

Swiss Ephemeris Table of Houses System Placidus

for the southern hemisphere with 4-minute time steps

Programming

Dieter Koch and Alois Treindl

Code D5HCS

| | Sid.Tir MC: | | 0m AR | MC: 0° | 00' | Sid.Tir MC: | | 4m AR 15'24 | MC: 1° | 200' | Sid.Tir MC: | ne: 0h08 2Y1 | | MC: 2° | 00' |
|------------------|--------------------|----------------------------------|----------------------------------|------------------------|------------------------------|--|----------------------------------|----------------------------------|--------------------------------|----------------------------|-------------------------------------|----------------------------------|----------------------------------|----------------------------------|------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 2810 | 2П05 | 0ഇ00 | 27ഇ54 | 27Ω49 | 3813 | 3п02 | 0ഇ55 | 28@52 | 28251 | 4815 | 3П59 | 1950 | 29549 | 29254 |
| 1S | 2806 | 1Д51 | 29П36 | 27940 | 27Ω44 | 3808 | 2П48 | 0ഇ31 | 28537 | 28⋒47 | 4810 | 3 Д 45 | 1 5 2 6 | 29ഒ35 | 29 250 |
| 2S | 2801 | 1Д36 | 29П12 | 27©25 | 27Ω40 | 3804 | 2Д33 | 0ഇ07 | 28©23 | 28 N 42 | 4805 | 3 Д 30 | 1992 | 29©21 | 29 24 |
| 3S | 1857 | 1 Д 22 | 28 11 48 | 27511 | 27.035 | 2859 | 2П19 | 29 II 43 | 28508 | 28 238 | 4801 | 31116 | 0938 | 29506 | 29 24 |
| 4S | 1852 | 11108 | 28II24 | 26956 | 27£30 | 2854 | 21105 | 29П19 | 27954 | 28 N 33 | 3856 | 3П01 | 0ഇ14 | 28\$52 | 29 23 |
| 5S | 1848 | 0П54 | 28 II 00 | 26941 | 27.026 | 2850 | 1Д50 | 28耳55 | 27939 | 28 29 | 3851 | 2П47 | 29 Д 50 | 28537 | 29 23 |
| 6S 7S | 1844 1839 | 0П40 0П25 | 27 II 36 27 II 12 | 26ඉ27 26ඉ12 | 27Ω21 27Ω16 | 2845 2841 | 1 II 36 1 II 22 | 28 II 31 28 II 07 | 27©25 27©10 | 28Ω24 28Ω20 | 3847 3842 | 2П33 2П18 | 29 II 26 29 II 02 | 28©23 28©08 | 29 N 2 |
| 8S | 1835 | 0П23 | 26 II 48 | 25957 | 27 Ω 12 | 2836 | 1 11 08 | 27 II 42 | 26955 | 28 N 15 | 3837 | 2П04 | 28 II 37 | 27953 | 29 1 |
| 9S | 1830 | 29857 | 26П23 | 25ഇ41 | 27Ω07 | 2831 | 0П53 | 27 п 18 | 26940 | 28 N 11 | 3833 | 1 Д 50 | 28 п 13 | 27ള38 | 29 21 |
| 10S | 1826 | 29843 | 25П59 | 25ഇ26 | 27 202 | 2827 | 0П39 | 26П54 | 26©24 | 28206 | 3828 | 1 Д 35 | 27П48 | 27923 | 29 ည 1 |
| 11S | 1821 | 29829 | 25 Д 34 | 25ഇ10 | 26Ω57 | 2822 | 0П25 | 26П29 | 26©09 | 28201 | 3823 | 1 Д 21 | 27П24 | 27ഇ08 | 29 ည 0 |
| 12S | 1817 | 29815 | 25 11 10 | 24ഇ55 | 26⋒52 | 2818 | 0П11 | 26Ⅲ04 | 25ഇ53 | 27£56 | 3818 | 1Д06 | 26П59 | 26ഇ52 | 29 බ 0 |
| 13S | 1812 | 29801 | 24 11 45 | 24539 | 26 \Omega 47 | 2813 | 29856 | 25 Д 39 | 25937 | 27Ω51 | 3814 | 0П52 | 26П34 | 26936 | 2825 |
| 14S | 1808 | 28846 | 24 II 20 | 24523 | 26 N 42 | 2808 | 29842 | 25 П 14 | 25©21 | 27Ω47 | 3809 | 0П37 | 26П09 | 26520 | 2825 |
| 15S | 1803 | 28832 | 23 11 54 | 24506 | 26.037 | 2804 | 29827 | 24 11 49 | 25905 | 27 \Omega 42 | 3804 | 0П23 | 25 II 43 | 26904 | 2824 |
| 16S 17S | 0859 0854 | 28 8 18 28 8 03 | 23 II 29 23 II 03 | 23@50 23@33 | 26Ω32 26Ω27 | 1859 1854 | 29 8 13 28 8 58 | 24 II 23 23 II 58 | 24©49 24©32 | 27Ω36 27Ω31 | 2859 2854 | 0П08 29В53 | 25 II 18 24 II 52 | 25@48 25@31 | 28 N 4 28 N 3 |
| 17S 18S | 0849 | 27849 | 23 II 03 22 II 38 | 23933 | 26 Ω 21 | 1850 | 28844 | 23 II 38 23 II 32 | 24932 | 278231 27826 | 2850 | 29838 | 24 II 32 24 II 26 | 25@31 25@14 | 28£3 |
| 19S | 0845 | 27834 | 22 II 12 | 22958 | 26 \Omega 16 | 1845 | 28829 | 23 II 06 | 23958 | 27.0.21 | 2845 | 29824 | 24 II 00 | 24957 | 2822 |
| 20S | 0840 | 27819 | 21 П 45 | 22541 | 26 210 | 1840 | 28814 | 22 П 39 | 23540 | 27Ω15 | 2840 | 29808 | 23 Д33 | 24540 | 2822 |
| 21S | 0835 | 27804 | 21 II 19 | 22523 | 26205 | 1835 | 27859 | 22 II 12 | 23522 | 27 210 | 2835 | 28853 | 23 Д 06 | 24522 | 28 \Omega 1: |
| 22S | 0831 | 26849 | 20耳52 | 22904 | 25 № 59 | 1830 | 27844 | 21 Д45 | 23 ഇ 04 | 27Ω04 | 2830 | 28838 | 22П39 | 24504 | 28 21 |
| 23S | 0826 | 26834 | 20П24 | 215546 | 25 25 3 | 1825 | 27828 | 21 Д 18 | 22545 | 26259 | 2825 | 28823 | 22 П 12 | 23 5 45 | 2820 |
| 24S | 0821 | 26819 | 19П57 | 21 5 27 | 25 € 47 | 1820 | 27813 | 20П50 | 22526 | 26Ω53 | 2819 | 28807 | 21 Д44 | 23 5 26 | 27.05 |
| 25S | 0816 | 26803 | 19П29 | 215607 | 25 € 41 | 1815 | 26857 | 20П22 | 22507 | 26⋒47 | 2814 | 27851 | 21耳16 | 23 5 07 | 27.05 |
| 26S | 0811 | 25848 | 19耳01 | 20547 | 25 0 34 | 1810 | 26842 | 19П54 | 21 6 3 7 | 26 \O 24 | 2809 | 27835 | 20 II 47 | 22547 | 27.04 |
| 27S 28S | 0806 0801 | 25 8 32 25 8 16 | 18 II 32 18 II 03 | 20ඉ27 20ඉ06 | 25 \Omega 28 25 \Omega 22 | 1805 1800 | 26 8 26 26 8 09 | 19П25 18П56 | 21©27 21©06 | 26Ω34 26Ω28 | 2804 1858 | 27 8 19 27 8 03 | 20 II 18 19 II 49 | 22©27 22©06 | 27 \Omega 4 |
| 29S | 29 Y 56 | 25800 | 17 II 33 | 19 9 45 | 25 N 15 | 0854 | 25853 | 18 II 26 | 20945 | 26 \Omega 22 | 1853 | 26846 | 19Ц49 | 219345 | 27823 |
| 30S | 29Y51 | 24844 | 17П03 | 19മ23 | 25 208 | 0849 | 25837 | 17П56 | 20ഇ23 | 26Ω15 | 1847 | 26829 | 18П48 | 21 5 23 | 27.02 |
| 31S | 29°45 | 24827 | 16 I I33 | 19901 | 25 N 01 | 0843 | 25820 | 17 II 25 | 20901 | 26Ω08 | 1842 | 26812 | 18 I I17 | 21901 | 27.01: |
| 32S | 29 Y 40 | 24810 | 16耳02 | 18ഇ38 | 24 254 | 0838 | 25803 | 16耳54 | 19ള38 | 26 20 01 | 1836 | 25855 | 17Ⅲ46 | 20ഇ38 | 2720 |
| 33S | 29 Y 34 | 23853 | 15耳30 | 18©14 | 24 20 46 | 0832 | 24845 | 16耳22 | 19514 | 25 € 54 | 1830 | 25838 | 17 I I4 | 20ഇ14 | 2720 |
| 34S | 29 Y 29 | 23836 | 14 I I58 | 175649 | 24 238 | 0826 | 24828 | 15Д50 | 18950 | 25 Ω 46 | 1824 | 25820 | 16П41 | 19\$50 | 26254 |
| 35S | 29 Y 23 | 23818 | 14耳26 | 17ഇ24 | 24 230 | 0821 | 24810 | 15 I I7 | 18924 | 25⋒38 | 1818 | 25802 | 16耳08 | 19ഇ25 | 26⋒40 |
| 36S | 29Υ17 | 23800 | 13 II 52 13 II 18 | 16958 | 24 \Q 22 | 0815 | 23851 | 14 11 43 | 17959 | 25 \O 30 | 1812 | 24843 | 15 II 34 | 18559 | 26.039 |
| 37S 38S | 29Y11 | 22841 22823 | | 16©31 | 24Ω14 24Ω05 | 0809 0802 | 23833 | 14 II 09 13 II 34 | 17532 | 25 Ω 22 25 Ω 13 | 1806 | 24824 24805 | 15 Π 00 | 18 © 32 18 © 05 | 26 N 2 |
| 39S | 28 Y 59 | 22804 | 12 II 08 | 15935 | 23 256 | 29°756 | 22855 | 12 Д 58 | 16935 | 25 \Omega 04 | 0853 | 23845 | 13 II 48 | 17936 | 26 \Omega 1 |
| 40S | 28Y53 | 21844 | 11 Д 32 | 15©05 | 23 \Omega 46 | 29°Y49 | 22835 | 12 п 22 | 16905 | 24Ω55 | 0846 | 23825 | 13 I I11 | 17©06 | 26 20 0: |
| 41S | 28 Y 46 | 21824 | 10 II 55 | 14934 | 23 236 | 29 Y 43 | 22815 | 11 II 44 | 15935 | 248233 | 0839 | 23805 | 12 Д 34 | 16935 | 25 \$\alpha 5 |
| 42S | 28 Y 40 | 21804 | 10 Д 17 | 14902 | 23 226 | 29Υ36 | 21854 | 11Д06 | 15©02 | 24 236 | 0832 | 22844 | 11Д55 | 16ഇ03 | 25 24: |
| 43S | 28 Y 33 | 20843 | 9П38 | 13529 | 23 Ω 15 | 29Ƴ29 | 21833 | 10 Д27 | 14529 | 24 25 | 0825 | 22823 | 11П16 | 15ഇ30 | 25 23 |
| 44S | 28 Y 26 | 20822 | 8П59 | 12©54 | 23 20 04 | 29℃22 | 21811 | 9П47 | 13©54 | 24Ω14 | 0817 | 22801 | 10Д35 | 14955 | 25 22 |
| 45S | 28 Y 19 | 20800 | 8п18 | 12©17 | 22 2 53 | 29 ℃ 14 | 20849 | 9П06 | 13©18 | 24 N 03 | 0810 | 21838 | 9Д53 | 14518 | 25 21 1 |
| 46S | 28Υ11 | 19837 | 7 I I36 | 11639 | 22 \Q 40 | 29Υ07 | 20826 | 8П23 | 12540 | 23 0 51 | 0802 | 21815 | 9П11 | 13540 | 25 \ 0.5 |
| 47S 48S | 28 Y 04 27 Y 56 | 19 8 14 | 6П53 6П09 | 11©00 10©18 | 22 \Omega 27 22 \Omega 14 | 28 \(\cdot 59 \) 28 \(\cdot 51 \) | 20803 19839 | 7П40 6П56 | 12©00 11©18 | 23 \Quad 39 23 \Quad 25 | 29 Y 54 29 Y 46 | 20 8 51 20 8 27 | 8П27 7П42 | 13©00 12©18 | 24 N 5 |
| 48S 49S | 27°7'36 27°7'48 | 18826 | 5П24 | 10@18 9@34 | 228114 | 28 \(\gamma \) 31 \\ 28 \(\gamma \) 42 | 19839 | 6Д36 6Д10 | 10034 | 23 & 125 23 & 11 | 29°7'46 29°7'37 | 20827 | 7Д42 6Д56 | 11934 | 24813 |
| 50S | 27Υ39 | 18801 | 4 I I38 | 8948 | 21 \Omega 45 | 28 Y 34 | 18849 | 5П23 | 99947 | 22.0.57 | 29 Y 28 | 19836 | 6П08 | 10947 | 2400 |
| 51S | 27Υ39 27Υ31 | 17835 | 3 II 50 | 7959 | 218245 | 28 Y 25 | 18822 | 3 <u>п</u> 23 4 <u>п</u> 34 | 99947 8958 | 228657 | 29 Y 28 29 Y 19 | 19809 | 5 <u>П</u> 19 | 9958 | 23 \$\alpha 54 |
| 52S | 27 Y 22 | 17809 | 3 II 01 | 7907 | 21 & 12 | 28 Y 16 | 17855 | 3 Д 44 | 8906 | 22 \Omega 25 | 29Υ10 | 18842 | 4II28 | 9906 | 23 23 |
| 53S | 27 Y 13 | 16841 | 2П10 | 6913 | 20 ຄ 54 | 28Y06 | 17827 | 2П53 | 7গু11 | 22 207 | 29Ƴ00 | 18813 | 3П36 | 8510 | 23 22 |
| 54S | 27 Y 03 | 16813 | 1П17 | 5914 | 20ຄ35 | 27Ƴ56 | 16858 | 2П00 | 6©13 | 21 N 49 | 28介50 | 17844 | 2П42 | 7912 | 23 20 |
| 55S | 26Y53 | 15843 | 0П23 | 4গু12 | 20 ຄ 14 | 27Ƴ46 | 16828 | 1П05 | 5 © 10 | 21 228 | 28Ƴ39 | 17813 | 1 Д 47 | 6©09 | 22 N 4 |
| 56S | 26°Y43 | 15813 | 29828 | 3506 | 19252 | 27Y35 | 15857 | 0П09 | 4903 | 21 207 | 28Υ28 | 16842 | 0П50 | 5901 | 22.02 |
| 57S | 26Υ32 | 14841 | 28830 | 1955 | 19 0 28 | 27°24 | 15825 | 29810 | 2952 | 20 0 18 | 28 Y 16 | 16809 | 29850 | 3549 | 2200 |
| 58S 59S | 26Υ21 26Υ09 | 14 8 08 13 8 34 | 27 8 31 26 8 29 | 0939 29 п 16 | 19 N 02 | 27 ° 12 27 ° 00 | 14 8 51 14 8 17 | 28 8 10 27 8 08 | 1 ତ 35 0 ତ 11 | 20Ω18 19Ω51 | 28 \(\cdot 04 \) 27 \(\cdot 52 \) | 15 8 35 15 8 00 | 28 8 49 27 8 46 | 2 9 31 1 9 07 | 21 Ω3 21 Ω0 |
| 60S | 25Υ56 | | | 27II 47 | 18202 | 26 ° 47 | | | 28 I I41 | 19Ω20 | 27 Y 38 | | | 29П35 | 20.03 |
| 61S | 25°7′36 25°7′43 | 12858 12821 | 25 8 26 24 8 20 | 2/H4/ 26H09 | 188102 17Ω28 | 26°7'47 26°7'34 | 13 8 40 | 26 8 03 24 8 56 | 28 II 41 27 II 02 | 193120 | 27°738 27°725 | 14 8 23 13 8 44 | 26840 25832 | 29 II 35 27 II 55 | 20 Ω 0 |
| 62S | 25 Y 30 | 11842 | 23811 | 24 II 23 | 16Ω50 | 26 Y 20 | 12823 | 23847 | 27 II 02 25 II 13 | 18 N 10 | 27 Υ 23 27 Υ 10 | 13844 | 24822 | 26 II 04 | 19 N 3 |
| 63S | 25 Y 15 | 11802 | 22801 | 22 П 25 | 16Ω07 | 26Y05 | 11842 | 22835 | 23 Д 14 | 17Ω28 | 26Y55 | 12822 | 23809 | 24 п 03 | 1825 |
| 64S | 25 Y 00 | 10820 | 20848 | 20П15 | 15Ω18 | 25Ƴ49 | 10859 | 21821 | 21Д01 | 16Ω41 | 26Ƴ39 | 11838 | 21854 | 21 Д47 | 18 Ω 0 |
| | 24 Y 44 | 9836 | 19832 | 17 I I50 | 14 \alpha 22 | 25 Ƴ 33 | 10814 | 20803 | 18Д31 | 15 Ω 47 | 26 ℃ 21 | 10852 | 20835 | 19П14 | 17Ω1 |
| 65S | 24 44 | 7030 | 17032 | | | | | _ | | | | | | | |
| 65S 66S pc | 24 Y 27 24 Y 17 | 8849 8822 | 18813 17827 | 15П06 13П27 | 13 \alpha 15 12 \alpha 31 | 25 ° 15 25 ° 05 | 9826 8859 | 18843 17857 | 15 II 43 14 II 00 | 14Ω43 14Ω01 | 26 ° 03 25 ° 53 | 10804 9836 | 19814 18827 | 16П20 14П34 | 16 N 1 |

| | Sid.Tir MC: | | 2m AR 6'09 | CMC: 3° | 00' | Sid.Tir MC: | | 6m AR | MC: 4° | 200' | Sid.Tir MC: | ne: 0h20 5Y2 | 0m AR | MC: 5° | 00' |
|------------|----------------------------------|----------------------------------|----------------------------------|-------------------------|---------------------|--------------------------------|--------------------|----------------------------------|----------------------|------------------------------|--------------------------|----------------------------------|----------------------|-----------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 5817 | 4П56 | 2945 | 0Ω47 | 0 m ₂ 57 | 6819 | 5П53 | 3 9 4 0 | 1 N 45 | 2 m 00 | 7821 | 6П50 | 4ഇ35 | 2 N 43 | 3 m ₂ 03 |
| 1S | 5812 | 4 II 42 | 2921 | 0£33 | 0 m 53 | 6814 | 5Д38 | 3916 | 1 a 31 | 1 m 56 | 7815 | 6Ц35 | 4911 | 2 № 29 | 2 m 59 |
| 2S | 5807 | 4II27 | 1957 | 0 a 19 | 0 mg 48 | 6809 | 5П24 | 2952 | 1Ω17 | 1 m 52 | 7810 | 6П20 | 3947 | 2 N 15 | 2 m/ 55 |
| 3S | 5802 | 4п12 | 1933 | 0Ω04 | 0 mg 44 | 6804 | 5П09 | 2528 | 1 \O 03 | 1 mp 48 | 7805 | 6П05 | 3923 | 2001 | 2 m 5 |
| 4S | 4858 | 3Д58 | 1909 | 29©50 | 0 mg 40 | 5859 | 4П54 | 2904 | 0Ω48 | 1 mg 44 | 7800 | 5Д51 | 2559 | 1 Ω47 | 2 m/ 47 |
| 5S | 4853 | 3 11 43 | 0945 | 29936 | 0 mg 36 | 5854 | 4 I I40 | 1 ഇ 40 | 0⋒34 | 1 mg 40 | 6855 | 5Д36 | 2935 | 1 ⋒33 | 2 m/43 |
| 6S | 4848 | 3 Д 29 | 0ഇ21 | 29©21 | 0 mg 32 | 5849 | 4П25 | 1916 | 0Ω20 | 1 m 35 | 6850 | 5Д21 | 2911 | 1 2 18 | 2 m/ 39 |
| 7S | 4843 | 3П15 | 29П57 | 29507 | 0 m 27 | 5844 | 4II11 | 0952 | 0Ω05 | 1 m 31 | 6845 | 5П07 | 19947 | 1 004 | 2 m 35 |
| 8S 9S | 4838 4834 | 3 II 00 2 II 46 | 29 II 32 29 II 08 | 28©52 28©37 | 0 m, 23 0 m, 19 | 5839 5834 | 3 II 56 3 II 42 | 0 <u>ඉ27</u> 0ඉ03 | 29©51 29©36 | 1 m 27 | 6840 6835 | 4 II 52 4 II 37 | 1 ණ 23 0 ණ 5 8 | 0 A 50 0 A 35 | 2 m 31 2 m 27 |
| | | | | | | | | | | 1 m 23 | | | | | |
| 10S | 4829 | 2Д31 | 28 11 43 | 28522 | 0 m 14 | 5829 | 3П27 | 29 II 38 | 29521 | 1 mp 18 | 6830 | 4 II 23 | 0933 | 0 0 2 0 5 | 2 m 23 |
| 11S 12S | 4824 4819 | 2П17 2П02 | 28 II 19 27 II 54 | 28©07 27©51 | 0 mp 10 | 5 8 24 5 8 19 | 3П12 2П58 | 29 II 14 28 II 49 | 29©06 28©50 | 1 m 14 | 6825 6820 | 4 II 08 3 II 53 | 0©09 29¶44 | 0 A 05 29 ອ 50 | 2 m 19 2 m 13 |
| 12S | 4814 | 1 Д 47 | 27 II 34 27 II 29 | 27935 | 0 mp 05 0 mp 01 | 5814 | 2 Д 38 | 28 II 24 | 28935 | 1 mg 10 1 mg 05 | 6815 | 3Д38 | 29 II 19 | 29934 | 2 mg 1 (|
| 14S | 4809 | 1 Д 33 | 27 II 04 | 27©33 27©20 | 29256 | 5809 | 2П43 | 27 II 58 | 28919 | 1 mg 01 | 6810 | 3 Д 23 | 28 II 53 | 29919 | 2 mg 06 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 4804 3859 | 1 II 18 1 II 03 | 26 II 38 26 II 12 | 27©04 26©47 | 29Ω51 29Ω46 | 5 8 04 4 8 59 | 2II 13 1II 58 | 27 II 33 27 II 07 | 28©03 27©47 | 0 m 56 0 m 52 | 6804 5859 | 3 II 08 2 II 53 | 28 II 28 28 II 02 | 29©03 28©47 | 2 mg 02 1 mg 57 |
| 17S | 3 8 54 | 0П48 | 25 II 47 | 26931 | 29 £ 40 29 £ 42 | 4854 | 1 II 38 | 26 II 41 | 27931 | 0 mg 32 | 5854 | 2 Д 33 | 27 II 36 | 28931 | 1 mp 53 |
| 18S | 3849 | 0Д33 | 25 II 20 | 26931 26914 | 298142 | 4849 | 1 Д 43 | 26 II 15 | 279514 | 0 mg 42 | 5849 | 2 П 23 | 27 II 30 27 II 10 | 28931 | 1 mg 48 |
| 19S | 3844 | 0П18 | 24 II 54 | 25@57 | 29 232 | 4844 | 1 II 13 | 25 II 49 | 26957 | 0 mg 37 | 5843 | 2 II 07 | 26 II 43 | 27957 | 1 mg 43 |
| 20S | 3839 | 0П03 | 24П27 | 25@39 | 29ຄ26 | 4839 | 0П58 | 25П22 | 26940 | 0 mp 32 | 5838 | 1 Д 52 | 26П16 | 275340 | 1 mp 38 |
| 21S | 3834 | 29848 | 24 II 00 | 25@22 | 29 21 | 4834 | 0П38 | 24 II 55 | 26922 | 0 mg 27 | 5833 | 1 Д 32 | 25 II 49 | 279322 | 1 m ₂ 3 4 |
| 22S | 3829 | 29832 | 23 Д33 | 25ഇ04 | 29Ω16 | 4828 | 0П26 | 24П27 | 26 ഇ 04 | 0 m 22 | 5827 | 1П21 | 25П21 | 27904 | 1 m 29 |
| 23S | 3824 | 29817 | 23 耳 06 | 24945 | 29Ω11 | 4823 | 0П11 | 24 II 00 | 25ഇ46 | 0 mg 17 | 5822 | 11105 | 24II54 | 26গু46 | 1 m ₂ 24 |
| 24S | 3819 | 29801 | 22 Д 38 | 24926 | 29 බ 05 | 4817 | 29855 | 23 Д31 | 25927 | 0 mg 12 | 5816 | 0П49 | 24II25 | 26928 | 1 m, 18 |
| 25S | 3813 | 28845 | 22П09 | 24ഇ07 | 29 200 | 4812 | 29839 | 23 Д03 | 25©08 | 0 mp 06 | 5811 | 0П32 | 23 Д 57 | 26ഇ09 | 1 mp 13 |
| 26S | 3808 | 28829 | 21 Д40 | 23548 | 28Ω54 | 4806 | 29822 | 22 Д34 | 245648 | 0 mg 01 | 5805 | 0П16 | 23 Д28 | 25949 | 1 m 08 |
| 27S | 3802 | 28813 | 21П11 | 23ණ27 | 28⋒48 | 4801 | 29806 | 22 II 05 | 24©28 | 29⋒55 | 4859 | 29859 | 22 II 58 | 25\$29 | 1 m, 02 |
| 28S | 2857 | 27856 | 20耳42 | 23507 | 28 N 42 | 3855 | 28849 | 21 II 35 | 24508 | 29 € 49 | 4853 | 29843 | 22 II 28 | 25909 | 0 m 57 |
| 29S | 2851 | 27839 | 20П12 | 22546 | 28£36 | 3849 | 28832 | 21 Д 05 | 23ණ47 | 29 Ω 43 | 4848 | 29825 | 21 Д 58 | 24948 | 0 mp 51 |
| 30S | 2845 | 27822 | 19П41 | 22524 | 28 29 | 3844 | 28815 | 20 Д 34 | 23ණ25 | 29⋒37 | 4842 | 29808 | 21 II 27 | 24\$26 | 0 mg 45 |
| 31S | 2840 | 27805 | 19耳10 | 22502 | 28⋒23 | 3838 | 27858 | 20耳02 | 23503 | 29⋒31 | 4835 | 28851 | 20耳55 | 24504 | 0 mg 39 |
| 32S | 2834 | 26848 | 18 Д 38 | 21539 | 28 № 16 | 3832 | 27840 | 19Д31 | 225940 | 29 & 24 | 4829 | 28833 | 20П23 | 23 5 42 | 0 m, 32 |
| 33S | 2828 | 26830 | 18耳06 | 21915 | 28209 | 3825 | 27822 | 18 Д 58 | 22517 | 29 17 | 4823 | 28814 | 19II 50 | 23 5 18 | 0 m 26 |
| 34S | 2822 | 26812 | 17П33 | 20ණ51 | 28202 | 3819 | 27804 | 18П25 | 21552 | 29Ω11 | 4817 | 27856 | 19П17 | 22554 | 0 mg 19 |
| 35S | 2816 | 25853 | 17 I I00 | 20ഇ26 | 27Ω55 | 3813 | 26845 | 17 I I51 | 21 5 27 | 29 ₪ 03 | 4810 | 27837 | 18 I I43 | 22529 | 0 mg 12 |
| 36S | 2809 | 25835 | 16II25 | 20500 | 27.047 | 3806 | 26826 | 17II17 | 21502 | 28 256 | 4803 | 27818 | 18 11 08 | 22503 | 0 m 05 |
| 37S 38S | 2803 | 25816 | 15 II 51 15 II 15 | 19533 | 27Ω39 27Ω31 | 3800 2853 | 26807 | 16 II 42 16 II 06 | 20\$35 | 28Ω49 28Ω41 | 3857 | 26 8 59 26 8 39 | 17 I I33 | 21©37 21©09 | 29 N 58 |
| 39S | 1849 | 24836 | 13 II 13 14 II 39 | 18937 | 27 & 23 | 2846 | 25827 | 15 Д 29 | 19539 | 28233 | 3843 | 26818 | 16月37 | 20941 | 298130 |
| | | | | | | | | | | | | | | | |
| 40S | 1843 | 24816 | 14 11 01 | 18907 | 27.014 | 2839 | 25807 | 14 II 52 | 19509 | 28 \O 24 | 3835 | 25 8 57 25 8 36 | 15 II 42 | 20©11 19©40 | 29 234 |
| 41S 42S | 1835 1828 | 23855 23834 | 13 II 23 12 II 44 | 17937 17904 | 27Ω05 26Ω56 | 2832 2824 | 24846 24824 | 14 II 13 13 II 34 | 18 © 38 | 28Ω15 28Ω06 | 3828 3820 | 25814 | 15 II 03 14 II 23 | 199940 | 29 N 26 |
| 43S | 1821 | 23812 | 12 II 04 | 16931 | 26 Ω 46 | 2817 | 24802 | 12 Д 53 | 17932 | 27.057 | 3812 | 24852 | 13 II 43 | 18935 | 29208 |
| 44S | 1813 | 22850 | 11 II 23 | 15@56 | 26236 | 2809 | 23840 | 12 II 12 | 16958 | 27.0.47 | 3804 | 24829 | 13 II 01 | 18900 | 28258 |
| 45S | 1805 | 22827 | 10 I I41 | 15ഇ19 | 26Ω25 | 2801 | 23817 | 11 11 30 | 16921 | 27ω36 | 2856 | 24806 | 12П18 | 17523 | 28 € 48 |
| 45S | 0857 | 22804 | 9Д58 | 13919 | 26Ω14 | 1853 | 22853 | 10 Д 46 | 15921 | 27 £ 25 | 2848 | 23842 | 11 Д 34 | 16945 | 28237 |
| 47S | 0849 | 21840 | 9П14 | 14901 | 26202 | 1844 | 22828 | 10 II 01 | 15903 | 27 Ω 14 | 2839 | 23817 | 10 I I48 | 16905 | 28226 |
| 48S | 0840 | 21815 | 8П28 | 13519 | 25 249 | 1835 | 22803 | 9П15 | 14520 | 27 20 02 | 2830 | 22852 | 10 1 102 | 15©22 | 28 215 |
| 49S | 0832 | 20850 | 7П41 | 12935 | 25 ຄ36 | 1826 | 21837 | 8П28 | 13ള36 | 26 € 49 | 2821 | 22825 | 9П14 | 14538 | 28 20 02 |
| 50S | 0823 | 20823 | 6П53 | 11ഇ48 | 25 22 | 1817 | 21811 | 7П39 | 12549 | 26236 | 2811 | 21858 | 8П25 | 13@51 | 27 249 |
| 51S | 0813 | 19856 | 6П04 | 10ഇ58 | 25 A 08 | 1807 | 20843 | 6П49 | 11559 | 26 Ω 21 | 2801 | 21830 | 7П34 | 13501 | 27236 |
| 52S | 0803 | 19828 | 5II12 | 10ഇ06 | 24£052 | 0 8 57 | 20815 | 5П57 | 11507 | 26⋒06 | 1851 | 21801 | 6 I I41 | 12ഇ08 | 27.02 |
| 53S | 29Y53 | 18859 | 4II20 | 9ഇ10 | 24Ω36 | 0847 | 19846 | 5Д03 | 10©11 | 25 € 50 | 1840 | 20832 | 5Ц47 | 119512 | 27 20 3 |
| 54S | 29Ƴ43 | 18829 | 3П25 | 8911 | 24Ω18 | 0836 | 19815 | 4 I 108 | 9©11 | 25 Ω 33 | 1829 | 20801 | 4 I 51 | 10@12 | 262149 |
| 55S | 29 Y 32 | 17858 | 2П29 | 7908 | 23 2 59 | 0824 | 18844 | 3П11 | 8907 | 25 15 | 1817 | 19829 | 3П53 | 9മ08 | 26231 |
| 56S | 29Υ20 | 17826 | 1 Д 31 | 6900 | 23 239 | 0813 | 18811 | 2П12 | 6959 | 24 2 5 5 | 1805 | 18856 | 2П54 | 7959 | 26Ω12 |
| 57S | 29Y08 | 16853 | 0П31 | 4947 | 23 & 17 | 0801 | 17837 | 1111 | 5946 | 24 34 | 0853 | 18821 | 1 Д 52 | 6945 | 25.05 |
| 58S | 28 Y 56 | 16818 | 29829 | 3528 | 22.053 | 29 ° 48 | 17802 | 01108 | 4526 | 24 \Q 11 | 0839 | 17845 | 0II48 | 5925 | 25 0 25 |
| 59S | 28 Y 43 | 15842 | 28824 | 2903 | 22 \Omega 27 | 29 ℃ 34 | 16825 | 29803 | 3500 | 23 \Omega 46 | 0826 | 17808 | 29842 | 3958 | 25 20: |
| 60S | 28Y29 | 15805 | 27818 | 0න30 | 21 258 | 29℃20 | 15847 | 27855 | 1526 | 23 Ω 18 | 0811 | 16829 | 28833 | 2522 | 2423 |
| 61S | 28Y15 | 14826 | 26809 | 28П48 | 21 227 | 29Υ06 | 15807 | 26846 | 29 Д 43 | 22 \Omega 48 | 29Υ56 | 15849 | 27822 | 0938 | 24 00 |
| 62S | 28\gamma 00 | 13845 | 24858 | 26 II 56 | 20 0 52 | 28 Y 50 | 14825 | 25833 | 27 Π 49 | 22 \O 14 | 29 Y 40 | 15806 | 26809 | 28 Π 42 26 Π 34 | 23 0 0 |
| 63S 64S | 27 Y 44 27 Y 28 | 13 8 02 12 8 17 | 23 8 44 22 8 27 | 24 II 52 22 II 33 | 20Ω13 19Ω29 | 28 \gamma 34 28 \gamma 17 | 13842 12856 | 24 8 18 23 8 00 | 25 II 42 23 II 21 | 21 \Omega 37 20 \Omega 54 | 29°23 29°05 | 14822 13835 | 24852 23833 | 26 II 34 24 II 09 | 23 A 0 |
| | | | | | | l . | | 21839 | | | l . | | | 21 II 23 | |
| | 27221 | | | | 12030 | 27 Y 58 | 12808 | 71 × 39 | 20 II 40 | 20 № 06 | 28 Ƴ 47 | 12847 | 22811 | ∟21 ∏ 23 [†] | 21 23 |
| 65S | 27Υ10 | 11830 | 21807 | 19II 56 | 18 £ 39 | | | | | 1 | | | | | |
| | 27Υ10 26Υ51 26Υ40 | 11830 10841 10812 | 19845 18857 | 19Д36 16Д57 15Д08 | 17Ω40 17Ω02 | 27 \gamma 39 \\ 27 \gamma 28 | 11818 10849 | 20815 19827 | 17П35 15П42 | 19 \Omega 10 18 \Omega 33 | 28\gamma27 28\gamma15 | 11855 11825 | 20845 19856 | 18 II 13 16 II 15 | 20 A 39 |

| | Sid.Tir MC: | | 4m AR 2'07 | CMC: 6° | 00' | Sid.Tir MC: | ne: 0h28 7Ƴ3 | 8m AR 7'21 | MC: 7° | 00' | Sid.Tir MC: | | 2m AR 2'32 | CMC: 8° | 00' |
|---|--|--|--|--|--|--|--|--|---|--|--|--|--|---|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 8822 | 7П46 | 5ഇ30 | 3 <i>Q</i> 41 | 4 m, 06 | 9823 | 8П43 | 6925 | 4 Ω 39 | 5 mg 10 | 10824 | 9п39 | 7ഇ20 | 5ณ38 | 6 mg 13 |
| 1S | 8817 | 7П31 | 5ഇ06 | 3 № 27 | 4 m 03 | 9818 | 8П28 | 6©01 | 4 <i>⋒</i> 26 | 5 mg 06 | 10819 | 9П24 | 6957 | 5 ຄ 24 | 6 mg 10 |
| 2S | 8812 | 7П17 | 49642 | 3 Q 13 | 3 m, 59 | 9813 | 8П13 | 5ഇ38 | 4 <i>Ω</i> 12 | 5 mg 03 | 10814 | 9П09 | 6933 | 5 Ω 11 | 6 mg 07 |
| 38 | 8806 | 7П02 | 49518 | 3 & 00 | 3 m 55 | 9807 | 7II58 | 5914 | 3⋒58 | 4 m 59 | 10808 | 8 II 54 | 6909 | 4Ω57 | 6 m 03 |
| 4S | 8801 | 6П47 | 3954 | 2 N 46 | 3 m, 51 | 9802 | 7П43 | 4950 | 3 € 44 | 4 m, 55 | 10803 | 8П39 | 5945 | 4 N 43 | 6 mg 00 |
| 5S | 7856 | 6Д32 | 3530 | 2 N 32 | 3 m/47 | 8857 | 7П28 | 4926 | 3⋒31 | 4 m 52 | 9858 | 8П24 | 5921 | 4Ω30 | 5 m, 56 |
| 6S | 7851 | 6П17 | 3506 | 2017 | 3 m 44 | 8852 | 7II 13 | 4902 | 3 2 17 | 4 m 48 | 9852 | 8П09 | 4957 | 4Ω16 | 5 m 52 |
| 7S 8S | 7846 7841 | 6 II 03 5 II 48 | 2542 2518 | 2 N 03 1 N 49 | 3 m/40 3 m/36 | 8846 8841 | 6П58 6П44 | 3©37 3©13 | 3Ω02 2Ω48 | 4 mg 44 4 mg 40 | 9847 9841 | 7 II 54 7 II 39 | 4୭33 4୭08 | 4Ω02 3Ω48 | 5 mp 49 5 mp 45 |
| 9S | 7835 | 5 II 33 | 1953 | 1034 | 3 m/ 32 | 8836 | 6П29 | 2948 | 2 N 34 | 4 m/ 37 | 9836 | 7П24 | 3944 | 3 N 33 | 5 m, 42 |
| 10S | 7830 | 5П18 | 1 5 2 9 | 1Ω19 | 3 m 28 | 8831 | 6П14 | 2524 | 2Ω19 | 4 m 33 | 9831 | 7П09 | 3519 | 3 Q 19 | 5 mp 38 |
| 11S | 7825 | 5 II 03 | 1904 | 1 Ω 05 | 3 m/ 24 | 8825 | 5П59 | 1959 | 2Ω04 | 4 m 29 | 9825 | 6П54 | 2954 | 3 № 04 | 5 m ₂ 34 |
| 12S | 7820 | 4 I I48 | 0ഇ39 | 0Ω49 | 3 m/ 20 | 8820 | 5 Ⅱ 44 | 1 ഇ 34 | 1 Ω 49 | 4 m/ 25 | 9820 | 6Ц39 | 2929 | 2 ⋒ 49 | 5 m/ 30 |
| 13S | 7815 | 4П33 | 0ഇ14 | 0⋒34 | 3 mg 16 | 8815 | 5П29 | 1 ഇ 0 9 | 1 ₪ 34 | 4 m/21 | 9814 | 6П24 | 2ഇ04 | 2⋒34 | 5 m/ 26 |
| 14S | 7 8 09 | 4П18 | 29П48 | 0Ω19 | 3 mg 11 | 8809 | 5П14 | 0ഇ43 | 1Ω19 | 4 m) 17 | 9809 | 6П09 | 1ഇ38 | 2 A 19 | 5 m, 23 |
| 15S | 7 8 04 | 4II 03 | 29П23 | 0 Q 03 | 3 m, 07 | 8804 | 4II58 | 0ഇ18 | 1 ₪ 03 | 4 m/ 13 | 9803 | 5Д53 | 1913 | 2⋒04 | 5 m, 19 |
| 16S | 6859 | 3Д48 | 28耳57 | 29547 | 3 m 03 | 7858 | 4 II 43 | 29 Д 52 | 0Ω47 | 4 m 09 | 8858 | 5Д38 | 0947 | 1 0 48 | 5 m 15 |
| 17S | 6854 | 3Д33 | 28 Д 31 | 29531 | 2 m 58 | 7853 | 4H28 | 29 II 26 | 0Ω31 | 4 m 04 | 8852 | 5 II 22 | 0©21 | 1 0 16 | 5 m 11 |
| 18S 19S | 6848 6843 | 3 II 18 3 II 02 | 28 II 04 27 II 38 | 29©14 28©58 | 2 m, 54 2 m, 49 | 7848 7842 | 4П12 3П57 | 28 II 59 28 II 32 | 0Ω15 29©58 | 4 m 00 3 m 56 | 8847 8841 | 5 II 07 4 II 51 | 29 II 54 29 II 27 | 1 A 16 0 A 59 | 5 mp 06 5 mp 02 |
| 20S | 6 8 37 | 2П46 | 27 II 11 | 28940 | 2 m/ 45 | 7836 | 3 II 37 | 28 II 05 | 29541 | 3 m ₂ 51 | 8835 | 4II35 | 29 I I00 | 0ຄເວງ | 4 mp 58 |
| 20S 21S | 6832 | 2Д46 | 26 II 43 | 28923 | 2 mg 40 | 7831 | 3 II 25 | 27 II 38 | 295524 | 3 mg 47 | 8830 | 4H33 4H19 | 28 II 33 | 03142 0Ω25 | 4 mp 54 |
| 22S | 6826 | 2П15 | 26日16 | 28905 | 2 m/ 35 | 7825 | 3П09 | 27 II 10 | 29\$06 | 3 m 42 | 8824 | 4II03 | 28 II 05 | 0.008 | 4 m/49 |
| 23S | 6821 | 1П59 | 25П48 | 275647 | 2 m/30 | 7819 | 2П53 | 26 II 42 | 28548 | 3 m 37 | 8818 | 3П47 | 27II37 | 29\$50 | 4 m 45 |
| 24S | 6815 | 1П43 | 25 Д 19 | 27529 | 2 m, 25 | 7814 | 2П36 | 26 II 14 | 28530 | 3 m/ 33 | 8812 | 3 Д 30 | 27П08 | 29932 | 4 m/ 40 |
| 25S | 6809 | 1Д26 | 24П51 | 27ഇ10 | 2 m, 20 | 7 8 08 | 2П20 | 25 11 45 | 28511 | 3 m 28 | 8806 | 3 Д 13 | 26Ц39 | 29ഇ13 | 4 m/ 35 |
| 26S | 6803 | 1 п 10 | 24 Д 21 | 26950 | 2 m, 15 | 7802 | 2П03 | 25 II 15 | 27952 | 3 m 23 | 8800 | 2П56 | 26 П 10 | 28554 | 4 m 30 |
| 27S 28S | 5858 5852 | 0Д53 0Д36 | 23 II 52 23 II 22 | 26©31 26©10 | 2 mg 10 2 mg 04 | 6856 6850 | 1 II 46 1 II 29 | 24 II 46 24 II 15 | 27©32 27©12 | 3 mg 18 3 mg 12 | 7854 7848 | 2 II 39 2 II 22 | 25 II 40 25 II 09 | 28©34 28©14 | 4 mg 26 4 mg 20 |
| 29S | 5 8 32 | 0Д36 | 23 II 22 22 II 51 | 25949 | 1 m 59 | 6843 | 1 Д 29 | 23 II 45 | 26951 | 3 m 07 | 7848 7841 | 2 п 04 | 23 II 09 24 II 38 | 27 27 27 54 | 4 m/ 15 |
| 30S | 5839 | 0Д01 | 22 11 20 | 25@28 | 1 m ₂ 53 | 6837 | 0П54 | 23 II 13 | 26930 | 3 mg 01 | 7835 | 1 Д 47 | 241107 | 27932 | 4 mp 10 |
| 31S | 5 8 33 | 29843 | 21 II 48 | 25906 | 1 mg 47 | 6831 | 0Д34 | 22 II 41 | 26908 | 2 m/ 56 | 7828 | 1 Д 28 | 23 II 35 | 27932 | 4 m 04 |
| 32S | 5827 | 29825 | 21 Д 16 | 249643 | 1 m/41 | 6824 | 0П18 | 22П09 | 25946 | 2 m 50 | 7822 | 1 Д 10 | 23 П 02 | 26গু48 | 3 m/ 59 |
| 33S | 5820 | 29807 | 20耳43 | 24520 | 1 m ₂ 35 | 6818 | 29859 | 21 Д36 | 25\$22 | 2 m/44 | 7815 | 0Д51 | 22П29 | 26ඉ25 | 3 m/ 53 |
| 34S | 5814 | 28848 | 20П09 | 23\$56 | 1 m, 28 | 6811 | 29840 | 21 II 02 | 24959 | 2 m, 38 | 7808 | 0П32 | 21 Д 55 | 26501 | 3 m/ 47 |
| 35S | 5807 | 28829 | 19П35 | 23531 | 1 m 22 | 6804 | 29821 | 20П27 | 24934 | 2 m 31 | 7801 | 0П13 | 21 II 20 | 25937 | 3 m/41 |
| 36S | 5800 | 28810 | 19 11 00 | 23506 | 1 m 15 | 5857 | 29801 | 19II 52 | 24508 | 2 m 25 | 6854 | 29853 | 20 11 44 | 25@11 | 3 m 35 |
| 37S 38S | 4853 4846 | 27850 | 18 II 25 17 II 48 | 22©39 22©12 | 1 mg 08 1 mg 00 | 5850 5843 | 28841 | 19П16 18П39 | 235642 | 2 mg 18 2 mg 11 | 6847 6839 | 29833 | 20II 08 19II 31 | 24©45 24©18 | 3 m/28 3 m/21 |
| 39S | 4839 | 27809 | 17 II 11 | 219543 | 0 m 53 | 5835 | 28800 | 18 II 02 | 225646 | 2 m/ 03 | 6832 | 28851 | 18 I I53 | 23949 | 3 mg 14 |
| 40S | 4832 | 26848 | 16耳32 | 21 5 13 | 0 mp 45 | 5828 | 27839 | 17 II 23 | 22916 | 1 m 56 | 6824 | 28830 | 18 I I14 | 23 5 20 | 3 mp 07 |
| 41S | 4824 | 26827 | 15 II 53 | 20943 | 0 mg 37 | 5820 | 27817 | 16 II 44 | 219546 | 1 mg 48 | 6816 | 28807 | 17Д34 | 22549 | 2 m/ 59 |
| 42S | 4816 | 26805 | 15 Д 13 | 20ഇ11 | 0 m 28 | 5812 | 26855 | 16П03 | 215514 | 1 m 39 | 6808 | 27845 | 16耳53 | 22517 | 2 m 51 |
| 43S | 4808 | 25842 | 14П32 | 19ള37 | 0 mg 19 | 5804 | 26832 | 15 Д 22 | 20940 | 1 mg 31 | 5859 | 27822 | 16耳11 | 21 5 44 | 2 m/43 |
| 44S | 4800 | 25819 | 13 Д 50 | 19502 | 0 mg 10 | 4855 | 26808 | 14П39 | 20ഇ05 | 1 m, 22 | 5851 | 26858 | 15П28 | 21 5 0 9 | 2 m/34 |
| 45S | 3851 | 24855 | 13Д06 | 18©26 | 0 m, 00 | 4847 | 25844 | 13 Д 55 | 19529 | 1 m 12 | 5842 | 26834 | 14 I I44 | 20@33 | 2 m 25 |
| 46S | 3843 | 24831 24806 | 12 Д 22 | 17547 | 29250 | 4838 | 25820 | 13 Д 10 | 18951 | 1 m, 03 | 5832 | 26809 | 13 II 59 | 19©54 19©14 | 2 m/16 |
| 47S 48S | 3 8 34 | . //L×106 | | | | | | | | | | 25843 | 13耳12 | 140614 | |
| | 3 🖂 2 4 | l | 11 Π 36 | 17©07 16©25 | 29 A 39 | 4828 4819 | 24854 24828 | 12 Π 24 11 Π 36 | 18 © 10 | 0 m 52 | 5823 5813 | | 12.Π24 | | |
| 49S | 3824 3815 | 23840 | 10 II 49 10 II 00 | 16525 15540 | 29 £ 139 29 £ 128 29 £ 16 | 4819 4809 | 24828 24801 | 12 II 24 11 II 36 10 II 47 | 18©10 17©28 16©43 | 0 mg 41 | 5823 5813 5803 | 25 8 16 24 8 49 | 12П24 11П34 | 18 9 32 17 9 47 | 1 m 55 |
| 49S | 3815 | 23840 23813 | 10П49 10П00 | 16 © 25 15 © 40 | 29 N 28 29 N 16 | 4819 4809 | 24828 24801 | 11 II 36 10 II 47 | 17©28 16©43 | 0 m/41 0 m/30 | 5813 5803 | 25 8 16 24 8 49 | 11Д34 | 18©32 17©47 | 1 m ₂ 55 1 m ₂ 44 |
| | | 23840 | 10П49 | 16ഇ25 | 29 ຄ 28 | 4819 | 24828 | 11 II 36 | 17528 | 0 mg 41 | 5813 | 25816 | | 18932 | 1 m 55 1 m 44 1 m 33 |
| 49S 50S 51S 52S | 3815 3805 2855 2844 | 23840 23813 22846 22817 21848 | 10П49 10П00 9П10 8П19 7П26 | 16©25 15©40 14©53 14©03 13©10 | 29 \(\Omega 28 \) 29 \(\Omega 03 \) 28 \(\Omega 50 \) 28 \(\Omega 36 \) | 4819 4809 3859 3848 3838 | 24828 24801 23833 23804 22835 | 11 Д 36 10 Д 47 9 Д 57 9 Д 04 8 Д 11 | 17©28 16©43 15©56 15©06 14©13 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha 51 | 5813 5803 4853 4842 4831 | 25 8 16 24 8 49 24 8 21 23 8 52 23 8 21 | 11 II 34 10 II 43 9 II 50 8 II 56 | 18532 17547 17500 16509 15516 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 |
| 49S 50S 51S 52S 53S | 3815 3805 2855 2844 2833 | 23840 23813 22846 22817 21848 21818 | 10 П 49 10 П 00 9 П 10 8 П 19 7 П 26 6 П 31 | 16©25 15©40 14©53 14©03 13©10 12©14 | 29 \(\Omega 28 \) 29 \(\Omega 16 \) 29 \(\Omega 03 \) 28 \(\Omega 50 \) 28 \(\Omega 36 \) 28 \(\Omega 21 \) | 4819 4809 3859 3848 3838 3826 | 24828 24801 23833 23804 22835 22804 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 | 17©28 16©43 15©56 15©06 14©13 13©16 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha 51 29 \$\alpha 37 | 5813 5803 4853 4842 4831 4819 | 25 8 16 24 8 49 24 8 21 23 8 52 23 8 21 22 8 50 | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 | 18532 17547 17500 16509 15516 14519 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 |
| 49S 50S 51S 52S 53S 54S | 3815 3805 2855 2844 2833 2822 | 23840 23813 22846 22817 21848 21818 20846 | 10 II 49 10 II 00 9 II 10 8 II 19 7 II 26 6 II 31 5 II 34 | 16©25 15©40 14©53 14©03 13©10 12©14 11©14 | 29£28 29£16 29£03 28£50 28£36 28£21 28£05 | 4819 4809 3859 3848 3838 3826 3815 | 24828 24801 23833 23804 22835 22804 21832 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 | 17©28 16©43 15©56 15©06 14©13 13©16 12©16 | 0 m 41 0 m 30 0 m 18 0 m 05 29 & 51 29 & 37 29 & 21 | 5813 5803 4853 4842 4831 4819 4807 | 25 8 16 24 8 49 24 8 21 23 8 52 23 8 21 22 8 50 22 8 18 | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 | 18532 17547 17500 16509 15516 14519 13519 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 |
| 49S 50S 51S 52S 53S 54S 55S | 3815 3805 2855 2844 2833 2822 2810 | 23 8 40 23 8 13 22 8 46 22 8 17 21 8 48 21 8 18 20 8 46 20 8 14 | 10 II 49 10 II 00 9 II 10 8 II 19 7 II 26 6 II 31 5 II 34 4 II 36 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 | 29.028 29.016 29.003 28.050 28.036 28.021 28.005 27.048 | 4819 4809 3859 3848 3838 3826 3815 3802 | 24828 24801 23833 23804 22835 22804 21832 20859 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 5 II 18 | 17:28 16:243 15:256 15:206 14:213 13:216 12:216 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \alpha 51 29 \alpha 37 29 \alpha 21 29 \alpha 05 | 5813 5803 4853 4842 4831 4819 4807 3855 | 25 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 34 \\ 21 \\ 24 \\ 34 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 |
| 49S 50S 51S 52S 53S 54S 55S 56S | 3815 3805 2855 2844 2833 2822 2810 1857 | 23 8 40 23 8 13 22 8 46 22 8 17 21 8 48 21 8 18 20 8 46 20 8 14 19 8 40 | 10 II 49 10 II 00 9 II 10 8 II 19 7 II 26 6 II 31 5 II 34 4 II 36 3 II 35 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 | 29.028 29.016 29.003 28.050 28.036 28.021 28.005 27.048 27.029 | 4819 4809 3859 3848 3838 3826 3815 3802 2850 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 5 II 18 4 II 17 | 17:28 16:243 15:256 15:206 14:213 13:216 12:216 11:211 10:201 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha\$51 29 \$\alpha\$37 29 \$\alpha\$21 29 \$\alpha\$5 28 \$\alpha\$47 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 | 25 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 23 \\ 22 \\ 22 \\ 23 \\ 21 \\ 22 \\ 344 \\ 21 \\ 31 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 12\$14 11\$03 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 |
| 49S 50S 51S 52S 53S 54S 55S | 3815 3805 2855 2844 2833 2822 2810 | 23 8 40 23 8 13 22 8 46 22 8 17 21 8 48 21 8 18 20 8 46 20 8 14 | 10 II 49 10 II 00 9 II 10 8 II 19 7 II 26 6 II 31 5 II 34 4 II 36 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 | 29.028 29.016 29.003 28.050 28.036 28.021 28.005 27.048 | 4819 4809 3859 3848 3838 3826 3815 3802 | 24828 24801 23833 23804 22835 22804 21832 20859 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 5 II 18 | 17:28 16:243 15:256 15:206 14:213 13:216 12:216 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \alpha 51 29 \alpha 37 29 \alpha 21 29 \alpha 05 | 5813 5803 4853 4842 4831 4819 4807 3855 | 25 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 34 \\ 21 \\ 24 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 & 47 |
| 498 508 518 528 538 548 558 568 578 | 3815 3805 2855 2844 2833 2822 2810 1857 1844 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 | 10 II 49 10 II 00 9 II 10 8 II 19 7 II 26 6 II 31 5 II 34 4 II 36 3 II 35 2 II 32 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 29 \) 27 \(\alpha 09 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 5 II 18 4 II 17 3 II 13 | 17\$28 16\$43 15\$56 15\$06 14\$13 13\$16 12\$16 11\$11 10\$01 8\$46 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \Delta 51 29 \Delta 37 29 \Delta 21 29 \Delta 05 28 \Delta 47 28 \Delta 28 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 | 25816 24849 24821 23852 23821 22850 22818 21844 21810 20833 | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 12\$14 11\$03 9\$48 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 £ 47 29 £ 27 |
| 498 508 518 528 538 548 558 568 578 588 | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 | 10 II 49 10 II 00 9 II 10 8 II 19 7 II 26 6 II 31 5 II 34 4 II 36 3 II 35 2 II 32 1 II 28 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 6@24 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 29 \) 26 \(\alpha 48 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 5 II 18 4 II 17 3 II 13 2 II 08 | 17@28 16@43 15@56 15@06 14@13 13@16 12@16 11@11 10@01 8@46 7@24 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha\$ 51 29 \$\alpha\$ 21 29 \$\alpha\$ 5 28 \$\alpha\$ 47 28 \$\alpha\$ 28 28 \$\alpha\$ 07 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 | 25 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 23 \\ 22 \\ 25 \\ 22 \\ 21 \\ 21 \\ 21 \\ 21 \\ 21 \\ 21 \\ 33 \\ 19 \\ 56 | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 12\$14 11\$03 9\$48 8\$25 | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 \(0.47 29 \(0.05) |
| 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 1817 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 17851 17811 16830 | 10 1 49 10 1 00 9 1 10 8 1 19 7 1 2 6 6 1 3 1 5 1 3 4 4 1 3 6 3 1 3 5 2 1 3 2 1 1 2 8 0 1 2 1 2 9 8 1 1 2 7 8 5 9 | 16\$25 15\$40 14\$53 14\$03 13\$10 12\$14 11\$14 10\$09 9\$00 7\$45 6\$24 4\$56 3\$20 1\$34 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 99 \) 26 \(\alpha 48 \) 26 \(\alpha 24 \) 25 \(\alpha 59 \) 25 \(\alpha 31 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 2808 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 18834 17853 17811 | 11 II 36 10 II 47 9 II 57 9 II 04 8 II 11 7 II 15 6 II 18 5 II 18 4 II 17 3 II 13 2 II 08 0 II 59 | 17928 16943 15956 15906 14913 13916 12916 11911 10901 8946 7924 5956 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha\$51 29 \$\alpha\$37 29 \$\alpha\$21 29 \$\alpha\$05 28 \$\alpha\$47 28 \$\alpha\$28 28 \$\alpha\$07 27 \$\alpha\$45 27 \$\alpha\$20 26 \$\alpha\$53 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 2859 | 25 \\ 24 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 23 \\ 22 \\ 33 \\ 21 \\ 24 \\ 21 \\ 31 \\ 31 \\ 356 \\ 19 \\ 317 \\ 36 \\ 17 \\ 353 \\ 31 \\ 353 \\ 31 \\ 355 | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 1 II 38 0 II 27 29 8 13 | 18\$\\ 32\$ 17\$\\\ 47\$ 17\$\\\ 600\$ 16\$\\\ 609\$ 15\$\\\ 614\$\\\ 619\$ 13\$\\\ 619\$ 12\$\\\ 614\$ 11\$\\\\ 603\$ 9\$\\\\ 88\$\\\ 656\$ | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 Ω 47 29 Ω 27 29 Ω 05 28 Ω 42 28 Ω 16 |
| 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 1817 1802 0846 0830 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 17851 17811 16830 15847 | 10 1 49 10 1 00 9 1 10 8 1 19 7 1 2 6 6 1 3 1 5 1 3 4 4 1 3 6 3 1 3 5 2 1 3 2 1 1 2 8 0 1 2 1 2 9 8 1 1 2 7 8 5 9 2 6 8 4 4 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 6@24 4@56 3@20 1@34 29 II 37 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 09 \) 26 \(\alpha 48 \) 25 \(\alpha 59 \) 25 \(\alpha 31 \) 25 \(\alpha 00 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 2808 1853 1837 1820 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 18834 17853 17811 16827 | 11 | 17:928 16:943 15:956 15:906 14:913 13:916 12:916 11:911 10:901 8:946 7:924 5:956 4:918 2:931 0:932 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha\$51 29 \$\alpha\$37 29 \$\alpha\$21 29 \$\alpha\$05 28 \$\alpha\$47 28 \$\alpha\$28 28 \$\alpha\$07 27 \$\alpha\$45 27 \$\alpha\$20 26 \$\alpha\$53 26 \$\alpha\$23 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 2859 2843 2827 2809 | 25 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 23 \\ 21 \\ 24 \\ 21 \\ 31 \\ 31 \\ 31 \\ 36 \\ 17 \\ 33 \\ 17 \\ 38 \\ 36 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 1 II 38 0 II 27 29 & 13 27 & 55 | 18\$\text{32}\$ 17\$\text{947}\$ 17\$\text{900}\$ 16\$\text{909}\$ 15\$\text{916}\$ 14\$\text{919}\$ 13\$\text{919}\$ 12\$\text{914}\$ 11\$\text{903}\$ 9\$\text{98}\$ 8\$\text{925}\$ 6\$\text{56}\$ 5\$\text{917}\$ 3\$\text{929}\$ 1\$\text{928}\$ | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 Ω 47 29 Ω 27 29 Ω 05 28 Ω 42 28 Ω 16 27 Ω 47 |
| 498 508 518 528 538 548 558 568 578 588 598 608 618 628 638 | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 1817 1802 0846 0830 0813 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 17851 17811 16830 15847 15802 | 10 1 49 10 1 00 9 1 10 8 1 19 7 1 2 6 6 1 3 1 5 1 3 4 4 1 3 6 3 1 3 5 2 1 3 2 1 1 2 8 0 1 2 1 2 9 8 1 1 2 7 8 5 9 2 6 8 4 4 2 5 8 2 7 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 6@24 4@56 3@20 1@34 29 II 37 27 II 25 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 09 \) 26 \(\alpha 48 \) 25 \(\alpha 59 \) 25 \(\alpha 31 \) 25 \(\alpha 00 \) 24 \(\alpha 25 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 2808 1853 1837 1820 1802 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 18834 17853 17811 16827 15841 | 11 | 17:928 16:943 15:956 15:906 14:913 13:916 12:916 11:911 10:901 8:946 7:924 5:956 4:918 2:931 0:932 28:118 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha\$51 29 \$\alpha\$51 29 \$\alpha\$51 28 \$\alpha\$47 28 \$\alpha\$28 28 \$\alpha\$07 27 \$\alpha\$45 27 \$\alpha\$20 26 \$\alpha\$53 26 \$\alpha\$23 25 \$\alpha\$50 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 2859 2843 2827 2809 1851 | 25 \\ 816 \\ 24 \\ 849 \\ 24 \\ 821 \\ 23 \\ 852 \\ 23 \\ 821 \\ 22 \\ 850 \\ 22 \\ 818 \\ 21 \\ 844 \\ 21 \\ 810 \\ 20 \\ 833 \\ 19 \\ 856 \\ 19 \\ 817 \\ 18 \\ 836 \\ 17 \\ 853 \\ 17 \\ 808 \\ 16 \\ 821 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 1 II 38 0 II 27 29 & 13 27 & 55 26 & 35 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 12\$14 11\$03 9\$48 8\$25 6\$56 5\$17 3\$29 1\$28 29\$\textbf{\textbf | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 Ω 47 29 Ω 27 29 Ω 05 28 Ω 42 28 Ω 16 27 Ω 47 27 Ω 15 |
| 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S 63S 64S | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 1817 1802 0846 0830 0813 29754 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 17851 17811 16830 15847 15802 | 10 1 49 10 1 00 9 1 10 8 1 19 7 1 2 6 6 1 3 1 5 1 3 4 4 1 3 6 3 1 3 5 2 1 3 2 1 1 2 8 0 1 2 1 2 9 8 1 1 2 7 8 5 9 2 6 8 4 4 2 5 8 2 7 2 4 8 0 6 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 6@24 4@56 3@20 1@34 29 II 37 27 II 25 24 II 57 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 99 \) 26 \(\alpha 48 \) 25 \(\alpha 59 \) 25 \(\alpha 31 \) 25 \(\alpha 00 \) 24 \(\alpha 25 \) 23 \(\alpha 46 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 2808 1853 1837 1820 1802 0843 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 18834 17853 17811 16827 15841 14853 | 11 11 136 10 147 9 157 9 104 8 111 7 115 6 118 5 118 4 117 3 113 2 108 0 159 29 349 28 36 27 320 26 301 24 339 | 17:928 16:943 15:956 15:906 14:913 13:916 12:916 11:911 10:901 8:946 7:924 5:956 4:918 2:931 0:932 28:118 25:1147 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha 51 29 \$\alpha 51 29 \$\alpha 52 28 \$\alpha 47 28 \$\alpha 28 28 \$\alpha 07 27 \$\alpha 45 27 \$\alpha 20 26 \$\alpha 53 26 \$\alpha 23 25 \$\alpha 50 25 \$\alpha 12 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 2859 2843 2827 2809 1851 1832 | 25 \\ 24 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 23 \\ 22 \\ 33 \\ 21 \\ 24 \\ 21 \\ 31 \\ 31 \\ 36 \\ 17 \\ 36 \\ 17 \\ 36 \\ 16 \\ 21 \\ 32 \\ 32 \\ 32 \\ 33 \\ 34 \\ 35 \\ 36 \\ 36 \\ 36 \\ 36 \\ 37 \\ 36 \\ 36 \\ 37 \\ 38 \\ 36 \\ 36 \\ 37 \\ 38 \\ 36 \\ 37 \\ 38 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 1 II 38 0 II 27 29 & 13 27 & 55 26 & 35 25 & 12 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 12\$14 11\$03 9\$48 8\$25 6\$56 5\$17 3\$29 1\$28 29\$\textbf{\textbf | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 Ω 47 29 Ω 27 29 Ω 05 28 Ω 42 28 Ω 16 27 Ω 47 27 Ω 15 26 Ω 39 |
| 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S 63S 64S 64S | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 1817 1802 0846 0830 0813 29°54 29°35 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 17851 17811 16830 15847 15802 14814 13825 | 10 1 49 10 1 00 9 1 10 8 1 19 7 1 2 6 6 1 3 1 5 1 3 4 4 1 3 6 3 1 3 5 2 1 3 2 1 1 2 8 0 1 2 1 2 9 8 1 1 2 7 8 5 9 2 6 8 4 4 2 5 8 2 7 2 4 8 0 6 2 2 8 4 3 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 6@24 4@56 3@20 1@34 29 \(\text{I} \) 37 27 \(\text{I} \) 25 24 \(\text{I} \) 57 22 \(\text{I} \) 08 | 29.028 29.016 29.003 28.050 28.036 28.021 28.005 27.048 27.029 27.009 26.048 26.024 25.059 25.031 25.000 24.025 23.046 23.001 | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 2808 1853 1837 1820 1802 0843 0823 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 18834 17853 17811 16827 15841 14853 14803 | 11 | 17:928 16:943 15:956 15:906 14:913 13:916 12:916 11:911 10:901 8:946 7:924 5:956 4:918 2:931 0:932 28:118 25:1147 22:153 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha 51 29 \$\alpha 51 29 \$\alpha 52 28 \$\alpha 47 28 \$\alpha 28 28 \$\alpha 07 27 \$\alpha 45 27 \$\alpha 20 26 \$\alpha 53 26 \$\alpha 23 25 \$\alpha 50 25 \$\alpha 12 24 \$\alpha 30 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 2859 2843 2827 2809 1851 1832 1811 | 25 \\ 24 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 23 \\ 22 \\ 33 \\ 21 \\ 24 \\ 21 \\ 31 \\ 31 \\ 36 \\ 17 \\ 36 \\ 17 \\ 36 \\ 16 \\ 21 \\ 32 \\ 14 \\ 34 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 1 II 38 0 II 27 29 8 13 27 8 55 26 8 35 25 8 12 23 8 4 6 | 18 \$\overline{3}2\$ 17 \$\overline{9}47\$ 17 \$\overline{9}00\$ 16 \$\overline{9}09\$ 15 \$\overline{9}16\$ 14 \$\overline{9}19\$ 12 \$\overline{9}14\$ 11 \$\overline{9}03\$ 9 \$\overline{4}8\$ 8 \$\overline{9}25\$ 6 \$\overline{9}56\$ 5 \$\overline{9}17\$ 3 \$\overline{9}29\$ 1 \$\overline{9}28\$ 29 \$\overline{1}2\$ 26 \$\overline{1}37\$ 23 \$\overline{1}39\$ | 2 m 06 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 22 0 m 05 29 Ω 47 29 Ω 05 28 Ω 42 28 Ω 16 27 Ω 47 27 Ω 15 26 Ω 39 25 Ω 53 |
| 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S 63S 64S | 3815 3805 2855 2844 2833 2822 2810 1857 1844 1831 1817 1802 0846 0830 0813 29754 | 23840 23813 22846 22817 21848 21818 20846 20814 19840 19805 18829 17851 17811 16830 15847 15802 | 10 1 49 10 1 00 9 1 10 8 1 19 7 1 2 6 6 1 3 1 5 1 3 4 4 1 3 6 3 1 3 5 2 1 3 2 1 1 2 8 0 1 2 1 2 9 8 1 1 2 7 8 5 9 2 6 8 4 4 2 5 8 2 7 2 4 8 0 6 | 16@25 15@40 14@53 14@03 13@10 12@14 11@14 10@09 9@00 7@45 6@24 4@56 3@20 1@34 29 II 37 27 II 25 24 II 57 | 29 \(\alpha 28 \) 29 \(\alpha 16 \) 29 \(\alpha 03 \) 28 \(\alpha 50 \) 28 \(\alpha 36 \) 28 \(\alpha 21 \) 28 \(\alpha 05 \) 27 \(\alpha 48 \) 27 \(\alpha 99 \) 26 \(\alpha 48 \) 25 \(\alpha 59 \) 25 \(\alpha 31 \) 25 \(\alpha 00 \) 24 \(\alpha 25 \) 23 \(\alpha 46 \) | 4819 4809 3859 3848 3838 3826 3815 3802 2850 2836 2822 2808 1853 1837 1820 1802 0843 | 24828 24801 23833 23804 22835 22804 21832 20859 20825 19849 19812 18834 17853 17811 16827 15841 14853 | 11 11 136 10 147 9 157 9 104 8 111 7 115 6 118 5 118 4 117 3 113 2 108 0 159 29 349 28 36 27 320 26 301 24 339 | 17:928 16:943 15:956 15:906 14:913 13:916 12:916 11:911 10:901 8:946 7:924 5:956 4:918 2:931 0:932 28:118 25:1147 | 0 m 41 0 m 30 0 m 18 0 m 05 29 \$\alpha 51 29 \$\alpha 51 29 \$\alpha 52 28 \$\alpha 47 28 \$\alpha 28 28 \$\alpha 07 27 \$\alpha 45 27 \$\alpha 20 26 \$\alpha 53 26 \$\alpha 23 25 \$\alpha 50 25 \$\alpha 12 | 5813 5803 4853 4842 4831 4819 4807 3855 3842 3828 3814 2859 2843 2827 2809 1851 1832 | 25 \\ 24 \\ 24 \\ 24 \\ 24 \\ 23 \\ 23 \\ 22 \\ 23 \\ 22 \\ 23 \\ 22 \\ 33 \\ 21 \\ 24 \\ 21 \\ 31 \\ 31 \\ 36 \\ 17 \\ 36 \\ 17 \\ 36 \\ 16 \\ 21 \\ 32 \\ 32 \\ 32 \\ 33 \\ 34 \\ 35 \\ 36 \\ 36 \\ 36 \\ 36 \\ 37 \\ 36 \\ 36 \\ 37 \\ 36 \\ 36 \\ 37 \\ 36 \\ 37 \\ 36 \\ 37 \\ 36 \\ 37 \\ 37 \\ 38 \\ 36 \\ 37 \\ 37 \\ 38 \\ | 11 II 34 10 II 43 9 II 50 8 II 56 7 II 59 7 II 01 6 II 01 4 II 59 3 II 54 2 II 48 1 II 38 0 II 27 29 & 13 27 & 55 26 & 35 25 & 12 | 18\$32 17\$47 17\$00 16\$09 15\$16 14\$19 13\$19 12\$14 11\$03 9\$48 8\$25 6\$56 5\$17 3\$29 1\$28 29\$\textbf{\textbf | 1 m 55 1 m 44 1 m 33 1 m 20 1 m 07 0 m 53 0 m 38 0 m 22 0 m 05 29 Ω 47 29 Ω 27 29 Ω 05 28 Ω 42 28 Ω 16 27 Ω 47 27 Ω 15 26 Ω 39 |

| | Sid.Tir MC: | | 6m AR 17'40 | MC: 9° | 00' | Sid.Tir MC: | | 0m AR 252'44 | MC: 10 |)°00' | Sid.Tir MC: | | 4m AR 257'43 | RMC: 11 | °00' |
|----------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--|--------------------------------|----------------------------------|----------------------------------|---|-------------------------------|-------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S 1S 2S | 11825 11820 11814 | 10 II 35 10 II 20 10 II 05 | 8©16 7©52 7©28 | 6Ω36 6Ω23 6Ω10 | 7 m; 17 7 m; 14 7 m; 11 | 12826 12821 12815 | 11 II 32 11 II 16 11 II 01 | 9511 8547 8524 | 7 \alpha 35 7 \alpha 22 7 \alpha 09 | 8 mg 21 8 mg 18 8 mg 15 | 13827 13821 13815 | 12 II 28 12 II 12 11 II 57 | 10©06 9©43 9©19 | 8 N 34 8 N 21 8 N 08 | 9 m 25 9 m 22 9 m 19 |
| 3S 4S | 11809 11803 | 9П50 9П35 | 7 ඉ 04 6 ඉ 40 | 5Ω56 5Ω43 | 7 m, 07 7 m, 04 | 12809 12804 | 10П46 10П31 | 8 © 00 7 © 36 | 6Ω55 6Ω42 | 8 mg 12 8 mg 08 | 13810 13804 | 11 Д 42 11 Д 27 | 8 © 55 | 7Ω55 7Ω42 | 9 mg 16 9 mg 13 |
| 5S 6S | 10858 10852 | 9П20 9П05 | 6©16 5©52 | 5Ω29 5Ω15 | 7 m, 01 6 m, 57 | 11858 11853 | 101116 101101 | 7©12 6©48 | 6Ω29 6Ω15 | 8 mg 05 8 mg 02 | 12858 12853 | 11Д11 10Д56 | 8©07 7©43 | 7Ω28 7Ω15 | 9 mg 10 9 mg 07 |
| 7S 8S | 10847 10841 | 8II 50 8II 35 | 5©28 5©04 | 5Ω01 4Ω47 | 6 m 54 6 m 50 | 11847 11841 | 9П45 9П30 | 6©24 5©59 | 6Ω01 5Ω47 | 7 m, 59 | 12847 12841 | 10 Д41 10 Д26 | 7©19 6©55 | 7Ω01 6Ω48 | 9 mg 04 9 mg 00 |
| 9S | 10836 | 8П20 | 4939 | 48147 4£33 | 6 mg 47 | 11836 | 9Д30 | 5935 | 5 N 33 | 7 m, 52 | 12836 | 10 Д 20 | 6930 | 6Ω34 | 8 m, 57 |
| 10S 11S | 10831 10825 | 8П05 7П49 | 4୭14 3୭50 | 4Ω19 4Ω04 | 6 m/43 6 m/39 | 11830 11825 | 9П00 8П45 | 5ഇ10 4ഇ45 | 5Ω19 5Ω05 | 7 mg 48 7 mg 45 | 12830 12824 | 9П55 9П40 | 6୭06 5୭41 | 6Ω20 6Ω06 | 8 m 54 8 m 51 |
| 12S | 10819 | 7Д34 | 3©25 | 3 A 50 | 6 mg 36 | 11819 | 8П29 | 4গু20 | 4 Ω 50 | 7 m 42 | 12818 | 9П24 | 5ഇ16 | 5 Q 5 1 | 8 m/ 47 |
| 13S 14S | 10814 10808 | 7П19 7П04 | 2©59 2©34 | 3 N 35 3 N 20 | 6 mg 32 6 mg 28 | 11813 | 8П14 7П59 | 3©55 3©29 | 4Ω36 4Ω21 | 7 m/38 7 m/34 | 12813 12807 | 9Д09 8Д53 | 4950 4925 | 5 N 37 5 N 22 | 8 mg 44 8 mg 41 |
| 15S | 10803 | 6Ц48 | 2508 | 3⋒04 | 6 m, 25 | 11802 | 7П43 | 3903 | 4Ω05 | 7 m/31 | 12801 | 8Д38 | 3959 | 5 Q 07 | 8 mg 37 |
| 16S 17S | 9 8 57 9 8 51 | 6Д33 6Д17 | 19542 19516 | 2Ω49 2Ω33 | 6 mg 21 6 mg 17 | 10856 10850 | 7Д27 7Д12 | 2 9 37 2 9 11 | 3 Ω 50 3 Ω 34 | 7 m, 27 7 m, 23 | 11855 11849 | 8П22 8П06 | 3©33 3©07 | 4Ω51 4Ω36 | 8 mp 34 8 mp 30 |
| 18S | 9846 | 6Д01 | 0949 | 2 Q 17 | 6 mg 13 | 10845 | 6П56 | 19544 | 3 N 18 | 7 m/20 | 11843 | 7Д50 | 25540 | 4Ω20 | 8 m 27 |
| 19S 20S | 9840 9834 | 5П45 5П29 | 0©22 29П55 | 2Ω01 1Ω44 | 6 m, 09 | 10839 10833 | 6П40 6П24 | 1©18 0©50 | 3Ω02 2Ω46 | 7 m 16 | 11837 | 7Д34 7Д18 | 2©13 1©46 | 4Ω04 3Ω48 | 8 mg 23 8 mg 19 |
| 21S | 9828 | 5П13 | 29П28 | 1 ຄ 27 | 6 mg 05 6 mg 01 | 10827 | 6П07 | 0ഇ23 | 2 ນ 29 | 7 m, 12 7 m, 08 | 11831 11825 | 7П01 | 19518 | 3⋒31 | 8 mg 15 |
| 22S 23S | 9822 9816 | 4П57 4П40 | 29П00 28П31 | 1 ຄ 09 0 ຄ 52 | 5 m, 56 5 m, 52 | 10821 10815 | 5П51 5П34 | 29 II 55 29 II 26 | 2Ω11 1Ω54 | 7 mg 04 7 mg 00 | 11819 11813 | 6П45 6П28 | 0න50 0න21 | 3Ω14 2Ω56 | 8 mg 11 8 mg 07 |
| 24S | 9810 | 4II 24 | 28耳03 | 0ຄ32 | 5 m/ 48 | 10808 | 5II18 | 28 II 57 | 1 236 | 6 m 55 | 11807 | 6П11 | 29П52 | 2038 | 8 mg 03 |
| 25S | 9804 8858 | 4П07 3П50 | 27 II 34 27 II 04 | 0Ω15 29©56 | 5 m/ 43 5 m/ 38 | 10802 9856 | 5 I I01 | 28 II 28 27 II 58 | 1Ω17 0Ω59 | 6 m 51 | 11800 10854 | 5П54 5П37 | 29 II 23 28 II 53 | 2Ω20 2Ω02 | 7 m 59 |
| 26S 27S | 8 8 52 | 3Д30 | 26 II 34 | 29@30 29@37 | 5 m/ 34 | 9850 | 4П43 4П26 | 27 II 38 27 II 28 | 08239 0Ω39 | 6 mg 47 6 mg 42 | 10834 | 5Д37 | 28 II 23 | 1 Ω 42 | 7 m 55 7 m 51 |
| 28S 29S | 8845 8839 | 3П15 2П57 | 26 II 03 25 II 32 | 29©17 28©56 | 5 m/29 5 m/24 | 9843 9836 | 4П08 3П50 | 26 II 58 26 II 26 | 0Ω20 29©59 | 6 mg 37 6 mg 33 | 10841 10834 | 5Д01 4Д43 | 27 II 52 27 II 21 | 1 Ω 23 1 Ω 02 | 7 m/46 7 m/42 |
| 30S | 8832 | 2П37 | 25 II 00 | 28935 | 5 mg 19 | 9830 | 3 Д 32 | 25 II 54 | 29538 | 6 mg 28 | 10827 | 4II25 | 26 II 49 | 0Ω42 | 7 mp 37 |
| 31S | 8826 | 2П21 | 24П28 | 28514 | 5 m, 13 | 9823 | 3П14 | 25 1122 | 29517 | 6 m 23 | 10820 | 4 <u>II</u> 06 | 26 II 16 | 0 Ω 20 | 7 m 32 |
| 32S 33S | 8819 8812 | 2 II 02 1 II 44 | 23 II 55 23 II 22 | 27©51 27©28 | 5 m, 08 5 m, 03 | 9816 9809 | 2Д55 2Д36 | 24 II 49 24 II 15 | 28©55 28©32 | 6 mg 18 6 mg 12 | 10813 10806 | 3 Д 47 3 Д 28 | 25 II 43 25 II 09 | 29©58 29©36 | 7 m, 27 7 m, 22 |
| 34S | 8805 | 1П24 | 22 Д 47 | 27©05 | 4 m, 57 | 9802 | 2П16 | 23 Д41 | 28508 | 6 mg 07 | 9859 | 3п08 | 24 11 34 | 29512 | 7 m, 17 |
| 35S 36S | 7858 7851 | 1П05 0П45 | 22 II 13 21 II 37 | 26940 26915 | 4 m ₂ 51 4 m ₂ 45 | 8 8 55 8 8 47 | 1Д56 1Д36 | 23 II 05 22 II 29 | 275644 275619 | 6 mg 01 5 mg 55 | 9851 9844 | 2 П 48 2 П 28 | 23 II 59 23 II 22 | 28©48 28©23 | 7 mg 11 7 mg 06 |
| 37S | 7843 | 0П24 | 21 11 00 | 25@48 | 4 m 38 | 8839 | 1П16 | 21 II 53 | 26552 | 5 m 49 | 9836 | 2П07 | 22 11 45 | 27957 | 7 m, 00 |
| 38S 39S | 7835 7828 | 0П03 29 8 42 | 20П23 19П45 | 25©21 24©53 | 4 m/32 4 m/25 | 8832 8824 | 0Д55 0Д33 | 21 II 15 20 II 36 | 26©25 25©57 | 5 m/ 43 5 m/ 36 | 9828 9820 | 1 П 46 1 П 24 | 22 II 07 21 II 28 | 27©30 27©02 | 6 m 54 6 m 48 |
| 40S | 7820 | 29820 | 19П05 | 24924 | 4 m/ 18 | 8816 | 0п11 | 19П57 | 25©28 | 5 m/ 30 | 9811 | 1 п 02 | 20П48 | 26ഇ33 | 6 mg 41 |
| 41S 42S | 7812 7803 | 28 8 58 28 8 35 | 18П25 17П44 | 23@53 23@21 | 4 mg 11 4 mg 03 | 8 8 07 7 8 59 | 29848 29825 | 19П16 18П35 | 24©58 24©26 | 5 m, 23 5 m, 15 | 9803 8854 | 0Д39 0Д16 | 20 II 08 19 II 26 | 26©03 25©31 | 6 m 35 6 m 28 |
| 43S | 6855 | 28812 | 17П02 | 22548 | 3 m/ 55 | 7 8 50 | 29802 | 17Д52 | 23553 | 5 m, 08 | 8845 | 29852 | 18П42 | 24558 | 6 mg 21 |
| 44S 45S | 6 8 46 6 8 37 | 27848 27823 | 16П18 15П33 | 22©13 21©37 | 3 mp 47 3 mp 38 | 7841 7832 | 28 8 37 28 8 12 | 17П08 16П23 | 23©18 22©42 | 5 m, 00 4 m, 51 | 8836 8826 | 29827 29802 | 17П58 17П13 | 24©23 23©47 | 6 mp 13 6 mp 05 |
| 46S | 6827 | 26858 | 14П47 | 20ഇ59 | 3 m/ 29 | 7822 | 27847 | 15Д36 | 22503 | 4 m/43 | 8817 | 28836 | 16耳26 | 23509 | 5 m 57 |
| 47S 48S | 6818 6808 | 26 8 31 26 8 05 | 14 II 00 13 II 11 | 20©18 19©36 | 3 m, 19 3 m, 09 | 7812 7802 | 27820 26853 | 14П49 13П59 | 21©23 20©41 | 4 m/34 4 m/24 | 8806 7856 | 28 8 09 27 8 41 | 15 Д 37 14 Д 47 | 22©29 21©46 | 5 mg 48 5 mg 39 |
| 49S | 5857 | 25837 | 12П21 | 18©51 | 2 m 59 | 6851 | 26825 | 13 Д 09 | 19\$56 | 4 m/ 14 | 7845 | 27813 | 13 Д 56 | 21502 | 5 m 29 |
| 50S 51S | 5847 5836 | 25 8 08 24 8 39 | 11Д29 10Д36 | 18ඉ04 17ඉ14 | 2 m/48 2 m/36 | 6840 6829 | 25856 25826 | 12 Д 16 11 Д 22 | 19©09 18©19 | 4 m 03 3 m 52 | 7834 7823 | 26 8 43 26 8 13 | 13 II 03 12 II 08 | 20©14 19©24 | 5 mg 19 5 mg 08 |
| 52S | 5824 | 24808 | 9Д41 | 16ഇ20 | 2 m/ 23 | 6817 | 24855 | 10 Д 26 | 17©25 | 3 m/40 | 7811 | 25842 | 11 II 12 | 18531 | 4 m/ 56 |
| 53S 54S | 5812 5800 | 23 8 36 23 8 04 | 8П44 7П45 | 15©23 14©22 | 2 m, 10 1 m, 56 | 6805 5853 | 24823 23849 | 9П28 8П29 | 16©28 15©27 | 3 m/ 27 3 m/ 13 | 6858 6845 | 25 8 09 24 8 35 | 10П13 9П13 | 17©33 16©32 | 4 mp 44 4 mp 31 |
| 55S | 4847 | 22830 | 6П44 | 13917 | 1 m/ 40 | 5840 | 23815 | 7П27 | 14521 | 2 m/ 59 | 6832 | 24800 | 8П10 | 15@26 | 4 m, 17 |
| 56S 57S | 4834 4820 | 21854 21818 | 5П41 4П35 | 12 ඉ 06 10 ඉ 50 | 1 m/24 1 m/06 | 5826 5811 | 22839 22802 | 6П23 5П17 | 13©10 11©54 | 2 m/43 2 m/26 | 6818 6803 | 23 8 24 22 8 46 | 7П05 5П58 | 14©15 12©58 | 4 m 02 3 m 46 |
| 58S | 4805 | 20839 | 3 Д 28 | 9ള27 | 0 m/ 47 | 4856 | 21823 | 4 I 108 | 10530 | 2 m 08 | 5848 | 22806 | 4П49 | 11534 | 3 m/ 29 |
| 598 | 3850 | 19859 | 2Д18 | 7957 | 0 m 26 | 4841 | 20842 | 2Д57 | 8959 | 1 m 48 | 5832 | 21825 | 3Д36 | 10502 | 3 mp 10 |
| 60S 61S | 3834 3817 | 19 8 18 | 1П05 29 8 49 | 6୭18 4୭28 | 0 m 04 29 Ω 39 | 4824 4807 | 20800 19816 | 1 Д 43 0 Д 27 | 7©19 5©27 | 1 m/26 1 m/02 | 5815 4857 | 20842 19857 | 2П22 1П04 | 8521 6528 | 2 m/49 2 m/26 |
| 62S | 2859 | 17849 | 28831 | 2925 | 29 ม 11 | 3849 | 18829 | 29807 | 3 5 2 3 | 0 mg 36 | 4838 | 19810 | 29843 | 4গু22 | 2 m/01 |
| 63S 64S | 2840 2820 | 17801 16811 | 27810 25846 | 0©07 27∏29 | 28 A 41 28 A 06 | 3829 3809 | 17841 16850 | 27 8 45 26 8 19 | 1©02 28∏21 | 0 m 07 29 Ω 34 | 4818 3857 | 18 82 1 17 82 9 | 28 8 19 26 8 52 | 1©59 29П15 | 1 m 34 1 m 03 |
| 65S | 1859 | 15819 | 24818 | 241125 | 27£28 | 2847 | 15856 | 24850 | 25 Ц 13 | 28£057 | 3835 | 16834 | 25822 | 26П01 | 0 m/28 |
| 66S pc | 1837 1823 | 14823 13851 | 22847 21855 | 20 II 47 18 II 30 | 26Ω43 26Ω15 | 2824 2810 | 15 8 00 14 8 27 | 23 8 17 22 8 24 | 21 Д27 19 Д04 | 28Ω15 27Ω49 | 3811 2857 | 15 8 37 15 8 03 | 23 8 48 22 8 53 | 22 П 08 19 П 38 | 29 A 48 29 A 22 |
| | | | | eliptic of | | | | | | | 2037 | 13003 | 22033 | 171130 | 278622 |

| | Sid.Tin MC: | | 8m AR 202'38 | RMC: 12 | 2°00' | Sid.Tir MC: | | 2m AR '07'27 | MC: 13 | 3°00' | Sid.Tir MC: | ne: 0h50 | 6m AR | RMC: 14 | l°00' |
|--------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|----------------------|----------------------------------|-------------------------|----------------------------------|----------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 14827 | 13 Д 24 | 11902 | 9ຄ33 | 10 m, 29 | 15827 | 14П19 | 11957 | 10ຄ32 | 11 m/34 | 16827 | 15 Д 15 | 12953 | 11 a 32 | 12 m, 38 |
| 1S | 14821 | 13 Д 08 | 10ഇ38 | 9ຄ20 | 10 m/27 | 15822 | 14Ⅲ04 | 11534 | 10⋒20 | 11 mg 31 | 16821 | 15П00 | 12©29 | 11 № 20 | 12 mg 36 |
| 2S | 14816 | 12 Д 53 | 10514 | 9⋒08 | 10 m 24 | 15816 | 13 Д 49 | 119510 | 10Ω07 | 11 m 28 | 16815 | 14 Д 44 | 12506 | 11Ω07 | 12 m 33 |
| 3S 4S | 14810 14804 | 12 II 38 12 II 22 | 9 9 51 9 9 27 | 8 N 55 8 N 42 | 10 mg 21 10 mg 18 | 15 8 10 15 8 04 | 13 II 33 13 II 18 | 10ණ46 10ණ23 | 9Ω54 9Ω41 | 11 m/26 11 m/23 | 16 8 10 | 14П29 14П13 | 115642 115618 | 10Ω54 10Ω42 | 12 m 30 12 m 28 |
| | | | 9903 | | | 14858 | | | | | | | | | |
| 5S 6S | 13858 13852 | 12 II 07 11 II 52 | 8939 | 8 ຄ 2 8 8 ຄ 1 5 | 10 mp 15 10 mp 12 | 14858 | 13 II 03 12 II 47 | 9©59 9©35 | 9 ຄ 28 9 ຄ 15 | 11 mg 20 11 mg 17 | 15858 15852 | 13 II 58 13 II 43 | 10ഇ55 10ഇ31 | 10Ω29 10Ω16 | 12 m 25 12 m 22 |
| 7S | 13847 | 11 II 36 | 8 9 35 | 8 N 02 | 10 mg 12 | 14846 | 12 Д 32 | 9911 | 9202 | 11 mg 17 | 15846 | 13 Д 27 | 10906 | 10 Ω 03 | 12 mg 20 |
| 8S | 13841 | 11П21 | 7ඉ50 | 7£48 | 10 m 06 | 14840 | 12П16 | 85946 | 8£49 | 11 m, 11 | 15840 | 13 Д 12 | 9542 | 9⋒50 | 12 m 17 |
| 9S | 13835 | 11Д06 | 7ഇ26 | 7£34 | 10 mg 03 | 14834 | 12П01 | 8922 | 8£35 | 11 mg 09 | 15834 | 12Д56 | 9918 | 9⋒36 | 12 mg 14 |
| 10S | 13829 | 10П50 | 7ഇ01 | 7 N 20 | 10 mg 00 | 14829 | 11П46 | 7957 | 8£21 | 11 mg 06 | 15828 | 12П41 | 8953 | 9ຄ23 | 12 m 12 |
| 118 | 13823 | 10 Д 35 | 6936 | 7206 | 9 m 57 | 14823 | 11 Д 30 | 7932 | 8£08 | 11 m 03 | 15822 | 12 Д 25 | 8528 | 9209 | 12 m 09 |
| 12S 13S | 13 8 18 13 8 12 | 10 II 19 10 II 04 | 6୭11 5୭46 | 6N52 6N38 | 9 m 53 9 m 50 | 14817 14811 | 11 II 14 10 II 59 | 7 ඉ 07 6 ඉ 42 | 7 N 53 7 N 39 | 11 m, 00 10 m, 57 | 15 8 16 | 12 II 09 11 II 54 | 8©03 7©38 | 8 N 55 8 N 41 | 12 mg 06 12 mg 03 |
| 14S | 13806 | 9П48 | 5920 | 6 N 23 | 9 m 47 | 14805 | 10П43 | 6916 | 7 N 25 | 10 mg 54 | 15803 | 11 Д38 | 7 © 38 | 8 N 27 | 12 m 00 |
| 15S | 13800 | 9П32 | 4955 | 6A08 | 9 mg 44 | 13859 | 10П27 | 5ഇ50 | 7 Ω 10 | 10 m ₂ 50 | 14857 | 11 Д22 | 6946 | 8 Ω 12 | 11 m ₂ 57 |
| 16S | 12854 | 9П17 | 4929 | 5 N 53 | 9 m 40 | 13853 | 10II1 | 5924 | 6£55 | 10 mg 47 | 14851 | 11 Д06 | 6920 | 7.057 | 11 m 54 |
| 17S | 12848 | 9П01 | 4গু02 | 5 Ω 38 | 9 m, 37 | 13847 | 9П55 | 4গু58 | 6 Ω 40 | 10 mg 44 | 14845 | 10Д50 | 5ഇ54 | 7ብ42 | 11 m/51 |
| 18S | 12842 | 8П45 | 3935 | 5 A 2 2 | 9 m 34 | 13840 | 9Д39 | 4531 | 6Ω24 | 10 m 41 | 14839 | 10 Д 33 | 5927 | 7Ω27 | 11 m 48 |
| 19S | 12836 | 81128 | 3508 | 5 N 06 | 9 mg 30 | 13834 | 9П23 | 4904 | 6£09 | 10 m 37 | 14832 | 10П17 | 5900 | 7Ω11 | 11 m 45 |
| 20S 21S | 12830 12823 | 8П12 7П56 | 2541 2513 | 4Ω50 4Ω33 | 9 m/26 9 m/23 | 13828 13822 | 9П06 8П50 | 3©37 3©09 | 5 | 10 m 34 | 14826 14820 | 10П00 9П44 | 4932 4905 | 6£35 6£39 | 11 m/42 11 m/39 |
| 21S 22S | 12823 | 7Д36 | 19945 | 48133 4Ω16 | 9 mg 23 | 13822 | 8Д30 8Д33 | 25641 | 5 N 19 | 10 mg 31 10 mg 27 | 14820 | 9Д44 | 3936 | 6 <i>Ω</i> 22 | 11 mp 35 |
| 23S | 12811 | 7П22 | 19316 | 3259 | 9 m 15 | 13809 | 8п16 | 2912 | 5 N 02 | 10 m/24 | 14807 | 9п10 | 3907 | 6£06 | 11 m 32 |
| 24S | 12804 | 7 I I05 | 0947 | 3⋒41 | 9 m, 12 | 13802 | 7П59 | 19543 | 4 <i>0</i> .45 | 10 mg 20 | 14800 | 8П52 | 2938 | 5Ω48 | 11 m/28 |
| 25S | 11858 | 6 I I48 | 0ഇ18 | 3 № 23 | 9 mg 08 | 12856 | 7П41 | 1513 | 4 <i>û</i> 27 | 10 mg 16 | 13853 | 8Д35 | 2509 | 5 Q 30 | 11 m/25 |
| 26S | 11851 | 6П30 | 29П48 | 3205 | 9 m 04 | 12849 | 7П24 | 0943 | 4Ω08 | 10 m 12 | 13846 | 8п17 | 1939 | 5Ω12 | 11 m/21 |
| 27S 28S | 11845 11838 | 6П12 5П55 | 29 II 18 28 II 47 | 2 N 46 2 N 26 | 8 m 59 8 m 55 | 12842 12835 | 7II 06 6II 48 | 0©13 29∏41 | 3 € 49 3 € 3 € 3 | 10 mg 08 10 mg 04 | 13840 13833 | 7Д59 7Д41 | 1©08 0©37 | 4Ω54 4Ω34 | 11 mp 18 11 mp 14 |
| 29S | 11831 | 5Д36 | 28 II 15 | 2206 | 8 m/ 51 | 12828 | 6П29 | 29 Д 10 | 3 N 10 | 10 mg 00 | 13825 | 7 Д 22 | 0937 0905 | 4Ω15 | 11 mp 10 |
| 30S | 11824 | 5п18 | 27П43 | 1 Q 46 | 8 mp 46 | 12821 | 6П11 | 28П37 | 2£050 | 9 mg 56 | 13818 | 7П03 | 29 Д32 | 3 Q 54 | 11 m 06 |
| 31S | 11817 | 4II 59 | 27 II 10 | 1 24 | 8 m/42 | 12814 | 5П52 | 28 II 04 | 2 \Omega 29 | 9 m 52 | 13811 | 6П44 | 28П59 | 3 ⋒34 | 11 m 02 |
| 32S | 11810 | 4 I I40 | 26П37 | 1 0 0 2 | 8 m/ 37 | 12807 | 5П32 | 27П31 | 2Ω07 | 9 m 47 | 13803 | 6П25 | 28П25 | 3 & 12 | 10 m 58 |
| 33S 34S | 11803 10855 | 4 II 20 4 II 00 | 26 II 02 25 II 28 | 0Ω40 0Ω17 | 8 m 32 8 m 27 | 11859 11852 | 5 II 13 4 II 53 | 26 II 56 26 II 21 | 1 ຄ 45 1 ຄ 22 | 9 m, 43 9 m, 38 | 12856 12848 | 6П05 5П45 | 27 II 51 27 II 15 | 2 N 50 2 N 27 | 10 m 53 10 m 49 |
| - 1 | | | 24 II 52 | 29@53 | | | | | | | | | | | 10 mg 44 |
| 35S 36S | 10848 10840 | 3 II 40 3 II 20 | 24 II 52 24 II 15 | 29953 | 8 m, 22 8 m, 17 | 11844 11836 | 4用32 4用11 | 25 II 45 25 II 09 | 0Ω58 0Ω33 | 9 m 33 9 m 28 | 12840 12832 | 5 II 24 5 II 03 | 26 II 39 26 II 02 | 2 N 03 1 N 39 | 10 mp 39 |
| 37S | 10832 | 2П59 | 23 Д 38 | 29502 | 8 mg 11 | 11828 | 3II50 | 24 II 31 | 0 ຄ 0 7 | 9 m 23 | 12824 | 4II42 | 25 II 24 | 1 & 13 | 10 mg 34 |
| | 10824 | | 23 Д 00 | 28@35 | | 11820 | | 23 Д 53 | | | 12816 | | 24П46 | | |
| 39S | 10815 | 2П15 | 22 Д21 | 28507 | 8 mg 00 | 11811 | 3П06 | 23 П 13 | 29\$13 | 9 m, 12 | 12807 | 3 Д 57 | 24П06 | 0 Ω 19 | 10 mg 24 |
| 40S | 10807 | 1 Д 53 | 21 11 40 | 27538 | 7 m 54 | 11803 | 2П43 | 22 Д 33 | 28544 | 9 mg 06 | 11858 | 3 Д 34 | 23 Д25 | 29\$50 | 10 mg 18 |
| 41S 42S | 9858 9849 | 1 II 29 1 II 06 | 20П59 20П17 | 27©08 26©36 | 7 mp 47 7 mp 41 | 10 8 54 10 8 45 | 2 II 20 1 II 56 | 21 II 51 21 II 08 | 28©14 27©43 | 9 mg 00 8 mg 54 | 11849 11840 | 3П11 2П47 | 22 II 43 22 II 00 | 29©21 28©49 | 10 m 13 10 m 07 |
| 43S | 9840 | 0П42 | 19П33 | 26904 | 7 m/ 34 | 10835 | 1 Д 30 | 20 II 24 | 279510 | 8 mg 47 | 11830 | 2П22 | 21 II 16 | 28517 | 10 mg 01 |
| 44S | 9831 | 0п17 | 18П49 | 25ഇ29 | 7 m/ 26 | 10826 | 1П06 | 19П39 | 26935 | 8 m/ 40 | 11820 | 1Д56 | 20П30 | 279343 | 9 m 54 |
| 45S | 9821 | 29851 | 18П03 | 24\$53 | 7 m, 19 | 10816 | 0П41 | 18П53 | 25©59 | 8 mg 33 | 11810 | 1Д30 | 19П43 | 27907 | 9 m/47 |
| 46S | 9811 | 29825 | 17II 15 | 24915 | 7 m 11 | 10806 | 0П14 | 18耳05 | 25922 | 8 m 25 | 11800 | 1 Д 03 | 18耳55 | 26529 | 9 m 40 |
| 47S 48S | 9801 8850 | 28 8 58 28 8 30 | 16П26 15П36 | 23@35 22@53 | 7 m 03 6 m 54 | 9 8 55 9 8 44 | 29846 29818 | 17 II 16 16 II 25 | 24942 24900 | 8 mg 17 8 mg 09 | 10849 10838 | 0Д35 0Д07 | 18II 05 17II 14 | 25©49 25©07 | 9 m 33 9 m 25 |
| 49S | 8839 | 28801 | 14 II 44 | 22908 | 6 m/ 45 | 9833 | 28849 | 15 II 32 | 23915 | 8 mg 00 | 10838 | 29837 | 16Д21 | 24923 | 9 mg 16 |
| 50S | 8828 | 27831 | 13 Д 50 | 21 5 21 | 6 mp 35 | 9821 | 28819 | 14П38 | 22528 | 7 m ₂ 51 | 10815 | 29807 | 15П26 | 23@35 | 9 mp 08 |
| 51S | 8816 | 27800 | 12 Д 55 | 20@30 | 6 m 24 | 9809 | 27848 | 13 Д42 | 21937 | 7 m/ 41 | 10802 | 28835 | 14 Д 29 | 22545 | 8 m 58 |
| 52S | 8804 | 26828 | 11 11 58 | 19537 | 6 m 14 | 8857 | 27815 | 12 П 44 | 20544 | 7 m 31 | 9850 | 28802 | 13 11 30 | 21@52 | 8 m 49 |
| 53S 54S | 7851 7838 | 25 8 55 25 8 21 | 10П59 9П57 | 18 9 40 17 9 38 | 6 mg 02 5 mg 49 | 8844 8830 | 26 8 42 26 8 07 | 11 П 44 10 П 42 | 19947 18945 | 7 m, 20 7 m, 08 | 9836 9823 | 27828 26853 | 12 II 30 11 II 27 | 20©54 19©53 | 8 mg 38 8 mg 27 |
| - 1 | | | | | | | | | | | | | | | |
| 55S 56S | 7824 7810 | 24846 24809 | 8П54 7П48 | 16932 15921 | 5 m/ 36 5 m/ 22 | 8816 8801 | 25 8 31 24 8 53 | 9П38 8П31 | 17©39 16©27 | 6 m 56 6 m 42 | 9808 8853 | 26 8 16 25 8 38 | 10П22 9П14 | 18 9 47 | 8 mp 15 8 mp 02 |
| 57S | 6855 | 23830 | 6 I I40 | 14503 | 5 m, 07 | 7846 | 24814 | 7П22 | 15909 | 6 m 27 | 8837 | 24859 | 8П04 | 16917 | 7 mg 49 |
| 58S | 6839 | 22850 | 5П29 | 12539 | 4 m 50 | 7 8 30 | 23834 | 6П10 | 13545 | 6 mg 12 | 8821 | 24817 | 6Д51 | 14951 | 7 m/34 |
| 59S | 6822 | 22808 | 4П16 | 11506 | 4 m 32 | 7813 | 22851 | 4Ц56 | 125611 | 5 m, 55 | 8804 | 23834 | 5Ц36 | 135518 | 7 mp 18 |
| 60S | 6805 | 21824 | 3П00 | 9524 | 4 m 12 | 6855 | 22807 | 3П39 | 10©28 | 5 m 36 | 7845 | 22849 | 4II17 | 11534 | 7 m 00 |
| 61S 62S | 5847 5827 | 20 8 39 19 8 51 | 1П41 0П19 | 7930 5922 | 3 m 51 3 m 27 | 6836 6817 | 21820 20831 | 2П18 0П55 | 8 9 33 6 9 24 | 5 mg 16 4 mg 53 | 7826 7806 | 22802 21812 | 2Д56 1Д31 | 9 © 38 7 © 27 | 6 m 41 6 m 20 |
| 63S | 5 8 07 | 19800 | 28 8 54 | 2957 | 3 mg 01 | 5856 | 19840 | 29 В 29 | 3956 | 4 m 28 | 6845 | 20820 | 0Д03 | 4957 | 5 m 56 |
| 64S | | | 27825 | 0909 | 2 m/ 31 | 5834 | 18846 | 27859 | 1905 | 4 m 01 | 6822 | 19825 | 28832 | 2502 | 5 m/ 30 |
| | 4846 | 18808 | 27023 | 0 - 07 | | | | | | | | | | | |
| 65S | 4846 4823 | 17812 | 25853 | 26П51 | 1 m ₂ 58 | 5810 | 17850 | 26825 | 27П42 | 3 m, 29 | 5858 | 18828 | 26857 | 28 Д 34 | 5 m/01 |
| 65S 66S | | | | | | | 17850 16850 16816 | 26825 24848 23852 | 27 II 42 23 II 30 20 II 46 | 3 m/29 2 m/54 | 5858 5832 5817 | 18828 17827 16851 | 26857 25818 24821 | 28 II 34 24 II 13 21 II 19 | 5 m 01 4 m 27 4 m 06 |

| 1S 2S 3S 4S 5S 6S 7S 8S 9S 10S 11S 12S | 11 17827 17821 17815 17809 17803 16857 16851 16845 16839 16833 16827 16821 16814 16808 | 12 16 11 15 | Asc 13 \$\pi 48\$ 13 \$\pi 25\$ 13 \$\pi 01\$ 12 \$\pi 38\$ 12 \$\pi 14\$ 11 \$\pi 50\$ 11 \$\pi 27\$ 11 \$\pi 02\$ 10 \$\pi 38\$ 10 \$\pi 14\$ | 2 12 \(\alpha \) 32 12 \(\alpha \) 19 12 \(\alpha \) 07 11 \(\alpha \) 55 11 \(\alpha \) 42 11 \(\alpha \) 29 11 \(\alpha \) 17 11 \(\alpha \) 04 10 \(\alpha \) 51 | 3 13 m, 43 13 m, 40 13 m, 38 13 m, 35 13 m, 33 13 m, 30 13 m, 28 | 11 18827 18821 18815 18809 18802 | 12 17 II 06 16 II 51 16 II 35 16 II 20 | Asc 14@44 14@21 | 2 13 \Omega 32 | 3 14 m 47 | 11 19827 | 12 18 II 02 | Asc | 2 | 3 |
|---|--|---|--|---|---|---|--|--------------------------------|-------------------|--|----------------------------------|----------------------------------|----------------------------------|--------------------|--|
| 1S 2S 3S 4S 5S 6S 7S 8S 9S 10S 11S 12S | 17821 17815 17809 17803 16857 16851 16845 16839 16833 16827 16821 16814 | 15 II 55 15 II 40 15 II 24 15 II 09 14 II 53 14 II 38 14 II 22 14 II 07 13 II 51 13 II 36 | 13\$25 13\$01 12\$38 12\$14 11\$50 11\$27 11\$02 10\$38 | 12 \(\Omega 19 \) 12 \(\Omega 07 \) 11 \(\Omega 55 \) 11 \(\Omega 42 \) 11 \(\Omega 29 \) 11 \(\Omega 17 \) 11 \(\Omega 04 \) | 13 m 40 13 m 38 13 m 35 13 m 33 13 m 30 | 18821 18815 18809 18802 | 16П51 16П35 | | 13 2 32 | 14 m 47 | 19827 | 18 π 02 | 15 € 40 | 14.022 | 15 50 |
| 2S 3S 4S 5S 6S 7S 8S 9S 10S 11S 12S | 17815 17809 17803 16857 16851 16845 16839 16833 16827 16821 16814 | 15 II 40 15 II 24 15 II 09 14 II 53 14 II 38 14 II 22 14 II 07 13 II 51 13 II 36 | 13©01 12©38 12©14 11©50 11©27 11©02 10©38 | 12 \(\O 07 \) 11 \(\O 55 \) 11 \(\O 42 \) 11 \(\O 29 \) 11 \(\O 17 \) 11 \(\O 04 \) | 13 m 38 13 m 35 13 m 33 13 m 30 | 18815 18809 18802 | 16П35 | 14921 | | | 17027 | 10 11 02 | 139940 | 14 <i>ω</i> 32 | 15 m, 52 |
| 3S 4S 5S 6S 7S 8S 9S 10S 11S 12S | 17809 17803 16857 16851 16845 16839 16833 16827 16821 16814 | 15 II 24 15 II 09 14 II 53 14 II 38 14 II 22 14 II 07 13 II 51 13 II 36 | 12@38 12@14 11@50 11@27 11@02 10@38 | 11 \alpha 55 11 \alpha 42 11 \alpha 29 11 \alpha 17 11 \alpha 04 | 13 m 35 13 m 33 13 m 30 | 18 8 09 18 8 02 | | | 13 Q 19 | 14 m/45 | 19820 | 17 I I46 | 15গু16 | 14 <i>Ω</i> 20 | 15 m 50 |
| 4S 5S 6S 7S 8S 9S 10S 11S 12S | 17803 16857 16851 16845 16839 16833 16827 16821 16814 | 15 II 09 14 II 53 14 II 38 14 II 22 14 II 07 13 II 51 13 II 36 | 12©14 11©50 11©27 11©02 10©38 | 11 \alpha 42 11 \alpha 29 11 \alpha 17 11 \alpha 04 | 13 m 33 13 m 30 | 18802 | 16 Ⅱ 20 | 13957 | 13 Ω 07 | 14 m 43 | 19814 | 17П31 | 14953 | 14Ω08 | 15 m 48 |
| 5S 6S 7S 8S 9S 10S 11S 12S | 16857 16851 16845 16839 16833 16827 16821 16814 | 14 II 53 14 II 38 14 II 22 14 II 07 13 II 51 13 II 36 | 11©50 11©27 11©02 10©38 | 11 \alpha 29 11 \alpha 17 11 \alpha 04 | 13 m 30 | | 16 I I04 | 13©34 13©10 | 12Ω55 12Ω43 | 14 mp 40 14 mp 38 | 19808 19802 | 17II15 17II00 | 14 ඉ 30 14 ඉ 06 | 13 Ω 56 13 Ω 43 | 15 m/46 15 m/44 |
| 6S 7S 8S 9S 10S 11S 12S | 16851 16845 16839 16833 16827 16821 16814 | 14 II 38 14 II 22 14 II 07 13 II 51 13 II 36 | 11©27 11©02 10©38 | 11Ω17 11Ω04 | | 11/4/2/ | | | | | | | | | 15 m 41 |
| 7S 8S 9S 10S 11S 12S | 16845 16839 16833 16827 16821 16814 | 14 II 22 14 II 07 13 II 51 13 II 36 | 11©02 10©38 | 11⋒04 | | 17856 17850 | 15П49 15П33 | 12©46 12©23 | 12Ω30 12Ω18 | 14 mg 36 14 mg 34 | 18 8 55 | 16 II 44 16 II 28 | 13©43 13©19 | 13 Ω 31 13 Ω 19 | 15 mp 41 15 mp 39 |
| 9S 10S 11S 12S | 16833 16827 16821 16814 | 13 Д 51 13 Д 36 | | 10.051 | 13 m/ 25 | 17844 | 15 II 18 | 11959 | 12005 | 14 mg 31 | 18843 | 16 II 13 | 12955 | 13 Ω 06 | 15 mg 37 |
| 10S 11S 12S | 16827 16821 16814 | 13 Д 36 | 10១14 | 100631 | 13 m 23 | 17838 | 15II02 | 11534 | 11 A 52 | 14 m 29 | 18837 | 15II57 | 12531 | 12£53 | 15 m 35 |
| 11S 12S | 16 8 21 16 8 14 | | | 10⋒37 | 13 m/20 | 17832 | 14 I I46 | 115510 | 11 Q 39 | 14 m/26 | 18830 | 15П41 | 12ഇ06 | 12 <i>0</i> 41 | 15 m/33 |
| 12S | 16814 | 13 II 20 | 9549 | 10⋒24 | 13 m/18 | 17825 | 14 I I31 | 10ഇ45 | 11 Q 26 | 14 m/24 | 18824 | 15П26 | 11942 | 12 0 28 | 15 m/30 |
| | | 12 77 04 | 9924 | 10Ω10 | 13 m 15 | 17819 | 14II 15 | 10@21 | 11 \Q 12 | 14 m 21 | 18818 | 15 II 10 | 11917 | 12.014 | 15 m 28 |
| 130 | | 13 п 04 12 п 48 | 8 ୭ 59 8 ୭ 34 | 9Ω57 9Ω43 | 13 mg 12 13 mg 10 | 17813 17807 | 13 II 59 13 II 43 | 9 © 56 9 © 30 | 10Ω59 10Ω45 | 14 mp 19 14 mp 16 | 18 8 11 18 8 05 | 14 II 54 14 II 38 | 10ඉ52 10ඉ27 | 12Ω01 11Ω47 | 15 m/26 15 m/23 |
| | 16802 | 12 II 32 | 8908 | 9 N 29 | 13 mg 07 | 17800 | 13 II 27 | 9905 | 10ຄ243 | 14 mg 14 | 17859 | 14 II 22 | 10927 | 11 £ 34 | 15 m/ 21 |
| - 1 | 15856 | 12 П 16 | 7 9 42 | 9Ω14 | 13 m ₂ 04 | 16854 | 13П11 | 8539 | 10Ω17 | 14 mp 11 | 17852 | 14 I 106 | 9935 | 11Ω20 | 15 mg 18 |
| | 15850 | 12 II 00 | 7912 7916 | 9000 | 13 mg 01 | 16848 | 12 Д 55 | 8 9 33 | 10202 | 14 m ₂ 09 | 17846 | 13 Д 49 | 9909 | 11 Ω 05 | 15 mg 16 |
| 17S | 15843 | 11 Д 44 | 6950 | 8⋒45 | 12 m 59 | 16841 | 12П38 | 7946 | 9Ω48 | 14 m 06 | 17839 | 13 Д 33 | 8943 | 10£51 | 15 m/14 |
| | 15837 | 11 Д 28 | 6923 | 8£30 | 12 m 56 | 16835 | 12 Д 22 | 7519 | 9ຄ33 | 14 m 03 | 17833 | 13 Д 16 | 8©16 | 10.036 | 15 m 11 |
| - 1 | 15830 | 11111 | 5956 | 8Ω14 | 12 m 53 | 16828 | 12 Д 05 | 6952 | 9Ω17 | 14 m, 00 | 17826 | 13 11 00 | 7949 | 10 € 21 | 15 m, 08 |
| | 15824 | 10 II 54 | 5528 | 7£58 | 12 m 50 | 16822 | 11 II 49 | 6925 | 9002 | 13 m 58 | 17820 | 12 II 43 | 7921 | 10 £ 06 | 15 mg 06 15 mg 03 |
| | 15 8 17 15 8 11 | 10Д38 10Д21 | 5©00 4©32 | 7Ω42 7Ω26 | 12 mp 47 12 mp 43 | 16 8 15 | 11 II 32 11 II 15 | 5957 5928 | 8Ω46 8Ω30 | 13 m 55 13 m 52 | 17813 17806 | 12 II 26 12 II 08 | 6 ඉ 53 6 ඉ 24 | 9Ω50 9Ω34 | 15 m, 03 |
| | 15804 | 10 Д 03 | 4গু03 | 7Ω09 | 12 m 40 | 16802 | 10 Д 57 | 4959 | 8 N 13 | 13 m 49 | 16859 | 11 Д 51 | 5956 | 9⋒18 | 14 m 58 |
| 24S | 14857 | 9П46 | 3934 | 6⋒52 | 12 m/37 | 15855 | 10П40 | 4930 | 7 . 056 | 13 mg 46 | 16852 | 11 Д33 | 5926 | 9⋒01 | 14 m 55 |
| | 14851 | 9П28 | 3ഇ04 | 6⋒34 | 12 m/34 | 15848 | 10П22 | 4গু00 | 7 . 039 | 13 mg 43 | 16845 | 11 I I15 | 4গু56 | 8⋒44 | 14 m 52 |
| | 14844 | 9п10 | 2534 | 6Ω16 | 12 m 30 | 15841 | 10 Д 04 | 3930 | 7£21 | 13 m 40 | 16838 | 10 Д 57 | 4926 | 8 N 26 | 14 m 49 |
| | 14837 14830 | 8П52 8П34 | 2©03 1©32 | 5 N 58 5 N 39 | 12 m/27 12 m/23 | 15 8 34 15 8 27 | 9П46 9П27 | 2©59 2©27 | 7Ω03 6Ω44 | 13 m 36 13 m 33 | 16 8 31 16 8 23 | 10П39 10П20 | 3©55 3©23 | 8Ω08 7Ω49 | 14 m/46 14 m/43 |
| | 14822 | 8II 15 | 1900 | 5Ω19 | 12 m/ 20 | 15819 | 9п08 | 1955 | 6Ω25 | 13 m/ 29 | 16816 | 10 II 20 10 II 01 | 2951 | 7£49 | 14 mg 40 |
| - 1 | 14815 | 7П56 | 0ഇ27 | 4Ω59 | 12 mg 16 | 15812 | 8П49 | 1 5 2 3 | 6£05 | 13 m 26 | 16808 | 9П42 | 2ഇ18 | 7 Ω 11 | 14 m 36 |
| | 14808 | 7Д37 | 29П54 | 4⋒39 | 12 mg 12 | 15804 | 8Д30 | 0949 | 5Ω44 | 13 m 22 | 16801 | 9П22 | 1ഇ45 | 6£50 | 14 m 33 |
| | 14800 | 7П17 | 29II20 | 4Ω17 | 12 m/08 | 14856 | 8II10 | 0915 | 5 A 23 | 13 m 19 | 15853 | 9П02 | 1910 | 6Ω29 | 14 m 29 |
| | 13 8 52 13 8 44 | 6Ц57 6Ц37 | 28 II 45 28 II 10 | 3 N 55 3 N 33 | 12 mg 04 12 mg 00 | 14849 14841 | 7П50 7П29 | 29 II 40 29 II 04 | 5Ω01 4Ω39 | 13 mp 15 13 mp 11 | 15 8 45 15 8 37 | 8П42 8П21 | 0935 29П59 | 6Ω08 5Ω45 | 14 m/26 14 m/22 |
| - 1 | | | | | | | | | | | | | | | |
| | 13 8 36 13 8 28 | 6Ц16 5Ц55 | 27 II 33 26 II 56 | 3 № 09 2 № 45 | 11 m ₂ 55 11 m ₂ 51 | 14832 14824 | 7П08 6П47 | 28 II 28 27 II 50 | 4Ω15 3Ω51 | 13 m, 07 13 m, 03 | 15 8 28 15 8 20 | 8 II 00 7 II 39 | 29 II 23 28 II 45 | 5Ω22 4Ω58 | 14 mp 18 14 mp 14 |
| | 13820 | 5Д33 | 26II18 | 2Ω19 | 11 mg 46 | 14816 | 6П25 | 27 II 12 | 3 № 26 | 12 m 58 | 15811 | 7П17 | 28II 06 | 4Ω33 | 14 m 10 |
| | 13811 | 5П11 | | | 11 mg 41 | | | 26П33 | | 12 m 54 | | | 27П27 | | 14 m 06 |
| | 13802 | 4 I I48 | 24П59 | 1 № 26 | 11 mg 36 | 13858 | 5П40 | 25 Д 52 | 2£33 | 12 m, 49 | 14853 | 6П31 | 26 I I46 | 3 ₪ 41 | 14 m, 02 |
| | 12853 | 4H25 | 24 II 18 | 0£57 | 11 mg 31 | 13849 | 5П16 | 25 Д 11 | 2005 | 12 m 44 | 14844 | 6П07 | 26II 04 | 3 \Omega 13 | 13 m 57 |
| | 12844 12835 | 4Д01 3Д37 | 23 II 36 22 II 52 | 0£28 29ഇ57 | 11 m/26 11 m/20 | 13839 13830 | 4Π52 4Π27 | 24 II 28 23 II 45 | 1Ω35 1Ω04 | 12 m 39 12 m 34 | 14834 14825 | 5 II 43 5 II 18 | 25 II 21 24 II 37 | 2Ω43 2Ω13 | 13 m 53 13 m 48 |
| | 12825 | 3 II 12 | 22 II 07 | 29524 | 11 mg 14 | 13820 | 4II 02 | 22 Д 59 | 0ຄ32 | 12 m/ 28 | 14815 | 4II52 | 23 II 52 | 1 Ω 41 | 13 mg 43 |
| 44S | 12815 | 2Ц46 | 21 Ⅲ21 | 28\$50 | 11 mg 08 | 13810 | 3Д36 | 22 Д 13 | 29ഇ58 | 12 m, 23 | 14804 | 4П26 | 23 Д 05 | 1Ω07 | 13 m/ 37 |
| | 12805 | 2П20 | 20II34 | 28514 | 11 m/02 | 12859 | 3П09 | 21 Д25 | 29മ23 | 12 m, 17 | 13853 | 3П59 | 22 II 17 | 0⋒32 | 13 m/32 |
| | 11854 | 1 Д 52 | 19П45 | 27937 | 10 m 55 | 12848 | 2Д42 | 20 Д 36 | 28545 | 12 m 10 | 13842 | 3Д31 | 21 II 27 | 29555 | 13 m 26 |
| | 11843 11832 | 1 II 24 0 II 55 | 18П55 18П03 | 26©57 26©15 | 10 mp 48 10 mp 41 | 12837 12826 | 2П13 1П44 | 19П45 18П53 | 28©06 27©24 | 12 m, 04 11 m, 57 | 13 8 31 13 8 19 | 3 II 02 2 II 33 | 20П35 19П42 | 29©15 28©34 | 13 m/20 13 m/13 |
| | 11820 | 0Д35 0Д25 | 17 I I09 | 25@31 | 10 mg 33 | 12814 | 1 Д 14 | 17 II 58 | 26940 | 11 mg 49 | 13807 | 2 II 02 | 18 II 48 | 27 9 50 | 13 mg 06 |
| - 1 | 11808 | 29854 | 16П14 | 249544 | 10 m ₂ 25 | 12801 | 0П42 | 17П02 | 25@53 | 11 m ₂ 42 | 12855 | 1П30 | 17П51 | 27ഇ03 | 12 m ₂ 59 |
| | 10856 | 29822 | 15 I I16 | 23\$54 | 10 mg 16 | 11849 | 0П10 | 16耳04 | 25ഇ03 | 11 m 34 | 12842 | 0Д57 | 16П52 | 26@13 | 12 m 52 |
| | 10842 | 28849 | 14 I 17 | 23500 | 10 m 07 | 11835 | 29836 | 15 11 04 | 24510 | 11 m 25 | 12828 | 0П23 | 15II51 | 25@20 | 12 m 43 |
| | 10 8 29 10 8 15 | 28 8 15 27 8 39 | 13 II 16 12 II 12 | 22©03 21©02 | 9 m 57 9 m 46 | 11821 11807 | 29801 28825 | 14П02 12П57 | 23©13 22©11 | 11 mg 16 11 mg 06 | 12 8 14 11 8 59 | 29848 29811 | 14 II 48 13 II 43 | 24©23 23©22 | 12 m/35 12 m/26 |
| - 1 | | | | | | | | | | | | | | | |
| 55S 3 | 10800 9845 | 27802 26823 | 11П06 9П57 | 19ഇ55 18ഇ43 | 9 m ₂ 35 | 10852 10836 | 27848 27808 | 11 II 50 10 II 41 | 21©05 19©53 | 10 m ₂ 55 10 m ₂ 44 | 11844 11828 | 28 8 33 27 8 53 | 12 Д 35 11 Д 25 | 22©15 21©03 | 12 mg 16 12 mg 05 |
| 57S | 9829 | 25843 | 8 I I46 | 17925 | 9 mg 10 | 10820 | 26827 | 9П29 | 18534 | 10 mg 32 | 11811 | 27812 | 10 II 12 | 19945 | 11 m 54 |
| 58S | 9812 | 25801 | 7Д33 | 15@59 | 8 m 56 | 10803 | 25845 | 8П14 | 17ഇ08 | 10 mg 19 | 10853 | 26829 | 8Д56 | 18©18 | 11 m 42 |
| 59S | 8854 | 24817 | 6Ц16 | 14©25 | 8 mg 41 | 9845 | 25800 | 6Ц56 | 15©34 | 10 mg 05 | 10835 | 25843 | 7Д37 | 16©43 | 11 m/29 |
| 60S | 8836 | 23831 | 4II 56 | 12540 | 8 m/ 25 | 9826 | 24814 | 5П35 | 13548 | 9 m, 49 | 10816 | 24856 | 6 I 15 | 14957 | 11 mg 14 |
| 61S 62S | 8816 7855 | 22843 21853 | 3П34 2П08 | 10ഇ43 8ഇ31 | 8 mp 06 7 mp 47 | 9 8 05 8 8 44 | 23 8 25 22 8 33 | 4П11 2П44 | 11©50 9©36 | 9 mg 32 9 mg 14 | 9855 9833 | 24 8 06 23 8 14 | 4П49 3П21 | 12©59 10©44 | 10 m ₂ 59 10 m ₂ 41 |
| 63S | 7 8 33 | 21800 | 2щ08 0щ38 | 5959 | 7 m/ 25 | 8822 | 21840 | 2 <u>п</u> 44 1 <u>п</u> 13 | 79936 7902 | 8 mg 53 | 9810 | 22819 | 1Д48 | 8907 | 10 mg 41 |
| 64S | 7810 | 20804 | 29805 | 3501 | 7 m, 00 | 7858 | 20843 | 29839 | 4901 | 8 mg 30 | 8846 | 21822 | 0п12 | 5 © 03 | 10 mg 01 |
| 65S | 6845 | 19805 | 27829 | 29П27 | 6 m/32 | 7833 | 19843 | 28801 | 0ഇ22 | 8 m, 05 | 8820 | 20821 | 28833 | 19518 | 9 m ₂ 37 |
| 66S | 6819 | 18804 | 25849 | 24П56 | 6 mg 01 | 7806 | 18840 | 26819 | 25Ⅱ41 | 7 m, 35 | 7852 | 19817 | 26849 | 26 I I27 | 9 mg 10 |
| pc | 6803 | 17827 | 24851 | 21 Д 53 | 5 mg 42 | 6850 | 18803 | 25820 | 22П27 | 7 m, 17 | 7836 | 18839 | 25849 | 23 П 01 | 8 mg 53 |

| | Sid.Tir MC: | | 2m AR '30'04 | MC: 18 | °00' | Sid.Tir MC: | | 6m AR 234'15 | MC: 19 |)°00' | Sid.Tir MC: | | 0m AR 238'19 | RMC: 20 |)°00' |
|------------|----------------------------------|----------------------------------|----------------------|--------------------|--|----------------------------------|----------------------------------|--------------------------------|------------------|--|----------------------------------|----------------------|------------------------|--------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 20826 | 18П57 | 16535 | 15 a 32 | 16 m 57 | 21825 | 19П53 | 17531 | 16£32 | 18 m, 02 | 22824 | 20П48 | 18527 | 17Ω33 | 19 m, 07 |
| 1S | 20 8 20 20 8 13 | 18П42 18П26 | 16©12 15©49 | 15Ω20 15Ω08 | 16 m 55 | 21819 | 19 I I37 | 17©08 16©45 | 16Ω21 16Ω09 | 18 m, 00 17 m, 58 | 22818 | 20 II 32 20 II 17 | 18©05 17©42 | 17Ω21 17Ω10 | 19 mg 05 19 mg 03 |
| 2S 3S | 20813 | 18 Д 10 | 15926 | 158708 14£056 | 16 m 53 16 m 51 | 21812 21806 | 19Д21 | 16943 | 163109 15Ω57 | 17 mg 56 | 22 8 11 22 8 05 | 20 II 17 20 II 01 | 179942 | 16Ω59 | 19 mg 02 |
| 4S | 20801 | 17Д55 | 15©02 | 14 \$\alpha 44 | 16 m/49 | 20859 | 18П50 | 15@59 | 15Ω46 | 17 m 55 | 21858 | 19 Д 45 | 16955 | 16Ω47 | 19 m, 00 |
| 5S | 19854 | 17Д39 | 14539 | 14£32 | 16 m/47 | 20853 | 18П34 | 15ള35 | 15 a 34 | 17 m ₂ 53 | 21852 | 19П30 | 16ഇ32 | 16 Ω 35 | 18 m, 58 |
| 6S | 19848 | 17 Д 24 | 14915 | 14 0 20 | 16 m 45 | 20847 | 18П19 | 15@12 | 15 0 22 | 17 m 51 | 21845 | 19П14 | 16908 | 16 Ω 23 | 18 m 57 |
| 7S 8S | 19842 19835 | 17П08 16П52 | 13©51 13©27 | 14Ω08 13Ω55 | 16 m 43 16 m 41 | 20840 20834 | 18II 03 17II 47 | 14©48 14©24 | 15Ω09 14Ω57 | 17 mp 49 17 mp 47 | 21839 21832 | 18耳58 18耳42 | 15©44 15©20 | 16Ω11 15Ω59 | 18 m ₂ 55 18 m ₂ 53 |
| 9S | 19829 | 16Д36 | 13503 | 13 £ 43 | 16 m/ 39 | 20827 | 17Д31 | 13559 | 140245 | 17 mg 45 | 21826 | 18 Д 26 | 14956 | 15 Ω 47 | 18 m/ 52 |
| 108 | 19823 | 16Д21 | 12538 | 13 Q 30 | 16 m/37 | 20821 | 17П15 | 13@35 | 14£32 | 17 m, 43 | 21819 | 18П10 | 14532 | 15 û 35 | 18 m 50 |
| 11S | 19816 | 16П05 | 12513 | 13 & 17 | 16 m 35 | 20814 | 161159 | 13510 | 14219 | 17 m 41 | 21813 | 17П54 | 14907 | 15 \O 22 | 18 m 48 |
| 12S 13S | 19 8 10 | 15 П 49 15 П 33 | 11©48 11©23 | 13 Ω 04 12 Ω 50 | 16 m 32 16 m 30 | 20808 20801 | 16 II 43 16 II 27 | 12©45 12©20 | 14Ω06 13Ω53 | 17 m ₂ 39 17 m ₂ 37 | 21806 20859 | 17Д38 17Д22 | 13942 13917 | 15 Ω 09 14 Ω 56 | 18 mg 46 18 mg 44 |
| 14S | 18857 | 15 II 16 | 10958 | 12.037 | 16 m/ 28 | 19855 | 16 I I11 | 11954 | 13 £ 40 | 17 mg 37 | 20853 | 17 II 22 17 II 06 | 12951 | 14 Ω 43 | 18 mg 43 |
| 15S | 18850 | 15 I I00 | 10532 | 12£23 | 16 m/26 | 19848 | 15П55 | 11529 | 13 Q 26 | 17 mp 33 | 20846 | 16П49 | 12526 | 14Ω30 | 18 mp 41 |
| 16S | 18844 | 14П44 | 10ഇ06 | 12£09 | 16 m/24 | 19842 | 15П38 | 11502 | 13 Q 12 | 17 m 31 | 20839 | 16Д33 | 12500 | 14Ω16 | 18 m 39 |
| 17S | 18837 | 14 П 27 | 9539 | 11.0.40 | 16 m 21 | 19835 | 15 II 22 | 10536 | 12.058 | 17 m 29 | 20833 | 16 11 16 | 11533 | 14 \O2 | 18 m 37 |
| 18S 19S | 18 8 31 18 8 24 | 14 II 11 13 II 54 | 9512 8545 | 11Ω40 11Ω25 | 16 mg 19 16 mg 16 | 19828 19821 | 15 II 05 14 II 48 | 10©09 9©42 | 12Ω44 12Ω29 | 17 m, 27 17 m, 25 | 20 8 26 20 8 19 | 15 Д 59 15 Д 42 | 11©06 10©39 | 13 Ω48 13 Ω34 | 18 mg 35 18 mg 33 |
| 20S | 18817 | 13 Д37 | 8917 | 11 Ω 10 | 16 mg 14 | 19815 | 14Д31 | 9 s 14 | 12Ω14 | 17 mg 22 | 20812 | 15 Д 25 | 10011 | 13 Ω 19 | 18 mg 31 |
| 21S | 18810 | 13 Д 20 | 79549 | 10Ω54 | 16 m 12 | 19808 | 14 I I14 | 8গু46 | 11 Q 59 | 17 m, 20 | 20805 | 15 I I08 | 9543 | 13 № 04 | 18 m 29 |
| 22S | 18803 | 13 Д 02 | 7921 | 10£38 | 16 m 09 | 19801 | 13 Д 56 | 8918 | 11 £ 43 | 17 mg 18 | 19858 | 14 Д 50 | 9915 | 12 Ω 48 | 18 m 27 |
| 23S 24S | 17 8 56 17 8 49 | 12 II 45 12 II 27 | 6952 6923 | 10 Ω 22 10 Ω 06 | 16 mp 06 16 mp 04 | 18 8 54 18 8 46 | 13 II 39 13 II 21 | 7949 7919 | 11Ω27 11Ω11 | 17 m, 15 17 m, 13 | 19 8 51 19 8 43 | 14 II 32 14 II 14 | 8946 8916 | 12Ω33 12Ω17 | 18 m/25 18 m/22 |
| 25S | 17842 | 12Д27 | 5953 | 9Ω49 | 16 mg 01 | 18839 | 13 11 03 | 6949 | 10Ω54 | 17 mg 13 | 19836 | 13 Д 56 | 79346 | 12 Ω 00 | 18 m 20 |
| 26S | 17835 | 11 II 51 | 5933 | 9 £ 31 | 15 mp 58 | 18832 | 12 II 44 | 6919 | 10234 10237 | 17 mg 08 | 19829 | 13 II 38 | 79315 | 11 Ω 43 | 18 mg 18 |
| 27S | 17828 | 11 Д 32 | 4951 | 9Ω13 | 15 m/56 | 18824 | 12П26 | 5947 | 10Ω19 | 17 mg 05 | 19821 | 13 🛚 19 | 6छ44 | 11 №26 | 18 m, 15 |
| 28S 29S | 17820 17813 | 11 II 13 10 II 54 | 49519 39547 | 8N55 8N36 | 15 m ₂ 53 15 m ₂ 50 | 18 8 17 18 8 09 | 12 II 07 11 II 47 | 5916 4943 | 10Ω01 9Ω43 | 17 m, 03 17 m, 00 | 19 8 13 | 13 II 00 12 II 41 | 6912 5940 | 11Ω08 10Ω49 | 18 mg 13 18 mg 11 |
| 30S | 17805 | 10Д34 | 39947 | 8 0 17 | | | 11 II 28 | 4943 | 9a23 | 16 m 57 | | 12 Д 41 | 59940 5907 | | 18 mp 08 |
| 31S | 16857 | 10Д33 | 25640 | 7£57 | 15 mp 47 15 mp 44 | 18 8 01 17 8 53 | 11 II 28 | 3936 | 9 N 03 | 16 mg 54 | 18 8 58 18 8 49 | 12 Д 21 | 4933 | 10Ω30 10Ω11 | 18 mg 05 |
| 32S | 16849 | 9П55 | 2ഇ06 | 7£36 | 15 m 40 | 17845 | 10 I I48 | 3 9 0 2 | 8 Ω 43 | 16 m 51 | 18841 | 11 I I40 | 3958 | 9⋒51 | 18 m, 03 |
| 338 | 16 8 41 16 8 33 | 9Д35 9Д14 | 1 ତ31 0 ତ54 | 7Ω15 6Ω52 | 15 m/37 15 m/34 | 17837 17829 | 10 II 27 10 II 06 | 2 9 26 1 9 50 | 8 N 22 8 N 00 | 16 m 48 | 18 8 33 | 11 II 20 10 II 58 | 3©22 2©46 | 9 N 30 9 N 08 | 18 m, 00 17 m, 57 |
| 34S 35S | 16824 | 8П52 | | 6Ω30 | | 17829 | | | | 16 m 45 | | | | | 17 mp 54 |
| 36S | 16816 | 8Д31 | 0518 29∏40 | 6£30 | 15 m 30 15 m 26 | 17820 | 9П44 9П22 | 1 න 1 3 0 න 3 5 | 7Ω37 7Ω14 | 16 mg 42 16 mg 39 | 18 8 16 18 8 07 | 10 II 37 10 II 15 | 2©08 1©30 | 8 N 46 8 N 22 | 17 mg 54 |
| 37S | 16807 | 8H08 | 29П01 | 5Ω41 | 15 m/23 | 17802 | 9П00 | 29П56 | 6Ω49 | 16 m 35 | 17858 | 9П52 | 0ഇ51 | 7£58 | 17 mg 48 |
| 38S 39S | 15858 | 7II 45 | 28 II 21 | 5Ω16 | 15 m 19 | 16853 | 8II37 | 29 II 16 28 II 34 | 6Ω24 | 16 m 32 | 17848 | 9П29 | 0 © 11 | 7Ω33 | 17 m 45 |
| 40S | 15 8 49 | 7П22 6П58 | 27П40 26П58 | 4ብ49 4ብ21 | 15 mp 15 15 mp 11 | 16 8 44 | 8П13 7П49 | 27 II 52 | 5 N 58 5 N 30 | 16 m, 28 16 m, 24 | 17839 17829 | 9П05 8П41 | 29П29 28П46 | 7Ω07 6Ω40 | 17 mp 41 17 mp 38 |
| 40S 41S | 15829 | 6Д34 | 26 II 15 | 3 N 52 | 15 mg 11 | 16824 | 7 II 49 7 II 25 | 27 II 32 27 II 08 | 5 N 01 | 16 m 20 | 17819 | 8Д16 | 28 II 03 | 6Ω11 | 17 mg 34 |
| 42S | 15819 | 6 I 109 | 25 II 30 | 3 № 22 | 15 m 02 | 16814 | 6П59 | 26II24 | 4 Ω 31 | 16 mg 16 | 17809 | 7Д50 | 27 Д 17 | 5 Ω 41 | 17 m 30 |
| 43S | 15809 | 5 II 43 | 24 II 44 | 2050 | 14 m 57 | 16804 | 6Д33 | 25 II 37 | 4£00 | 16 m 12 | 16858 | 7 Д 24 | 26 II 31 | 5Ω10 | 17 m 26 |
| 448 | 14859 | 5II 16 | 23 11 57 | 2Ω17 | 14 m 52 | 15853 | 6 I I06 | 24 II 50 | 3 N 27 | 16 m 07 | 16847 | 6П56 | 25 II 43 | 4.037 | 17 m 22 |
| 45S 46S | 14848 14837 | 4П49 4П21 | 23 II 08 22 II 18 | 1 Ω 42 1 Ω 05 | 14 m/47 14 m/41 | 15 8 42 15 8 31 | 5 II 39 5 II 10 | 24 II 01 23 II 10 | 2 N 52 2 N 15 | 16 m, 02 15 m, 57 | 16 8 36 | 6Ц29 6Ц00 | 24 II 53 24 II 02 | 4Ω03 3Ω26 | 17 m, 18 17 m, 13 |
| 47S | 14825 | 3Д51 | 21 Д26 | 0ຄ26 | 14 m 36 | 15819 | 4 I I41 | 22 II 17 | 1 ₪ 36 | 15 m, 52 | 16812 | 5 Д 30 | 23П09 | 2 № 48 | 17 mg 08 |
| 48S | 14813 | 3 11 21 | 20 II 33 | 29544 | 14 m 30 | 15807 | 4II10 | 21 II 23 | 0.055 | 15 m 46 | 16800 | 4II 59 | 22 11 14 | 2007 | 17 m 03 |
| 498 | 14801 | 2Д50 | 19П37 | 29501 | 14 m 23 | 14854 | 3П39 | 20 II 27 | 0Ω12 | 15 mg 41 | 15847 | 4 II 28 | 21 II 18 | 1 \O 24 | 16 m 58 |
| 50S 51S | 13848 13834 | 2П18 1П45 | 18 II 40 17 II 40 | 28©14 27©24 | 14 mp 17 14 mp 10 | 14841 14827 | 3 II 06 2 II 33 | 19П29 18П29 | 29©26 28©36 | 15 m/35 15 m/28 | 15 8 34 15 8 20 | 3Д55 3Д21 | 20 II 19 19 II 18 | 0£38 29⊊49 | 16 m 53 16 m 47 |
| 52S | 13821 | 1Д11 | 16耳39 | 26931 | 14 m 02 | 14813 | 1П58 | 17П27 | 27943 | 15 m/ 21 | 15806 | 2 Д 45 | 18耳15 | 28556 | 16 mg 40 |
| 53S | 13806 | 0Д35 | 15 II 35 | 25534 | 13 m 54 | 13859 | 1П22 | 16 II 22 | 26947 | 15 m 14 | 14851 | 2П08 | 17II 09 | 28500 | 16 m 34 |
| 54S | 12851 | 29858 | 14 II 29 | 24933 | 13 m 46 | 13843 | 01144 | 15 11 15 | 25945 | 15 m 06 | 14835 | 1 1 1 3 0 | 16II 02 | 26959 | 16 m 27 |
| 55S 56S | 12 8 36 12 8 19 | 29 8 19 28 8 39 | 13 Д20 12 Д09 | 23©27 22©15 | 13 m/ 37 13 m/ 27 | 13 8 27 | 0П05 29 8 24 | 14 II 05 12 II 53 | 24©39 23©27 | 14 m ₂ 58 14 m ₂ 49 | 14819 14802 | 0П50 0П09 | 14 II 51 13 II 38 | 25@53 24@41 | 16 mg 19 16 mg 11 |
| 57S | 12802 | 27856 | 10耳55 | 20ඉ56 | 13 m 17 | 12853 | 28841 | 11Д38 | 22ഇ09 | 14 m, 39 | 13844 | 29826 | 12П21 | 23522 | 16 mg 02 |
| 58S | 11844 | 27812 | 9Д38 | 19530 | 13 m 05 | 12835 | 27856 | 10 11 20 | 20942 | 14 m 29 | 13825 | 28840 | 11 11 02 | 21956 | 15 m 53 |
| 598 | 11825 | 26827 | 8II 17 | 17954 | 12 m 53 | 12816 | 27810 | 8 II 58 | 19907 | 14 mp 18 | 13806 | 27853 | 9П40 оп 14 | 20520 | 15 m 42 |
| 60S 61S | 11805 10844 | 25 8 38 24 8 48 | 6Ц54 5Ц28 | 16©08 14©08 | 12 mg 40 12 mg 25 | 11855 11834 | 26 8 21 25 8 30 | 7 II 34 6 II 06 | 17©20 15©20 | 14 m, 05 13 m, 52 | 12845 12823 | 27803 26811 | 8П14 6П44 | 18 © 33 | 15 mg 31 15 mg 19 |
| 62S | 10822 | 23855 | 3 Д 57 | 11952 | 12 m 09 | 11811 | 24836 | 4II34 | 13920 | 13 m/ 37 | 12800 | 25816 | 5Д11 | 149514 | 15 mg 06 |
| 63S | 9859 | 22859 | 2 Д 24 | 9514 | 11 m 51 | 10847 | 23839 | 2П59 | 10@23 | 13 m 21 | 11835 | 24819 | 3 Д 34 | 11533 | 14 m 51 |
| 64S | 9834 | 22800 | 0II46 | 6907 | 11 m 32 | 10822 | 22839 | 1 11 20 | 7913 | 13 m 03 | 11809 | 23818 | 1 11 53 | 8520 | 14 m 35 |
| 65S 66S | 9807 8839 | 20858 19853 | 29805 27819 | 2517 27∏14 | 11 mg 10 10 mg 45 | 9854 9825 | 21836 20829 | 29837 27849 | 3©17 28II03 | 12 m/43 12 m/20 | 10841 10812 | 22814 21806 | 0П09 28 8 19 | 4©20 28 II 54 | 14 m, 16 13 m, 55 |
| pc | 8822 | 19833 | 26818 | 23 II 35 | 10 m/ 43 | 9808 | 19850 | 26847 | 24 II 08 | 12 mg 06 | 9854 | 20826 | 27816 | 24 II 42 | 13 m 43 |
| ¥. | | | | | 1 | | | | | 1 " " | | | | | 1.5 |

| Lat 11 12 Asc 2 3 11 12 Asc 2 3 11 12 Asc 2 2 3 11 12 Asc 2 2 2 2 2 2 2 2 2 | 23°00' | MC: 23 | 2m AR '49'40 | ne: 1h32 24Y | Sid.Tii MC: | 2°00' | RMC: 22 | 8m AR | | Sid.Tir MC: | °00' | MC: 21 | 4m AR '42'14 | | Sid.Tir MC: | |
|--|-------------|---------|-----------------|-----------------|----------------|----------------------|---------|---------------|-----------------|----------------|----------|----------------|-----------------|----------------|----------------|-----|
| 18 18 18 19 19 18 19 18 19 18 19 19 | 3 | 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | Lat |
| 28 2840 0.21112 68878 68.00 0.00100 0.000000 0.000000 0.00000 0.000000 0.000000 0.000000 0.000 | | | 21516 | | 25820 | 21 m, 17 | 19⋒35 | 20 ഇ 20 | | | 20 m 12 | 18 Ω 34 | 19©24 | 21 Д 43 | 23823 | |
| 38 2887 2087 2014 7562 7572 2086 2015 7662 2014 2006 2014 2006 2014 2006 2014 2006 2014 2006 2014 2 | | | | | | | | | | | | | | | | |
| 45 2587 20140 19620 17429 20190 20153 20135 20150 201 | | | | | | | | | | | | | | | | |
| SS 25459 ONCES 170.00 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 20480 | | | | | | | | | | | | | | | | |
| 188 1844 1869 1 | | | | | | | | | | | | | | | _ | |
| 578 28437 98737 16941 17042 2908 28424 19073 16957 28428 19073 16957 16958 28424 19073 16957 19073 28427 19073 16958 28428 20181 1608 28471 1608 28471 1608 28471 1608 28471 1608 28471 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 1608 | | | | | | | | | | | | | | | _ | |
| 198 28424 19712 15953 16950 19988 238422 20116 16950 17635 21960 24940 21111 17947 18750 18152 21411 18749 15904 16725 19855 23808 10744 16705 16725 21415 21010 21452 21451 21010 21452 21451 21010 21452 21451 21525 21525 21525 21525 21525 | | | | | | | | | | | - | | | | _ | |
| 1985 1916 1916 1929 1926 | | | 18511 | 21 Д27 | | | | 179514 | | | | | 16917 | | _ | |
| 181 | 6 22 m 11 | 18⋒56 | 179647 | 21 Д 11 | 24820 | 21 mg 05 | 17Ω53 | 16950 | 20П16 | 23822 | 19 m 58 | 16£50 | 15953 | 19П21 | 22824 | 9S |
| 188 188 188 188 188 188 189 | | | | | | | | | I | | | | | | _ | |
| 188 1857 18117 14214 16200 19962 12948 1815 14940 1613 19968 12948 1815 14940 1613 19968 12945 1815 14940 1613 19968 12945 1815 14940 1613 19968 12945 1815 14940 1613 19968 12945 1815 14940 1613 19968 12945 1815 14940 19978 1495 19945 12947 1815 1824 16125 1614 12940 1415 1416 | | | | | | | | | | | | | | | | |
| 185 1850 18700 13-49 15-47 199.50 22-848 1875 14-64 16.75 20-88 23-45 197.40 15-43 17.875 185 18437 17117 12-657 15.720 199.47 22-841 18112 13-65 16.725 16.720 199.47 22-841 18112 13-65 16.725 16.720 199.47 22-841 18112 13-65 16.725 16.725 16.720 199.47 22-841 18112 13-65 16.725 | | 1 | | | | | | | | | | | | | _ | |
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| 168 | | | | | | | | | | | | | | | | |
| 1885 21843 161154 16126 1613 | | | | | | | | | | | | | | | | |
| 1985 21816 16136 16236 14238 19941 22813 17131 12934 15434 20950 23810 18125 15331 16245 16250 | 6 22 m 01 | | 14©25 | 18П59 | 23825 | | | 13\$28 | 18 I I05 | 22827 | 19 m 45 | 15 a 06 | 12530 | 17 I I0 | 21830 | |
| 208 21 1800 16110 1500 14204 1939 22806 17113 12506 15.029 1048 23903 18108 13004 16.035 10283 10285 15114 10412 13425 19385 21845 16156 11638 15015 20446 22856 17113 12507 16.066 238 20437 13126 9933 13423 1933 12444 16120 10640 14444 20934 22834 17113 1133 15025 15025 15134 10612 10611 14029 20944 22833 16156 16156 15035 15255 20833 14150 8643 13422 10432 19352 12437 16102 10611 14029 20944 22833 16156 16156 16108 15035 2585 20833 14150 8643 13066 19382 12434 16120 16104 14029 20944 22833 16156 16156 16108 15035 20856 20425 14133 8941 27644 20433 22846 17113 12507 15003 22856 20425 21434 20434 20433 22846 248 | | | | | | | | | | | | | | | | |
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| 288 20847 15116 9943 13,228 19,334 21844 16110 10940 14,444 20,943 22843 161116 10950 15,025 285 20833 14115 8843 13,006 19,30 21829 15,144 9941 14,113 20,39 22826 16,1137 10,938 15,020 285 20825 14111 8912 12,499 19,382 21822 15,144 15,106 8843 13,006 19,30 21826 16,1137 10,938 15,020 285 20810 13,1134 6937 11,1156 19,323 21806 14,147 8866 13,625 20,338 22818 16,118 10,907 15,003 285 20810 13,1134 6937 11,1156 19,323 21806 14,147 8866 13,622 20,334 22802 15,144 9904 14,143 308 19846 12,1134 8936 14,147 8866 13,622 20,334 22802 15,144 9904 14,143 308 19846 12,1134 8946 20842 13,147 6926 14,147 8906 13,022 20,330 21846 15,100 76,58 13,144 318 19846 12,1134 5945 10,1458 19,142 20824 13,147 6926 12,425 20,382 21837 14,147 7923 13,135 328 19837 12,113 4945 10,1458 19,142 20,143 13,147 6926 12,425 20,142 20,142 20,141 11,141 19,141 11,141 13,14 | | | | | | | | | | | | | | | | |
| 248 20840 15108 9913 13622 19932 21837 16102 10911 14629 20941 22833 16136 11608 15620 2685 2285 20802 14131 8912 12494 19938 21824 15106 8938 13639 20936 22816 16137 10938 15620 2785 20817 14112 7941 12432 19936 21814 15106 8938 13639 20936 22810 15139 9936 14447 2885 20802 13114 6903 12415 19933 21866 14147 8936 13632 20936 22810 15139 9936 14447 2985 20802 13114 6903 11638 19919 20858 14107 7930 1245 20938 22816 15109 9936 14447 3083 15920 19933 13606 14147 8936 13624 20933 21846 15100 8931 14112 3081 19946 12134 4937 11638 19916 20859 14107 7930 1245 20938 12413 14140 7923 13635 13518 19946 12134 4939 11638 19914 20833 13106 5951 12407 20925 21829 14119 6948 13205 338 19929 12112 4991 10238 19912 20842 13105 5951 12407 20925 21829 14119 6948 13205 338 19929 12112 4991 10238 19912 20842 13105 5951 12407 20932 21841 13156 5935 12455 348 19820 11107 2926 9231 19904 19848 11859 3922 10414 20943 12162 13158 69212 12655 348 19820 11107 2926 9231 19904 19848 11159 3922 10414 20943 12104 20943 | | 1 | | | | , | | | | | | | | | _ | |
| 265 20025 | | | | | | | | | | | | | 9ഇ13 | | | |
| 278 200417 14H12 7540 12/32 19m26 218H0 14H47 8508 13/32 20m36 22402 15H59 9936 14/347 288 200402 13H34 6637 11/356 19m21 20858 14H27 7634 13/304 20m32 21846 15H20 8931 14/212 308 19854 13H14 6630 11/338 19m16 20850 14H07 7600 12/45 20m30 21846 15H00 7628 13/348 318 19461 12H33 4654 10/388 19m14 20842 13H16 6626 10/26 20m25 21837 14H0 7623 13/35 328 19820 11H17 3644 19m04 20847 13H16 4626 11/20 20m22 14H19 6648 13/21 358 19820 11H17 364 96 2087 12H19 4621 14/27 20m22 21811 13H19 <th< th=""><th>0 21 mp 49</th><th>15 № 20</th><th>10ഇ38</th><th>16П37</th><th>22826</th><th>20 mg 39</th><th>14Ω13</th><th>9s41</th><th>15П44</th><th>21829</th><th>19 mp 30</th><th>13 a 06</th><th>8943</th><th>14耳50</th><th>20833</th><th>25S</th></th<> | 0 21 mp 49 | 15 № 20 | 10ഇ38 | 16П37 | 22826 | 20 mg 39 | 14Ω13 | 9 s 41 | 15П44 | 21829 | 19 mp 30 | 13 a 06 | 8943 | 14耳50 | 20833 | 25S |
| 28S 20e10 13 m 35 7509 12 n 15 19m 21 20e 50 20e 50 20e 50 20e 50 20e 50 14 m 27 7504 13 n 20 20m 34 22e 50 18 m 40 6937 14 n 20 20e 50 14 m 27 7504 13 n 20 20m 30 21 e 54 15 m 20 8931 14 n 10 30S 19846 12 m 14 6920 11 n 18 19m 16 20e 82 11 m 14 7623 13 n 25 31S 19847 12 m 14 6920 18 m 14 20e 33 13 m 16 6926 12 n 26 20m 22 18 m 14 40e 48 13 n 16 33 19820 11 m 17 394 19 m 10 20e 40 13 m 16 59m 1 11 m 10 20e 48 13 m 16 20e 40 11 m 10 20e 20 90.31 19m 06 20e 00 12 m 13 4698 11 m 10 20e 20 13 m 14 4697 12 m 13 4698 11 m 10 20e 20 13 m 14 4697 12 m 15 20e 20 10 m 16 20e 33 | | | 10ഇ07 | | | | | 9\$10 | | | 19 m 28 | | 8গু12 | | _ | |
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| 305 19854 13114 6@03 11.038 19\(mathred{19}\) 10.0850 14\(mathred{17}\) 13.07 7@00 12.045 20\(mathred{mathred}\) 20\(| | | | | | | | | | | | | | | | |
| 31S 19846 12154 5529 11,018 19m16 20842 13147 6526 12,026 20m28 21837 14140 7523 13,125 32S 19837 121133 4545 10,038 19m12 20843 131126 5551 12,007 20m25 21829 14119 6548 13,016 33S 19829 12112 4591 10,038 19m12 20824 13140 5551 11,046 20m23 21820 13158 6521 22,655 34S 19820 11151 3542 10,016 19m09 20816 12143 4538 11,025 20m21 21811 13136 5535 12,035 35S 19811 11129 3504 99,04 19m09 20816 12144 4638 11,025 20m12 21811 13136 5535 12,035 35S 19802 11107 2526 99,31 19m04 19848 11159 3522 10,014 20m19 21802 13114 4557 12,013 37S 18853 10144 1546 9,008 19m90 19848 11159 3522 10,014 20m19 20843 12151 45919 11,051 37S 18853 10144 1546 9,008 18m55 19829 10148 1220 99,633 20m14 20843 12104 2558 11,003 39S 18844 10720 15m6 80,443 18m55 19829 10148 1520 99,633 20m14 20843 12104 2558 10,0318 40S 18824 9132 29141 7,050 18m51 19819 10123 0536 90,01 20m05 20831 10149 0547 90,44 42S 18803 8114 27114 6,052 18m48 19808 91,58 291,52 80,33 2002 20803 10149 0547 90,44 42S 18803 8114 27114 6,052 18m48 18858 9132 29106 8,004 19m59 19852 10123 0561 90,104 43S 17638 8114 71147 26136 5,049 18m37 18866 8137 27130 7,001 19m53 19830 9128 28124 8,013 45S 17638 8114 27114 6,021 18m41 18847 9105 28119 7,033 19m56 19411 1013 10,041 | | | | | | | | | | | | | | | | |
| 1925 19237 12133 | | | | | | | | | I | | | | | | | |
| 338 19829 12112 4591 10038 19912 20824 13105 55815 11,046 20923 21820 13188 65912 12,0355 348 19820 111851 3342 10016 19909 20816 12143 4388 11,025 20921 218011 13136 5335 12,0355 358 19811 11129 35904 90,54 19906 20807 12121 45911 11,04 20916 20853 12151 4591 11,035 378 18853 10144 1546 9,008 19904 19858 11159 3522 10,041 20916 20853 12151 4591 11,035 378 18853 10144 1546 9,008 18901 19848 11136 2542 10,017 20914 20843 12128 3539 11,025 388 18844 10720 15906 80,43 18955 19829 10148 1520 90,53 20114 20843 12104 2558 10,038 408 1824 9132 29141 70,50 18955 19829 10148 1520 90,27 20908 20824 11140 2515 10,038 408 18824 9132 29141 70,50 18951 19819 10123 0536 9,011 2095 20813 11115 1532 10,012 418 18814 9107 28157 70,22 18948 18968 9135 29152 8,033 20902 20803 10149 0547 9,044 428 18803 8141 28111 6,622 18945 18858 9132 29106 8,004 19959 19852 10123 0591 9,016 438 17853 8141 27124 26136 5,049 18937 18816 8137 27130 7,011 1935 19450 9113 8,045 448 17818 6444 6421 18840 18824 8109 26139 60,27 19949 19818 8159 27133 7,040 468 17818 6453 5144 5140 4,038 18929 18812 7139 25147 5,051 19946 19666 8129 26140 7,005 488 16843 5146 24101 4,000 18925 18802 7109 24153 5,013 19949 19818 8159 27133 7,040 498 16840 5116 22108 2,037 18901 17847 61037 23157 4,033 1993 1840 7,005 2,044 498 16840 5116 22108 2,037 18901 17847 61037 23157 4,033 1993 1843 6100 2,045 518 16843 3113 1109 1,051 1, | | | | | | | | | | | | | | | _ | |
| 358 19811 111129 3504 99.54 19106 20807 121121 4501 11404 20119 21802 13114 4557 12.113 368 19802 111107 2526 99.31 19104 19888 11159 3522 10.411 20116 20151 4519 11.651 378 18833 10144 1264 99.08 19101 19848 11159 3522 10.411 20116 20161 20831 121151 4519 11.651 378 3883 3884 10120 1506 84.43 18158 19839 11.112 2502 94.53 20111 20834 12104 2558 11.033 398 18834 91156 0524 80.17 18155 19829 10148 1520 94.27 20108 20844 11140 2555 103.38 408 18844 91107 28157 74.22 18148 19808 9158 29152 84.33 20100 20803 10149 0547 94.44 428 18844 91107 28157 74.22 18148 19808 9158 29152 84.33 20100 20803 10149 0547 94.44 428 18844 91107 28157 74.22 18148 18858 9132 29106 84.04 19159 19852 101123 0501 94.16 438 17833 8141 28111 64.52 18145 18858 9132 29106 84.04 19159 19852 101123 0501 94.16 438 17833 8144 271124 64.22 18144 18847 9105 28114 40.04 18145 40.04 40.04 18145 40.04 | 5 21 m 35 | 12⋒55 | | 13 Д 58 | 21820 | 20 m 23 | 11Ω46 | | 13 Д 05 | 20824 | 19 m 12 | 10£38 | 4519 | | | 33S |
| 368 19802 111.07 2\opin\$ 9.03 19\overline{1} 11\overline{1} 10\overline{1} 2\overline{1} 2\ | 5 21 m 33 | 12Ω35 | 5935 | 13 Д 36 | 21811 | 20 m/21 | 11Ω25 | 4938 | 12П43 | 20816 | 19 mg 09 | 10 Q 16 | 3942 | 11Д51 | 19820 | 34S |
| 378 18853 101144 1946 9,008 19m01 19w48 111136 2942 10,017 20m14 20w43 121128 3939 11,028 388 18844 101120 19w06 8,043 18m58 19w39 111112 29w02 9,027 20m08 20w24 111140 29515 10,038 408 18w34 91156 0924 8,017 18m55 19w29 101148 19w20 9,027 20m08 20w24 111140 29515 10,038 408 18w24 9113 20w34 21114 22w38 11,003 418 18w14 9107 28m57 7,022 18m48 19w08 91158 29m52 8,033 20m02 20w03 101149 0947 9,044 428 18w38 81141 28m11 6,652 18m45 18w45 81858 91152 20m08 20w03 20w03 101149 0947 9,044 428 18w38 18w45 18w45 18w45 81858 91152 20w08 20w03 10149 0947 9,044 42w38 18w45 18w45 18w45 18w45 91152 20w13 20w03 91152 101123 09011 9,044 44818 17w45 17w47 26m36 5,049 18m37 18w36 88m37 27m30 7,001 19m53 19w30 91128 28m124 8,013 48w38 17w45 17w46 60w37 40w38 18w29 18w12 7m39 25m47 5,051 19m46 19w06 8m29 26m40 7,005 47w 17w46 60w38 40w38 18w29 18w12 7m39 25m47 5,051 19m46 19w06 8m29 26m40 7,005 48w38 16w33 5 w348 20w38 | | | | | | | | | | | | | | | _ | |
| 388 18844 10120 1260 8.643 18m58 19839 11112 2262 9.653 20m11 20834 12m04 22658 11.003 398 18844 9156 0324 8.017 18m55 19829 10148 1320 9.627 20m08 20824 11140 22658 10.033 408 18824 9132 29141 7.650 18m51 19819 10123 0366 9.001 20m05 20813 11115 1332 10.012 418 18841 9107 28157 7.022 18m48 19808 9158 29152 8.033 20m02 20803 10149 0347 9.444 428 18803 8141 28111 6.652 18m48 19808 9158 29152 29106 8.004 19m59 19852 10123 0301 9.016 438 17853 8114 27124 6.021 18m41 18847 9105 28119 7.033 19m56 19841 9156 29113 8.045 448 17841 7147 26136 5.049 18m37 18836 8137 27130 7.001 19m53 19830 9128 28124 8.013 458 17830 7119 25146 5.015 18m33 18824 8109 26139 6.027 19m49 19818 8159 27133 7.040 468 17846 6149 24154 4.003 18m52 18807 7109 25147 5.051 19m46 19806 8129 26140 7.005 478 17806 6119 24101 4.000 18m52 18800 7109 24133 5.013 19m42 18853 7138 25146 6.027 488 16853 5148 23105 3.020 18m21 17847 6137 23157 4.033 19m38 18840 7127 24149 5.448 498 16840 5116 22108 2.037 18m16 17834 6105 22159 3.051 19m34 18827 6154 22150 4.020 518 16843 4108 20107 1.002 18m05 17806 4156 20157 24149 5.448 528 15858 3133 19104 0.010 18m00 16851 4120 19153 1.025 19m19 17843 5108 22150 4.020 518 16843 4108 22057 17m47 16849 3103 17m36 22929 19m14 17858 5145 21147 3.032 528 15858 3133 19104 0.010 18m00 16851 4120 19153 1.025 19m19 17843 5108 21147 3.032 528 15858 3133 19104 0.010 18m00 16851 4120 19153 1.025 19m19 17843 5108 21147 3.032 528 15858 3133 19104 2.2637 17m47 16819 3103 3149 2.2625 18m33 | | | | | | | | | | | | | | | | |
| 398 | | | | | | | | 1 | I | | | | | | | |
| 408 18824 9132 29141 7.650 18\(\tau{1}{1}\) 19819 10\(\tau{2}\) 0\(\tau{3}\) 20\(\tau{0}\) | | | | | _ | | | | | | | | | | | |
| 41S | | | 1.632 | | | | | 0.636 | | | | | 29π41 | | | 40S |
| 438 17853 8 m 14 27 m 24 6 \(\alpha 21 \) 18 m 41 18 \(\shrup 47 \) 9 m 55 28 m 19 7 \(\alpha 33 \) 19 m 56 19 \(\shrup 41 \) 9 m 56 29 m 13 8 \(\alpha 45 \) 17841 7 m 47 26 m 36 5 \(\alpha 49 \) 18 m 37 18 \(\shrup 37 \) 18 m 37 18 \(\shrup 37 \) 27 m 30 7 \(\alpha 10 \) 19 m 53 19 m 30 9 m 28 28 m 24 8 m 13 34 m 34 34 m 34 m 34 m 34 m 34 m 3 | | | | | | | | | | | | | | | | |
| 448 17841 7π47 26π36 5Ω49 18m37 18836 8π37 27π30 7Ω01 19m53 19830 9π28 28π24 8Ω13 458 17830 7π19 25π46 5Ω15 18m33 18824 8π09 26π39 6Ω27 19m49 19818 8π59 27π33 7Ω40 468 17818 6π49 24π54 4Ω38 18m29 18812 7π39 25π47 5Ω51 19m46 19806 8π29 26π40 7Ω05 478 17806 6π19 24π01 4Ω00 18m25 18800 7π09 24π53 5Ω13 19m42 18853 7π58 25π46 6Ω27 488 16853 5π48 23π05 3Ω20 18m21 17847 6π37 23π57 4Ω33 19m38 18840 7π27 24π49 5Ω48 498 16840 5π16 22π08 2Ω37 18m16 17834 6π05 22π59 3Ω51 19m34 18827 6π54 23π51 5Ω05 508 16827 4π43 21π09 1Ω51 18m11 17820 5π31 21π59 3Ω05 19m29 18813 6π20 22π50 4Ω20 518 16813 4π08 20π07 1Ω02 18m05 17806 4π56 20π57 2Ω17 19m24 17858 5π45 21π47 3Ω32 528 15858 3π33 19π04 0Ω10 18m00 16851 4π20 19π53 17825 17825 17π57 29π14 17m54 16835 3π43 18π45 0Ω29 19m08 17811 3π50 18π23 0Ω45 548 15827 2π17 16π48 28π13 17m47 16819 3π03 17π36 29π29 19m08 17811 3π50 18π23 0Ω45 558 15811 1π36 15π37 27π07 17m40 16802 2π22 16π23 28π23 19m02 16854 3π09 17π10 29π40 568 14853 0π16 14π23 25π56 17m33 15845 1π40 15π08 27π12 18m56 16836 2π25 15π53 28π29 578 14816 29825 11π45 23π11 17m17 15807 0π09 12π28 24π55 18m31 15857 0π53 3π111 25π45 588 14816 29825 11π45 23π11 17m17 18464 29820 11π03 22π55 18m33 15836 0π03 11π145 24π10 608 13835 27846 8π54 19π48 16m57 14825 28829 9π34 21π04 18m24 15817 0π53 13π11 25π45 618 13812 26853 7π23 17π47 16m46 14802 27835 8π02 19π03 18m14 14851 28817 8π41 20π21 628 12849 25857 5π48 15π28 16m34 13838 26838 6π26 16π43 18m03 14826 27819 7π03 18π06 638 12824 2 | | 1 | | | | | | | | | | | | | | |
| 458 17830 7119 251146 5.015 18\(\pi 3 \) 18\(\pi 2 \) 18\(\pi 3 \) 18\(\pi 2 \) 18\(\pi 3 \) 18\(\pi 2 \) 18\(\pi 2 \) 18\(\pi 3 \) 18\(\pi 2 \) 18\(| | | | | | | | | | | | | | | | |
| 468 17818 6849 24854 4038 18\$\tilde{18}\$\tilde{9}\$ 18\$\tilde{18}\$\tilde{17}\$ 17806 6819 24\$\tilde{19}\$ 4000 18\$\tilde{9}\$\tilde{5}\$ 18\$\tilde{9}\$ 18\$\tilde{9}\$ 27895 18\$\tilde{9}\$ 18\$\tilde{9}\$ 24\$\tilde{13}\$ 18\$\tilde{13}\$ 18\$\tilde{9}\$ 24\$\tilde{13}\$ 18\$\tilde{9}\$ 24\$\tilde{13}\$ 18\$\tilde{13}\$ 18\$\tilde{9}\$ 24\$\tilde{13}\$ 18\$\tilde{13}\$ 18\$\tild | | | | | | | | | | | | | | | | |
| 478 17806 6119 24101 4000 18m25 18800 7109 24153 5013 19m42 18853 7158 25146 6027 488 16853 5148 23105 3020 18m21 17847 6137 23157 4033 19m38 18840 7117 24149 5048 498 16840 5116 22108 2037 18m16 17834 6105 22159 3051 19m34 18827 6154 23151 5005 508 16827 4143 21109 1051 18m11 17820 5131 21159 3005 19m29 18813 6120 22150 4020 518 16813 4108 20107 1002 18m00 16851 4120 19153 1025 19m24 17858 5145 21147 3032 528 15858 3133 19104 0010 18m00 16851 4120 19153 1025 19m19 17843 5108 20142 2041 538 15843 2155 17157 29m14 17m54 16819 3103 17136 29m29 19m08 17811 3150 18123 0045 548 15827 2117 16148 28m13 17m47 16819 3103 17136 29m29 19m08 17811 3150 18123 0045 558 15811 1136 15137 27m07 17m40 16802 2122 16123 28m23 19m02 16854 3109 17110 29m40 568 14853 0154 14123 25m56 17m33 15845 1140 15108 27m12 18m56 16836 2125 15153 28m29 578 14835 0110 13105 24m37 17m25 15826 0155 13149 25m54 18m41 15857 0133 13111 25m45 598 13856 28836 10121 21m35 17m07 14846 29820 11103 22m52 18m31 15845 0103 11145 24m10 608 13835 27846 8154 19m48 16m57 14825 28829 9134 21m04 18m24 15817 28817 8141 20m21 608 13845 22857 2147 9m30 16m06 12844 24835 3101 10m42 17m38 13832 25814 3135 11m56 648 11857 23857 2127 9m30 16m06 12844 24835 3101 10m42 17m38 13832 25844 29850 29850 1m45 668 10858 21842 28850 29147 15m31 11844 22818 29820 0m43 17m07 12830 22854 29850 1m45 668 10858 21842 28850 29147 15m31 11844 22818 29820 0m43 17m07 12830 22854 29850 1m41 688 10858 21842 28850 29147 15m31 11844 22818 298 | | | | | | | | | | | | | | | | |
| 48S 16 853 5 π 48 23 π 05 3 α 20 18 π 21 17 8 47 6 π 37 23 π 57 4 α 33 19 π 34 18 8 40 7 π 27 24 π 49 5 α 48 49S 16 8 40 5 π 16 22 π 08 2 α 37 18 π 16 17 8 34 6 π 05 22 π 59 3 α 51 19 π 34 18 8 27 6 π 54 23 π 51 5 α 05 50S 16 8 27 4 π 43 21 π 09 1 α 51 18 π 11 17 8 20 5 π 31 21 π 59 3 α 05 19 π 29 18 8 13 6 π 20 22 π 50 4 α 20 51S 16 8 13 4 π 08 20 π 07 1 α 02 18 π 01 17 8 06 4 π 56 2 α 17 19 π 24 17 8 58 5 π 45 21 π 47 3 α 32 52S 15 8 3 1 3 π 33 19 π 04 0 α 10 18 π 01 17 π 54 16 8 35 3 π 43 18 π 45 0 α 29 19 π 14 17 κ 23 5 π 8 5 π 31 1 π 23 1 π 24 1 α 20 2 π 22 1 α 1 π 24 1 α 1 π 24 | | | | | | | | | | | | | | | | |
| 498 16840 5π16 22π08 2.037 18π16 17834 6π05 22π59 3.051 19π34 18827 6π54 23π51 5.005 508 16827 4π43 21π09 1.051 18π11 17820 5π31 21π59 3.005 19π29 18813 6π20 22π50 4Ω20 518 16813 4π08 20π07 1.002 18π05 17806 4π56 20π57 2.017 19π24 17858 5π45 21π47 3.032 528 15858 3π33 19π04 0.010 18π00 16851 4π20 19π53 1.025 19π19 17843 5π08 20π42 2.041 538 15843 2π57 16π48 28813 17π47 16819 3π03 17π36 29829 19π08 17811 3π50 18π23 0.045 558 15811 1π36 15π37 27907 17π40 16802 2π22 16π23 28823 19 | | | | | | | | | | | | | | | | |
| 51S 16⊗13 4π08 20π07 1 Ω02 18 m 05 17⊗06 4π56 20π57 2 Ω17 19 m 24 17⊗58 5π45 21π47 3 Ω32 52S 15⊗58 3π33 19π04 0Ω10 18 m 00 16⊗51 4π20 19π53 1 Ω25 19 m 19 17⊗43 5π08 20π42 2 Ω41 53S 15⊗43 2π55 17π57 29 s 14 17 m 54 16⊗35 3π43 18 π 45 0Ω29 19 m 14 17⊗27 4π30 19 π34 1 Ω45 54S 15⊗27 2π17 16π48 28 s 13 17 m 47 16⊗19 3π03 17π36 29 s 29 19 m 08 17⊗11 3π50 18π23 0Ω45 55S 15⊗11 1 π36 15 π37 27 s 07 17 m 40 16⊗02 2 π22 16 π23 28 s 23 19 m 02 16 ⊗54 3 π 09 17 π 10 29 s 40 56S 14 ⊗ 13 0 π 10 13 π 05 24 s 37 17 m 25 15 ⊗26 0 π 55 | | | | 6Ц54 | | | | 22 Д 59 | | | | | | | 16840 | |
| 51S 16813 4π08 20π07 1α02 18π05 17806 4π56 20π57 2α17 19π24 17858 5π45 21π47 3α32 52S 15858 3π33 19π04 0α10 18π00 16851 4π20 19π53 1α25 19π19 17843 5π08 20π42 2α41 53S 15843 2π55 17π57 29\$\overline{9}\$14 17π54 16835 3π43 18π45 0α29 19π14 17827 4π30 19π34 1α45 54S 15827 2π17 16π48 28\$\overline{9}\$13 17π47 16819 3π03 17π36 29\$\overline{9}\$29 19π08 17811 3π50 18π23 0α45 55S 15811 1π36 15π37 27\$\overline{9}\$07 17π40 16802 2π22 16π23 28\$\overline{9}\$23 19π02 16854 3π09 17π10 29\$\overline{9}\$40 56S 14853 0π54 14π23 25\$\overline{9}\$56 17π33 15845 1π40 15π08 27\$\overline{9}\$12 18π56 16836 2π25 15π53 28\$\overline{9}\$29 18π46 29825 11π45 23\$\overline{9}\$11 17π17 15807 0π09 12π28 24\$\overline{9}\$27 18π41 15857 0π53 13π11 25\$\overline{9}\$45 59S 13856 28836 10π21 21\$\overline{9}\$35 14825 28829 9π34 21\$\overline{9}\$04 18π24 15814 29\$\overline{9}\$11 10π15 22\$\overline{9}\$24 60S 13835 27846 8π54 19\$\overline{9}\$48 16π57 14825 28829 9π34 21\$\overline{9}\$03 18π14 14851 28\$\overline{9}\$11 10π15 22\$\overline{9}\$25 12849 25857 5π48 15\$\overline{9}\$28 16π34 13838 26838 6π26 16\$\overline{9}\$43 18π03 14826 27819 7π03 18\$\overline{9}\$06 12844 24835 3π01 10\$\overline{9}\$42 17π38 13832 25814 3π35 11\$\overline{9}\$65 11828 22851 0π41 5\$\overline{9}\$30 16π06 12844 24835 3π01 10\$\overline{9}\$42 17π38 13802 24806 1π45 7\$\overline{9}\$43 16\$\overline{9}\$65 18836 21842 28850 29π47 15\$\overline{9}\$31 11844 22818 29820 0\$\overline{9}\$43 17π07 12830 22854 29850 1841 6\$\overline{9}\$43 16\$\overline{9}\$45 16\$\overline{9}\$45 16\$\overline{9}\$45 16\$\overline{9}\$45 16\$\overline{9}\$46 18\$\overline{9}\$45 16\$\overline{9}\$45 16\$\overline{9}\$45 16\$\overline{9}\$45 16\$\overlin | | | | | | 19 m, 29 | | 21 Д 59 | 5Д31 | | 18 m, 11 | | | | _ | 50S |
| 538 15843 2 π55 17π57 29\$14 17π54 16835 3π43 18π45 0Ω29 19π14 17827 4π30 19π34 1Ω45 16827 2π17 16π48 28\$13 17π47 16819 3π03 17π36 29\$29 19π08 17811 3π50 18π23 0Ω45 15851 1π36 15π37 27\$07 17π40 16802 2π22 16π23 28\$23 19π02 16854 3π09 17π10 29\$40 568 14853 0π54 14π23 25\$56 17π33 15845 1π40 15π08 27\$12 18π56 16836 2π25 15π53 28\$29 578 14835 0π10 13π05 24\$37 17π25 15826 0π55 13π49 25\$54 18π49 16817 1π40 14π34 27\$11 585 14816 29\$25 11π45 23\$11 17π17 15807 0π09 12π28 24\$27 18π41 15857 0π53 13π11 25\$45 59\$ 13856 28836 10π21 21\$35 17π07 14846 29\$20 11π03 22\$52 18π33 15836 0π03 11π45 24\$10 60\$ 13812 26\$53 7π23 17\$47 16π46 14802 27835 8π02 19\$03 18π14 14851 28817 8π41 20\$21 62\$1 12845 24858 4π10 12\$45 16π21 13812 25\$38 4π45 13\$59 17π51 14800 26818 5π21 15\$66 64\$1 1825 23827 1π56 64\$1 1828 22851 0π41 5\$25 15π50 12815 23829 1π13 6\$32 17π07 12830 22854 29850 1841 66\$1 1828 22851 0π41 5\$25 15π50 12815 23829 1π13 6\$32 17π07 12830 22854 29850 1841 66\$1 1828 22851 0π41 5\$25 15π50 12815 23829 1π13 6\$32 17π07 12830 22854 29850 1841 66\$1 1841 28817 28416 66\$1 1828 22851 0π41 5\$25 15π50 12815 23829 1π13 6\$32 17π07 12830 22854 29850 1841 66\$1 1841 28817 28451 | | | 21 11 47 | | | | | 20 Д 57 | | | | | | | | |
| 54S 15 827 2 Π 17 16 Π 48 28 \$\mathrm{m}\$1 17 \$\mathrm{m}\$47 16 \$\mathrm{m}\$19 3 Π 03 17 Π 36 29 \$\mathrm{m}\$29 19 \$\mathrm{m}\$08 17 \$\mathrm{m}\$11 3 Π 50 18 Π 23 0 Ω 45 55S 15 8 11 1 Π 36 15 Π 37 27 \$\mathrm{m}\$07 17 \$\mathrm{m}\$40 16 8 02 2 Π 22 16 Π 23 28 \$\mathrm{m}\$23 19 \$\mathrm{m}\$02 16 8 54 3 Π 09 17 Π 10 29 \$\mathrm{m}\$40 56S 14 8 53 0 Π 54 14 Π 23 25 \$\mathrm{m}\$56 17 \$\mathrm{m}\$33 15 8 45 1 Π 40 15 π 08 27 \$\mathrm{m}\$12 18 \$\mathrm{m}\$56 16 8 36 2 Π 25 15 π 53 28 \$\mathrm{m}\$29 57 \$\mathrm{m}\$14 15 π 08 27 \$\mathrm{m}\$12 18 π 49 16 8 36 2 π 25 15 π 53 28 \$\mathrm{m}\$29 15 π 33 18 π 14 18 π 49 16 π 14 14 π 34 27 π 11 3 π 35 11 π 14 14 π 34 27 π 11 3 π 35 18 π 41 15 π 33 18 π 41 18 π 41 15 π 33 18 π 14 18 π 34 18 π 33 15 π 45 | | | | | | | | | | | | | | | | |
| 55S 15 811 1 π 36 15 π 37 27 π 07 17 π 40 16 802 2 π 22 16 π 23 28 π 23 19 π 02 16 854 3 π 09 17 π 10 29 π 40 56S 14 8 π 53 0 π 54 14 π 23 25 π 56 17 π 33 15 845 1 π 40 15 π 08 27 π 12 18 π 56 16 836 2 π 25 15 π 53 28 π 29 57S 14 8 35 0 π 10 13 π 05 24 π 37 17 π 25 15 826 0 π 55 13 π 49 25 π 54 18 π 49 16 817 1 π 40 14 π 34 27 π 11 58S 14 8 16 29 825 11 π 45 23 π 11 17 π 17 15 807 0 π 09 12 π 28 24 π 27 18 π 41 15 857 0 π 53 13 π 11 25 π 45 59S 13 8 56 28 8 36 10 π 21 21 π 35 17 π 07 14 8 46 29 8 20 11 π 03 22 π 52 18 π 33 15 8 36 0 π 03 11 π 45 24 π 10 60S 13 8 35 27 8 46 8 π 54 < | | | | | | | | | | | | | | | | |
| 56S 14853 0 π 54 14π23 25 π 56 17 π 33 15 845 1 π 40 15 π 08 27 π 12 18 π 56 16836 2 π 25 15 π 53 28 π 29 57S 14835 0 π 10 13 π 05 24 π 37 17 π 25 15 826 0 π 55 13 π 49 25 π 54 18 π 49 16 817 1 π 40 14 π 34 27 π 11 58S 14816 29 825 11 π 45 23 π 11 17 π 17 15 807 0 π 09 12 π 28 24 π 27 18 π 41 15 857 0 π 53 13 π 11 25 π 45 59S 13 856 28 836 10 π 21 21 π 35 17 π 07 14 846 29 820 11 π 03 22 π 52 18 π 33 15 836 0 π 03 11 π 45 24 π 10 60S 13 8 35 27 8 46 8 π 54 19 π 48 16 π 57 14 8 25 28 8 29 9 π 34 21 π 04 18 π 24 15 8 14 29 8 11 10 π 15 22 π 22 61S 13 8 12 26 8 53 7 π 23 17 π 47 </th <th></th> | | | | | | | | | | | | | | | | |
| 57S 14835 0 Π 10 13 Π 05 24 537 17 π 25 15 826 0 Π 55 13 Π 49 25 554 18 π 49 16 817 1 Π 40 14 Π 34 27 511 58S 14816 29 825 11 Π 45 23 511 17 π 17 15 807 0 Π 09 12 Π 28 24 527 18 π 41 15 857 0 Π 53 13 Π 11 25 545 59S 13 856 28 836 10 Π 21 21 35 17 π 07 14 846 29 820 11 Π 03 22 525 18 π 33 15 836 0 Π 03 11 Π 45 24 510 60S 13 835 27 846 8 Π 54 19 548 16 π 57 14 825 28 829 9 Π 34 21 504 18 π 24 15 814 29 811 10 Π 15 22 52 22 61S 13 812 26 853 7 Π 23 17 547 16 π 46 14 802 27 835 8 Π 02 19 503 18 π 14 14 851 28 817 8 Π 41 20 521 62S 12 849 25 857 5 Π 48 15 528 16 π 3 | | 1 | | | | | | | | | | | | | | |
| 59S 13 856 28 836 10 Π21 21 535 17 π 07 14 846 29 820 11 Π03 22 552 18 π 33 15 836 0 Π03 11 π45 24 510 60S 13 835 27 846 8 Π54 19 548 16 π 57 14 825 28 829 9 π 34 21 504 18 π 24 15 814 29 811 10 Π15 22 522 61S 13 812 26 853 7 π 23 17 547 16 π 46 14 802 27 835 8 π02 19 503 18 π 14 14 851 28 817 8 π41 20 521 62S 12 849 25 857 5 π 48 15 528 16 π 34 13 838 26 838 6 π 26 16 643 18 π 03 14 826 27 819 7 π 03 18 500 63S 12 824 24 858 4 π 10 12 845 16 π 21 13 812 25 838 4 π 45 13 559 17 π 51 14 800 26 818 5 π 21 15 56 64S 11 877 23 857 2 π 27 9 30 16 π 06 < | 1 20 m 12 | 27511 | 14Ⅲ34 | 1 Д 40 | | 18 mg 49 | 25©54 | 13 Ⅲ 49 | 0Д55 | 15826 | | 24937 | 13 II 05 | 0П10 | 14835 | 57S |
| 60S 13 835 27 846 8 Π54 19 \$\overline{9}\$48 16 \$\overline{0}\$57 14 825 28 829 9 Π34 21 \$\overline{0}\$04 18 \$\overline{0}\$24 15 \$\overline{0}\$14 29 \$\overline{0}\$11 10 Π15 22 \$\overline{0}\$22 61S 13 812 26 853 7 Π23 17 \$\overline{0}\$47 16 \$\overline{0}\$46 14 802 27 835 8 Π02 19 \$\overline{0}\$30 18 \$\overline{0}\$14 14 851 28 817 8 Π41 20 \$\overline{0}\$21 62S 12 849 25 857 5 Π48 15 \$\overline{0}\$23 16 \$\overline{0}\$34 13 832 26 838 6 Π26 16 \$\overline{0}\$43 18 \$\overline{0}\$30 14 826 27 819 7 Π03 18 \$\overline{0}\$30 63S 12 824 24 858 4 Π10 12 \$\overline{0}\$45 16 \$\overline{0}\$24 25 838 4 Π45 13 \$\overline{0}\$59 17 \$\overline{0}\$51 14 800 26 818 5 Π21 15 \$\overline{0}\$16 64S 11 857 23 857 2 Π27 9\$\overline{0}\$30 12 815 23 829 1 Π13 6\$\overline{0}\$32 17 \$\overline{0}\$4 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<> | | | | | | | | | | | | | | | | |
| 61S 13 812 26 853 7 Π23 17 \$\frac{1}{9}\$47 16 \$\mathbf{m}\$46 14 802 27 835 8 Π02 19 \$\sigma 03\$ 18 \$\mathbf{m}\$14 14 851 28 817 8 Π41 20 \$\sigma 21\$ 62S 12 849 25 857 5 Π48 15 \$\sigma 28\$ 16 \$\mathbf{m}\$34 13 838 26 838 6 Π26 16 \$\sigma 43\$ 18 \$\sigma 00\$ 18 \$\mathbf{m}\$03 14 826 27 819 7 Π03 18 \$\sigma 00\$ 63S 12 824 24 858 4 Π10 12 \$\sigma 45\$ 16 \$\mathbf{m}\$21 13 812 25 838 4 Π45 13 \$\sigma 59\$ 17 \$\mathbf{m}\$51 14 800 26 818 5 Π21 15 \$\sigma 16\$ 64S 11 857 23 857 2 Π27 9 \$\sigma 30\$ 16 \$\mathbf{m}\$06 12 844 24 835 3 Π01 10 \$\sigma 42\$ 17 \$\mathbf{m}\$38 13 832 25 814 3 Π35 11 \$\sigma 56\$ 65S 11 828 22 851 0 Π41 5 \$\sigma 25\$ 15 \$\mathbf{m}\$50 12 815 23 829 1 Π13 6 \$\sigma 32\$ 17 \$\mathbf{m}\$24 13 802 | " | | | | | | | | | | | | | | | |
| 62S 12 849 25 857 5 π48 15 \$\overline{9}28\$ 16 \$\overline{0}34\$ 13 838 26 838 6 π26 16 \$\overline{0}43\$ 18 \$\overline{0}00\$ 14 826 27 819 7 π03 18 \$\overline{0}00\$ 63S 12 824 24 858 4 π10 12 \$\overline{0}45\$ 16 \$\overline{0}21\$ 13 812 25 838 4 π45 13 \$\overline{0}59\$ 17 \$\overline{0}51\$ 14 800 26 818 5 π21 15 \$\overline{0}16\$ 64S 11 857 23 857 2 π27 9 \$\overline{0}30\$ 16 \$\overline{0}60\$ 12 844 24 835 3 π01 10 \$\overline{0}42\$ 17 \$\overline{0}38\$ 13 832 25 814 3 π35 11 \$\overline{0}56\$ 65S 11 828 22 851 0 π41 5 \$\overline{2}25\$ 15 \$\overline{0}50\$ 12 815 23 829 1 π13 6 \$\overline{0}32\$ 17 \$\overline{0}42\$ 13 802 24 806 1 π45 7 \$\overline{0}43\$ 66S 10 858 21 842 28 850 29 π47 15 \$\overline{0}31\$ 11 844 22 818 29 820 0 \$\overline{0}34\$ 17 \$\overlin | 1 " | | | | | | | 1 | I | | | | | | | |
| 63S 12 824 24 858 4 π 10 12 5 45 16 π/21 13 812 25 838 4 π 45 13 5 59 17 π/51 14 800 26 818 5 π 21 15 5 16 64S 11 857 23 857 2 π 27 9 5 30 16 π/60 12 844 24 835 3 π 01 10 5 42 17 π/38 13 8 32 25 814 3 π 35 11 5 56 65S 11 828 22 851 0 π 41 5 5 25 15 π/50 12 815 23 829 1 π 13 6 5 32 17 π/24 13 802 24 806 1 π 45 7 5 43 66S 10 858 21 842 28 850 29 π 47 15 π/31 11 844 22 818 29 820 0 5 43 17 π/07 12 830 22 854 29 850 15 π/41 | , | | | | | | | | | | | | | | | |
| 64S 11 857 23 857 2π27 9\$30 16 \$\mathbf{m}\$06 12 844 24 835 3π01 10\$42 17 \$\mathbf{m}\$38 13 832 25 814 3π35 11 \$s\$66 65S 11 828 22 851 0π41 5\$25 15 \$\mathbf{m}\$50 12 815 23 829 1π13 6\$32 17 \$\mathbf{m}\$24 13 802 24 806 1π45 7\$43 66S 10 858 21 842 28 850 29 π47 15 \$\mathbf{m}\$31 11 844 22 818 29 820 0\$343 17 \$\mathbf{m}\$07 12 830 22 854 29 850 1\$\mathbf{s}\$41 | | | | | | | | | | | | | | | | |
| 65S 11828 22851 0π41 5\$\sigma 25\$ 15\$\mathbf{m}50\$ 12815 23829 1π13 6\$\sigma 32\$ 17\$\mathbf{m}24\$ 13802 24806 1π45 7\$\sigma 43\$ 66S 10858 21842 28850 29π47 15\$\mathbf{m}31\$ 11844 22818 29820 0\$\sigma 43\$ 17\$\mathbf{m}07\$ 12830 22854 29850 1\$\sigma 41\$ | | | | | | | | | | | | | | | | |
| 66S 10858 21842 28850 29147 15 m 31 11844 22818 29820 0 943 17 m 07 12830 22854 29850 1 941 | | | | | | | | | | | | | | | | |
| | 1 18 m 43 | 19541 | 29850 | 22854 | 12830 | | 0ഇ43 | 29820 | 22818 | 11844 | 15 mg 31 | 29П47 | 28850 | 21842 | 10858 | |
| pc 10840 21801 27845 25π16 15 m/20 11825 21837 28814 25π49 16 m/57 12811 22812 28843 26π23 | 3 18 mg 34 | 26П23 | 28843 | 22812 | 12811 | 16 m ₂ 57 | 25П49 | 28814 | 21837 | 11825 | 15 mg 20 | 25 II 16 | 27845 | 21801 | 10840 | pc |

| | Sid.Tir MC: | | 6m AR '53'10 | RMC: 24 | l°00' | Sid.Tir MC: | | 0m AR 256'31 | CMC: 25 | 5°00' | Sid.Tir MC: | ne: 1h4 27Y | 4m AR 259'42 | MC: 26 | 5°00' |
|------------|----------------------------------|----------------------|----------------------|------------------------------|----------------------|----------------------------------|-------------------------|-------------------------------|------------------------------|-------------------------------|----------------------------------|-------------------------------|----------------------|----------------------------|-------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 26818 | 24П29 | 22513 | 21 237 | 23 m, 27 | 27816 | 25П24 | 23 5 0 9 | 22 A 38 | 24 m 33 | 28814 | 26П19 | 24506 | 23 N 40 | 25 m, 38 |
| 1S | 26811 | 24 П 13 | 21550 | 21 27 | 23 m 26 | 27810 | 25 II 08 | 225647 | 22 \Omega 28 | 24 m 32 | 28808 | 26П03 | 235644 | 23 ⋒30 | 25 m 37 |
| 2S | 26805 | 23 II 57 | 21 5 28 | 21 2 16 | 23 m 25 | 27803 | 24 II 52 | 22524 | 22 \Q 18 | 24 m 31 | 28801 | 25 II 47 | 23521 | 23 & 20 | 25 m 37 |
| 3S 4S | 25 8 58 25 8 51 | 23 II 41 23 II 26 | 21©05 20©42 | 21 \Omega 05 20 \Omega 55 | 23 m/24 23 m/23 | 26 8 56 26 8 49 | 24 II 37 24 II 21 | 22©02 21©39 | 22 \Omega 07 21 \Omega 57 | 24 m/30 24 m/29 | 27854 27847 | 25 II 32 25 II 16 | 22©59 22©36 | 23 \Quad 10 23 \Quad 00 | 25 m 36 25 m 35 |
| 5S | 25844 | 23 II 10 | 20012 | 20Ω44 | | 26842 | 24 11 05 | | 21 Ω 46 | 24 m 29 | 27840 | 25 II 00 | 22913 | 22 \Omega 49 | 25 m 35 |
| 6S | 25838 | 23 II 10 22 II 54 | 19556 | 208144 $20 \Omega 33$ | 23 m/22 23 m/21 | 26835 | 24 II 03 23 II 49 | 21©16 20©53 | 212246 | 24 m 28 | 27833 | 23 II 00 24 II 44 | 21950 | 228149 | 25 m 34 |
| 7S | 25831 | 22 II 38 | 19532 | 20 & 22 | 23 m 20 | 26828 | 23 Д 33 | 20@30 | 21 225 | 24 m 27 | 27826 | 24 Д 28 | 21527 | 22 \Omega 28 | 25 m 33 |
| 8S | 25824 | 22 П 22 | 19509 | 20 20 10 | 23 m 19 | 26822 | 23 Д 17 | 20ഇ06 | 21Ω14 | 24 m/26 | 27819 | 24 П 12 | 21 ഇ04 | 22 Q 17 | 25 m 33 |
| 9S | 25817 | 22П06 | 18945 | 19£59 | 23 m 18 | 26815 | 23 Д 01 | 195642 | 21 202 | 24 m/25 | 27812 | 23 Д 56 | 20540 | 22 A 06 | 25 m 32 |
| 10S | 25810 | 21 Д 50 | 18921 | 19⋒47 | 23 m/17 | 26808 | 22Ⅱ44 | 19\$18 | 20⋒51 | 24 m/24 | 27805 | 23 Д 39 | 20ഇ16 | 21 255 | 25 m/31 |
| | 25804 | 21 II 33 | 17956 | 19236 | 23 m 16 | 26801 | 22 Д 28 | 18954 | 20 0 40 | 24 m 23 | 26858 | 23 П23 | 19552 | 21 0 44 | 25 m 30 |
| 12S 13S | 24857 24850 | 21 II 17 21 II 01 | 17932 17907 | 19Ω24 19Ω12 | 23 m, 15 23 m, 14 | 25 8 54 25 8 47 | 22 II 12 21 II 55 | 18©29 18©04 | 20Ω28 20Ω16 | 24 m/22 24 m/21 | 26 8 51 26 8 44 | 23 II 07 22 II 50 | 19©27 19©03 | 21 \Quad 32 21 \Quad 21 | 25 m 30 25 m 29 |
| 14S | 24843 | 20 II 44 | 16941 | 18£59 | 23 m 13 | 25840 | 21 II 39 | 17939 | 202004 | 24 m/ 20 | 26837 | 22 Д 33 | 18937 | 21 209 | 25 m 28 |
| 15S | 24836 | 20П27 | 16916 | 18 Ω 47 | 23 m 12 | 25833 | 21 Д22 | 179514 | 19 ຄ 52 | 24 m 20 | 26830 | 22 П 17 | 18ഇ12 | 20 A 57 | 25 m 27 |
| 16S | 24829 | 20 Д 11 | 15950 | 18Ω34 | 23 mg 11 | 25826 | 21 Д 05 | 16948 | 19 239 | 24 m 19 | 26823 | 22 Д 00 | 179346 | 20 \$637 | 25 m 27 |
| 17S | 24822 | 19П54 | 15ഇ23 | 18Ω21 | 23 m 09 | 25819 | 20П48 | 16ഇ21 | 19ຄ27 | 24 m 18 | 26815 | 21 Д43 | 17ഇ20 | 20 ຄ32 | 25 m 26 |
| 18S | 24814 | 19П37 | 14957 | 18.008 | 23 m 08 | 25811 | 20 Д 31 | 15@55 | 19 14 | 24 m 17 | 26808 | 21 Д25 | 16953 | 20 20 20 | 25 m 25 |
| | 24807 | 19П19 | 14529 | 17Ω54 | 23 m 07 | 25804 | 20 П 14 | 15©28 | 19Ω00 | 24 m 16 | 26801 | 21 Д08 | 16926 | 20Ω07 | 25 m/24 |
| | 24800 | 19 11 02 | 14©02 13©34 | 17.041 | 23 m 06 | 24857 | 19Д56 | 15500 | 18Ω47 | 24 m 15 | 25853 | 20 II 50 20 II 32 | 15@58 | 19 0 40 | 25 m 24 |
| 21S 22S | 23853 23845 | 18 II 44 18 II 26 | 13934 | 17Ω27 17Ω12 | 23 m 04 23 m 03 | 24849 24842 | 19 II 38 19 II 20 | 14©32 14©03 | 18Ω33 18Ω19 | 24 mp 14 24 mp 12 | 25 8 46 25 8 38 | 20 II 32 20 II 14 | 15©30 15©02 | 19Ω40 19Ω26 | 25 m 23 25 m 22 |
| 23S | 23837 | 18 II 08 | 12936 | 16Ω57 | 23 m 02 | 24834 | 19 Д 02 | 13934 | 18Ω04 | 24 mg 11 | 25830 | 19 Д 56 | 14933 | 19 \alpha 12 | 25 m/ 21 |
| | 23830 | 17 I I50 | 12©06 | 16 ຄ 42 | 23 m 01 | 24826 | 18 I I44 | 13505 | 17£50 | 24 m 10 | 25822 | 19П38 | 14503 | 18 Ω 57 | 25 m 20 |
| 25S | 23822 | 17П31 | 11536 | 16Ω27 | 22 m 59 | 24818 | 18П25 | 12534 | 17Ω34 | 24 m 09 | 25815 | 19П19 | 13@33 | 18 <i>û</i> 42 | 25 mg 19 |
| 26S | 23814 | 17 I I2 | 11905 | 16 Ω 11 | 22 m 58 | 24810 | 18П06 | 12©03 | 17Ω19 | 24 m 08 | 25806 | 19П00 | 13©02 | 18 ຄ 27 | 25 m/18 |
| | 23806 | 16П53 | 10534 | 15 0 3 9 | 22 m 56 | 24802 | 17 Д 47 | 11532 | 17Ω03 | 24 m 07 | 24858 | 18 11 40 | 12530 | 18 A 11 | 25 m 17 |
| 28S 29S | 22858 22850 | 16II33 16II14 | 10©02 9©29 | 15Ω38 15Ω20 | 22 m 55 22 m 53 | 23 8 54 23 8 46 | 17П27 17П07 | 11©00 10©27 | 16Ω46 16Ω29 | 24 mg 06 24 mg 04 | 24850 24842 | 18 II 21 18 II 00 | 11©58 11©25 | 17 N 55 17 N 38 | 25 m 16 25 m 15 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 22842 22833 | 15 II 53 15 II 33 | 8955 8921 | 15Ω02 14Ω44 | 22 m 52 22 m 50 | 23 8 37 23 8 29 | 16 II 47 16 II 26 | 9 5 53 | 16Ω11 15Ω53 | 24 m 03 24 m 02 | 24833 24824 | 17П40 17П19 | 10න52 10න17 | 17Ω21 17Ω03 | 25 m 14 25 m 13 |
| 32S | 22824 | 15 II 12 | 79346 | 14 \alpha 25 | 22 m/49 | 23820 | 16耳05 | 8943 | 15Ω34 | 24 m 00 | 24815 | 16П58 | 9942 | 16Ω44 | 25 m 12 |
| 33S | 22816 | 14 I I50 | 7509 | 14⋒05 | 22 m 47 | 23811 | 15 Д 43 | 8গু07 | 15 Q 15 | 23 m 59 | 24806 | 16Д36 | 9905 | 16 ຄ 25 | 25 m 11 |
| 34S | 22807 | 14П29 | 6932 | 13 A 45 | 22 m/45 | 23802 | 15П21 | 7930 | 14£055 | 23 m 57 | 23857 | 16П14 | 8928 | 16£06 | 25 m 10 |
| 35S | 21857 | 14 I I06 | 5ഇ54 | 13 № 23 | 22 m/43 | 22853 | 14П59 | 6952 | 14Ω34 | 23 m/56 | 23848 | 15Д51 | 7ඉ50 | 15 € 45 | 25 m/09 |
| 36S | 21848 | 13 11 43 | 5915 | 13 0 0 1 | 22 m 42 | 22843 | 14 11 36 | 6913 | 14 \Q 12 | 23 m 54 | 23838 | 15 Д 28 | 7510 | 15 0 24 | 25 m 07 |
| | 21838 | 13 II 20 12 II 56 | 4935 3954 | 12.038 | 22 m 40 22 m 38 | 22833 | 14 II 12 13 II 48 | 5932 4951 | 13Ω50 13Ω26 | 23 m 53 23 m 51 | 23828 | 15 Π 05 14 Π 40 | 6930 5948 | 15 ົ | 25 mg 06 25 mg 05 |
| | 21818 | 12 Д 31 | 3931 | 11250 | 22 m/ 36 | 22813 | 13 Д 23 | 4908 | 13 202 | 23 m 49 | 23808 | 14 Д 15 | 5 9 05 | 14 N 14 | 25 m 03 |
| | 21808 | 12П06 | 2528 | 11Ω24 | 22 m 34 | 22803 | 12П58 | 3 5 2 4 | 12ຄ36 | 23 m 48 | 22857 | 13 Д 50 | 4921 | 13 Q 49 | 25 m 02 |
| 41S | 20857 | 11 Д 40 | 19543 | 10Ω57 | 22 m 31 | 21852 | 12 Д 32 | 2539 | 12Ω09 | 23 m 46 | 22846 | 13 Д23 | 3935 | 13 N 23 | 25 m 00 |
| 42S | 20846 | 11 Д 14 | 0ഇ56 | 10Ω28 | 22 m, 29 | 21841 | 12П05 | 1 52 | 11Ω41 | 23 m/44 | 22835 | 12 Д 56 | 2948 | 12£055 | 24 m/59 |
| 43S | 20835 | 10 11 46 | 0908 | 9258 | 22 m 27 | 21829 | 11 Д 37 | 1993 | 11 \Q 12 | 23 m 42 | 22823 | 12 Д 28 | 1959 | 12 \O 26 | 24 m 57 |
| | 20824 | 101118 | 291118 | 9.027 | 22 m 24 | 21818 | 11 11 09 | 0513 | 10Ω41 | 23 m/40 | 22811 | 12 Д 00 | 1509 | 11.056 | 24 m 56 |
| | 20812 19859 | 9П49 9П19 | 28 II 27 27 II 34 | 8Ω54 8Ω19 | 22 m/21 22 m/19 | 21805 20853 | 10 II 40 10 II 09 | 29 Д21 28 Д28 | 10Ω08 9Ω34 | 23 m 38 23 m 35 | 21859 21846 | 11 II 30 11 II 00 | 0©16 29∏22 | 11 Ω23 10 Ω49 | 24 m 54 24 m 52 |
| | 19839 | 8П48 | 26 II 39 | 7Ω42 | 22 m 16 | 20833 | 9Д38 | 27 II 32 | 8£57 | 23 m 33 | 21833 | 10 Д 28 | 28 II 26 | 10 Ω 13 | 24 m 50 |
| 48S | 19833 | 8 I I16 | 25 II 42 | 7ብ02 | 22 m 13 | 20826 | 9П06 | 26Ц35 | 8 Ω 18 | 23 m/30 | 21820 | 9Д55 | 27II28 | 9ຄ35 | 24 m 48 |
| 49S | 19820 | 7П43 | 24 II 43 | 6 Q 21 | 22 m 10 | 20813 | 8П32 | 25 Д35 | 7 . 037 | 23 m/28 | 21805 | 9П21 | 26II28 | 8 N 54 | 24 m/46 |
| 50S | 19805 | 7 I I08 | 23 11 41 | 5 Ω 36 | 22 m, 06 | 19858 | 7 I I57 | 24П33 | 6 Ω 53 | 23 m, 25 | 20851 | 8П46 | 25 11 25 | 8 Ω 10 | 24 m/44 |
| | 18851 | 6Ц33 | 22 Д 38 | 4 \Omega 49 | 22 m 03 | 19843 | 7Д21 | 23 Д29 | 6Ω06 | 23 m 22 | 20836 | 8 Д 10 | 24 11 20 | 7 \Q 24 | 24 m 41 |
| | 18 8 35 | 5 II 56 5 II 17 | 21 II 32 20 II 23 | 3Ω57 3Ω02 | 21 m 59 21 m 55 | 19 8 28 | 6П44 6П04 | 22 II 22 21 II 12 | 5Ω15 4Ω20 | 23 m 19 23 m 15 | 20820 20803 | 7 II 32 6 II 52 | 23 II 12 22 II 02 | 6Ω34 5Ω40 | 24 m 39 24 m 36 |
| | 18803 | 4 П 37 | 19 I I11 | 2003 | 21 m/ 50 | 18854 | 5II24 | 20 II 00 | 3 N 21 | 23 m/ 12 | 19846 | 6Д11 | 20 II 49 | 4 N 41 | 24 m/ 33 |
| 55S | 17845 | 3П55 | 17П57 | 0ຄ58 | 21 m 46 | 18836 | 4 π 41 | 18П44 | 2Ω17 | 23 m 08 | 19828 | 5П28 | 19П32 | 3 A 37 | 24 m 30 |
| | 17827 | 3П11 | 16耳39 | 29947 | 21 mg 41 | 18818 | 3 Д 57 | 17 Д 26 | 1 207 | 23 mg 04 | 19809 | 4 II 43 | 18 II 12 | 2 N 28 | 24 m 27 |
| | 17808 | 2П25 | 15П19 | 28@30 | 21 m 36 | 17858 | 3п10 | 16耳04 | 29\$50 | 22 m 59 | 18849 | 3Д56 | 16П49 | 1 & 1 1 | 24 m 23 |
| | 16847 | 1 Д 37 | 13 II 54 | 27504 | 21 m 30 | 17838 | 2П22 | 14 II 38 | 28525 | 22 m 55 | 18828 | 3Д06 | 15 II 23 | 29547 | 24 m 19 |
| | 16826 | 0П47 | 12 11 27 | 25@29 | 21 m 24 | 17816 | 1 1 1 3 1 | 13 11 09 | 26950 | 22 m 49 | 18806 | 2П14 | 13 11 52 | 28512 | 24 m 15 |
| 60S | 16804 | 29854 | 10 Д 55 | 23542 | 21 m 17 | 16853 | 0П37 | 11 Д 36 | 25903 | 22 m 44 | 17843 | 1 Д 20 | 12 II 18 | 26526 | 24 m 11 |
| 61S 62S | 15 8 40 15 8 15 | 28858 28800 | 9П20 7П41 | 215540 19520 | 21 m 10 21 m 02 | 16 8 29 | 29840 28841 | 10 II 00 8 II 18 | 23©01 20©41 | 22 m 38 22 m 31 | 17818 16852 | 0П23 29В22 | 10 II 39 8 II 57 | 24©25 22©04 | 24 mp 06 24 mp 01 |
| 63S | 14848 | 26858 | 7Д41 5Д57 | 16934 | 20 m 53 | 15836 | 27838 | 6Ц33 | 17955 | 22 m/ 24 | 16824 | 28818 | 7 I 109 | 19918 | 24 m/ 01 23 m/ 55 |
| | | | 4 I I09 | 135613 | 20 m 43 | 15807 | 26832 | 4 I I43 | 14933 | 22 m 15 | 15854 | 27810 | 5П18 | 15@55 | 23 m/48 |
| | 14819 | 25853 | | | | | | | | | | | | | |
| 65S | 14 8 19 13 8 49 | 24844 | 2п17 | 8956 | 20 m/32 | 14835 | 25821 | 2П49 | 10ഇ13 | 22 m/06 | 15822 | 25859 | 3П21 | 11532 | 23 m 41 |
| 65S 66S | | | | | | 14835 14802 13842 | 25821 24807 23823 | 2 II 49 0 II 50 29 8 41 | 10©13 3©50 27II28 | 22 m 06 21 m 56 21 m 50 | 15822 14848 14827 | 25 8 59 24 8 43 23 8 58 | 3П21 1П20 0П10 | 11©32 5©02 28∏01 | 23 m 41 23 m 32 23 m 27 |

| | Sid.Tir MC: | | 8m AR 202'44 | CMC: 27 | °00' | Sid.Tir MC: | | 2m AR 15'37 | MC: 28 | 3°00' | Sid.Tir MC: | ne: 1h50 | 6m AR 18'20 | MC: 29 |)°00' |
|------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|----------------------|----------------------------------|----------------------|------------------------|----------------------------------|----------------------|----------------------------------|----------------------|--------------------------------|----------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 29812 | 27П14 | 25ഇ03 | 24 \O 42 | 26 m/43 | 0п10 | 28П09 | 26©00 | 25⋒44 | 27 m, 49 | 1п07 | 29П04 | 26957 | 26 A 46 | 28 m, 54 |
| 1S | 29805 | 26耳58 | 249641 | 24⋒32 | 26 m/43 | 0П03 | 27Ⅲ53 | 25ഇ38 | 25⋒34 | 27 m/48 | 1m00 | 28П49 | 26935 | 26⋒37 | 28 m 54 |
| 2S | 28858 | 26П43 | 24919 | 24 N 22 | 26 m/42 | 29856 | 27Д38 | 25©16 | 25 № 25 | 27 m 48 | 0Д53 | 28 Д 33 | 26©13 | 26 N 28 | 28 m 54 |
| 3S | 28851 | 26II 27 | 23556 | 24 \Q 12 | 26 m 42 | 29849 | 27 Д 22 | 24954 | 25 Ω 15 | 27 m 48 | 0П46 | 28 Д 17 | 25@51 | 26 2 18 | 28 m 54 |
| 4S | 28844 | 26II11 | 23534 | 24 A 02 | 26 m/41 | 29842 | 27П06 | 24531 | 25 № 05 | 27 mg 47 | 0П39 | 28П01 | 25©29 | 26A08 | 28 m 53 |
| 5S | 28837 | 25 Д 55 | 23511 | 23 2 52 | 26 m 41 | 29835 | 26П50 | 24509 | 24 2 5 5 | 27 mg 47 | 0 Д 32 | 27 11 45 | 25©06 | 25 € 59 | 28 m 53 |
| 6S | 28830 | 25 II 39 | 22548 | 23 \Quad 42 | 26 m 40 | 29828 | 26 II 34 | 23 5 46 | 24 \Omega 45 | 27 m 47 | 0П25 | 27 Д 29 | 249644 | 25 \Q 49 | 28 m 53 |
| 7S 8S | 28 8 23 28 8 16 | 25 II 23 25 II 07 | 22©25 22©02 | 23 N 31 23 N 21 | 26 m/40 26 m/39 | 29821 29814 | 26 II 18 26 II 02 | 23©23 23©00 | 24 \Omega 35 24 \Omega 25 | 27 mg 46 27 mg 46 | 0П18 0П11 | 27 II 13 26 II 56 | 24©21 23©58 | 25 N 39 25 N 29 | 28 m 53 28 m 53 |
| 9S | 28809 | 24 II 50 | 21938 | 23 N 10 | 26 m/39 | 29807 | 25 II 45 | 22936 | 24 <i>θ</i> 123 | 27 mg 46 | 0П04 | 26 II 40 | 23934 | 25 A 19 | 28 m 53 |
| 10S | 28802 | 24II34 | 21514 | 22 \Omega 59 | 26 m/38 | 28859 | 25П29 | 22512 | 24Ω04 | 27 m 45 | 29856 | 26П24 | 23511 | 25 A 09 | 28 m 52 |
| 11S | 27855 | 24 П 18 | 20950 | 22 \Quad 48 | 26 m/38 | 28852 | 25 II 13 | 219548 | 23 Ω 53 | 27 mg 45 | 29849 | 26日07 | 229347 | 24 N 58 | 28 m 52 |
| 12S | 27848 | 24 II 01 | 20ഇ26 | 22 A 37 | 26 m/37 | 28845 | 24П56 | 21 ഇ24 | 23 N 42 | 27 m/ 45 | 29842 | 25 11 51 | 22©23 | 24 Ω 47 | 28 m 52 |
| 13S | 27841 | 23 11 45 | 20ഇ01 | 22 N 26 | 26 m/37 | 28838 | 24 II 40 | 20ഇ59 | 23 ⋒31 | 27 mg 44 | 29835 | 25 11 34 | 21958 | 24⋒37 | 28 m 52 |
| 14S | 27834 | 23 Д 28 | 19ഇ36 | 22 A 14 | 26 mg 36 | 28831 | 24 11 23 | 20ഇ34 | 23 A 20 | 27 mg 44 | 29827 | 25 Д 18 | 21 5 33 | 24 N 26 | 28 m, 52 |
| 15S | 27827 | 23 Д 11 | 19\$10 | 22 A 03 | 26 m 35 | 28823 | 241106 | 20 ഇ 09 | 23 № 08 | 27 m/43 | 29820 | 25П01 | 21 5 08 | 24 ₪ 14 | 28 m 51 |
| 16S | 27819 | 22 11 54 | 18545 | 21 251 | 26 m 35 | 28816 | 23 Д 49 | 19543 | 22 2 57 | 27 m 43 | 29813 | 24 11 44 | 20542 | 24 \Q 03 | 28 m 51 |
| 17S | 27812 | 22 Д 37 | 18518 | 21 \Q38 | 26 m 34 | 28809 | 23 II 32 | 19517 | 22 \Quad 45 | 27 m 43 | 29805 | 24 II 26 | 20516 | 23 0 30 | 28 m 51 |
| 18S 19S | 27 8 05 26 8 57 | 22 II 20 22 II 02 | 17952 17925 | 21 \Omega 26 21 \Omega 13 | 26 m 34 26 m 33 | 28 8 01 27 8 54 | 23 II 14 22 II 57 | 18©51 18©24 | 22 \Quad 33 22 \Quad \Quad 20 | 27 m, 42 27 m, 42 | 28 8 58 28 8 50 | 24 II 09 23 II 51 | 19©50 19©23 | 23 \Quad 39 23 \Quad 27 | 28 m 51 28 m 51 |
| | | | | | | 27846 | | | | | | | | | |
| 20S 21S | 26 8 50 26 8 42 | 21 II 45 21 II 27 | 16ඉ57 16ඉ29 | 21Ω00 20Ω47 | 26 m 32 26 m 32 | 27846 | 22 II 39 22 II 21 | 17©56 17©28 | 22Ω07 21Ω54 | 27 mg 41 27 mg 41 | 28842 28834 | 23 II 33 23 II 15 | 18©56 18©28 | 23 Ω 15 23 Ω 02 | 28 m 50 28 m 50 |
| 22S | 26834 | 21 Д 09 | 16901 | 20 Ω 33 | 26 mg 31 | 27830 | 22 II 03 | 17900 | 21 Ω41 | 27 mg 41 | 28827 | 22 II 57 | 17959 | 22 Ω 49 | 28 m 50 |
| 23S | 26826 | 20耳50 | 15532 | 20 ₪ 19 | 26 m 31 | 27823 | 21 Д 44 | 16531 | 21 227 | 27 m/40 | 28819 | 22 Д 39 | 17530 | 22 A 36 | 28 m 50 |
| 24S | 26819 | 20 Д 32 | 15©02 | 20⋒05 | 26 mg 30 | 27815 | 21 Д26 | 16901 | 21 A 13 | 27 mg 40 | 28811 | 22 11 20 | 17901 | 22 \Omega 22 | 28 m/50 |
| 25S | 26811 | 20 Д 13 | 14932 | 19£650 | 26 m 29 | 27807 | 21 Д 07 | 15©31 | 20 A 59 | 27 m 39 | 28802 | 22П01 | 16930 | 22 A 08 | 28 m/49 |
| 26S | 26802 | 19 Д 54 | 14901 | 19235 | 26 m 28 | 26858 | 20 Д 47 | 15900 | 20 Ω 44 | 27 m 39 | 27854 | 21 Д41 | 16900 | 21 254 | 28 m 49 |
| 27S 28S | 25 8 54 25 8 46 | 19 II 34 19 II 14 | 13©29 12©57 | 19Ω20 19Ω04 | 26 m/28 26 m/27 | 26 8 50 26 8 42 | 20 II 28 20 II 08 | 14©28 13©56 | 20Ω29 20Ω14 | 27 m/38 27 m/38 | 27846 27837 | 21 II 22 21 II 02 | 15©28 14©56 | 21 Ω39 21 Ω24 | 28 m/49 28 m/49 |
| 29S | 25837 | 18 II 54 | 12937 | 18£04 | 26 m/ 26 | 26833 | 19 Д 48 | 13@30 | 19 N 57 | 27 m/ 37 | 27828 | 20 II 41 | 14930 | 21 N 08 | 28 m/48 |
| 30S | 25829 | 18П33 | 11950 | 18Ω31 | 26 m/26 | 26824 | 19П27 | 12549 | 19Ω41 | 27 m 37 | 27820 | 20 Д21 | 13:549 | 20 20 52 | 28 m 48 |
| 31S | 25829 | 18 II 12 | 11930 | 18Ω13 | 26 m/ 25 | 26815 | 19П27 | 125049 | 19824 | 27 mg 36 | 27811 | 19 Д 59 | 139949 | 20 N 35 | 28 m/48 |
| 32S | 25811 | 17П51 | 10940 | 17£55 | 26 m/24 | 26806 | 18П44 | 11539 | 19£06 | 27 m 36 | 27801 | 19П38 | 12538 | 20 Ω 17 | 28 m 48 |
| 33S | 25802 | 17П29 | 10ഇ04 | 17£36 | 26 m 23 | 25857 | 18П22 | 11502 | 18Ω48 | 27 m 35 | 26852 | 19П16 | 12502 | 19⋒59 | 28 m/47 |
| 34S | 24852 | 17П07 | 9 s 26 | 17Ω17 | 26 m 22 | 25847 | 18П00 | 10©25 | 18£29 | 27 m, 35 | 26842 | 18П53 | 11524 | 19⋒41 | 28 m/47 |
| 35S | 24843 | 16 I I44 | 89548 | 16£57 | 26 m 21 | 25838 | 17Д37 | 99546 | 18⋒09 | 27 m/34 | 26833 | 18耳30 | 10ഇ45 | 19 Q 21 | 28 m/47 |
| 36S | 24833 | 16II21 | 8508 | 16.036 | 26 m 20 | 25828 | 17П14 | 9507 | 17Ω48 | 27 m 33 | 26823 | 18耳06 | 10506 | 19201 | 28 m 46 |
| 37S 38S | 24823 | 15 II 57 15 II 32 | 7 ඉ 28 6 ඉ 46 | 16Ω14 | 26 m 19 26 m 18 | 25 8 18 | 16 II 50 16 II 25 | 8 5 26 | 17Ω27 17Ω05 | 27 m 33 | 26812 | 17П42 17П17 | 9 5 25 8 5 42 | 18Ω40 18Ω18 | 28 m 46 28 m 46 |
| 39S | 24802 | 15 II 07 | 6902 | 15 N 28 | 26 m 17 | 24857 | 16H23 | 7900 | 16Ω41 | 27 m/32 | 25851 | 16 Д 52 | 7959 | 17£56 | 28 m 45 |
| 40S | 23851 | 14П42 | 5ഇ18 | 15 ຄ 03 | 26 m 16 | 24846 | 15 Д 34 | 6©16 | 16Ω17 | 27 m 31 | 25840 | 16П26 | 7 © 14 | 17ຄ32 | 28 mg 45 |
| 41S | 23840 | 14 Д 15 | 4932 | 14.037 | 26 m 15 | 24835 | 15 II 07 | 5929 | 15Ω51 | 27 mg 30 | 25829 | 15 Д 59 | 6927 | 17Ω07 | 28 m 45 |
| 42S | 23829 | 13 Д 48 | 3944 | 14Ω10 | 26 m/14 | 24823 | 14П39 | 49641 | 15 <i>ω</i> 25 | 27 m/29 | 25817 | 15Д31 | 5939 | 16⋒40 | 28 m/44 |
| 43S | 23817 | 13 11 20 | 2955 | 13 <i>Q</i> 41 | 26 mg 13 | 24811 | 14 I 11 | 3952 | 14Ω57 | 27 m/28 | 25805 | 15Ⅲ02 | 49 49 | 16 Q 13 | 28 m/44 |
| 44S | 23805 | 12П51 | 2904 | 13 Q 11 | 26 m 12 | 23859 | 13 Д 42 | 3501 | 14Ω27 | 27 m, 28 | 24853 | 14П33 | 3958 | 15 € 44 | 28 mg 44 |
| 45S | 22853 | 12П21 | 19512 | 12.039 | 26 m 10 | 23846 | 13 П 12 | 2508 | 13 £ 56 | 27 m 27 | 24840 | 14 11 03 | 3504 | 15 \Omega 13 | 28 m 43 |
| 46S | 22840 22826 | 11 II 50 | 0 © 17 | 12 \O 06 | 26 m 09 | 23 8 33 | 12 II 40 | 1୭13 0୭16 | 13 Ω 23 12 Ω 48 | 27 m 26 | 24826 | 13 II 31 | 2509 | 14 0 06 | 28 m 43 28 m 42 |
| 47S 48S | 22826 | 11 II 18 10 II 45 | 29 II 21 28 II 22 | 11Ω30 10Ω52 | 26 mp 07 26 mp 06 | 23 8 20 23 8 06 | 12 II 08 11 II 35 | 0916 29 日 17 | 128148 $12\Omega10$ | 27 m/25 27 m/24 | 24813 23859 | 12 Д 59 12 Д 25 | 19311 09311 | 14 N 06 13 N 29 | 28 mg 42 28 mg 42 |
| 49S | 21858 | 10 II 43 | 27 II 21 | 108232 10 \Omega 12 | 26 mg 04 | 22851 | 11 II 00 | 28 II 15 | 11.031 | 27 m/ 23 | 23844 | 11 II 50 | 29П09 | 12 \Omega 50 | 28 m 41 |
| 50S | 21843 | 9П35 | 26П18 | 9ຄ29 | 26 m ₂ 03 | 22836 | 10П24 | 27П11 | 10ብ48 | 27 m 22 | 23829 | 11 Д 14 | 28П05 | 12 ຄ 09 | 28 m 41 |
| 51S | 21828 | 8II 58 | 25 II 12 | 8 N 43 | 26 m 01 | 22820 | 9П47 | 26 II 04 | 10 203 | 27 m 20 | 23813 | 10Д36 | 26 II 57 | 11 \O24 | 28 m 40 |
| 52S | 21812 | 8п20 | 24П03 | 7 a 53 | 25 m 59 | 22804 | 9п08 | 24П55 | 9Ω14 | 27 m 19 | 22856 | 9П56 | 25 11 47 | 10 ຄ36 | 28 m 39 |
| 53S | 20855 | 7II 40 | 22 Д 52 | 7,000 | 25 m 57 | 21847 | 8 Д 28 | 23 Д43 | 8 N 2 1 | 27 m 18 | 22839 | 9Д15 | 24 Д 34 | 9 Ω 43 | 28 m 39 |
| 54S | 20838 | 6Д58 | 21 11 38 | 6£02 | 25 m/55 | 21829 | 71145 | 22 11 28 | 7Ω24 | 27 mg 16 | 22821 | 8Д33 | 23 11 18 | 8Ω47 | 28 m/38 |
| 55S | 20819 | 6II 14 | 20 11 20 | 4£59 | 25 m 52 | 21810 | 7 I 101 | 21 II 09 | 6Ω22 | 27 m 15 | 22802 | 7 II 48 | 21 II 58 | 7.045 | 28 m 37 |
| 56S 57S | 20800 19840 | 5П29 4П41 | 18 II 59 17 II 35 | 3Ω50 2Ω34 | 25 m 50 25 m 47 | 20 8 51 20 8 30 | 6П15 5П26 | 19П47 18П21 | 5Ω13 3Ω58 | 27 mg 13 27 mg 11 | 21842 21821 | 7П01 6П12 | 20 II 35 19 II 08 | 6Ω38 5Ω24 | 28 m 36 28 m 35 |
| 58S | 19818 | 3II51 | 16 I I07 | 1010 | 25 m/44 | 20830 | 4II36 | 16耳52 | 2035 | 27 mg 09 | 20859 | 5 <u>П</u> 21 | 17II 37 | 4Ω01 | 28 m 34 |
| 59S | 18856 | 2П58 | 14П35 | 29ഒ36 | 25 m/41 | 19846 | 3П42 | 15П19 | 1 202 | 27 m 07 | 20835 | 4П26 | 16耳03 | 2 ນ 29 | 28 m 33 |
| 60S | 18832 | 2П03 | 12П59 | 27ഇ50 | 25 m/38 | 19821 | 2П46 | 13П41 | 29ഇ17 | 27 m, 05 | 20811 | 3П29 | 14П24 | 0 Ω 45 | 28 m, 32 |
| 61S | 18807 | 1 II 05 | 11 I I19 | 25ഇ50 | 25 m/34 | 18856 | 1 Д 47 | 12П00 | 27©17 | 27 m 03 | 19845 | 2П29 | 12П40 | 28945 | 28 m 31 |
| 62S | 17840 | 0П03 | 9П35 | 23 5 30 | 25 m/30 | 18828 | 0П44 | 10 П 13 | 24957 | 27 m 00 | 19817 | 1 Д 26 | 10П52 | 26527 | 28 m 30 |
| 63S | 17812 | 28858 | 7II 46 | 20544 | 25 m 26 | 17859 | 29838 | 8 II 22 | 22512 | 26 m 57 | 18847 | 0II18 | 8II 59 | 23542 | 28 m 28 |
| 648 | 16841 | 27849 | 5 II 52 | 17520 | 25 m 21 | 17828 | 28828 | 6H27 | 18548 | 26 m 54 | 18815 | 29807 | 7 I I01 | 20519 | 28 m 27 |
| 65S 66S | 16 8 08 | 26 8 36 25 8 19 | 3 II 53 1 II 50 | 12 <u>ඉ</u> 56 6ඉ18 | 25 m 15 25 m 09 | 16 8 55 | 27814 25855 | 4П26 2П20 | 14©23 7©40 | 26 m 50 26 m 46 | 17841 17804 | 27851 26831 | 4П58 2П50 | 15©54 9©08 | 28 m 25 28 m 23 |
| pc | 15812 | 24833 | 0Д39 | 28 II 32 | 25 m 05 | 15858 | 25808 | 1 II 07 | 29 II 03 | 26 m 43 | 16843 | 25844 | 1 Д 36 | 29 II 32 | 28 m 21 |
| Calcula | | | | | | | | | | | 1 2 2 13 | | - 200 | | |

| | Sid.Tin MC: | | 0m AR 0'53 | MC: 30 | °00' | Sid.Tir MC: | | 4m AR 3'15 | MC: 31 | °00' | Sid.Tir MC: | | 8m AR 5'27 | MC: 32 | °00' |
|-------------------|----------------------------------|------------------------|--------------------------------|--------------------|-------------------|----------------------------------|----------------------|--------------------------------|------------------------------|--------------------------------|----------------------------------|----------------------|--------------------------------|--------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2Д05 | 0900 | 27954 | 27 & 49 | 0호00 | 3 Д 02 | 0ഇ55 | 28@52 | 28£51 | 1 2 0 5 | 3Д59 | 1950 | 29\$49 | 29⋒54 | 2 <u>₽</u> 10 |
| 1S | 1Д58 | 29П44 | 27ॼ33 | 27⋒40 | 0₽00 | 2П55 | 0ഇ39 | 28530 | 28⋒42 | 1 2 0 5 | 3 Д 52 | 1934 | 29928 | 29 № 45 | 2 🕰 1 1 |
| 2S | 1 I I51 | 29П28 | 27ഇ11 | 27£30 | 0 = 00 | 2П48 | 0ഇ23 | 28 ഇ 09 | 28£33 | 1 2 0 5 | 3П45 | 19518 | 29906 | 29⋒37 | 2 🕰 1 1 |
| 38 | 1П43 | 29П12 | 26949 | 27.Ω21 | 0 ₽ 00 | 2П40 | 0907 | 279547 | 28 A 24 | 1 2 0 5 | 3 Д 37 | 1992 | 28945 | 29 228 | 2 🕰 1 1 |
| 4S | 1П36 | 28П56 | 26927 | 27Ω12 | 0 ₪ 00 | 2П33 | 29П51 | 27925 | 28 A 15 | 1 ₾ 06 | 3 Д 30 | 0946 | 28523 | 29Ω19 | 2 2 12 |
| 5S | 1П29 | 28П40 | 26©04 | 27Ω02 | 0 ₽ 00 | 2П26 | 29П35 | 27903 | 28⋒06 | 1 2 06 | 3 Д 23 | 0930 | 28501 | 29 Ω 10 | 2 ≏ 12 |
| 6S | 1 Д 22 | 28 11 24 | 25942 | 26 \Omega 53 | 0 ₽ 00 | 2П19 | 29П19 | 26940 | 27.0.49 | 1 2 06 | 3Д16 | 0914 | 27939 | 29 201 | 2 <u>0</u> 12 |
| 7S 8S | 1Д15 1Д08 | 28 II 08 27 II 51 | 25©19 24©56 | 26Ω43 26Ω33 | 0호00 0호00 | 2 II 12 2 II 04 | 29 II 03 28 II 46 | 26©18 25©55 | 27 A 48 27 A 38 | 1요06 1요06 | 3 II 08 3 II 01 | 29 II 58 29 II 41 | 27©16 26©54 | 28 Ω 52 28 Ω 43 | 2 <u>요</u> 13 2 <u>요</u> 13 |
| 9S | 1 Д 00 | 27 II 31 27 II 35 | 24933 | 26Ω24 | 0판00 | 1 Д 57 | 28 II 30 | 25@33 | 27 N 28 | 1 2 06 | 2 Д 54 | 29 Д25 | 26 26 31 | 28£143 28£133 | 2 № 13 |
| 108 | 0Д53 | 27 П 19 | 24910 | 26Ω13 | 0₽00 | 1П50 | 28 п 14 | 25©08 | 27Ω19 | 1 2 07 | 2П46 | 29П09 | 26©07 | 28Ω24 | 2 2 14 |
| 118 | 0Д33 | 27 II 19 27 II 02 | 23946 | 26Ω03 | 0호00 | 1 Д 30 | 27 II 57 | 24945 | 27Ω09 | 1 2 07 | 2Д39 | 28 II 52 | 259644 | 28Ω14 | 2 <u>2</u> 14 |
| 12S | 0Д39 | 26耳46 | 23 5 22 | 25 N 53 | 0호00 | 1 Д 35 | 27 II 41 | 24921 | 26259 | 1 2 07 | 2 Д 32 | 28 Д 36 | 25@20 | 28 № 04 | 2-14 |
| 13S | 0Д31 | 26П29 | 22957 | 25 € 42 | 0₽00 | 1 Д 28 | 27П24 | 23\$56 | 26⋒48 | 1 2 07 | 2П24 | 28П19 | 24956 | 27 Ω 54 | 2 2 15 |
| 14S | 0П24 | 26 Д 12 | 22932 | 25⋒32 | 0 = 00 | 1 Д 20 | 27II 07 | 23 ഇ 32 | 26⋒38 | 1 🖴 07 | 2п17 | 28П02 | 24931 | 27Ω44 | 2 🕰 15 |
| 15S | 0П16 | 25 Д 55 | 22 ഇ 07 | 25 & 21 | 0₽00 | 1 Д 13 | 26耳50 | 23 ഇ 07 | 26£27 | 1 2 08 | 2П09 | 27П45 | 24506 | 27 Ω34 | 2 2 16 |
| 16S | 0П09 | 25 耳 38 | 215642 | 25⋒09 | 0 = 00 | 11105 | 26Ц33 | 225641 | 26Ω16 | 1 ₾ 08 | 2П01 | 27П28 | 235641 | 27⋒23 | 2 ≏ 16 |
| 17S | 0Д01 | 25П21 | 21516 | 24⋒58 | 0₽00 | 0П58 | 26П16 | 22@15 | 26⋒05 | 1 ₾ 08 | 1 Д 54 | 27 Д 10 | 23@15 | 27Ω13 | 2 <u>0</u> 16 |
| 18S | 29854 | 25 II 03 | 20@49 | 24 \Omega 46 | 0 ₽ 00 | 0Д50 | 25 II 58 | 21 5 4 9 | 25 N 54 | 1 2 08 | 1 1 1 46 | 26 II 53 | 22549 | 27 \(\O \) | 2 <u>2</u> 17 |
| 19S | 29846 | 24П46 | 20©22 | 24Ω35 | 0 ₽ 00 | 0П42 | 25 Д 40 | 21 5 22 | 25 € 42 | 1 ₾ 08 | 1Д38 | 26П35 | 22522 | 26 2 50 | 2 △ 17 |
| 20S | 29838 | 24 11 28 | 19955 | 24 \Omega 23 | 0 ₽ 00 | 0П34 | 25 11 23 | 20@55 | 25 A 31 | 1 ₾ 09 | 1Д30 | 26 Д 17 | 21955 | 26⋒39 | 2 <u>□</u> 18 |
| 21S 22S | 29831 29823 | 24 II 10 23 II 52 | 19©27 18©59 | 24Ω10 23Ω57 | 0호00 0호00 | 0П26 0П18 | 25 II 04 24 II 46 | 20©27 19©59 | 25Ω18 25Ω06 | 1요09 1요09 | 1Д22 1Д14 | 25 II 59 25 II 41 | 21©28 20©59 | 26Ω27 26Ω15 | 2 <u>₽</u> 18 2 <u>₽</u> 18 |
| 23S | 29815 | 23 II 32 23 II 33 | 18939 | 23 Ω 44 | 0±00 | 0Д10 | 24 II 27 | 19939 | 24£53 | 1 = 09 | 1Д14 | 25 II 22 | 20939 | 26Ω03 | 2 <u>□</u> 10 |
| 24S | 29806 | 23 Д 14 | 18500 | 23 \Omega 31 | 0 ₽ 00 | 0П02 | 24II08 | 19©01 | 24 \Omega 40 | 1 ₾ 09 | 0П58 | 25 II 03 | 20©01 | 25 £ 50 | 2₾19 |
| 25S | 28858 | 22П55 | 17930 | 23 A 17 | 0호00 | 29854 | 23 Д 49 | 18930 | 24 \Omega 27 | 1 ₾ 10 | 0П49 | 24 П 44 | 19531 | 25 a 37 | 2₽20 |
| 26S | 28850 | 22 Д 36 | 16959 | 23 \Omega 03 | 0₽00 | 29845 | 23 Д 30 | 18500 | 24 \Omega 13 | 1 ₾ 10 | 0П41 | 24 II 24 | 19500 | 25 Ω24 | 2₾20 |
| 27S | 28841 | 22 Д 16 | 16ഇ28 | 22⋒49 | 0 = 00 | 29837 | 23 Д 10 | 17ഇ28 | 23 ⋒ 59 | 1 ₾ 10 | 0Д32 | 24 Ⅲ 04 | 18929 | 25 № 10 | 2 ≏ 21 |
| 28S | 28833 | 21 Д 56 | 15@56 | 22.034 | 0 ₽ 00 | 29828 | 22 11 50 | 16956 | 23 \Quad 45 | 1 ₾ 10 | 0П23 | 23 Д 44 | 17956 | 24 \Omega 56 | 2 2 2 1 |
| 29S | 28824 | 21 Д 35 | 15©22 | 22Ω18 | 0 დ 00 | 29819 | 22 Д 29 | 16523 | 23 230 | 1 🕰 1 1 | 0П14 | 23 Д23 | 17923 | 24Ω41 | 2 ≏ 22 |
| 30S | 28815 | 21 11 14 | 145649 | 22 \O 03 | 0 ₽ 00 | 29810 | 22 11 08 | 15 5 4 9 | 23 \Q 14 | 1011 | 0Д05 | 23 11 02 | 16949 | 24 \(\O 26 \) | 2 € 22 |
| 31S 32S | 28806 27856 | 20 II 53 20 II 31 | 14©14 13©38 | 21 Ω 46 21 Ω 29 | 0호00 0호00 | 29 8 01 28 8 52 | 21 II 47 21 II 25 | 15©14 14©38 | 22 \Omega 58 22 \Omega 41 | 1 <u>0</u> 11 | 29856 29846 | 22 II 40 22 II 19 | 16©15 15©39 | 24 Ω 10 23 Ω 54 | 2 <u>⊕</u> 23 2 <u>⊕</u> 23 |
| 33S | 27847 | 20 II 09 | 13930 | 21 & 12 | 0 <u>0</u> 00 | 28842 | 21 II 02 | 14901 | 22 \(\Omega 24 \) | 1 - 1 1 2 1 2 | 29837 | 21 Д 56 | 15902 | 23 £ 34 | 2 2 2 2 4 |
| 34S | 27837 | 19П46 | 12©24 | 20 û 53 | 0 ₽ 00 | 28832 | 20П40 | 13ණ24 | 22 A 06 | 1 🕰 12 | 29827 | 21 Д33 | 14524 | 23 № 20 | 2 🕰 24 |
| 35S | 27827 | 19П23 | 119645 | 20ຄ34 | 0₽00 | 28822 | 20П16 | 12945 | 21 Ω48 | 1 🕰 12 | 29817 | 21 Д 10 | 13945 | 23 ಬ 02 | 2 ≏ 25 |
| 36S | 27817 | 18П59 | 11905 | 20 ₪ 15 | 0₽00 | 28812 | 19П52 | 12ഇ05 | 21 229 | 1 🕰 13 | 29806 | 20耳46 | 13905 | 22 N 43 | 2₽26 |
| 37S | 27807 | 18耳35 | 10ഇ24 | 19⋒54 | 0 = 00 | 28801 | 19П28 | 11523 | 21 ₪ 09 | 1 ₾ 13 | 28856 | 20П21 | 12523 | 22 № 23 | 2 ≏ 26 |
| | | 18 II 10 | | 19 2 3 3 | | | | 10941 | | | | 19Д56 | | | 2 |
| 39S | 26845 | 17П44 | 8গু57 | 19Ω10 | 0 დ 00 | 27840 | 18П37 | 9957 | 20£26 | 1 ₾ 14 | 28834 | 19П30 | 10ഇ57 | 21 Ω 42 | 2 ≏ 28 |
| 40S | 26834 | 17II 18 | 8912 | 18.047 | 0 ₽ 00 | 27828 | 18月10 | 9911 | 20 \Q 03 | 1 🕰 14 | 28822 | 19Д03 | 10911 | 21 \Omega 19 | 2 |
| 41S 42S | 26 8 23 26 8 11 | 16 II 51 16 II 23 | 7 ඉ 25 6 ඉ 37 | 18Ω22 17Ω57 | 0호00 0호00 | 27817 27805 | 17 II 43 17 II 15 | 8 ୭ 24 7 ୭ 36 | 19Ω39 19Ω14 | 1 <u>0</u> 14 | 28 8 11 27 8 59 | 18 II 35 18 II 07 | 9 © 24 8 © 35 | 20Ω56 20Ω31 | 2 <u>∞</u> 29 2 <u>∞</u> 30 |
| 43S | 25859 | 15 II 54 | 5 9 47 | 17.0237 17.030 | 0 <u>0</u> 00 | 26852 | 16 Д 46 | 6945 | 18Ω47 | 1 2 15 | 27846 | 17 II 38 | 7 9 344 | 20 Ω 05 | 2 <u>=</u> 30 |
| 44S | 25846 | 15 Д 24 | 4955 | 17Ω01 | 0 ₽ 00 | 26840 | 16 I I16 | 5953 | 18 Ω 19 | 1 2 16 | 27833 | 17 I I07 | 6951 | 19⋒38 | 2 ≏ 31 |
| 45S | 25833 | 14П54 | 4901 | 16£31 | 0₽00 | 26827 | 15П45 | 4959 | 17£50 | 1 ₾ 16 | 27820 | 16Д36 | 5 <u>9</u> 57 | 19£09 | 2₽32 |
| 46S | 25820 | 14 I I22 | 3©05 | 15⋒59 | 0₽00 | 26813 | 15 Д 13 | 4গু02 | 17£18 | 1 2 16 | 27806 | 16 I I04 | 5900 | 18£38 | 2₽33 |
| 47S | 25806 | 13 Д 49 | 2907 | 15 № 25 | 0 ₽ 00 | 25859 | 14 Д 40 | 3504 | 16045 | 1 ≏ 17 | 26852 | 15Д31 | 4901 | 18£06 | 2 <u>0</u> 34 |
| 485 | 24851 | 13 II 15 | 1997 | 14 \Omega 49 | 0 ₽ 00 | 25844 | 14 Д 05 | 2503 | 16 \Q 10 | 1 2 17 | 26837 | 14 11 56 | 2559 | 17Ω31 | 2 <u>0</u> 35 |
| 49S | 24837 | 12 11 40 | 0904 | 14Ω11 | 0 ₽ 00 | 25829 | 13 11 30 | 0959 | 15 \Omega 32 | 1 | 26822 | 14 11 20 | 1955 | 16⋒54 | 2₽36 |
| 50S | 24821 | 12 II 03 | 28 II 59 | 13 \O 30 | 0 0 00 | 25813 | 12 Д 53 | 29 II 53 | 14 0 08 | 1 🕰 19 | 26806 | 13 II 42 | 0949 20π20 | 16 \Omega 15 | 2 ₾ 37 |
| 51S 52S | 24805 23848 | 11 II 25 10 II 45 | 27 II 51 26 II 40 | 12Ω46 11Ω58 | 0호00 0호00 | 24857 24840 | 12 II 14 11 II 34 | 28 II 45 27 II 33 | 14Ω08 13Ω22 | 1 <u>0</u> 19 | 25 8 49 25 8 32 | 13 II 03 12 II 23 | 29 II 39 28 II 27 | 15Ω32 14Ω46 | 2 <u>a</u> 39 2 <u>a</u> 40 |
| 53S | 23830 | 10 II 43 | 25 II 26 | 11 Ω 07 | 0호00 | 24822 | 10 II 52 | 26 II 18 | 12031 | 1 2 20 | 25814 | 11 II 40 | 27 II 11 | 13 N 57 | 2 <u>2</u> 40 |
| 54S | 23812 | 9П20 | 24II 08 | 10Ω11 | 0₽00 | 24804 | 10П08 | 25 Д 00 | 11 Q 37 | 1 ₾ 21 | 24855 | 10Д56 | 25 Д 51 | 13 £03 | 2 ≏ 43 |
| 55S | 22853 | 8Д35 | 22П48 | 9ຄ10 | 0₽00 | 23844 | 9п22 | 23 Д38 | 10£37 | 1 ₾ 22 | 24835 | 10П10 | 24П29 | 12 ຄ 04 | 2 ≏ 44 |
| 56S | 22833 | 7 I I48 | 21 Д23 | 8⋒04 | 0 = 00 | 23823 | 8Д34 | 22 II 12 | 9⋒31 | 1 223 | 24814 | 9П21 | 23 Д 02 | 11 & 00 | 2 ≏ 46 |
| 57S | 22811 | 6П58 | 19П55 | 6£51 | 0 ₽ 00 | 23802 | 7П44 | 20 Д 43 | 8 N 19 | 1 2 24 | 23852 | 8Д30 | 21 Д31 | 9 € 49 | 2 <u>0</u> 48 |
| 58S | 21849 | 6H06 | 18 II 23 | 5Ω29 | 0 0 00 | 22839 | 6II51 | 19 II 09 | 6Ω58 5Ω28 | 1 2 2 5 | 23829 | 7Д36 | 19II 56 | 8 N 29 | 2 <u>0</u> 50 |
| 598 | 21825 | 5IIII | 16 11 47 | 3 N 58 | 0 ₽ 00 | 22815 | 5 II 55 | 17 II 32 | 5 N 28 | 1 2 2 6 | 23805 | 6H40 | 18II 17 | 7Ω00 5Ω20 | 2 <u>2</u> 52 |
| 60S | 21800 20833 | 4П13 3П12 | 15 II 06 13 II 21 | 2Ω15 0Ω16 | 0호00 0호00 | 21849 21822 | 4П56 3П54 | 15 II 49 14 II 02 | 3Ω46 1Ω49 | 1 <u>2</u> 27 1 <u>2</u> 28 | 22839 22811 | 5 Π 40 | 16 II 33 | 5Ω20 3Ω24 | 2 <u>2</u> 54 |
| 61S | 40033 | 3H12 2H07 | 13 Д 21 | 27959 | 0판00 | 20853 | 2П48 | 14 II 02 12 II 10 | 29533 | 1 1 2 28 | 21841 | 4П37 3П30 | 14П44 12П50 | 3 81 24 1 Ω 10 | 2 <u>0</u> 59 |
| 628 | | 21107 | | _, _,, _ | - O | | 1 Д 39 | 10 II 13 | 26951 | 1 = 27 | 21810 | 2П19 | 10 II 51 | | 3 ₾ 02 |
| 62S 63S | 20805 19835 | 0П59 | 9П36 | 25\$15 | 0 = 00 | 20822 | 1 Щ 3 9 | тодть | 20301 | 1== 31 | 21 O 10 | 2Д19 | тоды | 28929 | |
| 62S 63S 64S | 20805 | | 9П36 7П36 | 25©15 21©53 | 0호00 0호00 | 20822 19849 | 0П25 | 8 I 11 | 23@31 | 1 ₾ 32 | 20836 | 1 II 04 | 8 I I46 | 28@29 25@11 | |
| 63S | 20805 19835 | 0П59 | | | | | | | | | | | | | 3 <u>₽</u> 05 3 <u>₽</u> 09 |
| 63S 64S | 20805 19835 19802 | 0П59 29 8 46 | 7П36 | 21953 | 0∞00 | 19849 | 0П25 | 8 I 11 | 23@31 | 1 - 32 | 20836 | 1 II 04 | 8П46 | 25গু11 | 3 ≏ 05 |

| | Sid.Tir MC: | | 2m AR 7'29 | MC: 33 | °00' | Sid.Tir MC: | | 6m AR 9'20 | MC: 34 | ·°00' | Sid.Tir MC: | | 0m AR | CMC: 35 | °00' |
|------------|----------------------------------|------------------------|----------------------------------|---------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--|---------------------------------|----------------------------------|-----------------------------|----------------------|--|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 4П56 | 2945 | 0 Ω 47 | 0 m ₂ 57 | 3 ≏ 16 | 5П53 | 3940 | 1 Q 45 | 2 m, 00 | 4 <u>₽</u> 21 | 6Д50 | 4935 | 2 N 43 | 3 m, 03 | 5 ≙ 26 |
| 1S | 4 I I49 | 2529 | 0ຄ26 | 0 m/48 | 3 ≏ 16 | 5П46 | 3524 | 1 № 24 | 1 m 52 | 4 ≏ 22 | 6П42 | 4519 | 2 N 22 | 2 m 55 | 5 ≙ 27 |
| 2S | 4 II 42 | 2513 | 0Ω04 | 0 m 40 | 3 △ 17 | 5 II 38 | 3508 | 1 0 0 3 | 1 m 44 | 4 <u>0</u> 22 | 6П35 | 4903 | 2001 | 2 m/47 | 5 2 2 8 |
| 3S 4S | 4П34 4П27 | 1957 1941 | 29©43 29©21 | 0 mp 32 0 mp 23 | 3 <u>₽</u> 17 3 <u>₽</u> 18 | 5П31 5П24 | 2 <u>9</u> 52 2 <u>9</u> 36 | 0Ω41 0Ω20 | 1 m ₂ 35 1 m ₂ 27 | 4 <u>0</u> 23 | 6Ц28 6Ц20 | 3 9 47 3 9 31 | 1Ω40 1Ω19 | 2 m/39 2 m/31 | 5 <u>a</u> 29 |
| 5S | 4Π20 | 1925 | 29900 | 0 mg 14 | 3 <u>□</u> 18 | 5 I 16 | 2920 | 29958 | 1 mp 19 | 4 <u>0</u> 24 | 6Д13 | 3915 | 0Ω57 | 2 m/ 23 | 5-231 |
| 6S | 4 II 20 4 II 12 | 19923 | 29900 | 0 mp 06 | 3 2 1 9 | 5H10 | 2904 | 29936 | 1 mp 19 | 4 <u>22</u> 24 4 <u>2</u> 25 | 6Д05 | 2959 | 08237 0835 | 2 mg 15 | 5231 |
| 7S | 4II05 | 0953 | 28915 | 29 257 | 3 <u>□</u> 19 | 5 I I01 | 19548 | 29514 | 1 m/02 | 4 26 | 5Д58 | 2943 | 0Ω14 | 2 m, 07 | 5 △ 32 |
| 8S | 3Д58 | 0ള36 | 27ॼ53 | 29⋒48 | 3 ≏ 20 | 4II54 | 1932 | 28952 | 0 m/ 53 | 4≏26 | 5Д50 | 2927 | 29\$51 | 1 m, 58 | 5 ≏ 33 |
| 9S | 3П50 | 0920 | 27930 | 29⋒39 | 3 ≏ 20 | 4П47 | 19315 | 28529 | 0 mp 44 | 4 ≏ 27 | 5П43 | 2510 | 29\$29 | 1 m, 50 | 5 ≏ 34 |
| 10S | 3П43 | 0ಽ04 | 27©07 | 29 & 29 | 3 ≏ 21 | 4П39 | 0ණ59 | 28506 | 0 m ₂ 35 | 4≏28 | 5Д35 | 1954 | 29\$06 | 1 m/41 | 5 ≙ 35 |
| 11S | 3П35 3П28 | 29 II 47 29 II 31 | 26 9 43 | 29Ω20 29Ω11 | 3 <u>a</u> 21 3 <u>a</u> 22 | 4 II 32 4 II 24 | 0ණ42 0ණ26 | 27©43 27©19 | 0 m 26 | 4 <u>요</u> 29 4 <u>요</u> 29 | 5П28 5П20 | 1 5 3 7 1 5 2 1 | 28543 28520 | 1 m 32 | 5 2 36 5 2 37 |
| 12S 13S | 3 II 20 | 29 II 14 | 25956 | 298011 | 3 <u>≈</u> 22 | 4H24 4H17 | 0920 | 26956 | 0 mp 17 0 mp 08 | 4 <u>2</u> 29 | 5 II 13 | 19921 | 27956 | 1 m ₂ 24 1 m ₂ 14 | 5 ± 37 |
| 14S | 3 II 13 | 28II 57 | 25@31 | 28 N 51 | 3 <u>□</u> 23 | 4II09 | 29 II 52 | 26@31 | 29 û 58 | 4 <u>0</u> 31 | 5II05 | 0947 | 27932 | 1 m ₂ 05 | 5 ₾ 39 |
| 15S | 3П05 | 28П40 | 25906 | 28⋒41 | 3 ≏ 24 | 4 I 101 | 29П35 | 26ഇ07 | 29 A 48 | 4₽32 | 4II57 | 0930 | 27907 | 0 m ₂ 56 | 5₽39 |
| 16S | 2П58 | 28П23 | 24941 | 28£31 | 3 <u>₽</u> 24 | 3П54 | 29П18 | 25942 | 29 A 38 | 4 <u>₽</u> 32 | 4II50 | 0913 | 26942 | 0 m/ 46 | 5 ≏ 40 |
| 17S | 2Д50 | 281105 | 24915 | 28⋒20 | 3 <u>2</u> 25 | 3 Д 46 | 291100 | 25@16 | 29 2 2 1 2 | 4 △ 33 | 4H42 | 29 Д 55 | 26917 | 0 m/36 | 5 2 41 |
| 188 | 2П42 | 27 II 48 | 23549 | 28 \Omega 10 | 3 <u>2</u> 25 | 3 Д 38 | 28 II 43 | 24550 | 29 A 18 | 4 <u>0</u> 34 | 4 II 34 | 29 Д 38 | 25@51 | 0 m 26 | 5 ≏ 42 |
| 198 | 2Д34 | 27 11 30 | 23523 | 27.0.59 | 3 <u>₽</u> 26 | 3 11 30 | 28 11 25 | 24524 | 29 0 0 5 6 | 4 2 35 | 4 <u>11</u> 26 | 29 11 20 | 25@25 | 0 mg 16 | 5 2 43 |
| 20S 21S | 2П26 2П18 | 27 II 12 26 II 54 | 22©56 22©28 | 27 Ω 47 27 Ω 36 | 3 <u>⊶</u> 27 3 <u>⊶</u> 27 | 3 II 22 3 II 14 | 28 II 07 27 II 48 | 23©57 23©29 | 28 N 56 28 N 45 | 4 <u>요</u> 36 4 <u>요</u> 36 | 4П18 4П09 | 29 II 02 28 II 43 | 24©58 24©30 | 0 m 06 29 N 55 | 5 2 44 5 2 45 |
| 22S | 2П10 | 26 II 35 | 22500 | 27 Ω 24 | 3 <u>□</u> 28 | 3П06 | 27 II 48 27 II 30 | 23901 | 28£34 | 4 <u>0</u> 37 | 4H07 | 28 II 25 | 24902 | 29 Ω 44 | 5≗47 |
| 23S | 2П02 | 26 I I16 | 21531 | 27 Ω 12 | 3 <u>₽</u> 28 | 2П57 | 27 I 11 | 22532 | 28£22 | 4 <u>₽</u> 38 | 3Д53 | 28П06 | 23534 | 29 232 | 5 ≙ 48 |
| 24S | 1Д53 | 25 II 57 | 21 5 02 | 27Ω00 | 3 <u>⊶</u> 29 | 2П49 | 26II52 | 22ഇ03 | 28 A 10 | 4 ≏ 39 | 3П44 | 27 Д 47 | 23505 | 29 N 21 | 5 ≏ 49 |
| 25S | 1П45 | 25П38 | 20ള32 | 26⋒47 | 3 △ 30 | 2П40 | 26II33 | 21 5 3 3 | 27£58 | 4 <u>\$</u> 40 | 3Д36 | 27 Д27 | 22535 | 29 A 09 | 5≗50 |
| 26S | 1 Д 36 | 25 П 18 | 20501 | 26 \(\O 34 \) | 3 ₾ 31 | 2П32 | 26П13 | 21 502 | 27.045 | 4 <u>0</u> 41 | 3 Д 27 | 27 Д 07 | 22504 | 28 257 | 5 2 5 1 |
| 27S 28S | 1 П 27 1 П 19 | 24 II 58 24 II 38 | 19 © 30 18 © 57 | 26Ω21 26Ω07 | 3 <u>⊕</u> 31 3 <u>⊕</u> 32 | 2П23 2П14 | 25 II 53 25 II 32 | 20 © 31 19 © 59 | 27Ω32 27Ω19 | 4 <u>0</u> 42 4 <u>0</u> 43 | 3 II 18 3 II 09 | 26 II 47 26 II 27 | 21©33 21©01 | 28 N 44 28 N 31 | 5 ♀ 52 5 ♀ 53 |
| 29S | 1 Д 10 | 24 II 17 | 18924 | 25 N 53 | 3 ₾ 33 | 2П05 | 25 II 11 | 19926 | 27Ω05 | 4 <u>0</u> 44 | 3п00 | 26 II 06 | 20\$28 | 28 A 18 | 5 <u>=</u> 55 |
| 30S | 1П00 | 23 П 56 | 17950 | 25Ω38 | 3 ≏ 34 | 1П55 | 24II 50 | 18©52 | 26Ω51 | 4 <u>₽</u> 45 | 2П50 | 25 Д 44 | 19\$54 | 28 A 04 | 5≗56 |
| 31S | 0Д51 | 23 II 34 | 17916 | 25 N 23 | 3 <u>□</u> 34 | 1 II 46 | 24II28 | 18917 | 26Ω36 | 4 <u>0</u> 46 | 2Д41 | 25 II 23 | 19519 | 27 \Omega 49 | 5 2 5 7 |
| 32S | 0Д41 | 23 П 12 | 16940 | 25⋒07 | 3 <u>⊶</u> 35 | 1Д36 | 24II 06 | 17941 | 26£21 | 4≗47 | 2Д31 | 25 II 00 | 18943 | 27 A 35 | 5₽59 |
| 33S | 0П32 | 22 11 50 | 16903 | 24 \Omega 51 | 3 △ 36 | 1 11 26 | 23 11 44 | 17504 | 26 A 05 | 4 <u>0</u> 48 | 2Д21 | 24 II 38 | 18506 | 27.019 | 6200 |
| 348 | 0П22 | 22 11 27 | 15@25 | 24 34 | 3 △ 37 | 11116 | 23 11 20 | 16526 | 25 \Omega 48 | 4 <u>0</u> 49 | 2П11 | 24 11 14 | 17528 | 27 03 | 6202 |
| 35S 36S | 0Д11 0Д01 | 22 II 03 21 II 39 | 14946 14906 | 24Ω16 23Ω58 | 3 <u>₽</u> 38 | 1 II 06 0 II 55 | 22 II 57 22 II 32 | 15 ඉ 47 15 ඉ 07 | 25 Ω 31 25 Ω 13 | 4요50 4요52 | 2 II 00 1 II 50 | 23 II 50 23 II 26 | 16549 16509 | 26 Ω 46 26 Ω 29 | 6 <u>0</u> 03 |
| 37S | 29850 | 21 II 37 | 13924 | 23 23 39 | 3 € 40 | 0П35 | 22 II 07 | 14925 | 24 \Omega 55 | 4 <u>□</u> 52 | 1Д30 | 23 II 01 | 15927 | 26Ω11 | 6206 |
| 38S | 29839 | 20П49 | 12541 | 23 Ω 19 | 3 △ 41 | 0П34 | 21 II 42 | 13542 | 24⋒35 | 4 <u>\$</u> 54 | 1 Д 28 | 22 Д 35 | 145644 | 25 € 52 | 6₽08 |
| 39S | 29828 | 20П22 | 11957 | 22 A 58 | 3 ≏ 42 | 0П22 | 21 Д 15 | 12©58 | 24 <i>Q</i> 15 | 4≗56 | 1П16 | 22 Д 09 | 13559 | 25 A 33 | 6₽10 |
| 40S | 29817 | 19П56 | 11911 | 22⋒36 | 3 <u>₽</u> 43 | 0П10 | 20П48 | 12©12 | 23 A 54 | 4≗57 | 1Д04 | 21 Д41 | 13©13 | 25 A 12 | 6₽11 |
| 41S | 29805 | 19П28 | 10@23 | 22 \Omega 13 | 3 <u>2</u> 44 | 29858 | 20 II 20 | 11524 | 23 0 31 | 4 <u>0</u> 59 | 0Д52 | 21 Д 13 | 12525 | 24 \Omega 50 | 6213 |
| 42S 43S | 28 8 52 28 8 40 | 18 II 59 18 II 30 | 9 9 34 8 9 43 | 21 Ω 49 21 Ω 24 | 3 <u>₽</u> 45 3 <u>₽</u> 46 | 29846 29833 | 19П52 19П22 | 10©34 9©43 | 23 \Omega 08 22 \Omega 43 | 5요00 5요02 | 0П40 0П27 | 20 II 44 20 II 14 | 11©35 10©44 | 24Ω27 24Ω03 | 6 2 15 |
| 44S | 28827 | 17II 59 | 7950 | 20 \Omega 57 | 3 <u>≈</u> 47 | 29820 | 18II51 | 8950 | 22 N 17 | 5 2 02 | 0 Д 14 | 19 Д 43 | 9950 | 23 N 38 | 6219 |
| 45S | 28813 | 17П28 | 6955 | 20Ω29 | 3 ≙ 49 | 29807 | 18П20 | 7ഇ54 | 21 û 50 | 5 🕰 05 | 0п00 | 19П12 | 8954 | 23 Q 11 | 6₽21 |
| 46S | 27859 | 16П55 | 5958 | 19⋒59 | 3 ♀ 50 | 28852 | 17 I I47 | 6957 | 21 221 | 5 2 07 | 29846 | 18耳38 | 7956 | 22 N 43 | 6 ≙ 24 |
| 47S | 27845 | 161122 | 4959 | 19 № 27 | 3 <u>□</u> 52 | 28838 | 17II13 | 5957 | 20 250 | 5 △ 09 | 29831 | 18 11 04 | 6956 | 22 \Q 13 | 6₽26 |
| 48S 49S | 27830 27814 | 15 II 47 15 II 10 | 3©57 2©52 | 18Ω53 | 3 <u>₽</u> 53 | 28 8 23 | 16 I I37 | 4954 3949 | 20Ω16 19Ω41 | 5 ⊕ 11 | 29 8 15 29 8 00 | 17 II 28 16 II 51 | 5 9 53 | 21 Ω40 21 Ω06 | 6 <u>₽</u> 29 |
| | | | | 18Ω17 | | 28807 | | | 19 0 41 | | | | 4947 | | |
| 50S 51S | 26 8 58 26 8 41 | 14 II 32 13 II 53 | 1 න 4 5 0 න 3 4 | 17Ω39 16Ω57 | 3 <u>₽</u> 56 | 27851 27834 | 15 II 22 14 II 43 | 2941 1930 | 19 ຄ 03 18 ຄ 23 | 5 ⊕ 15 | 28 8 43 28 8 26 | 16 II 13 15 II 33 | 3538 2526 | 20 A 29 19 A 49 | 6 ♀ 34 |
| 52S | 26824 | 13 II 33 13 II 12 | 0934 29∏21 | 16Ω12 | 4 <u>00</u> 00 | 27816 | 14 II 43 14 II 01 | 0916 | 17£39 | 5 € 20 | 28808 | 14 II 51 | 19311 | 198049 | 6 <u>≈</u> 37 |
| 53S | 26806 | 12П29 | 28II04 | 15Ω24 | 4 ⊆ 02 | 26857 | 13 II 18 | 28II58 | 16 Ω 51 | 5 2 3 | 27849 | 14 I I07 | 29П53 | 18⋒20 | 6 ≙ 44 |
| 548 | 25846 | 11 Д 44 | 26П44 | 14Ω31 | 4 ♀ 04 | 26838 | 12 Д 32 | 27П37 | 16 Ω 00 | 5 ≏ 26 | 27829 | 13 Д21 | 28 Д 30 | 17£29 | 6 ≏ 47 |
| 55S | 25826 | 10П57 | 25 II 20 | 13 € 33 | 4 2 07 | 26817 | 11 Д 45 | 26П12 | 15⋒03 | 5 🕰 29 | 27808 | 12 Д 33 | 27П04 | 16£34 | 6₽51 |
| 56S | 25805 | 10П08 | 23 II 52 | 12.030 | 4 <u>0</u> 09 | 25856 | 10 II 55 | 24 II 42 | 14£01 | 5 <u>0</u> 32 | 26846 | 11 II 42 | 25 II 34 | 15 £ 33 | 6 <u>0</u> 55 |
| 57S 58S | 24843 24819 | 9П16 8П22 | 22 II 20 20 II 43 | 11Ω20 10Ω02 | 4 <u>₽</u> 12 4 <u>₽</u> 15 | 25 8 33 25 8 09 | 10 II 03 9 II 07 | 23 II 09 21 II 31 | 12Ω52 11Ω36 | 5 ⊕ 36 5 ⊕ 40 | 26 8 23 25 8 59 | 10П49 9П53 | 23 II 59 22 II 19 | 14 N 26 13 N 11 | 7요00 7요04 |
| 59S | 23854 | 7II 24 | 19 II 02 | 8 N 34 | 4 <u>0</u> 18 | 24844 | 8II 09 | 19П48 | 10Ω10 | 5 2 44 | 25833 | 8П54 | 20 Д 35 | 11 247 | 7 2 10 |
| 60S | 23828 | 6П24 | 17П16 | 6£55 | 4 <u>₽</u> 21 | 24817 | 7п08 | 18П01 | 8ຄ32 | 5 ≙ 48 | 25806 | 7П52 | 18П45 | 10Ω12 | 7≗15 |
| 61S | 23800 | 5П20 | 15 Д 26 | 5 Ω 01 | 4 25 | 23848 | 6П03 | 16 I I08 | 6Ω41 | 5 - 5 3 | 24837 | 6П46 | 16Д51 | 8 N 22 | 7≘21 |
| 62S | 22830 | 4II 12 | 13 11 30 | 2 \Omega 49 | 4 2 29 | 23818 | 4II54 | 14 I I10 | 4Ω30 | 5 2 58 | 24806 | 5Д35 | 14П50 | 6Ω14 | 7 2 28 |
| 63S 64S | 21857 21823 | 3 II 00 1 II 43 | 11П28 9П21 | 0 ຄ 10 26 ອ 5 5 | 4 <u>0</u> 33 | 22845 22810 | 3 II 40 2 II 22 | 12П06 9П57 | 1 Ω 54 28 © 41 | 6 <u>0</u> 04 | 23832 | 4П21 3П01 | 12 Д 44 10 Д 32 | 3 ຄ 40 0 ຄ 31 | 7 ♀ 35 7 ♀ 44 |
| | | | | | 4 <u>₽</u> 38 | | | | | 6 <u>₽</u> 11 | 22856 | | | | |
| 65S 66S | 20 8 46 20 8 06 | 0П21 28 8 54 | 7II 09 4II 51 | 22©37 16©03 | 4요44 4요50 | 21832 20851 | 0П59 29 8 30 | 7П42 5П21 | 24©28 18©03 | 6 <u>⊕</u> 18 | 22 8 18 21 8 36 | 1Д37 0Д06 | 8П15 5П51 | 26ඉ23 20ඉ08 | 7 <u>요</u> 53 8 <u>요</u> 03 |
| pc | 19841 | 28803 | 3Д31 | 7©04 | 4 <u>≈</u> 54 | 20831 | 28838 | 3П59 | 9937 | 6≗32 | 21830 | 29813 | 4 <u>П</u> 28 | 12916 | 8 <u>0</u> 09 |
| | | | | | | 2000. ε: 2 | | | | | | | | | |

| | Sid.Tir MC: | ne: 2h24 8 8 2 | | MC: 36 | °00' | Sid.Tir MC: | | 8m AR 3'50 | MC: 37 | 7°00' | Sid.Tir MC: | | 2m AR 324'58 | RMC: 38 | 3°00' |
|------------|----------------------------------|--------------------------|----------------------|------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------|------------------------------|--------------------------------|----------------------------------|----------------------|----------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7 I I46 | 5930 | 3⋒41 | 4 m ₂ 06 | 6 ≙ 32 | 8П43 | 6925 | 4£39 | 5 m, 10 | 7 ≙ 37 | 9П39 | 7ණ20 | 5 A 38 | 6 mg 13 | 8 ≏ 42 |
| 18 | 7П39 | 5914 | 3 \Omega 20 | 3 m 59 | 6₽33 | 8Д35 | 6909 | 4Ω19 | 5 m, 03 | 7≗38 | 9Д32 | 7905 | 5Ω17 | 6 m 07 | 8 <u>0</u> 43 |
| 2S 3S | 7Π31 7Π24 | 4958 | 3 N 00 2 N 39 | 3 m 51 | 6 <u>₽</u> 34 | 8 II 28 8 II 20 | 5953 | 3 N 58 | 4 m 55 | 7 <u>0</u> 39 | 9П24 9П17 | 6949 | 4.037 | 6 m 00 | 8 <u>0</u> 45 |
| 4S | 7 II 24 7 II 17 | 49942 49926 | 28139 2£118 | 3 m/44 3 m/36 | 6236 | 8 II 13 | 5938 5922 | 3 N 38 3 N 17 | 4 m, 48 4 m, 41 | 7요40 7요42 | 9Д17 | 6933 6917 | 4Ω37 4Ω16 | 5 m ₂ 52 5 m ₂ 45 | 8 요 46 8 요 47 |
| 58 | 7П09 | 4910 | 1Ω56 | 3 m/ 28 | 6 ≗ 37 | 8П05 | 5906 | 2256 | 4 m 33 | 7-12 | 9п01 | 6901 | 3.055 | 5 m ₂ 38 | 8 2 49 |
| 6S | 7H09 7H02 | 3954 | 1 2 3 5 | 3 m/ 20 | 6≗38 | 7 II 58 | 4950 | 2 N 34 | 4 m ₂ 25 | 7 <u>2</u> 43 | 8Д54 | 5945 | 3 N 34 | 5 mg 31 | 8 <u>0</u> 50 |
| 7S | 6П54 | 3538 | 1Ω13 | 3 mg 12 | 6₽39 | 7Д50 | 4933 | 2Ω13 | 4 m 18 | 7 ≙ 45 | 8П46 | 5929 | 3 N 13 | 5 m 23 | 8₽51 |
| 8S | 6 I I47 | 3522 | 0Ω51 | 3 mg 04 | 6₽40 | 7 I I43 | 49:17 | 1 2 5 1 | 4 m, 10 | 7 ≏ 46 | 8П39 | 5912 | 2£51 | 5 mg 16 | 8₽53 |
| 9S | 6П39 | 3506 | 0Ω29 | 2 m/56 | 6 ≙ 41 | 7П35 | 4901 | 1 № 29 | 4 m, 02 | 7 ≏ 48 | 8Д31 | 4956 | 2Ω29 | 5 m, 08 | 8 ≏ 54 |
| 10S | 6П32 | 25649 | 0£06 | 2 m/47 | 6 ≏ 42 | 7П28 | 35644 | 1Ω06 | 3 m/54 | 7 ≏ 49 | 8П24 | 4940 | 2£07 | 5 mg 00 | 8₽56 |
| 118 | 6II 24 | 2533 2516 | 29543 | 2 m 39 | 6 ≏ 43 | 7П20 7П12 | 3528 | 0Ω44 0Ω20 | 3 m 46 | 7 ♀ 50 | 8П16 8П08 | 4923 4907 | 1 0 2 1 | 4 m 53 | 8 <u>0</u> 57 |
| 12S 13S | 6П16 6П09 | 1959 | 29©20 28©56 | 2 m/30 2 m/22 | 6 ₽ 44 | 7H12 7H05 | 3511 2554 | 29\$57 | 3 m ₂ 37 | 7 <u>₽</u> 51 | 8Д00 | 3950 | 1 ຄ 21 0 ຄ 58 | 4 m/ 45 4 m/ 36 | 9200 |
| 14S | 6 I I01 | 19542 | 28532 | 2 mg 13 | 6246 | 6П57 | 2937 | 29@33 | 3 m/ 20 | 7 2 54 | 7II53 | 3933 | 0ຄ34 | 4 m/ 28 | 9 2 01 |
| 15S | 5П53 | 1925 | 28508 | 2 m/03 | 6 ≙ 47 | 6П49 | 2520 | 29509 | 3 m ₂ 11 | 7₽55 | 7II45 | 3516 | 0Ω10 | 4 m 20 | 9ჲ03 |
| 16S | 5II45 | 1908 | 279543 | 1 m 54 | 6249 | 6П41 | 2503 | 28544 | 3 m 02 | 7 ≙ 57 | 7Д37 | 2558 | 29546 | 4 mg 11 | 9204 |
| 17S | 5Д37 | 0950 | 27\$18 | 1 m/45 | 6₽50 | 6Д33 | 19545 | 28\$19 | 2 m 53 | 7≏58 | 7П29 | 2941 | 29ഇ21 | 4 m 02 | 9ჲ06 |
| 188 | 5 П 29 | 0933 | 26552 | 1 m 35 | 6 <u>0</u> 51 | 6П25 | 1528 | 27954 | 2 m/44 | 7 <u>2</u> 59 | 7H21 | 2523 | 28556 | 3 m 53 | 9 ₾ 08 |
| 198 | 5Д21 | 0915 | 26526 | 1 m 25 | 6₽52 | 6II17 | 19510 | 27528 | 2 m/34 | 8 <u>0</u> 01 | 7П12 | 2505 | 28530 | 3 m/44 | 9209 |
| 20S 21S | 5 II 13 5 II 05 | 29 II 57 29 II 38 | 25@59 25@32 | 1 mp 15 1 mp 05 | 6 ♀ 53 | 6 I 109 | 0 0 0 3 3 | 27©01 26©34 | 2 m/ 25 2 m/ 15 | 8요02 8요04 | 7II 04 6II 56 | 1 5 4 7 1 5 2 8 | 28©03 27©36 | 3 m/ 35 3 m/ 25 | 9 亞 11 |
| 21S 22S | 4II 57 | 29 II 38 29 II 20 | 25904 | 0 mp 54 | 6256 | 5 II 52 | 0933 | 26934 | 2 m 04 | 8 <u>2</u> 04 | 6Ц47 | 1928 | 27930 | 3 mg 25 | 9213 |
| 23S | 4 I I48 | 29П01 | 24536 | 0 m/43 | 6₽57 | 5П43 | 29П56 | 25@38 | 1 m 54 | 8요07 | 6Д39 | 0ഇ51 | 26940 | 3 m/ 05 | 9 ≏ 16 |
| 24S | 4 I I40 | 28П41 | 24907 | 0 mg 32 | 6₽58 | 5Д35 | 29П36 | 25©09 | 1 m, 43 | 8₽08 | 6Д30 | 0931 | 26912 | 2 m/54 | 9 ≏ 18 |
| 25S | 4 I I31 | 28П22 | 2337 | 0 mg 20 | 7≗00 | 5П26 | 29П17 | 24\$39 | 1 m ₂ 32 | 8요10 | 6Д21 | 0ഇ12 | 25942 | 2 m/44 | 9ჲ20 |
| 26S | 4II 22 | 28 п 02 | 23506 | 0 m 08 | 7≗01 | 5п17 | 28 Д 57 | 24509 | 1 m, 20 | 8 ₾ 11 | 6п12 | 29 Д 52 | 25@12 | 2 m/33 | 9₽21 |
| 27S 28S | 4II 13 4II 04 | 27 II 42 27 II 21 | 22©35 22©03 | 29Ω56 29Ω44 | 7 ♀ 03 7 ♀ 04 | 5 II 08 4 II 59 | 28 II 37 28 II 16 | 23©38 23©06 | 1 m, 09 0 m, 56 | 8 <u>교</u> 13 | 6Ц03 5Ц54 | 29 II 32 29 II 11 | 245641 245609 | 2 m/21 2 m/10 | 9 <u>a</u> 23 |
| 29S | 3П55 | 27 II 21 27 II 00 | 21930 | 29 £ 31 | 7≗04 | 4II50 | 27 II 55 | 22933 | 0 mg 44 | 8 <u>≈</u> 15 | 5 Д 44 | 28 II 50 | 23936 | 1 m ₂ 57 | 9₽27 |
| 30S | 3П45 | 26 Д 39 | 20@56 | 29 Ω 17 | 7≗07 | 4 <u>1</u> 140 | 27 Д 33 | 21 5 5 9 | 0 m ₂ 31 | 8 ₾ 18 | 5Д35 | 28 Д 28 | 23502 | 1 m 45 | 9229 |
| 31S | 3Д36 | 26 Д 17 | 20@21 | 29 \(\O 03 \) | 7≗09 | 4 I I30 | 27 II 13 | 21 5 24 | 0 mg 17 | 8 20 | 5 Д 25 | 28 II 06 | 22527 | 1 mg 32 | 9₾31 |
| 32S | 3П26 | 25 Д 55 | 19945 | 28⋒49 | 7요10 | 4 II 20 | 26П49 | 20ഇ48 | 0 mg 04 | 8₽22 | 5Ц15 | 27Ⅱ44 | 21ॼ52 | 1 m, 19 | 9മ34 |
| 33S | 31116 | 25 II 32 | 19509 | 28 234 | 7 <u>₽</u> 12 | 4II10 | 26 Д 26 | 20511 | 29 249 | 8 <u>0</u> 24 | 5 II 05 | 27 II 21 | 219615 | 1 m 05 | 9₽36 |
| 348 | 31105 | 25 11 08 | 18931 | 28 18 | 7 ≏ 14 | 41100 | 26 11 03 | 19533 | 29 234 | 8 2 2 6 | 4 <u>П</u> 54 | 26 11 57 | 20@37 | 0 m, 50 | 9 <u>0</u> 38 |
| 35S 36S | 2 II 55 2 II 44 | 24 II 44 24 II 20 | 17951 17911 | 28Ω02 27Ω45 | 7 ≙ 16 7 ≙ 17 | 3 II 49 3 II 38 | 25 II 38 25 II 14 | 18©54 18©14 | 29 A 18 | 8 <u>0</u> 28 | 4П44 4П33 | 26 II 33 26 II 08 | 19©58 19©17 | 0 mg 35 0 mg 19 | 9 <u>a</u> 40 |
| 37S | 2П33 | 23 II 55 | 16929 | 27 Ω 28 | 7 17 | 3 Д 27 | 24 II 48 | 17932 | 28 A 45 | 8 <u>=</u> 30 | 4H33 | 25 II 42 | 18935 | 0 mg 03 | 9245 |
| 38S | 2П22 | 23 Д 29 | 15946 | 27Ω10 | 7 ≏ 21 | 31116 | 24 II 22 | 16949 | 28£28 | 8₽35 | 4 I 10 | 25 Д 16 | 17952 | 29 Ω46 | 9ჲ48 |
| 39S | 2П10 | 23 Д 02 | 15©01 | 26⋒51 | 7 ≏ 23 | 3П04 | 23 Д 56 | 16904 | 28£09 | 8 ≏ 37 | 3Д58 | 24П49 | 17907 | 29 №28 | 9₽51 |
| 40S | 1Д58 | 22 Д 35 | 149515 | 26⋒31 | 7 ≏ 26 | 2П52 | 23 Д28 | 15ഇ17 | 27 A 50 | 8요40 | 3П46 | 24П21 | 16ഇ20 | 29 A 09 | 9 ≏ 54 |
| 418 | 1 1 1 4 6 | 22 II 06 21 II 37 | 13527 | 26 \(\O \) 09 | 7 <u>₽</u> 28 | 2П40 | 22 Д 59 | 14529 | 27.029 | 8 <u>0</u> 42 | 3Д34 | 23 Д 53 | 15932 | 28 250 | 9 <u>₽</u> 57 |
| 42S 43S | 1 II 33 1 II 20 | 21 II 37 21 II 07 | 12©37 11©45 | 25 Ω 47 25 Ω 24 | 7 ♀ 30 7 ♀ 32 | 2П27 2П14 | 22 II 30 22 II 00 | 13©39 12©47 | 27Ω08 26Ω45 | 8요45 8요48 | 3Д21 3Д07 | 23 II 23 22 II 53 | 14©41 13©49 | 28 N 29 28 N 07 | 10 <u>0</u> 00 |
| 44S | 1 п 20 | 20 Д 36 | 10951 | 24 \$\alpha\$ 59 | 7 ⊆ 32 | 2П00 | 21 Д28 | 11952 | 26 N 21 | 8 <u>2</u> 51 | 2Д54 | 22 II 33 | 12555 | 27 Ω44 | 10 2 05 |
| 45S | 0П53 | 20П04 | 9955 | 24Ω33 | 7 ≏ 38 | 1П46 | 20П56 | 10ഇ56 | 25 Q 56 | 8요54 | 2П39 | 21 Д49 | 11958 | 27Ω20 | 10요10 |
| 46S | 0П39 | 19П30 | 8956 | 24⋒06 | 7≗40 | 1 Д 32 | 20П22 | 9957 | 25⋒29 | 8 2 57 | 2П25 | 21 Д 15 | 10@59 | 26⋒54 | 10 △ 13 |
| 47S | 0П24 | 18耳56 | 7955 | 23 23 6 | 7 ≏ 43 | 1 п 17 | 19 Д 47 | 8956 | 25 \O 01 | 9 🗅 00 | 2Д09 | 20 Д 39 | 9957 | 26 Ω26 | 10 ₾ 17 |
| 48S 49S | 0П08 29 8 52 | 18П20 17П42 | 6952 5945 | 23 \Omega 05 22 \Omega 31 | 7 ≗ 46 7 ≗ 49 | 1П01 0П45 | 19 I 11 18 I 33 | 7 ණ 52 6 ණ 4 5 | 24 \Omega 30 23 \Omega 58 | 9 요 04 9 요 08 | 1Д54 1Д37 | 20 II 03 19 II 25 | 8©52 7©45 | 25 Ω 57 25 Ω 25 | 10 <u>₽</u> 21 |
| | | | | | | | | | | | | | | | 10=23 |
| 50S 51S | 29835 29818 | 17 II 03 16 II 23 | 4936 3924 | 21Ω56 21Ω17 | 7 ≗ 53 7 ≗ 56 | 0П28 0П10 | 17 II 54 17 II 13 | 5935 4921 | 23 \Omega 23 22 \Omega 45 | 9 亞 11 | 1 II 20 1 II 02 | 18 II 45 18 II 04 | 6934 5920 | 24Ω51 24Ω15 | 10 <u>0</u> 30 |
| 52S | 29800 | 15 II 40 | 2908 | 20Ω35 | 8 ≘ 00 | 29851 | 16 I I30 | 3905 | 22005 | 9₾20 | 0Д43 | 17 II 21 | 4902 | 23 N 35 | 10至33 |
| 53S | 28840 | 14П56 | 0948 | 19⋒50 | 8204 | 29832 | 15П46 | 19544 | 21 221 | 9₾25 | 0П24 | 16耳35 | 25641 | 22 N 53 | 10 ≙ 45 |
| 548 | 28820 | 14 Д 10 | 29П25 | 19⋒01 | 8호09 | 29812 | 14П59 | 0920 | 20£33 | 9₾30 | 0п03 | 15 Д 48 | 19315 | 22 A 06 | 10≗51 |
| 55S | 27859 | 13 Д 21 | 27 Д 57 | 18£07 | 8 ≏ 13 | 28850 | 14П09 | 28П51 | 19 0 40 | 9 ≏ 35 | 29841 | 14П58 | 29П45 | 21 \Omega 15 | 10 ₾ 57 |
| 56S | 27837 | 12 Д 30 | 26 II 25 | 17£07 | 8 <u>₽</u> 18 | 28828 | 13 Д 18 | 27 II 18 | 18 A 43 | 9 <u>0</u> 41 | 29819 | 14 II 06 | 28П11 | 20 \Omega 19 | 11 203 |
| 57S 58S | 27 8 14 26 8 49 | 11 II 36 10 II 39 | 24 II 49 23 II 08 | 16Ω02 14Ω48 | 8 <u>₽</u> 23 | 28 8 04 27 8 39 | 12 II 23 11 II 26 | 25 II 40 23 II 57 | 17Ω38 16Ω27 | 9 <u>0</u> 47 | 28 8 55 28 8 29 | 13 II 10 12 II 12 | 26 II 32 24 II 47 | 19Ω17 18Ω07 | 11 <u>0</u> 11 |
| 59S | 26823 | 9Д39 | 21 П22 | 13 \Omega 26 | 8 ≘ 35 | 27813 | 10 Д 25 | 22 II 10 | 15207 | 10 🖴 01 | 28802 | 11 Д 10 | 22 Д 58 | 16 \$249 | 11 € 16 |
| 60S | 25855 | 8Д36 | 19Д31 | 11£653 | 8 ≏ 42 | 26844 | 9Д21 | 20П16 | 13 Q 35 | 10요09 | 27833 | 10П05 | 21 Д02 | 15 Ω 20 | 11 ₾ 35 |
| 61S | 25826 | 7П29 | 17Д34 | 10⋒05 | 8 △ 49 | 26814 | 8п12 | 18п17 | 11Ω51 | 10 ₾ 17 | 27803 | 8Д56 | 19П01 | 13 A 38 | 11 △ 45 |
| 62S | 24854 | 6п18 | 15Д31 | 8000 | 8 ≏ 57 | 25842 | 7H00 | 16П12 | 9⋒48 | 10 ₾ 27 | 26830 | 7П42 | 16П54 | 11 A 38 | 11 2 56 |
| 63S | 24820 | 5 II 02 | 13 II 23 | 5Ω30 | 9206 | 25807 | 5 II 42 | 14 II 01 | 7Ω21 | 10 2 37 | 25855 | 6П23 | 14 II 41 | 92016 | 12 208 |
| 648 | 23843 | 3 11 41 | 11 11 08 | 2024 | 9 ≙ 16 | 24830 | 4H20 | 11 11 44 | 4021 | 10 ₾ 49 | 25816 | 4II59 | 12 11 21 | 6£20 | 12 € 21 |
| 65S 66S | 23 8 04 22 8 20 | 2П14 0П42 | 8П48 6П21 | 28©22 22©19 | 9 ≗ 27 9 ≗ 40 | 23 8 49 23 8 05 | 2 II 52 | 9П21 6П51 | 0 ຄ 25 24 ອ 35 | 11 <u>0</u> 16 | 24835 23850 | 3 II 30 1 II 53 | 9П54 7П21 | 2£32 26\$57 | 12 ≘ 35 12 ≘ 52 |
| pc | 21855 | 29847 | 4П56 | 15901 | 9 22 40 | 22839 | 0Д22 | 5П25 | 17@50 | 11 2 25 | 23823 | 0Д56 | 7 II 21 5 II 53 | 20937 | 13 <u>2</u> 32 |
| P+ | | 0 1/ | | 01 | | | | | | 222200 | 1 - 2 - 2 - 2 - 2 - 2 | | - 200 | | |

| | Sid.Tir MC: | | 6m AR 325'56 | CMC: 39 | °00' | Sid.Tir MC: | | 0m AR 326'42 | MC: 40 |)°00' | Sid.Tir MC: | | 4m AR 327'18 | CMC: 41 | °00' |
|------------|----------------------------------|--------------------------------|------------------|---------------------|----------------------------------|----------------------------------|--------------------------------|----------------------|---------------------|--|----------------------------------|-------------------------------|----------------------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 10П35 | 8গু16 | 6 Ω 36 | 7 mp 17 | 9 ≙ 47 | 11 Д32 | 9511 | 7ຄ35 | 8 m, 21 | 10≗52 | 12П28 | 10ഇ06 | 8 Ω 34 | 9 m, 25 | 11 ≏ 57 |
| 1S | 10П28 | 8500 | 6Ω16 | 7 m, 11 | 9 ≙ 49 | 11 Д24 | 8955 | 7Ω15 | 8 mg 15 | 10 △ 54 | 12 П 20 | 9950 | 8 N 15 | 9 mg 19 | 11 ≏ 59 |
| 2S | 10 II 20 | 75544 | 5 N 5 6 | 7 m 04 | 9 2 50 | 11 11 16 | 8939 | 6£55 | 8 mg 08 | 10 ₾ 56 | 12 П 12 | 9935 | 7£55 | 9 m 13 | 12 🖴 01 |
| 3S 4S | 10П13 10П05 | 7 9 28 7 9 12 | 5Ω36 5Ω16 | 6 m, 57 6 m, 50 | 9 ♀ 52 9 ♀ 53 | 11 II 09 11 II 01 | 8 9 23 | 6Ω35 6Ω15 | 8 m, 02 7 m, 55 | 10 \(\oldsymbol{10} \oldsymbol{57} \) | 12 П 05 11 П 57 | 9 5 19 | 7Ω35 7Ω15 | 9 mg 07 9 mg 01 | 12 <u>0</u> 3 |
| 58 | 9Д58 | 6956 | 4Ω55 | | 9 - 55 | 10 Д 54 | 7952 | 5 N 5 5 | 7 m 49 | 11 🖴 01 | 11 Д 49 | 8947 | 6Ω55 | | 12 - 06 |
| 6S | 9Д38 | 6930 | 48133 4Ω34 | 6 m/43 6 m/36 | 92256 | 10 II 34 10 II 46 | 7936 | 5 N 34 | 7 mg 49 | 11201 | 11 Д 49 | 8931 | 6£33 | 8 mp 54 8 mp 48 | 12 <u>22</u> 08 |
| 7S | 9П42 | 6 ඉ 24 | 4Ω13 | 6 mg 29 | 9₽58 | 10 Д 38 | 7920 | 5Ω13 | 7 mg 35 | 11 <u>a</u> 04 | 11 Д 34 | 8915 | 6Ω14 | 8 mg 41 | 12 ₾ 10 |
| 8S | 9Д35 | 6908 | 3 N 51 | 6 m/22 | 9മ59 | 10П31 | 7න03 | 4£052 | 7 m/28 | 11 ₾ 06 | 11 Д 26 | 7959 | 5 N 53 | 8 m/ 35 | 12 ≏ 12 |
| 9S | 9П27 | 5952 | 3 A 30 | 6 mg 15 | 10ჲ01 | 10П23 | 6947 | 4£30 | 7 m, 21 | 11 ≏ 07 | 11П19 | 79543 | 5 0 31 | 8 m, 28 | 12 ≏ 14 |
| 10S | 9П19 | 5935 | 3⋒07 | 6 m, 07 | 10 △ 02 | 10П15 | 6931 | 4 Ω 08 | 7 m, 14 | 11 ₾ 09 | 11Д11 | 7ණ26 | 5 Ω 10 | 8 m, 21 | 12 2 16 |
| 118 | 9П12 | 5919 | 2Ω45 | 6 mg 00 | 10 △ 04 | 10 п 07 | 6914 | 3 № 46 | 7 m, 07 | 11 ₾ 11 | 11 Д 03 | 79510 | 4Ω48 | 8 mg 14 | 12 ₾ 18 |
| 12S | 9П04 | 5902 | 2 \Omega 22 | 5 m 52 | 10 △ 06 | 10 11 00 | 5957 | 3 \O 24 | 7 m 00 | 11 🖭 13 | 10 Д 55 | 6953 | 4Ω25 | 8 m, 07 | 12 € 20 |
| 13S 14S | 8П56 8П48 | 4945 4928 | 1 N 59 1 N 36 | 5 m/44 5 m/36 | 10 ♀ 07 10 ♀ 09 | 9П52 9П44 | 5941 5924 | 3 N 01 2 N 38 | 6 m, 52 6 m, 44 | 11 <u>0</u> 15 | 10П47 10П39 | 6 9 36 | 4Ω03 3Ω40 | 8 m, 00 7 m, 53 | 12 <u>2</u> 22 |
| 15S | | | 1Ω12 | | | | | 2Ω14 | | | 10П31 | | 3Ω16 | | 12-24 |
| 16S | 8П40 8П32 | 4୭11 3୭54 | 0Ω48 | 5 m/28 5 m/20 | 10 <u>₽</u> 11 | 9П36 9П28 | 5 ඉ 06 4 ඉ 49 | 1 \$2.50 | 6 mg 37 6 mg 29 | 11 <u>0</u> 18 | 10 Д 31 | 6902 5945 | 2052 | 7 m, 45 7 m, 38 | 12 <u>22</u> 28 |
| 17S | 8П24 | 3936 | 0ຄ23 | 5 mg 11 | 10 ₾ 14 | 9П20 | 4932 | 1 25 | 6 mg 21 | 11 <u>0</u> 22 | 10 Д 15 | 5927 | 2 N 28 | 7 mg 30 | 12 ₾ 30 |
| 18S | 8П16 | 3518 | 29ഇ58 | 5 m 03 | 10≏16 | 9П11 | 4514 | 1 A 00 | 6 mg 12 | 11 ≏ 24 | 10П07 | 5909 | 2£03 | 7 m, 22 | 12 ≏ 32 |
| 19S | 8П08 | 3900 | 29\$32 | 4 m/ 54 | 10≏18 | 9П03 | 3956 | 0ຄ35 | 6 m, 04 | 11 ₾ 26 | 9П58 | 4951 | 1 N 38 | 7 m, 14 | 12 ≏ 34 |
| 20S | 7П59 | 2942 | 29ഇ06 | 4 m/ 45 | 10≗20 | 8II55 | 3938 | 0 Q 09 | 5 m, 55 | 11 ₾ 28 | 9П50 | 4933 | 1 & 12 | 7 m, 06 | 12≗37 |
| 218 | 7Д51 | 2524 | 28539 | 4 m 35 | 10 21 | 8П46 | 3519 | 29542 | 5 m/ 46 | 11 ₾ 30 | 9П41 | 49915 | 0Ω45 | 6 m, 57 | 12 - 39 |
| 22S 23S | 7Π43 7Π34 | 2 9 05 | 28©11 27©43 | 4 mp 26 4 mp 16 | 10 △ 23 10 △ 25 | 8 II 38 8 II 29 | 3500 2541 | 29©15 28©47 | 5 m, 37 5 m, 28 | 11 <u>0</u> 32 | 9Д33 9Д24 | 3 9 5 6 3 9 3 7 | 0Ω18 29©50 | 6 mg 49 6 mg 40 | 12 <u>0</u> 41 |
| 24S | 7 II 34 7 II 25 | 19940 | 279343 | 4 m) 06 | 10 ≗ 23 | 8П20 | 2922 | 28918 | 5 mg 18 | 11 ≗ 34 | 9П15 | 3937 | 29\$30 | 6 mg 31 | 12 <u>2</u> 44 |
| 25S | 7П16 | 1907 | 26945 | 3 m ₂ 56 | 10 - 29 | 8 I 11 | 2902 | 27949 | 5 m 08 | 11 ₾ 39 | 9п06 | 2958 | 28953 | 6 m ₂ 21 | 12-18 |
| 26S | 7H10 | 0947 | 26915 | 3 m/ 45 | 10 2 2 9 | 8П02 | 19642 | 279319 | 4 m ₂ 58 | 11 2 41 | 8П57 | 2938 | 28923 | 6 mg 11 | 12 <u>2</u> 48 |
| 27S | 6П58 | 0927 | 259344 | 3 m/ 34 | 10 ₾ 33 | 7II53 | 19522 | 26948 | 4 m/48 | 11 ₾ 44 | 8П48 | 2517 | 27952 | 6 mg 01 | 12 △ 54 |
| 28S | 6 I I49 | 0ഇ06 | 25©12 | 3 m 23 | 10≏36 | 7 I I43 | 1901 | 26516 | 4 m/ 37 | 11 ≏ 46 | 8Д38 | 1956 | 27521 | 5 m, 51 | 12 ≏ 56 |
| 298 | 6П39 | 29П45 | 249540 | 3 mp 11 | 10≗38 | 7П34 | 0940 | 25©44 | 4 m/26 | 11 △ 48 | 8П29 | 1935 | 26948 | 5 m, 40 | 12₽59 |
| 30S | 6П29 | 29П23 | 24506 | 2 m/59 | 10≗40 | 7П24 | 0ഇ18 | 25ഇ10 | 4 m, 14 | 11≗51 | 8П19 | 19513 | 26©15 | 5 m, 29 | 13 ₾ 02 |
| 318 | 6Д20 | 29П01 | 23531 | 2 m/ 47 | 10 △ 43 | 7П14 | 29 11 56 | 24536 | 4 m/02 | 11 ₾ 54 | 8П09 | 0951 | 25940 | 5 m 18 | 13 ₾ 05 |
| 32S 33S | 6П10 5П59 | 28 II 38 28 II 15 | 22©56 22©19 | 2 m/34 2 m/21 | 10 <u>⊕</u> 45 10 <u>⊕</u> 48 | 7II 04 6II 54 | 29 II 33 29 II 10 | 24©00 23©23 | 3 m 50 | 11 <u>a</u> 56 | 7 II 59 7 II 48 | 0©28 0©05 | 25©05 24©28 | 5 m, 06 | 13 <u>a</u> 08 |
| 34S | 5 П 39 | 27 II 51 | 219641 | 2 m) 07 | 10至48 | 6П43 | 28 II 46 | 23 5 23 25 25 25 | 3 m/ 37 3 m/ 24 | 12 - 02 | 7Д48 | 29 II 41 | 23950 | 4 m ₂ 54 4 m ₂ 41 | 13 ₾ 14 |
| 35S | 5Д38 | 27II 27 | 21 5 02 | 1 m ₂ 52 | 10 - 53 | 6Д32 | 281122 | 22506 | 3 mg 10 | 12 ₾ 05 | 7П26 | 29 П 17 | 23 5 11 | 4 m 28 | 13 ⊆ 17 |
| 36S | 5 Π 27 | 27 II 02 | 20921 | 1 mp 37 | 10≗56 | 6П21 | 27 II 57 | 21 5 26 | 2 m ₂ 55 | 12 <u>0</u> 03 | 7H20 | 28 II 51 | 22531 | 4 mg 14 | 13 € 20 |
| 37S | 5П16 | 26П37 | 19\$39 | 1 m/21 | 10≏58 | 6П10 | 27П31 | 20944 | 2 m/40 | 12 🕰 11 | 7П04 | 28П26 | 215649 | 3 m/ 59 | 13 ₾ 24 |
| 38S | 5П04 | 26 II 10 | 18556 | 1 mg 05 | 11 △ 01 | 5П58 | 27П05 | 20500 | 2 m/24 | 12 ₾ 14 | 6П52 | 27 Д 59 | 21505 | 3 m/44 | 13 <u>2</u> 27 |
| 398 | 4Π52 | 25 Д 43 | 185511 | 0 mp 48 | 11 △ 04 | 5П46 | 26П37 | 19515 | 2 m, 08 | 12 ₾ 18 | 6П40 | 27 Д 32 | 20\$20 | 3 m, 28 | 13 ₾ 31 |
| 40S | 4 I I40 | 25 Д 15 | 179524 | 0 mp 30 | 11 2 08 | 5 Д 34 | 26П09 | 18528 | 1 m ₂ 50 | 12 21 | 6П27 | 27П03 | 19533 | 3 mg 11 | 13 ₾ 35 |
| 418 | 4H27 | 24 II 46 24 II 17 | 16©35 15©45 | 0 m 11 29Ω51 | 11 <u>0</u> 11 | 5П21 5П08 | 25 II 40 25 II 10 | 17539 | 1 m 32 | 12 225 | 6П14 | 26 II 34 26 II 04 | 18 © 44 17 © 53 | 2 m 54 | 13 <u>∞</u> 39 |
| 42S 43S | 4Π14 4Π01 | 23 II 46 | 13943 | 29 Ω 30 | 11 ⊆ 14 | 4 II 54 | 24 II 39 | 16949 15956 | 1 m/13 0 m/53 | 12 <u>0</u> 29 | 6Д01 5Д48 | 25 II 33 | 17933 | 2 m/36 2 m/16 | 13 <u>2</u> 43 |
| 44S | 3П47 | 23 Д 14 | 13557 | 29 207 | 11 | 4 I I40 | 24II07 | 15©01 | 0 mg 31 | 12 ₾ 37 | 5П33 | 25 II 01 | 16905 | 1 m/ 56 | 13 ₾ 52 |
| 45S | 3Д33 | 22П41 | 13500 | 28£44 | 11≏26 | 4II26 | 23 Д 34 | 14504 | 0 m _p 08 | 12≗41 | 5П19 | 24П28 | 15©08 | 1 m _p 34 | 13≗57 |
| 46S | 3п18 | 22 п 07 | 12501 | 28 A 19 | 11 € 30 | 4II1 | 23 II 00 | 13504 | 29 20 44 | 12-46 | 5П04 | 23 Д 53 | 14907 | 1 m ₂ 1 1 | 14 ₾ 02 |
| 47S | 3п02 | 21 Д 32 | 10@59 | 27£52 | 11 2 34 | 3Д55 | 22 П 24 | 12501 | 29 19 | 12.251 | 4П48 | 23 Д 17 | 13504 | 0 m/46 | 14≏07 |
| 488 | 2Д46 | 20 II 55 | 9953 | 27 \O 24 | 11 ≏ 38 | 3 Д 39 | 21 11 47 | 10@55 | 28 0 51 | 12 2 56 | 4 II 32 | 22 Д 39 | 11558 | 0 m 20 | 14 🕰 13 |
| 49S | 2Д30 | 20 Д 16 | 8945 | 26£53 | 11 △ 43 | 3 Д 22 | 21 11 08 | 9547 | 28 22 | 13 ₾ 01 | 4П14 | 22 11 00 | 10549 | 29251 | 14 ₾ 18 |
| 50S | 2 II 12 | 19II36 | 7934 | 26Ω20 25Ω45 | 11 ≏ 48 | 3 Ц 04 | 20 II 28 | 8935 | 27 \Q 50 | 13 🖴 06 | 3 Д 57 | 21 II 20 | 9536 | 29 A 21 | 14 24 |
| 51S 52S | 1П54 1П35 | 18II 55 18II 11 | 6919 5901 | 25 Ω 45 25 Ω 07 | 11 ⊆ 54 11 ⊆ 59 | 2 II 46 2 II 27 | 19 II 46 19 II 02 | 7519 6500 | 27Ω16 26Ω40 | 13 <u>□</u> 12 | 3 II 38 3 II 19 | 20 II 37 19 II 53 | 8 5 20 7 5 00 | 28 A 48 28 A 13 | 14 <u>0</u> 31 |
| 53S | 1 II 15 | 17 Д 25 | 3938 | 24 \Omega 26 | 12 <u>0</u> 05 | 2П27 | 18 II 15 | 4937 | 26Ω00 | 13 € 19 | 2Д58 | 19Д35 | 5936 | 27 N 35 | 14 <u>2</u> 38 |
| 54S | 0П54 | 16П37 | 29512 | 23 N 41 | 12 △ 12 | 1П46 | 17П27 | 3509 | 25 A 16 | 13 ₾ 32 | 2Д37 | 18П17 | 4907 | 26 A 53 | 14≘53 |
| 55S | 0Д33 | 15П47 | 0ഇ41 | 22 û 51 | 12 ≏ 19 | 1П24 | 16П36 | 1 ഇ 37 | 24 A 28 | 13 ₾ 40 | 2П15 | 17П25 | 2534 | 26 A 07 | 15≏01 |
| 56S | 0П09 | 14II54 | 29П05 | 21 257 | 12 ≏ 26 | 1耳00 | 15П42 | 0ഇ00 | 23 ⋒36 | 13 △ 48 | 1Д51 | 16耳31 | 0ഇ55 | 25 A 16 | 15 ≏ 10 |
| 57S | 29845 | 13 Д 58 | 27 II 24 | 20256 | 12 △ 34 | 0П35 | 14 11 46 | 28 II 17 | 22 \Omega 37 | 13 ₾ 57 | 1 Д 26 | 15 Д 34 | 29 Д 11 | 24 \Omega 20 | 15 € 20 |
| 58S | 29819 | 12 II 59 | 25 II 38 | 19 N 49 | 12 <u>0</u> 42 | 0П09 20×41 | 13 II 46 | 26 II 30 | 21 \Q 32 | 14 🖴 06 | 0Д59 | 14 Д 33 | 27 Π 22 25 Π 26 | 23 \Q 17 | 15 <u>0</u> 30 |
| 598 | 28852 | 11 11 56 | 23 II 47 | 18£33 | 12 <u>0</u> 52 | 29841 | 12 11 11 12 12 1 | 24 II 36 | 20Ω19 | 14 🕰 17 | 0Д31 | 13 Д 29 | 25 II 26 | 22 \O 06 | 15 2 41 |
| 60S 61S | 28 8 23 27 8 51 | 10 II 50 9 II 40 | 21 Д49 19 Д46 | 17Ω07 15Ω28 | 13 △ 02 13 △ 13 | 29 8 12 28 8 40 | 11 ДЗ5 10 Д24 | 22 II 37 20 II 31 | 18Ω55 17Ω19 | 14 <u>a</u> 28 | 0Д01 29 8 29 | 12 II 20 11 II 08 | 23 II 25 21 II 17 | 20Ω46 19Ω13 | 15 ♀ 54 16 ♀ 07 |
| 62S | 27818 | 9 <u>П</u> 40 8 <u>П</u> 25 | 19Д46 | 13 N 31 | 13 <u>13</u> 13 | 28806 | 9П07 | 20Д31 18Д19 | 173C19 15Ω27 | 14±40 14±53 | 28854 | 9Д50 | 19 Д 02 | 193113 17Ω24 | 16±07 |
| 63S | 26842 | 7II 05 | 15 II 20 | 11Ω13 | 13 € 38 | 27829 | 7 I I46 | 16耳00 | 13 N 13 | 15 ₾ 08 | 28817 | 8П27 | 16耳40 | 15Ω15 | 16≘38 |
| 64S | 26803 | 5П39 | 12П57 | 8£22 | 13 ≏ 53 | 26850 | 6П19 | 13 Ⅲ34 | 10ຄ28 | 15 ≏ 24 | 27836 | 6П58 | 14 I 11 | 12 ຄ36 | 16≗56 |
| 65S | 25821 | 4п07 | 10Д28 | 4 <i>⋒</i> 42 | 14ჲ09 | 26806 | 4П45 | 11Д01 | 6 Ω 56 | 15 ₾ 43 | 26852 | 5 Д 23 | 11 Д35 | 9Ω13 | 17 ≏ 16 |
| 66S | 24835 | 2П29 | 7Д52 | 29522 | 14 ₾ 28 | 25819 | 3Д05 | 8п22 | 1052 | 16≏04 | 26804 | 3 Д 41 | 8Д52 | 4£26 | 17≏39 |
| pc | 24807 | 1Д31 | 6Д21 | 23940 | 14≗39 | 24851 | 2П05 | 6Ц50 | 26941 | 16 ₾ 16 | 25835 | 2П40 | 7Ц18 | 29©43 | 17♀53 |
| | | | | | | 2000. ε: 2 | | | | | | | ļ. | | _ |

| Table 11 | 32 | 3 15 \(\text{0.12}\) 15 \(\text{0.14}\) 15 \(\text{0.16}\) 15 \(\text{0.21}\) 15 \(\text{0.22}\) 15 \(\text{0.28}\) 15 \(\text{0.33}\) 15 \(\text{0.33}\) 15 \(\text{0.33}\) 15 \(\text{0.43}\) 15 \(\text{0.43}\) 15 \(\text{0.44}\) 15 \(\text{0.45}\) 15 \(\text{0.45}\) |
|---|---|---|
| 18 13 116 10 246 9,014 10 9,24 3404 14 112 11 244 10,014 11,028 14 40,09 15,007 12,037 11,03 13 10 10 10 10 10 10 | 13 12 m 33 1 54 12 m 28 1 35 12 m 23 1 16 12 m 17 1 57 12 m 12 1 37 12 m 06 1 17 12 m 01 1 56 11 m 55 1 36 11 m 49 1 15 11 m 38 1 32 11 m 32 1 10 11 m 26 1 48 11 m 19 1 25 11 m 13 1 02 11 m 07 1 38 11 m 00 1 14 10 m 53 1 49 10 m 46 1 24 10 m 39 1 58 10 m 32 1 | 15 \(\text{a} \) 14 15 \(\text{a} \) 16 15 \(\text{a} \) 19 15 \(\text{a} \) 23 15 \(\text{a} \) 26 15 \(\text{a} \) 28 15 \(\text{a} \) 33 15 \(\text{a} \) 33 15 \(\text{a} \) 33 15 \(\text{a} \) 38 15 \(\text{a} \) 40 15 \(\text{a} \) 43 15 \(\text{a} \) 45 15 \(\text{a} \) 48 15 \(\text{a} \) 48 15 \(\text{a} \) 53 |
| 28 13T08 10c30 8.055 10m18 13m06 14T04 11c26 90.54 11m23 14m11 15T00 12c21 10m24 12c21 10m24 12c21 10m24 12c21 10m26 10m26 12c21 12c21 10m26 12c21 | 54 | 15 \(\text{a} \) 16 \(\text{a} \) 18 \(\text{a} \) 18 \(\text{a} \) 23 \(15 \text{a} \) 28 \(15 \text{a} \) 33 \(15 \text{a} \) 33 \(15 \text{a} \) 33 \(15 \text{a} \) 34 \(15 \text{a} \) 43 \(15 \text{a} \) 45 \(15 \text{a} \) 55 \(15 \text{a} \) 55 \(15 \text{a} \) 55 |
| 38 13m0 10m14 8.035 10m12 13m08 13m56 11m0 9m25 11m17 14m15 14m15 11m50 10m 48 12m53 9m59 8m15 10m06 13m10 13m14 10m54 9m16 11m12 14m15 14m16 14 | 335 | 15 \(\text{a} \) 15 \(\text{a} \) 15 \(\text{a} \) 23 \\ 15 \(\text{a} \) 26 \\ 15 \(\text{a} \) 28 \\ 15 \(\text{a} \) 33 \\ 15 \(\text{a} \) 33 \\ 15 \(\text{a} \) 38 \\ 15 \(\text{a} \) 43 \\ 15 \(\text{a} \) 45 \\ 15 \(\text{a} \) 48 \\ 15 \(\text{a} \) 53 \\ 15 \(\text{a} \) 55 \\ 15 \(\text{a} \) 55 |
| Section Color Co | 16 | 15 \(\text{a} \) 21 15 \(\text{a} \) 23 15 \(\text{a} \) 26 15 \(\text{a} \) 30 15 \(\text{a} \) 33 15 \(\text{a} \) 33 15 \(\text{a} \) 33 15 \(\text{a} \) 34 15 \(\text{a} \) 43 15 \(\text{a} \) 45 15 \(\text{a} \) 48 15 \(\text{a} \) 48 15 \(\text{a} \) 53 |
| 68 12 13 7 9 927 7,035 9 9 4 13 13 10 10 22 8,036 11 11 11 14 14 11 11 1 | 37 | 15 \(\text{\alpha} 26 \) 15 \(\text{\alpha} 28 \) 15 \(\text{\alpha} 30 \) 15 \(\text{\alpha} 35 \) 15 \(\text{\alpha} 38 \) 15 \(\text{\alpha} 40 \) 15 \(\text{\alpha} 45 \) 15 \(\text{\alpha} 45 \) 15 \(\text{\alpha} 48 \) 15 \(\text{\alpha} 50 \) 15 \(\text{\alpha} 53 \) |
| TS 12 12 13 13 14 15 16 13 12 10 10 10 10 14 14 12 14 12 16 10 10 10 10 10 10 10 | 17 | 15 \(\alpha 28 \) 15 \(\alpha 30 \) 15 \(\alpha 33 \) 15 \(\alpha 35 \) 15 \(\alpha 38 \) 15 \(\alpha 43 \) 15 \(\alpha 45 \) 15 \(\alpha 48 \) 15 \(\alpha 50 \) 15 \(\alpha 53 \) |
| 88 12 12 12 12 13 13 13 13 | 56 | 15 \(\Omega 30 \) 15 \(\Omega 33 \) 15 \(\Omega 38 \) 15 \(\Omega 40 \) 15 \(\Omega 43 \) 15 \(\Omega 48 \) 15 \(\Omega 48 \) 15 \(\Omega 53 \) 15 \(\Omega 53 \) |
| 98 12 11 8 8 6 6 33 9 9 35 3 20 13 10 9 9 34 7 7 34 10 9 21 14 20 14 20 10 30 8 8 10 10 10 10 10 10 | 36 | 15 \(\Omega 33 \) 15 \(\Omega 35 \) 15 \(\Omega 38 \) 15 \(\Omega 40 \) 15 \(\Omega 43 \) 15 \(\Omega 45 \) 15 \(\Omega 48 \) 15 \(\Omega 50 \) 15 \(\Omega 53 \) |
| 108 | 15 | 15 \(\Omega 35 \) 15 \(\Omega 48 \) 15 \(\Omega 48 \) 15 \(\Omega 48 \) 15 \(\Omega 50 \) 15 \(\Omega 53 \) |
| 118 | 54 | 15 \(\Omega 38 \) 15 \(\Omega 40 \) 15 \(\Omega 43 \) 15 \(\Omega 45 \) 15 \(\Omega 48 \) 15 \(\Omega 50 \) 15 \(\Omega 53 \) |
| 138 | 110 | 15 ⊕ 43 15 ⊕ 45 15 ⊕ 48 15 ⊕ 50 15 ⊕ 53 |
| 148 | 48 | 15 ⊕ 45 15 ⊕ 48 15 ⊕ 50 15 ⊕ 53 |
| 158 | 25 | 15 △ 48 15 △ 50 15 △ 53 |
| 168 | 02 | 15 ≙ 50 15 ≙ 53 |
| 178 | 38 | |
| 198 | 49 10 m/46 1 24 10 m/39 1 58 10 m/32 1 | 4 |
| 208 10 10 14 5 5 5 29 2 15 8 17 13 24 11 11 14 6 6 25 3 3 19 9 12 14 25 12 13 5 7 22 14 20 22 10 12 24 24 24 24 24 24 24 | 24 10 m 39 1 58 10 m 32 1 | 15 2 56 |
| 21S 10 10 13 10 13 14 15 10 13 14 15 11 13 15 14 15 15 14 15 15 15 | 58 10 m 32 1 | 15 ≏ 59 |
| 22S 10 10 12 10 12 10 13 10 11 12 13 13 14 15 14 15 14 15 15 14 15 15 | | 16 ♀ 01 16 ♀ 04 |
| 248 10 10 | / בן ד∪ווע∠++ L | 16 2 07 |
| 258 10 10 3 3 53 29 557 7 7 34 13 258 10 156 4 549 1 20 2 8 47 15 207 11 151 5 545 2 2 2 2 2 3 3 3 2 2 | | 16 △ 10 |
| 26S 9 Π 52 3 \$\oting 33\$ 2 9 \$\oting 28\$ 7 \$\overline 25\$ 14 \$\oting 01\$ 10 Π 47 4 \$\oting 29\$ 0.033 8 \$\overline 39\$ 15 \$\oting 10\$ 11 Π 41 5 \$\oting 25\$ 1.0 28S 9 Π 33 2 \$\oting 552\$ 2 \$\oting 266\$ 7 \$\overline 05\$ 14 \$\oting 06\$ 10 Π 28 3 \$\oting 47\$ 2 9 \$\oting 31\$ 8 \$\overline 29\$ 15 \$\overline 16\$ 11 Π 122 4 \$\oting 43\$ 0.0 29S 9 Π 23 2 \$\oting 30\$ 2 7 \$\overline 55\$ 6 \$\overline 55\$ 14 \$\overline 09\$ 10 Π 18 3 \$\overline 26\$ 2 8 \$\overline 59\$ 8 \$\overline 10\$ 15 \$\overline 16\$ 11 Π 12 4 \$\overline 43\$ 0.0 30S 9 Π 13 2 \$\overline 90\$ 2 7 \$\overline 50\$ 6 \$\overline 45\$ 14 \$\overline 12\$ 10 Π 08 3 \$\overline 40\$ 2 8 \$\overline 50\$ 8 \$\overline 10\$ 15 \$\overline 50\$ 11 Π 11 4 \$\overline 22\$ 0.0 30S 9 Π 13 2 \$\overline 90\$ 2 6 \$\overline 50\$ 8 \$\overline 10\$ 15 \$\overline 15\$ 11 Π 11 10 \$\overlin 20\$ 2 9 \$\overline 50\$ 15 \$\o | | 16 △ 13 |
| 278 9 142 3 3 3 28 58 7 7 15 14 203 10 137 4 208 0 202 8 20 15 213 11 11 32 5 504 1 288 9 133 2 2 2 2 2 2 2 2 2 | | 16 ♀ 16 16 ♀ 20 |
| 28S 9 π 33 2 ∞ 52 28 ∞ 26 7 m 05 14 ∞ 06 10 π 28 3 ∞ 47 29 ∞ 31 8 m 20 15 ∞ 16 11 π 22 4 ∞ 43 0.00 29S 9 π 23 2 ∞ 30 2 7 ∞ 53 6 m 55 14 ∞ 09 10 π 18 3 ∞ 26 28 ∞ 59 8 m 10 15 ∞ 19 11 π 12 4 ∞ 22 0.00 30S 9 π 13 2 ∞ 90 2 7 ∞ 20 6 m 45 14 ∞ 12 10 π 08 3 ∞ 04 28 ∞ 26 8 m 00 15 ∞ 23 11 π 02 4 ∞ 00 29 ∞ 31S 9 π 03 1 ∞ 46 2 ∞ 46 6 m 34 14 ∞ 15 9 π 58 2 ∞ 42 2 7 ∞ 50 15 ∞ 26 10 π 52 3 ∞ 37 2 8 ∞ 32S 8 π 53 1 ∞ 23 2 6 ∞ 10 6 m 22 14 ∞ 19 9 π 47 2 ∞ 19 2 7 ∞ 16 7 m 39 15 ∞ 30 10 π 42 3 ∞ 14 2 8 ∞ 33S 8 π 42 1 ∞ 00 2 5 ∞ 34 6 m 11 1 4 ∞ 22 9 π 37 1 ∞ 55 2 6 ∞ 40 7 m 28 15 ∞ 33 | | 16 ± 20 |
| 308 9π13 2∞09 27∞20 6π45 14∞12 10π08 3∞04 28∞26 8π00 15∞23 11π02 4∞00 29∞31S 9π03 1∞46 26∞46 6π34 14∞15 9π58 2∞42 27∞52 7π50 15∞26 10π52 3∞37 28∞33S 8π53 1∞23 26∞10 6π22 14∞19 9π47 2∞19 27∞16 7π39 15∞30 10π42 3∞14 28∞33S 8π42 1∞00 25∞34 6π11 14∞22 9π37 1∞55 26∞40 7π28 15∞33 10π31 2∞51 27∞34S 8π32 0∞36 24∞56 5π58 14∞25 9π26 1∞31 26∞02 7π16 15∞37 10π20 2∞27 27∞35S 8π21 0∞12 24∞17 5π46 14∞29 9π15 1∞07 25∞23 7π04 15∞41 10π09 2∞02 26∞36S 8π09 29π46 23∞36 5π33 14∞33 9π03 0∞41 24∞43 6π52 15∞45 9π58 1∞37 25∞337S 7π58 29π20 22∞54 5π19 14∞36 8π52 0∞15 24∞01 6π39 15∞49 9π46 1∞11 25∞33SS 7π46 28π54 22∞11 5π04 14∞40 8π40 29π49 23∞17 6π25 15∞53 9π34 0∞44 24∞339S 7π34 28π26 21∞26 4π49 14∞44 8π27 29π21 22∞32 6π10 15∞57 9π21 0∞16 23∞3 40S 7π21 27π58 20∞39 4π33 14∞48 8π15 28π52 21∞45 5π55 16∞02 9π09 29π47 22∞34S 6π55 26π58 18∞59 3π59 14∞57 7π48 27π53 20∞05 5π23 16∞11 8π42 28π47 21∞34S 6π41 26π27 18∞06 3π40 15∞07 7π20 26π49 18∞16 4π46 16∞22 8π13 27π43 19∞3 4π35 6π41 26π27 25π55 17∞10 3π21 15∞07 7π20 26π49 18∞16 4π46 16∞22 8π13 27π43 19∞3 4π35 27π43 19∞3 4π36 4π36 4π46 16∞22 8π13 27π43 19∞3 4π36 6π27 25π55 17∞10 3π21 15∞07 7π20 26π49 18∞16 4π46 16∞22 8π13 27π43 19∞3 4π36 4π36 4π36 4π46 16∞22 8π13 27π43 19∞3 4π36 4π36 4π36 4π46 16∞22 8π13 27π43 19∞3 4π36 | - | 16 2 26 |
| 31S 9π03 1 \$\omega\$ 46 6 \$\omega\$ 46 6 \$\omega\$ 34 14\$\omega\$ 15 9π58 2 \$\omega\$ 42 27\$\omega\$ 52 7 \$\omega\$ 50 15\$\omega\$ 26 10π52 3 \$\omega\$ 37 28 \$\omega\$ 32S 8π53 1 \$\omega\$ 23 26\$\omega\$ 10 6 \$\omega\$ 22 14\$\omega\$ 19 9π47 2 \$\omega\$ 19 27\$\omega\$ 16 7 \$\omega\$ 39 15\$\omega\$ 30 10π42 3 \$\omega\$ 14 28 \$\omega\$ 33S 8π42 1 \$\omega\$ 00 25\$\omega\$ 34 6 \$\omega\$ 11 14\$\omega\$ 22 9π37 1 \$\omega\$ 55 26\$\omega\$ 40 7 \$\omega\$ 28 15\$\omega\$ 33 10π31 2 \$\omega\$ 51 27\$\omega\$ 34S 8π32 0 \$\omega\$ 36 24\$\omega\$ 56 5 \$\omega\$ 58 14\$\omega\$ 25 9π26 1 \$\omega\$ 31 26\$\omega\$ 02 7 \$\omega\$ 16 15\$\omega\$ 37 10π20 2 \$\omega\$ 27 27\$\omega\$ 35S 8π21 0 \$\omega\$ 12 24\$\omega\$ 17 5 \$\omega\$ 46 14\$\omega\$ 29 9π15 1 \$\omega\$ 07 25\$\omega\$ 23 7 \$\omega\$ 04 15\$\omega\$ 41 10π09 2 \$\omega\$ 02 26\$\omega\$ 36S 8π09 29π46 23\$\omega\$ 36 5 \$\omega\$ 33 14\$\omega\$ 33 9π03 0 \$\omega\$ 41 24\$\omega\$ 43 6 \$\omega\$ 52 15\$\omega\$ 45 9π58 1 \$\omega\$ 37 25\$\omega\$ 37S 7π58 29π20 22\$\omega\$ 45 5 \$\omega\$ 19 14\$\omega\$ 36 8π52 0 \$\omega\$ 15 24\$\omega\$ 01 6 \$\omega\$ 39 15\$\omega\$ 49 9π46 1 \$\omega\$ 11 25\$\omega\$ 38S 7π46 28π54 22\$\omega\$ 11 5 \$\omega\$ 04 14\$\omega\$ 04 8π40 29π49 23\$\omega\$ 17 6\$\omega\$ 25 15\$\omega\$ 59 9π34 0 \$\omega\$ 04 24\$\omega\$ 39S 7π34 28π26 21\$\omega\$ 21\$\omega\$ 24\$\omega\$ 04 04\$\omega\$ 04 04\$\omega\$ 04 04\$\omega\$ 04 04\$\omega\$ 04 05\$\omega\$ 05\$\omega\$ 05 05\$\omega\$ 05 | 05 9 mg 26 1 | 16 ≏ 30 |
| 32S 8 π 53 1 | - | 16 2 33 |
| 338 8π42 1500 25534 6π11 1422 9π37 1555 26540 7π28 1523 10π31 2551 2753 | | 16 ♀ 37 16 ♀ 40 |
| 35S 8 1 1 0 2 24 17 5 14 1 1 1 1 1 1 1 1 | - | 16 2 44 |
| 36S 8 π 09 29 π 46 23 \$\omega\$ 6 5 \$\omega\$ 33 14 \$\omega\$ 33 9 π 03 0 \$\omega\$ 41 24 \$\omega\$ 43 6 \$\omega\$ 52 15 \$\omega\$ 45 9 π 58 1 \$\omega\$ 37S 7 π 58 29 π 20 22 \$\omega\$ 54 5 \$\omega\$ 19 14 \$\omega\$ 36 8 π 52 0 \$\omega\$ 15 24 \$\omega\$ 01 6 \$\omega\$ 39 15 \$\omega\$ 49 9 π 46 1 \$\omega\$ 11 25 \$\omega\$ 38S 7 π 46 28 π 54 22 \$\omega\$ 11 5 \$\omega\$ 04 14 \$\omega\$ 40 8 π 40 29 π 49 23 \$\omega\$ 17 6 \$\omega\$ 25 15 \$\omega\$ 53 9 π 34 0 \$\omega\$ 44 \$\omega\$ 42 \$\omega\$ 39S 7 π 34 28 π 26 21 \$\omega\$ 26 4 \$\omega\$ 49 14 \$\omega\$ 44 8 π 27 29 π 21 22 \$\omega\$ 32 6 \$\omega\$ 10 15 \$\omega\$ 57 9 π 21 0 \$\omega\$ 16 23 \$\omega\$ 40S 7 π 21 27 π 58 20 \$\omega\$ 39 4 \$\omega\$ 33 14 \$\omega\$ 48 8 π 15 28 π 52 21 \$\omega\$ 45 5 \$\omega\$ 55 16 \$\omega\$ 02 9 π 09 29 π 47 22 \$\omega\$ 41S 7 π 08 27 π 29 19 \$\omega\$ 50 4 \$\omega\$ 16 14 \$\omega\$ 53 8 π 02 28 π 23 20 \$\omega\$ 56 5 \$\omega\$ 39 16 \$\omega\$ 06 8 π 55 29 π 18 22 \$\omega\$ 42S 6 π 41 26 π 27 18 \$\omega\$ 06 3 \$\omega\$ 40 15 \$\omega\$ 02 7 π 34 27 π 21 19 \$\omega\$ 12 5 \$\omega\$ 05 16 \$\omega\$ 18 \$\omega\$ 28 π 16 20 \$\omega\$ 44S 6 π 27 25 π 55 17 \$\omega\$ 10 3 \$\omega\$ 21 15 \$\omega\$ 07 7 π 20 26 π 49 18 \$\omega\$ 16 4 \$\omega\$ 46 16 \$\omega\$ 22 8 π 13 27 π 43 19 \$\omega\$ 24 \$\omega\$ 3 15 \$\omega\$ 16 24 \$\omega\$ 16 \$\omega\$ 16 25 28 π 13 27 π 43 19 \$\omega\$ 25 π 25 2 | 09 8 mp 35 1 | 16 ≏ 48 |
| 378 | - | 16 ≏ 52 |
| 38S 7π46 28π54 22511 5π04 14Φ40 8π40 29π49 23517 6π25 15Φ53 9π34 0544 2453 2453 2454 2454 24554 | , | 16 ♀ 56 17 ♀ 01 |
| 408 7 121 27 158 20 20 39 4 33 14 448 8 115 28 152 21 345 5 5 5 16 202 9 109 29 147 22 32 348 6 142 1 | - | 17≗01 |
| 41S 7π08 27π29 1950 4m16 14±53 8π02 28π23 20556 5m39 16±06 8π55 29π18 225 42S 6π55 26π58 1859 3m59 14±57 7π48 27π53 20505 5m23 16±11 8π42 28π47 215 43S 6π41 26π27 18506 3m40 15±02 7π34 27π21 19512 5m05 16±16 8π28 28π16 205 44S 6π27 25π55 17510 3m21 15±07 7π20 26π49 18516 4m46 16±22 8π13 27π43 1952 | 39 7 mg 32 1 | 17≗10 |
| 42S 6 Π 55 26 Π 58 18 59 3 m 59 14 Φ 57 7 Π 48 27 Π 53 20 50 5 5 m 23 16 Φ 11 8 Π 42 28 Π 47 21 50 5 43S 6 Π 41 26 Π 27 18 50 6 3 m 40 15 Φ 02 7 Π 34 27 Π 21 19 51 2 5 m 05 16 Φ 16 8 Π 28 28 Π 16 20 50 2 44S 6 Π 27 25 Π 55 17 50 10 3 m 21 15 Φ 07 7 Π 20 26 Π 49 18 51 6 4 m 46 16 Φ 22 8 Π 13 27 Π 43 19 50 2 | - | 17 ≏ 15 |
| 43S 6 π 41 26 π 27 18 506 3 m 40 15 Δ 02 7 π 34 27 π 21 19 512 5 m 05 16 Δ 16 8 π 28 28 π 16 20 5 π 43 44S 6 π 27 25 π 55 17 5 10 3 m 21 15 Δ 07 7 π 20 26 π 49 18 5 16 4 m 46 16 Δ 22 8 π 13 27 π 43 19 5 π 43 | , | 17 ♀ 20 17 ♀ 25 |
| 44S 6п27 25п55 17©10 3 m 21 15 ± 07 7 п 20 26п49 18©16 4 m 46 16 ± 22 8 п 13 27 п 43 19© | | 17 2 23 |
| 45S 6Π12 25Π21 165313 3m00 15Ω12 7Π05 26Π15 175318 4m26 16Ω27 7Π58 27Π00 1855 | | 17 ≏ 36 |
| | | 17 ≏ 42 |
| 468 5 π 57 24 π 46 15 ω 12 2 m 38 15 ω 18 6 π 50 25 π 40 16 ω 17 4 m 05 16 ω 33 7 π 43 26 π 33 17 ω 478 5 π 41 24 π 10 14 ω 08 2 m 14 15 ω 23 6 π 34 25 π 03 15 ω 13 3 m 43 16 ω 39 7 π 26 25 π 57 16 ω 25 π 5 | - | 17 ♀ 49 17 ♀ 55 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1 2 | 17 ≥ 33 |
| 49S 5 II 07 22 II 53 11 552 1 m 22 15 ± 36 5 II 59 23 II 45 12 556 2 m 53 16 ± 53 6 II 52 24 II 38 14 55 | | 18≏10 |
| 508 4 1 4 4 9 2 2 1 1 2 10 5 3 9 0 m 5 3 15 ± 4 2 5 1 4 1 2 3 1 1 0 4 2 2 m 2 5 1 7 ± 0 0 6 1 3 4 2 3 1 5 7 1 2 5 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 | - | 18 ≏ 17 |
| 51S 4 H 30 21 H 29 9 5 22 0 m 21 15 4 9 5 H 22 22 H 21 10 5 25 1 m 5 5 17 4 0 8 6 H 15 23 H 13 11 5 1 5 2 1 7 4 1 1 20 H 4 8 5 0 1 20 0 4 8 15 0 5 7 5 H 0 2 21 H 25 0 5 0 2 1 m 2 2 17 0 16 5 H 5 4 22 H 27 10 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 | , | 18 <u>0</u> 25 |
| 52S 4Π11 20Π44 8501 29Ω48 15Δ57 5Π03 21Π35 9503 1η23 17Δ16 5Π54 22Π27 10553S 3Π50 19Π57 6536 29Ω11 16Δ05 4Π42 20Π48 7537 0η48 17Δ24 5Π33 21Π39 855 | | 18 ♀ 34 18 ♀ 43 |
| 54S 3π28 19π07 5506 28π30 16±13 4π20 19π58 6506 0π09 17±33 5π11 20π48 755 | | 18 ≏ 53 |
| 558 3π06 18π15 3531 27Ω46 16Φ22 3π57 19π05 4530 29Ω27 17Φ43 4π48 19π55 553 | - | 19ჲ04 |
| 56S 2 H 42 17 H 20 1 5 5 1 26 0 5 8 16 ± 32 3 H 32 18 H 09 2 5 4 9 28 0 4 0 17 ± 5 4 4 H 23 18 H 5 9 3 5 5 7 8 2 H 16 16 H 23 18 H 5 9 3 5 1 7 H 5 0 1 5 1 7 H 5 0 1 7 | , | 19 2 15 |
| 578 2Π16 16Π22 0506 26Ω04 16Δ42 3Π07 17Π10 1502 27Ω49 18Δ05 3Π57 17Π59 1505 1149 15Π20 28Π15 25Ω03 16Δ54 2Π39 16Π08 29Π08 26Ω51 18Δ17 3Π29 16Π56 0505 | | 19 2 7 19 2 40 |
| 59S 1 π 21 14 π 15 26 π 17 23 α 55 17 ± 06 2 π 10 15 π 02 27 π 09 25 α 46 18 ± 30 3 π 25 16 π 36 28 π | | 19 2 54 |
| 60S 0π50 13π06 24π13 22ω37 17±19 1π39 13π52 25π03 24ω31 18±45 2π28 14π38 25π | 53 26 Ω 27 2 | 20 <u>₽</u> 10 |
| 61S 0π17 11π52 22π03 21ω08 17ω34 1π06 12π37 22π50 23ω06 19ω00 1π55 13π22 23π | | 20 <u>2</u> 27 |
| 62S 29 842 10 Π 33 19 Π 45 19 Ω 24 17 Δ 50 0 Π 30 11 Π 17 20 Π 30 21 Ω 26 19 Δ 18 1 Π 18 12 Π 00 21 Π 63S 29 8 04 9 Π 09 17 Π 21 17 Ω 19 18 Δ 08 29 8 51 9 Π 51 18 Π 02 19 Ω 27 19 Δ 37 0 Π 39 10 Π 33 18 Π 03 18 Π 03 19 Π 18 Π 18 Π 03 19 Π 18 Π 18 Π 03 19 Π 18 Π 18 Π 03 19 Π 18 Π | | 20 <u>0</u> 45 |
| 638 29804 9π09 17π21 17Ω19 18±08 29851 9π51 18π02 19Ω27 19±37 0π39 10π33 18π 648 28823 7π38 14π49 14Ω47 18±27 29809 8π18 15π26 17Ω01 19±58 29856 8π59 16π | | 21 △ 06 21 △ 29 |
| 65S 27 838 6 \(\text{0.10} \) 12 \(\text{0.9} \) 11 \(\text{0.33} \) 18 \(\text{0.49} \) 28 \(\text{2.3} \) 6 \(\text{0.39} \) 12 \(\text{0.44} \) 13 \(\text{0.57} \) 20 \(\text{0.22} \) 29 \(\text{0.99} \) 7 \(\text{0.117} \) 13 \(\text{0.98} \) | | 21 ≏ 54 |
| 66S 26848 4 116 9 1123 7 20 2 19 114 27 8 33 4 1152 9 1153 9 20 42 20 14 28 8 17 5 1128 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 22 ≏ 24 |
| рс 26818 3 п 14 7 п 46 2 Ω 48 19 ± 30 27 802 3 п 48 8 п 15 5 Ω 53 21 ± 06 27 8 46 4 п 23 8 п | | 22 ≏ 42 |

| | Sid.Tir MC: | | 0m AR 327'51 | CMC: 45 | °00' | Sid.Tin MC: | | 4m AR 27'32 | MC: 46 | 5°00' | Sid.Tir MC: | ne: 3h08 | 8m AR 27'03 | MC: 47 | ′°00' |
|------------|----------------------|---------------------------------|--------------------------------|----------------------|----------------------------------|----------------------|--------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|--------------------------------|--------------------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 16 I I11 | 13548 | 12.032 | 13 mg 43 | 16≏16 | 17П06 | 145644 | 13 Q 32 | 14 m/47 | 17≏21 | 18п02 | 15@40 | 14£32 | 15 m, 52 | 18≏25 |
| 1S | 16耳03 | 13533 | 12 <i>Q</i> 13 | 13 mg 38 | 16 🕰 19 | 16耳59 | 14528 | 13 Q 13 | 14 m/43 | 17≏23 | 17Ⅲ54 | 15©24 | 14Ω14 | 15 mg 48 | 18≏28 |
| 2S | 15 II 55 | 13517 | 11.055 | 13 m 33 | 16 21 | 16II51 | 14913 | 12.055 | 14 m 38 | 17 ₾ 26 | 17II 46 | 15509 | 13 0 56 | 15 m 44 | 18 ₾ 31 |
| 3S 4S | 15 II 48 15 II 40 | 13©01 12©46 | 11Ω36 11Ω17 | 13 m/28 13 m/23 | 16 <u>⊕</u> 24 16 <u>⊕</u> 26 | 16 II 43 16 II 35 | 13©57 13©42 | 12 N 36 12 N 18 | 14 mp 34 14 mp 29 | 17 <u>₽</u> 29 | 17 П 39 17 П 31 | 14©53 14©38 | 13Ω37 13Ω19 | 15 m ₂ 39 15 m ₂ 35 | 18 <u>⊕</u> 34 |
| 5S | 15 Д 32 | 12930 | 10Ω58 | 13 mg 18 | 16-29 | 16 Д 27 | 13526 | 11Ω59 | 14 m 24 | 17-234 | 17Д31 | 14922 | 13 a 00 | 15 m ₂ 30 | 18 - 39 |
| 6S | 15 II 24 | 12930 | 10ຄ238 | 13 mg 13 | 16≗31 | 16 Д 27 | 13920 | 11 Ω 39 | 14 m ₂ 19 | 17 <u>2</u> 37 | 17 II 25 | 14906 | 12.041 | 15 mg 26 | 18 ≗ 37 |
| 7S | 15П16 | 11558 | 10 A 18 | 13 m 08 | 16≗34 | 16 I I12 | 12©54 | 11 ຄ20 | 14 m/14 | 17 ≏ 39 | 17 I 107 | 13550 | 12£22 | 15 m 21 | 18 ≙ 45 |
| 8S | 15 II 09 | 119642 | 9£58 | 13 m 02 | 16 2 36 | 16 11 04 | 12538 | 11 000 | 14 m 09 | 17 ₾ 42 | 16П59 | 13@34 | 12002 | 15 m 17 | 18 △ 48 |
| 9S | 15 Д 01 | 11526 | 9£38 | 12 m 57 | 16₽39 | 15 Д 56 | 12522 | 10 \$240 | 14 m ₂ 04 | 17 ₾ 45 | 16П51 | 13518 | 11Ω43 | 15 m, 12 | 18₽51 |
| 10S 11S | 14П53 14П45 | 11©10 10©53 | 9Ω17 8Ω56 | 12 m 51 12 m 46 | 16 ⊕ 41 16 ⊕ 44 | 15 II 48 15 II 40 | 12©06 11©49 | 10Ω20 9Ω59 | 13 m 59 13 m 54 | 17 <u>2</u> 47 | 16 II 43 16 II 35 | 13©02 12©45 | 11Ω22 11Ω02 | 15 m ₂ 07 15 m ₂ 02 | 18 ♀ 53 |
| 12S | 14 Д 37 | 10935 | 8 n 35 | 12 mg 40 | 16≗47 | 15 II 32 | 11933 | 9238 | 13 mg 49 | 17≗50 | 16Д33 | 12529 | 10Ω41 | 14 mp 58 | 18 2 59 |
| 13S | 14П29 | 10ഇ20 | 8 a 13 | 12 m/34 | 16≏49 | 15 Д 24 | 11916 | 9Ω16 | 13 m 43 | 17♀56 | 16耳19 | 12@12 | 10 ຄ 20 | 14 m 53 | 19ჲ02 |
| 14S | 14П21 | 10ഇ03 | 7 .0 51 | 12 mg 29 | 16≗52 | 15 🛮 16 | 10ഇ59 | 8 N 54 | 13 m/38 | 17≗59 | 16П11 | 11955 | 9⋒58 | 14 m/47 | 19ჲ05 |
| 15S | 14П12 | 9946 | 7£28 | 12 m/23 | 16≏55 | 15 I I08 | 10942 | 8 A 32 | 13 m/32 | 18 🖴 02 | 16耳03 | 11538 | 9ຄ36 | 14 m/42 | 19ჲ09 |
| 16S | 14П04 13П56 | 9 5 28 | 7Ω05 6Ω42 | 12 mp 17 12 mp 10 | 16 ≏ 58 17 ≏ 01 | 14 II 59 14 II 51 | 10ඉ25 10ඉ07 | 8Ω09 7Ω46 | 13 m/27 13 m/21 | 18 <u>0</u> 05 | 15 II 54 15 II 46 | 11©21 11©04 | 9Ω14 8Ω51 | 14 m 37 | 19 ♀ 12 |
| 17S 18S | 13 Д 36 | 8953 | 6Ω18 | 12 mg 10 | 17 <u>2</u> 01 17 <u>0</u> 03 | 14 II 31 14 II 42 | 99549 | 7 N 22 | 13 mg 21 | 18±08 | 15 Д 46 | 10546 | 8 N 27 | 14 mp 31 14 mp 26 | 19±13 |
| 19S | 13 Д 39 | 8935 | 5 N 53 | 11 m ₂ 57 | 17≗06 | 14П34 | 9931 | 6£58 | 13 m, 09 | 18 - 14 | 15 Д 29 | 10@28 | 8£03 | 14 m 20 | 19 2 22 |
| 20S | 13 Д 30 | 8917 | 5 a 28 | 11 mp 51 | 17ჲ09 | 14П25 | 9©13 | 6£33 | 13 m, 02 | 18 ≏ 17 | 15 Д 20 | 10ഇ10 | 7£39 | 14 mp 14 | 19ჲ25 |
| 21S | 13 Д22 | 7ඉ58 | 5 Q 03 | 11 mg 44 | 17≗12 | 14 I I16 | 8গু55 | 6A08 | 12 m/56 | 18≏20 | 15П11 | 9951 | 7 Ω 14 | 14 mj 08 | 19≏28 |
| 22S 23S | 13 II 13 13 II 04 | 7 9 39 | 4Ω36 4Ω09 | 11 mp 37 11 mp 30 | 17 ≏ 16 17 ≏ 19 | 14 II 08 13 II 59 | 8 ୭ 36 8 ୭ 17 | 5Ω42 5Ω15 | 12 m/49 12 m/43 | 18 ♀ 24 | 15 II 02 14 II 53 | 9 9 32 | 6Ω48 6Ω21 | 14 m ₂ 02 13 m ₂ 56 | 19 ♀ 32 |
| 24S | 12 Д 55 | 79520 79501 | 3 N 42 | 11 m/ 30 11 m/ 22 | 17 ≗ 19 | 13 Д 39 | 7957 | 4Ω48 | 12 m/ 36 | 18 <u>2</u> 27 | 14 Д 33 | 8954 | 5 N 54 | 13 mg 49 | 19≗33 |
| 25S | 12П45 | 6941 | 3 Q 13 | 11 m ₂ 15 | 17≗25 | 13 Д 40 | 7937 | 4Ω20 | 12 m ₂ 29 | 18 ≏ 34 | 14П35 | 8534 | 5 Ω 26 | 13 m ₂ 43 | 19ჲ43 |
| 26S | 12 Д 36 | 6921 | 2 \Omega 44 | 11 mg 07 | 17 29 | 13 II 31 | 7917 | 3 N 51 | 12 m/21 | 18 - 38 | 14П25 | 8514 | 4£58 | 13 mg 36 | 19 ≙ 47 |
| 27S | 12 Д 27 | 6900 | 2 N 14 | 10 m 59 | 17≗32 | 13 Д21 | 6956 | 3 N 2 1 | 12 m/14 | 18 ₾ 42 | 14 I 16 | 7953 | 4£28 | 13 m/29 | 19 ≙ 51 |
| 28S 29S | 12 II 17 12 II 07 | 5 9 39 | 1 Ω 43 1 Ω 12 | 10 mp 50 10 mp 42 | 17 ≗ 36 17 ≗ 39 | 13 II 11 13 II 01 | 6 ඉ 35 6 ඉ 14 | 2 N 50 2 N 19 | 12 mp 06 11 mp 58 | 18 <u>0</u> 45 | 14 II 06 13 II 56 | 7 9 32 7 9 10 | 3 N 58 3 N 26 | 13 m/21 13 m/14 | 19 ♀ 55 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 11 Д 57 11 Д 47 | 4956 4933 | 0Ω39 0Ω05 | 10 m 33 10 m 23 | 17 ≙ 43 17 ≙ 47 | 12 II 51 12 II 41 | 5952 5929 | 1 Ω 46 1 Ω 12 | 11 mp 49 11 mp 41 | 18 ♀ 53 | 13 II 46 13 II 35 | 6 9 48 6 9 26 | 2 N 54 2 N 21 | 13 mg 06 12 mg 58 | 20 a 03 |
| 32S | 11 Д 36 | 4910 | 29530 | 10 mg 14 | 17≗51 | 12 II 30 | 5906 | 0£38 | 11 mg 32 | 19201 | 13 Д 25 | 6903 | 1 Ω 46 | 12 mg 49 | 20 ₾ 12 |
| 33S | 11 Д 25 | 3547 | 28554 | 10 mg 04 | 17≏55 | 12 Д 20 | 49643 | 0 A 02 | 11 m/22 | 19206 | 13 Д 14 | 5939 | 1 \O 10 | 12 m/41 | 20 ₾ 16 |
| 34S | 11 Д 14 | 3523 | 28516 | 9 m, 53 | 17≗59 | 12П09 | 4519 | 29ഇ24 | 11 mp 12 | 19≗10 | 13 Д 03 | 5915 | 0 Ω 33 | 12 m, 32 | 20 2 21 |
| 35S | 11 II 03 | 2958 | 27938 | 9 m 43 | 18 △ 04 | 11 Д 57 | 3954 | 28546 | 11 m 02 | 19 ₾ 15 | 12 Д 51 | 4950 | 29955 | 12 m 22 | 20 € 26 |
| 36S 37S | 10 Д 52 10 Д 40 | 2 2 2 3 2 3 6 | 26©57 26©16 | 9 mp 31 9 mp 20 | 18 亞 08 | 11 II 46 11 II 34 | 3 9 28 | 28©06 27©24 | 10 m 52 10 m 41 | 19 <u>a</u> 20 | 12 II 40 12 II 28 | 4924 3958 | 29©15 28©33 | 12 mg 12 12 mg 02 | 20 <u>₽</u> 31 20 <u>₽</u> 36 |
| | 10 Д 28 | | 25@32 | | 18 2 18 | | | | - | 19 ₾ 30 | | | 27950 | | 20 € 42 |
| 39S | 10耳15 | 19311 | 249647 | 8 mg 54 | 18≏23 | 11П09 | 2907 | 25@56 | 10 m, 17 | 19₾35 | 12 Д 03 | 3902 | 27©05 | 11 mg 40 | 20 △ 47 |
| 40S | 10 Д 02 | 0ഇ42 | 24গু00 | 8 mp 41 | 18≏28 | 10П56 | 1ള38 | 25ഇ09 | 10 mg 04 | 19≗41 | 11Д50 | 2ഇ33 | 26গু18 | 11 m/28 | 20ჲ53 |
| 418 | 9П49 | 0913 | 23@11 | 8 m 26 | 18 ₾ 33 | 10 Д 43 | 1908 | 24520 | 9 m 51 | 19 🕰 46 | 11 Д 36 | 2903 | 25@29 | 11 m 15 | 20 ₾ 59 |
| 42S 43S | 9Д35 9Д21 | 29 II 42 29 II 10 | 22©20 21©27 | 8 m, 11 7 m, 56 | 18 ≏ 39 | 10 II 29 10 II 14 | 0න37 0න05 | 23©29 22©35 | 9 m, 37 9 m, 22 | 19 a 52 | 11 II 22 11 II 08 | 1 5 3 2 1 5 0 0 | 24©38 23©44 | 11 mg 02 10 mg 48 | 21 <u>□</u> 06 21 <u>□</u> 12 |
| 44S | 9П06 | 28 Д 37 | 20ഇ31 | 7 m, 39 | 18≏51 | 10 Д 00 | 29П32 | 21 5 3 9 | 9 m, 06 | 20 ₾ 05 | 10 Д 53 | 0ഇ27 | 22948 | 10 mg 33 | 21 <u>□</u> 19 |
| 45S | 8П51 | 28П03 | 19@32 | 7 m/21 | 18≏57 | 9П44 | 28П58 | 20ഇ40 | 8 m, 49 | 20 ₾ 12 | 10Д38 | 29П52 | 21 5 49 | 10 mg 18 | 21 ₾ 26 |
| 46S | 8Д36 | 27П27 | 18531 | 7 m 02 | 19≏04 | 9п29 | 28П22 | 19539 | 8 m 31 | 20 ₾ 19 | 10П22 | 29П16 | 20948 | 10 mg 01 | 21 △ 34 |
| 47S 48S | 8П19 8П02 | 26 II 50 26 II 12 | 17©26 16©18 | 6 m 42 | 19 亞 11 | 9П12 8П55 | 27 II 45 27 II 06 | 18 © 34 17 © 26 | 8 m, 12 7 m, 52 | 20 <u>a</u> 26 | 10П05 9П48 | 28 II 39 28 II 00 | 19 9 43 | 9 m/43 | 21 <u>□</u> 42 21 <u>□</u> 50 |
| 48S 49S | 7П44 | 25 II 32 | 15907 | 6 m, 20 5 m, 57 | 19±18 19±26 | 8Д35 | 26H25 | 179026 169014 | 7 mp 30 | 20±34 20±43 | 9Д48 | 28 II 00 27 II 19 | 18934 | 9 m, 24 9 m, 04 | 21 <u>2</u> 30 21 <u>2</u> 59 |
| 50S | 7П26 | 24 11 49 | 13@52 | 5 m ₂ 32 | 19≏34 | 8п18 | 25 11 43 | 14959 | 7 m ₂ 06 | 20 ₾ 51 | 9п11 | 26 11 36 | 16906 | 8 mg 42 | 22 ₾ 08 |
| 51S | 7 π 07 | 24П05 | 12533 | 5 m, 05 | 19≏43 | 7П59 | 24II58 | 13539 | 6 mg 41 | 21 = 01 | 8Д51 | 25 II 51 | 14946 | 8 mg 18 | 22 ≏ 18 |
| 52S | 6Ц46 | 23 Д 19 | 11@10 | 4 m 36 | 19 ₾ 52 | 7Д38 | 24 П 12 | 12@15 | 6 m 14 | 21 ₾ 10 | 8Д30 | 25 II 04 | 13@21 | 7 m 52 | 22 € 28 |
| 53S 54S | 6П25 6П03 | 22 II 31 21 II 40 | 9 9 42 8 9 09 | 4 mp 04 3 mp 29 | 20 <u>a</u> 02 20 <u>a</u> 13 | 7П17 6П54 | 23 II 23 22 II 31 | 10 © 46 9©11 | 5 mg 44 5 mg 11 | 21 <u>a</u> 21 | 8П09 7П46 | 24 II 15 23 II 23 | 11©51 10©15 | 7 m, 24 6 m, 53 | 22 <u>2</u> 39 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 5П39 5П14 | 20 II 46 19 II 49 | 6 9 30 4 9 46 | 2 m 51 2 m 09 | 20 <u>∞</u> 24 20 <u>∞</u> 36 | 6 II 30 6 II 05 | 21 II 37 20 II 39 | 7 ඉ 32 5 ඉ 46 | 4 m/35 3 m/55 | 21 <u>a</u> 44 | 7П22 6П56 | 22 II 28 21 II 30 | 8 ඉ 34 6 ඉ 47 | 6 m/20 5 m/42 | 23 a 03 23 a 17 |
| 57S | 4 I I48 | 18П49 | 2956 | 1 m/ 22 | 20 € 49 | 5Д38 | 19П38 | 3954 | 3 mg 11 | 22 ₾ 10 | 6П29 | 20 Д 28 | 4 <u>9</u> 54 | 5 mg 01 | 23 ₾ 32 |
| 58S | 4 <u>П</u> 20 | 17П45 | 0959 | 0 m 30 | 21 2 03 | 5 II 10 | 18П33 | 1955 | 2 m 22 | 22 | 6Д00 | 19 Д 22 | 2953 | 4 m 15 | 23 <u>□</u> 47 |
| 59S | 3 Д 50 | 16П37 | 28П55 | 29 N 31 | 21 ₾ 18 | 4П39 | 17П24 | 29П49 | 1 m, 26 | 22 ₾ 41 | 5П29 | 18 п 12 | 0945 | 3 m/22 | 24 ₾ 04 |
| 60S | 3 II 18 | 15 II 24 | 26 II 44 | 28 N 24 | 21 2 35 | 4H07 | 16 I I11 | 27 II 36 | 0 m 22 | 22 🕰 59 | 4H56 | 16II58 | 28 II 29 | 2 m/22 | 24 <u>2</u> 23 |
| 61S 62S | 2П43 2П06 | 14 II 07 12 II 44 | 24 II 26 22 II 00 | 27Ω06 25Ω36 | 21 △ 53 22 △ 12 | 3 II 32 2 II 54 | 14 II 52 13 II 28 | 25 II 15 22 II 46 | 29Ω09 27Ω43 | 23 <u>□</u> 18 23 <u>□</u> 39 | 4П21 3П42 | 15 II 38 14 II 12 | 26 II 05 23 II 32 | 1 m/14 29 Ω 53 | 24 <u>0</u> 43 25 <u>0</u> 06 |
| 63S | 1 Д 26 | 11 Д 15 | 19П25 | 23 \Omega 48 | 22 <u>□</u> 34 | 2П13 | 11 II 57 | 20 II 08 | 26202 | 24 <u>0</u> 3 | 3Д01 | 12 Д 40 | 20II51 | 28 A 18 | 25 € 31 |
| 64S | 01142 | 9п39 | 16耳43 | 21 237 | 22 ₾ 59 | 1 Д 29 | 10п20 | 17П22 | 23 A 58 | 24 ₾ 29 | 2п15 | 11 Д 00 | 18П01 | 26 A 22 | 25 ₾ 58 |
| 65S | 29854 | 7II55 | 13 Д 53 | 18£52 | 23 ₾ 27 | 0П40 | 8П34 | 14П28 | 21 224 | 24≗58 | 1 Д 25 | 9п12 | 15 I I03 | 23 ຄ 58 | 26≗30 |
| 66S | 29801 | 6 I I03 | 10耳54 | 15 Q 10 | 23 ≏ 58 | 29845 | 6П39 | 11 Д25 | 17£58 | 25 ₾ 32 | 0Д30 | 7 I 15 | 11Д56 | 20 ₪ 48 | 27≗05 |
| pc | 28829 | 4Д57 | 9П11 | 12Ω07 | 24 🕰 17 | 29812 | 5耳31 | 9П39 | 15 Ω 14 | 25 | 29856 | 6耳05 | 10耳07 | 18£21 | 27 ≏ 28 |

| | Sid.Tir MC: | | 2m AR 326'23 | MC: 48 | °00' | Sid.Tir MC: | | 6m AR 325'33 | MC: 49 | 9°00' | Sid.Tir MC: | ne: 3h20 228 | 0m AR 324'32 | CMC: 50 |)°00' |
|------------|------------------------------------|----------------------|----------------------|--|----------------------------------|----------------------|--------------------------------|--------------------------------|--|---------------------------------------|----------------------------------|----------------------|----------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 18П57 | 16935 | 15 Q 32 | 16 m 57 | 19ჲ30 | 19П53 | 17931 | 16£32 | 18 mg 02 | 20 ₾ 34 | 20П48 | 18527 | 17Ω33 | 19 m ₂ 07 | 21 ₾ 38 |
| 1S 2S | 18 II 50 18 II 42 | 16©20 16©05 | 15Ω14 14Ω56 | 16 m 53 16 m 49 | 19 <u>⊕</u> 32 | 19 II 45 19 II 37 | 17©16 17©01 | 16Ω15 15Ω57 | 17 m ₂ 58 17 m ₂ 55 | 20 <u>2</u> 37 | 20 II 40 20 II 32 | 18©12 17©57 | 17Ω16 16Ω59 | 19 mg 04 19 mg 00 | 21 △ 41 21 △ 44 |
| 3S | 18 II 34 | 159649 | 14.038 | 16 mg 45 | 19≗33 | 19П37 | 16945 | 15 Ω 40 | 17 mg 51 | 20 € 43 | 20 II 32 20 II 25 | 179537 | 16Ω41 | 18 m ₂ 57 | 21 <u>24</u> 47 |
| 4S | 18П26 | 15534 | 14 <i>Ω</i> 20 | 16 m 41 | 19 ≙ 41 | 19П21 | 16\$30 | 15 ຄ 22 | 17 m, 47 | 20 △ 46 | 20П17 | 17526 | 16 Ω 24 | 18 m 53 | 21 ≙ 51 |
| 5S | 18П18 | 15\$18 | 14£002 | 16 m, 37 | 19ჲ44 | 19п13 | 16914 | 15Ω04 | 17 m/43 | 20 ₾ 49 | 20П09 | 179311 | 16 Ω 06 | 18 m ₂ 50 | 21 ≏ 54 |
| 6S | 18 II 10 18 II 02 | 15902 | 13 0 43 | 16 m 33 | 19 🕰 47 | 19П06 | 15@59 15@43 | 14 0 45 | 17 m 40 | 20 ₾ 52 | 20 Д 01 | 16955 | 15 Ω 48 | 18 m/ 47 | 21 △ 57 |
| 7S 8S | 18 II 02 17 II 55 | 14©46 14©30 | 13 Ω 24 13 Ω 05 | 16 m/28 16 m/24 | 19 ♀ 50 | 18 II 58 18 II 50 | 159943 | 14Ω27 14Ω08 | 17 mg 36 17 mg 32 | 20 2 55 20 2 59 | 19П53 19П45 | 16©39 16©23 | 15Ω29 15Ω11 | 18 mg 43 18 mg 39 | 22 <u>a</u> 00 |
| 9S | 17П47 | 14514 | 12Ω45 | 16 m/20 | 19≏56 | 18П42 | 15@11 | 13 A 48 | 17 m/28 | 21 ₾ 02 | 19Д37 | 16907 | 14 \$\alpha\$ 52 | 18 m/36 | 22 △ 07 |
| 10S | 17П39 | 13558 | 12 <i>0</i> 25 | 16 mp 15 | 19ჲ59 | 18П34 | 14955 | 13 a 29 | 17 m, 24 | 21 ₾ 05 | 19П29 | 15951 | 14£32 | 18 mp 32 | 22 ⊆ 11 |
| 118 | 17П30 | 13542 | 12Ω05 | 16 mg 11 | 20 🖴 02 | 18П26 | 14938 | 13 0 10 | 17 m 20 | 21 🖴 08 | 19Д21 | 15@35 | 14Ω13 | 18 m/28 | 22 <u>□</u> 14 |
| 12S 13S | 17II 22 17II 14 | 13©25 13©09 | 11Ω45 11Ω24 | 16 mg 06 16 mg 02 | 20 <u>a</u> 06 | 18 II 18 18 II 09 | 14©22 14©05 | 12Ω49 12Ω28 | 17 mg 15 17 mg 11 | 21 <u>a</u> 12 | 19П13 19П04 | 15©19 15©02 | 13 Ω 53 13 Ω 32 | 18 mg 24 18 mg 21 | 22 <u>₽</u> 17 |
| 14S | 17 I I06 | 12552 | 11 £ 02 | 15 m, 57 | 20 ₾ 12 | 18 I I01 | 13548 | 12007 | 17 m ₂ 07 | 21 <u>□</u> 18 | 18Д56 | 149645 | 13 N 12 | 18 m, 17 | 22 € 25 |
| 15S | 16П58 | 12535 | 10 Ω 41 | 15 m, 52 | 20 ₾ 15 | 17П53 | 13@31 | 11 Q 45 | 17 mg 02 | 21 ₾ 22 | 18П48 | 14528 | 12 \Omega 50 | 18 mg 13 | 22 ₾ 28 |
| 16S | 16П49 | 12518 | 10Ω18 | 15 m 47 | 20 ₾ 19 | 17П44 | 13514 | 11 Ω23 | 16 m 58 | 21 | 18П39 | 14511 | 12 \O 29 | 18 mg 08 | 22 △ 32 |
| 17S 18S | 16 I I41 16 I I32 | 12500 11542 | 9 N 56 9 N 33 | 15 m, 42 15 m, 37 | 20 <u>a</u> 22 20 <u>a</u> 25 | 17 II 36 17 II 27 | 12©57 12©39 | 11Ω01 10Ω38 | 16 m ₂ 53 16 m ₂ 48 | 21 <u>a</u> 29 | 18П31 18П22 | 13@54 13@36 | 12Ω07 11Ω44 | 18 mg 04 18 mg 00 | 22 <u>0</u> 36 |
| 19S | 16 Д 32 | 119942 | 98133 | 15 m/ 32 | 20 € 23 | 17 II 27 17 II 19 | 12939 | 10 Ω 15 | 16 mg 44 | 21 <u>2</u> 32 | 18 Д 14 | 13@36 | 11 π 21 | 17 m, 55 | 22 <u>2</u> 39 |
| 208 | 16П15 | 11506 | 8 Ω 45 | 15 m/26 | 20 ₾ 33 | 17П10 | 12503 | 9ຄ51 | 16 mg 39 | 21 ₾ 40 | 18П05 | 13500 | 10Ω57 | 17 m ₂ 51 | 22 △ 47 |
| 21S | 16П06 | 10548 | 8 N 20 | 15 m/21 | 20 △ 36 | 17П01 | 115544 | 9 № 26 | 16 m 33 | 21 <u>△</u> 44 | 17П56 | 125641 | 10ຄ33 | 17 m 46 | 22 2 51 |
| 22S 23S | 15 II 57 15 II 48 | 10©29 10©10 | 7Ω54 7Ω28 | 15 mg 15 15 mg 09 | 20 <u>a</u> 40 | 16 II 52 16 II 43 | 11©26 11©07 | 9 ດ 01 8 ດ 35 | 16 m/28 16 m/23 | 21 <u>a</u> 48 | 17П47 17П38 | 12©23 12©04 | 10Ω08 9Ω43 | 17 mg 41 17 mg 37 | 22 <u>0</u> 55 |
| 24S | 15 Д 39 | 9950 | 7 N 01 | 15 mg 03 | 20 △ 47 | 16 I I34 | 10547 | 8008 | 16 m, 17 | 21 <u>a</u> 56 | 17Д38 | 115644 | 9£16 | 17 mg 32 | 23 △ 04 |
| 25S | 15Д30 | 9930 | 6 Ω 34 | 14 m ₂ 57 | 20₽51 | 16П24 | 10ഇ27 | 7 Ω 41 | 16 mg 12 | 22 ₾ 00 | 17П19 | 11524 | 8 Ω 49 | 17 mg 26 | 23 ₾ 08 |
| 26S | 15П20 | 9510 | 6£05 | 14 m 51 | 20≏55 | 16П15 | 10©07 | 7Ω13 | 16 mg 06 | 22 △ 04 | 17П09 | 11504 | 8 Ω 21 | 17 m/21 | 23 <u>□</u> 12 |
| 27S 28S | 15 II 10 15 II 01 | 8549 8528 | 5 N 36 5 N 06 | 14 mp 44 14 mp 37 | 21 <u>00</u> 21 <u>04</u> | 16 II 05 15 II 55 | 9 9 46 9 9 25 | 6Ω44 6Ω14 | 16 mg 00 15 mg 53 | 22 <u>a</u> 08 | 17П00 16П50 | 10543 10522 | 7 N 53 | 17 mg 15 17 mg 10 | 23 <u>a</u> 17 |
| 29S | 14 II 50 | 8928 | 4£35 | 14 mg 30 | 21 <u>a</u> 04 | 15 II 45 | 9904 | 5Ω43 | 15 mg 47 | 22 <u>a</u> 17 | 16耳39 | 10922 | 6£23 | 17 mg 04 | 23 <u>≈</u> 22 |
| 30S | 14П40 | 7 © 45 | 4Ω02 | 14 m 23 | 21 ≏ 13 | 15 Д 35 | 8942 | 5 Ω 11 | 15 mg 40 | 22 ₾ 22 | 16П29 | 9539 | 6 Ω 21 | 16 m ₂ 58 | 23 ₾ 31 |
| 31S | 14П30 | 7922 | 3 № 29 | 14 mg 16 | 21 ≏ 17 | 15П24 | 8919 | 4£38 | 15 m 33 | 22 ≏ 27 | 16П19 | 9516 | 5Ω48 | 16 m 51 | 23 ₾ 36 |
| 32S 33S | 14II19 14II08 | 6959 6935 | 2 N 55 2 N 19 | 14 mp 08 14 mp 00 | 21 <u>⊕</u> 22 21 <u>⊕</u> 27 | 15 II 13 15 II 02 | 7956 7932 | 4Ω04 3Ω29 | 15 mg 26 15 mg 19 | 22 <u>0</u> 32 | 16П08 15П57 | 853 8529 | 5Ω14 4Ω39 | 16 mg 45 16 mg 38 | 23 <u>□</u> 41 23 <u>□</u> 47 |
| 34S | 13 Д 57 | 6911 | 1 \O 42 | 13 m ₂ 51 | 21 <u>□</u> 32 | 14 II 51 | 7908 | 2052 | 15 m, 11 | 22 - 42 | 15 Д 37 | 8905 | 4Ω03 | 16 mg 31 | 23 <u>□</u> 52 |
| 35S | 13П46 | 5946 | 1 ₪ 04 | 13 mg 42 | 21 △ 37 | 14 I I40 | 6943 | 2 a 14 | 15 m ₂ 03 | 22 △ 48 | 15 Д 34 | 79540 | 3 Q 25 | 16 mg 24 | 23 ₾ 58 |
| 36S | 13 Д 34 | 5920 | 0Ω24 | 13 m 33 | 21 <u>△</u> 42 | 14П28 | 6917 | 1 2 3 5 | 14 m 54 | 22 ₾ 53 | 15 Д 22 | 79514 | 20146 | 16 mg 16 | 24 ₾ 04 |
| 37S 38S | 13 II 22 13 II 09 | 4954 4927 | 29©43 29©00 | 13 mg 24 13 mg 14 | 21 <u>⊕</u> 48 21 <u>⊕</u> 53 | 14 II 16 14 II 03 | 5950 5923 | 0Ω54 0Ω11 | 14 mg 46 14 mg 36 | 22 <u>a</u> 59 | 15 II 10 14 II 57 | 6947 6920 | 2 N 05 1 N 22 | 16 mg 08 15 mg 59 | 24 □ 10 24 □ 16 |
| 39S | 12 Д 57 | 3558 | 28515 | 13 mg 03 | 21 ⊆ 59 | 13 Д 50 | 4955 | 29\$26 | 14 m/ 27 | 23 ₾ 11 | 14 Д 44 | 5951 | 0ຄ38 | 15 m ₂ 50 | 24 ₾ 23 |
| 40S | 12П43 | 3529 | 27ණ28 | 12 m ₂ 52 | 22 ♀ 05 | 13 Д 37 | 4926 | 28539 | 14 mg 16 | 23 ₾ 18 | 14П31 | 5922 | 29\$51 | 15 mg 41 | 24 ₾ 29 |
| 41S | 12П30 | 2559 | 26539 | 12 m 40 | 22 <u>□</u> 12 | 13 Д23 | 3955 | 27951 | 14 m 06 | 23 ₾ 24 | 14П17 | 4952 | 29503 | 15 m 31 | 24 € 36 |
| 42S 43S | 12 II 16 12 II 01 | 2©28 1©56 | 25©48 24©55 | 12 m/28 12 m/15 | 22 <u>a</u> 18 | 13 II 09 12 II 55 | 3 so 2 4 2 so 5 2 | 26©59 26©06 | 13 m ₂ 54 13 m ₂ 42 | 23 <u>a</u> 31 | 14 II 03 13 II 48 | 4©20 3©48 | 28©12 27©18 | 15 mg 21 15 mg 10 | 24 \cdot 44 24 \cdot 51 |
| 44S | 11 Д 46 | 19522 | 23@59 | 12 mg 01 | 22 ⊆ 33 | 12 Д 40 | 2518 | 25@10 | 13 mg 30 | 23 ₾ 46 | 13 Д 33 | 3514 | 26522 | 14 m ₂ 58 | 24 ₾ 59 |
| 45S | 11П31 | 0ഇ48 | 23500 | 11 mp 47 | 22 △ 40 | 12П24 | 15643 | 249511 | 13 m, 16 | 23 ₾ 54 | 13 Д 17 | 2539 | 25@23 | 14 mg 46 | 25 ₾ 08 |
| 46S | 11 II 15 | 0511 | 21558 | 11 m 31 | 22 <u>△</u> 48 | 12 Д 08 | 1907 | 23509 | 13 m 02 | 24 🖴 02 | 13 11 01 | 2502 | 24521 | 14 m 33 | 25 2 16 |
| 47S 48S | 10 II 58 10 II 40 | 29 II 34 28 II 54 | 20©52 19©44 | 11 m ₂ 15 10 m ₂ 57 | 22 <u>a</u> 56 23 <u>a</u> 05 | 11 II 51 11 II 33 | 0©29 29¶49 | 22©03 20©54 | 12 m/47 12 m/30 | 24 <u>0</u> 11 | 12 Д 44 12 Д 26 | 1 5 2 4 0 5 4 4 | 23©15 22©06 | 14 mg 19 14 mg 04 | 25 ⊕ 25 25 ⊕ 35 |
| 49S | 10 Д 22 | 28 Д 13 | 18931 | 10 mg 37 | 23 <u>a</u> 14 | 11 Д 15 | 29П08 | 19941 | 12 mg 13 | 24 <u>2</u> 30 | 12 Д 20 | 0903 | 20953 | 13 mg 48 | 25 2 45 |
| 50S | 10П03 | 27Д30 | 17515 | 10 m, 17 | 23 ≏ 24 | 10П56 | 28П24 | 18524 | 11 m ₂ 54 | 24 ₾ 40 | 11 Д 48 | 29П19 | 19535 | 13 mg 31 | 25 2 56 |
| 51S | 9П43 | 26 II 45 | 15954 | 9 m 55 | 23 <u>a</u> 35 | 10 Д 36 | 27 II 39 | 17503 | 11 m 33 | 24 🖴 51 | 11 11 28 | 28 II 33 | 18513 | 13 m 12 | 26 ₾ 07 |
| 52S 53S | 9П22 9П00 | 25 II 57 25 II 08 | 14©28 12©57 | 9 mg 31 9 mg 05 | 23 <u>a</u> 45 23 <u>a</u> 57 | 10П15 9П52 | 26 II 51 26 II 01 | 15©36 14©04 | 11 mg 11 10 mg 47 | 25 a 03 25 a 15 | 11 Д 07 10 Д 44 | 27 II 45 26 II 54 | 16©46 15©13 | 12 m ₂ 52 12 m ₂ 30 | 26 ♀ 19 26 ♀ 32 |
| 54S | 8Д37 | 24 II 15 | 11921 | 8 m ₂ 37 | 24 <u>0</u> 10 | 9П29 | 25 II 07 | 12527 | 10 mg 21 | 25 € 28 | 10Д21 | 26 Д 00 | 13@35 | 12 mg 05 | 26 - 46 |
| 55S | 8 I I3 | 23 Д 19 | 9538 | 8 mp 05 | 24 <u>a</u> 23 | 9П04 | 24П11 | 10ഇ43 | 9 m, 52 | 25 2 42 | 9П56 | 25 Д 04 | 11950 | 11 m ₂ 39 | 27≗00 |
| 56S | 7Π47 | 22 II 21 | 7950 | 7 m 30 | 24 <u>0</u> 37 | 8Д38 | 23 II 12 | 8953 | 9 mg 19 | 25 <u>a</u> 57 | 9П29 | 24 Д 04 | 9958 7950 | 11 m 09 | 27 <u>0</u> 16 |
| 57S 58S | 7 II 20 6 II 50 | 21 II 18 20 II 12 | 5954 3952 | 6 m, 52 6 m, 09 | 24 \omega 52 25 \omega 09 | 8П10 7П41 | 22 II 09 21 II 01 | 6956 4951 | 8 mg 44 8 mg 04 | 26 <u>0</u> 13 | 9Д01 8Д31 | 23 II 00 21 II 52 | 7959 5953 | 10 mg 37 10 mg 00 | 27 ♀ 33 27 ♀ 51 |
| 59S | 6 I 19 | 19П01 | 19541 | 5 m, 20 | 25 2 27 | 7 I 109 | 19 I I50 | 2539 | 7 m, 18 | 26 - 49 | 7П59 | 20 Д 39 | 3538 | 9 mg 18 | 28 2 11 |
| 60S | 5П46 | 17П45 | 29П23 | 4 m/24 | 25 ≙ 47 | 6П35 | 18 II 33 | 0ഇ18 | 6 m, 27 | 27 🕰 10 | 7П25 | 19П21 | 15514 | 8 mp 31 | 28 ₾ 33 |
| 618 | 5Π10 | 16 II 24 | 26 II 56 | 3 m 20 | 26 <u>0</u> 08 | 5 II 58 | 17II 10 | 27 II 48 | 5 m 27 | 27 ₾ 33 | 6П47 | 17 II 57 | 28 II 40 | 7 mp 36 | 28 <u>∞</u> 57 |
| 62S 63S | 4 II 31 3 II 48 | 14Д57 13Д23 | 24 II 20 21 II 35 | 2 m, 05 0 m, 36 | 26 <u>⊕</u> 32 26 <u>⊕</u> 58 | 5 II 19 4 II 36 | 15 II 42 14 II 06 | 25 II 08 22 II 20 | 4 m/18 2 m/56 | 27 <u>2</u> 58 | 6П07 5П23 | 16 II 27 14 II 50 | 25 II 58 23 II 05 | 6 mg 33 5 mg 18 | 29 <u>a</u> 23 |
| 64S | 3п02 | 11 Д 41 | 18 I I41 | 28 û 48 | 27 2 28 | 3 Д 48 | 12 11 22 | 19 Д 22 | 1 m, 17 | 28 ₾ 56 | 4 I I35 | 13 Д 04 | 20 Д 03 | 3 m/ 47 | 0 m 25 |
| 65S | 2П11 | 9П51 | 15Д38 | 26£34 | 28ჲ01 | 2П56 | 10П30 | 16耳14 | 29 a 13 | 29 ₾ 31 | 3П41 | 11Д08 | 16耳50 | 1 m/54 | 1 m 02 |
| 66S | 1 Д 14 | 7II 51 | 12 II 27 | 23 \Q 40 | 28 <u>0</u> 39 | 1 Д 58 | 8 II 27 | 12 II 58 | 26 \Q 34 | 0m.11 | 2П42 | 9Д03 | 13 Д 29 | 29 \Quad 29 | 1 m.44 |
| pc | 0П39 | 6Ц39 | 10П35 | 21 & 29 | 29 2 02 | 1 П 22 | 7II14 | 11 11 03 | 24£37 | 0m.37 | 2П05 | 7П48 | 11 Д 32 | 27Ω46 | 2m10 |

| | Sid.Tir MC: | | 4m AR 23'21 | MC: 51 | °00' | Sid.Tir MC: | ne: 3h28 | 8m AR 21'59 | CMC: 52 | 2°00' | Sid.Tii MC: | ne: 3h32 258 | 2m AR 320'28 | RMC: 53 | 3°00' |
|-------------------|------------------------------------|----------------------------------|----------------------|--|----------------------------------|----------------------------------|----------------------|----------------------------------|--|----------------------------------|----------------------|----------------------|-----------------|----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 21 Д43 | 19©24 | 18 Ω 34 | 20 m, 12 | 22 ≙ 42 | 22 Д 39 | 20@20 | 19£35 | 21 m ₂ 17 | 23 ₾ 46 | 23 Д 34 | 215516 | 20£36 | 22 m/22 | 24 <u>0</u> 49 |
| 1S | 21 Д36 | 19ഇ08 | 18 Ω 17 | 20 mg 09 | 22 △ 45 | 22 Д31 | 20ഇ05 | 19Ω18 | 21 mg 14 | 23 ₾ 49 | 23 Д 26 | 21501 | 20⋒20 | 22 m/20 | 24≗53 |
| 2S | 21 Д28 | 18953 | 18Ω00 | 20 m, 06 | 22 <u>□</u> 48 | 22 П23 | 19950 | 19 202 | 21 m, 12 | 23 - 52 | 23 Д 18 | 209346 | 20 № 03 | 22 m 18 | 24 ₾ 56 |
| 3S 4S | 21 II 20 21 II 12 | 18 9 38 | 17Ω43 17Ω26 | 20 mg 03 20 mg 00 | 22 ⊆ 52 22 ⊆ 55 | 22 II 15 22 II 07 | 19 5 34 | 18Ω45 18Ω28 | 21 mg 09 21 mg 06 | 23 <u>a</u> 56 | 23 II 10 23 II 02 | 20s31 20s16 | 19Ω47 19Ω30 | 22 m/15 22 m/13 | 25 <u>a</u> 00 25 <u>a</u> 04 |
| - 1 | | | | | | | | | | | 1 | | | | |
| 5S 6S | 21 П04 20 П56 | 18©07 17©51 | 17Ω08 16Ω50 | 19 m ₂ 57 19 m ₂ 54 | 22 ⊆ 59 23 ⊆ 02 | 21 II 59 21 II 51 | 19©04 18©48 | 18Ω11 17Ω53 | 21 m 03 21 m 01 | 24 \(\oldsymbol{\Omega} 03 \) | 22 II 54 22 II 46 | 20©00 19©45 | 19Ω13 18Ω56 | 22 mg 10 22 mg 08 | 25 a 07 25 a 11 |
| 7S | 20 II 36 20 II 48 | 17931 | 16£30 | 19 mp 50 | 23 <u>≈</u> 02 | 21 II 31 21 II 43 | 18932 | 178233 17£33 | 20 mg 58 | 24 <u>2</u> 07 24 <u>2</u> 10 | 22 II 46 22 II 38 | 199943 | 18£36 | 22 mg 05 | 25 € 15 |
| 8S | 20 II 40 | 17920 | 16Ω14 | 19 m ₂ 47 | 23 ₾ 09 | 21 Д 35 | 18917 | 17Ω17 | 20 m/ 55 | 24 ₾ 14 | 22 Д 30 | 19514 | 18Ω21 | 22 m 03 | 25 € 19 |
| 9S | 20П32 | 17504 | 15⋒55 | 19 mg 44 | 23 ₾ 12 | 21 Д27 | 18501 | 16⋒59 | 20 m 52 | 24 🕰 17 | 22П22 | 18\$58 | 18⋒03 | 22 m 00 | 25 ≏ 22 |
| 10S | 20П24 | 16ഇ48 | 15⋒36 | 19 mp 41 | 23 ₾ 16 | 21 Ц 19 | 179345 | 16Ω40 | 20 mg 49 | 24 ₾ 21 | 22П14 | 18942 | 17Ω45 | 21 m ₂ 58 | 25 ₾ 26 |
| 11S | 20П16 | 16532 | 15 Ω 17 | 19 mg 37 | 23 ≏ 20 | 21 Д 11 | 17529 | 16ຄ21 | 20 mg 46 | 24 | 22П06 | 18526 | 17£26 | 21 m/55 | 25 ≙ 30 |
| 12S | 20П08 | 16915 | 14Ω57 | 19 mg 34 | 23 ≏ 23 | 21 Д03 | 179512 | 16Ω02 | 20 mg 43 | 24 ₾ 29 | 21 Д 58 | 18510 | 17Ω07 | 21 m 52 | 25 △ 34 |
| 13S | 19П59 | 15@59 | 14.037 | 19 m 30 | 23 € 27 | 20 II 54 | 16956 | 15 0 42 | 20 m 40 | 24 🕰 33 | 21 П 49 | 17953 | 16.048 | 21 m 50 | 25 € 38 |
| 14S | 19П51 | 15942 | 14Ω17 | 19 m, 27 | 23 ₾ 31 | 20П46 | 16539 | 15 A 22 | 20 m, 37 | 24≗36 | 21 П 41 | 17537 | 16Ω28 | 21 m/47 | 25 2 42 |
| 15S | 19 I I43 | 15@25 | 13 0 3 5 | 19 m 23 | 23 △ 34 | 20 Д 38 | 16522 | 15 0 0 2 | 20 m 33 | 24 🕰 40 | 21 ДЗЗ | 17520 | 16Ω08 | 21 m 44 | 25 △ 46 |
| 16S 17S | 19П34 19П26 | 15©08 14©51 | 13 Ω 35 13 Ω 13 | 19 mp 19 19 mp 15 | 23 <u>⊕</u> 38 23 <u>⊕</u> 42 | 20 II 29 20 II 21 | 16©05 15©48 | 14Ω41 14Ω19 | 20 m/30 20 m/27 | 24 <u>a</u> 44 | 21 II 24 21 II 16 | 17©03 16©45 | 15Ω47 15Ω26 | 21 m/41 21 m/38 | 25 a 50 25 a 55 |
| 17S | 19 Д 20 | 14931 | 12 \Omega 50 | 19 mg 11 | 23 <u>2</u> 42 | 20 II 21 20 II 12 | 15930 | 13 Ω 57 | 20 mg 23 | 24 <u>2</u> 48 | 21 II 10 21 II 07 | 16928 | 15 Ω 04 | 21 mg 35 | 25 <u>a</u> 59 |
| 19S | 19П08 | 14915 | 12 28 | 19 m, 07 | 23 ₾ 50 | 20 Д 03 | 15@13 | 13 A 35 | 20 m/20 | 24≗57 | 20П58 | 16910 | 14 \Omega 42 | 21 m 32 | 26 ₾ 03 |
| 20S | 19П00 | 13957 | 12£004 | 19 m _p 03 | 23 ≏ 54 | 19П54 | 14954 | 13 Q 12 | 20 mg 16 | 25 ₾ 01 | 20П49 | 15@52 | 14Ω19 | 21 mg 29 | 26≗08 |
| 21S | 18П51 | 13539 | 11Ω40 | 18 m 59 | 23 ≏ 58 | 19П45 | 14936 | 12 ຄ 48 | 20 mg 12 | 25 ₾ 05 | 20П40 | 15934 | 13 2 56 | 21 m/25 | 26 🕰 12 |
| 22S | 18Ⅲ42 | 13520 | 11 <i>Q</i> 16 | 18 m, 55 | 24 ₾ 03 | 19П36 | 14917 | 12 № 24 | 20 mj 08 | 25 ₾ 10 | 20П31 | 15915 | 13 ⋒32 | 21 m/22 | 26 🖴 17 |
| 23S | 18耳32 | 13501 | 10.051 | 18 m 50 | 24 ₾ 07 | 19П27 | 13558 | 11.059 | 20 m 04 | 25 ₾ 14 | 20П22 | 14956 | 13 0 08 | 21 m 19 | 26 € 22 |
| 24S | 18П23 | 12541 | 10Ω25 | 18 mg 46 | 24≗11 | 19П18 | 13539 | 11 A 33 | 20 m, 00 | 25 ₾ 19 | 20П12 | 14536 | 12Ω42 | 21 mg 15 | 26 ₽ 26 |
| 25S | 18日14 | 12@21 | 9⋒58 | 18 mg 41 | 24 ₾ 16 | 19П08 | 13519 | 11 07 | 19 m 56 | 25 | 20П03 | 14917 | 12Ω16 | 21 m 11 | 26 △ 31 |
| 26S 27S | 18П04 17П54 | 12©01 11©41 | 9 ຄ 3 0 9 ຄ 0 2 | 18 mp 36 18 mp 31 | 24 <u>₽</u> 21 24 <u>₽</u> 25 | 18 II 59 18 II 49 | 12©59 12©38 | 10Ω40 10Ω12 | 19 m ₂ 52 19 m ₂ 47 | 25 <u>a</u> 29 25 <u>a</u> 34 | 19П53 19П43 | 13@56 13@36 | 11Ω50 11Ω22 | 21 mg 08 21 mg 04 | 26 ♀ 36 26 ♀ 41 |
| 28S | 17 Д 34 | 119941 | 8£33 | 18 m) 26 | 24 <u>2</u> 30 | 18 Д 39 | 12938 | 9 Ω 43 | 19 mg 43 | 25 <u>a</u> 39 | 19Д43 | 13930 | 10Ω53 | 21 mg 04 21 mg 00 | 26≗47 |
| 29S | 17П34 | 10ഇ58 | 8£02 | 18 m/ 21 | 24 △ 35 | 18 Д 28 | 11955 | 9Ω13 | 19 m, 38 | 25 △ 44 | 19П23 | 12553 | 10 ຄ 24 | 20 m 55 | 26 - 52 |
| 30S | 17П24 | 10ഇ36 | 7ຄ31 | 18 mp 15 | 24 🕰 40 | 18П18 | 11933 | 8 2 42 | 19 m ₂ 33 | 25 ₾ 49 | 19П12 | 12531 | 9ຄ53 | 20 m 51 | 26₽58 |
| 31S | 17 I I3 | 10ഇ13 | 6£59 | 18 mg 10 | 24 🖴 46 | 18 I I07 | 11911 | 8 a 10 | 19 m 28 | 25 ₾ 55 | 19П02 | 12508 | 9ຄ21 | 20 m/47 | 27 ⊆ 03 |
| 32S | 17Ⅲ02 | 9ഇ50 | 6 Ω 25 | 18 mg 04 | 24≗51 | 17Ⅲ56 | 10ഇ48 | 7 a 37 | 19 m, 23 | 26 ₾ 00 | 18Д51 | 119545 | 8⋒49 | 20 m/42 | 27ჲ09 |
| 33S | 16耳51 | 9526 | 5 N 50 | 17 m 58 | 24 ₾ 57 | 17 Д 45 | 10524 | 7.02 | 19 m 17 | 26 ₾ 06 | 18П40 | 119521 | 8 N 14 | 20 m 37 | 27 □ 15 |
| 34S | 16耳40 | 9902 | 5Ω14 | 17 m ₂ 51 | 25 ₾ 02 | 17 Д 34 | 9959 | 6Ω26 | 19 mg 12 | 26 ₾ 12 | 18П28 | 10557 | 7£39 | 20 m/32 | 27 2 21 |
| 35S | 16耳28 | 8937 | 4.037 | 17 m 44 | 25 ₾ 08 | 17П22 | 9934 | 5Ω49 | 19 mg 06 | 26 ₾ 18 | 18 11 16 | 10532 | 7,02 | 20 m 27 | 27 <u>2</u> 28 |
| 36S 37S | 16II 16 16II 04 | 8511 7544 | 3Ω58 3Ω17 | 17 mp 37 17 mp 30 | 25 a 14 25 a 21 | 17II 10 16II 58 | 9508 8541 | 5Ω10 4Ω30 | 18 m ₂ 59 18 m ₂ 53 | 26 <u>2</u> 24 | 18 II 04 17 II 52 | 10©06 9©39 | 6Ω24 5Ω44 | 20 mg 21 20 mg 16 | 27 ♀ 34 27 ♀ 41 |
| | 15 II 51 | 79917 | | | | 16 II 45 | 8914 | | | 26≗38 | | 9939 | 5Ω02 | | |
| 39S | 15 Д 38 | 6948 | 1 2 50 | 17 mp 15 | 25 ≏ 34 | 16 Д 32 | 79345 | 3 № 04 | 18 m, 39 | 26 🕰 45 | 17П26 | 8943 | 4Ω18 | 20 m/03 | 27.256 |
| 40S | 15 Д 25 | 6919 | 1 Q 04 | 17 m ₂ 06 | 25 ≙ 41 | 16П18 | 7 © 16 | 2 A 18 | 18 mp 31 | 26₽52 | 17П12 | 8513 | 3 a 32 | 19 mp 57 | 28 ₾ 03 |
| 41S | 15 I I11 | 5গু48 | 0Ω15 | 16 m 57 | 25 △ 48 | 16耳05 | 6945 | 1 29 | 18 m/ 23 | 27≗00 | 16Д58 | 79543 | 2⋒44 | 19 m 50 | 28 🕰 11 |
| 42S | 14П57 | 5917 | 29\$25 | 16 mg 48 | 25 ≏ 56 | 15 II 50 | 6914 | 0ຄ39 | 18 mg 15 | 27 △ 08 | 16П44 | 79511 | 1 2 5 3 | 19 m/43 | 28 ≏ 20 |
| 438 | 14 Π 42 | 49544 | 28931 | 16 m 38 | 26 <u>0</u> 04 | 15 II 35 | 59641 | 29 5 45 28 5 49 | 18 m) 06 | 27 <u>₽</u> 16 | 16 II 29 | 6938 | 1 \O 0 0 0 4 | 19 mp 35 | 28 <u>0</u> 28 |
| 448 | 14П26 | 4510 | 27935 | 16 m 27 | 26 € 12 | 15 11 20 | 5907 | | 17 m, 57 | 27 ₾ 25 | 16П13 | 6904 | 0Ω04 | 19 m 27 | 28 △ 37 |
| 45S 46S | 14П11 13П54 | 3 9 35 2 9 58 | 26©36 25©34 | 16 mg 16 16 mg 04 | 26 ≘ 21 26 ≘ 30 | 15 II 04 14 II 47 | 4932 3955 | 27©50 26©48 | 17 mp 47 17 mp 36 | 27 ♀ 34 27 ♀ 43 | 15 Д 57 15 Д 41 | 5©28 4©51 | 29©05 28©03 | 19 mg 18 19 mg 09 | 28 ♀ 47 28 ♀ 56 |
| 46S 47S | 13 Д 34 | 2938 | 23934 | 15 m 52 | 26 <u>≈</u> 30 | 14 II 47 14 II 30 | 3933 | 25948 | 17 mg 25 | 27 <u>2</u> 43 | 15 Д 23 | 4931 | 26 26 57 | 19 mg 59 | 29 € 07 |
| 48S | 13 Д 19 | 1940 | 23518 | 15 m/ 38 | 26 - 50 | 14 II 12 | 2536 | 24532 | 17 mg 13 | 28 2 04 | 15 II 05 | 3532 | 25948 | 18 mg 48 | 29 ₾ 18 |
| 49S | 13 Д 00 | 0ඉ58 | 22ഇ05 | 15 m/24 | 27≗00 | 13 Д 53 | 1953 | 23ഇ19 | 17 m, 00 | 28 🕰 15 | 14П46 | 25649 | 24934 | 18 mp 37 | 29 ₾ 29 |
| 50S | 12П41 | 0១14 | 20ഇ47 | 15 mp 08 | 27≗11 | 13 ДЗ3 | 1509 | 22ഇ00 | 16 mg 46 | 28 ₾ 26 | 14П26 | 2505 | 23ഇ15 | 18 mp 24 | 29ჲ41 |
| 51S | 12 Д 20 | 29П28 | 19924 | 14 m 51 | 27 ≏ 23 | 13 Д 13 | 0ഇ23 | 20ഇ37 | 16 mg 31 | 28 ₾ 39 | 14П05 | 19518 | 21952 | 18 mp 11 | 29 △ 54 |
| 52S | 11 Д 59 | 28耳39 | 17957 | 14 m 33 | 27 △ 36 | 12 Д 51 | 29 Д 34 | 19509 | 16 m 14 | 28 ₾ 52 | 13 Д 44 | 0929 | 20522 | 17 m 56 | 0m.08 |
| 53S 54S | 11 II 36 11 II 12 | 27 II 48 26 II 54 | 16©23 14©44 | 14 m, 13 13 m, 51 | 27 ♀ 49 28 ♀ 03 | 12 Д 28 12 Д 04 | 28 II 42 27 II 47 | 17935 15954 | 15 m, 56 15 m, 37 | 29 <u>a</u> 06 | 13 Д20 12 Д56 | 29 II 37 28 II 42 | 18947 17906 | 17 mg 41 17 mg 23 | 0m.22 0m.38 |
| - 1 | | | | | | | | | | | | | | | |
| 55S 56S | 10П47 10П20 | 25 II 56 24 II 56 | 12©58 11©05 | 13 m/27 13 m/00 | 28 ♀ 19 28 ♀ 35 | 11 Д 39 11 Д 12 | 26 II 50 25 II 48 | 14©07 12©12 | 15 m, 15 14 m, 51 | 29 <u>2</u> 37 | 12 Д 30 12 Д 03 | 27 II 43 26 II 41 | 15©18 13©22 | 17 mg 04 16 mg 43 | 0m.54 1m.12 |
| 57S | 9П52 | 23 II 51 | 9904 | 12 mg 30 | 28 ≗ 53 | 10 Д 43 | 24 II 43 | 10910 | 14 m/ 25 | 0m.12 | 11 Д 34 | 25 II 35 | 119317 | 16 mg 20 | 1 m. 31 |
| 58S | 9П22 | 22 П 42 | 6955 | 11 m ₂ 57 | 29 ₾ 12 | 10 Д 12 | 23 Д 33 | 7959 | 13 m 55 | 0m.32 | 11 Д03 | 24 Д24 | 9904 | 15 m 54 | 1 m. 52 |
| 59S | 8П49 | 21 Д28 | 4938 | 11 mg 19 | 29 ₾ 33 | 9П39 | 22 П 18 | 5939 | 13 m/21 | 0 m 54 | 10П30 | 23 Д 09 | 6942 | 15 m/24 | 2 m. 14 |
| 60S | 8П14 | 20П09 | 2911 | 10 m/36 | 29 ≏ 55 | 9П04 | 20П58 | 3ഇ09 | 12 mg 43 | 1 m. 17 | 9П54 | 21 Д48 | 4909 | 14 m/50 | 2 m 39 |
| 61S | 7Д36 | 18П44 | 29П34 | 9 m, 47 | 0m20 | 8п26 | 19 Д 32 | 0930 | 11 m ₂ 58 | 1 m. 43 | 9п15 | 20 Д20 | 1926 | 14 mp 11 | 3 m. 06 |
| 62S | | 17耳13 | 26Ⅱ48 | 8 mg 49 | 0m.48 | 7П44 | 17Д59 | 27 Д 39 | 11 m 07 | 2 m 12 | 8Д32 | 18 Д 45 | 28 Д 32 | 13 m/ 26 | 3 m. 36 |
| | 6П55 | | 22 | 7 | | 6 TT 50 | 16耳17 | 24 II 38 | 10 mg 06 | 2 m 44 | 7Ⅱ46 | 17П02 | 25 II 26 | 12 mp 32 | 4m.09 |
| 63S | 6П11 | 15 I I33 | 23 II 51 20 II 44 | 7 mp 41 | 1 m 18 | 6H58 | | | | | | 15 π 00 | 22π00 | | /1 m /17 |
| 63S 64S | 6 п 11 5 п 21 | 15 II 33 13 II 45 | 20 I I44 | 6 mg 19 | 1 m.53 | 6 I I08 | 14П27 | 21 II 26 | 8 m, 52 | 3 m 20 | 6Ц55 | 15 Д 09 | 22 II 09 | 11 m/27 | 4m47 |
| 63S 64S 65S | 6П11 5П21 4П27 | 15 II 33 13 II 45 11 II 48 | 20П44 17П27 | 6 mp 19 4 mp 37 | 1 m.53 2 m.31 | 6П08 5П12 | 14П27 12П27 | 21 II 26 18 II 04 | 8 m, 52 7 m, 21 | 3 m. 20 4 m. 01 | 6Д55 5Д58 | 13 Д 06 | 18П41 | 11 m/27 10 m/07 | 5 m 30 |
| 63S 64S | 6 п 11 5 п 21 | 15 II 33 13 II 45 | 20 I I44 | 6 mg 19 | 1 m.53 | 6 I I08 | 14П27 | 21 II 26 | 8 m, 52 | 3 m 20 | 6Ц55 | | | 11 m/27 | |

| | Sid.Tir MC: | | 6m AR 318'47 | CMC: 54 | ·°00' | Sid.Tir MC: | ne: 3h40 278 | Om AR | MC: 55 | 5°00' | Sid.Tir MC: | | 4m AR 314'55 | RMC: 56 | 5°00' |
|------------|----------------------|--------------------------------|---------------------------------------|--|----------------------------------|----------------------|----------------------|----------------------|--|--------------------|----------------------|----------------------------------|------------------------------|----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 24П29 | 22513 | 21 237 | 23 m/27 | 25 ≏ 53 | 25 11 24 | 23509 | 22 A 38 | 24 m/33 | 26 ₾ 56 | 26П19 | 24906 | 23 € 40 | 25 m/38 | 27 ⊆ 59 |
| 1S | 24 II 21 24 II 13 | 21©58 21©43 | 21 0 05 | 23 m 25 23 m 23 | 25 <u>a</u> 56 26 <u>a</u> 00 | 25 II 16 25 II 08 | 22©54 22©39 | 22 Ω 23 22 Ω 07 | 24 m/31 24 m/29 | 27 <u>a</u> 00 | 26 II 11 26 II 03 | 23@51 23@36 | 23 \Omega 25 | 25 m 37 25 m 35 | 28 a 03 28 a 07 |
| 2S 3S | 24 II 13 24 II 05 | 219943 | 21 Ω 05 20 Ω 49 | 23 mg 23 | 26 2 04 | 25 II 08 25 II 00 | 22524 | 21 252 | 24 m 28 | 27 <u>20</u> 4 | 25 II 55 | 23 5 21 | 23 Ω 10 22 Ω 54 | 25 m 34 | 28 <u>2</u> 07 |
| 4S | 23 II 57 | 21512 | 20ω33 | 23 m 19 | 26 - 08 | 24 П 52 | 22509 | 21 A 36 | 24 m/26 | 27 <u>□</u> 12 | 25 Д 47 | 23506 | 22 \Omega 39 | 25 m/ 33 | 28 ₾ 15 |
| 5S | 23 Д 49 | 20\$57 | 20Ω16 | 23 m, 17 | 26 🕰 12 | 24П44 | 21954 | 21 & 19 | 24 m/24 | 27 ₾ 16 | 25 Д 39 | 22551 | 22 \Omega 23 | 25 m/31 | 28 🕰 19 |
| 6S | 23 Д41 | 20542 | 19259 | 23 m 15 | 26 ₾ 15 | 24 Д 36 | 21539 | 21 203 | 24 m 22 | 27 ₾ 20 | 25 Д 31 | 22536 | 22 \O 07 | 25 m/30 | 28 2 24 |
| 7S 8S | 23 II 33 23 II 25 | 20©26 20©11 | 19Ω42 19Ω25 | 23 m, 13 23 m, 11 | 26 <u>₽</u> 19 | 24 II 28 24 II 20 | 21©24 21©08 | 20 Ω 46 20 Ω 29 | 24 m/21 24 m/19 | 27 <u>2</u> 24 | 25 II 23 25 II 15 | 22©21 22©05 | 21 Ω 50 21 Ω 34 | 25 m/28 25 m/27 | 28 <u>0</u> 28 |
| 9S | 23 II 23 23 II 17 | 19955 | 198023 | 23 mg 09 | 26 ≗ 27 | 24 II 20 24 II 12 | 20952 | 20 A 12 | 24 m/ 17 | 27 <u>=</u> 28 | 25 II 07 | 21950 | 210.034 210.017 | 25 m/ 25 | 28 <u>=</u> 32 |
| 108 | 23П09 | 19539 | 18Ω49 | 23 m 06 | 26₽31 | 24 П 04 | 20537 | 19£54 | 24 m 15 | 27≗36 | 24П59 | 21534 | 20 û 59 | 25 m 24 | 28 ≏ 41 |
| 11S | 23П01 | 19©23 | 18⋒31 | 23 m 04 | 26≗35 | 23 Д 56 | 20ഇ21 | 19 ຄ 36 | 24 m 13 | 27 △ 40 | 24II51 | 21518 | 20 € 42 | 25 m 22 | 28 ≏ 45 |
| 12S | 22 II 53 | 19507 | 18Ω12 | 23 m 02 | 26 △ 39 | 23 II 48 | 20504 | 19 0 18 | 24 m 11 | 27 ₾ 44 | 24 II 43 | 21502 | 20 0 24 | 25 m 21 | 28 ₾ 49 |
| 13S 14S | 22 II 44 22 II 36 | 18©51 18©34 | 17Ω53 17Ω34 | 22 m 59 22 m 57 | 26 ♀ 43 26 ♀ 48 | 23 II 39 23 II 31 | 19 5 48 | 18Ω59 18Ω40 | 24 m ₂ 09 24 m ₂ 07 | 27 <u>a</u> 49 | 24 II 34 24 II 26 | 20 © 46 20 © 29 | 20Ω06 19Ω47 | 25 m 19 25 m 18 | 28 a 54 28 a 58 |
| 15S | 22 Π 28 | 18917 | 17Ω14 | 22 m 55 | 26 - 52 | 23 11 22 | 19915 | 18Ω21 | 24 m 05 | 27 2 57 | 24 II 17 | 20@13 | 19Ω28 | 25 mg 16 | 29 ≘ 03 |
| 16S | 22 II 19 | 18500 | 16Ω54 | 22 m 52 | 26 ≗ 56 | 23 II 14 | 18558 | 18£01 | 24 m 03 | 28 <u>a</u> 02 | 24II 09 | 19556 | 19208 | 25 m/ 14 | 29 2 07 |
| 17S | 22 11 10 | 175643 | 16£33 | 22 m 50 | 27 ₾ 01 | 23 Д 05 | 18541 | 17 A 40 | 24 m 01 | 28 ₾ 06 | 24 11 00 | 19539 | 18 A 48 | 25 m 13 | 29 ₾ 12 |
| 18S 19S | 22 II 02 21 II 53 | 17©25 17©08 | 16Ω12 15Ω50 | 22 mg 47 22 mg 44 | 27 ♀ 05 27 ♀ 10 | 22 II 57 22 II 48 | 18 5 23 | 17 A 20 16 A 58 | 23 m/59 23 m/57 | 28 <u>2</u> 11 | 23 II 51 23 II 43 | 19 5 21 19 5 04 | 18Ω28 18Ω07 | 25 mg 11 25 mg 09 | 29 a 17 |
| 20S | 21 II 33 | 16950 | 15 N 28 | 22 mg 41 | 27 2 10 | 22 II 48 22 II 39 | 17948 | 16£36 | 23 m 54 | 28 <u>2</u> 21 | 23 II 34 | 18946 | 17.Ω45 | 25 m 07 | 29 <u>11</u> 22 |
| 20S 21S | 21 II 44 21 II 35 | 16931 | 15 N 05 | 22 m 39 | 27 ₾ 14 | 22 II 39 22 II 30 | 179948 | 16Ω14 | 23 m 52 | 28 <u>2</u> 25 | 23 II 25 | 18928 | 178243 17\O23 | 25 mg 05 | 29 ± 27 29 ± 32 |
| 22S | 21 Д 26 | 16513 | 14Ω41 | 22 m/36 | 27 ≏ 24 | 22 Д21 | 17911 | 15 A 50 | 23 m 50 | 28≗30 | 23 Д 15 | 18509 | 17 Ω 00 | 25 m 03 | 29 ≏ 37 |
| 23S 24S | 21 Π 17 21 Π 07 | 15©54 15©34 | 14Ω17 13Ω52 | 22 m/33 22 m/30 | 27 ♀ 29 27 ♀ 34 | 22 II 11 22 II 02 | 16952 16932 | 15 Ω 27 15 Ω 02 | 23 m/47 23 m/45 | 28 <u>2</u> 35 | 23 II 06 22 II 57 | 17950 17931 | 16Ω37 16Ω13 | 25 mg 02 24 mg 59 | 29 ♀ 42 29 ♀ 47 |
| | 20 II 58 | | 13 N 26 | | 27 ≗ 34 27 ≗ 39 | 21 II 52 | | 138702 14Ω37 | 23 m 42 | | 22 II 47 | | 15Ω48 | | 29 <u>a</u> 47 |
| 25S 26S | 20 II 48 | 15©15 14©54 | 13 <i>i</i> 12 0 0 13 <i>i</i> 10 0 0 | 22 m/27 22 m/23 | 27 ± 39 | 21 II 32 21 II 42 | 16©13 15©53 | 143(37 | 23 m 39 | 28 <u>a</u> 46 | 22 II 47 22 II 37 | 17©11 16©51 | 15 <i>β</i> (48) | 24 m 57 24 m 55 | 29±53 |
| 27S | 20Д38 | 14534 | 12£33 | 22 m/20 | 27 △ 49 | 21 Д32 | 15@32 | 13 A 44 | 23 m/36 | 28 ₾ 57 | 22 Д27 | 16930 | 14Ω56 | 24 m 53 | 0m.04 |
| 288 | 20 II 28 | 149613 | 12004 | 22 m 17 | 27 2 55 | 21 Д22 | 15911 | 13 \Q 16 | 23 m 34 | 29 ₾ 02 | 22 П 17 | 16509 | 14Ω28 | 24 m 51 | 0m.10 |
| 298 | 20 II 17 | 13551 | 11.035 | 22 m 13 | 28 ♣ 00 | 21 11 12 | 14549 | 12.047 | 23 m/31 | 29 ₾ 08 | 22 11 07 | 15548 | 14000 | 24 m 48 | 0m.16 |
| 30S 31S | 20П07 19П56 | 13©29 13©07 | 11Ω05 10Ω34 | 22 mg 09 22 mg 05 | 28 ♀ 06 | 21 II 01 20 II 51 | 14©27 14©05 | 12Ω17 11Ω47 | 23 m/27 23 m/24 | 29 <u>a</u> 14 | 21 II 56 21 II 45 | 15©26 15©03 | 13 Ω 31 13 Ω 00 | 24 m 46 24 m 43 | 0m.22 0m.28 |
| 32S | 19П45 | 125643 | 10Ω01 | 22 m 01 | 28 ₾ 18 | 20 Д 40 | 135642 | 11Ω14 | 23 m 21 | 29 ₾ 27 | 21 Д34 | 145640 | 12 N 28 | 24 m 40 | 0m.35 |
| 338 | 19П34 19П22 | 12©19 11©55 | 9 ຄ 2 7 8 ຄ 5 2 | 21 m ₂ 57 21 m ₂ 53 | 28 <u>₽</u> 24 28 <u>₽</u> 31 | 20 II 28 20 II 17 | 13©18 12©53 | 10Ω41 10Ω06 | 23 m, 17 23 m, 14 | 29 <u>2</u> 33 | 21 II 23 21 II 11 | 14©16 13©52 | 11 \alpha 55 11 \alpha 21 | 24 m 38 | 0m.42 0m.48 |
| 348 | | | | 21 m 48 | | 20 II 17 20 II 05 | | | 23 m 10 | | 20 II 59 | | | 24 m 35 | |
| 35S 36S | 19П11 18П58 | 11©30 11©04 | 8 N 16 7 N 38 | 21 mg 48 | 28 ♀ 37 28 ♀ 44 | 19 II 53 | 12©28 12©02 | 9 N 30 8 N 53 | 23 mg 06 | 29 a 47 | 20 II 39 20 II 47 | 13©27 13©01 | 10Ω45 10Ω08 | 24 m/32 24 m/29 | 0m.56 1m.03 |
| 37S | 18 I I46 | 10937 | 6£58 | 21 m/39 | 28₽51 | 19П40 | 11535 | 8 a 13 | 23 m 02 | 0m.01 | 20П34 | 12534 | 9⋒29 | 24 m 25 | 1 m 10 |
| 38S 39S | 18II33 | 10509 | 6Ω16 5Ω22 | 21 m 34 | 28 ♣ 59 | 19 Д 27 | 11507 | 7.032 | 22 m 58 | 0m.09 | 20 11 21 | 12506 | 8 N 48 | 24 m 22 | 1m.18 |
| 40S | 18П20 18П06 | 9541 9511 | 5 N 33 4 N 47 | 21 m/28 21 m/23 | 29 ♀ 06 29 ♀ 14 | 19II 14 19II 00 | 10539 | 6Ω49 6Ω04 | 22 m 53 22 m 48 | 0m.17 | 20П08 19П54 | 11537 | 8 N 06 7 N 21 | 24 m/18 24 m/14 | 1 m.26 1 m.35 |
| 40S 41S | 17 II 52 | 8940 | 43147 4Ω00 | 21 mg 23 | 29 2 2 2 | 18 II 46 | 9539 | 5Ω16 | 22 m 43 | 0 m 25 0 m 33 | 19 II 40 | 10937 | 6Ω34 | 24 m 10 | 1 m.44 |
| 42S | 17 I I38 | 8509 | 3⋒09 | 21 m 10 | 29 ₾ 31 | 18Д31 | 9907 | 4⋒26 | 22 m/38 | 0m.42 | 19П25 | 10ഇ05 | 5Ω44 | 24 m 06 | 1 m 53 |
| 43S | 17II 23 | 7936 | 2016 | 21 m 04 | 29 ₾ 40 | 181116 | 8934 | 3 2 3 3 4 | 22 m 33 | 0m.51 | 191110 | 9932 | 4 N 52 | 24 m 02 | 2m.02 |
| 44S | 17II 07 | 7501 | 1 & 21 | 20 m 57 | 29 △ 49 | 18II01 | 7559 | 2.038 | 22 m/ 27 | 1 m 01 | 18П54 | 8957 | 3.059 | 23 m 57 | 2m.12 |
| 45S 46S | 16П51 16П34 | 6 9 26 5 9 48 | 0 മ 22 29 ഇ 20 | 20 m/49 20 m/41 | 29 <u>2</u> 59 0 m.09 | 17П44 17П27 | 7©23 6©46 | 1 | 22 mg 20 22 mg 14 | 1 m 11 1 m 22 | 18 II 38 18 II 21 | 8©21 7©44 | 2 N 58 1 N 56 | 23 m 52 23 m 47 | 2 m. 23 2 m. 34 |
| 47S | 16耳16 | 5909 | 28914 | 20 m/32 | 0 m 20 | 17 I I0 | 6907 | 29ഒ32 | 22 m/07 | 1 m 33 | 18 I I03 | 7904 | 0ຄ51 | 23 m 41 | 2 m 45 |
| 48S | 15 II 58 | 4529 | 27504 | 20 m 23 | 0m.31 | 16П51 | 5926 | 28522 | 21 m 59 | 1 m. 44 | 17II 45 | 6923 | 29541 | 23 m 35 | 2m.57 |
| 498 | 15 II 39 | 35546 | 25@50 | 20 m 13 | 0m.43 | 16П32 | 4943 | 27508 | 21 m 51 | 1 m. 57 | 17II 25 | 5940 | 28527 | 23 m/28 | 3 m 10 |
| 50S 51S | 15П19 14П58 | 3501 2514 | 24©31 23©07 | 20 m ₂ 03 19 m ₂ 51 | 0 m 56 1 m 09 | 16 II 12 15 II 51 | 3958 3910 | 25©49 24©24 | 21 m/42 21 m/32 | 2 m 10 2 m 23 | 17II 05 16II 44 | 4955 4907 | 27©08 25©43 | 23 m/21 23 m/13 | 3 m. 23 3 m. 38 |
| 52S | 14耳36 | 1524 | 21938 | 19 m, 39 | 1 m. 23 | 15Ⅲ28 | 2520 | 22954 | 21 m/ 22 | 2 m 38 | 16II21 | 3917 | 249512 | 23 m 05 | 3 m 53 |
| 53S | 14II 13 | 0532 | 20502 | 19 m 25 | 1 m. 38 | 15 II 05 | 1927 | 21518 | 21 m 10 | 2 m 54 | 15 II 57 | 2523 | 22535 | 22 m 56 | 4m.09 |
| 548 | 13 II 48 | 29 Д 36 | 18519 | 19 mg 11 | 1 m. 54 | 14 11 40 | 0931 | 19935 | 20 m 58 | 3 m. 10 | 15 II 32 | 19527 | 20@51 | 22 m/46 | 4m.26 |
| 55S 56S | 13 Π 22 12 Π 55 | 28 II 37 27 II 35 | 16©30 14©32 | 18 mp 54 18 mp 36 | 2 m 11 2 m 30 | 14 II 14 13 II 46 | 29 II 32 28 II 29 | 17944 15945 | 20 mg 44 20 mg 29 | 3 m. 28 3 m. 47 | 15 II 06 14 II 38 | 0©27 29 Ⅱ23 | 18©59 16©59 | 22 m/35 22 m/23 | 4m.44 5m.04 |
| 57S | 12 II 33 | 26 II 28 | 12@26 | 18 mg 16 | 2 m 50 | 13 II 40 13 II 16 | 27 II 21 | 13937 | 20 mg 12 | 4m.08 | 14 II 08 | 29 II 23 28 II 15 | 14950 | 22 m/ 09 | 5 m 25 |
| 58S | 11 11 54 | 25 Д 16 | 10511 | 17 m 53 | 3 m 11 | 12 Д 45 | 26II 09 | 11520 | 19 m ₂ 53 | 4m30 | 13 Д 36 | 27 II 02 | 12530 | 21 m 54 | 5m48 |
| 598 | 11 Д 20 | 24 11 00 | 79546 | 17 m 28 | 3 m 35 | 12 11 10 | 24 11 51 | 8952 | 19 m 32 | 4 m. 54 | 13 11 01 | 25 II 43 | 10500 | 21 m 37 | 6m.13 |
| 60S 61S | 10П44 10П04 | 22 II 37 21 II 08 | 5©10 2©24 | 16 m ₂ 58 | 4 m. 00 4 m. 28 | 11 II 34 10 II 53 | 23 II 28 21 II 57 | 6©13 3©23 | 19 mg 07 18 mg 39 | 5 m 21 5 m 50 | 12 II 24 11 II 43 | 24 II 18 22 II 46 | 7©18 4©23 | 21 mg 17 20 mg 54 | 6m41 7m11 |
| 62S | 9Д21 | 19 Д 32 | 29П25 | 15 mg 46 | 4 m 59 | 10 II 33 | 20 II 19 | 0 © 20 | 18 mg 06 | 6 m 22 | 10II59 | 21 II 07 | 19516 | 20 m/ 28 | 7 m 45 |
| 63S | 8П34 | 17П47 | 26 Д 15 | 14 m 59 | 5m.34 | 9П22 | 18 Д 32 | 27 II 05 | 17 m 28 | 6m.58 | 10П10 | 19П18 | 27 Д 56 | 19 m 57 | 8 m. 22 |
| 64S | 7II 42 | 15 11 52 | 22 11 53 | 14 m 03 | 6m.13 | 81129 | 16耳35 | 23 11 37 | 16 mg 41 | 7m.39 | 9П16 | 171118 | 24 11 23 | 19 mg 20 | 9m.05 |
| 65S 66S | 6П43 5П37 | 13 Д 46 11 Д 27 | 19П19 15П34 | 12 m ₂ 55 | 6 m 58 7 m 49 | 7П29 6П21 | 14 II 26 12 II 03 | 19 II 58 16 II 06 | 15 mg 44 14 mg 32 | 8 m. 26 9 m. 20 | 8П15 7П05 | 15 П 06 12 П 39 | 20Д36 16Д38 | 18 mp 34 17 mp 36 | 9m.53 10m.50 |
| pc | 3Д37 4Д57 | 10 Д 03 | 13 II 34 13 II 24 | 10 mg 29 | 8 m 22 | 5Д39 | 12 Д 03 | 13 Д 51 | 14 np 32 | 9 m 54 | 6II 22 | 12 Д 39 | 14 Д 19 | 17 mg 30 16 mg 57 | 11 m 26 |
| • | | | ļ | | | | | | | 221200 | | <u> </u> | | | |

| | Sid.Tir MC: | | 8m AR 312'46 | CMC: 57 | '°00' | Sid.Tir MC: | ne: 3h52 | 2m AR 0'27 | MC: 58 | 3°00' | Sid.Tir MC: | | 6m AR 17'59 | RMC: 59 |)°00' |
|------------|----------------------------------|--------------------------------|----------------------------------|----------------------|--------------------|----------------------|----------------------|--------------------------------|--|---------------------|----------------------|----------------------------------|------------------------------|----------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27П14 | 25©03 | 24 \Omega 42 | 26 m 43 | 29 ₾ 02 | 28П09 | 26©00 | 25 € 44 | 27 m 49 | 0 m 05 | 29П04 | 26@57 | 26⋒46 | 28 m 54 | 1 m. 08 |
| 1S 2S | 27 II 06 26 II 58 | 24©48 24©33 | 24Ω27 24Ω12 | 26 m/42 26 m/41 | 29 <u>a</u> 06 | 28 II 01 27 II 53 | 25@45 25@31 | 25 Ω 30 25 Ω 15 | 27 mp 48 27 mp 47 | 0m.09 0m.14 | 28 II 57 28 II 49 | 26©42 26©28 | 26Ω32 26Ω18 | 28 m 54 28 m 53 | 1 m 12 1 m 17 |
| 3S | 26 II 50 | 24933 | 23.057 | 26 mg 40 | 29 ₾ 15 | 27 II 33 | 25931 | 25 Ω 00 | 27 mg 47 | 0 m 18 | 28 II 49 28 II 41 | 26913 | 26Ω04 | 28 m 53 | 1 m 21 |
| 4S | 26 I I43 | 24504 | 23 N 42 | 26 m/39 | 29 ₾ 19 | 27 Д 38 | 25©01 | 24 N 45 | 27 m 46 | 0 m 22 | 28П33 | 25@58 | 25 € 49 | 28 m 53 | 1 m. 26 |
| 5S | 26П35 | 235649 | 23 £ 26 | 26 m/38 | 29 ₾ 23 | 27 Д 30 | 245646 | 24 A 30 | 27 m/45 | 0m.27 | 28П25 | 2544 | 25⋒34 | 28 m/52 | 1 m. 30 |
| 6S | 26II 26 | 23534 | 23 \O 55 | 26 m 37 | 29 ₾ 27 | 27 II 22 | 24931 | 24 \Q 15 | 27 m 45 | 0m.31 | 28 П 17 | 25@29 | 25 \Q 19 | 28 m 52 | 1 m 35 |
| 7S 8S | 26 II 18 26 II 10 | 23©18 23©03 | 22 N 55 22 N 38 | 26 m/36 26 m/35 | 29 <u>a</u> 32 | 27 II 13 27 II 05 | 24©16 24©01 | 23 \Omega 59 23 \Omega 43 | 27 mg 44 27 mg 43 | 0 m 36 0 m 40 | 28 II 08 28 II 00 | 25©14 24©58 | 25Ω04 24Ω48 | 28 m, 52 28 m, 51 | 1 m 39 1 m 44 |
| 9S | 26耳02 | 225647 | 22 \Omega 22 | 26 m/34 | 29 ₾ 40 | 26 Д 57 | 23945 | 23 N 27 | 27 m/42 | 0m.45 | 27 Д 52 | 249643 | 24 \Omega 33 | 28 m 51 | 1 m. 48 |
| 10S | 25П54 | 22532 | 22 A 05 | 26 m/33 | 29 ≙ 45 | 26П49 | 23530 | 23 Q 11 | 27 mj 42 | 0m49 | 27П44 | 24528 | 24 <i>Q</i> 16 | 28 m 51 | 1 m.53 |
| 118 | 25 II 46 | 22516 | 21 Ω48 | 26 m 32 | 29 ₾ 49 | 26 Д41 | 23514 | 22 254 | 27 m 41 | 0m.54 | 27 Д 36 | 24512 | 24 \(\O \) 00 | 28 m 50 | 1 m.58 |
| 12S 13S | 25 II 38 25 II 29 | 22©00 21©44 | 21 \Q 30 21 \Q 12 | 26 m/31 26 m/29 | 29 <u>a</u> 54 | 26 II 33 26 II 24 | 22©58 22©42 | 22 \Quad 36 22 \Quad 19 | 27 m/40 27 m/39 | 0 m. 58 1 m. 03 | 27 II 28 27 II 19 | 23©56 23©40 | 23 \Omega 43 23 \Omega 26 | 28 m 50 28 m 49 | 2 m. 03 2 m. 08 |
| 14S | 25 II 21 | 219527 | 20 Ω 54 | 26 m/ 28 | 0m.03 | 26 II 16 | 22526 | 22 201 | 27 m/39 | 1 m 08 | 27Π11 | 23524 | 23 A 09 | 28 mg 49 | 2 m 12 |
| 15S | 25 П 12 | 215611 | 20ຄ35 | 26 m ₂ 27 | 0 m 08 | 26П07 | 22509 | 21 Ω43 | 27 m ₂ 38 | 1 m. 13 | 27П02 | 23508 | 22 Q 51 | 28 m 49 | 2m.17 |
| 16S | 25 II 04 | 20ഇ54 | 20 ₪ 16 | 26 m/26 | 0m.13 | 25 Д 59 | 21\$52 | 21 №24 | 27 m 37 | 1 m. 18 | 26П54 | 22551 | 22£32 | 28 m/48 | 2 m 23 |
| 17S | 24 II 55 | 20537 | 19256 | 26 m 24 | 0m.17 | 25 II 50 | 21 5 35 | 21 20 05 | 27 m 36 | 1 m. 23 | 26 II 45 | 22534 | 22 \O 14 | 28 m/48 | 2 m 28 |
| 18S 19S | 24 Π 46 24 Π 37 | 20©20 20©02 | 19£36 19£16 | 26 m/23 26 m/22 | 0 m 22 0 m 27 | 25 II 41 25 II 32 | 21©18 21©01 | 20 A 45 20 A 25 | 27 m/35 27 m/34 | 1 m. 28 1 m. 33 | 26 II 36 26 II 27 | 22©17 21©59 | 21 \alpha 54 21 \alpha 35 | 28 mg 47 28 mg 47 | 2 m. 33 2 m. 38 |
| 208 | 24 II 28 | 19544 | 18Ω54 | 26 m/ 20 | 0 m. 33 | 25 II 23 | 20943 | 20 Ω 04 | 27 m ₂ 33 | 1 m. 38 | 26 II 18 | 21933 | 21 \alpha 14 | 28 m 46 | 2 m. 44 |
| 21S | 24 II 19 | 19526 | 18£33 | 26 m 19 | 0 m 38 | 25 II 14 | 20925 | 19 \Omega 43 | 27 m/32 | 1 m 44 | 26 II 09 | 21 5 24 | 20253 | 28 m/46 | 2 m 49 |
| 22S | 24 II 10 | 19508 | 18Ω10 | 26 m 17 | 0m.43 | 25 П 05 | 20506 | 19 221 | 27 m 31 | 1 m. 49 | 26П00 | 21505 | 20 2 3 2 | 28 m 45 | 2m.55 |
| 23S 24S | 24 Π 01 23 Π 51 | 18549 18529 | 17Ω47 17Ω24 | 26 mg 16 26 mg 14 | 0 m. 48 0 m. 54 | 24 II 56 24 II 46 | 19 9 47 | 18 N 58 18 N 35 | 27 m, 30 27 m, 29 | 1 m 55 2 m 00 | 25 II 50 25 II 41 | 20 20 20 20 | 20Ω10 19Ω47 | 28 mg 45 28 mg 44 | 3 m 00 3 m 06 |
| 25S | 23 II 42 | 18910 | 16Ω59 | 26 m 13 | 1 ML 00 | 24 11 36 | 195028 | 18 0 11 | 27 m 28 | 2 m 06 | 25 II 31 | 205027 | 198247 | 28 m 44 | 3 m. 12 |
| 26S | 23 II 42 23 II 32 | 17950 | 16.034 | 26 mg 11 | 1 m 05 | 24 II 36 24 II 26 | 18949 | 17Ω46 | 27 mg 27 | 2 m 12 | 25 II 31 | 19548 | 18Ω59 | 28 m/43 | 3 m 18 |
| 27S | 23П22 | 17529 | 16 Ω 08 | 26 m, 10 | 1 m. 11 | 24 Ц 16 | 18528 | 17 ຄ21 | 27 m, 26 | 2m.18 | 25 II 11 | 19\$28 | 18ብ34 | 28 m/43 | 3 m 25 |
| 288 | 23 II 12 | 17508 | 15 0 12 | 26 m 08 | 1m.17 | 24 II 06 | 18507 | 16Ω54 | 27 m 25 | 2 m 24 | 25 II 01 | 19507 | 18 N 08 | 28 m 42 | 3 m 31 |
| 298 | 23 II 01 | 16547 | 15 \Omega 13 | 26 m 06 | 1 m. 23 | 23 II 56 | 175346 | 16Ω27 | 27 m/24 | 2 m 31 | 24 II 50 | 18545 | 17Ω41 | 28 m/42 | 3 m. 38 |
| 30S 31S | 22 II 50 22 II 40 | 16©25 16©02 | 14Ω44 14Ω14 | 26 mg 04 26 mg 02 | 1 m 30 1 m 36 | 23 II 45 23 II 34 | 17©24 17©01 | 15Ω58 15Ω29 | 27 m/23 27 m/21 | 2 m 37 2 m 44 | 24 II 40 24 II 29 | 18©23 18©01 | 17Ω13 16Ω44 | 28 mg 41 28 mg 40 | 3 m. 44 3 m. 51 |
| 32S | 22 Д 28 | 15@39 | 13 Ω43 | 26 m 00 | 1 m. 43 | 23 Д23 | 16938 | 14 N 58 | 27 m/20 | 2m.51 | 24 Д 18 | 17938 | 16Ω14 | 28 m/40 | 3 m 58 |
| 33S | 22 II 17 | 15915 | 13 \Omega 10 | 25 m 58 | 1 m. 50 | 23 П 12 | 16514 | 14 \Omega 26 | 27 m 19 | 2 m 58 | 24 II 06 | 17514 | 15 0 10 | 28 m 39 | 4m.06 |
| 348 | 22 II 05 | 14951 | 12.037 | 25 m 56 | 1 m. 57 | 23 11 00 | 15@50 | 13 0 19 | 27 m, 17 | 3 m 05 | 23 11 54 | 16549 | 15Ω10 | 28 m/38 | 4m.13 |
| 35S 36S | 21 II 53 21 II 41 | 14©25 13©59 | 12Ω01 11Ω25 | 25 m 54 25 m 51 | 2 m 04 2 m 12 | 22 II 48 22 II 35 | 15©25 14©59 | 13Ω18 12Ω42 | 27 mg 16 27 mg 14 | 3 m 13 3 m 20 | 23 II 42 23 II 30 | 16©24 15©58 | 14Ω36 14Ω00 | 28 m/38 28 m/37 | 4m.21 4m.29 |
| 37S | 21 Д 28 | 13533 | 10Ω46 | 25 m/49 | 2 m 20 | 22 Д23 | 14532 | 12Ω04 | 27 m 12 | 3 m 29 | 23 II 17 | 15@31 | 13 A 22 | 28 m/36 | 4m.37 |
| 388 | 21 Д 15 | 13505 | 10Ω06 | 25 m 46 | 2 m 28 | 22 Д 10 | 14904 | 11 224 | | 3 m 37 | | 15904 | 12 0 43 | 28 m/35 | 4m.46 |
| 398 | 21 11 02 | 12536 | 9,023 | 25 m 43 | 2 m 36 | 21 11 56 | 13535 | 10 \alpha 42 | 27 m, 09 | 3 m. 46 | 22 11 51 | 14935 | 12002 | 28 m/34 | 4m.55 |
| 40S 41S | 20 II 48 20 II 34 | 12©06 11©36 | 8 N 39 7 N 52 | 25 m/41 25 m/38 | 2 m. 45 2 m. 54 | 21 II 42 21 II 28 | 13©06 12©35 | 9 | 27 m ₂ 07 27 m ₂ 05 | 3 m 54 4 m 04 | 22 II 37 22 II 22 | 14©05 13©34 | 11Ω18 10Ω32 | 28 m/33 28 m/32 | 5 m 04 5 m 13 |
| 42S | 20 II 19 | 11504 | 7 N 03 | 25 m/ 34 | 3 m 03 | 21 II 13 | 12503 | 8 A 23 | 27 mg 03 | 4m.14 | 22 П 07 | 13502 | 9 N 44 | 28 m/31 | 5 m 23 |
| 43S | 201104 | 10530 | 6Ω11 | 25 m 31 | 3 m 13 | 20 Д 58 | 11529 | 7£32 | 27 m 01 | 4 m 24 | 21 Д 52 | 12529 | 8£53 | 28 m 30 | 5m34 |
| 44S | 19Ⅱ48 | 9956 | 5 0 16 | 25 m/28 | 3 m. 23 | 201142 | 10955 | 6A37 | 26 m/58 | 4m.34 | 21 11 36 | 11954 | 7.059 | 28 m/29 | 5 m. 45 |
| 45S 46S | 19П32 19П14 | 9 5 20 8 5 42 | 4Ω18 3Ω17 | 25 m/24 25 m/20 | 3 m. 34 3 m. 45 | 20 II 25 20 II 08 | 10©18 9©41 | 5 N 39 4 N 38 | 26 m/56 26 m/53 | 4 m 45 4 m 57 | 21 II 19 21 II 02 | 11©18 10©40 | 7Ω02 6Ω01 | 28 m/28 28 m/26 | 5m.56 6m.08 |
| 40S 47S | 19Д14 | 8993 | 2Ω11 | 25 m 15 | 3 m 57 | 19耳50 | 99941 | 3 N 33 | 26 m 50 | 5 m 09 | 20 II 44 | 10940 | 4£56 | 28 m/ 25 | 6 m 20 |
| 48S | 18П38 | 7921 | 1 ₪ 02 | 25 m, 11 | 4m.10 | 19П31 | 8520 | 2 № 23 | 26 m/47 | 5 m 22 | 20П25 | 9518 | 3 ₪ 47 | 28 m/23 | 6m34 |
| 49S | 18 I I18 | 6938 | 29947 | 25 m, 06 | 4 m. 23 | 19П12 | 7936 | 1 № 09 | 26 m/44 | 5 m 35 | 201105 | 8935 | 2033 | 28 m/22 | 6m48 |
| 50S 51S | 17Д58 17Д36 | 5952 5904 | 28©28 27©03 | 25 m, 00 24 m, 55 | 4m.37 4m.51 | 18П51 18П29 | 6950 6902 | 29©50 28©25 | 26 m/40 26 m/36 | 5 m 50 6 m 05 | 19П44 19П23 | 7549 7500 | 1 € 14 29 © 49 | 28 mg 20 28 mg 18 | 7 m. 02 7 m. 18 |
| 51S 52S | 17 II 36 17 II 14 | 49913 | 25932 | 24 m 48 | 5m.07 | 18月29 | 5902 | 28@23 26@54 | 26 mg 32 | 6m21 | 19 II 23 19 II 00 | 6909 | 299949 28917 | 28 mg 16 | 7 m 34 |
| 53S | 16耳50 | 3520 | 23@55 | 24 m 42 | 5 m 23 | 17П43 | 4917 | 25\$16 | 26 m, 27 | 6m38 | 18Д35 | 5914 | 26539 | 28 m 13 | 7m.52 |
| 548 | 16 II 25 | 2923 | 22510 | 24 m/34 | 5m41 | 17П17 | 3920 | 23@30 | 26 m, 22 | 6m.56 | 18П10 | 4917 | 24953 | 28 m, 11 | 8m.10 |
| 55S | 15 Д 58 15 Д 30 | 1©22 0©18 | 20©17 | 24 m 26 | 6m.00 | 16 II 50 | 2519 | 21@36 19@33 | 26 m 17 | 7m.16 | 17Π43 | 3915 | 22©58 20©54 | 28 m 08 | 8 m. 31 8 m. 52 |
| 56S 57S | 15 II 30 14 II 59 | 29月09 | 18©15 16©04 | 24 mg 17 24 mg 06 | 6m.21 6m.42 | 16П22 15П51 | 1513 0504 | 19533 | 26 mg 11 26 mg 04 | 7 m 37 7 m 59 | 17 II 14 16 II 43 | 2510 0559 | 20@54 18@39 | 28 mg 05 28 mg 02 | 9 m 15 |
| 58S | 14П27 | 27Д55 | 135642 | 23 m 55 | 7m.06 | 15П18 | 28П49 | 14956 | 25 m 56 | 8m24 | 16耳09 | 29П44 | 16513 | 27 m/58 | 9m41 |
| 598 | 13 Д 52 | 26Ц35 | 115609 | 23 mg 42 | 7 m.32 | 14 Д 43 | 27П28 | 12©21 | 25 m/48 | 8m.51 | 15 II 34 | 28 Д 22 | 13534 | 27 m/54 | 10m.08 |
| 60S | 13 П 14 | 25 Д 10 | 8524 | 23 m 27 | 8m.01 | 14 Д 04 | 26П01 | 9532 | 25 m 38 | 9 m 20 | 14 Д 55 | 26 Д 54 | 10942 | 27 m 49 | 10m.39 |
| 61S 62S | 12 П 33 11 П 48 | 23 II 36 21 II 55 | 5©26 2©14 | 23 mg 10 22 mg 50 | 8 m 32 9 m 07 | 13 Д22 12 Д37 | 24 II 27 22 II 44 | 6 9 30 3 9 14 | 25 m/26 25 m/13 | 9 m. 52 10 m. 28 | 14 II 12 13 II 26 | 25 II 18 23 II 33 | 7936 4915 | 27 m/43 27 m/36 | 11m.12 11m.49 |
| 63S | 10II 58 | 20 Д 04 | 28П49 | 22 m/ 27 | 9m.46 | 11 Д46 | 20 Д 50 | 29П43 | 24 m 58 | 11 m 08 | 12 Д 35 | 21 Д38 | 0938 | 27 m/ 28 | 12m.31 |
| 64S | 10П03 | 18п02 | 25П09 | 21 m 59 | 10m.30 | 10Д50 | 18П46 | 25 Ц 57 | 24 m/39 | 11 m 54 | 11 I I37 | 19Д30 | 26Ц45 | 27 m, 19 | 13 m 18 |
| 65S | 9П00 | 15П46 | 21 Ц 16 | 21 m/24 | 11 m. 20 | 9П46 | 16П27 | 21 Д 56 | 24 m 16 | 12m.46 | 10П32 | 17П08 | 22 Д 37 | 27 m/08 | 14m.12 |
| 66S | 7П49 7П04 | 13 II 16 11 II 45 | 17 ц 10 14 ц 47 | 20 m 41 | 12 m 19 | 8Π33 7Π47 | 13 Д 52 12 Д 19 | 17 II 43 15 II 15 | 23 m/47 23 m/27 | 13 m 48 | 9П17 8П29 | 14 П 29 12 П 53 | 18 Π 15 | 26 m 53 26 m 43 | 15 m 16 15 m 58 |
| pc | /Д04 | 11Д43 | 14Д4/ | 20 m, 12 | 12 m 57 | 7 Д 47 | 12Ц19 | 15Щ15 | / 2 آبار د 2 | 14m.28 | ощ29 | 12ДЗЗ | 15Ⅱ43 | 20 lig 43 | 1511638 |

| | Sid.Tir MC: | | 0m AR 05'22 | MC: 60 | °00' | Sid.Tir MC: | | 4m AR 12'37 | MC: 61 | °00' | Sid.Tir MC: | | 8m AR 59'43 | MC: 62 | 2°00' |
|------------|----------------------|---------------------------------|------------------------------|-------------------|----------------------|----------------------------|----------------------------------|------------------------------|--------------------------------|--------------------|----------------------|----------------------------------|------------------------------|--------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0000 | 27554 | 27 û 49 | 0₽00 | 2 m 10 | 0955 | 28552 | 28£51 | 1 2 05 | 3 m 13 | 1950 | 29549 | 29 A 54 | 2 2 10 | 4m.15 |
| 1S | 29П52 | 275540 | 27£35 | 0₽00 | 2m.15 | 0947 | 28537 | 28 A 38 | 1 2 0 5 | 3 m 17 | 19542 | 29\$35 | 29⋒41 | 2 △ 11 | 4m20 |
| 2S | 29П44 | 27925 | 27.021 | 0₽00 | 2m.19 | 0939 | 28523 | 28 225 | 1 2 06 | 3 m 22 | 1934 | 29521 | 29 228 | 2 <u>0</u> 12 | 4 m 25 |
| 3S 4S | 29 II 36 29 II 28 | 27©11 26©56 | 27 \Omega 07 26 \Omega 53 | 0호00 0호00 | 2 m 24 2 m 29 | 0 0 0 9 3 1 | 28508 27554 | 28 A 11 27 A 57 | 1요06 1요06 | 3 m 27 3 m 31 | 1 5 2 6 1 5 1 8 | 29©06 28©52 | 29 A 15 | 2 <u>⊕</u> 12 2 <u>⊕</u> 13 | 4m.29 4m.34 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 29 II 20 29 II 12 | 26©41 26©27 | 26Ω39 26Ω24 | 0호00 0호00 | 2 m. 33 2 m. 38 | 0න15 0න07 | 27©39 27©25 | 27 Ω 43 27 Ω 29 | 1요07 1요07 | 3 m 36 3 m 41 | 1©10 1©02 | 28 5 37 28 5 23 | 28 A 48 28 A 34 | 2 <u>⊶</u> 14 2 <u>⊶</u> 14 | 4 m 39 4 m 44 |
| 7S | 29П04 | 26912 | 26Ω09 | 0 ₾ 00 | 2 m 43 | 29 Д 59 | 27910 | 27 Ω 14 | 1 2 07 | 3 m. 46 | 0954 | 28908 | 28 N 20 | 2 - 1 - 1 5 | 4m.49 |
| 8S | 28П55 | 25957 | 25 Ω 54 | 0₽00 | 2 m 47 | 29П50 | 26955 | 27Ω00 | 1 2 08 | 3 m 51 | 0946 | 27953 | 28205 | 2 2 16 | 4 m 54 |
| 9S | 28 I I47 | 25941 | 25⋒38 | 0₽00 | 2 m 52 | 29П42 | 26ණ40 | 26⋒44 | 1 ₾ 08 | 3 m 56 | 0937 | 27ഇ38 | 27£51 | 2 ≏ 17 | 4m59 |
| 10S | 28П39 | 25\$26 | 25⋒23 | 0₽00 | 2m.57 | 29П34 | 26524 | 26⋒29 | 1 🕰 08 | 4m.01 | 0929 | 27ණ23 | 27£36 | 2 🕰 17 | 5m04 |
| 11S | 28П31 | 25©10 | 25⋒07 | 0₽00 | 3 m 02 | 29П26 | 26509 | 26 N 14 | 1 △ 09 | 4m.06 | 0921 | 27508 | 27£21 | 2 ≏ 18 | 5m09 |
| 12S | 28 II 23 | 24955 | 24 \Omega 50 | 0₽00 | 3 m 07 | 29 Д 18 | 25953 | 25 A 58 | 1 2 09 | 4m.11 | 0513 | 26552 | 27 0.05 | 2 <u>0</u> 19 | 5m.14 |
| 13S 14S | 28 II 14 28 II 06 | 24©39 24©23 | 24 \Omega 34 24 \Omega 16 | 0호00 0호00 | 3 m. 12 3 m. 17 | 29 II 09 29 II 01 | 25@37 25@21 | 25 Ω41 25 Ω25 | 1요10 1요10 | 4m.16 4m.21 | 0©04 29∏56 | 26 5 36 26 5 20 | 26 A 49 26 A 33 | 2 <u>2</u> 20 | 5 m 20 5 m 25 |
| | | 24906 | | | | | 25905 | | | | 29 II 47 | | | | |
| 15S 16S | 27 II 57 27 II 49 | 23950 | 23 \Omega 59 23 \Omega 41 | 0호00 0호00 | 3 m 22 3 m 27 | 28 II 52 28 II 44 | 23903 | 25 \Omega 08 24 \Omega 50 | 1요10 1요11 | 4 m 26 4 m 32 | 29 Д 39 | 26©04 25©48 | 26Ω17 26Ω00 | 2 <u>2</u> 21 | 5 m 30 5 m 36 |
| 17S | 27 II 40 | 23933 | 23 & 23 | 0호00 | 3 m 32 | 28 Д 35 | 24932 | 24 £ 32 | 1 <u>-</u> 11 | 4m.37 | 29 Д 30 | 25931 | 25 Ω 42 | 2 - 23 | 5m41 |
| 18S | 27П31 | 23516 | 23 A 04 | 0 ₽ 00 | 3 m. 38 | 28П26 | 24915 | 24 N 14 | 1 ₾ 12 | 4 m. 43 | 29П21 | 25\$14 | 25 Ω 24 | 2 2 24 | 5m47 |
| 19S | 27П22 | 22\$58 | 22 A 45 | 0ჲ00 | 3 m.43 | 28 Д 17 | 2358 | 23 A 55 | 1 ≏ 12 | 4m.48 | 29П12 | 24957 | 25 A 06 | 2 ≏ 25 | 5 m 53 |
| 20S | 27П13 | 225641 | 22 û 25 | 0₽00 | 3 m.49 | 28П08 | 23540 | 23 A 36 | 1 ≏ 13 | 4 m 54 | 29П03 | 24540 | 24 <i>Ω</i> 47 | 2 ≏ 26 | 5 m 59 |
| 21S | 27П04 | 22523 | 22004 | 0₽00 | 3 m. 55 | 27 Д 59 | 23522 | 23 A 16 | 1 | 5m.00 | 28 Д 54 | 24522 | 24 \O 28 | 2 ≏ 27 | 6m.05 |
| 22S | 26II55 | 22504 | 21 0 43 | 0 ₽ 00 | 4m.00 | 27 II 50 | 23504 | 22 \Omega 55 | 1 <u>0</u> 14 | 5m.06 | 28 Д 45 | 24504 | 24 \O 08 | 2 € 28 | 6m.11 |
| 23S 24S | 26 II 45 26 II 36 | 21 21 21 21 21 | 21 \Omega 22 21 \Omega 00 | 0호00 0호00 | 4m.06 4m.12 | 27 II 40 27 II 31 | 22 9 45 22 9 26 | 22 \Omega 34 22 \Omega 12 | 1요14 1요15 | 5 m 12 5 m 18 | 28 II 35 28 II 25 | 23 5 45 23 5 26 | 23 \Omega 47 23 \Omega 26 | 2 <u>a</u> 29 | 6m.17 6m.23 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 26 II 26 26 II 16 | 21©07 20©47 | 20Ω37 20Ω13 | 0호00 0호00 | 4 m. 18 4 m. 25 | 27 II 21 27 II 11 | 22©07 21©47 | 21 Ω 50 21 Ω 27 | 1 ≏ 15 | 5 m 24 5 m 30 | 28 II 16 28 II 06 | 23©07 22©47 | 23 \Quad 04 22 \Quad 41 | 2 <u>0</u> 31 | 6m30 6m36 |
| 27S | 26 II 06 | 209947 | 19Ω48 | 0호00 | 4 m 31 | 27 II 11 27 II 01 | 219947 | 21 a 03 | 1 2 16 | 5 m 37 | 27 II 56 | 225527 | 220141 22017 | 2 € 32 | 6m.43 |
| 28S | 25II56 | 20ഇ06 | 19ຄ23 | 0₽00 | 4m.37 | 26耳50 | 21506 | 20 ຄ38 | 1 ≏ 17 | 5 m 44 | 27 Д 45 | 22506 | 21 253 | 2 ≏ 34 | 6m.50 |
| 29S | 25 II 45 | 19545 | 18£56 | 0₽00 | 4 m 44 | 26 II 40 | 20ණ45 | 20 A 12 | 1 ≏ 17 | 5m.51 | 27П35 | 21 5 45 | 21 A 28 | 2 ≏ 35 | 6m57 |
| 30S | 25 Д 34 | 19523 | 18⋒29 | 0₽00 | 4m.51 | 26П29 | 20ഇ23 | 19⋒45 | 1 ≏ 18 | 5 m 58 | 27П24 | 21 5 23 | 21 201 | 2 ≏ 36 | 7m.04 |
| 31S | 25 Д 23 | 19501 | 18Ω00 | 0 ₪ 00 | 4m.58 | 26 Д 18 | 20501 | 19Ω17 | 1 □ 19 | 6m.05 | 27 Д 13 | 21501 | 20ω34 | 2 <u>0</u> 38 | 7m.12 |
| 32S 33S | 25 II 12 25 II 01 | 18©38 18©14 | 17Ω31 17Ω00 | 0호00 0호00 | 5 m 05 5 m 13 | 26 II 07 25 II 55 | 19538 19514 | 18Ω48 18Ω17 | 1요19 1요20 | 6m.12 6m.20 | 27 II 02 26 II 50 | 20©38 20©14 | 20Ω06 19Ω36 | 2 <u>0</u> 39 2 <u>0</u> 40 | 7 m 19 7 m 27 |
| 34S | 24 II 49 | 179549 | 16£27 | 0판00 | 5 m 21 | 25 II 33 25 II 44 | 18950 | 17Ω46 | 1 2 20 | 6m.28 | 26 II 38 | 19950 | 19805 | 2 <u>2 4</u> 0 | 7 m 35 |
| 35S | 24 Д 37 | 17524 | 15Ω54 | 0호00 | 5 m. 29 | 25 II 31 | 18924 | 17Ω13 | 1 2 21 | 6m.36 | 26 11 26 | 19\$25 | 18ູດ32 | 2 △ 43 | 7 m. 44 |
| 36S | 24 II 24 | 16958 | 15 19 | 0 ₾ 00 | 5 m 37 | 25 II 19 | 17959 | 16Ω38 | 1 222 | 6m.45 | 26 II 14 | 18959 | 17Ω58 | 2 <u></u> 45 | 7 m 52 |
| 37S | 24 II 12 | 16531 | 14⋒42 | 0₽00 | 5 m 45 | 25 II 06 | 17532 | 16Ω02 | 1 | 6m.53 | 26П01 | 18532 | 17 <i>ω</i> 23 | 2 🕰 47 | 8m.01 |
| 38S | 23 Д 58 | 16504 | 14Ω03 | 000 | 5m.54 | 24 Д 53 | 17504 | 15 Ω 24 | 1 24 | 7 m 02 | 25 Д 47 | 18505 | 16Ω45 | 2 <u>4</u> 8 | 8m.10 |
| 39S | 23 Д 45 | 15935 | 13 A 22 | 0 2 00 | 6m.03 | 24П39 | 16935 | 14Ω44 | 1 ≏ 25 | 7 m. 12 | 25 Д 34 | 17536 | 16 Ω 06 | 2 ₾ 50 | 8m.20 |
| 40S | 23 Д 31 | 15905 | 12Ω39 | 0 ₽ 00 | 6m.13 | 24П25 | 16905 | 14Ω01 | 1 26 | 7 m 22 | 25 Д 20 | 17506 | 15Ω24 | 2 ⊆ 52 | 8m.30 |
| 41S 42S | 23 II 16 23 II 01 | 14©34 14©02 | 11Ω54 11Ω06 | 0호00 0호00 | 6 m. 23 6 m. 33 | 24 II 11 23 II 56 | 15©35 15©02 | 13 Ω 17 12 Ω 30 | 1 <u>⊕</u> 27 1 <u>⊕</u> 28 | 7 m 32 7 m 42 | 25 II 05 24 II 50 | 16©35 16©03 | 14Ω40 13Ω54 | 2 <u>2</u> 54 2 <u>2</u> 56 | 8m.40 8m.51 |
| 42S 43S | 22 II 46 | 13529 | 10Ω16 | 0판00 | 6m.44 | 23 II 40 | 14929 | 128630 11Ω40 | 1 2 2 9 | 7 m 53 | 24 II 30 24 II 34 | 15930 | 13 N 05 | 2 <u>2</u> 59 | 9m.02 |
| 44S | 22 Д 30 | 12554 | 9 N 22 | 0호00 | 6m.55 | 23 Д 16 | 13554 | 10Ω47 | 1 - 2 3 0 | 8 m 05 | 24 Д 18 | 14955 | 12Ω13 | 3 ₾ 01 | 9m.14 |
| 45S | 22 П 13 | 12517 | 8£26 | 0호00 | 7m.06 | 23 Д 07 | 13518 | 9⋒51 | 1 ≙ 31 | 8m.17 | 24П01 | 14518 | 11Ω17 | 3 ₾ 03 | 9m.26 |
| 46S | 21Д56 | 11539 | 7ຄ25 | 0 ₽ 00 | 7m.19 | 22 Д 50 | 12540 | 8 N 51 | 1 ₾ 33 | 8m.29 | 23 Д 44 | 13540 | 10 Q 18 | 3 ₾ 06 | 9m39 |
| 47S | 21 Д 37 | 11500 | 6Ω21 | 0₽00 | 7 m 32 | 22 Д 31 | 12500 | 7.047 | 1 2 34 | 8m.42 | 23 Д 25 | 13500 | 9Ω14 | 3 ₾ 09 | 9m.53 |
| 48S | 21 II 18 | 10518 | 5Ω12 | 0 2 00 | 7 m 45 | 22 II 12 | 115518 | 6Ω38 | 1 <u>0</u> 36 | 8 ML 56 | 23 Д 06 | 12518 | 8£06 | 3 <u>0</u> 12 | 10m.07 |
| 49S | 20П59 | 9534 | 3.058 | 0₽00 | 7 m. 59 | 21 11 52 | 10534 | 5 N 25 | 1 | 9m.11 | 22 11 46 | 11534 | 6 N 54 | 3 <u>0</u> 15 | 10m.22 |
| 50S | 20 II 38 20 II 16 | 8548 7650 | 2Ω39 1Ω14 | 0 5 00 | 8m.14 | 21 II 31 21 II 09 | 99547 | 4Ω06 | 1 △ 39 | 9 m 26 9 m 42 | 22 II 25 22 II 03 | 10547 | 5Ω35 | 3 <u>0</u> 19 | 10m37 10m54 |
| 51S 52S | 20 II 16 19 II 53 | 7959 7907 | 29543 | 0호00 0호00 | 8 m. 30 8 m. 47 | 21 II 09 20 II 46 | 8958 8906 | 2Ω41 1Ω10 | 1 △ 41 1 △ 43 | 10 m 00 | 22 II 03 21 II 39 | 9 9 58 | 4Ω11 2Ω39 | 3 <u>⊕</u> 23 3 <u>⊕</u> 27 | 10 m 54 |
| 53S | 19П28 | 6513 | 28504 | 0 € 00 | 9m.05 | 20 Д 21 | 7911 | 29531 | 1 2 46 | 10 m 18 | 21 Д 14 | 8510 | 1000 | 3 <u>□</u> 32 | 11 m. 31 |
| 54S | 19п02 | 5গু14 | 26ഇ17 | 0호00 | 9m24 | 19П55 | 6©13 | 27ഇ44 | 1 ≙ 48 | 10m.38 | 20П48 | 7গু12 | 29ഇ13 | 3 <u>⊶</u> 37 | 11 m.51 |
| 55S | 18П35 | 4512 | 24ഇ22 | 0호00 | 9m45 | 19П28 | 5910 | 25ഇ47 | 1 ≙ 51 | 10m.59 | 20П20 | 6909 | 27ഇ16 | 3 <u>⊶</u> 42 | 12 m 13 |
| 56S | 18Д06 | 3506 | 22516 | 0₽00 | 10m.07 | 18Д58 | 4903 | 235641 | 1 2 54 | 11 m.22 | 19П51 | 5901 | 25©08 | 3 <u>₽</u> 48 | 12m36 |
| 57S | 17Д35 | 1955 | 20000 | 0 ₽ 00 | 10m.31 | 18 Д 27 | 2952 | 21 5 23 | 1 2 57 | 11 m. 47 | 19П19 | 3549 | 22549 | 3 <u>≏</u> 55 | 13 m.01 |
| 58S 59S | 17Д01 16Д25 | 0 ⊚ 39 29 Ⅱ 16 | 17932 14950 | 0호00 0호00 | 10 m. 57 11 m. 26 | 17Д53 17Д16 | 1935 0911 | 18©53 16©09 | 2 <u>0</u> 01 | 12 m 13 12 m 42 | 18耳45 18耳08 | 2 9 31 | 20©17 17©30 | 4요03 4요11 | 13 m. 29 13 m. 59 |
| 60S | 15 II 45 | 27 II 47 | | 0호00 | 11 m. 57 | 16Д36 | 28 II 41 | 13910 | 2 = 00 2 = 10 | 13 m. 14 | 17 Д 27 | 29 Д 35 | | 4 <u>=</u> 11 | 14m.31 |
| 60S 61S | 15 II 45 15 II 03 | 2/H4/ 26H09 | 11©55 8©44 | 0호00 0亚00 | 11 m 5/ 12 m 31 | 16 Д 36 15 Д 53 | 28 II 41 27 II 02 | 1350 9555 | 2 <u>₽</u> 10 | 13 m 14 13 m 50 | 1/Ц2/ 16Ц43 | 29 II 35 27 II 55 | 14©27 11©08 | 4 <u>₽</u> 21 4 <u>₽</u> 33 | 14 m 31 15 m 08 |
| 62S | 14 II 15 | 24 II 23 | 5918 | 0판00 | 13 m 09 | 15 II 05 | 27 II 02 25 II 13 | 6 9 8 3 3 | 2 € 23 | 14 m 29 | 15 II 55 | 26 II 04 | 7931 | 4 <u>2</u> 33 | 15 m. 48 |
| 63S | 13 Д 23 | 22 Д 25 | 1935 | 0 ₪ 00 | 13 m 52 | 14 Д 12 | 23 Д 14 | 2934 | 2-231 | 15 m 13 | 15 Д 01 | 24 Д 03 | 3935 | 5 ₾ 02 | 16m.34 |
| 64S | 12П25 | 20 Д 15 | 27П35 | 0ჲ00 | 14m.41 | 13 Д 12 | 21Д01 | 28П27 | 2 ≏ 40 | 16m04 | 14Д00 | 21 Д47 | 29П19 | 5 🖴 20 | 17m.26 |
| 65S | 11 Д 18 | 17Д50 | 23 Д 19 | 0₽00 | 15 m 37 | 12 Д 04 | 18Д31 | 24П02 | 2 ≏ 51 | 17m.02 | 12Д50 | 19П14 | 24П46 | 5 ≏ 43 | 18m.26 |
| 66S | 10Д01 | 15Д06 | 18П48 | 0₽00 | 16m.44 | 10 Д 45 | 15 Д 43 | 19п22 | 3 ≏ 06 | 18 m. 12 | 11 Д29 | 16 Д 20 | 19П56 | 6 △ 12 | 19m39 |
| pc | 9п12 | 13 Д 27 | 16П11 | 0₽00 | 17m.28 | 9Д54 | 14П00 | 16П39 | 3 ≏ 16 | 18m.57 | 10Д36 | 14 Д 34 | 17Ц06 | 6₽32 | 20m27 |
| C 1 1 | | 1 1 | the mean e | 1: 4: C | 1.1 | 2000 | 202621 | 1 . 1 | () (() | 221200 | | | | | |

| | Sid.Tir MC: | | 2m AR 56'41 | MC: 63 | °00' | Sid.Tir MC: | | 6m AR 53'32 | MC: 64 | ·°00' | Sid.Tii MC: | ne: 4h20 | 0m AR 50'14 | CMC: 65 | 5°00' |
|------------|----------------------|----------------------|---------------------|--------------------------------|----------------------|----------------------|----------------------|------------------------------|--------------------------------|--------------------|---------------------------------|----------------------|----------------------------|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2945 | 0Ω47 | 0 m ₂ 57 | 3 ≏ 16 | 5m17 | 3540 | 1 2 4 5 | 2 m, 00 | 4 <u>₽</u> 21 | 6m.19 | 4935 | 2 N 43 | 3 mg 03 | 5 ≏ 26 | 7m21 |
| 18 | 2537 | 0ຄ33 | 0 mg 44 | 3 ₾ 17 | 5 m 22 | 3532 | 1.031 | 1 m/48 | 4 <u>0</u> 22 | 6m24 | 4927 | 2 \Omega 29 | 2 m/51 | 5 <u>0</u> 28 | 7m.26 |
| 2S 3S | 2 9 29 | 0Ω19 0Ω04 | 0 mg 32 0 mg 19 | 3 <u>₽</u> 18 | 5 m 27 5 m 32 | 3524 3516 | 1Ω17 1Ω03 | 1 m/35 1 m/23 | 4 <u>요</u> 24 4 <u>요</u> 25 | 6 m 29 6 m 34 | 4519 4511 | 2Ω15 2Ω01 | 2 m/39 2 m/27 | 5 ⊕ 30 | 7m31 7m36 |
| 4S | 29513 | 29\$50 | 0 mg 06 | 3 ♣ 19 | 5 m 37 | 3508 | 0Ω48 | 1 mg 23 | 4 <u>≈</u> 23 | 6m39 | 4903 | 1 \O 47 | 2 m/ 15 | 5 € 33 | 7 m 41 |
| 5S | 2905 | 29\$36 | 29 ຄ 53 | 3 ≏ 21 | 5 m 42 | 3500 | 0ຄ34 | 0 m ₂ 58 | 4 ≏ 28 | 6m.44 | 3955 | 1 233 | 2 m 03 | 5 ≙ 35 | 7m.46 |
| 6S | 1957 | 29521 | 29 239 | 3 ₾ 22 | 5 m. 47 | 2952 | 0Ω20 | 0 mg 45 | 4 <u>₽</u> 29 | 6m.49 | 3937 | 1Ω18 | 1 m 50 | 5 - 37 | 7 m 52 |
| 7S | 19649 | 29907 | 29 A 25 | 3 ₾ 23 | 5 m 52 | 29544 | 0⋒05 | 0 mg 31 | 4₽31 | 6m.54 | 3539 | 1 Ω 04 | 1 m/37 | 5 ≏ 38 | 7m57 |
| 8S 9S | 19541 | 28552 | 29 A 12 | 3 ₾ 24 | 5 m 57 | 2536 | 29551 | 0 m, 18 | 4 <u>0</u> 32 | 7m.00 | 3531 | 0.050 | 1 m 24 | 5 <u>₽</u> 40 | 8 m 02 |
| | 1932 | 28537 | 28.0.57 | 3 <u>0</u> 25 | 6m.02 | 2528 | 29536 | 0 m, 04 | 4 <u>0</u> 34 | 7 m 05 | 3523 | 0.035 | 1 mg 11 | 5 ≏ 42 | 8 m. 08 |
| 10S 11S | 1 ଦ୍ର24 1 ଦ୍ର16 | 28©22 28©07 | 28 A 43 28 A 28 | 3 <u>⊕</u> 26 3 <u>⊕</u> 27 | 6m.07 6m.13 | 2519 2511 | 29 © 21 | 29 N 50 29 N 36 | 4 <u>0</u> 35 4 <u>0</u> 37 | 7 m 10 7 m 16 | 35914 35906 | 0Ω20 0Ω05 | 0 mp 58 0 mp 44 | 5 ≗ 44 5 ≗ 46 | 8 m. 13 8 m. 19 |
| 12S | 1908 | 27951 | 28 A 13 | 3 <u>□</u> 28 | 6m.18 | 2503 | 28950 | 29 N 21 | 4 <u>0</u> 38 | 7 m 21 | 2958 | 29\$50 | 0 mg 30 | 5 - 48 | 8 m. 24 |
| 13S | 0ഇ59 | 27935 | 27£58 | 3 ₾ 30 | 6m23 | 1954 | 28935 | 29 A 06 | 4≗40 | 7 m 27 | 2950 | 29\$34 | 0 mg 15 | 5≗50 | 8m30 |
| 14S | 0ഇ51 | 27520 | 27 A 42 | 3 ≏ 31 | 6m29 | 19546 | 28519 | 28 A 51 | 4 <u>₽</u> 41 | 7 m 32 | 25641 | 29519 | 0 mg 00 | 5 ≏ 52 | 8m.36 |
| 15S | 0942 | 27504 | 27Ω26 | 3 ₾ 32 | 6m.34 | 1937 | 28903 | 28 A 35 | 4 <u>0</u> 43 | 7m.38 | 2533 | 29503 | 29 \Omega 45 | 5 ≏ 54 | 8m.41 |
| 16S 17S | 0ණ34 0ණ25 | 26547 26531 | 27 N 09 26 N 52 | 3 <u>⊕</u> 33 | 6 m 40 6 m 46 | 1 5 2 9 1 5 2 0 | 27947 27931 | 28 A 19 | 4 <u>요</u> 45 4 <u>요</u> 46 | 7 m 44 7 m 49 | 2©24 2©15 | 28547 28531 | 29Ω30 29Ω14 | 5 ≏ 56 5 ≏ 58 | 8 m. 47 8 m. 53 |
| 18S | 0923 0916 | 269514 | 26£35 | 3 2 36 | 6m.51 | 19520 | 279514 | 27 N 46 | 4 <u>≈</u> 48 | 7 m 55 | 2506 | 28551 | 28 N 57 | 6 ≗ 00 | 8 m 59 |
| 19S | 0907 | 25\$57 | 26 a 17 | 3 ≏ 37 | 6m.57 | 1 5 0 2 | 26ඉ57 | 27 ຄ29 | 4≗50 | 8m.01 | 1957 | 27\$57 | 28 N 40 | 6₽02 | 9m05 |
| 20S | 29П58 | 25©39 | 25 A 59 | 3 ₾ 39 | 7 m 03 | 053 | 26ණ40 | 27 a 11 | 4≗52 | 8 m 08 | 15548 | 275640 | 28 Q 23 | 6₽05 | 9m.12 |
| 218 | 29 II 49 | 25922 | 25 \Q 40 | 3 ₾ 40 | 7m.09 | 0944 | 26522 | 26 252 | 4 <u>₽</u> 54 | 8m.14 | 1939 | 27522 | 28 \O 05 | 6207 | 9m.18 |
| 22S 23S | 29 II 40 29 II 30 | 25©04 24©45 | 25 Ω 20 25 Ω 00 | 3 <u>⊕</u> 42 3 <u>⊕</u> 43 | 7 m 15 7 m 22 | 0935 0925 | 26©04 25©46 | 26Ω33 26Ω14 | 4 <u>₽</u> 56 4 <u>₽</u> 58 | 8 m 20 8 m 27 | 1 5 3 0 1 5 2 0 | 27504 26546 | 27Ω47 27Ω28 | 6 ♀ 09 | 9m.24 9m.31 |
| 24S | 29П20 | 24526 | 24 \Omega 39 | 3 <u>0</u> 45 | 7 m 28 | 0915 | 25@27 | 25 Ω 54 | 5≗00 | 8 m 33 | 19511 | 26528 | 27Ω08 | 6₽14 | 9m.38 |
| 25S | 29П11 | 24507 | 24Ω18 | 3 ≏ 46 | 7 m 35 | 0906 | 25ഇ08 | 25 ຄ33 | 5 🖴 02 | 8 m. 40 | 1991 | 26509 | 26Ω48 | 6 ≏ 17 | 9m45 |
| 26S | 29П01 | 23548 | 23 A 56 | 3 <u>₽</u> 48 | 7m42 | 29П56 | 24948 | 25 Q 11 | 5≗04 | 8m47 | 0ഇ51 | 25549 | 26 Q 27 | 6₽20 | 9m52 |
| 27S | 28 II 51 | 23527 | 23 0 33 | 3 2 50 | 7m.48 | 29 П 46 | 24528 | 24 \Q 49 | 5 2 06 | 8m.54 | 0941 | 25@29 | 26Ω05 25 0.43 | 6 ₾ 23 | 9m.59 |
| 28S 29S | 28 Π 40 28 Π 30 | 23©07 22©46 | 23 Ω 09 22 Ω 44 | 3 <u>⊕</u> 51 3 <u>⊕</u> 53 | 7 m 56 8 m 03 | 29 II 35 29 II 25 | 24©08 23©47 | 24 \Omega 26 24 \Omega 02 | 5요08 5요11 | 9m.01 9m.08 | 0 0 0 0 0 0 0 | 25©09 24©48 | 25 Ω 43 25 Ω 19 | 6 <u>₽</u> 25 | 10m.06 10m.14 |
| 30S | 28 П 19 | 22524 | 22 \alpha 19 | 3 - 55 | 8 m. 10 | 29 П 14 | 23925 | 23 \Omega 37 | 5 - 13 | 9 m. 16 | 0509 | 24526 | 24Ω55 | 6-232 | 10 m. 22 |
| 31S | 28日08 | 22502 | 21 \Omega 52 | 3 ⊆ 57 | 8 m. 18 | 29 Д 03 | 23903 | 23 \Quad 10 | 5-16 | 9m.24 | 29 Д 58 | 24504 | 24033 | 6≗35 | 10 m 29 |
| 32S | 27П56 | 21539 | 21 224 | 3 ₾ 59 | 8m.26 | 28П51 | 22540 | 22 N 43 | 5 🕰 19 | 9m.32 | 29П46 | 23 5 42 | 24 \O3 | 6₽38 | 10m.38 |
| 33S 34S | 27 Π 45 27 Π 33 | 21©15 20©51 | 20 N 55 20 N 25 | 4요01 4요03 | 8 m. 34 8 m. 42 | 28 II 40 28 II 28 | 22©17 21©52 | 22 Ω 15 21 Ω 45 | 5 ⊕ 21 5 ⊕ 24 | 9 m 40 9 m 49 | 29 II 35 29 II 23 | 23518 | 23 Ω35 23 Ω07 | 6 ♀ 42 6 ♀ 45 | 10m.46 10m.55 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 27Π21 27Π08 | 20©26 20©00 | 19Ω53 19Ω20 | 4요05 4요08 | 8m.51 8m.59 | 28 II 16 28 II 03 | 21©27 21©02 | 21 Ω 14 20 Ω 42 | 5 ♀ 27 5 ♀ 30 | 9 m 57 10 m 06 | 29П11 28П58 | 22529 | 22 \Quad 36 22 \Quad 04 | 6 ₽ 49 | 11 m. 04 11 m. 13 |
| 37S | 26П55 | 19533 | 18Ω45 | 4 ₾ 10 | 9m09 | 27II50 | 20ഇ35 | 20Ω07 | 5 ≏ 34 | 10m.16 | 28 Д 45 | 21 5 37 | 21 231 | 6₽57 | 11 m 22 |
| 38S | 26 II 42 | 19506 | 18.008 | 4 <u>0</u> 13 | 9m.18 | 27 Д 37 | 20907 | 19 2 3 1 | 5 <u>0</u> 37 | 10 m 25 | 28 Д 32 | 21509 | 20256 | 7≗01 | 11 m. 32 |
| 39S | 26Ⅲ28 | 18937 | 17Ω29 | 4≗16 | 9m.28 | 27 11 23 | 19539 | 18Ω54 | 5 ≙ 41 | 10m.35 | 28 Д 18 | 20541 | 20Ω19 | 7≗06 | 11 m.43 |
| 40S 41S | 26 II 14 26 II 00 | 18©07 17©37 | 16Ω48 16Ω05 | 4 <u>₽</u> 18 4 <u>₽</u> 21 | 9m38 9m49 | 27 II 09 26 II 54 | 19©09 18©38 | 18Ω13 17Ω31 | 5 ≗ 45 5 ≗ 49 | 10m.46 10m.57 | 28 II 04 27 II 49 | 20©11 19©40 | 19Ω40 18Ω58 | 7 ≏ 11 7 ≏ 16 | 11 m.53 12 m.04 |
| 42S | 25 II 44 | 179537 | 15 Ω 20 | 4 <u>₽</u> 21 | 10m.00 | 26 II 39 | 18906 | 16Ω46 | 5 € 53 | 11 m 08 | 27 Д 34 | 19508 | 18Ω14 | 7 = 10 | 12 m 16 |
| 43S | 25П29 | 16531 | 14Ω31 | 4₽28 | 10m.11 | 26 Д23 | 17532 | 15 Q 59 | 5≗57 | 11 m 20 | 27П18 | 18535 | 17Ω27 | 7 ≏ 26 | 12m28 |
| 44S | 25 II 12 | 15956 | 13 Q 40 | 4₽31 | 10m.23 | 26П07 | 16958 | 15 A 08 | 6₽02 | 11m.32 | 27П01 | 18500 | 16 . 037 | 7≗32 | 12 m.40 |
| 45S | 24II 55 | 15519 | 12 \Omega 45 | 4 <u>0</u> 35 | 10m.36 | 25 II 50 | 16921 | 14Ω14 | 6 2 07 | 11 m 45 | 26 П 44 | 17523 | 15 \Omega 44 | 7 <u>요</u> 39 7 <u>요</u> 45 | 12 m. 53 13 m. 07 |
| 46S 47S | 24 II 38 24 II 19 | 149641 149601 | 11Ω46 10Ω43 | 4요39 4요44 | 10 m. 49 11 m. 03 | 25 II 32 25 II 13 | 15©43 15©03 | 13Ω16 12Ω14 | 6 <u>요</u> 12 | 11 m.58 12 m.12 | 26 II 26 26 II 08 | 16©45 16©05 | 14Ω47 13Ω46 | 7 <u>4</u> 45 7 <u>2</u> 52 | 13 m 21 |
| 48S | 24II 00 | 13519 | 9ຄ36 | 4≗48 | 11m17 | 24 II 54 | 14520 | 11 Q 07 | 6 ≏ 24 | 12 m 27 | 25 Д 48 | 15©22 | 12 <i>û</i> 40 | 8≖00 | 13 m 36 |
| 49S | 23 11 40 | 12535 | 8ຄ24 | 4≗53 | 11 m 32 | 24 Д34 | 13936 | 9⋒56 | 6₽31 | 12 m 43 | 25П28 | 14538 | 11 Q 30 | 8호08 | 13 m 52 |
| 50S | 23 II 19 | 115548 | 7£06 | 4 <u>0</u> 59 | 11 m.48 | 24 II 12 | 12549 | 8 N 39 | 6₽38 | 12 m 59 | 25 Д 06 | 13551 | 10Ω13 | 8 ≏ 17 | 14m.09 |
| 51S 52S | 22 II 56 22 II 33 | 10©58 10©06 | 5Ω42 4Ω11 | 5 亞 04 5 亞 11 | 12 m.06 12 m.24 | 23 II 50 23 II 26 | 11©59 11©07 | 7Ω15 5Ω44 | 6 ♀ 46 6 ♀ 54 | 13 m 17 13 m 35 | 24 II 44 24 II 20 | 13501 12508 | 8Ω50 7Ω20 | 8 <u>요</u> 27 8 <u>요</u> 37 | 14m27 14m46 |
| 53S | 22 II 08 | 9510 | 2032 | 5 2 17 | 12 m. 43 | 23 II 20 23 II 01 | 10:511 | 4 N 05 | 7 ≗ 03 | 13 m 55 | 23 II 55 | 119512 | 5Ω41 | 8 <u>-</u> 49 | 15 m 06 |
| 54S | 21 Д 41 | 8511 | 0ብ44 | 5 2 25 | 13 m 04 | 22 Д 35 | 9©11 | 2 A 18 | 7 ≏ 13 | 14m.16 | 23 Д 28 | 10ഇ12 | 3 № 54 | 9ჲ01 | 15 m. 28 |
| 55S | 21 🗆 13 | 79508 | 285546 | 5 ≏ 33 | 13 m 26 | 22П06 | 8গু07 | 0Ω20 | 7 ≏ 24 | 14m.39 | 23 Д 00 | 9508 | 1 2 5 6 | 9≏15 | 15m.51 |
| 56S | 20 II 43 | 6900 | 26938 | 5 <u>0</u> 42 | 13 m. 50 | 21 Д 36 | 6959 | 28511 | 7 ≏ 36 | 15 m .03 | 22 Д 29 | 7959 | 29546 | 9 <u>₽</u> 30 | 16m.16 |
| 57S 58S | 20П11 19П37 | 49947 39928 | 24©17 21©43 | 5 ≏ 53 | 14 m 16 14 m 44 | 21 II 04 20 II 29 | 5946 4926 | 25©49 23©13 | 7요50 8요05 | 15 m 30 15 m 58 | 21 II 57 21 II 21 | 6945 5925 | 27©23 24©45 | 9 ჲ 47 10 ჲ 06 | 16m.43 17m.12 |
| 59S | 18П59 | 2503 | 18954 | 6≗17 | 15 m. 14 | 19 Д 51 | 3900 | 20@21 | 8 - 22 | 16m.30 | 20 Д 43 | 3558 | 21951 | 10 ♣ 27 | 17m.44 |
| 60S | 18П19 | 0530 | 15948 | 6₽32 | 15 m 48 | 19П10 | 1526 | 179511 | 8 ≏ 42 | 17m.04 | 20П02 | 2522 | 18538 | 10≗52 | 18m.19 |
| 61S | 17П34 | 28 Д 48 | 12524 | 6₽49 | 16m25 | 18 Д 25 | 29П43 | 13543 | 9≏05 | 17m.42 | 19П16 | 038 | 15©05 | 11 ₾ 20 | 18m.58 |
| 62S | 16 II 45 | 26 II 56 | 8541 | 7 ♀ 09 | 17m.07 | 17 Д 35 | 27 Π 49 25 Π 42 | 9 © 54 | 9 ≙ 31 | 18 m 25 | 18 II 25 | 28 Д 42 | 11509 | 11 <u>0</u> 53 | 19m.42 20m.32 |
| 63S 64S | 15П50 14П48 | 24 II 52 22 II 33 | 4୭38 0୭14 | 7 ≗ 32 8 ≗ 00 | 17 m. 54 18 m. 47 | 16П39 15П36 | 25 II 42 23 II 21 | 5943 1911 | 10요02 10요39 | 19 m 13 20 m 08 | 17П29 16П24 | 26 II 34 24 II 09 | 6951 2909 | 12 ⊕ 31 13 ⊕ 18 | 20 ll 32 21 ll 29 |
| 65S | 13 Д 37 | 19П56 | 25 Д 31 | 8-235 | 19 m. 50 | 14 Д23 | 201140 | 26П17 | 11 <u>⊕</u> 25 | 21 m. 13 | 15 I I10 | 21 Д23 | 27II05 | 14 ≏ 15 | 22 m 36 |
| 66S | 12 Д 13 | 16 Д 57 | 20 Д 30 | 9 □ 18 | 21 m 05 | 12 Д 57 | 17II35 | 21 Д04 | 12 <u>□</u> 23 | 22 m 31 | 13 Д 41 | 18 Д 13 | 21 Д40 | 15 2 7 | 23 m 57 |
| pc | 11 II 18 | 15 I I08 | 17П34 | 9ჲ47 | 21 m 55 | 12П00 | 15 I I42 | 18П02 | 13 ≏ 02 | 23 m 24 | 12 Д 42 | 16П15 | 18П30 | 16≗16 | 24 m 52 |

| Lat 11 12 Asc 2 3 11 12 Asc 2 3 0S 5∞30 3.041 4 m 06 6⊕32 8m.22 6∞25 4.039 5 m 10 7 ⊕ 37 9m.23 1S 5∞22 3.027 3 m 55 6⊕34 8m.27 6∞17 4.026 4 m 59 7 ⊕ 39 9m.23 2S 5∞14 3.013 3 m 44 6⊕36 8m.33 6∞09 4.012 4 m 48 7 ⊕ 41 9m.34 3S 5∞06 3.000 3 m 32 6⊕38 8m.38 6∞01 3.058 4 m 37 7 ⊕ 44 9m.34 4S 4∞58 2.046 3 m 20 6⊕40 8m.43 5∞53 3.044 4 m 25 7 ⊕ 46 9m.45 5S 4∞50 2.032 3 m 08 6⊕42 8m.48 5∞45 3.031 4 m 14 7 ⊕ 49 9m.56 7S 4∞34 2.003 2 m 44 6 m 44 8m.59 5∞29 3.002 | 7 12 7 20 7 20 7 20 6 25 7 6 24 6 25 7 6 25 7 6 27 8 6 20 8 6 20 8 6 20 9 5 22 9 5 24 9 5 23 9 5 27 8 5 27 8 5 27 8 5 27 8 5 20 9 5 27 8 5 20 9 5 27 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 | 12 5.038 5.024 5.011 4.057 4.043 4.016 4.002 3.048 3.033 3.019 3.004 2.049 2.034 2.019 | Asc 6 m 13 6 m 03 5 m 52 5 m 42 5 m 31 5 m 20 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 3 m 56 | 2 8 \(\text{2} \) 8 \(\text{4} \) 8 \(\text{4} \) 8 \(\text{4} \) 8 \(\text{4} \) 8 \(\text{5} \) 8 \(\text{5} \) 8 \(\text{5} \) 8 \(\text{5} \) 9 \(\text{6} \) 9 \(\text{0} \) | 3 10 m.24 10 m.30 10 m.35 10 m.41 10 m.46 10 m.52 10 m.58 11 m.03 11 m.09 11 m.15 11 m.20 |
|--|---|--|--|---|--|
| 1S 5@22 3 \(\alpha 27 \) 3 \(\bar{\chi} 55 \) 6@34 8 \(\alpha .27 \) 6@17 4 \(\alpha 26 \) 4 \(\bar{\chi} 59 \) 7 \(\alpha 39 \) 9 \(\alpha .25 \) 2S 5@14 3 \(\alpha 13 \) 3 \(\alpha 44 \) 6@36 8 \(\alpha .33 \) 6@09 4 \(\alpha 12 \) 4 \(\alpha 48 \) 7 \(\alpha 44 \) 9 \(\alpha .34 \) 3S 5@06 3 \(\alpha 00 \) 3 \(\alpha 20 \) 6@40 8 \(\alpha .43 \) 5@53 3 \(\alpha 44 \) 4 \(\alpha 25 \) 7 \(\alpha 44 \) 9 \(\alpha .45 \) 4S 4\(\alpha 50 \) 2 \(\alpha 32 \) 6 \(\alpha 44 \) 8 \(\alpha 55 \) 3 \(\alpha 31 \) 4 \(\alpha 14 \) 7 \(\alpha 49 \) 9 \(\alpha .56 \) 6S 4\(\alpha 42 \) 2 \(\alpha 15 \) 6 \(\alpha 44 \) 8 \(\alpha 55 \) 5 \(\alpha 53 \) 3 \(\alpha 11 \) 4 \(\alpha 10 \) 7 \(\alpha 54 \) 9 \(\alpha .56 \) 7S 4\(\alpha 34 \) 2 \(\alpha 31 \) 6 \(\alpha 46 \) 8 \(\alpha 55 \) 5 \(\alpha 27 \) 3 \(\alpha 10 \) 3 \(\alpha 55 \) 7 \(\alpha 54 \) | 7 12 7 20 7 20 7 20 6 25 7 6 24 6 25 7 6 25 7 6 27 8 6 20 8 6 20 8 6 20 9 5 22 9 5 24 9 5 23 9 5 27 8 5 27 8 5 27 8 5 27 8 5 20 9 5 27 8 5 20 9 5 27 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 | 5 \(\Omega 24 \) 5 \(\Omega 11 \) 4 \(\Omega 57 \) 4 \(\Omega 43 \) 4 \(\Omega 16 \) 4 \(\Omega 02 \) 3 \(\Omega 48 \) 3 \(\Omega 33 \) 3 \(\Omega 19 \) 3 \(\Omega 04 \) 2 \(\Omega 34 \) | 6 m 03 5 m 52 5 m 42 5 m 31 5 m 20 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 8 \(\perp 45 \) 8 \(\perp 47 \) 8 \(\perp 50 \) 8 \(\perp 53 \) 8 \(\perp 56 \) 8 \(\perp 58 \) 9 \(\perp 01 \) 9 \(\perp 04 \) 9 \(\perp 07 \) 9 \(\perp 10 \) | 10 m 30 10 m 35 10 m 41 10 m 46 10 m 52 10 m 58 11 m 03 11 m 09 11 m 15 11 m 20 |
| 2S | 4 7905 6957 6949 0 6941 6 6933 1 6925 7 6917 8 6908 4 5952 0 5944 6 5935 2 5927 8 5918 4 5901 | 5011 4057 4043 4030 4016 4002 3048 3033 3019 3004 2049 2034 | 5 m 52 5 m 42 5 m 31 5 m 20 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 8 \(\perp 47 \) 8 \(\perp 50 \) 8 \(\perp 53 \) 8 \(\perp 56 \) 8 \(\perp 58 \) 9 \(\perp 01 \) 9 \(\perp 04 \) 9 \(\perp 07 \) 9 \(\perp 10 \) | 10 m 35 10 m 41 10 m 46 10 m 52 10 m 58 11 m 03 11 m 09 11 m 15 11 m 20 |
| 3S 5506 3000 3 m 32 6 m 38 8 m 38 6501 3 m 58 4 m 37 7 m 44 9 m 38 4S 4 m 58 2 m 46 3 m 20 6 m 40 8 m 43 5 m 53 3 m 44 4 m 25 7 m 46 9 m 45 5S 4 m 50 2 m 32 3 m 08 6 m 42 8 m 48 5 m 53 3 m 31 4 m 14 7 m 49 9 m 56 6S 4 m 42 2 m 17 2 m 56 6 m 44 8 m 54 5 m 37 3 m 17 4 m 02 7 m 51 9 m 56 7S 4 m 34 2 m 03 2 m 44 6 m 46 8 m 59 5 m 29 3 m 02 3 m 50 7 m 54 10 m 01 8S 4 m 26 1 m 49 2 m 31 6 m 48 9 m 05 5 m 21 2 m 48 3 m 38 7 m 56 10 m 01 9S 4 m 18 1 m 34 2 m 18 6 m 50 9 m 10 5 m 51 2 m 48 3 m 38 7 m 56 10 m 01 10S 4 m 10 1 m 12 2 m | 6 6 6 5 7 6 6 6 4 9 6 6 6 4 1 6 6 6 3 3 1 6 6 2 5 7 6 6 1 7 8 6 6 0 0 4 5 5 5 2 5 5 2 4 4 6 5 3 3 5 2 5 2 7 8 5 2 1 8 | 4 \(\Omega 57 \) 4 \(\Omega 43 \) 4 \(\Omega 10 \) 5 \(\Omega 10 \) 5 \(\Omega 10 \) 5 \(\Omega 10 \) 6 \(\Omega 10 \) 7 \(\Omega | 5 m 42 5 m 31 5 m 20 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 8 \(\odds 50 \) 8 \(\odds 53 \) 8 \(\odds 56 \) 8 \(\odds 58 \) 9 \(\odds 01 \) 9 \(\odds 04 \) 9 \(\odds 07 \) 9 \(\odds 10 \) | 10m.41 10m.46 10m.52 10m.58 11m.03 11m.09 11m.15 11m.20 |
| 4\$\begin{array}{c c c c c c c c c c c c c c c c c c c | 6 6 949 6 6 941 6 6 933 6 6 925 7 6 917 8 6 908 8 6 900 4 5 952 5 944 6 5 935 2 5 927 8 5 918 4 5 910 5 901 | 4 \(\alpha \) 4 \(\alpha \) 3 \(\alpha \) 16 \(\alpha \) 02 \(\alpha \) 3 \(\alpha \) 4 \(\alpha \) 3 \(\alpha \) 3 \(\alpha \) 3 \(\alpha \) 4 \(\alpha \) 2 \(\alpha \) 4 \(\alpha \) 2 \(\alpha \) 4 \(\alpha \) 2 \(\alpha \) 3 \(\alpha \) 4 \(| 5 m 31 5 m 20 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 8 \(\omega 53 \) 8 \(\omega 56 \) 8 \(\omega 58 \) 9 \(\omega 01 \) 9 \(\omega 04 \) 9 \(\omega 07 \) 9 \(\omega 10 \) | 10 m. 46 10 m. 52 10 m. 58 11 m. 03 11 m. 09 11 m. 15 11 m. 20 |
| 5S 4\$\otimes{50}\$ 2\$\alpha{32}\$ 3\$\overline{m}{08}\$ 6\$\overline{42}\$ 8\$\overline{48}\$ 5\$\overline{45}\$ 3\$\alpha{31}\$ 4\$\overline{m}{14}\$ 7\$\overline{49}\$ 9\$\overline{m}{50}\$ 6S 4\$\overline{422}\$ 2\$\overline{112}\$ 6\$\overline{442}\$ 8\$\overline{m}{55}\$ 3\$\alpha{31}\$ 4\$\overline{m}{14}\$ 7\$\overline{49}\$ 9\$\overline{m}{50}\$ 7S 4\$\overline{342}\$ 2\$\overline{m}{40}\$ 6\$\overline{442}\$ 8\$\overline{m}{55}\$ 3\$\overline{m}{310}\$ 3\$\overline{m}{10}\$ 7\$\overline{5}\$ 10\$\overline{m}{30}\$ 9S 4\$\overline{m}{31}\$ 1\$\overline{m}{34}\$ 6\$\overline{m}{45}\$ 9\$\overline{m}{10}\$ 5\$\overline{52}\$ 2\$\overline{448}\$ 3\$\overline{m}{34}\$ 3\$\overline{m}{35}\$ 10\$\overline{m}{35}\$ 10\$\overline{m}{35}\$ 10\$\overline{m}{35}\$ 10\$\overline{m}{35}\$ 10\$\overline{m}{35}\$ 9\$\overline{m}{10}\$ 5\$\overline{50}\$ 2\$\overline{10}\$ 3\$\overline{m}{10}\$ 2\$\overline{m}{35}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overline{m}{10}\$ 10\$\overli | 6 6 6 4 1 6 6 6 3 3 7 6 6 2 5 7 6 6 1 7 8 6 6 0 0 4 5 6 5 2 9 5 2 4 4 6 5 3 3 5 2 5 2 7 8 5 2 1 8 4 5 3 1 0 9 5 3 0 1 | 4 \(\Omega\) 3 \(\Omega\) 4 \(\Omega\) 16 \(4 \Omega\) 2 \(\Omega\) 3 \(\Omega\) 48 \(\Omega\) 3 \(\Omega\) 48 \(\Omega\) 3 \(\Omega\) 49 \(\Omega\) 2 \(\Omega\) 34 | 5 m 20 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 8 \(\omega 56 \) 8 \(\omega 58 \) 9 \(\omega 01 \) 9 \(\omega 04 \) 9 \(\omega 07 \) 9 \(\omega 10 \) | 10 m.52 10 m.58 11 m.03 11 m.09 11 m.15 11 m.20 |
| 6S | 6 6 6 6 3 3 3 6 6 2 5 7 6 6 9 1 7 6 9 0 8 6 9 0 0 6 1 5 9 5 2 5 9 2 7 8 5 9 1 8 5 9 1 0 5 9 0 1 | 4016 4002 3048 3033 3019 3004 2049 2034 | 5 m 09 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 8 \(\omega 58 \) 9 \(\omega 04 \) 9 \(\omega 07 \) 9 \(\omega 10 \) | 10 m. 58 11 m. 03 11 m. 09 11 m. 15 11 m. 20 |
| 78 | 6925 6917 6908 6908 6900 4 5952 5944 6 5935 2 5927 8 5918 4 5910 5901 | 4 \(\O \) 02 3 \(\O \) 48 3 \(\O \) 33 3 \(\O \) 19 3 \(\O \) 04 2 \(\O \) 49 2 \(\O \) 34 | 4 m 57 4 m 45 4 m 33 4 m 21 4 m 09 | 9 <u>0</u> 01 9 <u>0</u> 04 9 <u>0</u> 07 9 <u>0</u> 10 | 11 m.03 11 m.09 11 m.15 11 m.20 |
| 9S 4 @ 18 1 Ω 34 2 m 18 6 ω 50 9 m 10 5 ∞ 13 2 Ω 34 3 m 26 7 ω 59 10 m 13 10S 4 ∞ 10 1 Ω 19 2 m 05 6 ω 53 9 m 16 5 ∞ 05 2 Ω 19 3 m 13 8 ω 01 10 m 18 11S 4 ∞ 01 1 Ω 05 1 m 52 6 ω 55 9 m 21 4 ∞ 57 2 Ω 04 3 m 00 8 ω 04 10 m 24 12S 3 ∞ 53 0 Ω 49 1 m 38 6 ω 57 9 m 27 4 ∞ 48 1 Ω 49 2 m 47 8 ω 07 10 m 30 13S 3 ∞ 45 0 Ω 34 1 m 24 7 ω 00 9 m 33 4 ∞ 40 1 Ω 34 2 m 33 8 ω 09 10 m 30 14S 3 ∞ 36 0 Ω 19 1 m 10 7 ω 02 9 m 39 4 ∞ 32 1 Ω 19 2 m 20 8 ω 12 10 m 48 15S 3 ∞ 28 0 Ω 03 0 m 55 7 ω 04 9 m 45 4 ∞ 23 1 Ω 03 2 m 06 8 ω 15 10 m 48 16S 3 ∞ 19 2 9 ∞ 31 <th>8 6908 6900 4 5952 5944 6 5935 2 5927 8 5918 4 5910 5901</th> <th>3 \(\Omega 3 \) 3 \(\Omega 19 \) 3 \(\Omega 04 \) 2 \(\Omega 49 \) 2 \(\Omega 34 \)</th> <th>4 m 33 4 m 21 4 m 09</th> <th>9요07 9요10</th> <th>11 m.15 11 m.20</th> | 8 6908 6900 4 5952 5944 6 5935 2 5927 8 5918 4 5910 5901 | 3 \(\Omega 3 \) 3 \(\Omega 19 \) 3 \(\Omega 04 \) 2 \(\Omega 49 \) 2 \(\Omega 34 \) | 4 m 33 4 m 21 4 m 09 | 9 요 07 9 요 10 | 11 m.15 11 m.20 |
| 10S 4©10 1Ω19 2 m 05 6 ± 53 9 m 16 5 © 05 2Ω19 3 m 13 8 ± 01 10 m 18 11S 4©01 1Ω05 1 m 52 6 ± 55 9 m 21 4 © 57 2Ω04 3 m 00 8 ± 04 10 m 24 12S 3 © 53 0Ω49 1 m 38 6 ± 57 9 m 27 4 © 48 1 Ω 49 2 m 47 8 ± 07 10 m 36 13S 3 © 45 0Ω34 1 m 24 7 ± 00 9 m 33 4 © 40 1 Ω 34 2 m 33 8 ± 09 10 m 36 14S 3 © 36 0Ω 19 1 m 10 7 ± 02 9 m 39 4 © 32 1 Ω 19 2 m 20 8 ± 12 10 m 42 15S 3 © 28 0Ω 03 0 m 55 7 ± 04 9 m 45 4 © 23 1 Ω 03 2 m 06 8 ± 15 10 m 48 16S 3 © 19 2 9 © 34 0 m 40 7 ± 07 9 m 51 4 © 14 0 Ω 47 1 m 51 8 ± 18 10 m 54 17S 3 © 10 2 9 © 31 | 6 6 6 0 0 0 1 5 6 5 2 1 8 1 5 6 1 0 1 5 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 3 \alpha 19 3 \alpha 04 2 \alpha 49 2 \alpha 34 | 4 m/21 4 m/09 | 9 亞 10 | 11 m 20 |
| 11S 4©01 1 0.05 1 m 52 6 0.55 9 m.21 4©57 2 0.04 3 m 00 8 0.04 1 0 m.24 12S 3©53 0 0.049 1 m 38 6 0.57 9 m.27 4 © 48 1 0.49 2 m 47 8 0.07 10 m 30 13S 3©45 0 0.34 1 m 24 7 0.00 9 m 33 4 © 40 1 0.34 2 m 33 8 0.09 10 m 30 14S 3©36 0 0.19 1 m 10 7 0.02 9 m 39 4©32 1 0.19 2 m 20 8 0.12 10 m 42 15S 3©28 0 0.03 0 m 55 7 0.04 9 m 45 4©23 1 0.03 2 m 06 8 0.15 10 m 48 16S 3©19 29©47 0 m 40 7 0.07 9 m 51 4©14 0.047 1 m 51 8 0.18 10 m 52 17S 3©10 29©31 0 m 25 7 0.09 9 m 57 4©06 0.031 1 m 36 8 0.21 11 m 0.0 18S 3©01 29©31 0 m 09 | 4 5 5 5 2 5 5 4 4 5 5 3 3 5 2 5 2 7 8 5 3 18 4 5 3 10 5 3 01 | 3 \(\O 04 \) 2 \(\O 49 \) 2 \(\O 34 \) | 4 m 09 | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 5 6 4 4 5 6 5 5 6 3 5 5 6 2 5 6 2 7 8 5 6 1 8 4 5 6 1 0 5 6 0 1 | 2 N 49 2 N 34 | | | 111 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 5 5 3 5 5 2 5 5 2 7 8 5 5 1 8 5 5 1 0 5 5 2 0 1 | 2⋒34 | ن د پرا د | 9 ₽ 13 | 11 m. 26 11 m. 32 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 2 5927 3 5918 4 5910 5901 | | 3 m 43 | 9 2 10 | 11 m 38 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 55910 55901 | | 3 m/30 | 9 <u>0</u> 22 | 11 m. 44 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 55910 55901 | 2 \Omega 04 | 3 m/16 | 9₽26 | 11 m.50 |
| 18S 3501 29514 0 m 09 7 m 12 10 m 03 3557 0 Ω 15 1 m 21 8 m 24 11 m 06 19S 2553 28558 29 Ω 53 7 m 15 10 m 09 3548 29558 1 m 05 8 m 27 11 m 13 | | 1 Ω 48 | 3 m 02 | 9₽29 | 11m.57 |
| 19S 253 2858 29£53 7£15 10m.09 3548 29558 1m05 8£27 11m.13 | | 1 2 32 | 2 m/48 | 9 ≏ 32 | 12m.03 |
| | | 1216 | 2 m 33 | 9 ₾ 36 | 12m.09 |
| zus zw43 z8540 z98836 /ല18 101115 3539 z9541 011049 8030 1111119 | | 0.0.59 | 2 m 18 | 9 <u>0</u> 39 | 12m.16 |
| 218 2534 28523 2918 7520 10m22 3530 29524 0m32 8534 11m26 | _ | 0 Ω 42 0 Ω 25 | 2 mg 02 1 mg 46 | 9 ≙ 43 | 12 m. 22 12 m. 29 |
| 22S 2825 28805 2901 722 10m29 3820 29806 0m15 823 11m26 | | 0 208 | 1 m/ 40 | 9 2 47 | 12 m 36 |
| 238 2515 27547 28042 7±26 10m35 3511 28548 29057 8±40 11m39 | 4906 | 29\$50 | 1 m 12 | 9 ≙ 55 | 12m43 |
| 24S 2506 27529 28023 7229 10m42 3501 28530 29039 8244 11m46 | 3556 | 29\$32 | 0 m ₂ 55 | 9₽59 | 12m.50 |
| 258 1556 27510 28£04 7±32 10m49 2551 28511 29£20 8±48 11m.53 | | 29\$13 | 0 mp 36 | 10 △ 03 | 12m.57 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 28©54 28©34 | 0 m 17 29 Ω 58 | 10 a 07 10 a 12 | 13 m. 05 13 m. 13 |
| 288 1925 26910 27000 7942 111111 2921 27912 28018 895 1211100 | | 28934 | 29 £ 37 | 10 <u>1</u> 12 | 13 m 20 |
| 29S 1515 25549 26Ω38 7±46 11 m 19 2510 26551 27Ω56 9±04 12 m 24 | | 27954 | 29 & 16 | 10≏21 | 13 m 28 |
| 30S 1504 25528 26Ω14 7±50 11m27 1559 26530 27Ω33 9±08 12m32 | 2 2 2 2 5 4 | 27532 | 28⋒54 | 10≗26 | 13 m 37 |
| 31S 0553 25506 25049 7±54 11m35 1548 26508 27010 9±12 12m40 | | 27911 | 28£30 | 10≗31 | 13 m.45 |
| 328 0 0 34 24 34 3 25 0 24 7 0 58 11 m 43 1 5 37 25 5 46 26 0 45 9 0 17 12 m 45 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 26548 | 28206 | 10 ₾ 36 | 13 m. 54 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 26©25 26©01 | 27Ω41 27Ω14 | 10 <u>₽</u> 42 10 <u>₽</u> 47 | 14m.03 14m.12 |
| 358 0 | | 25\$37 | 26 Ω 47 | 10 - 53 | 14m.21 |
| 36S 29 11 53 23 50 6 23 \(\Omega 28 \) 8 \(\Omega 15 \) 12 \(\omega 17 \) 12 \(\omega 17 \) 12 \(\omega 17 \) 13 \(\omega 18 \) 24 \(\omega 08 \) 24 \(\Omega 52 \) 9 \(\omega 38 \) 13 \(\omega 28 \) 13 \(\omega | | 25931 | 26Ω17 | 11 200 | 14m.31 |
| 378 29 140 22 239 22 255 8 220 12 12 29 0 23 23 24 24 21 9 243 13 13 35 | 1 9 30 | 24545 | 25 ⋒47 | 11 △ 06 | 14m41 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | 25 \Omega 14 | 11 ₾ 13 | 14m.51 |
| 39S 29 II 13 21 543 21 Ω45 8 ± 31 12 II 49 0 508 22 546 23 Ω12 9 ± 56 13 II 56 | | 23549 | 24 \(\Omega 40 | 11 ₾ 20 | 15 m. 02 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 23520 | 24 Ω 04 23 Ω 25 | 11 <u>□</u> 28 | 15 m 13 15 m 25 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 22917 | 22 Ω 44 | 11 2 30 | 15 m 25 |
| 43S 28Π12 19537 18Ω57 8£55 13π35 29Π07 20540 20Ω28 10£24 14π43 | | 21 5 44 | 22 & 00 | 11 ≏ 53 | 15m.50 |
| 44S 27Π56 19©02 18Ω08 9Ω02 13π48 28Π51 20©05 19Ω40 10Ω32 14π56 | 5 29П46 | 21509 | 21Ω14 | 12 ≏ 02 | 16m03 |
| 45S 27Π39 18\$26 17\$\Omega\$10 9\$\Omega\$10 14\$\mathrm{m}\$01 28Π34 19\$\omega\$29 18\$\Omega\$49 10\$\Omega\$41 15\$\mathrm{m}\$09 | | 20533 | 20 & 24 | 12 ≏ 12 | 16m17 |
| 46S $ 27\Pi 21 17947 16020 9918 14\Pi 15 28\Pi 16 18951 17054 10950 15\Pi 24 1478 27\Pi 02 17907 15020 1992 1478 27\Pi 02 17907 15020 1992 1478 1$ | | 19554 | 19 0 3 3 | 12 2 23 | 16m.31 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 19©14 18©32 | 18Ω32 17Ω30 | 12 ≘ 34 12 ≘ 46 | 16m47 17m03 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 17947 | 16Ω22 | 12 <u>2</u> 59 | 17m 19 |
| 50S 26Π01 14©53 11Ω50 9Φ56 15M19 26Π55 15©56 13Ω28 11Ф35 16M28 | | 17500 | 15Ω09 | 13 <u>₽</u> 13 | 17m.37 |
| 51S 25Π38 14503 10Ω27 10±08 15π37 26Π32 15506 12Ω07 11±48 16π47 | 7 27 Д 27 | 16509 | 13 £ 49 | 13 € 28 | 17m56 |
| 52S 25 \(\pi 14 \) 13 \(\otin 10 \) 8 \(\Otin 58 \) 10 \(\otin 20 \) 15 \(\otin 56 \) 26 \(\otin 08 \) 14 \(\otin 13 \) 10 \(\otin 38 \) 12 \(\otin 03 \) 17 \(\otin 07 \) 17 \(\otin 07 \) 17 \(\otin 07 \) 18 \(\otin | | 15©16 | 12.0.21 | 13 ₾ 45 | 18m.16 |
| 53S 24π49 12©14 7Ω20 10©34 16π17 25π43 13©16 9Ω01 12©18 17π27 54S 24π22 11©14 5Ω33 10©48 16π39 25π16 12©16 7Ω14 12©36 17π50 | | 14519 13519 | 10Ω45 8Ω59 | 14 <u>0</u> 3 14 <u>0</u> 22 | 18m37 19m00 |
| | | | | | |
| 55S 23 Π 53 10 20 9 3 Ω 35 11 20 5 17 π.03 24 Π 47 11 20 1 5 Ω 16 12 2 5 5 18 π 14 | | 12©14 11©03 | 7Ω01 4Ω51 | 14 <u>⊕</u> 44 15 <u>⊕</u> 08 | 19m.25 19m.51 |
| 57S 22 π 50 7 π 45 29 π 01 11 π 43 17 π 56 23 π 43 8 π 46 0 π 42 13 π 39 19 π 08 | | 9948 | 2 N 26 | 15 2 34 | 20m20 |
| 58S 22 II 14 6 56 24 26 56 21 12 ± 06 18 II 26 23 II 07 7 56 24 28 56 01 14 ± 05 19 II 39 | 9 24П00 | 8925 | 29544 | 16 2 04 | 20m.51 |
| 598 21 136 4 4 4 56 23 324 12 12 18 18 18 18 18 18 | | 6956 | 26943 | 16≏38 | 21 m.25 |
| 60S 20 II 53 3 3 20 20 20 308 13 20 1 19 II 34 21 II 46 4 318 21 34 2 15 20 9 20 II 49 20 30 30 30 30 30 30 30 30 30 30 30 30 30 | | 5917 | 23520 | 17 2 16 | 22 m.02 |
| 61S 20 π 07 1 | | 3529 | 19533 | 18 <u>0</u> 01 | 22 m.44 23 m.31 |
| 62S 19П16 29П37 12©29 14⊕13 20П59 20П07 0©32 13©51 16⊕33 22П15 63S 18П18 27П25 8©02 15⊕00 21П50 19П08 28П18 9©16 17⊕27 23П07 | | 1528 29 II 12 | 15©18 10©35 | 18 ♀ 52 19 ♀ 53 | 23 IL 31 24 IL 24 |
| 64S 17 11 13 24 11 57 3 5 10 15 25 6 22 11 48 18 11 02 25 11 47 18 2 2 24 11 07 1 18 2 3 2 24 11 07 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 26 Д 37 | 5921 | 21 2 07 | 25 m 26 |
| 65S 15 \pi 57 22 \pi 08 27 \pi 54 17 \pi 04 23 \pi 57 16 \pi 44 22 \pi 53 28 \pi 45 19 \pi 52 25 \pi 19 | | 23 Д 39 | 29П38 | 22 <u>₽</u> 38 | 26 m. 39 |
| 66S 14 II 25 18 II 51 22 II 15 18 II 30 25 II 22 15 II 09 19 II 29 22 II 52 21 II 32 26 II 46 | | 20 Д 08 | 23 Д 29 | 24 ₾ 33 | 28 m. 10 |
| рс 13 II 24 16 II 49 18 II 57 19 🖴 30 26 II 19 14 II 06 17 II 23 19 II 25 22 🗗 42 27 II 47 | | 17II57 | 19耳53 | 25 - 253 | 29 m 14 |

| | Sid.Tir MC: | | 6m AR 35'54 | MC: 69 |)°00' | Sid.Tir MC: | | 0m AR | MC: 70 |)°00' | Sid.Tir MC: | ne: 4h44 | 4m AR 28'05 | CMC: 71 | °00' |
|------------|--------------------------------|----------------------|---------------------|----------------------------------|----------------------|--------------------------------|-----------------------|--|----------------------------------|----------------------|----------------------|----------------------|----------------------|--|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 8916 | 6£36 | 7 m, 17 | 9 ≙ 47 | 11 m.25 | 9511 | 7ຄ35 | 8 m, 21 | 10ჲ52 | 12 m 26 | 10506 | 8 a 34 | 9 m, 25 | 11≏57 | 13 m.27 |
| 1S | 8908 | 6⋒23 | 7 mg 07 | 9ჲ50 | 11m31 | 9ഇ03 | 7ຄ22 | 8 mg 12 | 10≏56 | 12m32 | 9958 | 8 N 2 1 | 9 mg 16 | 12≗01 | 13 m 33 |
| 2S | 8500 | 6Ω10 | 6 m 57 | 9₾53 | 11 m. 37 | 8955 | 7.09 | 8 m, 02 | 10 ₾ 59 | 12m.38 | 9950 | 8008 | 9 m, 07 | 12 ₾ 04 | 13 m. 38 |
| 3S | 7952 | 50.56 | 6 m 47 | 9 2 56 | 11 m. 42 | 8547 | 6.0.43 | 7 m 52 | 11 2 02 | 12 m. 43 | 9543 | 7.055 | 8 m 57 | 12 2 08 | 13 m.44 |
| 48 | 79544 | 5Ω43 | 6 mg 36 | 9₽59 | 11m.48 | 8539 | 6Ω42 | 7 m ₂ 42 | 11 ₾06 | 12m49 | 9935 | 7Ω42 | 8 mg 48 | 12 ₾ 12 | 13 m.50 |
| 5S | 7936 | 5 A 29 | 6 m 26 | 10 ₾ 02 | 11 m.53 | 8931 | 6Ω29 | 7 m/32 | 11 ₾ 09 | 12 m 55 | 9527 | 7Ω28 | 8 m 38 | 12 ₾ 16 | 13 m 56 |
| 6S 7S | 7 <u>ඉ28</u> 7 <u>ඉ20</u> | 5Ω15 5Ω01 | 6 mg 15 6 mg 04 | 10요05 10요09 | 11 m 59 12 m 05 | 8 5 23 8 5 15 | 6Ω15 6Ω01 | 7 m ₂₂ 22 7 m ₂ 11 | 11 ≏ 12 | 13 m. 01 13 m. 06 | 9519 9511 | 7Ω15 7Ω01 | 8 mg 28 8 mg 18 | 12 ♀ 19 12 ♀ 23 | 14m.02 14m.08 |
| 8S | 79512 | 4Ω47 | 5 m ₂ 53 | 10 = 07 | 12 m 11 | 8907 | 5Ω47 | 7 m ₂ 00 | 11 2 20 | 13 m 12 | 9503 | 6Ω48 | 8 mg 08 | 12 <u>2</u> 23 | 14m.14 |
| 9S | 7១04 | 4ຄ33 | 5 m, 41 | 10 🕰 15 | 12 m 17 | 7ഇ59 | 5ຄ33 | 6 m, 49 | 11 ₾ 23 | 13 m. 18 | 8গু55 | 6Ω34 | 7 m ₂ 58 | 12 🕰 31 | 14m20 |
| 10S | 6956 | 4Ω19 | 5 m ₂ 30 | 10 ≏ 18 | 12 m 22 | 7 <u>9</u> 51 | 5Ω19 | 6 m _p 38 | 11≏27 | 13 m. 24 | 8946 | 6Ω20 | 7 mp 47 | 12 ≏ 35 | 14m.26 |
| 11S | 6୭47 | 4Ω04 | 5 m, 18 | 10≏22 | 12m28 | 79643 | 5 N 05 | 6 m/ 27 | 11 ₾ 31 | 13 m 30 | 8938 | 6£06 | 7 m/ 36 | 12⋴39 | 14m32 |
| 12S | 6ഇ39 | 3⋒50 | 5 mg 05 | 10≏25 | 12 m 34 | 7934 | 4£050 | 6 mg 15 | 11 △ 35 | 13 m 36 | 8530 | 5 N 5 1 | 7 m/ 25 | 12 ≏ 44 | 14m38 |
| 13S | 6931 | 3.035 | 4 m 53 | 10 ₾ 29 | 12m.41 | 7926 | 4Ω36 | 6 m 03 | 11 ₾ 38 | 13 m. 43 | 8522 | 5 Ω 37 | 7 m 13 | 12 △ 48 | 14m.45 |
| 14S | 6922 | 3 № 20 | 4 m, 40 | 10≗32 | 12m47 | 7518 | 4 Ω 21 | 5 m, 51 | 11 ≏ 42 | 13 m.49 | 8513 | 5 Ω 22 | 7 m, 02 | 12 ₾ 52 | 14m.51 |
| 15S | 6914 | 3 € 04 | 4 m 27 | 10 ₾ 36 | 12 m 53 | 7909 | 4Ω05 | 5 m/ 38 | 11 246 | 13 m 55 | 8905 | 5 Ω 07 | 6 m 50 | 12 - 57 | 14m.57 |
| 16S 17S | 6 ඉ 05 5 ඉ 56 | 2 N 49 2 N 33 | 4 mg 14 4 mg 00 | 10요40 10요44 | 12 m 59 13 m 06 | 7501 6552 | 3 N 50 3 N 34 | 5 m/ 25 5 m/ 12 | 11 <u>0</u> 51 | 14m.02 14m.08 | 7956 7947 | 4Ω51 4Ω36 | 6 mg 37 6 mg 25 | 13 <u>a</u> 01 | 15m.04 15m.11 |
| 17S | 5936 5947 | 28133 2Ω17 | 3 mg 46 | 10 <u>2</u> 44 10 <u>2</u> 48 | 13 m 12 | 6932 | 3 N 18 | 3 ng 12 4 ng 59 | 11 <u>2</u> 33 | 14 IL U8 | 7939 | 43730 4Ω20 | 6 mg 12 | 13 2 11 | 15 m 17 |
| 19S | 5939 | 2001 | 3 mg 31 | 10 - 40 | 13 m 19 | 6934 | 3 202 | 4 m/ 45 | 12 2 04 | 14 m 22 | 7930 | 4Ω04 | 5 m, 58 | 13 - 11 | 15 m 24 |
| 20S | 5929 | 1 Ω 44 | 3 mg 16 | 10≏56 | 13 m 26 | 6925 | 2 2 4 6 | 4 m ₂ 30 | 12ჲ08 | 14m.28 | 7s21 | 3 € 48 | 5 mg 44 | 13 ₾ 20 | 15m.31 |
| 21S | 5920 | 1 27 | 3 mg 01 | 11 ₾ 00 | 13 m 32 | 6916 | 2 \(\Omega 2 \) | 4 m, 15 | 12 ₾ 13 | 14m.35 | 7911 | 3 2 3 1 | 5 m/ 30 | 13 ₾ 26 | 15 m. 38 |
| 22S | 5গু11 | 1 ₪ 09 | 2 m/45 | 11 ≏ 04 | 13 m 39 | 6906 | 2Ω11 | 4 m, 00 | 12≏18 | 14m.43 | 7ණ02 | 3 ₪ 14 | 5 mg 16 | 13 🕰 31 | 15 m 45 |
| 23S | 5901 | 0.052 | 2 m/28 | 11 ₾ 09 | 13 m. 47 | 5957 | 1054 | 3 m/44 | 12 ₾ 22 | 14m.50 | 6953 | 2256 | 5 m 00 | 13 ₾ 36 | 15m.53 |
| 24S | 4952 | 0໙34 | 2 m, 11 | 11 ₾ 13 | 13 m 54 | 5947 | 1 236 | 3 m, 28 | 12≗27 | 14m.57 | 6943 | 2 N 38 | 4 m, 45 | 13 ≏ 42 | 16m.00 |
| 25S | 4942 | 0Ω15 | 1 m ₂ 53 | 11 ₾ 18 | 14m.01 | 5937 | 1Ω17 | 3 m, 11 | 12 - 33 | 15 m 05 | 6933 | 2 \Omega 20 | 4 m 28 | 13 <u>⊶</u> 47 | 16m.08 |
| 26S | 4932 4922 | 29©56 29©37 | 1 m 35 | 11 <u>0</u> 23 | 14m.09 | 5927 5917 | 0.059 | 2 m 53 | 12 ≏ 38 12 ≏ 44 | 15 m 12 | 6523 | 2 \O 02 | 4 m 12 | 13 <u>a</u> 53 | 16m 16 |
| 27S 28S | 49922 | 29937 | 1 mg 16 0 mg 56 | 11 <u>⊕</u> 28 | 14 m 17 14 m 25 | 5997 | 0Ω39 0Ω20 | 2 m/35 2 m/16 | 12 <u>22</u> 44 | 15 m. 20 15 m. 28 | 6502 | 1 Ω 42 1 Ω 23 | 3 m/ 54 3 m/ 36 | 13 ≏ 59 14 ≏ 06 | 16m.24 16m.32 |
| 29S | 4901 | 28\$56 | 0 mg 36 | 11 ₾ 38 | 14m.33 | 4956 | 29\$59 | 1 m/ 56 | 12 <u>-</u> 55 | 15 m 37 | 5952 | 1 202 | 3 mg 17 | 14 ₾ 12 | 16m40 |
| 30S | 3950 | 28935 | 0 mg 14 | 11 ≙ 44 | 14m.41 | 4945 | 29538 | 1 m _p 35 | 13 ₾ 01 | 15 m. 45 | 5 9 41 | 0 ຄ 42 | 2 m ₂ 57 | 14 ≏ 19 | 16m.49 |
| 31S | 3539 | 28514 | 29 2 52 | 11 △ 49 | 14m.50 | 4934 | 29517 | 1 mg 14 | 13 ≏ 08 | 15 m 54 | 5930 | 0 Ω 20 | 2 m/ 36 | 14≏26 | 16m.58 |
| 32S | 3927 | 27951 | 29⋒29 | 11 ≏ 55 | 14m.58 | 4গু23 | 28955 | 0 m ₂ 51 | 13 🕰 14 | 16m03 | 5918 | 29\$58 | 2 m/ 15 | 14മ33 | 17m07 |
| 33S | 3516 | 27528 | 29 0 0 0 0 | 12 ₾ 01 | 15m.07 | 4911 | 28532 | 0 m/28 | 13 ₾ 21 | 16m.12 | 5907 | 29536 | 1 m 52 | 14 2 40 | 17m.16 |
| 348 | 3504 | 27505 | 28 N 38 | 12 ₾ 08 | 15m.17 | 3559 | 28508 | 0 m ₂ 03 | 13 ₾ 28 | 16m.21 | 4955 | 29512 | 1 m/28 | 14 ₾ 48 | 17m.26 |
| 35S | 2951 | 26940 | 28 \Omega 12 | 12 ₾ 15 | 15m.26 | 3547 | 279544 | 29 237 | 13 ₾ 35 | 16m.31 | 49642 | 28548 | 1 m 04 | 14 ♀ 56 15 ♀ 05 | 17m.36 |
| 36S 37S | 2 9 39 2 9 25 | 26©15 25©48 | 27Ω43 27Ω14 | 12 ♀ 22 12 ♀ 29 | 15 m 36 15 m 47 | 3 5 3 4 3 5 2 1 | 27©19 26©52 | 29Ω10 28Ω41 | 13 <u>∞</u> 43 | 16m.41 16m.52 | 4930 4916 | 28©23 27©57 | 0 mg 37 0 mg 10 | 15 1 15 14 | 17m46 17m57 |
| 38S | 2912 | 25@21 | 26 \Omega 42 | 12 - 2 3 6 | 15 m 57 | 3907 | 26925 | 28Ω11 | 14 <u>00</u> 0 | 17m.03 | 4903 | 27930 | 29 \$\omega 40 | 15 - 23 | 18m.08 |
| 39S | 1958 | 24953 | 26 A 09 | 12 4 5 | 16m.08 | 2953 | 25957 | 27 A 39 | 14ჲ09 | 17m.14 | 35649 | 27902 | 29 A 09 | 15 ≏ 32 | 18m.19 |
| 40S | 19544 | 24524 | 25⋒34 | 12 🕰 53 | 16m.20 | 2539 | 25\$28 | 27 A 05 | 14ჲ18 | 17 m 25 | 3535 | 26\$33 | 28£37 | 15 △ 43 | 18m.31 |
| 41S | 1529 | 23@53 | 24⋒56 | 13 ⊆ 02 | 16m31 | 2924 | 24958 | 26⋒28 | 14≏28 | 17m37 | 3 5 2 0 | 26©03 | 28⋒02 | 15 ≏ 53 | 18m43 |
| 42S | 19913 | 23521 | 24Ω16 | 13 ₾ 11 | 16m.44 | 2509 | 24526 | 25 € 50 | 14≏38 | 17m.50 | 3504 | 25@31 | 27Ω24 | 16≏05 | 18m.56 |
| 438 | 0957 | 22548 | 23 \Q 34 | 13 <u>₽</u> 21 | 16m.57 | 1953 | 23553 | 25 A 09 | 14 🕰 49 | 18m.03 | 25548 | 24558 | 26 0 02 | 16 <u>0</u> 17 | 19m.09 |
| 448 | 09641 | 22513 | 22.048 | 13 ♣ 32 | 17m10 | 1936 | 23518 | 24 \Q 25 | 15 2 01 | 18m.17 | 2531 | 24523 | 26 \O 02 | 16 29 | 19 m. 23 |
| 45S 46S | 0ණ24 0ණ05 | 21©37 20©59 | 22Ω00 21Ω07 | 13 <u>⊕</u> 43 | 17 m. 24 17 m. 39 | 1991 1991 | 22 22 22 903 | 23 N 37 22 N 46 | 15 ♀ 13 | 18m.31 18m.46 | 2514 1556 | 23 5 47 23 5 09 | 25Ω16 24Ω27 | 16 ♀ 43 16 ♀ 57 | 19m37 19m52 |
| 46S 47S | 29 II 47 | 20@39 20@18 | 213707 20Ω11 | 13±35 14±07 | 17 m 54 | 0 9 9 9 9 | 22903 | 223146 21 N 51 | 15 1 26 | 18 IL 46 | 1937 | 23509 | 248127 23 N 33 | 10±37 17£12 | 20m.08 |
| 48S | 29 П 27 | 19536 | 19 10 | 14≗21 | 18m.10 | 0922 | 20941 | 20 252 | 15 - 15 | 19 m 18 | 19517 | 215646 | 22 \Omega 35 | 17 - 29 | 20 m 25 |
| 49S | 29П06 | 18951 | 18⋒04 | 14≗35 | 18m28 | 0ഇ01 | 19\$56 | 19 a 47 | 16≏11 | 19m35 | 0956 | 21502 | 21 232 | 17≗46 | 20m43 |
| 50S | 28П44 | 18ഇ04 | 16 0 51 | 14≗51 | 18m.46 | 29П39 | 19509 | 18 Ω 36 | 16≏28 | 19 m 54 | 0534 | 20514 | 20 23 | 18≏05 | 21 m.01 |
| 51S | 28П21 | 17গু14 | 15⋒33 | 15≗08 | 19m05 | 29П16 | 18519 | 17Ω19 | 16≗47 | 20 m 13 | 0୭11 | 19524 | 19Ω07 | 18≏26 | 21 m.21 |
| 52S | 27 II 57 | 16920 | 14Ω06 | 15 ₾ 26 | 19 m 25 | 28 Д 52 | 17925 | 15 \$\alpha 54 | 17 <u>0</u> 07 | 20m.34 | 29 Д 47 | 18931 | 17Ω44 | 18 ₾ 48 | 21 m.42 |
| 53S 54S | 27 Д31 27 Д04 | 15©23 14©22 | 12 N 31 | 15 ≏ 46 16 ≏ 08 | 19m.47 20m.10 | 28 II 26 27 II 58 | 16©28 15©27 | 14Ω20 12Ω36 | 17 ♀ 29 17 ♀ 54 | 20 m 56 | 29 П21 28 П53 | 17©33 16©32 | 16Ω12 | 19 亞 12 | 22 m 05 22 m 29 |
| | | | 10Ω46 | | | | | 12.036 | | 21 m. 20 | | | 14.030 | | |
| 55S 56S | 26П35 26П03 | 13©17 12©06 | 8Ω49 6Ω40 | 16 ♀ 32 16 ♀ 59 | 20 m. 35 21 m. 02 | 27 II 29 26 II 57 | 14©21 13©10 | 10 ຄ 41 8 ຄ 32 | 18 ♀ 20 | 21 m. 45 22 m. 12 | 28 II 23 27 II 52 | 15©26 14©15 | 12Ω36 10Ω28 | 20 <u>a</u> 07 | 22 m.54 23 m.22 |
| 57S | 25 II 30 | 12500 | 4Ω15 | 17 29 | 21 m 31 | 26 II 24 | 11954 | 6Ω07 | 19 22 | 22 m 42 | 27 II 32 27 II 18 | 12558 | 8Ω04 | 20 22 40 21 2 15 | 23 m 52 |
| 58S | 24 II 53 | 9527 | 1 2 3 2 | 18 2 02 | 22 m 03 | 25 II 47 | 10530 | 3 № 24 | 19 2 59 | 23 m 14 | 26П41 | 11534 | 5Ω20 | 21 <u>0</u> 55 | 24 m 25 |
| 59S | 24 Д 14 | 7957 | 28\$29 | 18≏40 | 22 m 37 | 25 Д 07 | 8গু59 | 0 ຄ 20 | 20ჲ41 | 23 m 49 | 26П01 | 10502 | 2 Ω 15 | 22 ≏ 41 | 25 m.01 |
| 60S | 23 Д 31 | 6918 | 25ഇ03 | 19≏23 | 23 m 16 | 24П23 | 79519 | 26ഇ51 | 21 ≏ 28 | 24 m 28 | 25 Д 17 | 8921 | 28944 | 23 ₾ 32 | 25 m.40 |
| 61S | 22 Д 43 | 4গু28 | 21©11 | 20 ≏ 12 | 23 m 58 | 23 Д35 | 5927 | 22\$54 | 22 ≏ 23 | 25 m 12 | 24П28 | 6928 | 249543 | 24≗32 | 26 m 24 |
| 62S | 21 II 50 | 2925 | 16950 | 21 ♀ 10 | 24 m 46 | 22 Д 41 | 3923 | 18526 | 23 € 26 | 26m.00 | 23 Д 33 | 4922 | 20508 | 25 △ 41 | 27m.14 |
| 63S 64S | 20П49 19П40 | 0©07 27II 29 | 11957 | 22 <u>a</u> 18 | 25 m. 40 26 m. 44 | 21 II 40 20 II 30 | 1902 | 13©23 7©45 | 24 <u>₽</u> 41 26 <u>₽</u> 12 | 26m.56 28m.01 | 22 II 32 21 II 20 | 1959 29 II 15 | 14©55 9©03 | 27 <u>a</u> 03 28 <u>a</u> 42 | 28m.11 29m.17 |
| | | | 6931 | | | | 28 II 21 | | | | | | | | |
| 65S 66S | 18П19 16П38 | 24 II 25 20 II 47 | 0933 24II 07 | 25 ≏ 22 27 ≏ 32 | 27 m 59 29 m 34 | 19П07 17П23 | 25 II 13 21 II 27 | 1©31 24¶46 | 28 ♀ 05 0 m⋅30 | 29 m 19 0 ≈ 56 | 19Д55 18Д08 | 26 II 01 22 II 08 | 25 II 26 | 0 m. 46 3 m. 25 | 0 ₹ 37 2 ₹ 19 |
| pc | 15 П 30 | 18 II 30 | 20 II 20 | 29 2 04 | 29 IIL 34 0 ₹ 40 | 16 II 12 | 19 Д 04 | 24 II 46 20 II 48 | 2 m 13 | 2 × 07 | 16 Д 54 | 19 Д 38 | 23 II 26 21 II 16 | 5 m 22 | 3 × 33 |
| Γ, | | | | | | 2000. ε: 2 | | | | | | | | 22 | 1 55 |

| | Sid.Tir MC: | | 8m AR (24'01 | MC: 72 | 2°00' | Sid.Tir MC: | | 2m AR [19'52 | MC: 73 | 3°00' | Sid.Tir MC: | | 6m AR | MC: 74 | ·°00' |
|------------|--------------------------------|--------------------------------|----------------------|-----------------------------------|----------------------|--------------------------------|--------------------------|--|----------------------------------|----------------------|--------------------------------|----------------------|--|---|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 11902 | 9ຄ33 | 10 m, 29 | 13 ≏ 02 | 14m27 | 11957 | 10ຄ32 | 11 m/34 | 14≗07 | 15 m 27 | 12553 | 11 a 32 | 12 m/38 | 15 ≏ 12 | 16m27 |
| 1S 2S | 10ණ54 10ණ46 | 9Ω20 9Ω08 | 10 m/21 10 m/12 | 13 <u>a</u> 06 | 14 m 33 14 m 39 | 115649 115641 | 10Ω20 10Ω07 | 11 m, 26 11 m, 17 | 14 <u>0</u> 11 | 15 m. 33 15 m. 39 | 12©45 12©37 | 11 Ω 20 11 Ω 07 | 12 m 30 | 15 ⊕ 16 15 ⊕ 21 | 16m.34 16m.40 |
| 3S | 10946 | 8255 | 10 mg 12 | 13 № 10 | 14 IL 39 | 11934 | 9Ω54 | 11 mg 17 | 14 <u>2</u> 13 | 15 m 45 | 12537 | 10 Ω 54 | 12 m/23 12 m/15 | 15 <u>22</u> 1 | 16 m 46 |
| 4S | 10@30 | 8 N 42 | 9 m, 54 | 13 ₾ 18 | 14m.51 | 11526 | 9Ω41 | 11 m ₂ 00 | 14≏24 | 15 m 51 | 12521 | 10 Ω 42 | 12 mg 06 | 15 ₾ 30 | 16m.52 |
| 5S | 10ഇ22 | 8ภ28 | 9 m ₂ 45 | 13 ₾ 22 | 14m.57 | 115518 | 9ຄ28 | 10 m ₂ 51 | 14ჲ29 | 15 m 57 | 12513 | 10 ຄ 29 | 11 m/58 | 15 ≏ 35 | 16m.58 |
| 6S 7S | 10514 | 8 N 15 8 N 02 | 9 m 35 | 13 ₾ 26 | 15m.03 | 11©10 11©02 | 9Ω15 9Ω02 | 10 m 42 | 14 <u>0</u> 33 | 16m.04 16m.10 | 12506 | 10Ω16 10Ω03 | 11 m 50 | 15 ≗ 40 15 ≗ 45 | 17m.04 17m.10 |
| 8S | 10©06 9©58 | 7 N 48 | 9 mg 26 9 mg 16 | 13 <u>⊕</u> 31 | 15 m 09 15 m 15 | 10554 | 8Ω49 | 10 m/33 10 m/24 | 14 <u>0</u> 38 | 16m.16 | 11©58 11©50 | 9 \$\Omega 50 | 11 mg 41 11 mg 32 | 15 24 5 15 2 5 0 | 17 m 17 |
| 9S | 9950 | 7£34 | 9 mg 06 | 13 ₾ 39 | 15m.21 | 10546 | 8£35 | 10 m, 15 | 14≗47 | 16m.22 | 115642 | 9⋒36 | 11 m 23 | 15 ≙ 55 | 17 m.23 |
| 10S | 9542 | 7ຄ20 | 8 m, 56 | 13 <u>⊶</u> 44 | 15 m 27 | 10ഇ38 | 8£21 | 10 mg 05 | 14≗52 | 16m.28 | 11533 | 9ຄ23 | 11 mg 14 | 16≗00 | 17m.29 |
| 118 | 9534 | 7 N 06 6 N 52 | 8 mg 45 | 13 <u>0</u> 48 | 15 m 33 | 10530 | 8.008 | 9 m 55 | 14 <u>2</u> 57 | 16m.35 | 11525 | 9209 | 11 m 05 | 16 a 05 | 17m36 17m42 |
| 12S 13S | 9 5 26 9 5 17 | 6£32 | 8 mg 35 8 mg 24 | 13 ♀ 53 | 15 m. 40 15 m. 46 | 10©21 10©13 | 7 N 53 | 9 m, 45 9 m, 35 | 15 ♀ 01 15 ♀ 07 | 16m.41 16m.48 | 11©17 11©09 | 8 N 55 8 N 41 | 10 m ₂ 55 10 m ₂ 46 | 16 亞 10 | 1711642 171649 |
| 14S | 9909 | 6£23 | 8 m 13 | 14 ₾ 02 | 15 m. 53 | 10©05 | 7⋒25 | 9 m 24 | 15 ₾ 12 | 16m.54 | 11500 | 8ภ27 | 10 m/36 | 16≏21 | 17m.56 |
| 15S | 9900 | 6A08 | 8 mg 01 | 14≗07 | 15 m 59 | 9\$56 | 7 Ω 10 | 9 m ₂ 13 | 15 ≏ 17 | 17m.01 | 10ഇ52 | 8 a 12 | 10 m/25 | 16≏27 | 18m.02 |
| 16S | 8952 | 5 N 53 | 7 m 50 | 14 🕰 12 | 16m.06 | 9547 | 6255 | 9 mg 02 | 15 ≏ 22 | 17m.08 | 10543 | 7.0.57 | 10 m 15 | 16 ₾ 32 | 18m.09 |
| 17S 18S | 8943 8934 | 5Ω38 5Ω22 | 7 m ₂ 37 | 14 <u>0</u> 17 | 16m.13 16m.20 | 9 5 39 | 6Ω40 6Ω24 | 8 m ₂ 51 8 m ₂ 39 | 15 ♀ 28 | 17m22 | 10 © 35 | 7 N 42 7 N 27 | 10 mg 04 9 mg 53 | 16 ≗ 38 | 18 m. 16 18 m. 23 |
| 198 | 8925 | 5a06 | 7 m, 12 | 14 <u>0</u> 27 | 16 m 27 | 9521 | 6209 | 8 m/ 27 | 15 - 39 | 17 m 29 | 10517 | 7.011 | 9 m, 41 | 16 - 50 | 18 m. 30 |
| 20S | 8গু16 | 4£050 | 6 m ₂ 59 | 14≗33 | 16m34 | 9\$12 | 5 A 52 | 8 mj 14 | 15 ≏ 45 | 17m36 | 10©08 | 6£055 | 9 m, 29 | 16≗57 | 18m.38 |
| 218 | 8907 | 4033 | 6 mg 46 | 14 <u>0</u> 38 | 16m.41 | 9503 | 5 N 36 | 8 m 01 | 15 <u>0</u> 51 | 17m.43 | 9559 | 6.039 | 9 m 17 | 17 ₾ 03 | 18m.45 |
| 22S 23S | 7958 7948 | 4Ω16 3Ω59 | 6 mg 32 6 mg 17 | 14 <u>2</u> 244 14 <u>2</u> 50 | 16m.48 | 853 8544 | 5Ω19 5Ω02 | 7 m, 48 7 m, 34 | 15 ≏ 57 16 ≏ 03 | 17m.51 17m.58 | 9 5 49 9 5 40 | 6Ω22 6Ω06 | 9 mg 05 8 mg 52 | 17 ≏ 10 17 ≏ 16 | 18 m. 53 19 m. 00 |
| 24S | 7539 | 3 ₪ 41 | 6 m, 02 | 14≗56 | 17m.03 | 8534 | 4 N 45 | 7 m, 20 | 16≗10 | 18m.06 | 9530 | 5Ω48 | 8 m, 38 | 17≏23 | 19m.08 |
| 25S | 7ഇ29 | 3 ຄ 23 | 5 m, 47 | 15 ♀ 02 | 17m.11 | 8গু25 | 4 <i>Ω</i> 27 | 7 m ₂ 05 | 16≏16 | 18 m. 14 | 9521 | 5 ຄ 3 0 | 8 m/ 24 | 17≗30 | 19m.16 |
| 26S | 7919 | 3205 | 5 m 30 | 15 ₾ 08 | 17m.19 | 8515 | 4.08 | 6 m 50 | 16 ₾ 23 | 18 m. 22 | 9511 | 5Ω12 | 8 m 09 | 17 ₾ 38 | 19m.24 |
| 27S 28S | 7න09 6න58 | 2Ω46 2Ω26 | 5 mg 14 4 mg 56 | 15 ≏ 15 | 17m27 17m35 | 8504 7554 | 3 Ω 49 3 Ω 30 | 6 mg 34 6 mg 17 | 16 ♀ 30 | 18m.30 18m.38 | 9500 850 | 4 Ω 54 4 Ω 34 | 7 m ₂ 54 7 m ₂ 39 | 17 ♀ 45 17 ♀ 53 | 19 m. 33 19 m. 41 |
| 29S | 6947 | 2206 | 4 m/ 38 | 15 ₾ 29 | 17m.44 | 75643 | 3 & 10 | 6 mg 00 | 16 ≙ 45 | 18m.47 | 8539 | 4Ω15 | 7 m 22 | 18≏01 | 19m.50 |
| 30S | 6937 | 1Ω46 | 4 m, 19 | 15 ≏ 36 | 17 m.53 | 7532 | 2 2 5 0 | 5 m/42 | 16≏53 | 18m.56 | 8528 | 3 ⋒ 54 | 7 m ₂ 05 | 18 ≏ 10 | 19m.59 |
| 31S 32S | 6 ඉ 25 6 ඉ 14 | 1 Ω 24 1 Ω 02 | 3 m, 59 3 m, 39 | 15 ♀ 43 15 ♀ 51 | 18m.02 18m.11 | 7 5 21 7 5 10 | 2 \alpha 2 9 2 \alpha 07 | 5 m 23 | 17 ♀ 01 17 ♀ 10 | 19m.05 19m.14 | 8517 8506 | 3 Ω 34 3 Ω 12 | 6 mg 47 6 mg 28 | 18요18 18요28 | 20m.08 20m.18 |
| 33S | 6902 | 0Ω40 | 3 mg 17 | 15 <u>2</u> 51 | 18 m 20 | 6958 | 1 \O 45 | 5 mg 03 4 mg 43 | 17≗10 | 19 m. 24 | 7954 | 2050 | 6 mg 09 | 18≗28 | 20 m 28 |
| 34S | 5950 | 0Ω17 | 2 m/54 | 16≏08 | 18m.30 | 6छ46 | 1 ຄ 22 | 4 m/21 | 17≗27 | 19m.34 | 7ഇ42 | 2 ຄ 27 | 5 m/48 | 18 ≏ 47 | 20m.38 |
| 35S | 5ഇ38 | 29\$53 | 2 m/31 | 16≗17 | 18m.40 | 6छ34 | 0Ω58 | 3 m/ 58 | 17≏37 | 19m.44 | 7930 | 2 2 0 0 3 | 5 m/ 26 | 18≏57 | 20m48 |
| 36S 37S | 5925 5912 | 29©28 29©02 | 2 m, 05 1 m, 39 | 16 2 6 16 2 35 | 18m.51 19m.01 | 6921 6908 | 0Ω33 0Ω07 | 3 m ₂ 34 3 m ₂ 09 | 17 ≗ 47 17 ≗ 57 | 19m.55 20m.06 | 75917 75904 | 1 N 39 | 5 mg 04 4 mg 39 | 19요07 19요18 | 20 m 59 21 m 10 |
| 38S | 4959 | 28935 | 1 mg 11 | 16≗35 | 19m.12 | 5954 | 29941 | 2 m/ 42 | 18≗08 | 20 m 17 | 6950 | 0 Ω 47 | 4 mg 14 | 19≗18 | 21 m 21 |
| 39S | 4945 | 28507 | 0 mg 41 | 16≗56 | 19m.24 | 5940 | 29\$13 | 2 m/13 | 18 ☎ 19 | 20m29 | 6936 | 0Ω19 | 3 m/47 | 19ჲ42 | 21 m.33 |
| 40S | 4930 | 27538 | 0 mg 09 | 17≏07 | 19m36 | 5926 | 28544 | 1 m/43 | 18≏31 | 20m.41 | 6ණ22 | 29\$50 | 3 m/18 | 19 ₾ 55 | 21 m.45 |
| 41S 42S | 4915 4900 | 27©08 26©36 | 29 A 36 29 A 00 | 17 ♀ 19 17 ♀ 31 | 19m48 20m01 | 5511 4556 | 28©14 27©43 | 1 m ₂ 11 0 m ₂ 37 | 18 ≏ 44 18 ≏ 57 | 20 m. 53 21 m. 06 | 6907 5952 | 29©21 28©49 | 2 mg 47 2 mg 14 | 20 <u>a</u> 08 | 21 m.58 22 m.11 |
| 43S | 3944 | 26904 | 28 \O22 | 17 ⊆ 31 | 20 m 15 | 4930 | 279510 | 0 mg 00 | 19≗11 | 21 m 20 | 5935 | 28517 | 1 m/ 39 | 20 2 22 | 22 m 25 |
| 44S | 3927 | 25©29 | 27£40 | 17≗58 | 20 m 29 | 4523 | 26535 | 29 A 20 | 19≏26 | 21 m 34 | 5919 | 275643 | 1 m/O1 | 20 ♀ 53 | 22 m 39 |
| 45S | 3510 | 24953 | 26256 | 18 ≏ 12 | 20 m. 43 | 4905 | 25@59 | 28 £ 38 | 19 ≏ 41 | 21 m 49 | 5901 | 27507 | 0 m 20 | 21 <u>0</u> 10 | 22 m 54 |
| 46S 47S | 2©51 2©32 | 24©15 23©35 | 26Ω08 25Ω17 | 18 ≏ 28 18 ≏ 44 | 20 m. 59 21 m. 15 | 3 5 4 7 3 5 2 8 | 25©22 24©42 | 27Ω52 27Ω02 | 19 ≏ 58 20 ≏ 16 | 22 m 05 22 m 21 | 49643 49624 | 26©29 25©49 | 29 N 36 28 N 48 | 21 <u>⊕</u> 28 21 <u>⊕</u> 47 | 23 m 10 23 m 27 |
| 48S | 2512 | 22553 | 24 200 | 19ჲ02 | 21 m 32 | 3508 | 24500 | 26 A 07 | 20≗35 | 22 m 38 | 4504 | 25©07 | 27£56 | 22 ♀ 07 | 23 m 44 |
| 498 | 1952 | 22508 | 23 N 19 | 19≏21 | 21 m 50 | 29647 | 23515 | 25 A 08 | 20≗55 | 22 m 56 | 35643 | 24523 | 26£159 | 22 ≏ 29 | 24 m 03 |
| 50S | 1929 | 21521 | 22Ω12 20Ω58 | 19요42 20요04 | 22 m 09 22 m 29 | 2925 | 22©28 21©37 | 24 \Omega 03 22 \Omega 52 | 21 <u>0</u> 17 | 23 m 16 23 m 36 | 3521 | 23@35 22@45 | 25 \Omega 57 | 22 <u>a</u> 53 23 <u>a</u> 18 | 24 m. 22 24 m. 43 |
| 51S 52S | 1 න 0 6 0 න 4 2 | 20 19 37 | 203138 19Ω37 | 20±04 20±28 | 22 m 50 | 2502 1537 | 20937 | 228152 21 £033 | 21 <u>a</u> 41 22 <u>a</u> 07 | 23 m 58 | 2557 2533 | 225645 | 24Ω47 23Ω31 | 23 <u>≈</u> 18 23 <u>≈</u> 45 | 24 m 43 25 m 05 |
| 53S | 0ഇ16 | 18540 | 18 Ω 07 | 20 ≏ 54 | 23 m 13 | 19311 | 19547 | 20 ₪ 05 | 22 ≏ 35 | 24 m 21 | 2506 | 20\$54 | 22206 | 24 ≏ 15 | 25 m 28 |
| 548 | 29П48 | 17938 | 16 Ω 27 | 21 ≏ 22 | 23 m 37 | 0943 | 18945 | 18Ω27 | 23 ≏ 06 | 24m45 | 1938 | 19553 | 20Ω30 | 24 ≏ 48 | 25 m 53 |
| 55S 56S | 29 II 18 28 II 46 | 16©32 15©21 | 14Ω34 12Ω28 | 21 <u>□</u> 54 22 <u>□</u> 29 | 24 m. 03 24 m. 31 | 0©13 29∏41 | 17539 16527 | 16 N 36 14 N 32 | 23 <u>a</u> 39 | 25 m. 12 25 m. 40 | 1©08 0©36 | 18 © 47 | 18Ω42 16Ω40 | 25 <u>a</u> 24 26 <u>a</u> 04 | 26 m. 20 26 m. 49 |
| 57S | 28 II 12 | 14903 | 123128 10Ω04 | 22 ± 29 23 ± 07 | 25 m 02 | 29 II 41 29 II 07 | 15909 | 148132 12\Omega 10 | 24 <u>1</u> 17 | 25 m 40 | 0902 | 16917 | 163740 14Ω20 | 26 <u>₽</u> 48 | 27 m 20 |
| 58S | 27П35 | 12539 | 7ຄ22 | 23 ♀ 50 | 25 m 35 | 28П29 | 135645 | 9ຄ28 | 25 ≙ 44 | 26m45 | 29П24 | 14951 | 11 <i>Ω</i> 40 | 27 ≗ 37 | 27 m 54 |
| 598 | 26 11 55 | 11506 | 4 N 16 | 24 <u>0</u> 39 | 26 m. 12 | 27 11 49 | 12511 | 6.0.22 | 26 △ 37 | 27 m. 22 | 28 11 43 | 13518 | 8£35 | 28 ₾ 33 | 28 m. 32 |
| 60S 61S | 26 II 10 25 II 21 | 9 5 24 7 5 30 | 0 വ 43 26 ഇ 38 | 25 ♀ 35 26 ♀ 39 | 26 m. 52 27 m. 37 | 27 II 04 26 II 14 | 10©28 8©33 | 2 N 48 28 5 3 9 | 27 ♀ 37 28 ♀ 45 | 28 m 03 28 m 48 | 27 II 58 27 II 08 | 11©34 9©38 | 4Ω59 0Ω48 | 29 ≏ 37 0 m.50 | 29 m 13 29 m 59 |
| 62S | 24 II 26 | 5922 | 21956 | 20 ≥ 39 27 ≥ 54 | 28 m. 27 | 25 II 18 | 6933 | 23@51 | 0m.06 | 29 m 40 | 26 II 12 | 7927 | 25@53 | 2 m 16 | 0 ₹ 52 |
| 63S | 23 Д23 | 2957 | 16533 | 29 ≏ 23 | 29 m 25 | 24П15 | 3556 | 18518 | 1 m.41 | 0 ₹ 39 | 25 Д 07 | 4957 | 20ഇ10 | 3 m 57 | 1 ₹ 52 |
| 648 | 22 11 10 | 0909 | 10927 | 1m.11 | 0 🗷 33 | 23 Д 01 | 1905 | 11956 | 3 m 37 | 1 🗷 48 | 23 11 52 | 2502 | 13932 | 6m.01 | 3 ₹ 03 |
| 65S 66S | 20 II 43 18 II 53 | 26 II 51 22 II 49 | 3©37 26∏08 | 3 m 25 6 m 19 | 1 ₹ 55 3 ₹ 41 | 21 Д32 19 Д39 | 27 II 42 23 II 30 | 4945 26∏51 | 6m.01 9m.11 | 3 ₹ 13 5 ₹ 02 | 22 II 22 20 II 25 | 28 II 34 24 II 13 | 5©59 27∏36 | 8 m 35 12 m 01 | 4 ₹ 29 6 ₹ 22 |
| pc | 18 II 33 17 II 35 | 22 II 49 20 II 12 | 20 II 08 21 II 43 | 8 m 30 | 4×158 | 19Д39 | 23 II 30 20 II 46 | 20 II 31 22 II 11 | 11m38 | 6×102 | 18耳59 | 24 II 13 21 II 19 | 27 II 36 22 II 39 | 12 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 7×149 |
| | | | | | | | | | | 222200 | | | | | |

| | Sid.Tir MC: | | 0m AR | MC: 75 | °00' | Sid.Tir MC: | | 4m AR :06'54 | MC: 76 | 5°00' | Sid.Tir MC: | ne: 5h08 | 8m AR :02'26 | MC: 77 | ′°00' |
|------------|--------------------------------|------------------|--|----------------------------------|-----------------------|--|----------------------------------|----------------------------|----------------------------------|----------------------|--|------------------------------|--|----------------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 13ഇ48 | 12ຄ32 | 13 m ₂ 43 | 16≏16 | 17m.27 | 145644 | 13 ຄ32 | 14 m 47 | 17 ≏ 21 | 18m.27 | 15©40 | 14£32 | 15 m 52 | 18≏25 | 19m.27 |
| 1S | 13540 | 12Ω19 | 13 m/35 | 16≏21 | 17m.33 | 14536 | 13 Q 19 | 14 m/40 | 17 ≏ 26 | 18m.33 | 15532 | 14⋒20 | 15 mg 46 | 18 ≏ 31 | 19m33 |
| 2S | 13533 | 12Ω07 | 13 mg 28 | 16≏26 | 17m.40 | 14528 | 13 A 07 | 14 mg 34 | 17 ≏ 31 | 18m.39 | 15©24 | 14Ω08 | 15 mg 39 | 18 ≏ 36 | 19m39 |
| 3S 4S | 13©25 13©17 | 11Ω55 11Ω42 | 13 m/20 13 m/13 | 16 ⊕ 31 | 17 m. 46 17 m. 52 | 14©21 14©13 | 12 \Omega 55 12 \Omega 43 | 14 m, 26 14 m, 19 | 17 ♀ 37 17 ♀ 42 | 18m.46 18m.52 | 15©16 15©09 | 13 \Omega 56 13 \Omega 43 | 15 m/33 15 m/26 | 18 ≏ 42 18 ≏ 47 | 19m.46 19m.52 |
| | | | | | | | | - | | | | | | | |
| 5S 6S | 13©09 13©01 | 11Ω29 11Ω17 | 13 m ₂ 05 12 m ₂ 57 | 16 ≗ 41 16 ≗ 46 | 17 m.58 18 m.05 | 14©05 13©57 | 12Ω30 12Ω18 | 14 mp 12 14 mp 05 | 17 ♀ 47 17 ♀ 53 | 18 m. 58 19 m. 05 | 15©01 14©53 | 13 Ω 31 13 Ω 19 | 15 mg 19 15 mg 12 | 18 ♀ 53 | 19m.58 20m.05 |
| 7S | 12953 | 11 Ω 04 | 12 mg 49 | 16≗40 | 18 m. 11 | 13937 | 12805 | 13 m ₂ 57 | 17≗53 | 19m.11 | 14933 | 13 Ω 06 | 15 mg 05 | 19 2 05 | 20 m 11 |
| 8S | 12945 | 10Ω51 | 12 mg 41 | 16≗57 | 18m.17 | 13541 | 11 £ 52 | 13 m/49 | 18 ≏ 04 | 19m.18 | 14537 | 12Ω53 | 14 m 58 | 19 ⊆ 11 | 20 m 18 |
| 9S | 12ॼ37 | 10ຄ37 | 12 mg 32 | 17≗02 | 18m.24 | 13@33 | 11 a 39 | 13 mg 41 | 18≏10 | 19m24 | 14529 | 12 ຄ 41 | 14 m/51 | 19 ≏ 17 | 20 m 24 |
| 10S | 12\$29 | 10ຄ24 | 12 m/24 | 17≗08 | 18m.30 | 13©25 | 11 ຄ26 | 13 m/33 | 18 ≙ 15 | 19m.31 | 14©21 | 12 ຄ28 | 14 m/43 | 19ჲ23 | 20 m. 31 |
| 118 | 12521 | 10Ω10 | 12 m 15 | 17 □ 13 | 18m.37 | 13917 | 11 \(\Omega 12 | 13 m 25 | 18≏21 | 19m37 | 149613 | 12Ω14 | 14 m 35 | 19 ₾ 29 | 20m38 |
| 12S | 125013 | 92.57 | 12 m 06 | 17 ≏ 19 | 18m.43 | 13509 | 10.059 | 13 m 17 | 18 ≏ 27 | 19m.44 | 14905 | 12 0 01 | 14 m 28 | 19 ≏ 36 | 20 m 45 |
| 13S 14S | 12©05 11©56 | 9 Ω 43 9 Ω 29 | 11 m, 57 11 m, 47 | 17 ≗ 25 17 ≗ 30 | 18 m. 50 18 m. 57 | 13©01 12©52 | 10Ω45 10Ω31 | 13 m, 08 12 m, 59 | 18 ≏ 33 18 ≏ 40 | 19m.51 19m.58 | 13©57 13©48 | 11 Ω 47 11 Ω 34 | 14 m/20 14 m/11 | 19 ≗ 42 19 ≗ 49 | 20m.51 20m.58 |
| 15S | 119548 | 9Ω14 | 11 m ₂ 38 | | 19 m. 04 | 12944 | 10Ω17 | | | 20 m. 05 | 13940 | 11ω20 | | 19 - 55 | 21 m 05 |
| 16S | 119948 | 9800 | 11 mg 28 | 17 ≗ 36 17 ≗ 43 | 1911LU4 | 12935 | 10 Ω 02 | 12 m 50 12 m 41 | 18 ♀ 46 18 ♀ 52 | 20 m 12 | 13931 | 11 Ω 05 | 14 m ₂ 03 13 m ₂ 54 | 20 ♣ 02 | 21 m 13 |
| 17S | 11931 | 8 N 45 | 11 mg 17 | 17 ⊆ 49 | 19 m. 18 | 12@27 | 9 N 48 | 12 m/ 31 | 18 ≏ 59 | 20 m 19 | 13@23 | 10251 | 13 mg 45 | 20 ₾ 09 | 21 m. 20 |
| 18S | 11522 | 8£30 | 11 m, 07 | 17≗55 | 19m25 | 12518 | 9ຄ33 | 12 m/21 | 19≏06 | 20m26 | 13514 | 10ຄ36 | 13 mg 36 | 20 ≏ 16 | 21 m 27 |
| 198 | 11©13 | 8 N 14 | 10 m, 56 | 18 ≏ 02 | 19m32 | 12©09 | 9Ω17 | 12 mg 11 | 19 ₾ 13 | 20m33 | 13505 | 10 ຄ21 | 13 m, 27 | 20 ≏ 24 | 21 m 35 |
| 20S | 11504 | 7£58 | 10 mg 45 | 18 2 08 | 19m.39 | 12500 | 9⋒02 | 12 mg 01 | 19≏20 | 20m.41 | 12556 | 10 ຄ 06 | 13 m 17 | 20 ₾ 31 | 21 m.42 |
| 218 | 10555 | 7.042 | 10 m 33 | 18 ₾ 15 | 19m47 | 11.642 | 8.046 | 11 m 50 | 19 ₾ 27 | 20m.49 | 12547 | 9250 | 13 m 07 | 20 ₾ 39 | 21 m 50 |
| 22S 23S | 10©45 10©36 | 7 N 26 7 N 09 | 10 m, 22 10 m, 09 | 18 ≏ 22 18 ≏ 29 | 19 m. 55 20 m. 02 | 119642 119632 | 8 N 30 | 11 m ₂ 39 | 19 ≗ 35 19 ≗ 42 | 20 m. 56 21 m. 04 | 12©38 12©28 | 9Ω34 9Ω18 | 12 m/56 12 m/45 | 20 2 47 | 21 m.58 22 m.06 |
| 24S | 10536 | 6252 | 9 m/ 56 | 18 - 27 | 20 m 10 | 11932 | 7256 | 11 mg 27 | 19♀50 | 21 m 12 | 12520 | 9201 | 12 mg 34 | 21 □ 03 | 22 m 14 |
| 25S | 10ഇ17 | 6Ω34 | 9 m ₂ 43 | 18 ≏ 44 | 20m.18 | 11513 | 7£39 | 11 m ₂ 03 | 19≏58 | 21 m. 20 | 12509 | 8ณ44 | 12 m ₂ 23 | 21 ≏ 12 | 22 m. 22 |
| 26S | 10507 | 6Ω16 | 9 m, 29 | 18 - 52 | 20 m. 27 | 11503 | 7 N 21 | 10 m ₂ 50 | 20 ₾ 06 | 21 m 29 | 11559 | 8 N 26 | 12 mg 11 | 21 <u>□</u> 20 | 22 m 31 |
| 27S | 9\$56 | 5 N 58 | 9 m, 15 | 19ჲ00 | 20m35 | 10ഇ53 | 7£03 | 10 m/36 | 20 🕰 15 | 21 m 37 | 115649 | 8 N 08 | 11 m, 58 | 21 ≏ 30 | 22 m 39 |
| 288 | 9546 | 5 N 39 | 9 mg 00 | 19 ₾ 09 | 20 m. 44 | 10942 | 6Ω44 | 10 m/22 | 20 ₾ 24 | 21 m. 46 | 11539 | 7.049 | 11 m/45 | 21 ₾ 39 | 22 m. 48 |
| 29S | 9935 | 5Ω19 | 8 m, 45 | 19≗17 | 20m.53 | 10ഇ32 | 6 £ 25 | 10 m, 08 | 20≗33 | 21 m 55 | 11528 | 7£30 | 11 m ₂ 31 | 21 ≏ 49 | 22 m 57 |
| 30S | 9925 | 40.59 | 8 m 29 | 19 2 6 | 21 m.02 | 10@21 | 6£05 | 9 m 53 | 20 ₾ 43 | 22 m 04 | 11517 | 7Ω11 | 11 m 17 | 21 ₾ 59 | 23 m 07 |
| 31S 32S | 9 © 13 | 4Ω39 4Ω17 | 8 m, 12 7 m, 54 | 19 ≗ 36 19 ≗ 45 | 21 m.11 21 m.21 | 10©10 9©58 | 5Ω44 5Ω23 | 9 m, 37 9 m, 20 | 20 <u>a</u> 52 21 <u>a</u> 03 | 22 m 14 22 m 24 | 11©06 10©55 | 6Ω50 6Ω29 | 11 mg 02 10 mg 47 | 22 <u>a</u> 09 | 23 m 16 23 m 26 |
| 33S | 8950 | 3255 | 7 m ₂ 3 4 | 19 ≗ 45 | 21 m 31 | 9947 | 5 N 01 | 9 m ₂ 03 | 21 <u>a</u> 13 | 22 m 34 | 10933 | 6Ω08 | 10 mg 30 | 22 <u>-2</u> 31 | 23 m 36 |
| 34S | 8938 | 3 A 33 | 7 m, 16 | 20 2 06 | 21 m 41 | 9935 | 4£39 | 8 m/44 | 21 ≏ 24 | 22 m 44 | 10ഇ31 | 5 Ω 45 | 10 m, 13 | 22 ≏ 43 | 23 m 47 |
| 35S | 8গু26 | 3⋒09 | 6 m, 55 | 20 ≏ 16 | 21 m 51 | 9522 | 4Ω15 | 8 m/ 25 | 21 ≙ 36 | 22 m 54 | 10519 | 5 ณ 22 | 9 m, 55 | 22 ≏ 55 | 23 m 57 |
| 36S | 8গু13 | 2 N 45 | 6 mg 34 | 20 ≏ 28 | 22 m 02 | 9ഇ10 | 3 N 51 | 8 mj 04 | 21 ≏ 48 | 23 m 05 | 10ഇ06 | 4£058 | 9 mg 36 | 23 ♀ 07 | 24m08 |
| 37S | 8500 | 2019 | 6 mg 11 | 20 ₾ 39 | 22 m 13 | 8956 | 3 & 26 | 7 m 43 | 22 ₾ 00 | 23 m 17 | 9953 | 4.033 | 9 m, 15 | 23 ₾ 20 | 24 m 20 |
| 38S 39S | 7 9 47 7 9 33 | 1 N 53 | 5 m/ 46 5 m/ 21 | 20 to 52 21 to 05 | 22 m. 25 22 m. 37 | 8 9 43 | 3 N 00 2 N 33 | 7 mg 20 6 mg 56 | 22 <u>a</u> 13 22 <u>a</u> 27 | 23 m. 28 23 m. 41 | 9 9 39 | 4Ω08 3Ω41 | 8 m, 54 8 m, 31 | 23 <u>a</u> 34 23 <u>a</u> 49 | 24 m 32 24 m 44 |
| 40S | | 0Ω57 | | 21 - 03 | 22 m. 49 | | 2005 | | 22 - 27 | 23 m 53 | 9511 | 3 & 13 | 8 m ₂ 07 | 24 <u>0</u> 04 | 24m.57 |
| 40S 41S | 7ණ18 7ණ03 | 0 <i>8</i> 237 | 4 m/53 4 m/24 | 21 <u>2</u> 18 | 22 IIL 49 23 IL 02 | 8 8 8 8 8 9 9 9 | 1 \O 35 | 6 mg 30 6 mg 02 | 22 <u>2</u> 41 | 24 m 06 | 8956 | 2 \Omega 43 | 7 mg 41 | 24 <u>22</u> 04 | 25 m 10 |
| 42S | 6948 | 29\$57 | 3 m 53 | 21 <u>□</u> 48 | 23 m. 16 | 79344 | 1 204 | 5 m/ 32 | 23 ₾ 12 | 24 m 20 | 8940 | 2 \Omega 13 | 7 mg 13 | 24 <u>□</u> 37 | 25 m 23 |
| 43S | 6ഇ32 | 29\$24 | 3 m, 19 | 22 ♀ 03 | 23 m 30 | 7ණ28 | 0ຄ32 | 5 mg 01 | 23 ₾ 29 | 24 m 34 | 8গু24 | 1 2 4 1 | 6 m/43 | 24 ≏ 54 | 25 m 38 |
| 44S | 6 © 15 | 28\$50 | 2 m, 43 | 22 ₾ 20 | 23 m 44 | 7511 | 29\$58 | 4 m/27 | 23 △ 47 | 24 m 49 | 8208 | 1 207 | 6 mg 11 | 25 ₾ 13 | 25 m.53 |
| 45S | 5957 | 28514 | 2 m/04 | 22 <u>0</u> 38 | 23 m 59 | 6 <u>ඉ</u> 54 | 29523 | 3 m 50 | 24 ♀ 06 | 25 m 04 | 7950 | 0 ຄ 3 2 | 5 m/ 36 | 25 ₾ 33 | 26m.08 |
| 46S 47S | 5ഇ39 5ഇ20 | 27©37 26©57 | 1 m/22 0 m/37 | 22 ♀ 57 23 ♀ 17 | 24 m 15 24 m 32 | 6 ඉ 35 6 ඉ 16 | 28 9 45 28 9 06 | 3 m, 10 2 m, 26 | 24 <u>₽</u> 26 24 <u>₽</u> 47 | 25 m 20 25 m 37 | 7932 7913 | 29@55 29@15 | 4 m ₂ 59 4 m ₂ 17 | 25 a 54 26 a 16 | 26m25 26m42 |
| 47S 48S | 5900 | 26937 | 29 A 47 | 23 € 17 | 24 11 L 32 | 5956 | 27924 | 2 np 20 1 mp 39 | 25 ≗ 10 | 25 m 55 | 6952 | 28534 | 3 mg 33 | 26 <u>2</u> 40 | 2011.42 27 m.00 |
| 49S | 4939 | 25@31 | 28252 | 24 ♀ 02 | 25 m 08 | 5935 | 26940 | 0 m, 47 | 25 ₾ 35 | 26 m 14 | 6931 | 27950 | 2 m/43 | 27 △ 06 | 27 m 19 |
| 50S | 4গু17 | 245644 | 27 Q 52 | 24 <u>₽</u> 27 | 25 m.28 | 5913 | 25@53 | 29 & 49 | 26≏01 | 26m.34 | 6909 | 27903 | 1 m ₂ 49 | 27 ≏ 34 | 27m39 |
| 51S | 3553 | 23554 | 26⋒45 | 24 ⊆ 54 | 25 m 49 | 45649 | 25©03 | 28⋒46 | 26 ≏ 29 | 26m55 | 5946 | 26513 | 0 m, 48 | 28 ≏ 04 | 28 m 00 |
| 52S | 3528 | 23500 | 25 232 | 25 | 26m.11 | 4524 | 24510 | 27 A 35 | 27 ₾ 00 | 27m.17 | 5921 | 25@20 | 29 241 | 28 ₾ 36 | 28 m. 23 |
| 53S 54S | 3©02 2©34 | 22so03 21so02 | 24Ω09 22Ω37 | 25 a 55 26 a 30 | 26 m. 35 27 m. 00 | 3 © 58 3 © 30 | 23©13 22©11 | 26Ω16 24Ω47 | 27 <u>₽</u> 34 28 <u>₽</u> 10 | 27 m. 41 28 m. 07 | 4954 4926 | 24©23 23©22 | 28Ω25 27Ω00 | 29 ♀ 11 29 ♀ 50 | 28m47 29m13 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 2©04 1©32 | 19©55 18©43 | 20 N 52 18 N 52 | 27 ♀ 08 27 ♀ 50 | 27 m 27 27 m 56 | 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 | 21©05 19©53 | 23 \Quad 05 21 \Quad 09 | 28 ♀ 50 29 ♀ 35 | 28 m 34 29 m 04 | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 22©15 21©03 | 25 \Omega 23 \Omega 31 | 0 m 32 1 m 19 | 29 m.41 0 ≠ 11 |
| 57S | 0 9 57 | 17925 | 16Ω36 | 28 ≗ 37 | 28 m. 28 | 1952 | 18933 | 18£56 | 0m.24 | 29 m 36 | 29648 | 19945 | 21 N 21 | 2 m 10 | 0x-11 0x-43 |
| 58S | 0ഇ19 | 15959 | 13 £ 57 | 29 ₾ 29 | 29 m 03 | 1914 | 17508 | 16 N 21 | 1 m. 19 | 0×11 | 2510 | 18518 | 18£50 | 3 m 08 | 1∡19 |
| 59S | 29П38 | 14925 | 10£54 | 0m28 | 29m41 | 0ഇ33 | 15934 | 13 Q 19 | 2 m 22 | 0 ₹ 49 | 1 5 2 8 | 16943 | 15 A 52 | 4 m. 14 | 1 ₹ 58 |
| 60S | 28 Д 52 | 12540 | 7 Ω 18 | 1 m 35 | 0 ₹ 23 | 29П47 | 13ഇ48 | 9⋒45 | 3 m 32 | 1 ₹ 32 | 0ഇ42 | 14957 | 12 Q 20 | 5 m 28 | 2 ₹ 41 |
| 618 | 28 II 02 | 10943 | 3 204 | 2 m 53 | 1 🗷 10 | 28П56 | 11950 | 5 A 30 | 4m.54 | 2 7 20 | 29 Д 51 | 12559 | 8£05 | 6 m 53 | 3 🗷 29 |
| 62S 63S | 27П05 26П00 | 8 9 31 | 28©05 22©11 | 4m.23 6m.11 | 2 ₹ 03 3 ₹ 04 | 27 II 59 26 II 53 | 9 9 36 | 0 ഹ 25 24 ഇ 21 | 6 m 29 8 m 23 | 3 ₹ 14 4 ₹ 16 | 28 II 53 27 II 47 | 10544 8507 | 2£657 26543 | 8 m. 33 10 m. 32 | 4 ₹ 24 5 ₹ 27 |
| 64S | 24 II 44 | 3939 | 15916 | 8 m. 22 | 4×17 | 25 II 36 | 4901 | 17909 | 10m.41 | 5 x 30 | 26 II 29 | 5903 | 19912 | 10 m 52 | 6×42 |
| 65S | 23 Д 11 | 29П27 | 7 © 18 | 11 m 07 | 5 <i>x</i> ¹45 | 24 11 02 | 0922 | 8944 | 13 m. 36 | 7 ₹ 00 | 24 II 52 | 1938 | 10918 | 16 m. 02 | 8 🗷 15 |
| 66S | 21 II 11 | 24II 56 | 28 II 24 | 14 m 49 | 7×142 | 21 II 57 | 25 II 41 | 29П14 | 17 m. 34 | 9 \$7 01 | 22 II 44 | 26 II 27 | 0908 | 20 m 17 | 10 ₹ 20 |
| pc | 19П40 | 21 Д 53 | 23 Д 06 | 17 m 52 | 9 ∡ 14 | 20П22 | 22П27 | 23 Д34 | 20m.59 | 10 ≈ 38 | 21 Д 04 | 23 Д01 | 24П01 | 24 m 06 | 12 ₹ 03 |
| Calcula | | | | | | | | | | | | | ļ. | | |

| | Sid.Tir MC: | | 2m AR 57'53 | MC: 78 | °00' | Sid.Tir MC: | | 6m AR :53'17 | MC: 79 | 9°00' | Sid.Tir MC: | ne: 5h20 20П | Om AR :48'38 | MC: 80 |)°00' |
|------------|--------------------------------|-------------------|--|----------------------------------|----------------------|----------------------------------|--------------------|--|------------------------------|----------------------|----------------|--------------------|--|----------------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 16ഇ35 | 15 ຄ 32 | 16 m ₂ 57 | 19ჲ30 | 20m.26 | 17931 | 16ູດ32 | 18 m, 02 | 20മ34 | 21 m 25 | 18©27 | 17£33 | 19 m, 07 | 21 ₾ 38 | 22 m 24 |
| 1S | 16©28 | 15 Ω 20 | 16 mp 51 | 19≗35 | 20 m 32 | 17ഇ24 | 16 21 | 17 m, 56 | 20≗40 | 21 m 32 | 18920 | 17£21 | 19 mg 02 | 21 ≏ 44 | 22 m 31 |
| 2S | 16920 | 15Ω08 | 16 mg 45 | 19 ≏ 41 | 20m.39 | 17916 | 16Ω09 | 17 m ₂ 51 | 20≗46 | 21 m 38 | 18912 | 17Ω10 | 18 m, 57 | 21 ≏ 51 | 22 m 37 |
| 3S | 16912 | 14.056 | 16 m 39 | 19 △ 47 | 20m.45 | 17508 | 15 0 16 | 17 m 45 | 20 <u>a</u> 52 | 21 m. 44 | 18505 | 16.059 | 18 m 52 | 21 - 57 | 22 m 44 |
| 4S | 16505 | 14Ω44 | 16 mg 33 | 19≗53 | 20m.52 | 17501 | 15Ω46 | 17 mg 40 | 20≗58 | 21 m.51 | 17957 | 16Ω47 | 18 m, 47 | 22 △ 04 | 22 m 50 |
| 5S | 15957 | 14232 | 16 m/26 | 19 ₾ 59 | 20 m 58 | 16953 | 15Ω34 | 17 mg 34 | 21 ≏ 05 | 21 m 58 | 179549 | 16Ω35 | 18 mg 41 | 22 ♀ 10 | 22 m 57 |
| 6S 7S | 15549 | 14 0 08 | 16 m 20 | 20 ₾ 05 | 21 m 05 | 16545 | 15 0 00 | 17 m 28 | 21 <u>0</u> 11 | 22 m 04 | 175341 | 16 0 11 | 18 m 36 | 22 <u>a</u> 17 22 <u>a</u> 24 | 23 m 04 23 m 10 |
| 8S | 15ഇ41 15ഇ33 | 14Ω08 13Ω55 | 16 mg 14 16 mg 07 | 20 <u>₽</u> 11 | 21 m.11 21 m.18 | 16 ඉ 37 16 ඉ 29 | 15Ω09 14Ω57 | 17 m, 22 17 m, 16 | 21 <u>2</u> 18 | 22 m 11 22 m 18 | 17534 17526 | 16Ω11 15Ω59 | 18 mg 30 18 mg 25 | 22 <u>~</u> 24 | 23 m 17 |
| 9S | 15@25 | 13 & 43 | 16 mg 00 | 20 □ 24 | 21 m. 24 | 16922 | 140245 | 17 mg 10 | 21 🖴 31 | 22 m 24 | 17928 | 15 \$\alpha 47 | 18 mg 19 | 22 ₾ 38 | 23 m. 24 |
| 10S | 15©17 | 13 ຄ 30 | 15 m 53 | 20 ₾ 30 | 21 m.31 | 16514 | 14Ω32 | 17 m 03 | 21 ≏ 38 | 22 m. 31 | 17910 | 15 ຄ35 | 18 m ₂ 13 | 22 ≏ 45 | 23 m. 31 |
| 11S | 15909 | 13 N 17 | 15 mg 46 | 20 2 37 | 21 m 38 | 16905 | 14Ω19 | 16 mg 57 | 21 <u>2</u> 36 | 22 m 38 | 17902 | 15 N 22 | 18 mg 07 | 22 <u>a</u> 52 | 23 m 38 |
| 12S | 15©01 | 13 A 04 | 15 m 39 | 20 <u>a</u> 44 | 21 m.45 | 15957 | 14Ω06 | 16 m 50 | 21 - 52 | 22 m 45 | 16954 | 15 Ω 09 | 18 mg 01 | 22 ₾ 59 | 23 m.45 |
| 13S | 14953 | 12£50 | 15 mg 31 | 20 🖴 51 | 21 m 52 | 15949 | 13 № 53 | 16 mg 43 | 21 ≏ 59 | 22 m 52 | 16946 | 14£056 | 17 m, 55 | 23 ♀ 07 | 23 m 52 |
| 14S | 14945 | 12 ຄ 37 | 15 mg 24 | 20≗57 | 21 m 59 | 15941 | 13 ຄ 40 | 16 mg 36 | 22 ♀ 06 | 22 m 59 | 16937 | 14 Q 43 | 17 m, 49 | 23 ₾ 15 | 23 m 59 |
| 15S | 14536 | 12 & 23 | 15 mg 16 | 21 🖴 05 | 22 m 06 | 15ള33 | 13 ຄ 26 | 16 m, 29 | 22 🕰 14 | 23 m 06 | 16ഇ29 | 14Ω30 | 17 mp 42 | 23 ₾ 22 | 24 m 07 |
| 16S | 14528 | 12209 | 15 mg 08 | 21 ≏ 12 | 22 m 13 | 15©24 | 13 Q 12 | 16 m/21 | 22 ≏ 21 | 23 m 14 | 16©21 | 14Ω16 | 17 m 35 | 23 ₾ 30 | 24 m 14 |
| 17S | 14519 | 11.0.54 | 14 m 59 | 21 ₾ 19 | 22 m 21 | 15@15 | 12.058 | 16 mg 14 | 22 ₾ 29 | 23 m.21 | 16912 | 14 \(\O \) 02 | 17 m 28 | 23 <u>∩</u> 38 | 24 m.21 |
| 18S 19S | 14©10 14©02 | 11Ω40 11Ω25 | 14 m ₂ 51 14 m ₂ 42 | 21 <u>∞</u> 27 21 <u>∞</u> 34 | 22 m 28 22 m 36 | 15 ඉ 07 14 ඉ 58 | 12Ω44 12Ω29 | 16 mg 06 15 mg 58 | 22 <u>a</u> 37 | 23 m. 29 23 m. 36 | 16©03 15©55 | 13 A 48 | 17 m, 21 17 m, 14 | 23 <u>⊕</u> 47 23 <u>⊕</u> 55 | 24m29 24m37 |
| - 1 | | | | | | | | | | | | | | | |
| 20S 21S | 13©53 13©43 | 11Ω10 10Ω54 | 14 mg 33 14 mg 24 | 21 <u>⊕</u> 42 21 <u>⊕</u> 50 | 22 m. 43 22 m. 51 | 14549 14540 | 12Ω14 11Ω59 | 15 mg 49 15 mg 41 | 22 \omega 53 23 \omega 02 | 23 m. 44 23 m. 52 | 15©46 15©37 | 13 Ω 19 13 Ω 04 | 17 mg 06 16 mg 58 | 24 <u>a</u> 04 | 24m45 24m53 |
| 22S | 13934 | 102234 10238 | 14 m/24 | 21 <u>2</u> 59 | 22 m 59 | 14931 | 11 Ω 43 | 15 mg 32 | 23 € 10 | 24 m 00 | 15937 | 12 Ω48 | 16 mg 50 | 24 <u>2</u> 13 | 25 m 01 |
| 23S | 13\$25 | 10 ຄ 22 | 14 m 04 | 22 <u>₽</u> 07 | 23 m 07 | 14521 | 11 Ω 27 | 15 m/ 23 | 23 ₾ 19 | 24m.08 | 15918 | 12 Ω33 | 16 m/42 | 24 ₾ 31 | 25 m 09 |
| 24S | 13ഇ15 | 10£06 | 13 m, 54 | 22 ≏ 16 | 23 m 15 | 14912 | 11Ω11 | 15 mg 13 | 23 ₾ 28 | 24m16 | 15ഇ09 | 12Ω17 | 16 mg 33 | 24≗41 | 25 m 17 |
| 25S | 13506 | 9⋒49 | 13 mg 43 | 22 ≏ 25 | 23 m.24 | 14902 | 10Ω54 | 15 mg 03 | 23 <u> </u> | 24 m 25 | 14959 | 12 ຄ 00 | 16 m/24 | 24 🕰 51 | 25 m 26 |
| 26S | 12©56 | 9⋒31 | 13 mg 32 | 22 ≏ 34 | 23 m 32 | 13ഇ52 | 10ຄ37 | 14 m ₂ 53 | 23 ≏ 48 | 24 m 34 | 149649 | 11 Ω43 | 16 mg 14 | 25 ♀ 01 | 25 m 35 |
| 27S | 12545 | 9Ω13 | 13 m/20 | 22 <u>□</u> 44 | 23 m.41 | 13 5 42 | 10 2 19 | 14 m/42 | 23 ₾ 58 | 24 m 42 | 14539 | 11 226 | 16 m 05 | 25 ₾ 11 | 25 m. 44 |
| 28S 29S | 12 9 35 | 8 N 55 8 N 36 | 13 mg 08 12 mg 55 | 22 <u>a</u> 54 23 <u>a</u> 04 | 23 m 50 23 m 59 | 13@32 13@21 | 10Ω01 9Ω43 | 14 mp 31 14 mp 19 | 24 <u>a</u> 08 | 24 m. 52 25 m. 01 | 14©29 14©18 | 11Ω08 10Ω49 | 15 m, 54 15 m, 44 | 25 ⊕ 22 25 ⊕ 33 | 25 m.53 26 m.02 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 12©14 12©03 | 8Ω17 7Ω57 | 12 mg 42 12 mg 28 | 23 <u>a</u> 14 23 <u>a</u> 25 | 24 m 09 24 m 18 | 13©10 12©59 | 9 ຄ 2 3 9 ຄ 0 3 | 14 m ₂ 07 13 m ₂ 54 | 24 <u>2</u> 30 | 25 m 10 25 m 20 | 14©07 13©56 | 10Ω30 10Ω11 | 15 m ₂ 33 | 25 a 45 25 a 57 | 26m12 26m22 |
| 32S | 11951 | 7236 | 12 mg 14 | 23 ⊆ 37 | 24 m 28 | 12539 | 8 N 43 | 13 mg 41 | 24 <u>0</u> 53 | 25 m 30 | 13936 | 9251 | 15 mg 09 | 26 - 209 | 26 m 32 |
| 33S | 115640 | 7Ω15 | 11 m 58 | 23 <u>₽</u> 48 | 24 m 38 | 12536 | 8£22 | 13 m/27 | 25 2 05 | 25 m 41 | 13533 | 9ຄ30 | 14 m 56 | 26 ₾ 22 | 26m42 |
| 34S | 11528 | 6£052 | 11 mg 42 | 24≗01 | 24 m 49 | 12ഇ24 | 8000 | 13 mg 12 | 25 ≏ 18 | 25 m 51 | 13521 | 9⋒08 | 14 mj 42 | 26≗35 | 26 m 53 |
| 35S | 11©15 | 6£30 | 11 m/25 | 24 🕰 13 | 25 m 00 | 12©12 | 7ຄ37 | 12 m, 56 | 25 ≏ 31 | 26m02 | 13509 | 8 2 46 | 14 m/28 | 26 🕰 49 | 27m04 |
| 36S | 11503 | 6Ω06 | 11 mg 08 | 24 2 27 | 25 m 11 | 11559 | 7Ω14 | 12 mg 40 | 25 △ 45 | 26m 13 | 12556 | 8 N 22 | 14 m 13 | 27 ≏ 04 | 27m15 |
| 37S 38S | 10550 | 5Ω41 5Ω16 | 10 mg 49 10 mg 29 | 24 <u>a</u> 40 | 25 m 23 25 m 35 | 11©46 11©33 | 6.024 | 12 m/22 12 m/04 | 26 ₾ 00 | 26 m. 25 26 m. 37 | 12543 | 7.058 | 13 m ₂ 57 13 m ₂ 40 | 27 ♀ 19 27 ♀ 35 | 27m27 27m39 |
| 39S | 10ഇ36 10ഇ22 | 4Ω49 | 10 mg 29 | 24 2 33 25 2 10 | 25 m 47 | 11933 | 5 N 58 | 12 ng 04 11 mg 44 | 26≗13 | 26 m 50 | 12930 | 7807 | 13 m/ 22 | 27 ≗ 33 | 27 m 52 |
| 40S | 10008 | 4Ω21 | 9 mg 45 | 25 - 26 | 26 m.00 | 11905 | 5 \Omega3 0 | 11 m ₂ 23 | 26 - 48 | 27 m 03 | 12502 | 6Ω40 | 13 m ₂ 03 | 28 - 209 | 28 m. 05 |
| 40S | 9953 | 3 N 52 | 9 mg 20 | 25 2 43 | 26 m 13 | 10950 | 5 N 01 | 11 mg 01 | 27 <u>2</u> 05 | 27 m 16 | 119547 | 6Ω11 | 13 mg 42 | 28 <u>2</u> 27 | 28 m 19 |
| 42S | 9937 | 3 N 22 | 8 m 54 | 26 - 200 | 26 m 27 | 10ഇ34 | 4Ω31 | 10 m/ 37 | 27 ≏ 23 | 27 m 30 | 11531 | 5Ω41 | 12 m/20 | 28 - 46 | 28 m. 33 |
| 43S | 9521 | 2250 | 8 m, 27 | 26 🕰 19 | 26m41 | 10ഇ18 | 4Ω00 | 10 mg 11 | 27 ≏ 43 | 27 m 45 | 119515 | 5 Q 10 | 11 m, 56 | 29 ≏ 06 | 28 m 48 |
| 44S | 9ഇ04 | 2 N 17 | 7 m, 56 | 26≗38 | 26m.56 | 10©01 | 3 № 27 | 9 m, 43 | 28 ₾ 03 | 28 m 00 | 10ഇ58 | 4£37 | 11 mg 30 | 29 ₾ 28 | 29 m 03 |
| 45S | 8গু47 | 1 ₪ 42 | 7 m, 24 | 26≗59 | 27 m.12 | 9944 | 2 N 52 | 9 m, 13 | 28 ₾ 25 | 28m16 | 10941 | 4£003 | 11 mg 03 | 29 ₾ 51 | 29 m 19 |
| 46S | 8528 | 1 2 0 5 | 6 m 49 | 27 <u>2</u> 21 | 27m29 | 9525 | 2015 | 8 mg 40 | 28 <u>△</u> 48 | 28 m 32 | 10522 | 3 \Omega 26 | 10 m 32 | 0m.15 | 29 m 36 |
| 47S 48S | 8 © 09 7 © 49 | 0 മ 26 29 ഇ 44 | 6 mg 10 5 mg 28 | 27 ♀ 45 28 ♀ 10 | 27 m.46 28 m.04 | 9 9 06 8 9 46 | 1 | 8 m, 04 7 m, 25 | 29 a 13 | 28 m. 50 29 m. 08 | 10©03 9©43 | 2 N 48 2 N 07 | 9 m, 59 9 m, 23 | 0 m. 40 1 m. 08 | 29 m.54 0 x 12 |
| 49S | 79949 | 299944 | 4 m/ 42 | 28 2 37 | 28 m. 24 | 8925 | 0 2 12 | 6 mg 41 | 0m.08 | 29 m 28 | 99943 | 1 \O 24 | 8 mg 43 | 1 m 37 | 0x·12 0x·32 |
| 50S | 7ഇ06 | 28514 | 3 m/ 50 | 29 ♣ 06 | 28 m. 44 | 8903 | 29926 | 5 m ₂ 54 | 0m.38 | 29 m. 48 | 9500 | 0ຄ38 | 7 m ₂ 59 | 2 m 09 | 0 ₹ 52 |
| 51S | 6942 | 27924 | 2 m/ 53 | 29 ₾ 38 | 29 m 05 | 7939 | 28936 | 5 mg 00 | 1m.11 | 0 \$7 10 | 8936 | 29949 | 7 mg 09 | 2 m 43 | 1 7 14 |
| 52S | 6917 | 26531 | 1 m ₂ 50 | 0 m. 12 | 29 m 28 | 7গু14 | 275643 | 4 m, 00 | 1 m.46 | 0 ₹ 33 | 8গু11 | 28\$56 | 6 m/ 14 | 3 m 19 | 1 ₹ 38 |
| 53S | 5951 | 25934 | 0 m 38 | 0m.48 | 29 m 53 | 6947 | 26947 | 2 m 53 | 2 m 24 | 0 ₹ 58 | 79344 | 28500 | 5 mg 11 | 3 m 59 | 2 7 02 |
| 54S | 5922 | 24933 | 29Ω17 | 1 m 29 | 0 ₹ 19 | 6919 | 25945 | 1 m/36 | 3 m.06 | 1 ₹ 24 | 7916 | 26959 | 4 m, 00 | 4 m 43 | 2 ₹ 29 |
| 55S | 4952 | 23927 | 27 Ω 44 | 2 m 13 | 0×147 | 5949 | 24939 | 0 m 09 | 3 m. 52 | 1 🗷 52 | 6946 | 25953 | 2 m/ 37 | 5 m 31 | 2 7 58 |
| 56S 57S | 4ഇ20 3ഇ44 | 22©15 20©56 | 25 Ω 57 23 Ω 52 | 3 m 01 3 m 55 | 1 ∡ 17 1 ∡ 50 | 5916 4941 | 23©27 22©09 | 28 N 27 26 N 29 | 4 m. 43 5 m. 39 | 2 x 23 2 x 56 | 6913 5938 | 24©41 23©22 | 1 m ₂ 02 29 Ω 10 | 6 m 23 7 m 22 | 3 ₹ 28 4 ₹ 02 |
| 58S | 39944 | 19930 | 238632 $21\Omega 26$ | 4m.56 | 2×26 | 49941 | 20942 | 24Ω08 | 6m.42 | 3 x 32 | 4959 | 21956 | 26£57 | 8 m. 27 | 4×·02 |
| 59S | 2524 | 17954 | 18£33 | 6m.04 | 3 ≈ 05 | 3@20 | 19©07 | 21 221 | 7 m 53 | 4 ₹ 12 | 49517 | 20@20 | 24 N 17 | 9m.40 | 5 ₹ 18 |
| 60S | 1538 | 16508 | 15 Ω 04 | 7 m 22 | 3 ₹ 49 | 2534 | 17520 | 17£57 | 9m.14 | 4 <i>₹</i> 56 | 3530 | 18533 | 21 201 | 11 m 04 | 6≉03 |
| 61S | 0ഇ46 | 14508 | 10⋒51 | 8m.51 | 4 ₹ 38 | 1 5 4 2 | 15©20 | 13 ຄ 48 | 10m46 | 5 <i>≯</i> 46 | 2538 | 16532 | 16£57 | 12 m 40 | 6₹53 |
| 62S | 29П48 | 11@52 | 5Ω41 | 10m.35 | 5 ₹ 33 | 0943 | 13502 | 8 A 38 | 12 m 35 | 6 ₹ 42 | 1539 | 14514 | 11Ω49 | 14m.32 | 7 ₹ 50 |
| 63S | 28 II 41 | 9914 | 29518 | 12 m. 40 | 6×137 | 29П36 | 10@23 | 2009 | 14 m 44 | 7 🗷 47 | 0931 | 11933 | 5Ω16 2(Ω52 | 16m.46 | 8 🗷 56 |
| 64S | 27 II 22 | 6907 | 21529 | 15 m. 12 | 7 ₹ 53 | 28 11 15 | 7913 | 24901 | 17 m.23 | 9 🗷 04 | 291110 | 8920 | 26952 | 19 m. 31 | 10 🗷 14 |
| 65S | 25 Π44 23 Π32 | 2917 | 12503 | 18m26 | 9 🗷 28 | 26 II 36 | 3917 | 14500 | 20 m 46 | 10×141 | 27 II 28 | 4920 29π54 | 16913 | 23 m 03 | 11 🗷 53 |
| 66S | 4.3 H 34 | 27 II 14 | 1 ഇ 06 | 22 m 57 | 11 ∡ 37 | 24 II 20 | 28 II 03 | 2ഇ09 | 25 m 33 | 12 ₹ 54 | 25 II 09 | 28 II 54 | 3920 | 28m07 | 14 ₹ 10 |
| рс | 21 Д 45 | 23 Д 35 | 24П29 | 27 m 11 | 13 ₹ 27 | 22 II 27 | 24II08 | 24 II 57 | 0∡16 | 14 ₹ 51 | 23 Д 08 | 24 II 42 | 25Ⅱ24 | 3 ∡ 18 | 16 ₹ 14 |

| | Sid.Tir MC: | | 4m AR (43'55 | MC: 81 | °00' | Sid.Tir MC: | | 8m AR 39'09 | MC: 82 | 2°00' | Sid.Tir MC: | ne: 5h32 2311 | 2m AR 34'21 | RMC: 83 | 5°00' |
|------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------------------|----------------------|--------------------|--|----------------------------------|----------------------|--------------------------------|------------------------------|----------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 19ഇ24 | 18£34 | 20 mg 12 | 22 ≏ 42 | 23 m 23 | 20ഇ20 | 19£35 | 21 m/17 | 23 ≏ 46 | 24 m 21 | 21516 | 20 236 | 22 m/22 | 24 ≏ 49 | 25 m 20 |
| 18 | 19516 | 18 0 22 | 20 m 07 | 22 <u>△</u> 48 | 23 m.29 | 20@12 | 19 0 12 | 21 m 13 | 23 ₾ 52 | 24 m 25 | 21509 | 20 225 | 22 m 19 | 24 ♀ 56 | 25 m 27 |
| 2S 3S | 19©08 19©01 | 18Ω11 18Ω00 | 20 mg 03 19 mg 58 | 22 <u>a</u> 55 | 23 m. 36 23 m. 43 | 20©05 19©57 | 19Ω13 19Ω02 | 21 m ₂ 09 21 m ₂ 05 | 23 <u>a</u> 59 24 <u>a</u> 07 | 24 m 35 24 m 42 | 21©01 20©54 | 20 Ω 14 20 Ω 03 | 22 mg 15 22 mg 12 | 25 a 04 25 a 11 | 25 m. 33 25 m. 40 |
| 4S | 18953 | 17Ω49 | 19 mg 54 | 23 ♣ 02 | 23 m 49 | 19950 | 18£02 | 21 mg 03 | 24 2 07 | 24 m 48 | 20934 | 19 \$\alpha 52 | 22 m/ 08 | 25 € 11 | 25 m 47 |
| 5S | 18 © 45 | 17.Ω37 | 19 mg 49 | 23 ₾ 16 | 23 m 56 | 19542 | 18Ω39 | 20 m 56 | 24≗21 | 24 m 55 | 20@38 | 19Ω41 | 22 m 04 | 25 | 25 m.54 |
| 6S | 18938 | 17 Ω 25 | 19 mg 44 | 23 € 23 | 24 m 03 | 19534 | 18£28 | 20 m 52 | 24 <u>2</u> 21 | 25 m 02 | 20938 | 198241 | 22 m 00 | 25 € 34 | 26m.01 |
| 7S | 18930 | 17Ω14 | 19 m 39 | 23 ♀ 30 | 24 m 10 | 19ള26 | 18£16 | 20 m/48 | 24≗36 | 25 m 09 | 20ഇ23 | 19 19 | 21 m 57 | 25 △ 41 | 26m.08 |
| 8S | 18522 | 17£02 | 19 mg 34 | 23 ₾ 37 | 24m.17 | 19©19 | 18£04 | 20 m/43 | 24≗43 | 25 m 16 | 20ഇ15 | 19Ω07 | 21 m 53 | 25 △ 49 | 26m15 |
| 9S | 18514 | 16£050 | 19 m, 29 | 23 <u>⊶</u> 44 | 24 m 24 | 19511 | 17£53 | 20 m, 39 | 24≗51 | 25 m 23 | 20508 | 18£056 | 21 m, 49 | 25 ≏ 57 | 26m22 |
| 10S | 18506 | 16Ω37 | 19 m 24 | 23 - 52 | 24 m 30 | 19503 | 17Ω41 | 20 m/34 | 24 ₾ 59 | 25 m 30 | 20500 | 18 € 44 | 21 m/45 | 26 2 05 | 26m29 |
| 11S 12S | 17ഇ58 17ഇ50 | 16Ω25 16Ω13 | 19 mg 18 19 mg 13 | 23 <u>a</u> 59 24 <u>a</u> 07 | 24 m 38 24 m 45 | 18©55 18©47 | 17Ω28 17Ω16 | 20 m/29 20 m/24 | 25 <u>a</u> 06 25 <u>a</u> 14 | 25 m 37 25 m 44 | 19©52 19©44 | 18Ω32 18Ω20 | 21 m/40 21 m/36 | 26 ₽ 13 | 26m.36 26m.43 |
| 12S | 179530 | 16Ω00 | 19 mg 07 | 24 <u>a</u> 07 | 24 m 52 | 18939 | 17Ω03 | 20 mg 19 | 25 <u>2</u> 23 | 25 m 51 | 19536 | 18Ω07 | 21 m/30 21 m/32 | 26 € 30 | 26m.51 |
| 14S | 17534 | 15Ω47 | 19 mg 01 | 24 <u>□</u> 23 | 24 m. 59 | 18931 | 16251 | 20 mg 14 | 25 ₾ 31 | 25 m 59 | 19528 | 17Ω55 | 21 m/ 27 | 26 ₾ 39 | 26 m 58 |
| 15S | 17ഇ26 | 15 ຄ 34 | 18 m ₂ 55 | 24≗31 | 25 m 06 | 18522 | 16Ω38 | 20 m 09 | 25 ≏ 39 | 26 m 06 | 19519 | 17Ω42 | 21 m ₂ 22 | 26 ≏ 48 | 27m.06 |
| 16S | 17917 | 15 & 20 | 18 mg 49 | 24 <u>□</u> 39 | 25 m 14 | 18514 | 16Ω25 | 20 m 03 | 25 △ 48 | 26 m 14 | 19511 | 17 Ω 29 | 21 m 18 | 26 2 57 | 27 m 13 |
| 17S | 17©09 | 15⋒06 | 18 mg 43 | 24 🕰 48 | 25 m 22 | 18ഇ06 | 16Ω11 | 19 m, 58 | 25 ≏ 57 | 26m21 | 19503 | 17£16 | 21 mg 13 | 27≗06 | 27m21 |
| 188 | 17500 | 14 0 38 | 18 m 36 | 24 <u>a</u> 56 | 25 m 29 | 17957 | 15 0 42 | 19 m 52 | 26 ₾ 06 | 26m29 | 18554 | 17 Ω 03 | 21 m 08 | 27 △ 15 | 27 m 29 |
| 19S | 16951 | 14Ω38 | 18 mg 30 | 25 <u>0</u> 5 | 25 m 37 | 17548 | 15 \Omega 43 | 19 mg 46 | 26 - 15 | 26m.37 | 18545 | 16Ω49 | 21 m 02 | 27 2 25 | 27m.37 |
| 20S | 16542 | 14Ω24 14Ω09 | 18 m 23 | 25 a 14 25 a 24 | 25 m. 45 25 m. 53 | 17539 | 15 0 15 | 19 mg 40 19 mg 34 | 26 <u>2</u> 24 | 26m45 | 18536 | 16 0 3 5 | 20 m 57 | 27 <u>₽</u> 34 | 27 m. 45 27 m. 53 |
| 21S 22S | 16 ඉ 33 16 ඉ 24 | 143709 | 18 mg 16 18 mg 08 | 25 <u>a</u> 24 | 25 IL 33 26 IL 01 | 17930 17921 | 15Ω15 15Ω00 | 19 mg 34 19 mg 27 | 26 ♀ 34 26 ♀ 44 | 26 m. 53 27 m. 01 | 18©28 18©18 | 16Ω20 16Ω06 | 20 m 51 20 m 46 | 27 ♀ 44 27 ♀ 55 | 27 IL 53 28 IL 01 |
| 23S | 16915 | 13 238 | 18 mg 01 | 25 △ 43 | 26 m 09 | 17512 | 14Ω44 | 19 m 20 | 26 2 54 | 27 m 10 | 18509 | 15 251 | 20 mg 40 | 28 ₾ 05 | 28 m 10 |
| 24S | 16ഇ05 | 13 ຄ 22 | 17 m/53 | 25 ₾ 53 | 26m.18 | 17ഇ03 | 14Ω29 | 19 mg 13 | 27≗05 | 27 m 18 | 18500 | 15 A 35 | 20 m/34 | 28 ≏ 16 | 28 m 19 |
| 25S | 15ഇ56 | 13 A 06 | 17 mp 45 | 26 🖴 03 | 26m27 | 16ഇ53 | 14Ω13 | 19 mg 06 | 27 ≏ 15 | 27 m 27 | 17950 | 15 Ω 20 | 20 m/27 | 28 ≏ 27 | 28m27 |
| 26S | 15946 | 12 \Omega 49 | 17 mg 36 | 26 □ 14 | 26m36 | 16943 | 13256 | 18 m, 58 | 27 ≏ 26 | 27m36 | 179540 | 15 Ω 03 | 20 m 20 | 28 ₾ 39 | 28m36 |
| 27S 28S | 15 © 36 | 12Ω32 12Ω15 | 17 m) 27 | 26 <u>₽</u> 25 26 <u>₽</u> 36 | 26 m. 45 26 m. 54 | 16©33 16©23 | 13 Ω 39 13 Ω 22 | 18 m 50 | 27 ♀ 38 27 ♀ 49 | 27 m 45 27 m 55 | 17©30 17©20 | 14Ω47 14Ω30 | 20 mg 13 20 mg 06 | 28 ♀ 50 29 ♀ 03 | 28 m. 46 28 m. 55 |
| 29S | 15920 | 1128615 | 17 mg 18 17 mg 08 | 26 - 48 | 27 m 03 | 16912 | 13 N 04 | 18 mg 42 18 mg 33 | 28 <u>0</u> 2 | 28 m 04 | 179520 | 148230 | 19 mg 59 | 29 <u>a</u> 15 | 29 m 05 |
| 30S | 15©04 | 11ω38 | 16 m 58 | 27 ♣ 00 | 27 m. 13 | 16902 | 12Ω45 | 18 m/ 24 | 28 - 14 | 28 m. 14 | 16959 | 13 Ω 54 | 19 m 51 | 29 ₾ 28 | 29 m 15 |
| 31S | 14953 | 11.0.18 | 16 mg 48 | 27 ⊆ 00 | 27 m 23 | 15951 | 12.026 | 18 mg 15 | 28 <u>2</u> 27 | 28 m. 24 | 16948 | 13 234 | 19 mg 42 | 29 <u>a</u> 42 | 29 m 25 |
| 32S | 145642 | 10£58 | 16 m/ 37 | 27 <u>₽</u> 25 | 27 m 33 | 15©39 | 12 ຄ 07 | 18 m, 05 | 28 🕰 40 | 28 m 34 | 16537 | 13 Q 16 | 19 m 34 | 29 ₾ 55 | 29 m 35 |
| 33S | 14530 | 10Ω38 | 16 m 25 | 27 <u>□</u> 38 | 27m44 | 15@28 | 11Ω46 | 17 m ₂ 55 | 28 ₾ 54 | 28 m 45 | 16925 | 12 255 | 19 m 25 | 0 m 10 | 29 m 46 |
| 34S | 145519 | 10Ω16 | 16 m, 13 | 27 ≏ 52 | 27m.55 | 15©16 | 11Ω25 | 17 mg 44 | 29 ₾ 09 | 28 m 56 | 16513 | 12Ω35 | 19 m, 15 | 0 m. 25 | 29 m 57 |
| 35S | 14©06 13©54 | 9Ω54 | 16 m 00 | 28 ♀ 07 | 28m.06 | 15504 | 11 004 | 17 m 32 | 29 <u>a</u> 24 | 29 m 07 29 m 19 | 16901 | 12 \Omega 13 | 19 m 05 | 0m.41 | 0 7 08 |
| 36S 37S | 13954 | 9 N 31 | 15 mg 46 15 mg 32 | 28 <u>a</u> 22 | 28 m 17 28 m 29 | 14©51 14©38 | 10Ω41 10Ω17 | 17 m ₂ 20 17 m ₂ 07 | 29 <u>2</u> 40 | 29 m 31 | 15©49 15©36 | 11 \alpha 51 \\ 11 \alpha 28 | 18 mg 54 18 mg 43 | 0m.57 1m.14 | 0 ₹ 20 0 ₹ 32 |
| 38S | 13527 | 8 \Omega 43 | 15 mg 16 | 28 - 54 | 28 m. 41 | 14925 | 9253 | 16 m 53 | 0m.13 | 29 m 43 | 15@22 | 11 Ω 03 | 18 mg 30 | 1 m 31 | 0×32 |
| 39S | 13©13 | 8 Ω 17 | 15 mg 00 | 29 ≏ 11 | 28 m 54 | 14911 | 9ຄ27 | 16 mg 38 | 0m31 | 29 m 56 | 15©08 | 10 ຄ38 | 18 mg 18 | 1 m.50 | 0 ₹ 58 |
| 40S | 12©59 | 7£50 | 14 mj 42 | 29 ₾ 29 | 29m07 | 13©56 | 9Ω01 | 16 m/23 | 0m.50 | 0 ₹ 09 | 14954 | 10Ω12 | 18 mg 04 | 2 m 09 | 1711 |
| 41S | 12544 | 7£22 | 14 m/24 | 29 △ 48 | 29 m 21 | 13542 | 8£33 | 16 mg 06 | 1 m 09 | 0 ₹ 23 | 14539 | 9Ω44 | 17 m/49 | 2 m 30 | 1 ₹ 25 |
| 42S 43S | 12©29 12©12 | 6Ω52 6Ω21 | 14 mg 04 13 mg 42 | 0 m 08 0 m 29 | 29 m 35 29 m 50 | 13©26 13©10 | 8 N 04 7 N 33 | 15 m, 48 15 m, 29 | 1 m.30 1 m.52 | 0 ₹ 38 0 ₹ 53 | 14©24 14©08 | 9Ω16 8Ω45 | 17 mg 33 17 mg 16 | 2m.51 3m.14 | 1 ₹ 39 1 ₹ 54 |
| 43S 44S | 11956 | 5 Ω 49 | 13 mg 19 | 0 m 52 | 291L30 0∡06 | 12953 | 7 N 01 | 15 mg 08 | 2 m 15 | 1 \$7 08 | 13951 | 8 N 13 | 16 mg 58 | 3 m 38 | 2 × 10 |
| 45S | 11938 | 5Ω15 | 12 m 53 | 1 m. 15 | 0 ₹ 22 | 12@36 | 6Ω27 | 14 m 45 | 2 m 39 | 1 24 | 13534 | 7Ω40 | 16 m/ 37 | 4 m. 03 | 2×10 |
| 46S | 11938 | 4 Ω 38 | 12 m/ 26 | 1 m. 40 | 0x·22 | 12930 | 5 N 5 1 | 14 m/ 20 | 3 m 05 | 1 x · 24 | 13934 | 7 N 05 | 16 mg 16 | 4 m 30 | 2 x · 2 / |
| 47S | 11501 | 4⋒00 | 11 m ₂ 56 | 2 m 07 | 0 ≉ 57 | 11558 | 5 Q 13 | 13 m ₂ 53 | 3 m 33 | 2 ₹ 00 | 12©56 | 6£27 | 15 m 52 | 4 m 58 | 3 ₹ 02 |
| 48S | 10541 | 3 & 20 | 11 m 23 | 2m36 | 1 7 15 | 11938 | 4£33 | 13 m 23 | 4m.02 | 2 7 18 | 12536 | 5 Ω 48 | 15 m 25 | 5 m. 29 | 3 7 21 |
| 49S | 10519 | 2.037 | 10 mg 46 | 3 m. 06 | 1 🗷 35 | 11917 | 3251 | 12 m 50 | 4m.34 | 2 🗷 38 | 12515 | 5 Ω 05 | 14 m 56 | 6m.01 | 3 ₹41 |
| 50S | 9957 | 1.051 | 10 mg 05 | 3 m 39 | 1 \$7 56 | 10@55 | 3 2 0 1 7 | 12 mg 14 | 5 m 08 | 2 \$7 59 | 11553 | 4Ω20 2Ω22 | 14 m 24 | 6 m 36 | 4×102 |
| 51S 52S | 9 © 33 | 1Ω02 0Ω10 | 9 mg 20 8 mg 29 | 4 m 14 4 m 52 | 2 ₹ 18 2 ₹ 42 | 10 9 31 | 2Ω17 1Ω25 | 11 m ₂ 33 10 m ₂ 47 | 5 m. 44 6 m. 24 | 3 ₹ 22 3 ₹ 45 | 11©29 11©04 | 3 Ω 32 2 Ω 41 | 13 mg 47 13 mg 06 | 7 m. 14 7 m. 54 | 4 ₹ 25 4 ₹ 48 |
| 53S | 8942 | 29514 | 7 m ₂ 32 | 5 m 33 | 3×107 | 9539 | 0ຄ29 | 9 m ₂ 55 | 7m.06 | 4×10 | 10537 | 1 \O 45 | 12 m/ 20 | 8 m. 38 | 5×14 |
| 54S | 8গু13 | 28513 | 6 m, 26 | 6m.18 | 3 ₹ 33 | 9ഇ11 | 29ഇ29 | 8 m/ 55 | 7 m 53 | 4 ₹ 37 | 10ഇ09 | 0 Ω 45 | 11 m/26 | 9 m. 26 | 5 <i>≱</i> 41 |
| 55S | 7ഇ43 | 27507 | 5 m, 10 | 7m.08 | 4 ₹ 02 | 8ഇ41 | 28ഇ23 | 7 m ₂ 46 | 8 m 44 | 5 <i>≱</i> 07 | 9538 | 29\$40 | 10 m/24 | 10 m 19 | 6₹10 |
| 56S | 7510 | 25@56 | 3 m 41 | 8 m. 02 | 4 🗷 33 | 8908 | 27512 | 6 m 25 | 9m.40 | 5×38 | 9506 | 28529 | 9 m 12 | 11 m 17 | 6×42 |
| 57S 58S | 6 ඉ 35 5 ඉ 56 | 24©37 23©11 | 1 m 57 29 Ω 52 | 9 m 03 10 m 10 | 5 ₹ 07 5 ₹ 44 | 7932 6953 | 25©54 24©27 | 4 m/49 2 m/54 | 10 m. 42 11 m. 52 | 6 \$7 12 6 \$7 49 | 8 9 30 7 9 51 | 27©11 25©45 | 7 mg 45 6 mg 01 | 12 m. 21 13 m. 32 | 7 ₹ 16 7 ₹ 54 |
| 59S | 5936 5914 | 23 5 11 | 298132 27Ω21 | 10 m 26 | 5×144 6×124 | 6න11 | 22552 | 2 np 34 0 mp 33 | 11 IIL 32 13 m 10 | 7×30 | 7909 | 23 9 43 24 9 10 | 3 m 53 | 13 IL 32 14 m 52 | 8×35 |
| 60S | 4927 | 19548 | 24Ω14 | 12 m 52 | 7×109 | 5924 | 21904 | 27 Ω 38 | 14m.39 | 8 x 15 | 6922 | 22522 | 1 mg 11 | 16m24 | 9 \$7 20 |
| 61S | 3934 | 179947 | 248714 | 14m.31 | 8 ₹ 00 | 4931 | 19903 | 23 N 54 | 16m21 | 9 \$7 06 | 5929 | 20521 | 27Ω44 | 18 m. 09 | 10 ₹ 12 |
| 62S | 2935 | 15528 | 15Ω17 | 16m.28 | 8 ₹ 57 | 3532 | 16943 | 19 203 | 18m21 | 10 ₹ 04 | 4529 | 18500 | 23 № 08 | 20 m.11 | 11 ₹ 10 |
| 63S | 1526 | 12545 | 8 N 44 | 18m.46 | 10 🗷 04 | 2522 | 13559 | 12034 | 20 m. 43 | 11 7 11 | 3519 | 15516 | 16Ω50 | 22 m 38 | 12 🗷 18 |
| 64S | 0ഇ04 | 9530 | 0£05 | 21 m 37 | 11 ₹ 23 | 1500 | 10942 | 3 № 44 | 23 m 39 | 12 ₹ 32 | 1956 | 11556 | 7£57 | 25 m 38 | 13 ₹ 40 |
| 65S | 28 II 22 | 5925 | 18945 | 25 m 17 | 13 ₹ 04 | 29П16 | 6932 | 215644 | 27 m 27 | 14 7 14 | 0911 | 79543 | 25918 | 29 m. 34 | 15 🗷 23 |
| 66S | 25 Д 58 23 Д 49 | 29 II 47 25 II 16 | 4©39 25∏52 | 0 ₹ 37 6 ₹ 19 | 15 ₹ 25 17 ₹ 38 | 26 II 49 24 II 31 | 0943 25 II 49 | 6©12 26∏19 | 3 ∡ 02 9 ∡ 16 | 16 x 39 19 x 01 | 27 II 40 25 II 12 | 15541 26 II 23 | 8©02 26∏47 | 5 ₹ 24 12 ₹ 09 | 17 ₹ 52 20 ₹ 24 |
| pc | 23 Д 49 | 25 Ц 10 | 23 H 32 | 0 X-19 | 1 / X. 29 | 24Д31 | 23 Ц49 | 20Д19 | 2 X. 10 | 19 % 01 | 25 Ц 12 | 20 Щ 23 | 20Д4/ | 12 X.09 | 20 x· 24 |

| | Sid.Tir MC: | | 6m AR [29'31 | CMC: 84 | l°00' | Sid.Tir MC: | | 0m AR 24'39 | MC: 85 | 5°00' | Sid.Tir MC: | | 4m AR (19'45 | RMC: 86 | 5°00' |
|------------|----------------------------------|------------------------------|--|----------------------------------|---------------------------------|-----------------------|------------------------------|--|----------------------------------|--------------------------------|--|------------------------------|----------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 22ഇ13 | 21 237 | 23 m/27 | 25 ≏ 53 | 26 m 18 | 23509 | 22 138 | 24 m/33 | 26≗56 | 27 m 16 | 24গু06 | 23 2 40 | 25 m/38 | 27 ≏ 59 | 28 m. 14 |
| 18 | 22505 | 21 \Omega 27 | 23 m 24 | 26 ♣ 00 | 26 m 25 | 23502 | 22.028 | 24 m 30 | 27 ₾ 04 | 27 m 23 | 23559 | 23 230 | 25 m 36 | 28 ₾ 07 | 28 m 21 |
| 2S 3S | 21©58 21©50 | 21 \Omega 16 21 \Omega 05 | 23 m/21 23 m/18 | 26 <u>a</u> 08 | 26 m. 32 26 m. 39 | 22©54 22©47 | 22 \Omega 18 22 \Omega 07 | 24 m/28 24 m/25 | 27 ♀ 12 27 ♀ 20 | 27 m 30 27 m 37 | 23©51 23©44 | 23 Ω 20 23 Ω 10 | 25 m/34 25 m/32 | 28 □ 15 28 □ 24 | 28 m. 28 28 m. 35 |
| 4S | 21930 | 20 \$25 | 23 mg 15 | 26 - 23 | 26 m 46 | 22539 | 21 257 | 24 m/ 22 | 27 □ 28 | 27 m 44 | 23936 | 23 & 00 | 25 m/ 30 | 28 <u>a</u> 32 | 28 m. 42 |
| 58 | 21935 | 20 144 | 23 mg 12 | 26₽31 | 26 m 53 | 22532 | 21 ຄ 46 | 24 m 20 | 27 ≏ 36 | 27 m 51 | 23529 | 22 2 49 | 25 m, 28 | 28 <u>₽</u> 40 | 28 m. 49 |
| 6S | 21927 | 20⋒33 | 23 m 09 | 26≗39 | 27m.00 | 22524 | 21 ຄ36 | 24 m/17 | 27 ≏ 44 | 27 m 58 | 23©21 | 22 239 | 25 m/26 | 28 ≏ 49 | 28m57 |
| 7S 8S | 21©20 21©12 | $20\Omega 22$ $20\Omega 10$ | 23 m 05 | 26 △ 47 | 27m.07 | 22517 | 21 Ω 25 21 Ω 14 | 24 m 14 | 27 <u>∞</u> 52 28 <u>∞</u> 01 | 28 m 05 | 235014 | 22 \O 17 | 25 m 23 | 28 <u>a</u> 57 | 29 m 04 |
| 9S | 21904 | 19 \$\alpha 59 | 23 mg 02 22 mg 59 | 26 ♀ 55 27 ♀ 03 | 27 m.14 27 m.21 | 22©09 22©01 | 21 & 02 | 24 mg 12 24 mg 09 | 28 <u>2</u> 01 | 28 m 12 28 m 20 | 23©06 22©58 | 22 \Omega 17 22 \Omega 06 | 25 m/21 25 m/19 | 29 a 06 29 a 15 | 29m.11 29m.18 |
| 108 | 20ഇ57 | 19Ω47 | 22 m 55 | 27 ≏ 12 | 27 m 28 | 21\$54 | 20 ຄ 51 | 24 m 06 | 28 ≏ 18 | 28 m 27 | 22951 | 21 255 | 25 mg 16 | 29 ≏ 24 | 29 m. 25 |
| 11S | 20ഇ49 | 19⋒36 | 22 m 51 | 27≗20 | 27 m 35 | 215546 | 20 A 40 | 24 m 03 | 28 ≏ 27 | 28m34 | 22543 | 21 244 | 25 m/14 | 29 ₾ 33 | 29 m 33 |
| 12S | 20@41 | 19 & 24 | 22 m 48 | 27 ₾ 29 | 27 m. 43 | 21 538 | 20 0 28 | 24 m 00 | 28 ₾ 35 | 28 m. 42 | 22535 | 21 232 | 25 m 12 | 29 ₾ 42 | 29 m 40 |
| 13S 14S | 20@33 20@25 | 19Ω12 18Ω59 | 22 mg 44 22 mg 40 | 27 <u> </u> | 27 m 50 27 m 58 | 21@30 21@22 | 20Ω16 20Ω04 | 23 m/56 23 m/53 | 28 <u>2</u> 45 | 28 m 49 28 m 57 | 22©27 22©19 | 21 \Q 21 21 \Q 09 | 25 mg 09 25 mg 06 | 29 ♀ 51 0 ⋒ 01 | 29 m. 48 29 m. 55 |
| 15S | 20916 | 18Ω47 | 22 m/36 | 27 - 16 | 28 m. 05 | 21914 | 19Ω52 | 23 m 50 | 29 2 03 | 29 m 04 | 22911 | 20 Ω 57 | 25 mg 04 | 0 m. 11 | 0 \$7 03 |
| 16S | 20508 | 18€34 | 22 m/ 32 | 28 - 205 | 28 m. 13 | 21505 | 19239 | 23 m/ 46 | 29 ₾ 13 | 29 m 12 | 22503 | 20 245 | 25 mg 01 | 0 m 21 | 0.711 |
| 17S | 20©00 | 18Ω21 | 22 m/28 | 28 ₾ 14 | 28m.21 | 20\$57 | 19 27 | 23 m 43 | 29 ₾ 23 | 29 m 20 | 21554 | 20 232 | 24 m 58 | 0m.31 | 0 ₹ 19 |
| 18S 19S | 19©51 19©42 | 18Ω08 17Ω54 | 22 m/23 22 m/19 | 28 <u>a</u> 24 | 28 m. 28 28 m. 36 | 20 20 20 940 | 19Ω14 19Ω00 | 23 m/39 23 m/36 | 29 <u>2</u> 33 | 29 m 28 29 m 36 | 21 21 21 37 | 20 Ω 20 20 Ω 07 | 24 m/55 24 m/52 | 0m.41 0m.52 | 0 ₹27 0 ₹35 |
| 20S | 19534 | 17.0.234 | 22 mg 14 | 28 <u>-</u> 34 | 28 m 45 | 20931 | 18Ω47 | 23 m/ 32 | 29 = 43 | 29 m 44 | 21937 | 19Ω53 | 24 m 49 | 1 m. 03 | 0 x 43 |
| 20S 21S | 19934 | 178241 17827 | 22 mg 09 | 28 <u>2</u> 54 | 28 m 53 | 20931 | 18£33 | 23 m/ 28 | 0m.04 | 29 m 52 | 219529 | 198633 | 24 m 46 | 1 m 14 | 0×43 |
| 22S | 19ഇ16 | 17Ω12 | 22 m/05 | 29 🖴 05 | 29m01 | 20ഇ13 | 18 Ω 19 | 23 m/24 | 0m.15 | 0 ₹ 01 | 21©11 | 19 ຄ26 | 24 m/43 | 1 m.25 | 1 ₹ 00 |
| 23S 24S | 19©07 18©57 | 16Ω57 16Ω42 | 21 m ₂ 59 21 m ₂ 54 | 29 ♀ 16 29 ♀ 27 | 29 m 10 29 m 19 | 20©04 19©55 | 18Ω04 17Ω50 | 23 m/19 23 m/15 | 0m.27 0m.38 | 0 ₹ 10 0 ₹ 18 | 21©02 20©52 | 19Ω12 18Ω57 | 24 m/39 24 m/36 | 1 m. 37 1 m. 49 | 1 ₹ 09 1 ₹ 18 |
| | | 16.027 | 21 m 49 | | 29 m 27 | 19933 | 17.034 | | 0 m 50 | 0 x 18 | 20932 | 18.042 | | | 1 x · 18 |
| 25S 26S | 18 9 48 | 163127 | 21 m 49 | 29 <u>a</u> 39 | 29 m 37 | 19935 | 178134 17£19 | 23 m ₂ 10 23 m ₂ 05 | 1 m. 02 | 0x ¹ 27 | 20943 | 181142 181127 | 24 m/32 24 m/28 | 2m.01 2m.14 | 1 2 36 |
| 27S | 18©28 | 15 Ω 54 | 21 m 37 | 0 m 03 | 29 m.46 | 19മ26 | 17Ω03 | 23 m 00 | 1 m 15 | 0 ₹ 46 | 20ഇ23 | 18 N 11 | 24 m/24 | 2 m 27 | 1 ₹ 46 |
| 288 | 18518 | 15 0 38 | 21 m 31 | 0m.15 | 29 m. 55 | 19515 | 16.046 | 22 m 55 | 1 m. 28 | 0 \$7 55 | 20@13 | 17.055 | 24 m 20 | 2 m. 40 | 1 🗷 55 |
| 298 | 18907 | 15 \O 20 | 21 m 24 | 0 m. 28 | 0 7 05 | 19505 | 16Ω29 | 22 m 50 | 1 m. 41 | 1 7 05 | 20503 | 17.038 | 24 m 15 | 2 m 54 | 2 🗷 05 |
| 30S 31S | 17957 17946 | 15Ω02 14Ω44 | 21 m ₂ 17 21 m ₂ 10 | 0m.42 0m.56 | 0 ₹ 15 0 ₹ 25 | 18©54 18©43 | 16Ω11 15Ω53 | 22 m/44 22 m/38 | 1 m.55 2 m.10 | 1 ₹ 15 1 ₹ 26 | 19©52 19©42 | 17Ω21 17Ω03 | 24 mg 11 24 mg 06 | 3 m. 08 3 m. 23 | 2 ₹ 15 2 ₹ 26 |
| 32S | 17534 | 14Ω25 | 21 m/03 | 1 m. 10 | 0 ≉ 36 | 18532 | 15 N 34 | 22 m/32 | 2 m 24 | 1 ≉ 36 | 19\$30 | 16Ω44 | 24 m 01 | 3 m. 38 | 2 ₹ 36 |
| 33S | 17©23 17©11 | 14Ω05 13Ω45 | 20 m 55 20 m 46 | 1 m 25 | 0 ₹ 47 0 ₹ 58 | 18©21 18©09 | 15Ω15 14Ω55 | 22 m/25 22 m/18 | 2 m 40 | 1 ₹ 47 1 ₹ 58 | 19©19 19©07 | 16Ω25 16Ω06 | 23 m 56 | 3 m 54 | 2 ₹ 47 2 ₹ 58 |
| 34S 35S | | 13 θ 23 | 20 m/ 38 | 1m.41 | | | | | 2 m 56 | 2 × 10 | | | 23 m 50 | 4m.11 | |
| 36S | 16ඉ59 16ඉ46 | 13 Ω 01 | 20 mg 28 | 1 m 57 2 m 14 | 1 ₹ 09 1 ₹ 21 | 17©57 17©44 | 14Ω34 14Ω12 | 22 mg 11 22 mg 03 | 3 m 13 3 m 30 | 2 x 10 | 18©55 18©43 | 15 Ω 45 15 Ω 24 | 23 m/44 23 m/38 | 4 m. 28 4 m. 46 | 3 ₹ 10 3 ₹ 22 |
| 37S | 16534 | 12⋒38 | 20 m/19 | 2 m 31 | 1 ₹ 33 | 17532 | 13 £ 50 | 21 m 55 | 3 m. 48 | 2 ₹ 34 | 18530 | 15 ຄ 02 | 23 m 32 | 5 m 04 | 3 ₹ 34 |
| 38S 39S | 16 ඉ 20 16 ඉ 06 | 12Ω15 11Ω50 | 20 mg 08 19 mg 57 | 2m49 | 1 ₹ 46 1 ₹ 59 | 17©18 17©04 | 13 Ω 26 13 Ω 02 | 21 m 46 | 4m.07 | 2 7 47 | 18©17 18©03 | 14Ω38 14Ω14 | 23 m 25 | 5 m 24 | 3 ₹ 47 4 ₹ 00 |
| 40S | 15952 | 11.024 | 19 mg 45 | 3 m 08 3 m 29 | 2×12 | 16950 | 12ω36 | 21 m ₂ 37 21 m ₂ 27 | 4 m. 26 4 m. 47 | 3 ₹ 00 | 17949 | 13 Ω 49 | 23 m, 17 23 m, 09 | 5 m. 44 6 m. 05 | 4x 00 |
| 40S | 15937 | 10 Ω 57 | 19 mp 32 | 3 m 50 | 2×12 | 16935 | 12809 | 21 mg 16 | 5 m 09 | 3 x · 13 | 17934 | 13 Ω 23 | 23 mg 00 | 6m.28 | 4x-14 4x-28 |
| 42S | 15©22 | 10⋒28 | 19 m, 19 | 4 m. 12 | 2 ₹ 41 | 16520 | 11 ຄ41 | 21 m ₂ 05 | 5 m 32 | 3 ₹ 42 | 17519 | 12⋒55 | 22 m 51 | 6m.51 | 4 <i>₹</i> 43 |
| 43S 44S | 15©06 14©49 | 9258 | 19 mg 04 | 4m.35 | 2 ₹ 56 3 ₹ 12 | 16©04 15©47 | 11Ω12 10Ω41 | 20 m/52 20 m/39 | 5 M 56 | 3 × 57 | 17©03 16©46 | 12Ω26 11Ω56 | 22 m 41 | 7m.16 7m.42 | 4 ₹ 59 5 ₹ 15 |
| | | 9.0.54 | 18 mg 48 | 5 m 00 | | | | | 6m.21 | 4 🗷 13 | | | 22 m/31 | | |
| 45S 46S | 14©32 14©13 | 8 N 54 8 N 19 | 18 mg 31 18 mg 12 | 5 m 26 5 m 53 | 3 ₹ 29 3 ₹ 46 | 15©30 15©12 | 10Ω08 9Ω34 | 20 m/25 20 m/09 | 6m.48 7m.16 | 4 ₹ 30 4 ₹ 48 | 16ඉ29 16ඉ10 | 11 Ω23 10 Ω49 | 22 mg 19 22 mg 06 | 8m.09 8m.38 | 5 x 31 5 x 49 |
| 47S | 13©54 | 7⋒42 | 17 m 51 | 6m.23 | 4 ₹ 04 | 14953 | 8 Ω 57 | 19 m 51 | 7m46 | 5 ₹ 06 | 15951 | 10 ₪ 13 | 21 m 52 | 9 m 09 | 6₹07 |
| 48S | 13934 | 7£02 | 17 m 28 | 6M 54 | 4×123 | 14©33 14©12 | 8 N 18 | 19 mp 32 | 8 m 19 | 5×125 | 15@31 | 9 2 3 5 | 21 m/37 | 9 m. 43 | 6 <i>₹</i> 27 6 <i>₹</i> 47 |
| 498 | 13©13 12©51 | 6Ω21 5Ω36 | 17 m 03 | 7 ML 28 | 4 ₹ 43 5 ₹ 05 | | 7£37 | 19 m ₂ 11 18 m ₂ 47 | 8m.53 9m.30 | 5 x 45 | 15©10 14©48 | 8 N 54 8 N 10 | 21 m, 20 21 m, 00 | 10m.18 10m.56 | 7×109 |
| 50S 51S | 12931 | 4 Ω 49 | 16 mg 35 16 mg 03 | 8 m. 03 8 m. 42 | 5 x 05 | 13549 13526 | 6 N 53 | 18 mp 47 18 mp 21 | 10m.10 | 6 ₹ 07 6 ₹ 30 | 149948 | 7Ω24 | 21 m, 00 20 m, 39 | 10 m 36 | 7×109 |
| 52S | 12©02 | 3⋒57 | 15 m/ 28 | 9 m 24 | 5 ₹ 51 | 13501 | 5Ω15 | 17 m 51 | 10m.53 | 6 ₹ 54 | 14500 | 6 Ω 34 | 20 m/15 | 12 m 20 | 7.₹56 |
| 53S | 11936 | 3 \O 02 | 14 mp 47 | 10m 09 | 6×17 | 12534 | 4Ω20 3Ω21 | 17 mp 16 | 11 m 39 | 7 × 20 | 13933 | 5 \Omega 4 O 4 1 | 19 mg 47 | 13 m 08 | 8 ₹ 22 8 ₹ 49 |
| 548 | 11507 | 2003 | 14 m 01 | 10 m 58 | 6×144 | 12506 | 3 & 2 2 1 7 | 16 mp 37 | 12 m 30 | 7,747 | 13505 | 4.041 | 19 m, 15 | 14m.00 | |
| 55S 56S | 10න37 10න04 | 0Ω58 29©47 | 13 mg 06 12 mg 03 | 11 m 52 12 m 52 | 7 ₹ 14 7 ₹ 45 | 11©35 11©02 | 2Ω17 1Ω07 | 15 m ₂ 51 14 m ₂ 57 | 13 m. 25 14 m. 26 | 8 ₹ 17 8 ₹ 49 | 12©34 12©01 | 3 N 37 2 N 28 | 18 m, 38 17 m, 54 | 14 m. 56 15 m. 58 | 9×19 9×151 |
| 57S | 9928 | 28530 | 10 mg 47 | 13 m 57 | 8 ₹ 20 | 10ഇ27 | 29\$50 | 13 m 52 | 15 m 33 | 9 ₹ 23 | 11526 | 1 20 1 1 | 17 mg 01 | 17m.07 | 10∡26 |
| 58S | 8549 | 27504 | 9 mg 14 | 15 m. 11 | 8 \$7 58 | 9548 | 28525 | 12 m 33 | 16m.48 | 10 7 01 | 10547 | 29547 | 15 m 56 | 18 m. 23 | 11 7 04 |
| 59S 60S | 8907 | 25©29 23©42 | 7 m 20 | 16m.33 18m.06 | 9 ₹ 39 10 ₹ 25 | 9505 | 26©50 25©03 | 10 m ₂ 55 8 m ₂ 49 | 18m.12 19m.47 | 10 ₹ 43 11 ₹ 29 | 10©04 9©17 | 28©12 26©26 | 14 m/35 | 19 m. 49 21 m. 27 | 11 ₹ 46 12 ₹ 33 |
| 61S | 7 <u>ඉ</u> 20 6 <u>ඉ</u> 27 | 23 5 4 2 | 4 m ₂ 56 1 m ₂ 47 | 1811L06 | 10 x 25 | 8518 7525 | 23903 | 8 mg 49 6 mg 04 | 19 m 47 | 12 \$\frac{12}{21}\$ | 99917 89924 | 26926 | 12 m/52 10 m/33 | 21 IL 27 23 IL 18 | 12×33 |
| 62S | 5926 | 19520 | 27Ω32 | 21 m 59 | 12×17 | 6925 | 20941 | 2 m/ 16 | 23 m 45 | 13 × 20 | 7923 | 22504 | 7 m, 20 | 25 m 29 | 14∡24 |
| 63S | 4916 | 16934 | 21 \Omega 34 | 24 m 29 | 13 🗷 24 | 5914 | 17955 | 26 \(\Omega 49 \) | 26m19 | 14 🗷 29 | 6913 | 19518 | 2 m 35 | 28 m.05 | 15 🗷 34 |
| 648 | 2553 | 135613 | 12.049 | 27 m 35 | 14 🗷 46 | 3550 | 14933 | 18 N 28 | 29 m. 28 | 15 🗷 53 | 49548 | 15@55 | 25 0.00 | 1 🗷 18 | 16 🗷 58 |
| 65S 66S | 1の06 28耳32 | 8556 2544 | 29©37 10©19 | 1 ∡ 37 7 ∡ 40 | 16∡31 19∡04 | 2503 29 II 26 | 10©13 3©50 | 4Ω58 13©16 | 3 ₹ 36 9 ₹ 51 | 17 ₹ 39 20 ₹ 14 | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 11©32 5©02 | 11Ω43 17໑22 | 5 ₹31 11 ₹56 | 18 ₹ 45 21 ₹ 23 |
| pc | 25 II 53 | 26 II 56 | 27 II 14 | 14×158 | 21 🗷 47 | 29 II 26 26 II 34 | 27 II 28 | 27 II 42 | 17×143 | 20 x 14 23 x 09 | 27 II 16 | 28耳01 | 28 II 09 | 20 × 22 | 24 x 32 |
| _ | | | ļ. | | | | | <u> </u> | | | | | | ļ. | |

| | Sid.Tir MC: | | 8m AR [14'50 | MC: 87 | ′°00' | Sid.Tir MC: | | 2m AR :09'54 | MC: 88 | 3°00' | Sid.Tir MC: | | 6m AR (04'57 | CMC: 89 |)°00' |
|------------|----------------------------------|------------------------------|----------------------|----------------------|----------------------------------|----------------------------|------------------------------|--|----------------------|----------------------------------|----------------------------------|--------------------|--|----------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 25ഇ03 | 24 \Omega 42 | 26 m/43 | 29 亞 02 | 29 m 12 | 26ඉ00 | 25 Ω 44 | 27 m/49 | 0 m 05 | 0∡10 | 26957 | 26 € 46 | 28 m/54 | 1 m 08 | 1 ₹ 07 |
| 18 | 24955 | 24 \Q 32 | 26 m 42 | 29 ₾ 11 | 29 m 19 | 25@53 | 25 Ω 34 | 27 m 48 | 0m.14 | 0 7 17 | 26950 | 26.037 | 28 m 54 | 1 m 17 | 1 7 15 |
| 2S 3S | 24©48 24©41 | 24 \Omega 22 24 \Omega 12 | 26 m/40 26 m/39 | 29 <u>a</u> 19 | 29 m. 26 29 m. 33 | 25@45 25@38 | 25 Ω 25 25 Ω 15 | 27 mg 47 27 mg 46 | 0 m 22 0 m 31 | 0 ₹ 24 0 ₹ 31 | 26942 26935 | 26Ω28 26Ω18 | 28 m 53 28 m 53 | 1 m.26 1 m.35 | 1 ₹ 22 1 ₹ 29 |
| 4S | 24933 | 24802 | 26 mg 37 | 29 2 36 | 29 m 40 | 25@31 | 25 \O 05 | 27 mg 45 | 0 m 40 | 0x-31 0x-38 | 26 26 26 28 | 26Ω08 | 28 m/ 52 | 1 m 44 | 1x 29 |
| 5S | 24\$26 | 23 N 52 | 26 m/36 | 29 ≏ 45 | 29 m 48 | 25@23 | 24 \Omega 55 | 27 m 44 | 0m.49 | 0×146 | 26\$20 | 25 25 59 | 28 m 52 | 1 m.53 | 1 🗷 43 |
| 6S | 24918 | 23 \Quad 42 | 26 mg 34 | 29 <u>a</u> 53 | 29 m 55 | 25916 | 24025 | 27 mg 42 | 0m.58 | 0 \$7 53 | 26 © 13 | 25 Ω49 | 28 m 51 | 2 m 02 | 1 \$751 |
| 7S | 24ഇ11 | 23 231 | 26 m/32 | 0 m. 02 | 0.₹02 | 25 ഇ 08 | 24 235 | 27 m/41 | 1 m.07 | 1 ≉ 00 | 26ඉ06 | 25 ⋒39 | 28 m 50 | 2 m. 11 | 1 ₹ 58 |
| 8S | 24©03 | 23 N 21 | 26 m/31 | 0m.11 | 0×109 | 25©01 | 24 \Omega 25 | 27 m/40 | 1 m 16 | 1 ₹ 07 | 25@58 | 25 \Omega 29 | 28 m 50 | 2 m 21 | 2×05 |
| 9S | 23556 | 23 \Omega 10 | 26 m, 29 | 0 m 20 | 0 ₹ 17 | 24953 | 24 \Omega 14 | 27 m, 39 | 1 m. 26 | 1 ₹ 15 | 25951 | 25 A 19 | 28 m, 49 | 2m31 | 2 ₹ 13 |
| 10S | 23548 | 22 2 59 | 26 m/27 | 0 m 30 | 0 ₹ 24 | 24945 | 24 \(\O 04 \) | 27 m/38 | 1 m 35 | 1 🗷 22 | 25943 | 25 \O209 | 28 m 49 | 2 m 40 | 2 7 20 |
| 11S 12S | 23 5 40 23 5 32 | 22 \Omega 48 22 \Omega 37 | 26 m/25 26 m/23 | 0m.39 0m.48 | 0 ₹31 0 ₹39 | 24©38 24©30 | 23 Ω 53 23 Ω 42 | 27 m ₂ 37 27 m ₂ 35 | 1 m 45 1 m 55 | 1 ₹ 30 1 ₹ 37 | 25@35 25@28 | 24Ω58 24Ω47 | 28 mg 48 28 mg 47 | 2 m. 50 3 m. 01 | 2 ₹ 28 2 ₹ 35 |
| 12S | 23932 | 22 \Omega 26 | 26 m/ 22 | 011L48 | 0x.39 | 24930 | 23 N 31 | 27 mg 34 | 2m.05 | 1 x · 3 / | 25920 | 248247 | 28 mg 47 | 3 m 11 | 2 x · 33 |
| 14S | 23@17 | 22 & 14 | 26 m/ 20 | 1 m. 08 | 0×154 | 24914 | 23 & 20 | 27 m/33 | 2 m 15 | 1 🗷 53 | 25@12 | 24 \Omega 26 | 28 mg 46 | 3 m 21 | 2×15 |
| 15S | 23508 | 22 \Omega 03 | 26 mg 18 | 1 m. 18 | 1 ₹ 02 | 24506 | 23 208 | 27 m ₂ 32 | 2 m 25 | 2 🗷 00 | 25©04 | 24Ω14 | 28 mg 46 | 3 m 32 | 2 🗷 59 |
| 16S | 23500 | 21 251 | 26 mg 16 | 1 m. 28 | 1 7 10 | 23558 | 22 257 | 27 m 30 | 2m36 | 2 ₹ 08 | 24956 | 24 203 | 28 m 45 | 3 m. 43 | 3 ₹ 07 |
| 17S | 22©52 | 21 ⋒38 | 26 m/13 | 1 m 39 | 1 ₹ 18 | 23 ഇ 50 | 22 N 45 | 27 m/29 | 2 m 46 | 2 ₹ 16 | 24948 | 23 2 51 | 28 m/44 | 3 m 54 | 3 ₹ 15 |
| 188 | 22544 | 21 \Q 26 | 26 m 11 | 1 m 49 | 1 7 26 | 23 5 41 | 22.033 | 27 m 27 | 2 m 57 | 2 \$7 25 | 24539 | 23 23 23 | 28 m 43 | 4m.05 | 3 🗷 23 |
| 198 | 22535 | 21 2 13 | 26 m, 09 | 2 m. 00 | 1 🗷 34 | 23 5 33 | 22.0.20 | 27 m/26 | 3 m 09 | 2 🗷 33 | 24931 | 23 227 | 28 m/43 | 4m.17 | 3 🗷 31 |
| 20S | 22©26 22©18 | 21 Ω 00 20 Ω 47 | 26 m 07 | 2 m 12 | 1 ₹ 42 1 ₹ 51 | 23©24 23©16 | 22 \O21 | 27 m 24 | 3 m 20 | 2×141 | 24©22 24©14 | 23 Ω 15 23 Ω 02 | 28 m 42 | 4 m 28 | 3 ₹ 40 3 ₹ 48 |
| 21S 22S | 22909 | 20 Ω 33 | 26 mg 04 26 mg 02 | 2 m 23 2 m 35 | 1 x · 51 | 23907 | 21 \Omega 54 21 \Omega 41 | 27 m, 23 27 m, 21 | 3 m 32 3 m 44 | 2 \$7 50 2 \$7 58 | 24905 | 238702 | 28 mg 41 28 mg 40 | 4m.41 4m.53 | 3 x 48 |
| 23S | 22500 | 20 Ω 19 | 25 m 59 | 2 m 47 | 2 🗷 08 | 22558 | 21 & 27 | 27 mg 19 | 3 m 56 | 3×107 | 23556 | 22 236 | 28 m/ 39 | 5m.06 | 4×106 |
| 24S | 21©50 | 20 20 05 | 25 m/56 | 2 m 59 | 2 ₹ 17 | 22948 | 21 Ω 13 | 27 m, 17 | 4m09 | 3 ₹ 16 | 23ණ47 | 22 \alpha 22 | 28 m/38 | 5 m 19 | 4 <i>₹</i> 15 |
| 25S | 215641 | 19250 | 25 m 54 | 3 m. 12 | 2 ₹ 26 | 22539 | 20259 | 27 m, 16 | 4 m 22 | 3 ₹ 25 | 23537 | 22 20 08 | 28 m/38 | 5 m 32 | 4 ₹ 24 |
| 26S | 21@31 | 19ຄ35 | 25 m/51 | 3 m 25 | 2 ₹ 36 | 22©29 | 20Ω44 | 27 mj 14 | 4m35 | 3 ₹ 35 | 23ණ28 | 21 254 | 28 m/37 | 5 M 46 | 4 ₹ 34 |
| 27S | 21@21 | 19 0 20 | 25 m 48 | 3 m 38 | 2 🗷 45 | 22520 | 20 0 29 | 27 m 12 | 4m.49 | 3 🗷 44 | 23518 | 21 239 | 28 m 36 | 6m.00 | 4×43 |
| 28S 29S | 21©11 21©01 | 19Ω04 18Ω48 | 25 mg 45 25 mg 41 | 3 m 52 4 m 06 | 2 ₹ 55 3 ₹ 05 | 22 21 21 59 | 20Ω14 19Ω57 | 27 m, 10 27 m, 07 | 5 m 03 5 m 18 | 3 ₹ 54 4 ₹ 04 | 23©08 22©58 | 21 Ω24 21 Ω08 | 28 m/35 28 m/33 | 6m.14 6m.29 | 4 ₹ 53 5 ₹ 03 |
| | | | | | | 21939 | | - | | | | | | | |
| 30S 31S | 20ණ51 20ණ40 | 18 N 31 | 25 m/38 25 m/34 | 4 m. 21 4 m. 36 | 3 ₹ 15 3 ₹ 25 | 21 5 38 | 19Ω41 19Ω24 | 27 m ₂ 05 27 m ₂ 03 | 5 m 33 5 m 49 | 4 ₹ 14 4 ₹ 25 | 22 9 47 22 9 37 | 20 N 52 20 N 35 | 28 m/32 28 m/31 | 6m.45 7m.01 | 5 ₹ 14 5 ₹ 24 |
| 32S | 20@29 | 17Ω55 | 25 mg 31 | 4 m. 52 | 3×25 | 21 5 27 | 19206 | 27 mg 00 | 6m.05 | 4×36 | 22526 | 20 Ω 17 | 28 mg 30 | 7 m 18 | 5×21 |
| 33S | 20ഇ17 | 17Ω36 | 25 m/27 | 5m08 | 3 ₹ 47 | 21516 | 18 Ω 48 | 26 m/58 | 6m22 | 4 <i>₹</i> 147 | 22915 | 19£059 | 28 m/28 | 7 m 35 | 5 <i>≱</i> 46 |
| 348 | 20ഇ06 | 17Ω17 | 25 m, 22 | 5 m 25 | 3 ₹ 58 | 21504 | 18Ω29 | 26 m, 55 | 6m39 | 4 ₹ 58 | 22503 | 19Ω41 | 28 m, 27 | 7 m 53 | 5 ₹ 58 |
| 35S | 19554 | 16Ω57 | 25 m 18 | 5m43 | 4 <i>₹</i> 10 | 20@52 | 18⋒09 | 26 m 52 | 6m.57 | 5 <i>₹</i> 10 | 21951 | 19 221 | 28 m, 26 | 8m.11 | 6 <i>₹</i> 10 |
| 36S 37S | 19 © 41 19 © 28 | 16Ω36 16Ω14 | 25 m 13 | 6m.01 6m.20 | 4 ₹ 22 4 ₹ 35 | 20 20 20 20 20 | 17Ω48 17Ω27 | 26 m 49 | 7 m 16 7 m 36 | 5 ₹ 22 5 ₹ 35 | 21©39 21©26 | 19201 | 28 m 24 | 8 M 30 | 6 x 22 6 x 34 |
| 38S | 19928 | 15Ω51 | 25 m, 08 25 m, 03 | 6 m 40 | 4 x 33 | 20927 | 178027 | 26 m/45 26 m/42 | 7 m 56 | 5 x 33 | 219520 | 18Ω40 18Ω18 | 28 m/22 28 m/21 | 8 m. 51 9 m. 11 | 6×147 |
| 39S | 19501 | 15 Ω 28 | 24 m 57 | 7m.01 | 5 ₹ 01 | 20500 | 16Ω41 | 26 m/38 | 8m.17 | 6 ₹ 01 | 20@59 | 17Ω56 | 28 m 19 | 9m.33 | 7≠01 |
| 40S | 18947 | 15 ຄ 03 | 24 m ₂ 51 | 7 m 23 | 5 <i>₹</i> 15 | 19546 | 16Ω17 | 26 m/34 | 8 m. 40 | 6 <i>₹</i> 15 | 20945 | 17ຄ32 | 28 mj 17 | 9 m 56 | 7 <i>₹</i> 15 |
| 41S | 18533 | 14Ω37 | 24 m/45 | 7m.46 | 5 ₹ 29 | 19931 | 15 251 | 26 m/30 | 9m.03 | 6 ₹ 29 | 20ഇ31 | 17Ω07 | 28 m/15 | 10 m 20 | 7 ₹ 29 |
| 42S | 18917 | 14Ω10 | 24 m 38 | 8m.10 | 5 <i>x</i> ⁴44 | 19516 | 15 Ω 25 | 26 m, 25 | 9m28 | 6 ₹ 44 | 20516 | 16Ω40 | 28 m 12 | 10m.45 | 7 . ₹44 |
| 43S 44S | 18©01 17©45 | 13Ω41 13Ω11 | 24 m/31 24 m/22 | 8 m 35 9 m 02 | 5 ₹ 59 6 ₹ 15 | 19©00 18©44 | 14Ω57 14Ω27 | 26 m/20 26 m/15 | 9 m. 54 10 m. 21 | 7 z 00 ス 16 | 20©00 19©43 | 16Ω13 15Ω44 | 28 m, 10 28 m, 07 | 11 m.12 11 m.40 | 8∡00 8∡16 |
| | | | | | | | | - | | | | | | | |
| 45S 46S | 17ഇ27 17ഇ09 | 12Ω39 12Ω06 | 24 mg 14 24 mg 04 | 9 m. 30 10 m. 00 | 6 ₹ 32 6 ₹ 50 | 18©27 18©09 | 13 Ω 56 13 Ω 23 | 26 mg 09 26 mg 02 | 10 m. 50 11 m. 21 | 7 ₹ 33 7 ₹ 51 | 19 5 26 | 15Ω13 14Ω40 | 28 mg 04 28 mg 01 | 12 m. 09 12 m. 41 | 8 x 33 8 x 51 |
| 47S | 16950 | 11 230 | 23 m 53 | 10 m 32 | 7 ₹ 08 | 17950 | 12 \Omega 48 | 25 m 55 | 11 m 53 | 8 2 09 | 18549 | 14206 | 27 m 57 | 13 m. 14 | 9×10 |
| 48S | 16530 | 10Ω52 | 23 m/42 | 11m.06 | 7 ₹ 28 | 17530 | 12Ω10 | 25 m/47 | 12 m 28 | 8 ₹ 29 | 18©29 | 13 Ω29 | 27 m 53 | 13 m.49 | 9 ₹ 29 |
| 49S | 16©09 | 10Ω12 | 23 m, 29 | 11 m 42 | 7 ₹ 48 | 17509 | 11.031 | 25 m/39 | 13 m 05 | 8 ₹ 49 | 18509 | 12 250 | 27 m/49 | 14 m.27 | 9₹50 |
| 50S | 15947 | 9 8 29 | 23 m 14 | 12 m. 20 | 8 z 10 | 16947 | 10Ω48 | 25 m/29 | 13 m. 44 | 9 🗷 11 | 179647 | 12 0 0 9 | 27 m 44 | 15m.07 | 10×12 |
| 51S 52S | 15ഇ24 14ഇ59 | 8 N 43 | 22 m 58 22 m 40 | 13 m 02 13 m 47 | 8 ₹ 33 8 ₹ 58 | 16©23 15©59 | 10Ω03 9Ω14 | 25 m 18 | 14 m 27 | 9 * 34 9 * 59 | 17523 | 11 Ω24 10 Ω36 | 27 m 39 27 m 33 | 15 m 51 | 10 ₹35 11 ₹00 |
| 52S 53S | 14939 | 7 N 53 7 N 00 | 22 mg 19 | 13 11647 14 m 36 | 9×124 | 15939 | 8 N 21 | 25 m, 06 24 m, 52 | 15 m 13 16 m 02 | 10 \$\sigma 25 | 16958 16932 | 9 Ω 43 | 27 m 26 | 16m37 17m28 | 11 \$700 |
| 54S | 14904 | 6£002 | 21 m 55 | 15 m 28 | 9,₹51 | 15©04 | 7 N 24 | 24 m/36 | 16m.56 | 10 ₹ 53 | 16904 | 8 N 47 | 27 m, 17 | 18 m 22 | 11 7 54 |
| 55S | 13ഇ34 | 4Ω59 | 21 m/27 | 16m.26 | 10∡21 | 14933 | 6£22 | 24 m 17 | 17m.55 | 11 ₹ 23 | 15@33 | 7 Q 45 | 27 m ₂ 08 | 19 m 22 | 12 ₹ 24 |
| 56S | 13©01 | 3 № 50 | 20 m 53 | 17m.29 | 10∡54 | 14901 | 5Ω13 | 23 m 54 | 18m.59 | 11 ₹ 55 | 15©01 | 6£38 | 26 m 57 | 20 m 28 | 12 ₹ 57 |
| 57S | 12525 | 2034 | 20 m 13 | 18m.39 | 11 🗷 29 | 13525 | 3 2 5 8 | 23 m 27 | 20m.11 | 12 7 30 | 14925 | 5 Ω 24 | 26 m 43 | 21 m.40 | 13 🗷 32 |
| 58S 59S | 11©46 11©04 | 1 N 10 | 19 m/23 18 m/22 | 19 m. 57 21 m. 25 | 12 ₹ 07 12 ₹ 49 | 12©46 12©04 | 2 N 35 1 N 02 | 22 m, 54 22 m, 12 | 21 m 30 22 m 59 | 13 ₹ 09 13 ₹ 51 | 13947 13904 | 4Ω01 2Ω29 | 26 m/26 26 m/05 | 23 m.01 24 m.31 | 14 ₹ 11 14 ₹ 53 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 10ഇ16 9ഇ23 | 27©50 25©50 | 17 mg 01 15 mg 14 | 23 m 04 24 m 58 | 13 ₹ 36 14 ₹ 28 | 11©16 10©23 | 29©17 27©17 | 21 m, 17 20 m, 04 | 24 m 39 26 m 35 | 14 ₹ 38 15 ₹ 31 | 12©17 11©24 | 0Ω45 28©45 | 25 m ₂ 37 25 m ₂ 00 | 26 m. 13 28 m. 10 | 15 ₹ 40 16 ₹ 33 |
| 62S | 8©23 | 23930 | 12 mg 42 | 27 m 10 | 15×28 | 9923 | 24957 | 18 mg 19 | 28 m. 49 | 16×31 | 10923 | 26927 | 24 mg 06 | 0×26 | 10 x 33 17 x 33 |
| 63S | 7গু12 | 209544 | 8 m, 53 | 29 m 49 | 16∡38 | 8গু12 | 22512 | 15 m 37 | 1 ₹ 30 | 17∡41 | 9512 | 235642 | 22 m/43 | 3 ₹ 08 | 18 ₹ 44 |
| 64S | 5ഇ47 | 17520 | 2 m/31 | 3 ∡ 04 | 18 ₹ 02 | 6947 | 18548 | 11 mg 00 | 4 ₹ 48 | 19∡06 | 7947 | 20ഇ19 | 20 mg 16 | 6 ₹ 28 | 20 ₹ 09 |
| 65S | 3ფ58 | 12\$56 | 20 A 22 | 7 ₹ 22 | 19∡50 | 4গু58 | 14523 | 1 m/21 | 9∡09 | 20 ∡ 54 | 5গু58 | 15©54 | 14 m/48 | 10 ∡ 52 | 21 ₹ 58 |
| 66S | 1917 | 6918 | 23532 | 13 🗷 56 | 22 🗷 31 | 2915 | 7940 | 3 N 57 | 15 🗷 49 | 23 🗷 37 | 3514 | 9908 | 23 £ 53 | 17×36 | 24 🗷 41 |
| pc | 27П57 | 28 Д 32 | 28П37 | 22 ₹ 55 | 25 ₹ 54 | 28 11 38 | 29П03 | 29 II 04 | 25 ₹ 22 | 27 🗷 16 | 29П19 | 29 Д 32 | 29П32 | 27 ₹ 44 | 28 ₹ 38 |

| | Sid.Tir MC: | ne: 6h00 | 0m AR | MC: 90 |)°00' | Sid.Tir MC: | ne: 6h04 0ອ5 | 4m AR 5'03 | MC: 91 | °00' | Sid.Tir MC: | ne: 6h0 1s5 | 8m AR | CMC: 92 | 2°00' |
|------------|-----------------|---------------------------------|-------------------|----------------------|----------------------------------|---------------------|------------------------------|-----------------------------------|----------------------|----------------------------------|----------------|------------------------------|--------------------------------|-----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27954 | 27 249 | 0호00 | 2 m 10 | 2 ₹ 05 | 28\$52 | 28251 | 1 ≏ 05 | 3 m 13 | 3 ₹ 02 | 295649 | 29 254 | 2≗10 | 4m.15 | 3 ₹ 59 |
| 18 | 27947 | 27Ω40 | 0 ₽ 00 | 2m19 | 2 7 12 | 28544 | 28 142 | 1 2 0 5 | 3 m 22 | 3 7 09 | 29542 | 29 \$ 45 | 2-11 | 4 m 25 | 4 <i>₹</i> 07 |
| 2S 3S | 27540 | 27.030 | 0호00 0호00 | 2 m 29 | 2 7 19 | 28©37 28©30 | 28 N 33 | 1 2 06 | 3 m. 31 | 3 🗷 17 | 29©35 29©28 | 29 N 37 29 N 28 | 2 <u>₽</u> 12 | 4 m 34 | 4 ₹ 14 4 ₹ 21 |
| 4S | 27 27 925 | 27Ω21 27Ω12 | 0 2 00 | 2 m 38 2 m 47 | 2 ₹ 26 2 ₹ 34 | 28923 | 28 N 15 | 1요06 1요07 | 3 m. 41 3 m. 51 | 3 ₹ 24 3 ₹ 31 | 29528 | 298128 | 2 <u>□</u> 13 2 <u>□</u> 14 | 4 m 44 4 m 54 | 4 x · 21 4 z · 29 |
| 5S | 27918 | 27 & 02 | 0호00 | 2 m 57 | 2 7 41 | 28516 | 28206 | 1 - 07 | 4 m 00 | 3 7 39 | 29\$13 | 29 \Omega 10 | 2-15 | 5 m 04 | 4×36 |
| 6S | 27911 | 26 N 53 | 0 2 00 | 3 m 06 | 2 x 41 | 28508 | 27257 | 1 2 0 7 | 4 m 10 | 3×39 | 29506 | 29 Ω 01 | 2 <u>a</u> 13 | 5 m 14 | 4 x 30 |
| 7S | 27503 | 26 \Omega 43 | 0호00 | 3 m. 16 | 2×156 | 28501 | 27 Ω 48 | 1 ₾ 09 | 4 m. 20 | 3 × 15 | 28559 | 28 252 | 2 <u>□</u> 18 | 5 m 24 | 4×151 |
| 8S | 26956 | 26 233 | 0호00 | 3 m 26 | 3 ₹ 03 | 27ॼ54 | 27£38 | 1 ₾ 09 | 4m30 | 4 ₹ 01 | 28\$52 | 28 € 43 | 2 🕰 19 | 5 m 34 | 4 <i>₹</i> 58 |
| 9S | 26ණ48 | 26 24 | 0∞00 | 3 M 36 | 3 ₹ 11 | 275646 | 27£28 | 1 ≏ 10 | 4m40 | 4 ₹ 08 | 285644 | 28⋒33 | 2₽20 | 5 m 45 | 5₹06 |
| 10S | 26941 | 26 ₪ 13 | 0호00 | 3 m.46 | 3 ₹ 18 | 27539 | 27Ω19 | 1 ≏ 10 | 4 m 50 | 4 ₹ 16 | 28537 | 28⋒24 | 2 ≏ 21 | 5 M 55 | 5 <i>≱</i> 14 |
| 118 | 26933 | 26Ω03 | 000 | 3 m 56 | 3 ₹ 26 | 27931 | 27Ω09 | 1 🗅 1 1 | 5m.01 | 4 ₹ 24 | 28529 | 28 2 14 | 2 <u>□</u> 22 | 6m.06 | 5 ₹ 21 |
| 128 | 26526 | 25 0 43 | 0 2 00 | 4m.06 | 3 🗷 33 | 27524 | 26 0 18 | 1 🕰 12 | 5m.12 | 4 7 31 | 28522 | 28 \Omega 04 | 2 2 24 | 6m17 | 5×29 |
| 13S 14S | 26©18 26©10 | 25 \Omega 42 25 \Omega 32 | 0호00 0호00 | 4m.17 4m.27 | 3 x 41 3 x 49 | 27©16 27©08 | 26 N 48 26 N 38 | 1요12 1요13 | 5 m. 22 5 m. 33 | 4 ₹ 39 4 ₹ 47 | 28©14 28©06 | 27 Ω 54 27 Ω 44 | 2 <u>a</u> 25 2 <u>a</u> 26 | 6 m. 28 6 m. 39 | 5 ₹ 37 5 ₹ 45 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 26©02 25©54 | 25 Ω 21 25 Ω 09 | 0호00 0호00 | 4 m. 38 4 m. 50 | 3 ₹ 57 4 ₹ 05 | 27©00 26©52 | 26Ω27 26Ω16 | 1 △ 13 | 5 m 45 5 m 56 | 4 ₹ 55 5 ₹ 03 | 27©59 27©51 | 27 Ω34 27 Ω23 | 2 <u>a</u> 27 2 <u>a</u> 29 | 6m.51 7m.02 | 5 \$7 53 6 \$7 01 |
| 17S | 25934 | 24 \Omega 58 | 0호00 | 5m.01 | 4× 03 | 26934 | 26 Ω 05 | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | 6 m 08 | 5×03 | 27931 | 27 ω 13 | 2≘30 | 7 m 14 | 6×01 |
| 18S | 25@38 | 24 N 46 | 0호00 | 5 m 13 | 4 <i>₹</i> 21 | 26\$36 | 25 25 34 | 1 2 16 | 6m20 | 5 ₹ 20 | 27ॼ34 | 27Ω02 | 2 ≏ 32 | 7 m 27 | 6 <i>≱</i> 18 |
| 19S | 25@29 | 24 235 | 0호00 | 5 m. 24 | 4 ₹ 30 | 26\$28 | 25 N 42 | 1 ≏ 16 | 6m32 | 5 ₹ 28 | 27ഇ26 | 26⋒50 | 2₾33 | 7 m 39 | 6.₹26 |
| 20S | 25@21 | 24 \alpha 23 | 0호00 | 5m36 | 4 ₹ 38 | 26\$19 | 25 231 | 1 ≏ 17 | 6m44 | 5 <i>≱</i> 37 | 27ഇ18 | 26 239 | 2 ≏ 35 | 7 m 52 | 6₹35 |
| 21S | 25@12 | 24 \Q 10 | 0₽00 | 5m.49 | 4×47 | 26511 | 25Ω18 | 1 △ 18 | 6m.57 | 5×145 | 27509 | 26 \Omega 27 | 2≏36 | 8 m 05 | 6×43 |
| 22S | 25903 | 23 0 14 | 0 2 00 | 6m.02 | 4 🗷 56 | 26502 | 25 \O 6 | 1 🕰 19 | 7m.10 | 5 \$7 54 | 27501 | 26 \Omega 15 | 2 2 38 | 8m.18 | 6 × 52 |
| 23S 24S | 24©54 24©45 | 23 \Quad 44 23 \Quad Quad 31 | 0호00 0호00 | 6m.15 6m.28 | 5 ₹ 05 5 ₹ 14 | 25©53 25©44 | 24 \Omega 53 24 \Omega 40 | 1요20 1요21 | 7 m. 23 7 m. 37 | 6 ₹ 03 6 ₹ 12 | 26©52 26©43 | 26 Ω 03 25 Ω 50 | 2 <u>a</u> 40 2 <u>a</u> 42 | 8 m. 32 8 m. 46 | 7 <i>z</i> 701 7 <i>z</i> 711 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 24©36 24©26 | 23 Ω 17 23 Ω 03 | 0호00 0호00 | 6m.42 6m.56 | 5 x 23 | 25@35 25@25 | 24Ω27 24Ω13 | 1 <u>⊕</u> 21 | 7m.51 8m.05 | 6 ₹ 22 6 ₹ 31 | 26©34 26©24 | 25 Ω37 25 Ω24 | 2 <u>a</u> 43 | 9m.00 9m.15 | 7ヹ20 7ヹ30 |
| 27S | 24920 | 22 \(\O 49 \) | 0호00 | 7 m 10 | 5 x 42 | 25\$25 | 23 \$\alpha 59\$ | 1 222 | 8 m 20 | 6×31 | 269515 | 25 & 10 | 2 <u>a</u> 43 | 9 m 30 | 7 x 30 |
| 28S | 24907 | 22 234 | 0 ₽ 00 | 7 m 25 | 5 × 52 | 25906 | 23 & 45 | 1 24 | 8m.35 | 6×151 | 26905 | 24 \$2.56 | 2 ≙ 49 | 9m.45 | 7×149 |
| 29S | 23෨57 | 22 A 18 | 0호00 | 7m.41 | 6 ₹ 02 | 24\$56 | 23 230 | 1 ≏26 | 8m.51 | 7 ₹ 01 | 25@55 | 24Ω41 | 2₽52 | 10 m 02 | 8 ₹ 00 |
| 30S | 23546 | 22 û 03 | 0호00 | 7 NL 56 | 6 <i>₹</i> 13 | 249645 | 23 Ω 14 | 1 ≏ 27 | 9m.07 | 7 <i>≱</i> 12 | 259345 | 24 226 | 2 ≏ 54 | 10 m 18 | 8 <i>≱</i> 10 |
| 31S | 23@36 | 21 246 | 0호00 | 8 m. 13 | 6 ₹ 23 | 24935 | 22 2 58 | 1 ≏28 | 9m24 | 7 ₹ 22 | 25ॼ34 | 24 \Omega 10 | 2₽56 | 10m35 | 8 <i>≱</i> 21 |
| 32S | 23@25 | 21 229 | 0 2 00 | 8m.30 | 6×34 | 24524 | 22 \Quad 41 | 1 ₾ 29 | 9m.42 | 7 🗷 33 | 25923 | 23 \Omega 54 | 2 ₾ 59 | 10 m.53 | 8 🗷 32 |
| 33S 34S | 23©14 23©02 | 21 \alpha 12 20 \alpha 53 | 0호00 0호00 | 8m.47 9m.06 | 6 ₹ 45 6 ₹ 57 | 24©13 24©01 | 22 \Omega 24 22 \Omega 06 | 1 <u>⊕</u> 31 1 <u>⊕</u> 32 | 10m.00 10m.18 | 7 ₹ 44 7 ₹ 56 | 25©12 25©01 | 23 Ω37 23 Ω20 | 3 <u>₽</u> 02 3 <u>₽</u> 04 | 11 m.11 11 m.30 | 8 ₹ 43 8 ₹ 55 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 22©50 22©38 | 20Ω34 20Ω15 | 0호00 0호00 | 9 m 25 9 m 44 | 7 ₹ 09 7 ₹ 21 | 23 5 49 23 5 3 7 | 21 \Omega 48 21 \Omega 29 | 1 <u>⊕</u> 33 | 10m.38 10m.58 | 8 ₹ 08 8 ₹ 20 | 24549 24537 | 23 \Omega 02 22 \Omega 43 | 3 ♀ 07 3 ♀ 10 | 11 m.50 12 m.11 | 9×107 9×119 |
| 37S | 22925 | 19Ω54 | 0호00 | 10 m 05 | 7 7 34 | 23 5 25 | 21 & 09 | 1 - 37 | 11 m 19 | 8 7 33 | 249524 | 22 \Omega 23 | 3 <u>□</u> 14 | 12 m 32 | 9 7 32 |
| 38S | 22512 | 19ຄ33 | 0호00 | 10m.26 | 7 <i>≱</i> 147 | 23\$12 | 20 N 48 | 1 ₾ 38 | 11 m.41 | 8 <i>≱</i> 146 | 24511 | 22 203 | 3 ≏ 17 | 12 m 54 | 9 ₹ 45 |
| 39S | 21559 | 19Ω10 | 0ლ00 | 10m.49 | 8 ₹ 00 | 22\$58 | 20⋒26 | 1 ≙ 40 | 12m03 | 9₹00 | 23\$58 | 21 242 | 3 ₾ 21 | 13 m 18 | 9 ₹ 59 |
| 40S | 219345 | 18 Ω 47 | 0호00 | 11 m 12 | 8 ₹ 14 | 225644 | 20 20 03 | 1 ≏ 42 | 12 m 27 | 9 ∡ 14 | 23ॼ44 | 21 & 19 | 3 ₾ 25 | 13 m.42 | 10 ₹ 13 |
| 41S | 21530 | 18£22 | 0 ₽ 00 | 11m37 | 8×29 | 22530 | 19⋒39 | 1 <u>⊶</u> 44 | 12 m 52 | 9 ₹ 28 | 23530 | 20Ω56 | 3 ₾ 29 | 14m.08 | 10 ₹ 28 |
| 42S | 21©15 20©59 | 17.057 | 0 2 00 | 12 m. 02 12 m. 29 | 8 x 44 9 x 00 | 22©15 21©59 | 19Ω14 18Ω47 | 1 2 47 | 13 m 19 | 9 🗷 44 | 23©15 22©59 | 20 0 31 | 3 △ 34 | 14 m 34 | 10 ₹ 43 10 ₹ 59 |
| 43S 44S | 20@39 20@43 | 17Ω30 17Ω01 | 0호00 0호00 | 12 m 58 | 9x.00 | 21 5 3 9 21 5 4 3 | 18Ω19 | 1 <u>⊕</u> 49 1 <u>⊕</u> 52 | 13 m. 46 14 m. 15 | 9 ₹ 59 10 ₹ 16 | 22539 | 20 A 05 | 3 <u>₽</u> 39 | 15 m. 02 15 m. 32 | 10 x· 39 |
| 45S | 20926 | 16ω31 | 0 = 00 | 13 m 28 | 9,733 | 21526 | 17Ω50 | 1 = 32 | 14 m 46 | 10 🗷 33 | 22526 | 19Ω09 | 3 - 50 | 16 m 03 | 11 🗷 32 |
| 45S 46S | 20@26 20@08 | 15251 | 0500 | 13 116 28 14 m 00 | 9 \$751 | 21 5 26 | 178130 | 1 1 2 55 | 14 IL 46 | 10 \$751 | 22508 | 193709 18 N 38 | 3≗50 | 16 m 36 | 11 \$750 |
| 47S | 19549 | 15 25 | 0 ☎ 00 | 14m.34 | 10 \$7 10 | 20549 | 16 \$\alpha 45 | 2 ₾ 02 | 15 m 53 | 11 🗷 10 | 21950 | 18 № 06 | 4 <u>₽</u> 04 | 17 m 11 | 12×09 |
| 48S | 19529 | 14Ω49 | 0₽00 | 15 m 10 | 10 ₹ 30 | 20\$30 | 16Ω10 | 2 2 0 6 | 16m30 | 11 ∡ 30 | 21530 | 17ω31 | 4≏12 | 17 m 49 | 12 ₹ 29 |
| 49S | 19©09 | 14Ω11 | 0호00 | 15m48 | 10 ₹ 50 | 20509 | 15Ω32 | 2 ₾ 10 | 17m09 | 11 ₹ 50 | 215510 | 16Ω54 | 4≗20 | 18 m.28 | 12 ₹ 50 |
| 50S | 18947 | 13 A 30 | 0₽00 | 16m29 | 11 ₹ 12 | 19547 | 14Ω52 | 2 - 15 | 17m.50 | 12 ₹ 13 | 20ഇ48 | 16Ω15 | 4₽30 | 19 m 11 | 13 द 12 |
| 518 | 18523 | 12046 | 0000 | 17 m 13 | 11 🗷 36 | 19524 | 14Ω08 | 2 ♣ 20 | 18 m. 35 | 12 7 36 | 20525 | 15 \O 32 | 4 <u>0</u> 41 | 19 m. 56 | 13 🗷 36 |
| 52S 53S | 17©59 17©32 | 11Ω58 11Ω07 | 0호00 0호00 | 18m.01 18m.52 | 12 ₹ 00 12 ₹ 27 | 18©59 18©33 | 13 Ω 22 12 Ω 31 | 2 <u>0</u> 26 | 19 m. 23 20 m. 16 | 13 ₹ 01 13 ₹ 27 | 20©00 19©34 | 14 Ω 46 13 Ω 57 | 4 ♀ 53 5 ♀ 07 | 20 m. 45 21 m. 38 | 14 द 01 14 द 27 |
| 54S | 17932 | 10Ω11 | 0±00 | 19m.48 | 12×27 12×55 | 18905 | 128(31 | 2 <u>a</u> 42 | 21 m. 12 | 13 x 27 13 z 55 | 19934 | 13 803 | 5 € 23 | 21 IIL 38 22 IL 35 | 14 x 27 |
| 55S | 16934 | 9Ω10 | 0 0 00 | 20 m 49 | 13 🗷 25 | 17935 | 10ω37 | 2₽51 | 22 m 14 | 14 🗷 26 | 18936 | 12 Ω 04 | 5 - 4 2 | 23 m 37 | 15 ₹ 26 |
| 56S | 16901 | 8Ω04 | 0호00 | 2011L49 21 m 55 | 13 x 23 | 17933 | 9031 | 3 ₾ 02 | 23 m 21 | 14 x · 20 14 x · 58 | 18904 | 11000 | 6 <u>0</u> 05 | 24 m 46 | 15 x 20 |
| 57S | 15©26 | 6£51 | 0호00 | 23 m 09 | 14 ≉ 33 | 16927 | 8 Ω 19 | 3 ₾ 16 | 24 m 35 | 15 ₹ 34 | 17529 | 9 € 49 | 6₽32 | 26m.01 | 16∡34 |
| 58S | 14947 | 5ຄ29 | 0₽00 | 24m30 | 15 ₹ 12 | 159548 | 6£058 | 3 ₾ 33 | 25 m 58 | 16 ₹ 12 | 16950 | 8 N 29 | 7≏05 | 27 m 24 | 17 ₹ 13 |
| 59S | 14905 | 3£58 | 0호00 | 26m.01 | 15 ₹ 54 | 15506 | 5 N 28 | 3 ≏ 54 | 27m30 | 16 ₹ 55 | 16508 | 7Ω00 | 7 ≙ 47 | 28 m 57 | 17 ₹ 55 |
| 60S | 13518 | 2015 | 0 ₽ 00 | 27m44 | 16 🗷 41 | 145519 | 3 € 46 | 4 ≏ 22 | 29 m 14 | 17×42 | 15©21 | 5 Ω 20 | 8 △ 42 | 0 ∡ 42 | 18 ₹ 43 |
| 618 | 12@25 | 0Ω16 | 0000 | 29 m 43 | 17×34 | 13526 | 1 \O 49 | 4 <u>₽</u> 59 | 1 🗷 14 | 18 🗷 35 | 14528 | 3 \Omega 24 | 9₽55 | 2 × 42 | 19 🗷 36 |
| 62S 63S | 11©24 10©14 | 27©59 25©15 | 0호00 0호00 | 2 ₹ 00 4 ₹ 44 | 18 ₹ 35 19 ₹ 45 | 12©26 11©15 | 29©33 26©51 | 5 ≏ 53 7 ≏ 16 | 3 ₹ 32 6 ₹ 17 | 19 ₹ 36 20 ₹ 47 | 13©28 12©18 | 1Ω10 28©29 | 11 <u>0</u> 40 | 5 ₹ 02 7 ₹ 47 | 20 ₹ 36 21 ₹ 47 |
| 64S | 8948 | 23913 | 0 2 00 | 8×144 | 21 \$7 11 | 9950 | 23531 | 9 2 43 | 9×17 | 20 x 47 22 x 12 | 10953 | 25911 | 18 <u>2</u> 22 | 11 × 11 | 23 🗷 12 |
| 65S | 6959 | 17929 | 0 2 00 | 12×30 | 23 🗷 00 | 8501 | 19507 | 15 ⊕ 11 | 14×105 | 24 🗷 01 | 9905 | 20@50 | 28 ₾ 38 | 15 × 36 | 25 🗷 01 |
| 66S | 4915 | 10942 | 0 2 00 | 12 x· 30 | 25 x 44 | 59518 | 12523 | 6m.06 | 20 × 51 | 26×45 | 6922 | 149510 | 26m.02 | 22 × 19 | 27 × 44 |
| pc | 0000 | 0500 | 0 ☎ 00 | 29 \$7 59 | 29 \$7 59 | 19521 | 2515 | 0중27 | 0중27 | 0중40 | 2543 | 4937 | 0중55 | 0중56 | 1321 |
| | | | | ļ. | | | | | | 221200 | | | i | ļ | |

| | Sid.Tin MC: | | 2m AR 5'10 | MC: 93 | °00' | Sid.Tir MC: | | 6m AR 0'15 | MC: 94 | l°00' | Sid.Tir MC: | ne: 6h20 4s3 | | RMC: 95 | ;°00' |
|------------|------------------|----------------------------|----------------------------------|--------------------|----------------------------------|----------------------------|--------------------------|------------------------------------|--------------------------------|--------------------|-----------------------|----------------------------|----------------------------------|-----------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0Ω47 | 0 m, 57 | 3 ≏ 16 | 5 m 17 | 4 <i>₹</i> 156 | 1 & 45 | 2 m, 00 | 4 <u>₽</u> 21 | 6m.19 | 5 ₹ 53 | 2 N 43 | 3 m 03 | 5 ≏ 26 | 7 m.21 | 6 <i>₹</i> 50 |
| 1S | 0 Ω 40 | 0 m/48 | 3 ≏ 17 | 5 m 27 | 5 ≉ 04 | 1 № 38 | 1 m 52 | 4 ≏ 23 | 6m29 | 6 ₹ 00 | 2⋒36 | 2 m 55 | 5 🕰 29 | 7m31 | 6₹57 |
| 2S | 0ຄ33 | 0 mg 40 | 3 ₾ 19 | 5 m 37 | 5×11 | 1 2 3 1 | 1 mg 44 | 4 2 25 | 6m39 | 6×08 | 2 & 2 9 | 2 m/47 | 5 2 31 | 7m41 | 7 ₹ 05 |
| 3S 4S | 0Ω26 0Ω19 | 0 m/32 0 m/23 | 3 <u>⊕</u> 20 | 5 m 47 5 m 57 | 5 ₹ 18 5 ₹ 26 | 1 Ω 24 1 Ω 17 | 1 m ₂ 35 | 4요27 4요29 | 6m49 6m59 | 6 x 15 6 x 23 | 2 N 2 2 2 N 1 5 | 2 m/39 2 m/31 | 5 ⊕ 34 5 ⊕ 37 | 7 m 52 8 m 02 | 7 <i>ヌ</i> 12 7 <i>ヌ</i> 20 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 0Ω11 0Ω04 | 0 mg 14 0 mg 06 | 3 <u>a</u> 23 | 6m07 6m17 | 5 ₹ 33 5 ₹ 41 | 1Ω10 1Ω02 | 1 mg 19 1 mg 10 | 4 <u>0</u> 31 4 <u>0</u> 33 | 7 m 10 7 m 20 | 6 x 30 6 x 38 | 2Ω08 2Ω01 | 2 m/23 2 m/15 | 5 ≘ 39 5 ≘ 42 | 8 m. 13 8 m. 23 | 7 ₹ 27 7 ₹ 35 |
| 7S | 29957 | 29257 | 3 2 2 3 | 6m28 | 5 × 41 | 0Ω55 | 1 mp 10 | 4 <u>2</u> 33 | 7 m 31 | 6×38 | 1054 | 2 mg 07 | 5 ≗ 42 5 ≗ 45 | 8 m 34 | 7×133 |
| 8S | 29\$50 | 29 \$\alpha 48 | 3 ₾ 28 | 6m.38 | 5×156 | 0 Ω 48 | 0 m ₂ 53 | 4≗38 | 7 m 42 | 6×13 | 1 Ω 47 | 1 m ₂ 58 | 5 - 47 | 8 m 45 | 7×150 |
| 9S | 29ॼ42 | 29⋒39 | 3 ₾ 30 | 6m49 | 6 ₹ 03 | 0 ຄ 41 | 0 mg 44 | 4 <u>⊶</u> 40 | 7 m 53 | 7 . 701 | 1 ⋒ 39 | 1 m 50 | 5 🕰 50 | 8 m 57 | 7 ∡ 758 |
| 10S | 29ഇ35 | 29 & 29 | 3 ₾ 32 | 7 m.00 | 6 <i>≱</i> 11 | 0 ຄ 34 | 0 mp 35 | 4 △ 43 | 8m.04 | 7 ₹ 08 | 1 2 3 2 | 1 mp 41 | 5 🕰 53 | 9 m 08 | 8 🗷 05 |
| 11S | 29928 | 29 & 20 | 3 ₾ 34 | 7m.11 | 6 ₹ 19 | 0 <i>α</i> 26 | 0 m/ 26 | 4 △ 45 | 8m.15 | 7 <i>≱</i> 16 | 1 25 | 1 m/32 | 5 ≙ 56 | 9m.19 | 8×13 |
| 12S | 29920 | 29 ₪ 11 | 3 ₾ 36 | 7 m 22 | 6 ∡ 127 | 0Ω19 | 0 mg 17 | 4 <u>⊶</u> 48 | 8m27 | 7 ₹ 24 | 1Ω17 | 1 m/24 | 5₽59 | 9m31 | 8 ₹ 21 |
| 13S | 29513 | 29 201 | 3 <u>0</u> 37 | 7 m 33 | 6×135 | 0Ω11 | 0 m 08 | 4 🕰 50 | 8m.38 | 7 🗷 32 | 1Ω10 | 1 m, 14 | 6₽03 | 9 m 43 | 8 🗷 29 |
| 14S | 29505 | 28£51 | 3 ₾ 39 | 7m45 | 6 ₹ 43 | 0 ຄ 04 | 29 A 58 | 4≗53 | 8 m. 50 | 7 ₹ 40 | 1 202 | 1 m, 05 | 6₽06 | 9 m 55 | 8 🗷 37 |
| 15S | 28957 | 28241 | 3 △ 41 | 7m.56 | 6×151 | 29\$56 | 29 € 48 | 4 <u>0</u> 55 | 9m.02 | 7 ₹ 48 | 0Ω55 | 0 m 56 | 6₽09 | 10 m 07 | 8 × 45 |
| 16S 17S | 28549 28541 | 28 \Quad 31 \\ 28 \Quad 20 | 3 <u>⊶</u> 43 3 <u>⊶</u> 46 | 8 m 08 8 m 21 | 6 ₹ 59 7 ₹ 07 | 29548 29540 | 29 N 38 29 N 28 | 4요58 5요01 | 9m.14 9m.27 | 7 ₹ 56 8 ₹ 05 | 0Ω47 0Ω39 | 0 mg 46 0 mg 36 | 6 <u>0</u> 13 | 10 m. 20 10 m. 32 | 8 ₹ 54 9 ₹ 02 |
| 17S 18S | 28933 | 282120 28210 | 3 <u>2</u> 46 3 <u>2</u> 48 | 8 m 33 | 7 x 0 7 7 x 15 | 29932 | 29 £128 29 £118 | 5 <u>2</u> 01 | 9 m 39 | 8 \$7 13 | 08239 | 0 mg 26 | 6 <u>₽</u> 20 | 10 11 1 3 2 1 0 m 4 5 | 9 2 11 |
| 19S | 28@25 | 27.059 | 3 - 50 | 8 m 46 | 7×13 | 29@24 | 29207 | 5 2 07 | 9 m. 52 | 8 × 13 | 0ຄ23 | 0 mg 16 | 624 | 10 m 59 | 9,719 |
| 208 | 28917 | 27Ω47 | 3 ≏ 52 | 8 m 59 | 7 <i>₹</i> 133 | 29ഇ16 | 28£56 | 5 🕰 10 | 10m.06 | 8 ₹ 30 | 0ຄ15 | 0 mg 06 | 6 ≙ 27 | 11 m 12 | 9.2128 |
| 21S | 28508 | 27 Ω 36 | 3 ₾ 55 | 9 m. 12 | 7 <i>x</i> 41 | 29507 | 28 245 | 5 □ 13 | 10m.19 | 8 🗷 39 | 0Ω07 | 29 255 | 6 ₽ 31 | 11 m. 26 | 9 🗷 37 |
| 22S | 28500 | 27Ω24 | 3 ≏ 57 | 9m26 | 7 ∡ 750 | 28\$59 | 28⋒34 | 5 ≏ 16 | 10m.33 | 8 ₹ 48 | 29\$58 | 29 ₪ 44 | 6₽36 | 11 m 40 | 9.₹46 |
| 23S | 27951 | 27 \Omega 12 | 4 ₾ 00 | 9m40 | 7 ₹ 59 | 28550 | 28 22 | 5 <u>0</u> 20 | 10m.47 | 8 z 57 | 29549 | 29 232 | 6 ≏ 40 | 11 m 55 | 9,755 |
| 24S | 279542 | 27200 | 4≗03 | 9 m 54 | 8 ≯ 09 | 28541 | 28Ω10 | 5 ≏ 23 | 11 m.02 | 9 ₹ 07 | 295641 | 29 221 | 6 ≏ 44 | 12m09 | 10 ₹ 04 |
| 25S | 27533 | 26⋒47 | 4ჲ05 | 10m.09 | 8 ₹ 18 | 28532 | 27£58 | 5 ≏ 27 | 11m17 | 9∡16 | 29\$32 | 29 ₪ 09 | 6 ≏ 49 | 12 m 25 | 10 ₹ 14 |
| 26S | 27523 | 26234 | 4 <u>0</u> 08 | 10m.24 | 8 🗷 28 | 28@23 | 27.045 | 5 △ 31 | 11 m 32 | 9 \$7 26 | 29523 | 28 257 | 6 ≙ 54 | 12 m. 40 | 10 7 24 |
| 27S 28S | 27©14 27©04 | 26Ω21 26Ω07 | 4 <u>요</u> 11 4 <u>요</u> 14 | 10m.39 10m.55 | 8 ₹ 38 8 ₹ 48 | 28©13 28©04 | 27 Ω 32 27 Ω 19 | 5 ⊕ 35 5 ⊕ 39 | 11 m.48 12 m.04 | 9 x 36 | 29©13 29©04 | 28 N 44 28 N 31 | 6요59 7요04 | 12 m 56 13 m 13 | 10 ₹ 34 10 ₹ 44 |
| 29S | 26954 | 25 N 53 | 4 <u>₽</u> 14 | 11 m 11 | 8 × 58 | 27954 | 27205 | 5 - 44 | 12 m 21 | 9 \$7 56 | 28954 | 28 A 18 | 7≗04 | 13 m 30 | 10 🗷 54 |
| 30S | 26944 | 25 A 38 | 4≗21 | 11 m 28 | 9.708 | 275344 | 26251 | 5 <u>0</u> 48 | 12 m. 38 | 10 🗷 07 | 28544 | 28204 | 7≗15 | 13 m.48 | 11 ₹ 05 |
| 31S | 26934 | 25 N 23 | 4 <u>=</u> 21 | 11 m 46 | 9 🖈 19 | 27933 | 26£31 | 5 € 53 | 12 m 56 | 10 \$ 07 | 28933 | 27 Ω 49 | 7-213 | 14m.06 | 11 x 03 |
| 32S | 26523 | 25 207 | 4₾28 | 12 m 04 | 9∡30 | 27523 | 26 \Omega 21 | 5 € 58 | 13 m. 15 | 10 🗷 29 | 28523 | 27 235 | 7 <u>₽</u> 27 | 14 m 25 | 11 🗷 27 |
| 33S | 26912 | 24 251 | 4 ≏ 32 | 12 m 23 | 9 ₹ 42 | 27ഇ12 | 26⋒05 | 6₽03 | 13 m 34 | 10 ₹ 40 | 28512 | 27Ω19 | 7 ≗ 34 | 14 m 44 | 11 ₹ 38 |
| 34S | 26901 | 24 234 | 4 ≏ 37 | 12m42 | 9 ₹ 53 | 27901 | 25 € 48 | 6₽09 | 13 m 53 | 10 ₹ 52 | 28501 | 27 A 03 | 7 ≏ 41 | 15 m 04 | 11 ₹ 50 |
| 35S | 25©49 | 24 20 16 | 4 ≏ 41 | 13 m 02 | 10 ₹ 05 | 26949 | 25⋒31 | 6 ₽ 15 | 14 m 14 | 11 ≉ 04 | 275649 | 26⋒46 | 7 ≙ 48 | 15 m 25 | 12 ₹ 02 |
| 36S | 25937 | 23 2 5 3 8 | 4₽46 | 13 m. 23 | 10 × 18 | 26937 | 25Ω13 | 6₽21 | 14m35 | 11 🗷 16 | 27937 | 26 229 | 7≗56 | 15 m 47 | 12 🗷 15 |
| 37S 38S | 25©24 25©12 | 23 Ω 39 23 Ω 19 | 4 <u>₽</u> 51 | 13 m 45 | 10∡31 10∡44 | 26525 | 24Ω55 24Ω35 | 6 <u>₽</u> 27 | 14m.57 | 11 x 29 11 x 42 | 27925 | 26Ω11 25Ω52 | 8 ≏ 04 | 16 m 09 16 m 33 | 12 7 27 |
| 39S | 24958 | 22258 | 4 <u>⊕</u> 56 5 <u>⊕</u> 02 | 14 m 31 | 10× 44 10× 58 | 25959 | 248 <i>t</i> 33 24Ω15 | 6≗42 | 15 m 45 | 11 \$7.42 | 26959 | 25 N 33 | 8 <u>₽</u> 22 | 16 m 57 | 12 🗷 55 |
| 40S | 249644 | 22.036 | 5-02 | 14m.56 | 11 🗷 12 | 25945 | 23 \Omega 54 | 6 - 50 | 16 m 10 | 12 🗷 10 | 26946 | 25 \Omega 12 | 8 <u>0</u> 32 | 17 m 23 | 13 🗷 09 |
| 40S 41S | 24930 | 22 N 13 | 5 2 14 | 15 m 22 | 11×12 | 25931 | 23 N 31 | 6 <u>₽</u> 59 | 16m.36 | 12 x 10 | 26932 | 24 \$\alpha 50 | 8 <u>⊶</u> 32 | 17 nc 23 | 13×109 |
| 42S | 24915 | 21 \Omega 49 | 5 2 21 | 15 m 49 | 11 🗷 42 | 25©16 | 23 208 | 7≗08 | 17m.04 | 12 × 40 | 26917 | 24 \Omega 27 | 8 ⊆ 54 | 18 m. 18 | 13 🗷 39 |
| 43S | 24900 | 21 224 | 5 🕰 28 | 16m.18 | 11 ₹ 58 | 25©00 | 22 N 43 | 7 🕰 18 | 17m33 | 12 ₹ 56 | 26902 | 24 20 03 | 9ჲ07 | 18m47 | 13 ₹ 55 |
| 44S | 235644 | 20 A 57 | 5 ≙ 37 | 16m48 | 12 ₹ 14 | 245644 | 22Ω17 | 7 ≏ 28 | 18m.03 | 13 ₹ 13 | 259346 | 23 ຄ38 | 9 ≏ 20 | 19m.18 | 14 ₹ 12 |
| 45S | 23527 | 20 ຄ 29 | 5 ≙ 45 | 17m20 | 12 ₹ 32 | 24©28 | 21 2 50 | 7 ≙ 40 | 18m.36 | 13 ₹ 30 | 25\$29 | 23 & 11 | 9 亞 35 | 19m.51 | 14 ₹ 29 |
| 46S | 23509 | 19259 | 5 € 55 | 17m.53 | 12 7 50 | 24510 | 21 221 | 7 ⊆ 53 | 19m.10 | 13 🗷 49 | 25911 | 22 \Omega 43 | 9₽50 | 20 m 25 | 14 🗷 47 |
| 47S | 22551 | 19 27 | 6 <u>0</u> 06 | 18m29 | 13 🗷 09 | 23 5 5 2 | 20250 | 8 ≏ 07 | 19 m 46 | 14 \$7 08 | 24553 | 22 \Q 13 | 10 △ 08 | 21 m 02 | 15 7 06 |
| 48S 49S | 22@31 22@11 | 18Ω53 18Ω17 | 6 <u>₽</u> 17 | 19m07 19m47 | 13 ₹ 29 13 ₹ 50 | 23@32 23@12 | 20Ω16 19Ω41 | 8 <u>요</u> 22 8 <u>요</u> 39 | 20 m. 24 21 m. 05 | 14 x 28 14 x 49 | 24 24 24 914 | 21 \Quad 40 21 \Quad 06 | 10 <u>≏</u> 27 10 <u>≏</u> 48 | 21 m.41 22 m.22 | 15∡26 15∡47 |
| | | | | | | 22@50 | | | | | l . | | | | |
| 50S 51S | 215549 215526 | 17Ω39 16Ω57 | 6 ♀ 45 7 ♀ 01 | 20 m 30 21 m 16 | 14 ₹ 12 14 ₹ 35 | 22 22 22 22 27 | 19Ω03 18Ω23 | 8요59 9요20 | 21 m.49 22 m.35 | 15 x 11 15 x 34 | 23@52 23@29 | 20 A 29 19 A 49 | 11 <u>⊕</u> 12 | 23 m 06 23 m 53 | 16∡10 16∡33 |
| 52S | 21901 | 16Ω12 | 7 ⊆ 01 | 22 m 06 | 15×30 | 22503 | 17£39 | 9₽44 | 23 m 25 | 15 x 59 | 23905 | 198049 | 12 2 08 | 24 m 44 | 16×53 |
| 53S | 20935 | 15Ω24 | 7≗40 | 22 m 59 | 15 ₹ 27 | 21 5 37 | 16251 | 10 ₾ 12 | 24 m 19 | 16 ₹ 26 | 22539 | 18 A 20 | 12-43 | 25 m 39 | 17 ₹ 25 |
| 54S | 20ഇ08 | 14 0 31 | 8요04 | 23 m 57 | 15 ₹ 55 | 21 5 10 | 16£000 | 10ჲ44 | 25 m 18 | 16 ₹ 54 | 22512 | 17£29 | 13 ₾ 22 | 26 m 38 | 17∡53 |
| 55S | 19ള38 | 13 ຄ 33 | 8₽32 | 25 m 00 | 16∡25 | 20ഇ40 | 15 ຄ 03 | 11≏21 | 26m22 | 17 ₹ 25 | 21 5 42 | 16ຄ34 | 14≏08 | 27 m 42 | 18∡24 |
| 56S | 19505 | 12030 | 9206 | 26m 09 | 16 🗷 58 | 20©08 | 14Ω01 | 12 2 05 | 27m31 | 17×58 | 21510 | 15 233 | 15 202 | 28 m 52 | 18 🗷 57 |
| 57S | 18930 | 11 \(\O 20 \) | 9 ≏ 46 | 27 m 25 | 17 🗷 34 | 19533 | 12.0.52 | 12 ≏ 58 | 28 m. 48 | 18 🗷 33 | 20\$36 | 14 \(\O 26 \) | 16 207 | 0 \$7 09 | 19 🗷 32 |
| 58S 59S | 17©52 17©10 | 10 A 02 8 A 34 | 10 ≏ 36 11 ≏ 38 | 28 m. 49 0 ≈ 23 | 18 ₹ 13 18 ₹ 55 | 18©55 18©13 | 11Ω36 10Ω10 | 14 ♀ 03 15 ♀ 24 | 0∡12 1∡47 | 19 x 12 19 x 55 | 19©58 19©16 | 13Ω11 11Ω47 | 17 ≗ 26 19 ≗ 04 | 1 ₹34 3 ₹09 | 20 ₹ 11 20 ₹ 54 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 16©23 15©31 | 6Ω55 5Ω01 | 12 ≏ 58 14 ≏ 45 | 2 ₹ 09 4 ₹ 09 | 19 ₹ 43 20 ₹ 36 | 17©26 16©34 | 8Ω32 6Ω41 | 17 ♀ 08 19 ♀ 26 | 3 ₹ 33 5 ₹ 34 | 20 ₹ 42 21 ₹ 35 | 18©30 17©38 | 10Ω12 8Ω22 | 21 <u>⊕</u> 10 23 <u>⊕</u> 55 | 4 ₹ 56 6 ₹ 58 | 21 🗷 41 22 🗷 34 |
| 62S | 14931 | 2049 | 14±43 17£17 | 4×109 6×129 | 20×36 | 15935 | 4Ω30 | 19 <u>11</u> 26 22 <u>11</u> 39 | 3 × 34 7 × 55 | 21 × 35 22 × 36 | 16939 | 83122 6Ω14 | 23 ± 33 27 £ 43 | 9×18 | 22 x 34 |
| 63S | 13521 | 0Ω10 | 21 <u>0</u> 6 | 9×15 | 22×47 | 14525 | 1Ω54 | 27 ≏ 24 | 10 🗷 41 | 23 🗷 46 | 15@30 | 3 \Omega 40 | 3 m. 10 | 12 🗷 04 | 24 🗷 45 |
| 64S | 11957 | 26955 | 27 ≏ 28 | 12 ₹ 39 | 24×12 | 13©01 | 28541 | 4 m 59 | 14 ≈ 04 | 25 ₹ 11 | 14506 | 0ຄ31 | 11 m.31 | 15 ₹ 26 | 26 ₹ 09 |
| ۱ ت. ت | | | | | 26 701 | 11014 | 24620 | 18m.16 | 10 7 27 | 26 ₹ 59 | 12520 | 26923 | 25 m 01 | 19∡47 | 27 ₹ 56 |
| 65S | 10ഇ09 | 22937 | 9m37 | 17 ҂ 03 | 26 ₮ 01 | 119514 | 24928 | 1011610 | 18 ∡ 27 | 20 x 37 | 12 20 20 | 203923 | 23 11601 | 19×'4/ | 217 30 |
| | 10ഇ09 7ഇ28 | 22©37 16©03 | 9 m. 37 6 ∡ 27 | 17 ₹ 03 23 ₹ 41 | 28 × 42 | 8936 | 18503 | 12 🗷 37 | 24 × 57 | 29 🗷 38 | 9945 | 205023 | 16×143 | 26×109 26×31 | 0중33 3중25 |

| | Sid.Tir MC: | | 4m AR 60'29 | MC: 96 | 5°00' | Sid.Tir MC: | | 8m AR 5'39 | MC: 97 | 7°00' | Sid.Tir MC: | ne: 6h32 7ອ2 | 2m AR | CMC: 98 | 3°00' |
|------------|------------------|------------------------------|----------------------------------|------------------------|----------------------------------|----------------------------------|------------------------------|----------------------------------|----------------------|--|---------------------------------|------------------------------|----------------------------------|---------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 3⋒41 | 4 mg 06 | 6 亞 32 | 8 m. 22 | 7∡146 | 4£39 | 5 m, 10 | 7 亞 37 | 9m23 | 8 ₹ 43 | 5 A 38 | 6 mg 13 | 8 ≏ 42 | 10 m 24 | 9,₹39 |
| 1S 2S | 3 Ω 34 3 Ω 27 | 3 m 59 3 m 51 | 6 亞 35 | 8 m. 32 8 m. 43 | 7 ₹ 54 8 ₹ 01 | 4Ω32 4Ω26 | 5 m 03 4 m 55 | 7 요 40 7 요 44 | 9m.34 9m.45 | 8 x 50 8 x 58 | 5Ω31 5Ω24 | 6 mg 07 6 mg 00 | 8 요 46 8 요 50 | 10 m 35 10 m 46 | 9×147 9×154 |
| 3S | 3 N 20 | 3 mg 44 | 6 <u>4</u> 1 | 8 m 54 | 8×01 | 43120 4Ω19 | 4 mg 48 | 7 <u>2</u> 44 7 <u>2</u> 47 | 9 m 56 | 9 \$7 05 | 5 Ω 17 | 5 mg 52 | 8 <u>2</u> 54 | 10 m 57 | 10 \$7 02 |
| 4S | 3 N 13 | 3 m/ 36 | 6₽44 | 9m.04 | 8 ₹ 16 | 4Ω12 | 4 m/ 41 | 7-2-51 | 10m.07 | 9 ₹ 13 | 5Ω11 | 5 m, 45 | 8₽58 | 11 m 09 | 10 \$709 |
| 5S | 3⋒06 | 3 m/ 28 | 6 ≏ 47 | 9m.15 | 8 <i>≱</i> 124 | 4£05 | 4 m/ 33 | 7 ≏ 55 | 10m.18 | 9.₹21 | 5Ω04 | 5 m/ 38 | 9ჲ03 | 11 m.20 | 10 ₹ 17 |
| 6S | 2£59 | 3 m/20 | 6₽50 | 9m26 | 8×32 | 3 A 58 | 4 m/ 25 | 7 ≏ 59 | 10m29 | 9 ₹ 28 | 4 <i>Ω</i> 57 | 5 m/ 31 | 9ჲ07 | 11 m 31 | 10 ₹ 25 |
| 7S 8S | 2Ω52 2Ω45 | 3 mg 12 3 mg 04 | 6 ♀ 54 | 9 m 37 9 m 49 | 8 ₹ 39 8 ₹ 47 | 3Ω51 3Ω44 | 4 mg 18 4 mg 10 | 8요02 8요06 | 10 m. 40 10 m. 52 | 9 x 36 | 4Ω50 4Ω43 | 5 m 23 5 m 16 | 9 亞 11 | 11 m.43 11 m.55 | 10 ₹ 33 10 ₹ 40 |
| 9S | 20143 20138 | 2 m/ 56 | 7 <u>0</u> 00 | 10m.00 | 8×147 | 3 N 37 | 4 m 02 | 8 <u>⊶</u> 10 | 11 m 03 | 9x.44 9x.51 | 4 <i>8</i> 143 4 <i>Ω</i> 36 | 5 mg 08 | 9≗10 | 12 m 06 | 10 x 40 |
| 108 | 2.031 | 2 m 47 | 7ჲ04 | 10 m 12 | 9 ₹ 02 | 3 2 3 3 0 | 3 m 54 | 8 ≏ 15 | 11 m. 15 | 9 27 59 | 4 <i>Ω</i> 29 | 5 m 00 | 9 ≙ 25 | 12 m 18 | 10∡56 |
| 11S | 2 \Omega 24 | 2 m/ 39 | 7≏08 | 10 m 23 | 9∡10 | 3 23 | 3 m/ 46 | 8 ≏ 19 | 11 m 27 | 10 ₹ 07 | 4Ω22 | 4 m 53 | 9₽30 | 12m31 | 11 ∡ 04 |
| 12S | 2016 | 2 m/30 | 7≏11 | 10m.35 | 9 🗷 18 | 3 2 16 | 3 m/ 37 | 8 ₾ 23 | 11 m 39 | 10 \$7 15 | 4Ω15 | 4 m 45 | 9₽35 | 12 m. 43 | 11 7 12 |
| 13S 14S | 2Ω09 2Ω02 | 2 m/22 2 m/13 | 7 ≏ 15 7 ≏ 19 | 10 m. 47 11 m. 00 | 9 ₹ 26 9 ₹ 34 | 3 N 08 | 3 m/29 3 m/20 | 8 <u>요</u> 27 8 <u>요</u> 32 | 11 m.52 12 m.04 | 10 ₹23 10 ₹31 | 4Ω08 4Ω00 | 4 m/36 4 m/28 | 9 요 40 9 요 45 | 12 m. 56 13 m. 08 | 11 ₹ 20 11 ₹ 28 |
| 15S | 1 Ω 54 | 2 m 03 | 7 - 13 | 11 m. 12 | 9 🗗 43 | 2053 | 3 mg 11 | 8 - 37 | 12 m 17 | 10 \$7 40 | 3253 | 4 m 20 | 9 <u>a</u> 50 | 13 m 21 | 11 🗷 37 |
| 16S | 1 Ω 46 | 1 m ₂ 54 | 7 = 23 | 11 m 25 | 9×151 | 2 Ω 46 | 3 mg 02 | 8 - 41 | 12 m 30 | 10 × 40 | 3 N 45 | 4 mg 11 | 9₽56 | 13 m 34 | 11 \$7 45 |
| 17S | 1⋒38 | 1 m, 45 | 7 ≙ 31 | 11 m 38 | 9₹59 | 2⋒38 | 2 m 53 | 8 ≏ 46 | 12 m 43 | 10 ₹ 56 | 3 N 38 | 4 m 02 | 10ჲ01 | 13 m.48 | 11 ₹ 53 |
| 188 | 1 0 3 3 | 1 m 35 | 7 ≏ 36 | 11 m. 51 | 10 × 08 | 2 0 3 3 | 2 m 44 | 8 ≏ 51 | 12 m 56 | 11 7 05 | 3 0 3 3 | 3 m 53 | 10 <u>0</u> 07 | 14 m 02 | 12 7 02 |
| 198 | 1 Ω 23 | 1 m 25 | 7 ≏ 40 | 12m.05 | 10 7 17 | 2 \O 2 2 | 2 m/34 | 8 <u>-</u> 57 | 13 m 10 | 11 7 14 | 3 & 2 2 | 3 m 44 | 10 a 13 | 14m.16 | 12 🗷 11 |
| 20S 21S | 1Ω14 1Ω06 | 1 m, 15 1 m, 05 | 7 ≗ 45 7 ≗ 50 | 12 m 18 12 m 32 | 10 ₹ 25 10 ₹ 34 | 2Ω14 2Ω06 | 2 m/25 2 m/15 | 9 亞 02 9 亞 08 | 13 m. 24 13 m. 39 | 11 x 23 11 x 31 | 3Ω14 3Ω06 | 3 m/ 35 3 m/ 25 | 10 ♀ 19 | 14 m. 30 14 m. 44 | 12 ₹ 20 12 ₹ 29 |
| 22S | 0Ω58 | 0 m, 54 | 7 ≘ 50 | 12 m.47 | 10 ₹ 43 | 1 258 | 2 m/ 04 | 9 ≏ 13 | 13 m 53 | 11 7 41 | 2⋒58 | 3 m 15 | 10≘23 | 14 m 59 | 12×25 |
| 23S | 0Ω49 | 0 m 43 | 8 <u>0</u> 00 | 13 m 02 | 10 🗷 53 | 1 2 49 | 1 m 54 | 9 ≏ 19 | 14m.08 | 11 7 50 | 2049 | 3 m 05 | 10 ₾ 39 | 15 m 15 | 12 🗷 47 |
| 24S | 0Ω40 | 0 mg 32 | 8≗05 | 13 m 17 | 11 ₹ 02 | 1 \$\alpha 40 | 1 m/43 | 9₽25 | 14m24 | 11 🗷 59 | 2Ω41 | 2 m/54 | 10≏46 | 15 m 30 | 12 🗷 56 |
| 25S 26S | 0Ω32 0Ω22 | 0 mg 20 0 mg 08 | 8 亞 10 | 13 m 32 13 m 48 | 11∡11 11∡21 | 1 Ω 32 1 Ω 23 | 1 m/32 1 m/20 | 9 <u>요</u> 32 9 <u>요</u> 39 | 14m39 14m56 | 12 ₹ 09 12 ₹ 19 | 2 N 32 2 N 23 | 2 m/44 2 m/33 | 10 ♀ 53 | 15 m. 46 16 m. 03 | 13 ₹ 06 13 ₹ 16 |
| 27S | 0 <i>8</i> 122 | 29256 | 8 2 22 | 14m.05 | 11 7 31 | 1 & 13 | 1 mg 09 | 9 ≗ 46 | 15 m 12 | 12 \$\frac{1}{2}\$ | 2 <i>θ</i> 123 | 2 m/ 21 | 11 ₾ 09 | 16 m 20 | 13×10 |
| 28S | 0Ω04 | 29 N 44 | 8≏28 | 14m21 | 11 🗷 41 | 1 ຄ 04 | 0 m/ 56 | 9₽53 | 15m29 | 12 ₹ 39 | 2⋒04 | 2 m 10 | 11 △ 17 | 16m37 | 13 ₹ 36 |
| 298 | 29©54 | 29 231 | 8₽35 | 14m39 | 11 ₹ 52 | 0 ຄ 5 4 | 0 mg 44 | 10요00 | 15 m.47 | 12 ₹ 49 | 1 2 5 5 | 1 m, 57 | 11 ≏ 26 | 16 m 55 | 13 ∡ 47 |
| 30S 31S | 29©44 29©34 | 29Ω17 29Ω03 | 8 요 42 8 요 49 | 14 m 57 15 m 15 | 12 ₹ 02 12 ₹ 13 | 0Ω44 0Ω34 | 0 mg 31 0 mg 17 | 10요08 10요17 | 16m.05 16m.24 | 13 × 00 13 × 11 | 1 Ω 45 1 Ω 35 | 1 m 45 1 m 32 | 11 ≘ 35 | 17 m. 14 17 m. 33 | 13 ₹ 57 14 ₹ 08 |
| 32S | 29@23 | 28 \Quad 49 | 8 ≏ 56 | 15 m. 34 | 12×13 | 0 ຄ. 24 | 0 mg 04 | 10 ♣ 25 | 16m.43 | 13 🗷 22 | 1 & 25 | 1 mg 19 | 11 △ 54 | 17 m 52 | 14 × 20 |
| 33S | 29512 | 28234 | 9 △ 04 | 15 m 54 | 12 7 36 | 0Ω13 | 29 249 | 10 ₾ 34 | 17m.04 | 13 🗷 34 | 1Ω14 | 1 m 05 | 12 ₾ 04 | 18 m. 13 | 14 7 31 |
| 348 | 29501 | 28218 | 9 <u>₽</u> 13 | 16m.14 | 12 🗷 48 | 0002 | 29 2 3 4 | 10 ₾ 44 | 17m.24 | 13 🗷 46 | 1 0 0 3 | 0 m 50 | 12 ₾ 15 | 18 m. 34 | 14 🗷 43 |
| 35S 36S | 28©50 28©38 | 28 \Omega 02 27 \Omega 45 | 9 亞 21 9 亞 31 | 16m36 16m58 | 13 ∡ 00 13 ∡ 13 | 29©51 29©39 | 29Ω18 29Ω02 | 10 <u>a</u> 54 11 <u>a</u> 05 | 17m.46 18m.08 | 13 \$\tilde{x}\$ 58 \\ 14 \tilde{x}\$ 10 | 0Ω52 0Ω40 | 0 mp 35 | 12 ≘ 27 12 ≘ 39 | 18 m. 55 19 m. 18 | 14 ₹ 55 15 ₹ 08 |
| 37S | 28526 | 27 A 28 | 9 ≏ 40 | 17m.21 | 13×15 | 29527 | 28 245 | 11 △ 16 | 18m.31 | 14 🗷 23 | 0ຄ28 | 0 mg 03 | 12 - 52 | 19 m. 42 | 15×21 |
| 38S | 28513 | 27 \Omega 10 | 9 ≙ 51 | 17m44 | 13 🗷 39 | 29514 | 28228 | 11 ≏ 29 | 18m.56 | 14 🗷 37 | 0Ω16 | 29 246 | 13 ₾ 06 | 20 m 06 | 15 🗷 34 |
| 398 | 28500 | 26251 | 10 ₾ 02 | 18m.09 | 13 🗷 53 | 29501 | 28209 | 11 △ 41 | 19m.21 | 14 🗷 51 | 0003 | 29 228 | 13 2 21 | 20 m.32 | 15×148 |
| 40S 41S | 27©47 27©33 | 26Ω31 26Ω09 | 10요14 10요27 | 18 m 35 19 m 02 | 14 ₹ 07 14 ₹ 22 | 28548 28534 | 27 \Omega 50 27 \Omega 29 | 11 ≏ 55 12 ≏ 10 | 19m47 20m15 | 15 ₹ 05 15 ₹ 20 | 29©50 29©36 | 29 N 09 28 N 50 | 13 ♀ 36 13 ♀ 53 | 20 m.58 21 m.26 | 16 ₹ 03 16 ₹ 18 |
| 42S | 27 © 33 | 25 \Omega 47 | 10 <u>2</u> 40 | 19 m. 31 | 14 🗷 37 | 28520 | 27808 | 12 2 26 | 20 m 43 | 15×20 | 29\$21 | 28 29 | 14 ⊆ 11 | 21 m 55 | 16 🗷 33 |
| 43S | 27503 | 25 \Omega 24 | 10≏55 | 20m.01 | 14 🗷 53 | 28505 | 26 245 | 12 △ 43 | 21 m. 14 | 15 \$7 51 | 29507 | 28 207 | 14 ₾ 30 | 22 m 26 | 16 🗷 49 |
| 448 | 26947 | 24 2 5 9 | 11 🕰 11 | 20m32 | 15 ₹ 10 | 27949 | 26Ω21 | 13 ₾ 01 | 21 m.46 | 16 ₹ 08 | 2851 | 27 Ω 44 | 14₾51 | 22 m 58 | 17∡06 |
| 45S 46S | 26©30 26©13 | 24 \Quad 33 24 \Quad 06 | 11 ≏ 28 11 ≏ 47 | 21 m 05 21 m 40 | 15 ₹ 27 15 ₹ 46 | 27©32 27©15 | 25 Ω 56 25 Ω 29 | 13 <u>⊕</u> 22 | 22 m 19 22 m 54 | 16 ₹ 25 16 ₹ 44 | 28©35 28©17 | 27Ω20 26Ω54 | 15 ♀ 14 15 ♀ 39 | 23 m.32 24 m.08 | 17 ₹ 23 17 ₹ 42 |
| 40S 47S | 25@55 | 23 N 36 | 12 <u>0</u> 47 | 21 mc 40 22 mc 17 | 16×105 | 26957 | 25 Ω 01 | 14 2 07 | 23 m 32 | 17×103 | 28500 | 26 <i>Ω</i> 26 | 16 <u>0</u> 6 | 24 m 46 | 18×42 |
| 48S | 25936 | 23 20 05 | 12≗31 | 22 m 57 | 16∡25 | 26538 | 24 230 | 14 ≏ 34 | 24 m 11 | 17 ₹ 23 | 279541 | 25 A 57 | 16 ≏ 36 | 25 m 26 | 18 7 21 |
| 49S | 25©16 | 22.031 | 12.256 | 23 m 38 | 16∡46 | 26918 | 23 2 5 8 | 15 ₾ 03 | 24 m. 54 | 17 🗷 44 | 27921 | 25 \Omega 25 | 17≗09 | 26 m. 08 | 18 ₹ 42 |
| 50S 51S | 24©54 24©32 | 21 \Omega 56 21 \Omega 17 | 13 <u>a</u> 24 | 24 m. 23 25 m. 10 | 17∡08 17∡32 | 25@57 25@34 | 23 \Omega 23 22 \Omega 45 | 15 △ 35 16 △ 12 | 25 m 39 26 m 27 | 18 ₹ 06 18 ₹ 30 | 27©00 26©37 | 24 \Omega 51 24 \Omega 15 | 17 ♀ 45 18 ♀ 26 | 26 m 54 27 m 42 | 19 ₹ 04 19 ₹ 28 |
| 51S 52S | 24952 249608 | 20235 | 13±36 14±31 | 25 116 10 26 116 02 | 17×32 17×57 | 25@34 25@11 | 228145 22 \Omega 05 | 16±12 16±53 | 2011627 27 m 18 | 18 \$7 55 | 26 26 31 26 | 24 87 13 23 N 35 | 18 <u>12</u> 26 19 <u>12</u> | 27 IIL42 28 IL34 | 19 \$7 53 |
| 53S | 239542 | 19⋒50 | 15 ≏ 12 | 26m57 | 18≉23 | 249545 | 21 221 | 17 ≏ 39 | 28 m 14 | 19 ₹ 22 | 25549 | 22 2 53 | 20 △ 04 | 29 m 30 | 20 ₹ 20 |
| 548 | 23©15 | 19Ω01 | 15 ₾ 58 | 27 m 56 | 18 ₹ 52 | 24918 | 20Ω33 | 18 ₾ 33 | 29 m 14 | 19∡50 | 25922 | 22 \O 06 | 21 △ 04 | 0 ₹ 30 | 20 ₹ 48 |
| 55S | 22©45 22©14 | 18Ω07 17Ω07 | 16 ♀ 53 17 ♀ 56 | 29 m.01 0 ≈ 12 | 19 ₹ 22 19 ₹ 55 | 23©49 23©17 | 19Ω40 18Ω43 | 19 ♀ 35 20 ♀ 47 | 0 ₹ 19 1 ₹ 30 | 20 ₹21 20 ₹53 | 24©53 24©21 | 21 Ω 15 20 Ω 19 | 22 <u>a</u> 14 | 1 ₹ 36 2 ₹ 47 | 21 ₹ 18 21 ₹ 51 |
| 56S 57S | 22©14 21©39 | 16202 | 1/£36 19£12 | 0 x 12 1 z 29 | 19×35 20×31 | 225617 | 188143 17£38 | 20 <u>14</u> 22 <u>1</u> 4 | 2 × 48 | 20 × 53 | 24 5 21 23 5 47 | 19Ω17 | 23 <u>a</u> 34 25 <u>a</u> 10 | 2 x 4 7 4 x 05 | 22 \$\frac{7}{22}\$ |
| 58S | 21501 | 14Ω48 | 20≗45 | 2 ₹ 55 | 21 ₹ 10 | 22 ഇ 06 | 16Ω27 | 23 ♀ 58 | 4 <i>≱</i> 14 | 22 ₹ 08 | 23510 | 18 Ω 07 | 27≗05 | 5 ₹ 32 | 23 ₹ 06 |
| 59S | 20@20 | 13 26 | 22 ₾ 39 | 4 <i>≯</i> 30 | 21 🗷 52 | 21924 | 15Ω07 | 26 ₾ 06 | 5 <i>x</i> ⁴49 | 22 🗷 50 | 22529 | 16Ω49 | 29 ₾ 26 | 7. ₹ 07 | 23 🗷 48 |
| 60S | 19534 | 11 0 53 | 25 △ 03 | 6×17 | 22 ₹ 39 23 ₹ 32 | 20539 | 13 235 | 28 <u>~</u> 48 | 7 🗷 37 | 23 × 37 24 × 30 | 215544 | 15 \O 20 | 2 m 22 | 8 x 55 | 24 ₹ 35 25 ₹ 28 |
| 61S 62S | 18ഇ42 17ഇ44 | 10 A 05 8 A 00 | 28 <u>₽</u> 12 2m27 | 8 ₹ 19 10 ₹ 39 | 23 × 32 24 × 33 | 19 5 47 18 5 49 | 11Ω51 9Ω48 | 2 m 15 6 m 51 | 9∡38 11∡59 | 24 × 30 25 × 30 | 20@53 19@55 | 13 N 38 | 6m.05 10m.56 | 10 ∡ 56 13 ∡ 16 | 25 x 28 26 x 27 |
| 63S | 16935 | 5ຄ30 | 8m25 | 13 ₹ 25 | 25 ₹ 43 | 175641 | 7ຄ21 | 13 m 09 | 14 ₹ 43 | 26 ₹ 40 | 18548 | 9Ω16 | 17m25 | 16×100 | 27 ₹ 37 |
| 64S | 15ഇ13 | 2 N 24 | 17m.10 | 16∡46 | 27 ₹ 06 | 16©19 | 4ຄ21 | 22 m 02 | 18 ₮ 03 | 28 ₮ 03 | 17927 | 6 N 20 | 26m15 | 19 ₹ 17 | 28 ₹ 59 |
| 65S | 13528 | 28522 | 0 z 23 | 21 🗷 03 | 28 🗷 53 | 14536 | 0.025 | 4×41 | 22 × 16 | 29 🗷 48 | 15545 | 2032 | 8 🗷 15 | 23 🗷 27 | 0중43 |
| 66S | 10ഇ55 8ഇ12 | 22©19 15©01 | 19 <i>末</i> 40 2 궁 45 | 27才15 3중03 | 1 3 27 4 3 06 | 12©07 9©35 | 24 17 950 | 21 <i>차</i> 57 3중12 | 28 ∡ 18 3 ₹ 36 | 2 3 19 4 3 47 | 13©20 10©58 | 26©57 20©43 | 23 ₹47 3 ₹40 | 29 <i>末</i> 16 4 궁 10 | 3 중 11 5 중 28 |
| pc | ∠1 دد≃ن | 10 سے 10 | 2043 | 2003 | 7300 | ردوستر | 1/2000 | 5012 | | 404/ | 10.50.20 | 203943 | 3040 | 7010 | 3020 |

| | Sid.Tir MC: | | 6m AR 6'05 | MC: 99 | °00' | Sid.Tir MC: | | 0m AR 1'22 | MC: 10 | 00°00' | Sid.Tir MC: | ne: 6h4 | 4m AR 606'43 | MC: 10 |)1°00' |
|------------|------------------|------------------------------|----------------------------------|-----------------------|----------------------------------|----------------------------|---------------------|--|----------------------|----------------------------------|------------------|-------------------------------|---------------------------------------|-----------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 6 Ω 36 | 7 m, 17 | 9 ≙ 47 | 11 m 25 | 10∡35 | 7ຄ35 | 8 mg 21 | 10≏52 | 12 m 26 | 11 ₹ 32 | 8ຄ34 | 9 m, 25 | 11≏57 | 13 m 27 | 12 ₹ 28 |
| 1S | 6 Ω 30 | 7 m, 11 | 9 ჲ 52 | 11m37 | 10 ₹ 43 | 7Ω28 | 8 mg 15 | 10≗57 | 12m38 | 11 ₹ 39 | 8£28 | 9 m, 19 | 12 △ 03 | 13 m 38 | 12 ₹ 35 |
| 2S | 6Ω23 | 7 m 04 | 9 2 56 | 11 m. 48 | 10 7 51 | 7 A 22 | 8 m 08 | 11 ₾ 02 | 12m.49 | 11 7 47 | 8 A 21 | 9 m 13 | 12 ₾ 08 | 13 m 50 | 12 7 43 |
| 3S 4S | 6Ω16 6Ω10 | 6 m, 57 6 m, 50 | 10요01 10요05 | 11 m 59 12 m 10 | 10∡58 11∡06 | 7Ω15 7Ω09 | 8 m, 02 7 m, 55 | 11 <u>07</u> | 13 m.00 13 m.12 | 11 x 54 12 x 02 | 8 N 15 8 N 08 | 9 mg 07 9 mg 01 | 12 ♀ 14 12 ♀ 19 | 14 m 02 14 m 13 | 12 \$\tilde{x} 51 \\ 12 \$\tilde{x} 58 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 6Ω03 5Ω56 | 6 mg 43 | 10요10 10요15 | 12 m 22 12 m 34 | 11 ∡ 14 11 ∡ 21 | 7Ω02 6Ω55 | 7 mg 49 7 mg 42 | 11 <u>□</u> 18 | 13 m. 24 13 m. 36 | 12 ₹ 10 12 ₹ 18 | 8 N 01 7 N 55 | 8 mg 54 8 mg 48 | 12 2 5 12 2 31 | 14 m 25 14 m 37 | 13 ₹ 06 13 ₹ 14 |
| 7S | 5 Ω 49 | 6 mg 29 | 10 - 13 | 12 m 45 | 11 7 29 | 6Ω49 | 7 mg 35 | 11 | 13 m 48 | 12 \$\sigma 25 | 7 Ω 48 | 8 mg 41 | 12-31 | 14 m 50 | 13 🗷 22 |
| 8S | 5 Ω 42 | 6 m 22 | 10≏25 | 12m.57 | 11 ≉ 37 | 6⋒42 | 7 m/ 28 | 11 △ 34 | 14m.00 | 12 ₹ 33 | 7ብ41 | 8 m 35 | 12 ≏ 43 | 15 m 02 | 13 ₹ 30 |
| 9S | 5⋒36 | 6 mg 15 | 10മ30 | 13 m 09 | 11 ₹ 45 | 6£35 | 7 m, 21 | 11 ≙ 40 | 14 m 12 | 12 ₹ 41 | 7ຄ35 | 8 m, 28 | 12 ≏ 49 | 15 m 14 | 13 ₹ 37 |
| 10S | 5⋒29 | 6 mg 07 | 10≏35 | 13 m 22 | 11∡53 | 6Ω28 | 7 m, 14 | 11 ≏ 46 | 14 m 24 | 12 ₹ 49 | 7ຄ28 | 8 mg 21 | 12≗56 | 15 m 27 | 13 ₹ 45 |
| 118 | 5Ω21 | 6 m 00 | 10 2 41 | 13 m 34 | 12 7 01 | 6Ω21 | 7 m 07 | 11 ₾ 52 | 14m.37 | 12 7 57 | 7Ω21 | 8 m 14 | 13 ₾ 02 | 15 m. 40 | 13 🗷 54 |
| 12S 13S | 5Ω14 5Ω07 | 5 m 52 5 m 44 | 10 <u>⊕</u> 46 10 <u>⊕</u> 52 | 13 m 47 13 m 59 | 12 ₹ 09 12 ₹ 17 | 6Ω14 6Ω07 | 7 m, 00 6 m, 52 | 11 - 58 12 - 04 | 14 m. 50 15 m. 03 | 13 ₹ 05 13 ₹ 13 | 7Ω14 7Ω07 | 8 mg 07 8 mg 00 | 13 <u>a</u> 09 | 15 m 53 16 m 06 | 14 × 02 14 × 10 |
| 14S | 5Ω00 | 5 m/ 36 | 10≗52 | 14 m 12 | 12×17 | 6200 | 6 mg 44 | 12 <u>2</u> 04 | 15 m 16 | 13 🗷 22 | 7200 | 7 m 53 | 13 ♣ 10 | 16 m 19 | 14 \$7 18 |
| 15S | 4Ω53 | 5 m 28 | 11 ≏ 04 | 14m.25 | 12×33 | 5 N 52 | 6 mg 37 | 12 - 17 | 15 m 29 | 13 🗷 30 | 6£53 | 7 m 45 | 13 ₾ 30 | 16 m. 33 | 14×26 |
| 16S | 4 <i>0</i> 133 | 5 mg 20 | 11 🖴 10 | 14 m 39 | 12×33 | 5 Ω 45 | 6 mg 29 | 12 = 17 | 15 m 43 | 13 x 30 | 6Ω45 | 7 mg 38 | 13 € 38 | 16 m 47 | 14 \$7 35 |
| 17S | 4Ω38 | 5 m, 11 | 11 ≏ 16 | 14 m 53 | 12 ₹ 50 | 5ณ38 | 6 m 21 | 12≗31 | 15 m 57 | 13 ₹ 47 | 6£38 | 7 m 30 | 13 🕰 45 | 17m.01 | 14 ₹ 44 |
| 18S | 4Ω30 | 5 m 03 | 11 ₾ 23 | 15m.06 | 12 7 59 | 5 A 30 | 6 m 12 | 12 <u>0</u> 38 | 16m.11 | 13 🗷 56 | 6£30 | 7 m 22 | 13 ₾ 53 | 17m.15 | 14 🗷 52 |
| 19S | 4£22 | 4 m, 54 | 11 ₾ 29 | 15m21 | 13 ₹ 08 | 5 ຄ 2 2 | 6 mg 04 | 12 ≏ 45 | 16m25 | 14 ₹ 04 | 6£23 | 7 m, 14 | 14요01 | 17 m 30 | 15 ₹ 01 |
| 20S | 4Ω14 | 4 m 45 | 11 2 36 | 15m35 | 13×17 | 5Ω14 | 5 m 55 | 12 - 53 | 16m.40 | 14 🗷 13 | 6Ω15 | 7 mg 06 | 14 ₾ 10 | 17m.45 | 15 🗷 10 |
| 218 | 4Ω06 | 4 m 35 | 11 ≏ 43 | 15 m 50 | 13 🗷 26 | 5007 | 5 m 46 | 13 <u>0</u> 01 | 16m.55 | 14 7 22 | 6£07 | 6 m 57 | 14 <u>0</u> 18 | 18m.00 | 15 x 19 15 x 28 |
| 22S 23S | 3 N 58 3 N 50 | 4 mg 26 4 mg 16 | 11 <u>2</u> 31 | 16m.05 16m.21 | 13 ₹ 35 13 ₹ 44 | 4Ω58 4Ω50 | 5 m/ 37 5 m/ 28 | 13 <u>0</u> 9 13 <u>1</u> 3 <u>1</u> 7 | 17m.11 17m.26 | 14 × 32 14 × 41 | 5 N 59 5 N 51 | 6 mg 49 6 mg 40 | 14 <u>0</u> 27 | 18 m 16 18 m 32 | 15×28 |
| 24S | 3 € 41 | 4 m 06 | 12 2 06 | 16m.37 | 13 × 54 | 4 \Omega 42 | 5 m, 18 | 13 ≏ 26 | 17 m. 42 | 14 🗷 50 | 5 € 43 | 6 mg 31 | 14 ≏ 46 | 18 m. 48 | 15×147 |
| 25S | 3 ⋒ 32 | 3 m ₂ 56 | 12 ≏ 14 | 16m.53 | 14 ≈ 03 | 4ຄ33 | 5 m 08 | 13 ≏ 35 | 17m.59 | 15×100 | 5ຄ34 | 6 m 21 | 14ჲ56 | 19 m 05 | 15 ~ 57 |
| 26S | 3 N 24 | 3 m/ 45 | 12 | 17m.10 | 14 🗷 13 | 4 \O 24 | 4 m/ 58 | 13 <u>2</u> 45 | 18m.16 | 15 \$7 10 | 5 Ω 25 | 6 mg 11 | 15 206 | 19 m. 22 | 16 🗷 07 |
| 27S | 3 ₪ 14 | 3 m 34 | 12 ≏ 32 | 17m27 | 14 ₹ 23 | 4Ω15 | 4 m 48 | 13 ≏ 54 | 18m.33 | 15 ₹ 20 | 5 Ω 17 | 6 mg 01 | 15 ≏ 17 | 19 m 40 | 16∡17 |
| 28S | 3 N 05 | 3 m 23 | 12 🕰 41 | 17m.44 | 14 🗷 33 | 4Ω06 | 4 m 37 | 14 ₾ 05 | 18m.51 | 15 🗷 30 | 5Ω07 | 5 m 51 | 15 ₾ 28 | 19 m 58 | 16 7 27 |
| 298 | 2⋒56 | 3 mg 11 | 12≗51 | 18m.03 | 14 ₹ 44 | 3 2 5 7 | 4 m, 26 | 14≗15 | 19 m. 10 | 15 ₹ 41 | 4£058 | 5 m, 40 | 15 ≏ 40 | 20 m 16 | 16∡38 |
| 30S | 20146 | 2 m 59 | 13 ₾ 01 | 18m.21 | 14 🗷 55 | 3 \O 47 | 4 m 14 | 14 ₾ 26 | 19m.29 | 15 \$7 52 | 4 \Q 49 | 5 m 29 | 15 ₾ 52 | 20 m 36 | 16 🗷 49 |
| 31S 32S | 2Ω36 2Ω26 | 2 m/ 47 2 m/ 34 | 13 ♀ 11 13 ♀ 22 | 18m.41 19m.01 | 15∡06 15∡17 | 3 Ω 37 3 Ω 27 | 4 m/ 02 3 m/ 50 | 14요38 14요50 | 19m48 20m09 | 16 × 03 16 × 14 | 4Ω39 4Ω29 | 5 mg 18 5 mg 06 | 16 亞 05 | 20 m 56 21 m 16 | 17 <i>束</i> 00 17 <i>束</i> 11 |
| 33S | 2 <i>θ</i> 15 | 2 m/ 21 | 13 € 34 | 19m21 | 15 🖈 29 | 3017 | 3 m ₂ 37 | 15 2 03 | 20 m 29 | 16 🗷 26 | 4Ω19 | 4 m ₂ 54 | 16≗32 | 21 m 37 | 17×11 |
| 34S | 2⋒04 | 2 m, 07 | 13 ≏ 46 | 19m43 | 15 ≉ 40 | 3 № 06 | 3 m 24 | 15 ≏ 17 | 20m.51 | 16 ₹ 38 | 4£08 | 4 m/41 | 16 ≏ 47 | 21 m 59 | 17≉35 |
| 35S | 1 N 53 | 1 m ₂ 52 | 13 ₾ 59 | 20m.05 | 15 ₹ 53 | 2 2 5 5 | 3 mg 10 | 15 ≏ 31 | 21 m 13 | 16∡50 | 3 2 5 7 | 4 m/28 | 17ჲ03 | 22 m 22 | 17×147 |
| 36S | 1 € 42 | 1 m, 37 | 14≏13 | 20m28 | 16∡05 | 2 ₪ 44 | 2 m, 55 | 15 ≏ 46 | 21 m 37 | 17 ₹ 03 | 3 ₪ 46 | 4 m/ 14 | 17≗19 | 22 m 45 | 18∡00 |
| 37S | 1 2 3 0 | 1 m/21 | 14 ₾ 27 | 20m.51 | 16 🗷 18 | 2032 | 2 m 40 | 16 ₾ 02 | 22 m 01 | 17 7 16 | 3 2 3 3 4 | 3 m 59 | 17 ₾ 37 | 23 m 10 | 18 🗷 13 |
| 38S 39S | 1Ω18 1Ω05 | 1 m, 05 0 m, 48 | 14 <u>0</u> 43 | 21 m. 16 21 m. 42 | 16∡32 16∡46 | 2 \Omega 20 2 \Omega 07 | 2 m/24 2 m/08 | 16 ♀ 19 16 ♀ 37 | 22 m 26 22 m 52 | 17 ₹ 29 17 ₹ 43 | 3 N 22 3 N 09 | 3 m/44 3 m/28 | 17 ≏ 55 18 ≏ 15 | 23 m 35 24 m 01 | 18 ₹ 26 18 ₹ 40 |
| 40S | 0Ω52 | 0 mg 30 | 15 ≙ 17 | 22 m 09 | 17∡00 | 1ω54 | 1 m ₂ 50 | 16 - 56 | 23 m 19 | 17×13 | 2ω56 | 3 mg 11 | 18 - 36 | 24 m 29 | 18 \$7 54 |
| 40S | 08232 0Ω38 | 0 mg 11 | 15 € 17 | 22 m 37 | 17x.00 17x15 | 1 Ω 40 | 1 mg 32 | 17≗17 | 23 m 48 | 17×37 18×12 | 2 Ω 43 | 2 m/ 54 | 18 <u>2</u> 58 | 24 m 58 | 19×109 |
| 42S | 0 Ω 24 | 29 251 | 15 2 55 | 23 m 07 | 17 <i>≱</i> 31 | 1 26 | 1 m 13 | 17 - 39 | 24 m 18 | 18 🗷 28 | 2 & 2 9 | 2 m/ 36 | 19 ₾ 22 | 25 m 28 | 19 ₹ 25 |
| 43S | 0.009 | 29 230 | 16≏17 | 23 m 38 | 17 <i>≯</i> 47 | 1.011 | 0 m ₂ 53 | 18മ03 | 24 m 49 | 18 ∡ 44 | 2Ω14 | 2 m/ 16 | 19ჲ48 | 25 m 59 | 19∡41 |
| 44S | 29\$53 | 292007 | 16≗40 | 24 m 10 | 18 ₹ 03 | 0 ຄ 56 | 0 mg 31 | 18 ≏ 29 | 25 m.22 | 19 ₺ 01 | 1Ω59 | 1 m, 56 | 20 ₾ 16 | 26 m 32 | 19∡58 |
| 45S | 29537 | 28 2 44 | 17.206 | 24 m 44 | 18×21 | 0Ω40 | 0 m 08 | 18 - 56 | 25 m 56 | 19 7 18 | 1 0 43 | 1 m 34 | 20 ₾ 46 | 27m07 | 20 🗷 15 |
| 46S 47S | 29©20 29©02 | 28 \Omega 19 27 \Omega 52 | 17 ♀ 33 18 ♀ 03 | 25 m 21 25 m 59 | 18 ₹ 39 18 ₹ 58 | 0 ຄ 23 0 ຄ 05 | 29 Ω 44 29 Ω 19 | 19요27 20요00 | 26 m. 33 27 m. 11 | 19 x 37 19 x 56 | 1 Ω 27 1 Ω 09 | 1 mg 11 0 mg 46 | 21 <u>a</u> 19 | 27 m.44 28 m.23 | 20 ₹34 20 ₹53 |
| 47S 48S | 29902 | 278132 27 \Omega 24 | 18±03 | 25 11L 39 26 TL 39 | 19 \$7 18 | 29947 | 298119 28£151 | 20±00 20±36 | 27 m 52 | 20×16 | 0Ω51 | 0 mg 20 | 21 2 33 22 2 34 | 28 116 23 29 16 04 | 20 × 33 |
| 49S | 28524 | 26253 | 19 ₾ 13 | 27 m 22 | 19 ₹ 40 | 29\$27 | 28 22 | 21 □ 16 | 28 m 35 | 20 ₹ 37 | 0ຄ31 | 29 251 | 23 ₾ 18 | 29 m 47 | 21 🗷 34 |
| 50S | 28503 | 26 20 | 19≏54 | 28 m 08 | 20 ₹ 02 | 29507 | 27 250 | 22 ♀ 00 | 29 m 21 | 20 ₹ 59 | 0ຄ11 | 29 ຄ21 | 24≗05 | 0∡33 | 21 ₹ 56 |
| 51S | 275641 | 25 € 45 | 20മ39 | 28 m 57 | 20∡26 | 28945 | 27Ω16 | 22 ♀ 50 | 0 ₺ 10 | 21 ₹ 23 | 29549 | 28 № 48 | 24≗59 | 1 ₹ 23 | 22 ₹ 20 |
| 52S | 27517 | 25 207 | 21 2 30 | 29 m 49 | 20 🗷 51 | 28521 | 26 240 | 23 <u>△</u> 45 | 1 🗷 03 | 21 🗷 48 | 29\$26 | 28 13 | 25 - 259 | 2 ₹ 16 | 22 🗷 45 |
| 53S | 26@52 | 24 \Q 26 | 22 <u>0</u> 27 | 0 x 45 | 21 🗷 17 | 27957 | 26 N 00 | 24 <u>a</u> 48 | 1 x 59 | 22 \$\times 15 | 29501 | 27 \Omega 35 | 27 <u>0</u> 6 | 3 × 12 | 23 🗷 12 |
| 548 | 26926 | 23 0 41 | 23 <u>a</u> 33 | 1 × 46 | 21 🗷 46 | 27930 | 25 \Omega 16 | 25 <u>a</u> 59 | 3 × 100 | 22 🗷 43 | 28535 | 26.053 | 28 <u>a</u> 23 | 4×14 | 23 🗷 40 |
| 55S 56S | 25©57 25©26 | 22 \Omega 51 21 \Omega 57 | 24 <u>₽</u> 49 26 <u>₽</u> 18 | 2 ₹ 52 4 ₹ 03 | 22 ∡ 16 22 ∡ 49 | 27©01 26©31 | 24Ω28 23Ω36 | 27 ♀ 22 28 ♀ 57 | 4∡06 5∡18 | 23 × 13 23 × 46 | 28©07 27©36 | 26Ω07 25Ω16 | 29 ♀ 50 1 m .32 | 5 ₹ 20 6 ₹ 32 | 24 × 10 24 × 43 |
| 57S | 24952 | 20256 | 28 2 02 | 5 ₹ 22 | 22×149 23×124 | 25957 | 238130 | 0m.49 | 5x·18 6∡37 | 24 × 21 | 27©30 27©03 | 23 <i>i</i> 10 24 <i>i</i> 20 | 3 m 30 | 0 x · 32 7 ₹ 50 | 24 x 43 25 x 18 |
| 58S | 24915 | 19 \$\alpha 49 | 0m.07 | 6∡48 | 24 ₹ 03 | 25@21 | 21 232 | 3 m 02 | 8 ₹ 03 | 25 ₹ 00 | 26927 | 23 N 17 | 5m.51 | 9 ₹ 17 | 25 ₹ 57 |
| 59S | 23ഇ35 | 18 ຄ 33 | 2 m. 38 | 8 ≉ 24 | 24 ≉ 45 | 245641 | 20 & 19 | 5 m.42 | 9 ₹ 39 | 25 ₹ 42 | 259647 | 22 20 06 | 8m.38 | 10 ∡ 52 | 26 ₹ 39 |
| 60S | 22\$50 | 17£07 | 5 m 45 | 10 <i>≱</i> 11 | 25 ₹ 32 | 23@56 | 18£55 | 8 m. 58 | 11 ≉ 26 | 26 ₹ 29 | 25©03 | 20 A 46 | 12 m 02 | 12 ≉ 39 | 27 ₹ 25 |
| 61S | 21559 | 15 228 | 9m.40 | 12 🗷 12 | 26 ₹ 25 | 23506 | 17Ω19 | 13 m. 02 | 13×27 | 27 🗷 21 | 24513 | 19 13 | 16m.11 | 14 🗷 39 | 28 🗷 17 |
| 62S | 21992 | 13 0 31 | 14 m. 42 | 14×131 | 27 × 24 | 22509 | 15 \O 27 | 18 m 10 | 15 × 45 | 28 🗷 20 | 23917 | 17 Ω 24 | 21 m 21 | 16 × 57 | 29 🗷 16 |
| 63S 64S | 19ഇ55 18ഇ36 | 11 \alpha 13 8 \alpha 22 | 21 m.15 29 m.54 | 17∡14 20∡29 | 28 ₹ 33 29 ₹ 55 | 21©03 19©45 | 13Ω13 10Ω28 | 24 m.43 3 ≈ 07 | 18 ∡ 26 21 ∡ 39 | 29才28 0중49 | 22©12 20©55 | 15Ω15 12Ω36 | 27 m 50 5 ≈ 58 | 19 ₹ 36 22 ₹ 46 | 0중23 1중44 |
| 65S | 16955 | 4.0.42 | 11 🗷 14 | 24×34 | 1중37 | 18906 | 6Ω56 | 13 ₹ 46 | 25 🗷 39 | 2531 | 19518 | 9Ω13 | 15 × 59 | 26 × 42 | 3823 |
| 66S | 14934 | 29522 | 25 × 20 | 0중12 | 4중01 | 15949 | 1252 | 26 ₹ 39 | 1중05 | 4중50 | 17905 | 4Ω26 | 27 ₹ 50 | 1중56 | 5중39 |
| pc | 12©21 | 23540 | 4중07 | 4중43 | 6궁10 | 13@45 | 26941 | 4중35 | 5중17 | 6공51 | 15©08 | 29543 | 5중02 | 5중51 | 7중33 |
| | | | | ecliptic of | | 2000 | | | | | | | ! | | |

| | Sid.Tir MC: | | 8m AR 502'07 | MC: 10 | 2°00' | Sid.Tir MC: | | 2m AR 557'34 | MC: 10 |)3°00' | Sid.Tir MC: | ne: 6h50 | 6m AR 553'06 | RMC: 10 |)4°00' |
|------------|----------------------------------|----------------------|----------------------------------|--------------------------------|----------------------------------|------------------|--|----------------------------------|----------------------|--------------------------------|---|--|----------------------------------|----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 9⋒33 | 10 m, 29 | 13 ≏ 02 | 14m.27 | 13 ₹ 24 | 10 ຄ32 | 11 m ₂ 34 | 14≗07 | 15 m 27 | 14 ₹ 19 | 11ω32 | 12 m/38 | 15 ≏ 12 | 16m27 | 15 ₹ 15 |
| 1S | 9Ω27 9Ω20 | 10 mg 24 10 mg 18 | 13 <u>0</u> 08 | 14m39 | 13 ₹ 31 13 ₹ 39 | 10Ω26 10Ω20 | 11 m ₂ 28 11 m ₂ 23 | 14 <u>0</u> 13 | 15m39 | 14 🗷 27 | 11Ω26 11Ω20 | 12 m 33 | 15 △ 19 | 16m40 | 15 ₹23 15 ₹31 |
| 2S 3S | 98120 $9\Omega14$ | 10 mg 18 | 13 <u>□</u> 14 | 14 m 51 15 m 03 | 13×39 | 10 Ω 14 | 11 mg 23 | 14 <u>0</u> 20 | 15 m. 51 16 m. 03 | 14 x 35 14 x 43 | 11 & 120 11 13 | 12 m/28 12 m/23 | 15 ⊕ 25 15 ⊕ 33 | 16 m. 52 17 m. 04 | 15 \$738 |
| 4S | 9207 | 10 mg 06 | 13 ₾ 26 | 15 m 15 | 13 ₹ 54 | 10207 | 11 mg 12 | 14 ₾ 33 | 16m.16 | 14 🗷 50 | 11 Ω 07 | 12 m 17 | 15 ₾ 40 | 17 m 16 | 15 ₹ 46 |
| 5S | 9Ω01 | 10 mg 00 | 13 ₾ 33 | 15 m. 27 | 14 ≈ 02 | 10 ຄ 01 | 11 mg 06 | 14 △ 40 | 16m.28 | 14 ₹ 58 | 11 Q 01 | 12 mg 12 | 15 ≏ 47 | 17 m 29 | 15 ₹ 54 |
| 6S | 8£54 | 9 m/ 54 | 13 ₾ 39 | 15m39 | 14×10 | 9⋒54 | 11 mg 00 | 14 △ 47 | 16m40 | 15 ₹ 06 | 10Ω54 | 12 mg 06 | 15 △ 54 | 17m41 | 16 ₹ 02 |
| 7S 8S | 8Ω48 8Ω41 | 9 mg 48 9 mg 41 | 13 △ 46 13 △ 52 | 15 m 51 16 m 04 | 14 ∡ 18 14 ∡ 26 | 9Ω48 9Ω41 | 10 mp 54 10 mp 48 | 14 <u>⊕</u> 54 15 <u>⊕</u> 01 | 16 m. 53 17 m. 06 | 15 ₹ 14 15 ₹ 22 | 10Ω48 10Ω41 | 12 mg 01 11 mg 55 | 16 ♀ 02 | 17 m.54 18 m.07 | 16×10 |
| 9S | 8£41 8£35 | 9 mg 35 | 13 2 52 | 16m.16 | 14×·20 | 98241 | 10 mg 42 | 15 201 | 17 m 18 | 15 x 22 15 z 30 | 10 2 2 4 1 | 11 mg 49 | 16≗10 | 18 m. 20 | 16 x 26 |
| 108 | 8 N 28 | 9 m ₂ 29 | 14ჲ06 | 16m.29 | 14 <i>₹</i> 42 | 9ຄ28 | 10 mg 36 | 15 ≏ 16 | 17m.31 | 15 ₹ 38 | 10ຄ28 | 11 m 44 | 16≏26 | 18 m. 33 | 16 <i>≱</i> 34 |
| 11S | 8£21 | 9 m 22 | 14 ₾ 13 | 16m.42 | 14 ₹ 50 | 9⋒21 | 10 mg 30 | 15 2 4 | 17m45 | 15 ₹ 46 | 10 Ω 22 | 11 m 38 | 16≏34 | 18m.47 | 16∡42 |
| 12S | 8Ω14 | 9 m, 15 | 14 ₾ 20 | 16m.56 | 14 🗷 58 | 9Ω14 | 10 m 23 | 15 ₾ 31 | 17m.58 | 15 \$7 54 | 10Ω15 | 11 m 32 | 16-242 | 19m.00 | 16 ₹ 50 |
| 13S 14S | 8Ω07 8Ω00 | 9 mg 08 9 mg 02 | 14 <u>0</u> 28 | 17m.09 17m.22 | 15 ₹ 06 15 ₹ 14 | 9 N 08 | 10 mg 17 10 mg 10 | 15 ≗ 39 15 ≗ 48 | 18 m. 12 18 m. 25 | 16×102 | 10Ω08 10Ω01 | 11 m ₂ 26 11 m ₂ 19 | 16 ♀ 51 17 ♀ 00 | 19 m. 14 19 m. 28 | 16 ₹ 58 17 ₹ 07 |
| 15S | 7£53 | 8 mg 54 | 14 <u>0</u> 43 | 17 m 36 | 15×14 | 8 N 54 | 10 mg 10 | 15 - 46 | 18 m. 39 | 16 \$7 19 | 9Ω54 | 11 m ₂ 13 | 17 2 09 | 19 m. 42 | 17 🗷 15 |
| 16S | 7 N 46 | 8 mg 47 | 14 <u>2</u> 43 | 17 m 50 | 15×23 | 8 N 46 | 9 m ₂ 57 | 16205 | 18 m 54 | 16×19 | 9 Ω 47 | 11 m) 07 | 17 <u>2</u> 09 | 19 m 57 | 17×13 |
| 17S | 7⋒38 | 8 mg 40 | 15≗00 | 18m.05 | 15 ₹ 40 | 8 A 39 | 9 m, 50 | 16 ≏ 14 | 19m.08 | 16 ₹ 36 | 9Ω40 | 11 m, 00 | 17≏28 | 20 m 11 | 17∡732 |
| 188 | 7Ω31 | 8 m 32 | 15 ≏ 08 | 18m.19 | 15 7 49 | 8 A 32 | 9 m 43 | 16 ₽ 23 | 19 m. 23 | 16 7 45 | 9,033 | 10 m 53 | 17 ≏ 38 | 20 m 26 | 17.741 |
| 198 | 7Ω23 | 8 m 25 | 15 2 17 | 18 m. 34 | 15 🗷 57 | 8 N 24 | 9 m 35 | 16 ≏ 33 | 19m.38 | 16 🗷 54 | 9,026 | 10 m 46 | 17 ≏ 48 | 20 m. 42 | 17 7 50 |
| 20S 21S | 7Ω16 7Ω08 | 8 mg 17 8 mg 09 | 15 2 6 15 2 35 | 18 m 49 19 m 05 | 16∡06 16∡16 | 8Ω17 8Ω09 | 9 m, 28 9 m, 20 | 16 ♀ 42 16 ♀ 52 | 19 m. 53 20 m. 09 | 17 ₹ 03 17 ₹ 12 | 9Ω18 9Ω10 | 10 mp 39 10 mp 32 | 17 ≏ 58 18 ≏ 09 | 20 m. 57 21 m. 13 | 17 ₹ 59 18 ₹ 08 |
| 22S | 7Ω00 | 8 mg 00 | 15 2 45 | 19 m 21 | 16 <i>₹</i> 25 | 8201 | 9 m, 12 | 17 ⊆ 03 | 20 m 25 | 17×12 | 9€03 | 10 mg 24 | 18 ₾ 20 | 21 m 29 | 18×17 |
| 23S | 6Ω52 | 7 m 52 | 15 ₾ 55 | 19m37 | 16 🗷 34 | 7£53 | 9 m, 04 | 17 ≏ 14 | 20m.41 | 17 7 31 | 8£55 | 10 m 17 | 18 ₾ 32 | 21 m.46 | 18 🗷 27 |
| 248 | 6Ω44 | 7 m/43 | 16≗06 | 19m.53 | 16∡44 | 7Ω45 | 8 m, 56 | 17≗25 | 20m.58 | 17 ₹ 40 | 8Ω47 | 10 m, 09 | 18≏44 | 22 m.03 | 18 ₹ 36 |
| 25S 26S | 6Ω35 6Ω27 | 7 m ₂ 34 | 16 ≗ 16 16 ≗ 27 | 20 m 10 20 m 28 | 16 ₹ 53 17 ₹ 03 | 7Ω37 7Ω28 | 8 mg 47 8 mg 39 | 17 ≗ 36 17 ≗ 48 | 21 m 15 21 m 33 | 17 ₹ 50 18 ₹ 00 | 8 N 39 | 10 mg 01 9 mg 53 | 18 ≏ 56 19 ≏ 09 | 22 m.20 22 m.38 | 18 ₹ 46 18 ₹ 56 |
| 20S | 6Ω18 | 7 mg 25 | 16≗27 | 20 m 46 | 17×103 | 7 N 20 | 8 mg 29 | 18 2 01 | 21 m 51 | 18×00 | 8 N 22 | 9 mg 44 | 19±09 | 22 m 56 | 19×30 |
| 28S | 6⋒09 | 7 m, 05 | 16≗51 | 21 m 04 | 17∡24 | 7 . 011 | 8 m, 20 | 18≏14 | 22 m 10 | 18 ₹ 20 | 8 Q 13 | 9 m 35 | 19≗37 | 23 m 15 | 19∡17 |
| 29S | 6 Ω 00 | 6 m, 55 | 17≗04 | 21 m 23 | 17∡134 | 7£02 | 8 mg 10 | 18≏28 | 22 m 29 | 18 ₹ 31 | 8£04 | 9 m, 26 | 19₽51 | 23 m.34 | 19∡27 |
| 30S | 5 N 50 | 6 mg 45 | 17 ≏ 17 17 ≏ 31 | 21 m. 42 22 m. 02 | 17 ₹ 45 17 ₹ 56 | 6Ω52 6Ω43 | 8 mg 00 7 mg 50 | 18 ≏ 42 18 ≏ 57 | 22 m. 48 23 m. 09 | 18 x 42 18 x 53 | 7 N 55 7 N 45 | 9 mg 16 9 mg 07 | 20 <u>a</u> 06 | 23 m.54 24 m.15 | 19 x 38 |
| 31S 32S | 5Ω41 5Ω31 | 6 mg 22 | 17 2 31 | 22 m 23 | 18×30 | 6£43 | 7 mg 39 | 19 2 12 | 23 m 30 | 19×33 | 78243 | 8 mg 56 | 20 <u>1</u> 22 | 24 m 36 | 20 \$\sigma 01 |
| 33S | 5⋒21 | 6 m 11 | 18ჲ01 | 22 m 44 | 18∡19 | 6£23 | 7 m, 28 | 19≏29 | 23 m 51 | 19∡16 | 7⋒25 | 8 m 46 | 20≗56 | 24 m 58 | 20 ₹ 12 |
| 34S | 5 Ω 10 | 5 m, 58 | 18≗17 | 23 m 07 | 18∡31 | 6 N 12 | 7 m, 16 | 19 ≏ 46 | 24 m 14 | 19∡28 | 7Ω15 | 8 mg 35 | 21 ≏ 15 | 25 m.20 | 20 ₹ 24 |
| 35S | 4 0 19 | 5 m 46 | 18 ≏ 34 18 ≏ 51 | 23 m 29 | 18 🗷 44 | 6Ω02 5Ω51 | 7 m 04 | 20 <u>a</u> 04 20 <u>a</u> 23 | 24 m 37 25 m 01 | 19 x 40 19 x 53 | 7£05 | 8 m 23 | 21 <u>a</u> 34 | 25 m 44 | 20 x 37 20 x 49 |
| 36S 37S | 4Ω48 4Ω36 | 5 m 33 5 m 19 | 19 2 10 | 23 m 53 24 m 18 | 18 ₹ 56 19 ₹ 09 | 5039 | 6 m 52 6 m 39 | 20 ♣ 23 | 25 m 26 | 20 \$7 06 | 6Ω54 6Ω42 | 8 mg 11 7 mg 59 | 22 <u>0</u> 16 | 26 m. 08 26 m. 33 | 20 x 49 21 × 03 |
| 38S | 4⋒24 | 5 m 04 | 19 ≙ 30 | 24 m 43 | 19≉23 | 5 Q 27 | 6 m 25 | 21 ≏ 05 | 25 m 51 | 20 ₹ 20 | 6 Ω 31 | 7 m 46 | 22 △ 39 | 26 m 59 | 21 ₹ 16 |
| 398 | 4Ω12 | 4 m, 49 | 19₾52 | 25 m 10 | 19∡37 | 5Ω15 | 6 mg 10 | 21 ≏ 28 | 26m18 | 20 ₹ 34 | 6£19 | 7 m, 32 | 23 ₾ 03 | 27 m.26 | 21 🗷 30 |
| 40S | 3Ω59 3Ω46 | 4 mg 33 4 mg 16 | 20 a 14 | 25 m 38 26 m 07 | 19∡51 20∡06 | 5Ω02 4Ω49 | 5 m, 55 5 m, 39 | 21 △ 52 22 △ 18 | 26 m. 46 27 m. 16 | 20 ₹ 48 21 ₹ 03 | 6 N 0 6 | 7 mg 18 7 mg 03 | 23 <u>a</u> 29 | 27 m.54 28 m.24 | 21 x 45 21 x 59 |
| 41S 42S | 3 N 32 | 3 m 59 | 20±39 21±05 | 26 m 37 | 20 x 00 20 x 22 | 48149 4Ω36 | 5 m 23 | 22 <u>2</u> 18 | 27 m 46 | 21 × 03 | 5£33 | 6 m 47 | 23 <u>a</u> 57 24 <u>a</u> 27 | 28 m 55 | 21 x·39 22 x 15 |
| 43S | 3 № 18 | 3 m 40 | 21 △ 32 | 27m09 | 20 ≉ 38 | 4£21 | 5 m 05 | 23 ≏ 16 | 28m.18 | 21 🗷 35 | 5Ω25 | 6 m 30 | 24≗58 | 29 m 27 | 22 ₹31 |
| 44S | 3 № 03 | 3 m, 21 | 22 ≏ 03 | 27 m 42 | 20 ₹ 55 | 4£06 | 4 m, 46 | 23 ₾ 48 | 28 m 52 | 21 🗷 51 | 5 N 10 | 6 mg 12 | 25 ≏ 32 | 0∡01 | 22 ∡ 48 |
| 45S | 2.047 | 3 m 00 | 22 <u>0</u> 35 | 28 m 17 | 21 🗷 12 | 3 0 3 4 | 4 m 26 | 24 <u>a</u> 23 | 29 m. 27 | 22 🗷 09 | 4.030 | 5 m 53 | 26 a 09 | 0.736 | 23 🗷 05 |
| 46S 47S | 2Ω30 2Ω13 | 2 m/38 2 m/14 | 23 <u>□</u> 10 23 <u>□</u> 49 | 28 m. 54 29 m. 33 | 21 ₹31 21 ₹50 | 3 Ω 34 3 Ω 17 | 4 m ₂ 05 3 m ₂ 43 | 25 ♀ 00 25 ♀ 42 | 0 ₹ 04 0 ₹ 44 | 22 x 27 22 x 46 | 4Ω39 4Ω22 | 5 m 33 5 m 12 | 26 ♀ 49 27 ♀ 33 | 1 ₹ 14 1 ₹ 53 | 23 × 24 23 × 43 |
| 48S | 1 № 55 | 1 m, 49 | 24≗31 | 0∡15 | 22 ₹ 10 | 2£159 | 3 m, 19 | 26 ≏ 26 | 1 ₹ 25 | 23 ₮ 07 | 4Ω04 | 4 m/49 | 28≗20 | 2 ₹ 35 | 24 ₹ 03 |
| 49S | 1ω35 | 1 m, 22 | 25 ₾ 18 | 0 ₹ 58 | 22 ₹31 | 2 € 40 | 2 m 53 | 27 ≏ 16 | 2 ₹ 09 | 23 ₹ 28 | 3 € 45 | 4 m/24 | 29 ₾ 12 | 3 ₹ 19 | 24 ₹ 24 |
| 50S | 1Ω15 | 0 m 53 | 26 <u>0</u> 9 | 1 × 45 | 22 🗷 53 | 2 \Omega 20 | 2 m 25 | 28 ₾ 10 | 2×156 | 23 🗷 50 | 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 3 m 58 | 0 m 10 | 4×106 | 24 🗷 46 |
| 51S 52S | 0Ω54 0Ω31 | 0 m 21 29 Ω 48 | 27 ♀ 06 28 ♀ 09 | 2 ₹ 35 3 ₹ 28 | 23 ₹ 17 23 ₹ 42 | 1Ω59 1Ω36 | 1 m, 55 1 m, 23 | 29 ≏ 11 0m.18 | 3 ₹ 46 4 ₹ 39 | 24 × 13 24 × 38 | 3 Ω 04 2 Ω 42 | 3 m/30 2 m/59 | 1 m 13 2 m 24 | 4 x 36 5 x 49 | 25 ₹ 10 25 ₹ 35 |
| 53S | 0Ω06 | 29 211 | 29 <u>2</u> 21 | 4 ₹ 25 | 24×108 | 1 & 12 | 0 m 48 | 1 m 34 | 5 <i>₹</i> 36 | 25 × 05 | 2018 | 2 m/ 25 | 3 m. 43 | 6×46 | 26 ₹ 01 |
| 54S | 29940 | 28230 | 0m.42 | 5 ≉ 26 | 24 ₹ 37 | 0Ω46 | 0 mg 09 | 2 m 59 | 6∡137 | 25 ₹ 33 | 1 2 5 2 | 1 m, 49 | 5 m. 13 | 7 ₹ 48 | 26 ₹ 29 |
| 55S | 29512 | 27 \Q 46 | 2 m 15 | 6×32 | 25 7 07 | 0Ω18 | 29 227 | 4m37 | 7×144 | 26 🗷 03 | 1 25 | 1 m 09 | 6m.54 | 8 🗷 54 | 26 🗷 59 |
| 56S 57S | 28 9 42 28 9 09 | 26Ω58 26Ω04 | 4m.02 6m.07 | 7 ₹ 44 9 ₹ 03 | 25 ₹ 40 26 ₹ 15 | 29©48 29©16 | 28Ω40 27Ω49 | 6 m. 28 8 m. 38 | 8 ₹ 56 10 ₹ 14 | 26 ₹ 36 27 ₹ 11 | 0 <i>Ω</i> 55 0 <i>Ω</i> 23 | 0 m/24 29 Ω35 | 8 m. 50 11 m. 03 | 10 ₹ 06 11 ₹ 25 | 27 ₹ 32 28 ₹ 07 |
| 58S | 27933 | 25Ω03 | 8m.33 | 10 🗷 29 | 26×13 | 28540 | 26251 | 11 m 09 | 11 🗷 41 | 27×11 27×49 | 29548 | 28 \Omega 40 | 13 m 38 | 12×25 | 28×45 |
| 59S | 26954 | 23 2 5 5 | 11 m. 26 | 12 ≉ 05 | 27 ₹ 35 | 28502 | 25 € 46 | 14m.07 | 13 ₺ 16 | 28 ₮ 31 | 29\$10 | 27 A 38 | 16m.40 | 14 ₹ 25 | 29 ₹ 26 |
| 60S | 26910 | 22 \Quad 37 | 14m.55 | 13 × 51 | 28 🗷 21 | 27518 | 24 231 | 17 m 39 | 15 × 02 | 29 🗷 17 | 28527 | 26 Ω 27 | 20 m. 14 | 16×11 | 0중12 |
| 61S 62S | 25©21 24©26 | 21Ω08 19Ω24 | 19m.08 24m.18 | 15∡51 18∡07 | 29 <i>末</i> 13 0중11 | 26@30 25@35 | 23 \Quad 06 21 \Quad 26 | 21 m 54 27 m 02 | 17∡100 19∡16 | 0 3 08 1 3 06 | 27©39 26©45 | 25 Ω 05 23 Ω 30 | 24 m. 29 29 m. 34 | 18 ₹ 09 20 ₹ 23 | 1 3 03 2 3 00 |
| 63S | 23922 | 193124 | 0×41 | 20 × 45 | 1중18 | 23933 | 19Ω27 | 27 116 02 3 ₹ 16 | 21 × 52 | 2312 | 25943 | 238730 | 29 IIL 34 5 ₹ 38 | 20 x 23 22 x 57 | 3 3 06 |
| 64S | 22506 | 14 247 | 8 ₹ 30 | 23 ₹ 52 | 2ਰ37 | 23517 | 17201 | 10 ₹ 47 | 24 × 56 | 3중30 | 24529 | 19 18 | 12 ₹ 50 | 25 ₹ 58 | 4중23 |
| 65S | 20ഇ31 | 11 a 33 | 17∡56 | 27 ₹ 42 | 4궁15 | 21 5 44 | 13 a 57 | 19 ∡ 41 | 28 ≉ 41 | 5중07 | 22959 | 16 ຄ 23 | 21 ∡ 15 | 29 ≉ 37 | 5ਰ57 |
| 66S | 18522 | 7.02 | 28 × 53 | 2 공 45 | 6중27 | 19539 | 9 0 42 | 29 × 51 | 3 공 32 | 7중15 | 20958 | 12 \Omega 25 | 0 궁 45 | 4 궁 18 | 8중02 |
| pc | 16532 | 2£48 | 5중30 | 6중24 | 8중14 | 17956 | 5 N 53 | 5중58 | 6 궁 58 | 8855 | 19521 | 9000 | 6825 | 7중32 | 9중37 |

| | Sid.Tir MC: | | 0m AR 548'42 | MC: 10 | 5°00' | Sid.Tir MC: | | 4m AR 344'23 | MC: 10 |)6°00' | Sid.Tir MC: | ne: 7h08 15ອ | 8m AR \$40'08 | MC: 10 |)7°00' |
|------------|-------------------------------|--------------------------------|----------------------------------|--------------------------------|---------------------------------|--------------------|----------------------|----------------------------------|--------------------------------|---------------------------------|------------------------------|----------------------|---|--------------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 12.032 | 13 m, 43 | 16≏16 | 17m27 | 16🗷 11 | 13 Q 32 | 14 mp 47 | 17 ≏ 21 | 18m.27 | 17 ₹ 06 | 14£32 | 15 m, 52 | 18≏25 | 19m27 | 18∡02 |
| 1S | 12£26 | 13 mg 38 | 16≏24 | 17m.40 | 16 × 19 | 13 № 25 | 14 m/43 | 17≗29 | 18m39 | 17 ₹ 14 | 14⋒26 | 15 mg 48 | 18≏33 | 19m39 | 18 ₮ 10 |
| 2S | 12 \O 13 | 13 m 33 | 16 △ 31 | 17m.52 | 16×26 | 13 \Omega 13 | 14 m 38 | 17 ≏ 37 | 18 m. 52 | 17 7 22 | 14 \Q 20 | 15 m 44 | 18 ≏ 42 | 19 m 52 | 18 🗷 18 |
| 3S 4S | 12Ω13 12Ω07 | 13 m/28 13 m/23 | 16 ♀ 39 16 ♀ 46 | 18m.04 18m.17 | 16 ₹ 34 16 ₹ 42 | 13 Ω 13 13 Ω 07 | 14 m ₂ 34 | 17 ♀ 45 17 ♀ 53 | 19m.05 19m.17 | 17∡30 17∡38 | 14Ω14 14Ω08 | 15 m/39 15 m/35 | 18 亞 50 18 亞 59 | 20 m 05 20 m 18 | 18 ₹ 25 18 ₹ 33 |
| 5S | 12Ω01 | 13 mg 18 | 16-16 | 18 m 30 | 16×12 | 13 201 | 14 m 24 | 18 - 01 | 19 m. 30 | 17×36 | 14Ω02 | 15 m 30 | 19 2 08 | 20 m 31 | 18×33 |
| 6S | 123701 11.055 | 13 mg 13 | 17 2 02 | 18 m 42 | 16×30 | 12255 | 14 mg 19 | 18201 | 19 m 43 | 17×140 | 13 N 56 | 15 mg 26 | 19208 | 20 m 44 | 18×41 |
| 7S | 11 Ω48 | 13 mg 08 | 17 △ 10 | 18m.55 | 17 ₹ 06 | 12 0 49 | 14 m 14 | 18 - 18 | 19m.56 | 18 🗷 01 | 13 249 | 15 m/21 | 19≏26 | 20 m 57 | 18 ₹ 57 |
| 8S | 11 <i>α</i> 42 | 13 mg 02 | 17 ≏ 18 | 19m.08 | 17∡14 | 12 Q 42 | 14 mg 09 | 18 ≏ 27 | 20m09 | 18 ₹ 09 | 13 € 43 | 15 mg 17 | 19≗35 | 21 m 10 | 19∡05 |
| 9S | 11Ω35 | 12 m, 57 | 17 ≏ 27 | 19m22 | 17 ₹ 22 | 12 A 36 | 14 m, 04 | 18≏36 | 20m23 | 18 ₹ 17 | 13 Ω 37 | 15 mg 12 | 19ჲ44 | 21 m 24 | 19 ₹ 13 |
| 10S | 11 <i>û</i> 29 | 12 m 51 | 17≗35 | 19m.35 | 17∡30 | 12 Q 30 | 13 m, 59 | 18 ≏ 45 | 20m36 | 18 ₹ 26 | 13£31 | 15 mg 07 | 19ჲ54 | 21 m 38 | 19∡21 |
| 118 | 11 \Omega 22 | 12 m 46 | 17 ≏ 44 | 19m.49 | 17×38 | 12 \O 17 | 13 m 54 | 18 △ 54 | 20 m 50 | 18 🗷 34 | 13 0 19 | 15 m 02 | 20 ₾ 04 | 21 m 51 | 19 7 30 |
| 12S 13S | 11Ω16 11Ω09 | 12 mg 40 12 mg 34 | 17 ♀ 53 18 ♀ 02 | 20 m 02 20 m 16 | 17∡46 17∡54 | 12Ω17 12Ω10 | 13 m/49 13 m/43 | 19요04 19요13 | 21 m.04 21 m.18 | 18 ₹ 42 18 ₹ 50 | 13Ω18 13Ω11 | 14 m 58 14 m 53 | 20 <u>2</u> 14 | 22 m 06 22 m 20 | 19∡38 19∡46 |
| 14S | 11 Ω 02 | 12 m/ 29 | 18 ⊆ 12 | 20 m 30 | 18 🗷 03 | 12003 | 13 m/ 38 | 19 2 3 | 21 m 32 | 18 🗷 59 | 13 205 | 14 mg 47 | 20 = 24 | 22 m 34 | 19 🛪 54 |
| 15S | 10Ω55 | 12 m 23 | 18≏21 | 20m.45 | 18∡11 | 11Ω57 | 13 m ₂ 32 | 19 ≏ 34 | 21 m.47 | 19 <i>≱</i> 107 | 12 | 14 m 42 | 20ჲ46 | 22 m 49 | 20 🗷 03 |
| 16S | 10 Ω 48 | 12 mg 17 | 18≘31 | 20 m 59 | 18 🗷 20 | 11 Ω 50 | 13 m/ 27 | 19 ₾ 44 | 22 m 02 | 19 🗷 16 | 120051 | 14 m 37 | 20 - 57 | 23 m 04 | 20 × 12 |
| 17S | 10⋒41 | 12 m 10 | 18 ≏ 42 | 21 m 14 | 18∡28 | 11 ຄ43 | 13 m 21 | 19 ≙ 55 | 22 m 17 | 19 ₹ 24 | 12 ຄ 44 | 14 m 31 | 21 ≏ 08 | 23 m 19 | 20∡20 |
| 18S | 10 Ω 34 | 12 m 04 | 18 ₾ 52 | 21 m 29 | 18 7 37 | 11.036 | 13 m 15 | 20 ₾ 06 | 22 m 32 | 19 🗷 33 | 12.037 | 14 m 26 | 21 20 | 23 m 35 | 20 7 29 |
| 19S | 10Ω27 | 11 m ₂ 57 | 19 2 03 | 21 m 45 | 18 ₹ 46 | 11 Ω 29 | 13 m, 09 | 20 ₾ 18 | 22 m.48 | 19 🗷 42 | 12030 | 14 m 20 | 21 | 23 m 50 | 20 🗷 38 |
| 20S 21S | 10Ω20 10Ω12 | 11 m 51 | 19 亞 14 19 亞 26 | 22 m 01 22 m 17 | 18 × 55 | 11Ω21 11Ω14 | 13 m 02 | 20 △ 30 20 △ 42 | 23 m.04 23 m.20 | 19 × 51 20 × 00 | 12Ω23 12Ω16 | 14 m 14 | 21 <u>□</u> 45 21 <u>□</u> 58 | 24 m 07 24 m 23 | 20 ₹ 47 20 ₹ 56 |
| 21S 22S | 103712 10Ω04 | 11 mp 44 11 mp 37 | 19 <u>₽</u> 26 | 22 m 33 | 19∡04 19∡14 | 11 Ω 14 11 Ω 06 | 12 m 56 12 m 49 | 20 <u>₽</u> 42 20 <u>₽</u> 54 | 23 m 20 23 m 37 | 20 × 00 | 12 Ω 16 | 14 m 08 14 m 02 | 21 11 58 22 11 11 | 24 IIL 23 24 IIL 40 | 20 × 36 |
| 23S | 9257 | 11 m/30 | 19♀50 | 22 m 50 | 19 🗷 23 | 10Ω59 | 12 m 43 | 21 ₾ 08 | 23 m 54 | 20 \$7 19 | 12000 | 13 m 56 | 22 <u>2</u> 25 | 24 m 57 | 21 🗷 15 |
| 24S | 9Ω49 | 11 m/22 | 20 🖴 03 | 23 m 07 | 19∡33 | 10 ຄ 51 | 12 m/36 | 21 ≏ 21 | 24 m 11 | 20 ₹ 29 | 11 | 13 m/49 | 22 ₾ 39 | 25 m 14 | 21 ₹ 25 |
| 25S | 9Ω41 | 11 mg 15 | 20 ≏ 16 | 23 m 25 | 19 ₹ 42 | 10 ຄ 43 | 12 m, 29 | 21 ≏ 35 | 24 m 29 | 20 ₹ 39 | 11 Ω 45 | 13 m/43 | 22 ≏ 54 | 25 m 32 | 21 ₹ 34 |
| 26S | 9ຄ32 | 11 m, 07 | 20 ₾ 30 | 23 m 43 | 19 ≯ 52 | 10 A 35 | 12 m/21 | 21 ≏ 50 | 24 m 47 | 20 ₹ 49 | 11 Q 37 | 13 mg 36 | 23 ₾ 09 | 25 m 51 | 21 ₹ 44 |
| 27S | 9Ω24 9Ω15 | 10 m 59 | 20 ₾ 44 | 24m.01 | 20 🗷 03 | 10Ω26 10Ω18 | 12 m 14 | 22 <u>0</u> 05 | 25 m 05 | 20 🗷 59 | 11 021 | 13 m 29 | 23 ₾ 25 | 26 m 10 | 21 ₹ 55 22 ₹ 05 |
| 28S 29S | 98215 9806 | 10 mp 50 10 mp 42 | 20 ⊆ 59 21 ⊆ 14 | 24 m 20 24 m 40 | 20 ₹ 13 20 ₹ 24 | 102018 | 12 mg 06 11 mg 58 | 22 <u>a</u> 20 | 25 m.25 25 m.44 | 21 × 09 21 × 20 | 11 \alpha 21 \\ 11 \alpha 12 | 13 m/21 13 m/14 | 23 <u>a</u> 42 | 26 m 29 26 m 49 | 22 \$7 16 |
| 30S | 8 N 57 | 10 mg 33 | 21 □ 30 | 25 m 00 | 20 🗷 34 | 10200 | 11 m 49 | 22 <u>-</u> 57 | 26 m 05 | 21 🗷 31 | 11Ω03 | 13 m 06 | 24 <u>0</u> 17 | 27 m 09 | 22 🗷 27 |
| 31S | 8Ω48 | 10 mg 23 | 21 2 47 | 25 m 20 | 20 x 34 20 x 46 | 9251 | 11 mp 41 | 23 □ 12 | 26m26 | 21 🗷 42 | 10Ω54 | 12 m 58 | 24 <u>2</u> 17 | 27 m 30 | 22×27 22×38 |
| 32S | 8 N 38 | 10 mg 14 | 22 🖴 05 | 25 m 42 | 20 ₹ 57 | 9Ω41 | 11 m 32 | 23 ₾ 31 | 26m47 | 21 ₹ 53 | 10Ω45 | 12 m/49 | 24≗56 | 27 m 52 | 22 ₹ 49 |
| 33S | 8 N 28 | 10 mg 04 | 22 | 26m04 | 21 🗷 09 | 9Ω31 | 11 m 22 | 23 ♀ 50 | 27m09 | 22 🗷 05 | 10Ω35 | 12 m/41 | 25 ₾ 16 | 28 m 14 | 23 🗷 01 |
| 34S | 8 N 18 | 9 m, 53 | 22 ≏ 43 | 26 m 26 | 21 🗷 21 | 9ຄ21 | 11 m, 12 | 24 ₾ 11 | 27m32 | 22 ₹ 17 | 10ຄ25 | 12 mg 32 | 25 ≏ 38 | 28 m 37 | 23 ∡ 13 |
| 35S | 8 A 08 | 9 m 43 | 23 ₾ 04 | 26m.50 | 21 🗷 33 | 9211 | 11 m 02 | 24 ₾ 33 | 27m.56 | 22 ₹ 29 | 10 \Omega 15 | 12 m 22 | 26 ₾ 01 | 29 m 01 | 23 7 25 |
| 36S 37S | 7£57 7£46 | 9 mg 31 9 mg 20 | 23 <u>a</u> 25 23 <u>a</u> 48 | 27 m 14 27 m 40 | 21 ₹ 46 21 ₹ 59 | 9Ω00 8Ω49 | 10 m 52 10 m 41 | 24 ♀ 55 25 ♀ 20 | 28 m. 20 28 m. 46 | 22 × 42 22 × 55 | 10Ω04 9Ω53 | 12 mg 12 12 mg 02 | 26 ♀ 25 26 ♀ 50 | 29 m 26 29 m 52 | 23 ₹ 38 23 ₹ 51 |
| 38S | 7 Ω3 4 | | 24 ♀ 13 | | 22 × 12 | | | 25 2 45 | | | | 11 m ₂ 51 | | | 24×05 |
| 39S | 7£22 | 8 m 54 | 24≗38 | 28 m 33 | 22 ₹ 26 | 8 a 26 | 10 m 17 | 26 ≏ 12 | 29 m.40 | 23 ₹ 23 | 9ຄ30 | 11 m/40 | 27 ≏ 46 | 0 ≉ 46 | 24 ₹ 19 |
| 40S | 7 Ω 10 | 8 mg 41 | 25≗06 | 29 m 02 | 22 ₹41 | 8 a 14 | 10 mg 04 | 26 ≙ 41 | 0∡09 | 23 ₹ 37 | 9Ω18 | 11 m, 28 | 28 ≏ 16 | 1 <i>₹</i> 15 | 24 ₹ 33 |
| 41S | 6 2 57 | 8 m/ 26 | 25 ≏ 35 | 29 m 31 | 22 ₹ 56 | 8 Q 01 | 9 m, 51 | 27 ≏ 12 | 0 ₹ 38 | 23 ₹ 52 | 9Ω06 | 11 mg 15 | 28≏48 | 1 ∡ 45 | 24 ₹ 48 |
| 42S | 6Ω43 | 8 mg 11 | 26 ₾ 06 | 0 × 02 | 23 🗷 11 | 7 N 48 | 9 m 37 | 27 <u>△</u> 45 | 1 7 10 | 24 🗷 07 | 8253 | 11 m 02 | 29 ₾ 22 | 2×16 | 25 ₹ 03 |
| 43S 44S | 6Ω29 6Ω15 | 7 m, 56 7 m, 39 | 26 ♀ 40 27 ♀ 16 | 0 ₹ 35 1 ₹ 09 | 23 ₹ 27 23 ₹ 44 | 7Ω34 7Ω20 | 9 mg 22 9 mg 06 | 28 <u>a</u> 20 28 <u>a</u> 58 | 1 ₹ 42 2 ₹ 17 | 24 x 24 24 x 40 | 8 N 39 8 N 25 | 10 m/48 10 m/33 | 29 <u>2</u> 59 0m39 | 2 ₹ 49 3 ₹ 24 | 25 ₹ 20 25 ₹ 36 |
| 45S | 6Ω00 | 7 m ₂ 21 | 27 - 10 | 1 × 45 | 24×102 | 7 N 05 | 8 m 49 | 29 ♀ 39 | 2×17 | 24 🗷 58 | 8 N 10 | 10 m 18 | 1 m. 21 | 4×100 | 25 🖈 54 |
| 45S 46S | 5Ω44 | 7 mg 02 | 28 <u>2</u> 37 | 2 × 22 | 24×102 24×120 | 6Ω49 | 8 mg 31 | 0 m 23 | 3 × 32 | 25×16 | 7Ω54 | 10 mg 18 | 2m.07 | 4×100 | 26×12 |
| 47S | 5 Ω 27 | 6 m 42 | 29 ₾ 22 | 3 ≈ 02 | 24 ₹ 39 | 6£32 | 8 mg 12 | 1 m. 11 | 4 <i>≯</i> 10 | 25 ₹ 35 | 7ຄ38 | 9 m 43 | 2 m 57 | 5 <i>≱</i> 17 | 26≉31 |
| 48S | 5Ω09 | 6 m 20 | 0 m 12 | 3 ₹ 44 | 24 × 59 | 6Ω15 | 7 m 52 | 2 m 03 | 4 × 52 | 25 \$ 55 | 7£21 | 9 m 24 | 3 m. 52 | 5 × 59 | 26 🗷 51 |
| 49S | 4Ω51 | 5 m, 57 | 1 m. 07 | 4 <i>₹</i> 128 | 25 ₹ 20 | 5 N 5 6 | 7 m, 30 | 3 m.00 | 5 <i>x</i> ³36 | 26 🗷 16 | 7.003 | 9 m, 04 | 4m.51 | 6 <i>x</i> ⁴44 | 27 🗷 12 |
| 50S | 4Ω31 | 5 m 32 | 2m.07 | 5 × 15 | 25 × 42 | 5Ω37 | 7 m 06 | 4 m 02 | 6×124 | 26×38 | 6Ω43 | 8 m 42 | 5 m 56 | 7×31 | 27 🗷 34 |
| 51S 52S | 4Ω10 3Ω48 | 5 m, 05 4 m, 36 | 3 m 14 4 m 27 | 6 ₹ 05 6 ₹ 59 | 26 ₹ 06 26 ₹ 31 | 5Ω16 4Ω54 | 6 mp 41 6 mp 14 | 5 m 12 6 m 28 | 7∡14 8∡07 | 27 ₹ 02 27 ₹ 26 | 6Ω23 6Ω01 | 8 m, 18 7 m, 52 | 7m.07 8m.26 | 8 ₹ 22 9 ₹ 15 | 27 ₹ 57 28 ₹ 22 |
| 53S | 3 N 24 | 4 m 04 | 5 m 50 | 7×156 | 26×57 | 4£31 | 5 m/ 44 | 7 m 54 | 9×105 | 27 × 53 | 5£38 | 7 m/ 32 | 9m.54 | 10 🗷 12 | 28×48 |
| 54S | 2259 | 3 m/ 29 | 7 m 23 | 8 ₹ 58 | 27 ≉ 25 | 4£06 | 5 m) 11 | 9 TL 29 | 10∡06 | 28 ₹ 21 | 5Ω14 | 6 m 53 | 11 m 32 | 11 才14 | 29 ₹ 16 |
| 55S | 2 N 32 | 2 m 51 | 9m07 | 10 ₮ 04 | 27 <i>≯</i> 55 | 3 A 39 | 4 m 35 | 11 m 17 | 11 ∡ 12 | 28 ₹ 51 | 4 <i>Ω</i> 47 | 6 m/20 | 13 m.23 | 12 ₮ 20 | 29 ₹ 46 |
| 56S | 2003 | 2 m 09 | 11 m 07 | 11 🗷 16 | 28×27 | 3 & 10 | 3 m 55 | 13 m 19 | 12 🗷 24 | 29 🗷 23 | 4Ω19 | 5 m 42 | 15 m. 27 | 13 🗷 32 | 0중18 |
| 57S | 1 2 3 1 | 1 m/22 | 13 m 23 | 12×34 | 29×102 | 2 0 0 5 | 3 m 11 | 15 M 39 | 13 × 42 | 29 ₹ 57 | 3 0 14 | 5 m 01 | 17m49 | 14 × 150 | 0중52 |
| 58S 59S | 0Ω56 0Ω18 | 0 m ₂ 30 29 Ω 31 | 16m.02 19m.05 | 14 ∡ 00 15 ∡ 34 | 29才40 0궁21 | 2Ω05 1Ω27 | 2 m/22 1 m/26 | 18 m 19 21 m 24 | 15 द्र¹08 16 द⁄41 | 0중35 1중16 | 3 Ω 14 2 Ω 37 | 4 m/15 3 m/22 | 20 m. 31 23 m. 37 | 16∡14 17∡48 | 1중30 2중10 |
| 60S | 29536 | 28 \Omega 24 | 22 m. 41 | 17 × 19 | 1중07 | 0Ω46 | 0 mg 22 | 25 m.00 | 18 🗷 25 | 2301 | 1ω56 | 2 m/ 22 | 27 m 11 | 19 🗷 31 | 2 3 55 |
| 61S | 28930 | 27 Ω 06 | 26 m 55 | 17×19 | 1807 | 0200 | 29209 | 29 m 11 | 20 × 21 | 2 3 01 2 3 51 | 1211 | 1 mg 14 | 1 🗷 20 | 21 🗷 26 | 3 공 45 |
| 62S | 27\$56 | 25 A 36 | 1 ₹ 54 | 21 ≉ 28 | 2ਰ54 | 29©07 | 27 Ω 43 | 4 ≉ 06 | 22 ₹ 32 | 3ਰ47 | 0Ω19 | 29 û 53 | 6∤708 | 23 ₹ 35 | 4ਰ41 |
| 63S | 26555 | 23 \Q 48 | 7×148 | 24×100 | 3중59 | 28507 | 26202 | 9 🗷 49 | 25 × 02 | 4852 | 29520 | 28 18 | 11 🗷 41 | 26×03 | 5844 |
| 64S | 25©42 | 21 237 | 14 ₹ 43 | 26 ₹ 58 | 5ਰ15 | 26956 | 23 258 | 16 ₹ 27 | 27 ₹ 57 | 6중07 | 28511 | 26 \Omega 22 | 18 ₹ 03 | 28 ₹ 54 | 6중58 |
| 65S | 24914 | 18.0.52 | 22 × 41 | 0중32 | 6정48 | 25@30 | 21 \O 24 | 24 × 00 | 1 궁 26 | 7중37 | 26946 | 23 258 | 25 🗷 14 | 2중17 | 8327 |
| 66S pc | 22©17 20©45 | 15Ω10 12Ω07 | 1 궁 35 6 궁 53 | 5 ଟ 03 8 ଟ 06 | 8 3 48 10 3 19 | 23@37 22@10 | 17Ω58 15Ω14 | 2 さ 23 7 さ 20 | 5 3 46 8 3 40 | 9 3 34 11 3 00 | 24©57 23©35 | 20Ω48 18Ω21 | 3 ට 08 7 ට 48 | 6 궁 29 9 궁 13 | 10중20 11중42 |
| PŲ ∥ | <i></i> ∪- <i></i> ∪- <i></i> | 12060/ | 0000 | 0000 | 10019 | 22 20 10 | 100614 | , 020 | 0 0 40 | 11.000 | | 100621 | , 040 | 7013 | 11042 |

| | Sid.Tir MC: | | 2m AR 35'59 | MC: 10 | 8°00' | Sid.Tir MC: | | 6m AR 31'55 | MC: 10 |)9°00' | Sid.Tir MC: | ne: 7h20 | 0m AR 327'58 | MC: 11 | 0°00' |
|--------------------------|--|--|--|--|---|---|--|---|--|---|---|--|--|--|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S 1S 2S | 15 Ω 32 15 Ω 26 15 Ω 20 | 16 m 57 16 m 53 16 m 49 | 19 \(\oldsymbol{19} \) 30 19 \(\oldsymbol{238} \) 19 \(\oldsymbol{247} \) | 20 m. 26 20 m. 39 20 m. 52 | 18 ₹ 57 19 ₹ 05 19 ₹ 13 | 16Ω32 16Ω26 16Ω21 | 18 m 02 17 m 58 17 m 55 | 20 \overline{2}34 20 \overline{4}3 20 \overline{5}2 | 21 m.25 21 m.38 21 m.51 | 19 \$\times 53 20 \$\times 01 20 \$\times 09 | 17 Ω 33 17 Ω 27 17 Ω 21 | 19 m 07 19 m 04 19 m 00 | 21 \(\Omega 38 \) 21 \(\Omega 47 \) 21 \(\Omega 57 \) | 22 m.24 22 m.37 22 m.50 | 20 × 48 20 × 56 21 × 04 |
| 3S 4S 5S | 15 Ω 14 15 Ω 08 15 Ω 02 | 16 m 45 16 m 41 16 m 37 | 19 \overline{56} 20 \overline{0.5} 20 \overline{0.5} | 21 m. 04 21 m. 18 21 m. 31 | 19 ₹21 19 ₹29 19 ₹37 | 16Ω15 16Ω09 16Ω03 | 17 m 51 17 m 47 17 m 43 | 21 <u>0</u> 22 21 <u>0</u> 21 | 22 m.04 22 m.17 22 m.31 | 20 x 16 20 x 24 20 x 32 | 17Ω16 17Ω10 17Ω04 | 18 m 57 18 m 53 18 m 50 | 22 \overline{0}7 22 \overline{0}17 22 \overline{0}27 | 23 m.04 23 m.17 23 m.30 | 21 x 12 21 x 20 21 x 28 |
| 6S 7S 8S 9S | 14 \alpha 56 14 \alpha 50 14 \alpha 44 14 \alpha 38 | 16 m 33 16 m 28 16 m 24 16 m 20 | 20 \overline{20} \overline{24} 20 \overline{23} 20 \overline{24} 20 \overline{25} | 21 m.44 21 m.57 22 m.11 22 m.25 | 19 ₹ 45 19 ₹ 53 20 ₹ 01 20 ₹ 09 | 15 Ω 57 15 Ω 51 15 Ω 45 15 Ω 39 | 17 m 40 17 m 36 17 m 32 17 m 28 | 21 <u>a</u> 31 21 <u>a</u> 41 21 <u>a</u> 51 22 <u>a</u> 01 | 22 m.44 22 m.58 23 m.11 23 m.25 | 20 ₹ 40 20 ₹ 48 20 ₹ 56 21 ₹ 04 | 16Ω58 16Ω53 16Ω47 16Ω41 | 18 m 47 18 m 43 18 m 39 18 m 36 | 22 \overline{9}37 22 \overline{4}8 22 \overline{9}59 23 \overline{9}10 | 23 m.44 23 m.58 24 m.12 24 m.26 | 21 x 36 21 x 44 21 x 52 22 x 00 |
| 10S 11S 12S 13S | 14Ω32 14Ω26 14Ω19 14Ω13 | 16 m 15 16 m 11 16 m 06 16 m 02 | 21 \(\Omega\) 03 21 \(\Omega\) 14 21 \(\Omega\) 24 21 \(\Omega\) 35 | 22 m. 39 22 m. 53 23 m. 07 23 m. 21 | 20 ₹ 17 20 ₹ 25 20 ₹ 33 20 ₹ 42 | 15 Ω 33 15 Ω 27 15 Ω 21 15 Ω 14 | 17 m 24 17 m 20 17 m 15 17 m 11 | 22 \omega 12 22 \omega 23 22 \omega 34 22 \omega 46 | 23 m.39 23 m.53 24 m.08 24 m.22 | 21 ₹ 13 21 ₹ 21 21 ₹ 29 21 ₹ 37 | 16Ω35 16Ω29 16Ω23 16Ω16 | 18 m 32 18 m 28 18 m 24 18 m 21 | 23 \overline{23} \overline{23} \overline{23} \overline{23} \overline{24} \overline{23} \overline{25} \overline{66} | 24 m. 40 24 m. 54 25 m. 09 25 m. 23 | 22 ₹ 08 22 ₹ 16 22 ₹ 25 22 ₹ 33 |
| 14S 15S 16S | 14 \alpha 06 14 \alpha 00 13 \alpha 53 | 15 m 57 15 m 52 15 m 47 | 21 \overline{9}46 21 \overline{9}58 22 \overline{9}09 | 23 m.36 23 m.51 24 m.06 | 20 ₹ 50 20 ₹ 59 21 ₹ 07 | 15 Ω 08 15 Ω 02 14 Ω 55 | 17 m 07 17 m 02 16 m 58 | 22 \overline{57} 23 \overline{009} 23 \overline{22} | 24 m. 37 24 m. 52 25 m. 08 | 21 ₹ 46 21 ₹ 54 22 ₹ 03 | 16Ω10 16Ω04 15Ω57 | 18 m 17 18 m 13 18 m 08 | 24 \overline 08 24 \overline 21 24 \overline 34 | 25 m.38 25 m.54 26 m.09 | 22 ₹ 41 22 ₹ 50 22 ₹ 58 |
| 17S 18S 19S 20S | 13 \(\Omega 46 \) 13 \(\Omega 39 \) 13 \(\Omega 33 \) 13 \(\Omega 25 \) | 15 m 42 15 m 37 15 m 32 15 m 26 | 22 \overline{22} 22 \overline{23} 24 22 \overline{47} 23 \overline{40} 00 | 24 m. 21 24 m. 37 24 m. 53 25 m. 09 | 21 ₹ 16 21 ₹ 25 21 ₹ 34 21 ₹ 43 | 14 \(\Omega 48 \) 14 \(\Omega 42 \) 14 \(\Omega 35 \) 14 \(\Omega 28 \) | 16 m 53 16 m 48 16 m 44 16 m 39 | 23 \(\Omega 34 \) 23 \(\Omega 47 \) 24 \(\Omega 01 \) 24 \(\Omega 15 \) | 25 m.23 25 m.39 25 m.55 26 m.11 | $ \begin{array}{c} 22 \times 12 \\ 22 \times 20 \\ 22 \times 29 \\ 22 \times 38 \end{array} $ | 15 \alpha 51 15 \alpha 44 15 \alpha 37 15 \alpha 31 | 18 m 04 18 m 00 17 m 55 17 m 51 | 24 \(\Omega 47 \) 25 \(\Omega 01 \) 25 \(\Omega 15 \) 25 \(\Omega 29 \) | 26 m. 25 26 m. 41 26 m. 57 27 m. 13 | 23 ₹ 07 23 ₹ 16 23 ₹ 25 23 ₹ 34 |
| 21S 22S 23S 24S | 13 \(\Omega 13 \) 13 \(\Omega 13 \) 13 \(\Omega 13 \) 13 \(\Omega 03 \) 12 \(\Omega 56 \) | 15 m 21 15 m 15 15 m 09 15 m 03 | 23 <u>a</u> 13 23 <u>a</u> 27 23 <u>a</u> 42 23 <u>a</u> 57 | 25 m. 26 25 m. 43 26 m. 00 26 m. 18 | 21 x 52 21 x 52 22 x 01 22 x 11 22 x 20 | 14\(\Omega21\) 14\(\Omega14\) 14\(\Omega06\) 13\(\Omega59\) | 16 m 33 16 m 28 16 m 23 16 m 17 | 24 \overline 29 24 \overline 43 24 \overline 59 25 \overline 14 | 26 m. 28 26 m. 45 27 m. 03 27 m. 21 | 22 x 48 22 x 57 23 x 07 23 x 16 | 15Ω24 15Ω16 15Ω09 15Ω02 | 17 m 46 17 m 41 17 m 37 17 m 32 | 25 \(\overline{9}\) 25 \(\overline{9}\) 44 25 \(\overline{9}\) 59 26 \(\overline{9}\) 15 26 \(\overline{9}\) 31 | 27 m.30 27 m.48 28 m.05 28 m.23 | 23 × 34 23 × 43 23 × 53 24 × 02 24 × 12 |
| 25S 26S 27S 28S | 12 \alpha 48 12 \alpha 40 12 \alpha 32 12 \alpha 24 | 14 m 57 14 m 51 14 m 44 14 m 37 | 24 \omega 12 24 \omega 29 24 \omega 45 25 \omega 03 | 26 m. 36 26 m. 54 27 m. 13 27 m. 33 | 22 ₹ 30 22 ₹ 40 22 ₹ 50 23 ₹ 01 | 13 \alpha 51 13 \alpha 43 13 \alpha 35 13 \alpha 27 | 16 m 12 16 m 06 16 m 00 15 m 53 | 25 \(\Omega 31 \) 25 \(\Omega 47 \) 26 \(\Omega 05 \) 26 \(\Omega 23 \) | 27 m.39 27 m.57 28 m.17 28 m.36 | 23 × 26 23 × 36 23 × 46 23 × 57 | 14Ω54 14Ω47 14Ω39 14Ω31 | 17 m 26 17 m 21 17 m 15 17 m 10 | 26 \(\Omega 48 \) 27 \(\Omega 06 \) 27 \(\Omega 24 \) 27 \(\Omega 43 \) | 28 m. 42 29 m. 00 29 m. 20 29 m. 39 | 24 × 22 24 × 32 24 × 42 24 × 52 |
| 29S 30S 31S 32S | 12Ω15 12Ω06 11Ω57 11Ω48 | 14 m 30 14 m 23 14 m 16 14 m 08 | 25 \(\omega \) 40 26 \(\omega \) 00 26 \(\omega \) 20 | 27 m. 53 28 m. 13 28 m. 35 28 m. 57 | 23 ₹ 12 23 ₹ 22 23 ₹ 34 23 ₹ 45 | 13 \(\Omega 19 \) 13 \(\Omega 10 \) 13 \(\Omega 01 \) 12 \(\Omega 52 \) | 15 m 47 15 m 40 15 m 33 15 m 26 | 26 \(\Omega 42 \) 27 \(\Omega 02 \) 27 \(\Omega 23 \) 27 \(\Omega 44 \) | 28 m. 57 29 m. 17 29 m. 39 0 ≈ 01 | 24 × 07 24 × 18 24 × 29 24 × 41 | 14Ω22 14Ω14 14Ω05 13Ω56 | 17 m 04 16 m 58 16 m 51 16 m 45 | 28 \(\omega \) 03 28 \(\omega \) 24 28 \(\omega \) 45 29 \(\omega \) 08 | 0 ₹ 00 0 ₹ 21 0 ₹ 42 1 ₹ 04 | 25 ₹ 03 25 ₹ 14 25 ₹ 25 25 ₹ 36 |
| 33S 34S 35S 36S | 11 \alpha 39 11 \alpha 29 11 \alpha 19 11 \alpha 08 | 14 m 00 13 m 51 13 m 42 13 m 33 | 26 \(\omega 42 \) 27 \(\omega 05 \) 27 \(\omega 28 \) 27 \(\omega 54 \) | 29 m. 19 29 m. 42 0 × 06 0 × 31 | 23 ₹ 57 24 ₹ 09 24 ₹ 21 24 ₹ 34 | 12 \(\Omega 43 \) 12 \(\Omega 23 \) 12 \(\Omega 13 \) | 15 m 19 15 m 11 15 m 03 14 m 54 | 28 \(\oldsymbol{1} 07 \) 28 \(\oldsymbol{1} 31 \) 28 \(\oldsymbol{1} 55 \) 29 \(\oldsymbol{2} 22 \) | 0 ₹ 23 0 ₹ 47 1 ₹ 11 1 ₹ 36 | 24 ₹ 52 25 ₹ 04 25 ₹ 17 25 ₹ 29 | 13 Ω 47 13 Ω 38 13 Ω 28 13 Ω 18 | 16 m 38 16 m 31 16 m 24 16 m 16 | 29 \overline{29} \overline{56} 0 \overline{22} 0 \overline{49} | 1 ₹27 1 ₹51 2 ₹15 2 ₹40 | 25 🗷 48 26 🗷 00 26 🗷 12 26 🗷 25 |
| 37S 38S 39S | 10Ω58 10Ω47 10Ω35 | 13 m 24 13 m 14 13 m 03 | 28 \overline 20 28 \overline 48 29 \overline 18 | 0 ₹ 57 1 ₹ 24 1 ₹ 52 | 24 ₹ 47 25 ₹ 00 25 ₹ 14 | 12 Ω 02 11 Ω 51 11 Ω 40 | 14 m 46 14 m 36 14 m 27 | 29 a 49 0 m 19 0 m 50 | 2 ₹ 02 2 ₹ 29 2 ₹ 57 | 25 ₹ 43 25 ₹ 56 26 ₹ 10 | 13 \(\O 07 \) 12 \(\O 56 \) 12 \(\O 45 \) | 16 m 08 15 m 59 15 m 50 | 1 m 18 1 m 48 2 m 20 | 3 ₹ 07 3 ₹ 34 4 ₹ 02 | 26 ₹38 26 ₹52 27 ₹06 |
| 40S 41S 42S 43S | 10 \alpha 23 10 \alpha 11 9 \alpha 58 9 \alpha 44 | 12 m 52 12 m 40 12 m 28 12 m 15 | 29 \omega 50 0 m.23 0 m.59 1 m.38 | 2×21 2×51 3×23 3×55 | 25 ₹ 29 25 ₹ 44 25 ₹ 59 26 ₹ 15 | 11 Ω28 11 Ω16 11 Ω03 10 Ω50 | 14 m 16 14 m 06 13 m 54 13 m 42 | 1 m.22 1 m.57 2 m.35 3 m.15 | 3 ₹ 26 3 ₹ 56 4 ₹ 28 5 ₹ 01 | 26 ₹ 24 26 ₹ 39 26 ₹ 55 27 ₹ 11 | 12 \alpha 34 12 \alpha 22 12 \alpha 09 11 \alpha 56 | 15 m 41 15 m 31 15 m 21 15 m 10 | 2m.54 3m.31 4m.09 4m.50 | 4 ₹ 31 5 ₹ 01 5 ₹ 33 6 ₹ 06 | 27 ₹ 20 27 ₹ 35 27 ₹ 50 28 ₹ 06 |
| 44S 45S 46S 47S | 9 \alpha 30 9 \alpha 16 9 \alpha 00 8 \alpha 44 | 12 m 01 11 m 47 11 m 31 11 m 15 | 2m.19 3m.03 3m.51 4m.42 | 4 ₹ 30 5 ₹ 06 5 ₹ 44 6 ₹ 24 | 26 ₹ 32 26 ₹ 49 27 ₹ 08 27 ₹ 27 | 10 Ω 36 10 Ω 22 10 Ω 07 9 Ω 51 | 13 m 30 13 m 16 13 m 02 12 m 47 | 3 m. 57 4 m. 43 5 m. 33 6 m. 26 | 5 \(\delta \) 36 6 \(\delta \) 12 6 \(\delta \) 50 7 \(\delta \) 30 | 27 ₹ 28 27 ₹ 45 28 ₹ 03 28 ₹ 22 | 11 \(\Omega 42 \) 11 \(\Omega 13 \) 11 \(\Omega 13 \) 10 \(\Omega 58 \) | 14 m 58 14 m 46 14 m 33 14 m 19 | 5 m. 35 6 m. 22 7 m. 13 8 m. 08 | 6 ₹ 41 7 ₹ 17 7 ₹ 56 8 ₹ 36 | 28 × 23 28 × 40 28 × 58 29 × 17 |
| 48S 49S 50S | 8 \alpha 27 8 \alpha 09 7 \alpha 50 | 10 m 57 10 m 38 10 m 17 | 5m39 6m40 7m47 | 7 ₹ 06 7 ₹ 51 8 ₹ 38 | 27 ₹ 47 28 ₹ 07 28 ₹ 30 | 9 \alpha 34 9 \alpha 16 8 \alpha 58 | 12 m 30 12 m 13 11 m 54 | 7 m.24 8 m.27 9 m.36 | 8 ₹ 13 8 ₹ 57 9 ₹ 45 | 28 ₹ 42 29 ₹ 03 29 ₹ 25 | 10 Ω 41 10 Ω 24 10 Ω 05 | 14 m 04 13 m 48 13 m 31 | 9m.07 10m.12 11m.23 | 9 ∡ 18 10 ∡ 03 10 ∡ 50 | 29 ₹37 29 ₹58 0 ₹20 |
| 51S 52S 53S 54S | 7£30 7£09 6£46 6£22 | 9 m 55 9 m 31 9 m 05 8 m 37 | 9m.01 10m.22 11m.52 13m.32 | 9 ₹ 29 10 ₹ 22 11 ₹ 19 12 ₹ 21 | 28 × 53 29 × 17 29 × 43 0 る11 | 8 \alpha 38 8 \alpha 17 7 \alpha 54 7 \alpha 30 | 11 m 33 11 m 11 10 m 47 10 m 21 | 10 m.52 12 m.15 13 m.47 15 m.29 | 10 ₹35 11 ₹28 12 ₹26 13 ₹27 | 29 x 48 0 G 12 0 G 38 1 G 06 | 9 \(\partial 46 \) 9 \(\partial 25 \) 9 \(\partial 03 \) 8 \(\partial 39 \) | 13 m 12 12 m 52 12 m 30 12 m 05 | 12 m. 40 14 m. 05 15 m. 39 17 m. 23 | 11 ₹40 12 ₹34 13 ₹31 14 ₹32 | 0중43 1중07 1중33 2중01 |
| 55S 56S 57S 58S | 5 \alpha 56 5 \alpha 28 4 \alpha 57 4 \alpha 24 | 8 m 05 7 m 30 6 m 52 6 m 09 | 15 m. 25 17 m. 31 19 m. 55 22 m. 37 | 13 ₹ 27 14 ₹ 38 15 ₹ 56 17 ₹ 20 | 0중41 1중13 1중47 2중24 | 7 \(\O 05 \) 6 \(\O 37 \) 6 \(\O 07 \) 5 \(\O 34 \) | 9 m 52 9 m 19 8 m 44 8 m 04 | 17 m.23 19 m.31 21 m.56 24 m.39 | 14 ₹ 33 15 ₹ 44 17 ₹ 01 18 ₹ 25 | 1중36 2중07 2중41 3중18 | 8 \alpha 14 7 \alpha 47 7 \alpha 17 6 \alpha 45 | 11 m 39 11 m 09 10 m 37 10 m 00 | 19 m. 18 21 m. 27 23 m. 52 26 m. 35 | 15 ₹38 16 ₹49 18 ₹05 19 ₹29 | 2정30 3정02 3정35 4정12 |
| 59S 60S 61S | 3 Ω 47 3 Ω 07 2 Ω 22 | 5 m 20 4 m 24 3 m 20 | 25 m.43 29 m.16 3 ≈ 22 | 18 ₹ 53 20 ₹ 35 22 ₹ 29 | 3중05 3중49 4중38 | 4 \alpha 58 4 \alpha 19 3 \alpha 35 | 7 m 18 6 m 27 5 m 27 | 27 m.44 1 ≈ 15 5 ≈ 16 | 19∡57 21∡38 23∡31 | 3중58 4중42 5중31 | 6Ω10 5Ω31 4Ω47 | 9 m 18 8 m 31 7 m 36 | 29 m.39 3 ≈ 08 7 ≈ 05 | 21 ⋠ 00 22 ⋠ 40 24 ⋠ 32 | 4정52 5정36 6정24 |
| 62S 63S 64S 65S | 1 \alpha 32 0 \alpha 34 29 \sigma 26 28 \sigma 04 | 2 m 05 0 m 36 28 \Omega 48 26 \Omega 34 | 8 ₹ 03 13 ₹ 26 19 ₹ 32 26 ₹ 22 | 24 ₹37 27 ₹02 29 ₹50 3 ₹ 08 | 5정33 6정36 7정49 9정16 | 2 \(\Omega 45 \) 1 \(\Omega 48 \) 0 \(\Omega 42 \) 29 \(\omega 22 \) | 4 m 18 2 m 56 1 m 17 29 \Omega 13 | 9 ₹ 51 15 ₹ 04 20 ₹ 56 27 ₹ 27 | 25 ₹37 28 ₹00 0 ₹44 | 6326 7328 8339 10304 | 3 \alpha 59 3 \alpha 03 1 \alpha 58 0 \alpha 40 | 6 m 33 5 m 18 3 m 47 | 11 ₹33 16 ₹36 22 ₹14 28 ₹28 | 26 ₹36 28 ₹57 1 ₹38 4 ₹46 | 7정18 8정19 9정29 10정52 |
| 66S pc | 26©18 25©01 | 23 \Omega 40 21 \Omega 29 | 26₹22 3₹51 8₹16 | 7510 9547 | 11 궁 06 12 궁 24 | 27©40 26©26 | 26Ω34 24Ω37 | 4정33 8정43 | 3중58 7중51 10중21 | 11공51 13공05 | 29©03 27©52 | 1 m 54 29 Ω 29 27 Ω 46 | 28×28 5정13 9정11 | 8정32 10정55 | 10852 12836 13847 |

| | Sid.Tir MC: | | 4m AR 524'06 | MC: 11 | 1°00' | Sid.Tir MC: | ne: 7h2 20ອ | 8m AR 320'21 | MC: 11 | 2°00' | Sid.Tir MC: | ne: 7h32 21© | 2m AR 316'42 | RMC: 11 | 3°00' |
|------------|--------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|--------------------|--|----------------------------------|----------------------------------|--------------------------------|------------------------|--|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 18⋒34 | 20 mg 12 | 22 ≏ 42 | 23 m 23 | 21 🗷 43 | 19 235 | 21 m 17 | 23 <u> </u> | 24m21 | 22 × 39 | 20 236 | 22 m/22 | 24 △ 49 | 25 m.20 | 23 ₹ 34 |
| 18 | 18Ω28 18Ω22 | 20 mg 09 20 mg 06 | 22 <u>a</u> 52 23 <u>a</u> 02 | 23 m 36 23 m 49 | 21 🗷 51 21 🗷 59 | 19Ω29 19Ω24 | 21 mg 14 21 mg 12 | 23 ♀ 56 24 ♀ 07 | 24 m 35 24 m 48 | 22 x 47 22 x 54 | 20Ω30 20Ω25 | 22 m/20 22 m/18 | 25 ♀ 00 25 ♀ 11 | 25 m.33 25 m.47 | 23 × 42 23 × 50 |
| 2S 3S | $18\Omega17$ | 20 mg 03 | 23 <u>a</u> 12 | 23 11.49 24 nl 03 | 21 x 39 22 x 07 | 198124 | 21 mg 12 21 mg 09 | 24 2 07 | 25 m 02 | 22 x 34 23 z 02 | 20 <i>i</i> 22 20 Ω 20 | 22 mg 15 | 25 <u>a</u> 22 | 25 m 01 | 23 × 58 |
| 4S | 18 2 11 | 20 m, 00 | 23 ₾ 23 | 24 m 16 | 22 ₹ 15 | 19 13 | 21 m 06 | 24 <u>□</u> 28 | 25 m 16 | 23 🗷 10 | 20 Ω 14 | 22 m 13 | 25 △ 34 | 26 m 15 | 24×106 |
| 5S | 18£06 | 19 m ₂ 57 | 23 ₾ 33 | 24 m 30 | 22 🗷 23 | 19 ຄ 07 | 21 m/03 | 24 ₾ 39 | 25 m 29 | 23 🗷 18 | 20 20 09 | 22 m 10 | 25 △ 45 | 26 m.28 | 24 ₹ 14 |
| 6S | 18 Ω 00 | 19 m 54 | 23 <u>₽</u> 44 | 24 m 44 | 22×31 | 19 ຄ 01 | 21 m/01 | 24 ≏ 51 | 25 m 43 | 23 ₹ 26 | 20 ი 03 | 22 m/08 | 25 ≏ 57 | 26 m.42 | 24 ₹ 22 |
| 7S 8S | 17Ω54 17Ω48 | 19 m, 50 19 m, 47 | 23 ♀ 55 24 ♀ 06 | 24 m. 58 25 m. 12 | 22 🗷 39 22 🗷 47 | 18Ω56 18Ω50 | 20 m 58 20 m 55 | 25 a 02 25 a 14 | 25 m. 57 26 m. 11 | 23 x 34 23 x 42 | 19Ω58 19Ω52 | 22 m 05 22 m 03 | 26 ♀ 09 | 26m.57 27m.11 | 24 × 30 24 × 38 |
| 9S | 178148 178142 | 19 mg 44 | 24 <u>2</u> 00 | 25 m 26 | 22×47 22×55 | 18Ω44 | 20 m 52 | 25 € 26 | 26m26 | 23 x 42 23 x 51 | 198632 | 22 m 00 | 26 € 33 | 27 m 25 | 24 x 36 24 x 46 |
| 108 | 17Ω37 | 19 m 41 | 24ჲ29 | 25 m 40 | 23 🗷 03 | 18 ຄ.39 | 20 m 49 | 25 ≏ 38 | 26 m 40 | 23 ₹ 59 | 19Ω41 | 21 m 58 | 26 ≗ 46 | 27 m.40 | 24 × 54 |
| 11S | 17ω31 | 19 m 37 | 24 <u>₽</u> 41 | 25 m 55 | 23 ∡ 12 | 18 A 33 | 20 m 46 | 25 ⊆ 50 | 26m55 | 24 ₮ 07 | 19ω35 | 21 m 55 | 26₽59 | 27 m 55 | 25 ₹ 02 |
| 12S | 17Ω25 | 19 m 34 | 24 ₾ 54 | 26m.09 | 23 🗷 20 | 18 Q 27 | 20 m 43 | 26 ₾ 03 | 27 m 10 | 24 🗷 15 | 19 29 | 21 m 52 | 27 <u>□</u> 12 | 28 m 10 | 25 🗷 11 |
| 13S 14S | 17Ω19 17Ω12 | 19 mg 30 19 mg 27 | 25 ♀ 06 25 ♀ 19 | 26 m. 24 26 m. 39 | 23 ₹ 28 23 ₹ 37 | 18Ω21 18Ω15 | 20 m/40 20 m/37 | 26 <u>₽</u> 16 26 <u>₽</u> 29 | 27 m. 25 27 m. 40 | 24 x 24 24 x 32 | 19Ω23 19Ω17 | 21 m 50 21 m 47 | 27 <u>₽</u> 26 27 <u>₽</u> 39 | 28 m. 25 28 m. 40 | 25 ₹ 19 25 ₹ 28 |
| 15S | 17 <i>α</i> 06 | 19 m 23 | 25 - 19 | 26 m 55 | 23 🗷 45 | 18Ω09 | 20 m/ 33 | 26 - 23 | 27 m 55 | 24 \$7 41 | 19Ω11 | 21 mg 44 | 27 - 59 | 28 m. 56 | 25 🖈 36 |
| 16S | 17000 | 19 mg 19 | 25 <u>a</u> 32 | 27 m 10 | 23 🖈 54 | 18 A 02 | 20 mg 30 | 26 <u>2</u> 57 | 28 m 11 | 24 \$7 49 | 19 Ω 05 | 21 m/44 21 m/41 | 28 ₾ 08 | 29 m 12 | 25 x 45 |
| 17S | 16Ω53 | 19 m 15 | 25 ≏ 59 | 27m26 | 24 ₹ 03 | 17Ω56 | 20 m/27 | 27 ≏ 11 | 28 m 27 | 24 ₹ 58 | 18£059 | 21 m/38 | 28 ₾ 23 | 29 m 28 | 25 ₹ 53 |
| 188 | 16.047 | 19 m 11 | 26 ₽ 13 | 27 m 42 | 24 🗷 12 | 17Ω50 | 20 m 23 | 27 ≏ 26 | 28 m. 43 | 25 × 07 | 18 0 16 | 21 m 35 | 28 <u>a</u> 38 | 29 m.44 | 26 7 02 |
| 198 | 16.040 | 19 mg 07 | 26 2 28 | 27 m 58 | 24 🗷 20 | 17.043 | 20 m 20 | 27 ≏ 41 | 29 m 00 | 25 🗷 16 | 18.046 | 21 m/32 | 28 a 54 | 0.701 | 26 🗷 11 |
| 20S 21S | 16Ω33 16Ω27 | 19 mg 03 18 mg 59 | 26 ♀ 43 26 ♀ 58 | 28 m 15 28 m 32 | 24 ₹ 30 24 ₹ 39 | 17Ω37 17Ω30 | 20 mg 16 20 mg 12 | 27 ♀ 57 28 ♀ 13 | 29 m. 17 29 m. 34 | 25 ₹ 25 25 ₹ 34 | 18Ω40 18Ω33 | 21 m/29 21 m/25 | 29 ♀ 10 | 0 ₹ 18 0 ₹ 35 | 26 ₹ 20 26 ₹ 30 |
| 22S | 16Ω20 | 18 m 55 | 27 1 4 | 28 m 50 | 24×148 | 17 £23 | 20 mg 08 | 28 - 29 | 29 m 51 | 25 × 44 | 18£27 | 21 m/ 22 | 29 △ 44 | 0 ₹ 53 | 26 ₹ 39 |
| 23S | 16 \O 12 | 18 m 50 | 27 ₾ 31 | 29 m 07 | 24 🗷 58 | 17£16 | 20 m 04 | 28 <u>-</u> 47 | 0×09 | 25 🗷 53 | 18 20 | 21 m 19 | 0 m 02 | 1711 | 26 🗷 48 |
| 24S | 16Ω05 | 18 mg 46 | 27≗48 | 29 m 25 | 25 ₹ 07 | 17Ω09 | 20 m, 00 | 29 ₾ 04 | 0 ₹ 27 | 26 ₹ 03 | 18Ω13 | 21 m, 15 | 0 m. 20 | 1 ₹ 29 | 26 ₹ 58 |
| 25S 26S | 15Ω58 15Ω50 | 18 mg 41 18 mg 36 | 28 ♀ 06 28 ♀ 24 | 29 m.44 0 ≈ 03 | 25 ∡ 17 25 ∡ 27 | 17Ω02 16Ω54 | 19 m 56 19 m 52 | 29 a 23 29 a 42 | 0 ₹ 46 1 ₹ 05 | 26 x 13 26 x 23 | 18Ω06 17Ω58 | 21 mg 11 21 mg 08 | 0m39 0m59 | 1 ∡ 48 2 ∡ 07 | 27 ₹ 08 27 ₹ 18 |
| 27S | 15 Ω 42 | 18 mg 31 | 28 <u>-</u> 24 | 0 x 03 0 z 22 | 25 × 27 | 16 Ω 46 | 19 mg 47 | 0m.01 | 1 x 05 | 26 × 33 | 178258 178251 | 21 m/ 04 | 1 m 19 | 2 x 27 | 27×18 |
| 28S | 15⋒35 | 18 m, 26 | 29 ₾ 03 | 0 ≉ 42 | 25 ₹ 48 | 16£39 | 19 m 43 | 0 m 22 | 1 ≉ 45 | 26 ₹ 43 | 17 <i>Ω</i> 43 | 21 m 00 | 1m41 | 2 ₹ 47 | 27 ₮ 38 |
| 29S | 15 № 26 | 18 m, 21 | 29 ≏ 23 | 1 ₹ 03 | 25 ₹ 58 | 16 ຄ 31 | 19 mg 38 | 0 m. 43 | 2 ₹ 05 | 26 ₹ 54 | 17Ω35 | 20 m 55 | 2 m. 03 | 3 ₹ 08 | 27 ₹ 49 |
| 30S 31S | 15Ω18 15Ω09 | 18 mg 15 18 mg 10 | 29 ≏ 45 0⊪07 | 1 ₹ 24 1 ₹ 45 | 26 ₹ 09 26 ₹ 20 | 16Ω22 16Ω14 | 19 m 33 19 m 28 | 1 m 05 1 m 29 | 2 ₹ 27 2 ₹ 48 | 27 × 05 27 × 16 | 17Ω27 17Ω19 | 20 m 51 20 m 47 | 2 m. 26 2 m. 49 | 3 ₹29 3 ₹51 | 28 × 00 28 × 11 |
| 32S | 15 Ω 01 | 18 mg 04 | 0m.31 | 2 × 108 | 26×20 | 16 Ω 05 | 19 m/ 23 | 1 m. 53 | 3×11 | 27 x 10 | 17.0.19 | 20 mg 42 | 3 m 14 | 4 ₹ 13 | 28 × 22 |
| 33S | 14 \$2.52 | 17 m 58 | 0 m 55 | 2 🗷 31 | 26 🗷 44 | 15Ω57 | 19 m 17 | 2 m 18 | 3 🗷 34 | 27 🗷 39 | 17Ω02 | 20 m 37 | 3 m. 41 | 4 ₹ 37 | 28 🗷 34 |
| 348 | 14Ω42 | 17 m, 51 | 1 m. 21 | 2×154 | 26 ₹ 56 | 15 Ω 47 | 19 mg 12 | 2 m. 45 | 3 ₹ 58 | 27 🗷 51 | 16Ω53 | 20 m/32 | 4m.08 | 5 ₹ 01 | 28 🗷 46 |
| 35S 36S | 14Ω33 14Ω23 | 17 mg 44 17 mg 37 | 1 m. 47 2 m. 16 | 3 ₹ 19 3 ₹ 44 | 27 ₹ 08 27 ₹ 21 | 15 Ω 38 15 Ω 28 | 19 mg 06 18 mg 59 | 3 m. 12 3 m. 42 | 4 ₹ 22 4 ₹ 48 | 28 × 03 28 × 16 | 16Ω43 16Ω34 | 20 m/27 20 m/21 | 4m.37 5m.07 | 5 ₹ 25 5 ₹ 51 | 28 ₹ 58 29 ₹ 11 |
| 37S | 14 <i>θ</i> (23 | 17 mg 30 | 2 m 45 | 4×11 | 27×21 | 15 Ω 18 | 18 m 53 | 4 m. 12 | 5×14 | 28 🗷 29 | 16 Ω 24 | 20 mg 16 | 5m.38 | 6 <i>≯</i> 17 | 29 🗷 24 |
| 38S | 14 \(\O 02 \) | 17 m 23 | 3 m 17 | 4 <i>≯</i> 138 | 27 🗷 47 | 15 № 08 | 18 m 46 | 4m.45 | 5×141 | 28 🗷 42 | 16Ω14 | 20 m 10 | 6m.12 | 6 <i>≯</i> 45 | 29 🗷 37 |
| 39S | 13Ω51 | 17 mp 15 | 3 m.50 | 5 ₹ 06 | 28 ₹ 01 | 14Ω57 | 18 m, 39 | 5 m 19 | 6₹10 | 28 ₹ 56 | 16Ω03 | 20 mg 03 | 6m.47 | 7 <i>≱</i> 13 | 29 ₹ 51 |
| 40S 41S | 13 Ω 39 13 Ω 28 | 17 mg 06 16 mg 57 | 4 m. 25 5 m. 03 | 5 ₹ 35 6 ₹ 06 | 28 × 15 28 × 30 | 14Ω46 14Ω34 | 18 mg 31 18 mg 23 | 5 m 55 6 m 34 | 6 ₹ 39 7 ₹ 10 | 29 x 11 29 x 25 | 15 Ω 52 15 Ω 41 | 19 m ₂ 57 19 m ₂ 50 | 7 m. 24 8 m. 04 | 7 ₹ 43 8 ₹ 13 | 0중06 0중20 |
| 42S | 13 Ω 15 | 16 mg 48 | 5 m 43 | 6 <i>x</i> 38 | 28 × 30 | 14 θ 22 | 18 mg 15 | 7 m 15 | 7 x 10 7 x 42 | 29 \$\frac{1}{29}\$ | 15 Ω 29 | 19 mg 43 | 8m.46 | 8 × 15 | 0820 |
| 43S | 13 Ω 02 | 16 mg 38 | 6m25 | 7 <i>₹</i> 11 | 29 ₮ 02 | 14Ω09 | 18 mg 06 | 7 m 59 | 8 <i>≱</i> 15 | 29 ₹ 57 | 15Ω16 | 19 m 35 | 9m31 | 9 ₹ 19 | 0중52 |
| 44S | 12Ω49 | 16 m, 27 | 7m.11 | 7 ∡ 46 | 29 ₹ 18 | 13 A 56 | 17 m, 57 | 8 m. 45 | 8 ₹ 50 | 0중13 | 15 Ω 03 | 19 m, 27 | 10m.19 | 9 ₹ 54 | 1중08 |
| 45S 46S | 12Ω35 12Ω20 | 16 mg 16 16 mg 04 | 7 m. 59 8 m. 52 | 8 ₹ 22 9 ₹ 00 | 29 ₹36 29 ₹54 | 13 Ω 42 13 Ω 28 | 17 mg 47 17 mg 36 | 9 m 35 10 m 29 | 9∡26 10∡05 | 0중31 0중49 | 14Ω50 14Ω35 | 19 mg 18 19 mg 09 | 11 m. 10 12 m. 05 | 10 ₹ 30 11 ₹ 08 | 1중25 1중43 |
| 46S 47S | 128120 12805 | 16 mg 04 15 mg 52 | 9 m. 48 | 9×100 | 29×34 0중12 | 13 <i>λ</i> 128 | 17 mg 36 17 mg 25 | 10 m 29 | 10 × 05 | 1중07 | 148135 14\Omega21 | 19 mg 09 18 mg 59 | 12 m 05 | 11 × 08 11 × 49 | 1543 2 3 02 |
| 48S | 11 € 49 | 15 mg 38 | 10m49 | 10 ₹ 23 | 0332 | 12£356 | 17 m 13 | 12 m 29 | 11 ₹ 27 | 1중27 | 14⋒05 | 18 mg 48 | 14m07 | 12∡31 | 2522 |
| 498 | 11Ω31 | 15 mg 24 | 11 m.55 | 11 ∡ 08 | 0중53 | 12 Ω 40 | 17 mg 00 | 13 m 37 | 12 ₹ 12 | 1중48 | 13Ω48 | 18 m ₂ 37 | 15 m 16 | 13 ∡ 16 | 2342 |
| 50S | 11Ω13 | 15 m 08 | 13 m 08 | 11 🗷 55 | 1공15 | 12 0 03 | 16 m 46 | 14 m 50 | 12 × 59 | 2중09 | 13 0 13 | 18 m 24 | 16m31 | 14×103 | 3 국 04 |
| 51S 52S | 10Ω54 10Ω34 | 14 m 51 14 m 33 | 14 m. 26 15 m. 53 | 12 ₹ 45 13 ₹ 39 | 1중38 2중02 | 12 Ω 03 11 Ω 43 | 16 mg 31 16 mg 14 | 16 m 10 17 m 38 | 13 \$\times 50 14 \$\times 43 | 2정32 2정57 | 13 Ω 12 12 Ω 53 | 18 mg 11 17 mg 56 | 17m.52 19m.21 | 14 ₹ 53 15 ₹ 46 | 3 중 27 3 중 51 |
| 53S | 10Ω12 | 14 m 13 | 17m28 | 14 ≉ 36 | 2528 | 11 € 22 | 15 m 56 | 19 m 14 | 15≉40 | 3822 | 12£32 | 17 m 41 | 20 m 58 | 16 ₹ 43 | 4궁16 |
| 54S | 9Ω49 | 13 m 51 | 19m.13 | 15 ₹ 37 | 2ਰ55 | 10⋒59 | 15 mg 37 | 21 m 00 | 16∡140 | 3중49 | 12Ω09 | 17 m/23 | 22 m 45 | 17 ₹ 43 | 4중43 |
| 55S | 9Ω24 8Ω57 | 13 m 27 | 21 m 10 | 16×42 | 3 궁 24 | 10 Ω 34 | 15 m 15 | 22 m 58 | 17×45 | 4궁18 | 11.045 | 17 m 04 | 24 m. 43 | 18×48 | 5중12 |
| 56S 57S | 8Ω57 8Ω28 | 13 mg 00 12 mg 30 | 23 m 19 25 m 44 | 17 \$\squad 53 19 \$\squad 09 | 3 궁 56 4 궁 29 | 10 ຄ 08 9 ຄ 39 | 14 m 51 14 m 25 | 25 m 08 27 m 33 | 18 ₹ 56 20 ₹ 11 | 4정49 5정23 | 11Ω19 10Ω51 | 16 m 43 16 m 20 | 26m.53 29m.17 | 19 ₹ 58 21 ₹ 13 | 5 3 43 6 3 16 |
| 58S | 7£56 | 11 m, 57 | 28 m 27 | 20 ₮ 32 | 5중06 | 9Ω08 | 13 m 55 | 0 ₹ 15 | 21 ≉ 34 | 5궁59 | 10 ຄ21 | 15 m 54 | 1 ₹ 58 | 22 ₹ 35 | 6궁52 |
| 59S | 7£22 | 11 mg 19 | 1 ₹ 30 | 22 ₮ 02 | 5중45 | 8 N 34 | 13 mg 21 | 3 ₹ 16 | 23 ₮ 03 | 6중38 | 9Ω47 | 15 m 24 | 4 <i>≯</i> 57 | 24 ₮ 03 | 7ਰ31 |
| 60S | 6Ω43 | 10 m 36 | 4 × 7 56 | 23 🗷 41 | 6중28 | 7.0.15 | 12 m 43 | 6×39 | 24 🗷 42 | 7중21 | 9010 | 14 m 50 | 8×17 | 25 × 41 | 8313 |
| 61S 62S | 6Ω01 5Ω13 | 9 mg 47 8 mg 49 | 8 ₹ 48 13 ₹ 09 | 25 ₹ 31 27 ₹ 34 | 7 3 16 8 3 09 | 7Ω15 6Ω28 | 11 m ₂ 58 11 m ₂ 07 | 10 ₹ 26 14 ₹ 41 | 26 ₹ 30 28 ₹ 31 | 8 3 08 9 3 01 | 8Ω30 7Ω44 | 14 mg 11 13 mg 26 | 12 ₹ 00 16 ₹ 08 | 27 ∡ 28 29 ∡ 27 | 9 궁 00 9 궁 52 |
| 63S | 4Ω19 | 7 mg 41 | 18×09 | 29 × 52 | 9 궁 10 | 5 N 35 | 10 mg 06 | 19 🗷 25 | 0 3 47 | 10300 | 6252 | 12 m/ 32 | 20 🗷 43 | 1341 | 10공51 |
| 64S | 3 a 15 | 6 m 19 | 23 ∡ 28 | 2중30 | 10궁19 | 4ຄ33 | 8 m/ 52 | 24 ∡ 38 | 3중22 | 11중08 | 5 N 52 | 11 m/27 | 25 ₹ 45 | 4궁12 | 11궁57 |
| 65S | 2⋒00 | 4 m) 37 | 29 ₹ 26 | 5중34 | 11궁40 | 3 20 | 7 m 21 | 0중21 | 6궁20 | 12328 | 4Ω40 | 10 mg 07 | 1314 | 7정06 | 13중15 |
| 66S | 0 ഹ 25 29 ഇ 19 | 2 m, 27 0 m, 55 | 5 궁 52 9 궁 39 | 9 궁 12 11 궁 29 | 13 군 21 14 군 29 | 1 Ω 49 0 Ω 45 | 5 m 26 | 6 궁 30 10 궁 06 | 9 궁 51 12 궁 02 | 14 궁 05 | 3Ω13 2Ω12 | 8 m) 27 | 7 3 07 10 3 34 | 10 る 30 12 る 36 | 14 궁 50 15 궁 53 |
| pc | 27×919 | 0 10 33 | 2039 | 11029 | 14029 | 08643 | 4 m, 06 | 10000 | 12002 | 15중11 | 20612 | 7 m, 17 | 10034 | 12030 | 15033 |

| | Sid.Tir MC: | | 6m AR 513'10 | MC: 11 | 4°00' | Sid.Tir MC: | | 0m AR 609'46 | MC: 11 | 5°00' | Sid.Tir MC: | | 4m AR 606'28 | RMC: 11 | 6°00' |
|------------|-------------------------------|-----------------------|----------------------------------|---------------------------------|----------------------------------|---|----------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------|----------------------|---------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 21 ω37 | 23 m 27 | 25 ≏ 53 | 26m.18 | 24 ₹ 29 | 22 A 38 | 24 m 33 | 26₽56 | 27 m 16 | 25 ₹ 24 | 23 & 40 | 25 m/38 | 27ഫ59 | 28 m. 14 | 26∡19 |
| 1S | 21 232 | 23 m 25 | 26≗04 | 26 m 32 | 24 ₹ 37 | 22 N 33 | 24 m 31 | 27≗08 | 27 m 30 | 25 ₹ 32 | 23 235 | 25 m/37 | 28 🕰 11 | 28 m 28 | 26∡27 |
| 2S | 21 Ω27 | 23 m 23 | 26 - 15 | 26 m 46 | 24 🗷 45 | 22 \Omega 28 | 24 m 29 | 27 - 20 | 27m44 | 25 🗷 40 | 23 23 30 | 25 m 35 | 28 - 24 | 28 m. 42 | 26 🗷 35 |
| 3S 4S | 21 Ω21 21 Ω16 | 23 m/21 23 m/19 | 26 ♀ 27 26 ♀ 39 | 27 m 00 27 m 13 | 24 ₹ 53 25 ₹ 01 | 22 \Omega 23 22 \Omega 18 | 24 m/28 24 m/26 | 27 ♀ 32 27 ♀ 44 | 27 m.58 28 m.12 | 25 ₹ 48 25 ₹ 56 | 23 Ω 25 23 Ω 20 | 25 m 34 25 m 33 | 28 <u>2</u> 36 | 28 m. 56 29 m. 11 | 26 ₹ 43 26 ₹ 51 |
| | | | | | | | | | | 26 🗷 04 | | | 29 201 | | 26×59 |
| 5S 6S | $21 \Omega 11$ $21 \Omega 05$ | 23 m 17 23 m 15 | 26 ♀ 51 27 ♀ 03 | 27 m 27 27 m 42 | 25 ₹ 09 25 ₹ 17 | 22 Ω 13 22 Ω 07 | 24 m/24 24 m/22 | 27 ♀ 56 28 ♀ 09 | 28 m. 26 28 m. 41 | 26×104 26×12 | 23 Ω 15 23 Ω 10 | 25 m/31 25 m/30 | 29 <u>a</u> 01 | 29 m.25 29 m.39 | 20 × 39 |
| 7S | 21 Ω 00 | 23 mg 13 | 27 ⊆ 05 | 27 m 56 | 25 × 25 | 22 & 02 | 24 m/21 | 28 ₾ 22 | 28 m 55 | 26×12 | 23 20 05 | 25 m/ 28 | 29 ₾ 28 | 29 m 54 | 27 ₹ 15 |
| 8S | 20Ω54 | 23 m 11 | 27 ≏ 28 | 28 m 10 | 25 ₹ 33 | 21 257 | 24 m 19 | 28≗35 | 29 m 09 | 26 ₹ 28 | 22£159 | 25 m, 27 | 29 ≙ 41 | 0 ₹ 08 | 27 ₹ 23 |
| 9S | 20Ω49 | 23 m, 09 | 27≗41 | 28 m 25 | 25 ₹ 41 | 21 251 | 24 m 17 | 28 <u>⊶</u> 48 | 29 m.24 | 26 ₹ 36 | 22 A 54 | 25 m, 25 | 29≗55 | 0 ₹ 23 | 27.₹31 |
| 10S | 20 Ω 43 | 23 m 06 | 27 ≏ 54 | 28 m 40 | 25 ₹ 49 | 21 246 | 24 m 15 | 29 ≏ 02 | 29 m 39 | 26 ₹ 45 | 22 N 49 | 25 m, 24 | 0m.09 | 0 ₹ 38 | 27 ₹ 40 |
| 118 | 20Ω38 20Ω32 | 23 m 04 | 28 ₾ 07 | 28 m 54 29 m 10 | 25 ₹ 58 26 ₹ 06 | 21 \Quad 40 21 \Quad 35 | 24 m 13 | 29 △ 15 29 △ 30 | 29 m.54 0 ≈ 09 | 26 ₹ 53 27 ₹ 01 | 22 \Omega 43 22 \Omega 38 | 25 m 22 | 0m.23 0m.38 | 0 ₹ 53 1 ₹ 09 | 27 ₹ 48 27 ₹ 56 |
| 12S 13S | 208132 20026 | 23 m, 02 22 m, 59 | 28 ♀ 21 28 ♀ 35 | 29 m 25 | 26 x 14 | 21 N 29 | 24 mg 11 24 mg 09 | 29 2 44 | 0 x 09 0 z 25 | 27×101 27×109 | 228138 | 25 m/21 25 m/19 | 0 m 53 | 1 🗷 24 | 28×05 |
| 14S | 20Ω20 | 22 m 57 | 28 <u>~</u> 49 | 29 m 40 | 26×11 | 21 & 23 | 24 m 07 | 29 ₾ 59 | 0 × 40 | 27×18 | 22 \Omega 27 | 25 m 18 | 1 m 08 | 1 🗷 40 | 28 ₹ 13 |
| 15S | 20Ω14 | 22 m 55 | 29 ≏ 04 | 29 m 56 | 26×31 | 21 A 18 | 24 m 05 | 0m.14 | 0∡56 | 27 🗷 27 | 22 & 21 | 25 mg 16 | 1 m 24 | 1 ₹ 56 | 28 ₹ 22 |
| 16S | 20Ω08 | 22 m 52 | 29 △ 19 | 0 ₹ 12 | 26 <i>x</i> 40 | 21 & 12 | 24 m 03 | 0 m 30 | 1 🗷 12 | 27 🗷 35 | 22 & 15 | 25 m 14 | 1 m. 40 | 2 ₹ 12 | 28 🗷 30 |
| 17S | 20 <i>α</i> 02 | 22 m/50 | 29≗34 | 0∡28 | 26 ₹ 49 | 21 A 06 | 24 m/01 | 0 M 45 | 1 ∡ 29 | 27 ∡ 44 | 22 A 10 | 25 m, 13 | 1 m 56 | 2 ₹ 29 | 28 ₹ 39 |
| 18S | 19256 | 22 m 47 | 29 <u>a</u> 50 | 0 🗷 45 | 26×158 | 21 000 | 23 m 59 | 1 m. 02 | 1 🗷 45 | 27 🗷 53 | 22 \Q 04 | 25 m 11 | 2 m 13 | 2 × 45 | 28 🗷 48 |
| 19S | 19250 | 22 m 44 | 0 m 06 | 1 🗷 01 | 27 🗷 06 | 20 0 54 | 23 m 57 | 1 m. 19 | 2 🗷 02 | 28 🗷 02 | 21 0.58 | 25 m 09 | 2m.31 | 3 🗷 02 | 28 🗷 57 |
| 20S | 19 0 44 | 22 m 41 22 m 39 | 0 m 23 | 1 7 19 | 27 ₹ 16 27 ₹ 25 | 20 \Q 47 | 23 m 54 23 m 52 | 1 m 36 | 2 🗷 19 | 28 🗷 11 | 21 0 45 | 25 m 07 | 2m.48 | 3 × 20 | 29 × 06 29 × 15 |
| 21S 22S | 19Ω37 19Ω30 | 22 m 36 | 0m.41 0m.58 | 1 ₹ 36 1 ₹ 54 | 27×25 27×34 | 20 Ω41 20 Ω35 | 23 m 52 23 m 50 | 1 m.54 2 m.12 | 2 ₹ 37 2 ₹ 55 | 28 x 20 28 x 29 | 21 Ω 45 21 Ω 39 | 25 m 05 25 m 03 | 3 m 07 3 m 26 | 3 ₹ 37 3 ₹ 55 | 29 \$7 24 |
| 23S | 19Ω24 | 22 m 33 | 1 m. 17 | 2 ₹ 12 | 27 ₹ 44 | 20 A 28 | 23 m 47 | 2 m 31 | 3 ₹ 13 | 28 ₹ 39 | 21 232 | 25 m 02 | 3 m. 45 | 4 <i>₹</i> 13 | 29 ₹ 34 |
| 24S | 19 & 17 | 22 m/30 | 1 m 36 | 2 ₹ 30 | 27 ₹ 53 | 20 ຄ21 | 23 m 45 | 2m51 | 3 ₹ 31 | 28 ₹ 48 | 21 226 | 24 m 59 | 4m05 | 4 ₹ 32 | 29 ₹ 44 |
| 25S | 19 Ω 10 | 22 m, 27 | 1 m. 55 | 2 ≉ 49 | 28 ₮ 03 | 20 ຄ 14 | 23 m/42 | 3 m. 11 | 3 ≉ 50 | 28 ₹ 58 | 21 & 19 | 24 m 57 | 4m26 | 4 <i>≯</i> 751 | 29 ₹ 53 |
| 26S | 19Ω03 | 22 m 23 | 2m16 | 3 ₹ 09 | 28 🗷 13 | 20 Ω 07 | 23 m 39 | 3 m 32 | 4 × 10 | 29 🗷 08 | 21 2 12 | 24 m 55 | 4m.48 | 5×11 | 0중03 |
| 27S 28S | 18Ω55 18Ω48 | 22 m, 20 22 m, 17 | 2 m 37 2 m 59 | 3 ₹ 28 3 ₹ 49 | 28 ₹ 23 28 ₹ 34 | 20 \text{ \text{00}} 00 19 \text{ \text{053}} | 23 m/36 23 m/34 | 3 m 54 4 m 16 | 4 ₹ 30 4 ₹ 50 | 29 x 18 29 x 29 | 21 Ω 05 20 Ω 58 | 24 m 53 24 m 51 | 5 m 10 5 m 33 | 5 ₹31 5 ₹51 | 0중13 0중24 |
| 29S | 18Ω40 | 22 m 13 | 3 m. 21 | 4×10 | 28×34 28×44 | 198633 | 23 m/ 31 | 4 m 40 | 5×11 | 29 🗷 39 | 20255 20251 | 24 m 48 | 5 m 57 | 6 ₹ 12 | 0824 |
| 30S | 18Ω32 | 22 m 09 | 3 m 45 | 4 <i>₹</i> 131 | 28 ₹ 55 | 19 ຄ.37 | 23 m 27 | 5 m 04 | 5 <i>≱</i> 133 | 29 ₹ 50 | 20Ω43 | 24 m 46 | 6m.22 | 6 ₹ 34 | 0중45 |
| 31S | 18Ω24 | 22 m 05 | 4m.10 | 4×153 | 29 🗷 06 | 19 230 | 23 m/ 24 | 5 m 29 | 5 x 55 | 0중01 | 20 A 35 | 24 m/ 43 | 6m.49 | 6×34 | 0공56 |
| 32S | 18 Ω 16 | 22 m 01 | 4m35 | 5∤16 | 29 ₹ 18 | 19 ຄ21 | 23 m 21 | 5 M 56 | 6 ₹ 17 | 0중13 | 20 ຄ 27 | 24 m/40 | 7m.16 | 7 <i>₹</i> 19 | 1중08 |
| 33S | 18Ω07 | 21 m 57 | 5 m. 02 | 5×139 | 29 7 29 | 19 2 13 | 23 m 17 | 6m.24 | 6×141 | 0중24 | 20 & 11 | 24 m 38 | 7m.44 | 7 🗷 42 | 1319 |
| 34S | 17Ω58 | 21 m 53 | 5m.31 | 6≯03 | 29 ₹41 | 19204 | 23 m 14 | 6 m 53 | 7 <i>x</i> 105 | 0중36 | 20011 | 24 m/35 | 8m.14 | 8 ₹ 07 | 1중31 |
| 35S 36S | 17Ω49 17Ω40 | 21 mg 48 21 mg 44 | 6m.00 6m.31 | 6 ₹ 28 6 ₹ 53 | 29才53 0중06 | 18Ω55 18Ω46 | 23 m, 10 23 m, 06 | 7 m 23 7 m 55 | 7 オ 30 7 オ 56 | 0중49 1중01 | 20 A 02 19 A 53 | 24 m/32 24 m/29 | 8m.45 9m.17 | 8 * 32 8 * 57 | 1 3 43 |
| 37S | 178240 17030 | 21 m/ 39 | 7 m 04 | 0x·33 | 0800 | 18£37 | 23 m 02 | 8 m 28 | 8 × 22 | 1314 | 19 Ω 43 | 24 m 25 | 9 m 52 | 9 x 24 | 2309 |
| | | 21 m/34 | | 7×147 | | 18£27 | 22 m 58 | 9 m 03 | | I | | 24 m 22 | 1 | | 2822 |
| 39S | 17 0 10 | 21 m/28 | 8m.14 | 8∡16 | 0중46 | 18 Ω 16 | 22 m 53 | 9 NL 40 | 9∡18 | 1ਰ41 | 19£24 | 24 m 18 | 11 m 06 | 10 ₹ 20 | 2중36 |
| 40S | 16⋒59 | 21 m/23 | 8 m 52 | 8 ≉ 46 | 1중01 | 18 ຄ 06 | 22 m/48 | 10m20 | 9≉48 | 1중55 | 19£13 | 24 m 14 | 11 m.46 | 10 ₹ 50 | 2중50 |
| 418 | 16Ω48 | 21 m 17 | 9m.33 | 9 🗷 16 | 1공15 | 17.0.55 | 22 m 43 | 11 m 01 | 10 7 19 | 2310 | 19202 | 24 m 10 | 12 m. 28 | 11 7 21 | 3중05 |
| 42S 43S | 16Ω36 16Ω24 | 21 mg 10 21 mg 04 | 10 m 16 11 m 02 | 9 ₹ 48 10 ₹ 22 | 1중31 1중47 | 17Ω43 17Ω31 | 22 m/38 22 m/33 | 11 m.45 12 m.32 | 10∡51 11∡24 | 2중25 2중41 | 18Ω51 18Ω40 | 24 mg 06 24 mg 02 | 13 m 13 14 m 00 | 11 ∡ 53 12 ∡ 27 | 3 중 20 3 중 36 |
| 44S | 16Ω11 | 20 m 57 | 11 m. 51 | 10 × 22 | 2 3 03 | 17 A 19 | 22 m 27 | 13 m. 22 | 11 \$7 59 | 2558 | 18£27 | 23 m 57 | 14m.51 | 13 🗷 01 | 3 공 52 |
| 45S | 15Ω58 | 20 mg 49 | 12 m.43 | 11 ≉ 33 | 2중20 | 17£06 | 22 m 20 | 14 m 15 | 12∡36 | 3중15 | 18Ω14 | 23 m 52 | 15 m 45 | 13 ₹ 38 | 4309 |
| 46S | 15Ω44 | 20 m 41 | 13 m. 39 | 12×12 | 2중38 | 16 N 52 | 22 m 14 | 15 m 12 | 13 × 14 | 3중33 | 18£01 | 23 m 47 | 16m.43 | 14×16 | 4궁27 |
| 47S | 15 Ω 29 | 20 m 32 | 14m.39 | 12 × 52 | 2857 | 16 ຄ 38 | 22 m 07 | 16m.13 | 13 × 54 | 3중51 | 17Ω47 | 23 m 41 | 17m.45 | 14 × 56 | 4346 |
| 48S 49S | 15Ω14 14Ω57 | 20 m/23 20 m/13 | 15 m 44 16 m 54 | 13 ₹ 34 14 ₹ 19 | 3 중 16 3 중 37 | 16Ω23 16Ω07 | 21 m, 59 21 m, 51 | 17 m 19 18 m 29 | 14 ∡ 37 15 ∡ 21 | 4중11 4중31 | 17Ω32 17Ω16 | 23 m/35 23 m/28 | 18 m. 52 20 m. 03 | 15 ₹ 39 16 ₹ 23 | 5 전 05 5 전 25 |
| | | | | | | | | | | | | | | | 5 8 47 |
| 50S 51S | 14 Ω 40 14 Ω 22 | 20 mg 03 19 mg 51 | 18 m 09 19 m 32 | 15 ₹ 06 15 ₹ 56 | 3 궁 58 4 궁 21 | 15 Ω 50 15 Ω 32 | 21 m/42 21 m/32 | 19 m.46 21 m.09 | 16∡08 16∡58 | 4중53 5중15 | 17Ω00 16Ω42 | 23 m 21 23 m 13 | 21 m.21 22 m.44 | 17 ₹ 10 18 ₹ 00 | 5 6 47 |
| 52S | 14 <i>Ω</i> 03 | 19 mg 39 | 21 m 01 | 16×149 | 4 공 45 | 15 N 13 | 21 m/ 32 | 22 m 39 | 17 × 51 | 5 군 39 | 16 24 | 23 m 05 | 24 m 15 | 18 × 52 | 6중33 |
| 53S | 13 € 42 | 19 m 25 | 22 m 39 | 17∡45 | 5궁10 | 14 ົ ດ 53 | 21 mg 10 | 24 m 18 | 18 ₹ 47 | 6궁04 | 16Ω04 | 22 m 56 | 25 m 54 | 19∡48 | 6중58 |
| 54S | 13 N 20 | 19 m, 11 | 24 m 26 | 18 ≉ 45 | 5중37 | 14£31 | 20 m 58 | 26 m 05 | 19 ∡ 47 | 6중31 | 15 € 43 | 22 m/46 | 27m41 | 20 ∡ 48 | 7중24 |
| 55S | 12.056 | 18 m 54 | 26m24 | 19×150 | 6중06 | 14 0 08 | 20 m 44 | 28 m 03 | 20 × 51 | 6중59 | 15 \O 20 | 22 m/35 | 29 m 39 | 21 🗷 52 | 7중53 |
| 56S 57S | 12Ω31 12Ω03 | 18 mp 36 18 mp 16 | 28 m.35 0 ≈ 58 | 20 ₹ 59 22 ₹ 14 | 6 궁 37 7 궁 09 | 13 Ω 43 13 Ω 16 | 20 mg 29 20 mg 12 | 0 ∡ 13 2 ∡ 36 | 22 ∡ 00 23 ∡ 14 | 7 3 30 8 3 02 | 14Ω56 14Ω29 | 22 m 23 22 m 09 | 1 ₹ 48 4 ₹ 10 | 23 × 00 24 × 13 | 8 중 23 8 중 55 |
| 58S | 12803 $11 \Omega 33$ | 18 lly 16 17 mg 53 | 3 ₹ 38 | 22×14 23×35 | 7 5 09 7 3 45 | 12 \Q 47 | 19 m 53 | 2 x 30 5 ₹ 14 | 23 × 14 24 × 34 | 8 5 38 | 148129 14Ω01 | 22 m 54 | 4×10 6×146 | 24 × 13 25 × 33 | 9중30 |
| 59S | 11 Ω 01 | 17 m/28 | 6 ₹ 35 | 25 ₹ 03 | 8중24 | 12 \alpha 15 | 19 m 32 | 8 ₹ 08 | 26 ₹ 01 | 9중16 | 13 29 | 21 m/ 37 | 9 ₹ 38 | 26 ₹ 59 | 10중08 |
| 60S | 10 ຄ 25 | 16 m, 58 | 9 ∡ 151 | 26 ₹ 39 | 9궁06 | 11 Q 40 | 19 mg 07 | 11 ~ 21 | 27 ₹ 37 | 9궁57 | 12£055 | 21 m, 17 | 12 ∡ 48 | 28 ₹ 33 | 10궁49 |
| 61S | 9Ω45 | 16 m 25 | 13 ₹ 29 | 28 ₹ 25 | 9궁52 | 11 Q 01 | 18 m, 39 | 14 z 54 | 29 ₹ 21 | 10중43 | 12 Q 17 | 20 m 54 | 16∡16 | 0중16 | 11궁34 |
| 62S | 9200 | 15 m 46 | 17×30 | 0중22 | 10중43 | 10 \alpha 17 | 18 m, 06 | 18 × 50 | 1중17 | 11334 | 11 A 34 | 20 m 28 | 20×05 | 2중10 | 12324 |
| 63S 64S | 8Ω09 7Ω11 | 14 m, 59 14 m, 03 | 21 ∡ 57 26 ∡ 49 | 2중34 5중02 | 11중41 12중46 | 9 ຄ 27 8 ຄ 3 0 | 17 m, 28 16 m, 41 | 23 ∡ 08 27 ∡ 50 | 3 궁 26 5 궁 51 | 12중30 13중35 | 10Ω46 9Ω51 | 19 m, 57 19 m, 20 | 24 ∡ 16 28 ∡ 48 | 4궁17 6궁39 | 13중20 14중23 |
| | | | | | | | | | | | | | | | |
| 65S 66S | 6Ω02 4Ω37 | 12 m 55 11 m 29 | 2정05 7정44 | 7 궁 51 11 궁 08 | 14중02 15중34 | 7Ω23 6Ω02 | 15 mg 44 14 mg 32 | 2정54 8정19 | 8 궁 36 11 궁 46 | 14궁49 16궁18 | 8Ω46 7Ω28 | 18 mg 34 17 mg 36 | 3중42 8중55 | 9 さ 19 12 さ 24 | 15중36 17중02 |
| pc | 3Ω40 | 10 m, 29 | 11중02 | 13명10 | 16공35 | 5 N 07 | 13 m 43 | 11329 | 13344 | 17317 | 6£35 | 16 m 57 | 11공57 | 12824 | 17802 17 8 59 |
| Calcula | | | | | | | | | | | | | | | |

| | Sid.Tir MC: | | 8m AR 503'19 | MC: 11 | 7°00' | Sid.Tir MC: | | 2m AR 600'17 | MC: 11 | 8°00' | Sid.Tir MC: | ne: 7h50 26© | 6m AR 557'23 | RMC: 11 | 9°00' |
|------------|----------------------------|----------------------|----------------------|----------------------------------|--------------------------------|------------------------------------|----------------------|------------------------|----------------------------------|--------------------------------------|--------------------|----------------------|----------------------|--------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 24⋒42 | 26 m 43 | 29ჲ02 | 29 m 12 | 27 ₹ 14 | 25 € 44 | 27 m/49 | 0 m 05 | 0∡10 | 28 ₮ 09 | 26⋒46 | 28 m 54 | 1 m 08 | 1 ≉ 07 | 29 ₹ 04 |
| 18 | 24 \Q 37 | 26 m 42 | 29 ₾ 15 | 29 m 26 | 27 🗷 22 | 25 \Omega 39 | 27 m 48 | 0m.18 | 0 ₹ 24 | 28 🗷 17 | 26 \Omega 42 | 28 m 54 | 1 m 21 | 1 7 22 | 29 7 12 |
| 2S 3S | 24Ω32 24Ω27 | 26 mg 41 26 mg 40 | 29 <u>2</u> 27 | 29 m 40 29 m 55 | 27 ₹ 30 27 ₹ 38 | 25 Ω34 25 Ω30 | 27 mg 47 27 mg 47 | 0 m 31 0 m 44 | 0 ₹ 38 0 ₹ 53 | 28 x 25 28 x 33 | 26Ω37 26Ω32 | 28 m 53 28 m 53 | 1 m 35 1 m 48 | 1 ₹ 36 1 ₹ 51 | 29 ₹20 29 ₹28 |
| 4S | 248127 24022 | 26 m 39 | 29 <u>a</u> 53 | 29 IIC 33 0 ₹ 09 | 27 × 36 | 25 N 25 | 27 mg 46 | 0 m 58 | 0x·33 1∡07 | 28 × 41 | 26Ω28 | 28 m 53 | 2 m 02 | 2×31 | 29 x·28 29 x 36 |
| 5S | 24Ω17 | 26 m 38 | 0m.06 | 0 ₹ 23 | 27 x 10 27 x 54 | 25 & 20 | 27 m 45 | 1 m. 11 | 1 ₹ 22 | 28 🗷 49 | 26Ω23 | 28 m 52 | 2 m 16 | 2×03 | 29 🗗 44 |
| 6S | 248117 $24\Omega 12$ | 26 m 37 | 0 m 20 | 0x ¹ 23 | 28 × 02 | 25 % 15 | 27 mg 45 | 1 m 25 | 1 x 22 | 28 × 49 | 26 <i>θ</i> 18 | 28 m 52 | 2 m 30 | 2 x 20 2 x 34 | 29 × 44 |
| 7S | 24Ω07 | 26 mg 36 | 0m.34 | 0 x 50 0 x 52 | 28 🗷 10 | 25 Ω 10 | 27 mg 44 | 1 m 39 | 1 × 50 | 29 🗷 05 | 26Ω13 | 28 m 52 | 2 m 45 | 2 🗷 49 | 0300 |
| 8S | 24 \O 02 | 26 m 35 | 0m48 | 1 ∡ 07 | 28 ₮ 18 | 25 № 05 | 27 m/43 | 1 m 54 | 2 ₹ 06 | 29 द्र 14 | 26 A 08 | 28 m 51 | 3 m 00 | 3 ₹ 04 | 0중09 |
| 9S | 23 A 57 | 26 m 34 | 1 m 02 | 1 ∡ 22 | 28 ₹ 27 | 25 № 00 | 27 mg 42 | 2 m 08 | 2 ₹ 21 | 29 ₹ 22 | 26⋒03 | 28 m 51 | 3 m 15 | 3 ₹ 19 | 0중17 |
| 10S | 23 ⋒ 52 | 26 m 33 | 1 m 16 | 1 ₹ 37 | 28 ₹ 35 | 24 2 5 5 | 27 m/42 | 2 m 23 | 2 ≉ 36 | 29 ₹ 30 | 25 A 58 | 28 m 51 | 3 m 30 | 3 ₹ 35 | 0중25 |
| 118 | 23 Ω 46 | 26 m 32 | 1 m. 31 | 1 ₹ 53 | 28 🗷 43 | 24 \Omega 50 | 27 m 41 | 2 m 38 | 2 ₹ 51 | 29 ₹ 38 | 25 \Omega 53 | 28 m 50 | 3 m 45 | 3 ₹ 50 | 0중33 |
| 12S | 23 \Q 41 | 26 m 31 | 1 m. 46 | 2×108 | 28 🗷 51 | 24 \Q 45 | 27 m 40 | 2 m 54 | 3 × 07 | 29 🗷 46 | 25 \O 48 | 28 m 50 | 4m.01 | 4 ₹ 06 | 0중41 |
| 13S 14S | 23 \Quad 36 23 \Quad 30 | 26 m/29 26 m/28 | 2m01 2m17 | 2 ₹ 24 2 ₹ 39 | 29 × 00 29 × 08 | 24 \Quad 39 24 \Quad 34 | 27 m/39 27 m/39 | 3 m 10 3 m 26 | 3 ₹ 23 3 ₹ 39 | 29才55 0중03 | 25 Ω43 25 Ω38 | 28 mg 49 28 mg 49 | 4m.18 4m.34 | 4 ₹ 22 4 ₹ 38 | 0 궁 50 0 궁 58 |
| | | | | | 29 🖈 17 | 24 \Omega 29 | | | | | | | | | |
| 15S 16S | 23 Ω 25 23 Ω 19 | 26 m/27 26 m/26 | 2 m 33 2 m 50 | 2 ₹ 55 3 ₹ 12 | 29 \$ 25 | 24 <i>β</i> (29 24 <i>β</i> (23 | 27 m/38 27 m/37 | 3 m 42 3 m 59 | 3 ₹ 55 4 ₹ 11 | 0중12 0중20 | 25 Ω33 25 Ω27 | 28 m 49 28 m 48 | 4m.51 5m.09 | 4 ₹ 54 5 ₹ 10 | 1 3 07 |
| 17S | 23 Ω 13 | 26 m/ 24 | 3 m 07 | 3×12 | 29 🗷 34 | 24 N 18 | 27 mg 36 | 4 m. 17 | 4×11 | 0중29 | 25 Ω 22 | 28 m 48 | 5 m 27 | 5×10 | 1324 |
| 18S | 23 № 08 | 26 m 23 | 3 m. 24 | 3 ₹ 45 | 29 ₹ 43 | 24 \Omega 12 | 27 m 35 | 4 m. 35 | 4 <i>₹</i> 45 | 0중38 | 25 A 16 | 28 m 47 | 5m.45 | 5 ₹ 44 | 1중33 |
| 19S | 23 20 02 | 26 m, 22 | 3 m.42 | 4 ≉ 02 | 29 ₹ 52 | 24 20 06 | 27 m 34 | 4 m 53 | 5 ≉ 02 | 0중47 | 25 211 | 28 m/47 | 6m04 | 6∡01 | 1중42 |
| 20S | 22£156 | 26 m/20 | 4 m 00 | 4 <i>≱</i> 120 | 0중01 | 24 2000 | 27 m 33 | 5 m 12 | 5 <i>≱</i> 19 | 0중56 | 25 20 05 | 28 m/46 | 6m23 | 6 <i>≱</i> 19 | 1중51 |
| 21S | 22 \Omega 50 | 26 m 19 | 4m.19 | 4 <i>≯</i> 137 | 0중10 | 23 2 54 | 27 m 32 | 5 m 31 | 5 <i>≱</i> 137 | 1중05 | 24 2 5 9 | 28 m/46 | 6m43 | 6 <i>x</i> ³37 | 2중00 |
| 22S | 22 Ω 44 22 Ω 37 | 26 m 17 | 4m39 4m59 | 4×155 | 0중19 0중29 | 23 \Omega 48 23 \Omega 42 | 27 m 31 27 m 30 | 5 m 51 | 5 × 55 | 1314 | 24 \Omega 53 | 28 m 45 | 7m.04 | 6 ₹ 55 7 ₹ 14 | 2 3 09 2 3 19 |
| 23S 24S | 228137 22031 | 26 mg 16 26 mg 14 | 5 m 20 | 5 ₹ 14 5 ₹ 33 | 0529 | 23 N 36 | 27 m 29 | 6m.12 6m.33 | 6 ₹ 14 6 ₹ 33 | 1중24 1중34 | 24Ω47 24Ω41 | 28 m/45 28 m/44 | 7 m 25 7 m 47 | 7 x 14 | 2 5 28 |
| 25S | 22 Ω 24 | 26 m 13 | 5 m. 41 | 5 ₹ 52 | 0중48 | 23 \(\Omega 29 \) | 27 m 28 | 6 m 55 | 6 ₹ 52 | 1843 | 24 \Omega 35 | 28 m 44 | 8 m . 09 | 7 x 52 | 2838 |
| 26S | 228124 $22\Omega17$ | 26 mg 13 | 6m.03 | 5 x 3 2 6 x 11 | 0548 0중58 | 23 N 23 | 27 mg 28 | 7 m 18 | 0 x 32 7 ₹ 12 | 1 643 1 653 | 248133 24Ω29 | 28 mp 43 | 8 m 32 | 8 × 12 | 2 5 38 |
| 27S | 22 <i>ω</i> 11 | 26 mg 10 | 6m.26 | 6×11 | 1308 | 23 Ω 16 | 27 m/ 26 | 7 m 42 | 7×12 | 2 ට 33 | 24 \(\Omega 22 \) | 28 mg 43 | 8m.56 | 8 × 32 | 2 3 58 |
| 28S | 22 N 03 | 26 m 08 | 6m.50 | 6 ≯ 52 | 1중19 | 23 209 | 27 m 25 | 8 m 06 | 7 <i>≠</i> 153 | 2ਰ14 | 24 2 15 | 28 m/42 | 9m21 | 8 ₹ 53 | 3云09 |
| 29S | 21 256 | 26 mg 06 | 7m.15 | 7 <i>≱</i> 13 | 1중29 | 23 20 02 | 27 m/24 | 8 m. 31 | 8 ∡ 14 | 2중24 | 24⋒08 | 28 m/42 | 9m47 | 9 ₹ 14 | 3중19 |
| 30S | 21 249 | 26 m 04 | 7m.40 | 7 <i>≱</i> 135 | 1중40 | 22 2 55 | 27 m 23 | 8 m 58 | 8≉36 | 2중35 | 24 🕅 01 | 28 m/41 | 10 m. 14 | 9.₹36 | 3중30 |
| 31S | 21 241 | 26 m 02 | 8m.07 | 7 ₹ 57 | 1공51 | 22 \Omega 47 | 27 m 21 | 9 m 25 | 8 ₹ 58 | 2846 | 23 Ω 54 | 28 m 40 | 10m.42 | 9 ₹ 58 | 3중41 |
| 32S | 21 233 | 26 m 00 | 8m.35 | 8 × 20 | 2중03 | 22 \Quad 40 | 27 m 20 | 9 m. 53 | 9 🗷 21 | 2857 | 23 Ω47 23 Ω39 | 28 m 40 | 11 m 11 | 10 7 21 | 3 공 52 |
| 33S 34S | 21 Ω 25 21 Ω 17 | 25 m 58 25 m 56 | 9m.04 9m.34 | 8 ₹ 44 9 ₹ 08 | 2 3 14 2 3 26 | 22 \Quad 32 22 \Quad 24 | 27 m, 19 27 m, 17 | 10 m 23 10 m 54 | 9 ₹ 45 10 ₹ 09 | 3 중 09 3 중 21 | 23 £ 39 23 £ 31 | 28 m/39 28 m/38 | 11 m. 42 12 m. 13 | 10 ∡ 45 11 ∡ 09 | 4 3 04 4 3 16 |
| 35S | 21 Ω 08 | 25 m/ 54 | 10 m 06 | 9∡33 | | 22 \Omega 15 | | | | 3533 | 23 \Omega 23 | | | | 4328 |
| 36S | 213708 21000 | 25 m 51 | 10 m 39 | 9×159 | 2중38 2중51 | 22807 | 27 mg 16 27 mg 14 | 11 m.27 12 m.01 | 10 ₹34 11 ₹00 | 3 で 33 | 238123 23014 | 28 m 38 28 m 37 | 12 m. 46 13 m. 21 | 11 ₹35 12 ₹01 | 4528 4 3 40 |
| 37S | 20 \$\alpha 50 | 25 mg 49 | 11 m. 14 | 10 ₹ 26 | 3중04 | 21 258 | 27 mg 12 | 12 m 36 | 11 × 00 | 3 중 58 | 23 206 | 28 mg 36 | 13 m 57 | 12 × 27 | 4중53 |
| 38S | 20⋒41 | 25 mg 46 | 11 m 51 | 10 ₹ 53 | 3중17 | 21 ⋒49 | 27 mg 11 | 13 m 14 | | 4중12 | 22 2 57 | 28 m/35 | 14m35 | 12 ₹ 55 | 5중06 |
| 39S | 20⋒31 | 25 m/43 | 12m30 | 11 ₹ 22 | 3중31 | 21 239 | 27 m, 09 | 13 m 53 | 12 ₹ 23 | 4중25 | 22 Ω 47 | 28 m/34 | 15 m 15 | 13 ₹ 24 | 5중20 |
| 40S | 20 21 | 25 mg 41 | 13 m.11 | 11 ∡ 52 | 3₹45 | 21 229 | 27 m, 07 | 14 m 35 | 12∡53 | 4중39 | 22 237 | 28 m/33 | 15 m 58 | 13 ≯ 54 | 5중34 |
| 41S | 20 \Omega 10 | 25 m 38 | 13 m 54 | 12 7 23 | 3중59 | 21 2 19 | 27 m 05 | 15 m 19 | 13 ~ 24 | 4354 | 22 \Omega 27 | 28 m 32 | 16m42 | 14 🗷 24 | 5정48 |
| 42S 43S | 19Ω59 19Ω48 | 25 m/34 25 m/31 | 14m39 15m28 | 12 ₹ 55 13 ₹ 28 | 4 3 15 4 3 30 | 21 \Quad 08 20 \Quad 57 | 27 m 03 27 m 01 | 16m.05 16m.54 | 13 ₹ 56 14 ₹ 29 | 5 전 09 5 전 25 | 22Ω17 22Ω06 | 28 m 31 28 m 30 | 17m29 18m19 | 14 ∡ 57 15 ∡ 30 | 6 3 03 6 3 19 |
| 43S 44S | 198148 19836 | 25 m 28 | 15 m 28 | 13 x 28 14 × 03 | 4 5 30 4 3 47 | 20 <i>Ω</i> 45 | 26 m 58 | 17 m.46 | 14 x 29 | 5 공 41 | 21 N 54 | 28 m 29 | 19 m 12 | 16×30 | 6중35 |
| 45S | 19 Ω 23 | 25 m/ 24 | 17 m. 14 | 14×140 | 5중04 | 20 233 | 26 m/ 56 | 18 m. 42 | 15×01 | 5중58 | 21 \Omega 42 | 28 m 28 | 20m.08 | 16×41 | 6정52 |
| 43S 46S | 198123 19810 | 25 m 20 | 17 IL 14 18 m. 13 | 14 x 40 15 ₹ 18 | 5 중 21 | 20 λ 20 | 26 m 53 | 19 m. 41 | 15×41 | 6중15 | 21 & 21 & 30 | 28 m/ 26 | 20 1L 08 | 10 x 41 | 7중10 |
| 47S | 18⋒57 | 25 m 15 | 19m.16 | 15 ₹ 58 | 5중40 | 20 20 06 | 26 m 50 | 20 m 45 | 16×59 | 6중34 | 21 Ω 17 | 28 m 25 | 22 m 12 | 17 ₹ 59 | 7중28 |
| 48S | 18£42 | 25 m 11 | 20 m. 23 | 16×140 | 5정59 | 19 252 | 26 m 47 | 21 m.53 | 17×141 | 6중53 | 21 20 03 | 28 m/23 | 23 m.21 | 18×41 | 7중47 |
| 49S | 18⋒27 | 25 m, 06 | 21 m 35 | 17 ₹ 24 | 6궁19 | 19£37 | 26 m/44 | 23 m 05 | 18 ₹ 25 | 7중13 | 20 A 48 | 28 m/22 | 24 m 34 | 19 ₹ 25 | 8중07 |
| 50S | 18Ω11 | 25 m 00 | 22 m 53 | 18 🗷 11 | 6중40 | 19 & 22 | 26 m 40 | 24 m 24 | 19 z 12 | 7중34 | 20⋒33 | 28 m 20 | 25 m 53 | 20 🗷 12 | 8중28 |
| 51S | 17Ω53 | 24 m 55 | 24 m 17 | 19 7 01 | 7중03 | 19 0 0 17 | 26 m 36 | 25 m 48 | 20 \$701 | 7 궁 56 | 20Ω17 | 28 m 18 | 27 m 18 | 21 701 | 8중50 |
| 52S 53S | 17Ω35 17Ω16 | 24 m/48 24 m/42 | 25 m.48 27 m.27 | 19 ₹ 53 20 ₹ 49 | 7 3 26 7 3 51 | 18Ω47 18Ω28 | 26 m/32 26 m/27 | 27 m.20 28 m.59 | 20 ₹ 53 21 ₹ 49 | 8 중 20 8 중 45 | 19Ω59 19Ω41 | 28 mg 16 28 mg 13 | 28 m. 49 0 ∡ 28 | 21 ₹ 53 22 ₹ 48 | 9 궁 13 9 궁 38 |
| 54S | 16255 | 24 m/ 34 | 29 m 15 | 20 x 49 | 8중18 | 18 N 08 | 26 m/ 22 | 0×146 | 22 × 47 | 9중11 | 19821 | 28 m 11 | 2 × 15 | 23 × 46 | 10중04 |
| 55S | 16Ω33 | 24 m 26 | 1 🗷 13 | 22 × 51 | 8중46 | 17Ω46 | 26 m 17 | 2 ₹ 43 | 23 × 50 | 9839 | 19Ω00 | 28 m 08 | 4×12 | 24 × 49 | 10중31 |
| 56S | 16Ω09 | 24 m 17 | 3 × 21 | 22 × 51 23 × 59 | 9중16 | 17 Ω 23 | 26 mg 11 | 2 x · 43 4 ₹ 51 | 24 ₹ 58 | 10중08 | 18£37 | 28 mg 05 | 6∡18 | 25 × 56 | 11201 |
| 57S | 15 Ω 43 | 24 m 06 | 5 ₹ 42 | 25 ₹ 12 | 9정48 | 16Ω58 | 26 m 04 | 7 ₹ 10 | 26 ₹ 10 | 10중40 | 18 N 12 | 28 m 02 | 8 ₹ 36 | 27 ₹ 07 | 11332 |
| 58S | 15Ω15 | 23 m 55 | 8 <i>≱</i> 16 | 26∡31 | 10궁22 | 16£30 | 25 m 56 | 9 ₹ 42 | 27 ∡ 28 | 11314 | 17Ω46 | 27 m 58 | 11 ₹ 06 | 28 ₹ 24 | 12궁06 |
| 59S | 14Ω45 | 23 m 42 | 11 ∡ 05 | 27 ≯ 56 | 11궁00 | 16£000 | 25 m, 48 | 12 ₹ 29 | 28 ₹ 52 | 11851 | 17Ω17 | 27 m 54 | 13 ₹ 50 | 29 ∡ 48 | 12중43 |
| 60S | 14Ω11 | 23 m 27 | 14 🗷 11 | 29 🗷 29 | 11중40 | 15 Ω 28 | 25 m 38 | 15 ₹ 32 | 0중24 | 12832 | 16Ω45 | 27 m 49 | 16×149 | 1중18 | 13중23 |
| 61S | 13 Ω34 | 23 m 10 | 17×35 | 1중11 | 12325 | 14.051 | 25 m 26 | 18 🗷 51 | 2중04 | 13316 | 16Ω09 | 27 m 43 | 20 🗷 04 | 2정57 | 14306 |
| 62S | 12Ω52 12Ω05 | 22 m 50 | 21 × 18 | 3중03 5 天 07 | 13중14 | 14Ω11 | 25 m 13 | 22 ₹ 28 26 ₹ 24 | 3 공 55 | 14 궁 04 | 15Ω30 14Ω46 | 27 m 36 | 23 🗷 36 | 4 공 46 | 14 공 54 |
| 63S 64S | 12Ω05 11Ω12 | 22 m, 27 21 m, 59 | 25 ₹21 29 ₹45 | 5 3 07 7 3 26 | 14궁09 15궁11 | 13 Ω25 12 Ω33 | 24 m 58 24 m 39 | 26 <i>束</i> 24 0중40 | 5정57 8정12 | 14궁58 15궁59 | 14Ω46 13Ω55 | 27 m/28 27 m/19 | 27 ₹ 25 1 ₹ 32 | 6 3 45 8 3 59 | 15 공 47 16 공 47 |
| 65S | 10 Ω 09 | 21 m/ 24 | 4 3 28 | 10중03 | 16중22 | 11.033 | 24 m 16 | 5중13 | 10중45 | 17809 | 12Ω57 | 27 m 08 | 5 공 57 | 11328 | 17중55 |
| 66S | 8Ω54 | 21 mg 24 20 mg 41 | 9 군 29 | 10등03 13등02 | 17546 | 10 Ω 20 | 24 m 10 23 m 47 | 10중03 | 10등43 13등39 | 18830 | 11047 | 26 m 53 | 10중37 | 14316 | 19중14 |
| pc | 8 N 04 | 20 mg 12 | 12325 | 14 공 51 | 18341 | 9 N 33 | 23 m 27 | 12 공 53 | 15 日 35 | 19823 | 11002 | 26 m/ 43 | 13 る 20 | 15 공 59 | 20중05 |
| _ | | | | ecliptic of | | | | | | | | - | ! | ! | |

| | Sid.Tin MC: | | 0m AR 554'38 | RMC: 12 | 20°00' | Sid.Tin MC: | | 4m AR 52'01 | CMC: 12 | 21°00' | Sid.Tin MC: | | 8m AR \$49'33 | CMC: 12 | 2°00' |
|--------------|-----------------------------------|--------------------|---------------------|----------------------------------|--|------------------------------|---|------------------------|-------------------------|--------------------------------|-----------------------------------|---|---|-------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27Ω49 | 0호00 | 2 m 10 | 2 ₹ 05 | 0동00 | 28£51 | 1 2 05 | 3 m. 13 | 3 ∡ 02 | 0중55 | 29Ω54 | 2 🕰 10 | 4m.15 | 3 ₹ 59 | 1350 |
| 1S | 27 Ω 44 | 0₽00 | 2 m 24 | 2 ₹ 19 | 0중07 | 28 № 47 | 1 2 0 5 | 3 m 27 | 3 ∡ 17 | 1중03 | 29 2 50 | 2₽11 | 4 m 29 | 4∡14 | 1중58 |
| 2S | 27 240 | 0 ₽ 00 | 2 m 38 | 2 ₹ 34 | 0중15 | 28 N 42 | 1 2 06 | 3 m.41 | 3 ₹ 31 | 1동10 | 29 ₪ 45 | 2 🕰 12 | 4 m 44 | 4 ₹ 28 | 2306 |
| 3S | 27Ω35 | 0 ₽ 00 | 2 m 52 | 2 ₹ 48 | 0중23 | 28 A 38 | 1 2 06 | 3 m 55 | 3 ₹ 46 | 1218 | 29 Ω41 | 2 ≏ 12 | 4m.59 | 4 <i>≯</i> 43 | 2313 |
| 4S | 27Ω30 | 0호00 | 3 m 06 | 3 ₹ 03 | 0중31 | 28 A 33 | 1 △ 06 | 4 m 10 | 4 ≯ 01 | 1중26 | 29 ຄ 37 | 2 ₾ 13 | 5 m. 14 | 4 ≉ 58 | 2ਰ21 |
| 5S | 27£26 | 0ლ00 | 3 m 20 | 3 ₹ 18 | 0중39 | 28 29 | 1 2 07 | 4 m 25 | 4 <i>≯</i> 15 | 1중34 | 29 232 | 2 🕰 14 | 5 m 29 | 5 ₹ 13 | 2529 |
| 6S | 27Ω21 | 0₽00 | 3 m 35 | 3 ₹ 32 | 0정47 | 28 224 | 1 2 07 | 4 m 40 | 4 ₹ 30 | 1342 | 29 A 28 | 2 2 14 | 5m44 | 5 ₹ 28 | 2837 |
| 7S | 27Ω16 | 0 ₽ 00 | 3 m 50 | 3 🗷 47 | 0중55 | 28 20 20 | 1 2 07 | 4m.55 | 4×145 | 1351 | 29 2 2 3 | 2 <u>0</u> 15 | 6m.00 | 5 * 43 | 2846 |
| 8S 9S | 27Ω12 27Ω07 | 0호00 0호00 | 4m.05 4m.21 | 4 ₹ 02 4 ₹ 18 | 1 3 04 1 3 12 | 28 A 15 | 1요08 1요08 | 5 m 11 5 m 26 | 5 ₹ 01 5 ₹ 16 | 1중59 2중07 | 29Ω19 29Ω14 | 2 <u>0</u> 16 | 6m.16 6m.32 | 5 ₹ 58 6 ₹ 14 | 2중54 3중02 |
| - 1 | | | | | | | | | | | | | | | |
| 10S 11S | 27Ω02 26Ω57 | 0호00 0호00 | 4 m. 36 4 m. 52 | 4 ₹ 33 4 ₹ 49 | 1중20 1중28 | 28 A 06 28 A 01 | 1요08 1요09 | 5 m 43 5 m 59 | 5 ₹ 31 5 ₹ 47 | 2정15 2정23 | 29Ω10 29Ω05 | 2 <u>⊕</u> 17 2 <u>⊕</u> 18 | 6m49 7m05 | 6 ₹ 29 6 ₹ 45 | 3중10 3중18 |
| 12S | 26 Ω 52 | 0 ₽ 00 | 5 m 09 | 5×104 | 1336 | 27 N 56 | 1 2 09 | 6m.16 | 6×103 | 2 3 23 | 29 \(\O 1 \) | 2 □ 19 | 7 m 23 | 7×101 | 3 ਰ 16 |
| 13S | 26 \$\alpha 47 | 0₽00 | 5 m 25 | 5 ₹ 20 | 1345 | 27 £ 51 | 1 ₾ 10 | 6m.33 | 6×19 | 2340 | 28256 | 2 € 20 | 7 m 40 | 7×17 | 3 ਰ 35 |
| 14S | 26 N 42 | 0 ₽ 00 | 5 m. 43 | 5 ₹ 36 | 1중53 | 27 Ω 47 | 1 ₾ 10 | 6 NL 50 | 6 ₹ 35 | 2ਰ48 | 28£51 | 2 🕰 20 | 7 m 58 | 7 <i>≱</i> 133 | 3ਰ43 |
| 15S | 26Ω37 | 0호00 | 6m.00 | 5 <i>≱</i> 53 | 2302 | 27 & 42 | 1 2 10 | 7 m 08 | 6 <i>₹</i> 51 | 2557 | 28246 | 2 ≏ 21 | 8m.16 | 7 . ₹50 | 3352 |
| 16S | 26 232 | 0₽00 | 6m.18 | 6 ₹ 09 | 2ਰ10 | 27 ω36 | 1 | 7 m 27 | 7 ∡ 708 | 3ਰ05 | 28 241 | 2 | 8m.35 | 8 <i>≱</i> 107 | 4300 |
| 17S | 26 27 | 0₽00 | 6m36 | 6 ₹ 26 | 2중19 | 27£31 | 1 ≏ 11 | 7 m 45 | 7 <i>≱</i> 125 | 3ਰ14 | 28£36 | 2 ₾ 23 | 8 m. 54 | 8 ₹ 24 | 4중09 |
| 18S | 26 \Omega 21 | 0₽00 | 6m.55 | 6 <i>≱</i> 143 | 2528 | 27 A 26 | 1 | 8m.05 | 7 ₹ 42 | 3523 | 28.031 | 2 <u>2</u> 24 | 9m.14 | 8 × 141 | 4중18 |
| 19S | 26 A 16 | 0호00 | 7m.14 | 7 ∡ 101 | 2837 | 27 A 21 | 1 ≏ 12 | 8 m. 24 | 8 ₺ 00 | 3중32 | 28 26 | 2 2 25 | 9m34 | 8 <i>≱</i> 158 | 4중27 |
| 20S | 26 <i>ω</i> 10 | 0ლ00 | 7m34 | 7∡18 | 2중46 | 27 A 15 | 1 ≏ 13 | 8 M 45 | 8 ₹ 17 | 3중41 | 28 21 | 2 ≏ 26 | 9m.55 | 9∡16 | 4중36 |
| 218 | 26Ω05 | 0₽00 | 7m.55 | 7 ₹ 36 | 2855 | 27Ω10 | 1 | 9m.06 | 8 ₹ 35 | 3중50 | 28215 | 2 2 27 | 10m.16 | 9∡34 | 4845 |
| 22S | 25 0 5 2 | 0 ₽ 00 | 8m.16 | 7 🗷 55 | 3중04 | 27 0.50 | 1 2 14 | 9 m 27 | 8 🗷 54 | 3 공 59 | 28 2 10 | 2 € 28 | 10m.38 | 9 🗷 53 | 4354 |
| 23S 24S | 25 Ω 53 25 Ω 47 | 0호00 0호00 | 8 m. 37 8 m. 59 | 8 ₹ 13 8 ₹ 32 | 3중14 3중23 | 26 \Omega 59 26 \Omega 53 | 1 <u>⊕</u> 14 1 <u>⊕</u> 15 | 9 m 49 10 m 12 | 9 ₹ 13 9 ₹ 32 | 4 3 09 4 3 18 | 28 Ω 04 27 Ω 59 | 2 <u>0</u> 29 2 <u>0</u> 30 | 11 m.01 11 m.24 | 10∡12 10∡31 | 5 ଟ 03 5 ଟ 13 |
| - 1 | | | | | | | | | | | | | | | |
| 25S 26S | 25 Ω41 25 Ω34 | 0호00 0호00 | 9 m. 22 9 m. 46 | 8 ₹ 52 9 ₹ 12 | 3중33 3중43 | 26 Ω 47 26 Ω 41 | 1 <u>0</u> 15 | 10 m 35 11 m 00 | 9∡51 10∡11 | 4 3 28 4 3 38 | 27 Ω 53 27 Ω 47 | 2 <u>0</u> 31 | 11 m.48 12 m.13 | 10∡50 11∡10 | 5 군 23 |
| 20S 27S | 25 Ω28 | 0 2 00 | 10m.11 | 9×12 | 3 5 43 | 26Ω34 | 1 ≏ 16 | 11 m 25 | 10 x 11 10 z 32 | 4538 4 5 48 | 27 Ω41 | 2 <u>u</u> 32 2 <u>u</u> 33 | 12 m 38 | 11 x 10 | 5 전 43 |
| 28S | 25 Ω 22 | 0±00 | 10m.36 | 9 🗷 53 | 4중03 | 26 Ω 28 | 1 = 10 | 11 m 51 | 10×52 | 4공58 | 27.035 | 2-33 | 13 m 05 | 11 × 51 | 5 3 53 |
| 29S | 25 Ω 15 | 0₽00 | 11 m 03 | 10 ₹ 14 | 4중14 | 26 22 | 1 ≏ 17 | 12 m 18 | 11 ₹ 14 | 5중09 | 27 A 28 | 2 ≏ 35 | 13 m 32 | 12 ₹ 13 | 6중03 |
| 30S | 25Ω08 | 0호00 | 11 m.30 | 10∡36 | 4325 | 26 A 15 | 1 ≏ 18 | 12 m 46 | 11 ₹ 36 | 5궁19 | 27 22 | 2₽36 | 14m.01 | 12 ₹ 35 | 6중14 |
| 31S | 25 201 | 0 ₽ 00 | 11 m 59 | 10 ₹ 58 | 4336 | 26208 | 1 1 19 | 13 m 15 | 11 ₹ 58 | 5중30 | 27Ω15 | 2 <u>₽</u> 38 | 14m.30 | 12 ₹ 58 | 6중25 |
| 32S | 24⋒54 | 0 ₽ 00 | 12 m 28 | 11 ₹ 21 | 4중47 | 26 ₪ 01 | 1 ≏ 19 | 13 m 45 | 12 ₹ 21 | 5ਰ41 | 27£08 | 2 🕰 39 | 15m.01 | 13 ₹21 | 6중36 |
| 33S | 24Ω46 | 0 ₽ 00 | 12m59 | 11 🗷 45 | 4궁58 | 25 N 54 | 1 20 | 14 m 16 | 12 ₹ 45 | 5중53 | 27£01 | 2 △ 40 | 15 m 33 | 13 ₹ 45 | 6중47 |
| 34S | 24 N 38 | 0∞00 | 13 m.32 | 12 ₮ 10 | 5중10 | 25 € 46 | 1 ≏ 21 | 14 m 49 | 13 ₮ 10 | 6중05 | 26Ω54 | 2 ≏ 42 | 16m06 | 14 🗷 09 | 6궁59 |
| 35S | 24£30 | 0 ლ 00 | 14m05 | 12 ₹ 35 | 5중22 | 25 ຄ38 | 1 21 | 15 m 23 | 13 ∡ 35 | 6중17 | 26⋒46 | 2 🕰 43 | 16m41 | 14 ∡ 34 | 7ਰ11 |
| 36S | 24 \Omega 22 | 0₽00 | 14m.40 | 13 🗷 01 | 5중35 | 25 \Omega 30 | 1 222 | 15 m 59 | 14 🗷 01 | 6중29 | 26239 | 2 <u>2</u> 45 | 17m17 | 15 ₹ 00 | 7중24 |
| 37S 38S | 24Ω14 24Ω05 | 0 ₽ 00 | 15 m 17 15 m 56 | 13 ₹ 28 13 ₹ 55 | 5347 | 25 Ω 22 25 Ω 13 | 1 23 | 16 m 37 17 m 16 | 14 7 28 | 6 3 42 | 26Ω31 26Ω22 | 2 <u>4</u> 7 | 17 m 55 18 m 35 | 15×27 | 7 궁 36 |
| 39S | 23 N 56 | 0 0 00 | 15 11636 16 m 37 | 13×33 14×24 | 6중14 | 25 N 04 | 1 2 2 4 | 17 m 57 | 14×133 | 7중08 | 26 <i>8</i> 122 26 <i>Ω</i> 14 | 2 <u>4</u> 48 | 1811L33 | 15 × 33 | 8 3 03 |
| - 1 | | | | | | | | | | | | | | | |
| 40S 41S | 23 Ω46 23 Ω36 | 0호00 0호00 | 17m20 18m05 | 14 ₹ 54 15 ₹ 25 | 6 궁 28 6 궁 43 | 24Ω55 24Ω46 | 1 <u>2</u> 26 1 <u>2</u> 27 | 18 m. 41 19 m. 27 | 15 ₹ 54 16 ₹ 25 | 7る22 7る37 | 26Ω05 25Ω55 | 2 <u>a</u> 52 2 <u>a</u> 54 | 20m.01 20m.47 | 16 ₹ 53 17 ₹ 24 | 8 3 17 8 3 31 |
| 42S | 23 Ω26 | 0±00 | 18 m 53 | 15 x 23 | 6공58 | 24 £ 36 | 1 = 27 | 20 m 15 | 16×23 | 7852 | 25 Ω 45 | 2 € 56 | 21 m 36 | 17 x 24 | 8 3 31 |
| 43S | 23 & 15 | 0₽00 | 19m.43 | 16 🗷 30 | 7중13 | 24 \Omega 25 | 1 29 | 21 m 06 | 17 <i>≭</i> 30 | 8중07 | 25 A 35 | 2₾59 | 22 m 27 | 18×30 | 9중01 |
| 44S | 23 ຄ 04 | 0₽00 | 20m37 | 17 ≉ 05 | 7중29 | 24 & 14 | 1 2 30 | 22 m 00 | 18 ≉ 05 | 8중23 | 25 № 25 | 3 ₾ 01 | 23 m 22 | 19 ≉ 04 | 9817 |
| 45S | 22 Ω 53 | 0요00 | 21 m.33 | 17 <i>≭</i> 42 | 7중46 | 24 û 03 | 1 ₾ 31 | 22 m 57 | 18 <i>द</i> ⁴41 | 8중40 | 25 A 14 | 3 ₾ 03 | 24 m.20 | 19 ~ 41 | 9334 |
| 46S | 22 N 40 | 0₽00 | 22 m 34 | 18 ₹ 20 | 8중03 | 23 2 51 | 1 2 33 | 23 m 58 | 19 ₹ 19 | 8궁57 | 25 202 | 3 ₾ 06 | 25 m 21 | 20 ₮ 18 | 9궁51 |
| 47S | 22 \Omega 27 | 0₽00 | 23 m 38 | 18 ₹ 59 | 8322 | 23 239 | 1 2 34 | 25 m 03 | 19×159 | 9315 | 24 2 50 | 3 ₾ 09 | 26m26 | 20 द 58 | 10중09 |
| 48S | 22 \Quad 14 | 0 ₽ 00 | 24 m 47 | 19 🗷 41 | 8341 | 23 225 | 1 2 36 | 26 m 12 | 20 🗷 41 | 9중34 | 24 \Q 37 | 3 ₾ 12 | 27m36 | 21 🗷 39 | 10중28 |
| 49S | 22 100 | 0 & 00 | 26m01 | 20 ₹ 25 | 9중00 | 23 A 11 | 1 ≏ 37 | 27 m 26 | 21 ₹ 24 | 9중54 | 24 \Omega 24 | 3 ₾ 15 | 28 m 50 | 22 ₹ 23 | 10중47 |
| 50S | 21 245 | 0 ₽ 00 | 27 m 20 | 21 🗷 11 | 9중21 | 22 \Omega 57 | 1 2 39 | 28 m 45 | 22 🗷 10 | 10중15 | 24 \Omega 09 | 3 <u>0</u> 19 | 0 🗷 09 | 23 🗷 09 | 11중08 |
| 51S | 21 0 12 | 0 2 00 | 28 m. 45 | 22 × 00 | 9 공 43 | 22 \Q 41 | 1 2 41 | 0 × 10 | 22 \$7 59 | 10중36 | 23 0 39 | 3 <u>2</u> 23 | 1 x 34 | 23 🗷 57 | 11330 |
| 52S 53S | 21 Ω 12 20 Ω 54 | 0호00 0호00 | 0∡16 1∡55 | 22 ₹ 52 23 ₹ 46 | 10중06 10중31 | 22 \Omega 25 22 \Omega 07 | 1 △ 43 | 1 ∡ 42 3 ∡ 20 | 23 ₹ 50 24 ₹ 45 | 10궁59 11궁24 | 23 \Quad 38 \\ 23 \Quad 21 | 3 <u>⊕</u> 27 3 <u>⊕</u> 32 | 3 ₹ 05 4 ₹ 43 | 24 ₹ 48 25 ₹ 42 | 11궁52 12궁16 |
| 54S | 20 <i>8</i> 234 20 <i>α</i> 35 | 0호00 | 3 × 42 | 24 × 45 | 10831 | 21 & 49 | 1 2 48 | 5 x · 20 5 x · 06 | 25 × 42 | 11824 | 23 £ 21 23 £ 03 | 3 <u>≈</u> 32 | 6×129 | 25 x·42 26 ₹ 39 | 12810 |
| 55S | 20 Ω 14 | 0 ₽ 00 | 5 x 12 | 25 * 47 | 11324 | 21 \Omega 28 | 1 - 10 | 7∡01 | 26 × 44 | 12316 | 22 \Omega 43 | 3 <u>-</u> 3 ↑ | 8 × 23 | 27 ₹ 40 | 13309 |
| 56S | 19.052 | 0 2 0 0 | 3×37 7×143 | 25×47 26×153 | 11824 | 21 & 228 | 1 2 5 4 | 9×105 | 20 x 44 27 × 49 | 12845 | 22 & 22 | 3 <u>2</u> 42 | 10 ₹ 26 | 27 x 40 28 x 46 | 13837 |
| 57S | 19 N 28 | 0호00 | 9 \$7 59 | 28 × 04 | 12324 | 20 \Omega 44 | 1 2 5 7 | 11 × 20 | 29 \$7 00 | 13316 | 22000 | 3 - 48 | 12×20 | 29 × 55 | 14중08 |
| 58S | 19202 | 0₽00 | 12 ∡ 27 | 29 ₹ 20 | 12358 | 20 A 18 | 2 ₾ 01 | 13 ≯ 46 | 0중15 | 13중50 | 21 235 | 4 ₾ 03 | 15 ≈ 03 | 1310 | 14341 |
| 59S | 18 ຄ 33 | 0호00 | 15 द्र•09 | 0중43 | 13중34 | 19 û 51 | 2 🖴 06 | 16 ₹ 25 | 1중37 | 14궁25 | 21 208 | 4₽11 | 17∡738 | 2중31 | 15ਰ16 |
| 60S | 18£02 | 0호00 | 18 ∡ 04 | 2중12 | 14314 | 19ຄ20 | 2 ≏ 10 | 19∡17 | 3중05 | 15중04 | 20 239 | 4 <u>₽</u> 21 | 20∡27 | 3중58 | 15855 |
| 61S | 17£28 | 0₽00 | 21 ₹ 15 | 3중50 | 14궁56 | 18 Ω 47 | 2 ≏ 16 | 22 ₹ 23 | 4중41 | 15중47 | 20 20 07 | 4 ≙ 33 | 23 ₹ 29 | 5중32 | 16중37 |
| 62S | 16250 | 0₽00 | 24×141 | 5중36 | 15844 | 18 A 10 | 2 | 25 ₹ 44 | 6중26 | 16중33 | 19031 | 4 <u>0</u> 46 | 26 ₹ 45 | 7궁15 | 17822 |
| 63S | 16£07 | 0₽00 | 28 🗷 24 | 7 3 34 | 16중36 | 17.028 | 2 △ 31 | 29 🗷 21 | 8321 | 17324 | 18.051 | 5 2 02 | 0중16 | 9중09 | 18313 |
| | 15010 | | 2る24 | 9る44 | 17云34 | 16Ω41 | 2 ≏ 40 | 3중14 | 10궁29 | 18중22 | 18£05 | 5 🖴 20 | 4중02 | 11る13 | 19중09 |
| 64S | 15 Q 18 | 0호00 | | | | | | | | | | | | | |
| 64S 65S | 14Ω22 | 0 ლ 00 | 6 궁 40 | 12중10 | 18341 | 15 Ω 47 | 2 2 51 | 7중22 | 12중51 | 19827 | 17.0.13 | 5 <u>0</u> 43 | 8중03 | 13중32 | |
| 64S | | | | | 18 궁 41 19 궁 58 20 궁 47 | 15 Ω47 14 Ω43 14 Ω01 | 2 <u>0</u> 51 3 <u>0</u> 06 3 <u>0</u> 16 | 7322 11344 14316 | 12공51 15공30 17공06 | 19중27 20중42 21중30 | 17Ω13 16Ω11 15Ω32 | 5 <u>0</u> 43 6 <u>0</u> 12 6 <u>0</u> 32 | 8 3 03 12 3 16 14 3 44 | 13궁32 16궁07 17궁40 | 20중13 21중26 22중12 |

| | Sid.Tin MC: | | 2m AR 17'14 | CMC: 12 | 23°00' | Sid.Tir MC: | | 6m AR 5'05 | MC: 12 | 24°00' | Sid.Tir MC: | | 0m AR 3'04 | RMC: 12 | 25°00' |
|------------|------------------------------|--------------------------------|------------------------|----------------------------------|----------------------------------|------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|----------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0 mp 57 | 3 ≏ 16 | 5 m. 17 | 4∡56 | 2중45 | 2 m, 00 | 4 <u>₽</u> 21 | 6m.19 | 5 <i>≱</i> 53 | 3중40 | 3 mg 03 | 5 ≏ 26 | 7m.21 | 6 <i>₹</i> 50 | 4중35 |
| 18 | 0 m 53 | 3 △ 17 | 5 m 32 | 5×11 | 2353 | 1 m 56 | 4 <u>0</u> 22 | 6m.34 | 6×108 | 3348 | 2 m 59 | 5 2 2 2 3 | 7m.36 | 7×105 | 4중43 |
| 2S 3S | 0 mp 48 0 mp 44 | 3 <u>₽</u> 18 | 5 m. 47 6 m. 02 | 5 ₹ 26 5 ₹ 40 | 3 조 01 3 조 09 | 1 m, 52 1 m, 48 | 4 <u>0</u> 24 4 <u>0</u> 25 | 6 m 49 7 m 05 | 6 ₹ 23 6 ₹ 38 | 3 궁 56 4 궁 04 | 2 m/55 2 m/51 | 5 <u>0</u> 30 | 7 m. 52 8 m. 07 | 7 ヹ 20 7 ヹ 35 | 4 궁 51 4 궁 59 |
| 4S | 0 mg 40 | 3 ♣ 20 | 6m.17 | 5×155 | 3중17 | 1 mg 44 | 4≘26 | 7 m 20 | 6 ₹ 53 | 4중12 | 2 m/ 47 | 5 € 33 | 8 m 23 | 7 × 50 | 5중07 |
| 5S | 0 mp 36 | 3 ≏ 21 | 6m.33 | 6 <i>≱</i> 10 | 3중25 | 1 m 40 | 4₽28 | 7 m 36 | 7∡08 | 4320 | 2 m 43 | 5₽35 | 8m.40 | 8 ₹ 05 | 5중15 |
| 6S | 0 m 32 | 3 ₾ 22 | 6m48 | 6≉26 | 3₹33 | 1 m 35 | 4 ≙ 29 | 7 m 52 | 7 <i>≱</i> 123 | 4중28 | 2 m/ 39 | 5 ≙ 37 | 8m.56 | 8 ₹ 20 | 5중23 |
| 7S | 0 m 27 | 3 ₾ 23 | 7m.04 | 6×141 | 3341 | 1 m 31 | 4 <u>0</u> 31 | 8m.09 | 7×38 | 4336 | 2 m 35 | 5 △ 38 | 9m.13 | 8 🗷 36 | 5중31 |
| 8S 9S | 0 mg 23 0 mg 19 | 3 <u>a</u> 24 3 <u>a</u> 25 | 7m.21 7m.37 | 6 ₹ 56 7 ₹ 12 | 3정49 3정57 | 1 m, 27 1 m, 23 | 4 <u>0</u> 32 | 8 m. 25 8 m. 42 | 7∡754 8∡709 | 4정44 4정52 | 2 m 31 2 m 27 | 5 ⊕ 40 5 ⊕ 42 | 9m30 9m47 | 8 \$\frac{7}{2} 51 9 \$\frac{7}{2} 07 | 5 군 39 5 군 47 |
| 10S | 0 m 14 | 3 ≏ 26 | 7 m. 54 | 7 <i>≱</i> 127 | 4중05 | 1 mp 18 | 4 <u>₽</u> 35 | 9 m 00 | 8 <i>≱</i> 25 | 5중00 | 2 m 23 | 5 ≙ 44 | 10m.05 | 9 ₹ 22 | 5중55 |
| 11S | 0 mg 10 | 3 ₾ 27 | 8m.11 | 7 ₹ 43 | 4궁13 | 1 mg 14 | 4 <u>0</u> 37 | 9m.17 | 8 ∡ 41 | 5궁08 | 2 m 19 | 5 ≏ 46 | 10 m 23 | 9 ₹ 38 | 6중03 |
| 12S | 0 mp 05 | 3 <u>₽</u> 28 | 8m.29 | 7 ₹ 59 | 4중21 | 1 m, 10 | 4≗38 | 9 m 35 | 8 ₹ 57 | 5중16 | 2 m 15 | 5 △ 48 | 10m.41 | 9 ₹ 55 | 6중11 |
| 13S 14S | 0 m 01 29 Ω 56 | 3 <u>⊕</u> 30 | 8m47 9m05 | 8 ∡ 15 8 ∡ 32 | 4 3 30 4 3 38 | 1 m, 05 1 m, 01 | 4요40 4요41 | 9 m 53 10 m 12 | 9∡13 9∡30 | 5 중 25 5 중 33 | 2 mg 10 2 mg 06 | 5 <u>a</u> 50 | 11m.00 11m.19 | 10 ₹ 11 10 ₹ 27 | 6 3 20 6 3 28 |
| 15S | 29 N 51 | 3 - 32 | 9 m. 24 | 8×148 | 4847 | 0 m ₂ 56 | 4 <u>0</u> 43 | 10 m. 31 | 9x146 | 5842 | 2 mg 02 | 5 - 52 | 11 m. 38 | 10 × 27 | 6중37 |
| 16S | 298131 | 3 ♣ 32 | 9 m 43 | 9×105 | 4 3 55 | 0 m/ 52 | 4 <u>2</u> 45 | 10 m 51 | 10 \$7 03 | 5 8 50 | 1 m 57 | 5 <u>≈</u> 54 | 11 m 58 | 10 x 44 11 × 01 | 6 공 45 |
| 17S | 29 N 42 | 3 <u>⊶</u> 35 | 10m.03 | 9≉22 | 5중04 | 0 m/ 47 | 4≗46 | 11 m 11 | 10∡20 | 5云59 | 1 m 53 | 5 ≏ 58 | 12 m 19 | 11 ∡ 18 | 6궁54 |
| 18S 19S | 29 \Omega 37 29 \Omega 32 | 3 <u>⊕</u> 36 3 <u>⊕</u> 37 | 10 m. 23 10 m. 43 | 9 <i>≱</i> 139 9 <i>≱</i> 157 | 5중13 5중22 | 0 m/42 0 m/37 | 4요48 4요50 | 11 m 31 11 m 52 | 10∡38 10∡55 | 6 3 08 6 3 16 | 1 m/48 1 m/43 | 6 <u>0</u> 00 | 12 m. 39 13 m. 01 | 11 ₹ 36 11 ₹ 53 | 7 3 02 7 3 11 |
| 20S | 29 £132 29 £126 | 3 2 3 9 | | | 5 중 31 | | 4 <u>4</u> 450 | 11 IIL 32 | | 6 3 25 | | | 13 m. 23 | | 7 5 11 |
| 20S 21S | 29 £ 26 29 £ 21 | 3 ♣ 40 | 11m.05 11m.26 | 10 ∡ 15 10 ∡ 33 | 5중40 | 0 m/32 0 m/27 | 4 <u>u</u> 52 4 <u>u</u> 54 | 12 m 36 | 11 🗷 13 11 🗷 31 | 6 5 25 | 1 m ₂ 38 | 6 <u>요</u> 05 | 13 m 45 | 12 ₹ 11 12 ₹ 30 | 7 6 20 7 6 29 |
| 22S | 29Ω16 | 3 <u>⊶</u> 42 | 11 m.49 | 10 ₹ 52 | 5ਰ49 | 0 m 22 | 4≗56 | 12 m 59 | 11 ₹ 50 | 6중44 | 1 m, 29 | 6₽09 | 14m09 | 12 ∡ 48 | 7중38 |
| 238 | 29Ω11 29Ω05 | 3 <u>△</u> 43 | 12 m 12 | 11 7 10 | 5정58 | 0 m 17 | 4 <u>2</u> 58 | 13 m. 22 | 12 7 09 | 6 궁 53 | 1 m 24 | 6 <u>₽</u> 12 | 14m.32 | 13 🗷 07 | 7정48 |
| 248 | | 3 <u>0</u> 45 | 12m.35 | 11 7 30 | 6중08 | 0 m, 12 | 5 2 00 | 13 m.46 | 12 7 28 | 7302 | 1 m 18 | 6 2 14 | 14m.57 | 13 🗷 27 | 7 3 57 |
| 25S 26S | 29Ω00 28Ω54 | 3 <u>₽</u> 46 3 <u>₽</u> 48 | 13 m.00 13 m.25 | 11 ∡ 49 12 ∡ 09 | 6 궁 17 6 궁 27 | 0 mg 06 0 mg 01 | 5 요 02 5 요 04 | 14 m 11 14 m 37 | 12 ∡ 48 13 ∡ 08 | 7 3 12 7 3 22 | 1 mg 13 1 mg 08 | 6 <u>₽</u> 17 | 15 m. 22 15 m. 48 | 13 ₹ 46 14 ₹ 06 | 8 3 07 8 3 17 |
| 27S | 28⋒48 | 3 ₾ 50 | 13 m. 51 | 12 ₹ 30 | 6ਰ37 | 29 û 55 | 5≏06 | 15 m 03 | 13 ₹ 29 | 7중32 | 1 m 02 | 6₽23 | 16m.15 | 14 ₹ 27 | 8중27 |
| 288 | 28 \Quad 42 | 3 △ 51 | 14m.18 | 12 7 51 | 6347 | 29 \Q 49 | 5 2 08 | 15 m 31 | 13 🗷 50 | 7 る 42 | 0 m 57 | 6₽25 | 16m.43 | 14 🗷 48 | 8중37 |
| 298 | 28 236 | 3 <u>∞</u> 53 | 14m.46 | 13 🗷 12 | 6중58 | 29 \Omega 43 | 5 <u>0</u> 11 | 15 m 59 | 14 🗷 11 | 7중53 | 0 m 51 | 6 € 28 | 17m.12 | 15 🗷 10 | 8347 |
| 30S 31S | 28Ω29 28Ω23 | 3 ⊆ 55 | 15 m 15 15 m 45 | 13 ∡ 34 13 ∡ 57 | 7 る 09 7 る 19 | 29 A 37 | 5 ⊕ 13 | 16 m 28 16 m 59 | 14 ∡ 33 14 ∡ 56 | 8 3 03 8 3 14 | 0 m 45 0 m 39 | 6 <u>⊕</u> 32 | 17m.42 18m.12 | 15 ₹ 32 15 ₹ 54 | 8 궁 58 9 궁 08 |
| 32S | 28 № 16 | 3 ≏ 59 | 16m.16 | 14 ₹ 20 | 7중31 | 29 24 | 5 ₾ 19 | 17 m.31 | 15 ~ 19 | 8중25 | 0 m/ 32 | 6₽38 | 18m.45 | 16 ₹ 17 | 9궁19 |
| 33S | 28 N 09 28 N 02 | 4요01 4요03 | 16m49 17m22 | 14 ₹ 44 15 ₹ 08 | 7 3 42 7 3 54 | 29Ω17 29Ω11 | 5 ≘ 21 5 ≘ 24 | 18 m 04 18 m 38 | 15 ₹ 43 16 ₹ 07 | 8 3 36 8 3 48 | 0 mg 26 0 mg 19 | 6 ♀ 42 6 ♀ 45 | 19 m. 18 19 m. 53 | 16 ₹41 17 ₹06 | 9 궁 31 9 궁 42 |
| 34S 35S | | | | 15 x · 06 | 8중06 | 29 20 03 | | | | 9300 | | | | | 9842 9 8 54 |
| 36S | 27Ω55 27Ω47 | 4요05 4요08 | 17m.58 18m.34 | 15× 34 16× 00 | 8518 | 298103 28£156 | 5 <u>⊕</u> 27 5 <u>⊕</u> 30 | 19 m. 14 19 m. 51 | 16 ₹ 32 16 ₹ 58 | 9812 | 0 mg 12 0 mg 05 | 6 ₽ 49 | 20 m.29 21 m.06 | 17 \$\squad 31 17 \$\squad 57 | 10중06 |
| 37S | 27Ω39 | 4 🕰 10 | 19m.13 | 16≉26 | 8중31 | 28 № 49 | 5 ≙ 34 | 20 m 30 | 17 ₹ 25 | 9중25 | 29⋒58 | 6₽57 | 21 m 46 | 18 ₹ 24 | 10중19 |
| 38S 39S | 27Ω31 27Ω23 | 4 <u>₽</u> 13 4 <u>₽</u> 16 | 19 m. 53 20 m. 36 | 16 ₹ 54 17 ₹ 23 | 8 3 44 | 28 0 41 | 5 ≗ 37 | 21 m 11 | 17 ₹ 53 18 ₹ 22 | 9중38 | 29 \Omega 50 29 \Omega 43 | 7요01 7요06 | 22 m 27 23 m 10 | 18 ₹ 52 19 ₹ 20 | 10중32 10중45 |
| 40S | 27 Ω 14 | 4 <u>≈</u> 10 | 21 m.20 | 17 x 23 | 8 3 57 9 3 11 | 28 N 33 28 N 24 | 5 ≗ 45 | 21 m.53 22 m.38 | 18 × 51 | 9 3 51 10 3 05 | 29 \(\alpha \) 34 | 7 = 00 | 23 m 55 | 19 \$7 50 | 10등43 |
| 41S | 27014 | 4 <u>₽</u> 18 | 21 m 20 22 m 07 | 18 × 23 | 9825 | 28 N 15 | 5 <u>a</u> 45 | 23 m 25 | 19 × 22 | 10803 | 29 Ω 26 | 7≗11 | 24 m 43 | 20 ₹ 21 | 11313 |
| 42S | 26⋒56 | 4 ≏ 25 | 22 m 56 | 18∡55 | 9중40 | 28⋒06 | 5 2 53 | 24 m 15 | 19∡154 | 10중34 | 29 Ω 17 | 7 ≏ 21 | 25 m 33 | 20 ₹ 52 | 11중28 |
| 43S 44S | 26Ω46 26Ω36 | 4 <u>₽</u> 28 4 <u>₽</u> 31 | 23 m.48 24 m.43 | 19 ₹ 29 20 ₹ 03 | 9 궁 55 | 27Ω57 27Ω47 | 5 <u>⊕</u> 57 6 <u>⊕</u> 02 | 25 m 07 26 m 02 | 20 ∡ 27 21 ∡ 02 | 10중49 11중05 | 29 N 08 28 N 58 | 7 ♀ 26 7 ♀ 32 | 26 m. 25 27 m. 21 | 21 ₹ 25 22 ₹ 00 | 11궁43 11궁58 |
| 45S | 26 Ω 25 | 4 <u>2</u> 35 | 25 m.41 | 20 ₹ 39 | 10811 | 27 £ 36 | 6 <u>₽</u> 07 | 27 m.01 | 21 x 38 | 11803 | 28Ω48 | 7 <u>=</u> 32 | 28 m 20 | 22 x 36 | 12315 |
| 43S 46S | 26 <i>Ω</i> 14 | 4 <u>2</u> 233 | 26 m. 42 | 20 x 39 21 z 17 | 10~527 10~545 | 27 £ 25 | 6≗12 | 28 m 03 | 21 x· 36 22 x 15 | 11838 | 28£37 | 7 2 39 | 29 m 22 | 22 x 30 23 x 13 | 12813 |
| 47S | 26202 | 4 <u>₽</u> 44 | 27m48 | 21 🗷 56 | 11중03 | 27 A 14 | 6 ≏ 18 | 29 m 08 | 22 ₹ 55 | 11궁56 | 28 226 | 7≗52 | 0 ₹ 27 | 23 ₹ 52 | 12중49 |
| 48S 49S | 25 Ω 49 25 Ω 36 | 4 <u>₽</u> 48 4 <u>₽</u> 53 | 28 m. 57 0 ≠ 12 | 22 ∡ 38 23 ∡ 21 | 11중21 11중41 | 27Ω02 26Ω49 | 6 <u>₽</u> 24 | 0 ∡ 18 1 ∡ 32 | 23 ∡ 36 24 ∡ 19 | 12 3 14 12 3 34 | 28 \Omega 15 28 \Omega 02 | 8호08 8호00 | 1 ₹ 37 2 ₹ 51 | 24 ₹ 33 25 ₹ 16 | 13 궁 08 13 궁 27 |
| 50S | 25 Ω 22 | 4 ≗ 55 | 1 x 31 | 24 × 07 | 12801 | 26 \Omega 36 | 6 <u>0</u> 38 | 2 × 51 | 25 × 04 | 12854 | 27 Ω 49 | 8 <u>0</u> 17 | 2x·31 4∡10 | 25 x· 10 26 x 01 | 13827 |
| 51S | 25 Ω 08 | 5 2 04 | 2 × 56 | 24×107 24×155 | 12801 | 26 N 21 | 6 <u>≈</u> 46 | 4×16 | 25 × 52 | 12 6 34 13 중 15 | 27 £ 36 | 8 <u>a</u> 27 | 5 x 35 | 26×101 26×149 | 14정08 |
| 52S | 24⋒52 | 5 🕰 11 | 4 <i>₹</i> 127 | 25 ₹ 46 | 12중45 | 26ଛ06 | 6₽54 | 5 ₹ 47 | 26 ₹ 42 | 13중38 | 27 & 21 | 8 ≏ 37 | 7 ₹ 05 | 27 ₹ 39 | 14중31 |
| 53S 54S | 24Ω36 24Ω18 | 5 <u>⊕</u> 17 5 <u>⊕</u> 25 | 6 ₹ 04 7 ₹ 49 | 26 ₹ 39 27 ₹ 36 | 13る09 13る34 | 25 \Omega 50 25 \Omega 33 | 7 ♀ 03 7 ♀ 13 | 7 ₹ 24 9 ₹ 08 | 27 ₹ 36 28 ₹ 32 | 14궁02 14궁27 | 27Ω05 26Ω49 | 8 요 49 9 요 01 | 8 ₹ 41 10 ₹ 24 | 28 ₹32 29 ₹28 | 14궁54 15궁19 |
| 55S | 23 £ 59 | 5 = 23 | 9 🗷 42 | 28 × 37 | 14301 | 25 N 15 | 7 = 13 | 11 ₹ 00 | 29 × 32 | 14853 | 26Ω31 | 9215 | 10 x · 24 | 0중27 | 15845 |
| 56S | 23 239 | 5 ≗ 33 | 11 ≉ 44 | 29×37 | 14829 | 24 255 | 7≘24 | 13 × 00 | 0중36 | 15 공 21 | 26Ω12 | 9 ≗ 30 | 14×13 | 1중30 | 16313 |
| 57S | 23 ₪ 17 | 5 ≏ 53 | 13 ₹ 55 | 0중50 | 15중00 | 24⋒34 | 7≗50 | 15×109 | 1ਰ44 | 15중51 | 25⋒51 | 9 ≏ 47 | 16∡22 | 2중38 | 16중43 |
| 58S 59S | 22 Ω 53 22 Ω 27 | 6 ♀ 04 6 ♀ 17 | 16 ∡ 17 18 ∡ 50 | 2 3 04 3 3 24 | 15 궁 32 16 궁 07 | 24Ω11 23Ω46 | 8 <u>요</u> 05 8 <u>요</u> 22 | 17 ₹ 29 19 ₹ 59 | 2 궁 57 4 궁 16 | 16 궁 23 16 궁 58 | 25 \Omega 29 25 \Omega 05 | 10 <u>0</u> 6 | 18 ₹ 39 21 ₹ 07 | 3 궁 50 5 궁 08 | 17 る 14 17 る 49 |
| 60S | 21 \Omega 58 | 6≗32 | 21 × 35 | 4 3 49 | 16345 | 23 £ 18 | 8 <u>=</u> 22 | 22 ₹ 41 | 5 공 41 | 17835 | 24 \Omega 38 | 10 = 27 | 23 × 46 | 6중31 | 18326 |
| 61S | 21 N 27 | 6≗49 | 24 × 33 | 6 공 23 | 17326 | 22 \Omega 48 | 9 <u>0</u> 05 | 25 × 36 | 7정13 | 18316 | 248C38 | 11 <u>22</u> 32 | 26 × 36 | 8중02 | 19306 |
| 62S | 20 û 52 | 7ჲ09 | 27 ₹ 45 | 8 궁 04 | 18중11 | 22 & 14 | 9 ≏ 31 | 28 ₹ 43 | 8중52 | 19중00 | 23 & 37 | 11 ₾ 53 | 29 ₹ 39 | 9 3 40 | 19궁49 |
| 63S 64S | 20Ω13 19Ω29 | 7 <u>⊕</u> 32 8 <u>⊕</u> 00 | 1궁10 4궁50 | 9 궁 55 11 궁 57 | 19 궁 01 19 궁 56 | 21 Ω37 20 Ω54 | 10 <u>a</u> 02 | 2 3 03 5 3 36 | 10중41 12중41 | 19궁49 20궁43 | 23 \Quad 01 \\ 22 \Quad \Quad 20 | 12 <u>0</u> 31 | 2정54 6정22 | 11る27 13る24 | 20중37 21중30 |
| 65S | 193129 18Ω39 | 8 <u>≈</u> 35 | 8 조 43 | 14중13 | 20중59 | 20 £134 20 £134 | | 9 군 23 | 12 5 41 14 궁 53 | 21344 | | | 10중01 | 13·5·24 15·중33 | 21 5 30 22 중 30 |
| 66S | 188139 17Ω40 | 8±33 9 <u>0</u> 18 | 8543 12 3 49 | 14 5 13 | 20 5 39 22 중 10 | 19Ω10 | 11 <u>0</u> 25 | 9523 13 중 21 | 14も33 17 る 20 | 22354 | 21 \Quad 33 \\ 20 \Quad \Quad 39 | 14 <u>0</u> 15 | 13 3 53 | 13 6 33 | 22530 |
| pc | 17Ω02 | 9 ≙ 47 | 15중12 | 18중14 | 22궁55 | 18 ຄ 33 | 13 ⊆ 02 | 15궁40 | 18궁48 | 23337 | 20Ω05 | 16 2 16 | 16중08 | 19중22 | 24궁20 |
| | | | | | - | | - | | | 221200 | | - | | | - |

| 18 | | Sid.Tin MC: | ne: 8h24 | | MC: 12 | 6°00' | Sid.Tin | | 8m AR 9'32 | MC: 12 | 27°00' | Sid.Tir MC: | | 2m AR 8'01 | RMC: 12 | 28°00' |
|--|-----|---------------------|---------------|---------|---------|-------|---------|----------------|---------------|----------------|--------|------------------|----------------|---------------|----------------------------------|----------------------------------|
| 18 | Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 285 38,95 6.946 6.948 9.816 8.946 5.946 | | - | | | | | , , | | | | | | - | | 9 ₹ 39 | 7云20 |
| SS 38,55 64.58 9m.10 8,8-31 565.4 4m.99 74.44 60.12 9.28 63-49 6m.90 84.55 11m.31 11m.31 11m.31 15.55 39.47 64.42 9m.43 99.17 681.8 4m.84 74.54 11m.03 10m.14 781.3 5m.55 84.55 11m.31 11m.31 10m.31 1 | | | | | | | | | | | | | | | 9 🗷 54 | 7중28 |
| SS 38,51 6.440 98,26 88,47 6502 49,55 7246 10,29 97,43 6577 6900 86,23 118,31 118,48 118,68 38,44 6.444 108,00 99,77 6518 49,44 73,45 118,20 107,47 73,13 58,52 86,58 82,68 128,06 178 39,46 6.444 108,00 99,77 6518 49,44 73,55 118,50 109,10 757,13 58,52 86,58 82,68 128,06 178 39,46 6.444 108,00 99,47 6518 49,44 73,55 118,58 109,47 757,5 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 128,42 118,58 10,45 78,49 90,01 138,19 128,18 | | - | | | | | , | | | | | , | | | 10 ₹ 09 10 ₹ 25 | 7 3 36 |
| SS 3,947 6.442 0.00 9-17 6810 4,952 72.49 0.01.46 9.759 7.605 5,955 8.655 11.848 11.876 11.876 10.141 7813 5,952 8.655 11.848 11.876 11.876 10.141 7813 5,952 8.655 11.848 11.876 | | | | | | | | | | | | | | | 10×23 | 7852 |
| SS 3,044 6.044 0.00.00 9.77 6.518 49.48 7.651 11.003 10.741 7.7513 59.52 59.49 9.001 120.74 18.85 39.36 6.048 100.34 9.748 6.634 49.40 7.656 110.38 10.740 7.657 59.42 9.004 120.74 11.005 11.005 11.005 7.659 11.005 11.005 7.659 11.005 7.659 11.005 7.659 11.005 11.005 7.659 11.005 11.005 7.659 11.005 7.659 11.005 11.005 7.659 11.005 11.005 7.659 11.005 11.005 7.659 11.005 11.005 11.005 11.005 7.659 11.005 | 5S | 3 m 47 | 6 <u>₽</u> 42 | 9m.43 | 9 ₹ 02 | 6중10 | 4 m 52 | 7 <u>₽</u> 49 | 10 ML46 | 9 z 159 | 7중05 | 5 m 56 | 8₽56 | 11 m 48 | 10 ₹ 55 | 8500 |
| SS 39.56 GA48 100,34 9.48 6634 49.40 7.656 1119,38 10.445 7.752 59.45 9.040 120,42 110,53 39.26 6.655 110,10 10.753 6.655 49.33 8.01 120,14 11,717 7.845 59.83 9.10 130,00 111,18 39.24 6.655 110,28 10.736 6.655 49.33 8.01 120,33 11,733 7853 59.44 9.13 130,00 11,18 39.44 6.655 110,28 10.736 6.655 49.25 8.007 120,33 11,733 7853 59.44 9.13 130,00 11,18 39.16 7.000 120,06 110,85 7516 49.25 8.007 120,53 11,749 8.000 59.30 9.16 130,157 12,18 130,30 130,30 14,18 39.17 7.000 120,55 11,725 7.750 49.25 8.007 120,52 11,749 8.000 59.30 9.16 130,157 12,18 130,30 130,11 12,760 8.851 59.23 9.24 140,37 12,18 130,30 13 | 6S | | | | | 6궁18 | - | | | 10 ₮ 14 | 7중13 | | | | 11 🗷 11 | 8088 |
| SS 3,922 6.6.50 10.11.52 10.704 6642 49.37 7.6.59 11.11.56 11.701 773.7 59.42 9.0.07 13.0.07 11.018 30.28 6.6.55 11.11.01 10.720 6655 49.39 8.041 12.11.31 11.71 77845 59.38 9.010 13.11.01 12.11 12.11 13.39 13.33 13.33 14.12 13.39 14.11 13.39 14.11 13.39 14.11 13.39 14.11 13.39 14.11 13.39 14.11 13.39 14.11 | | | | | | | | | | | | | | | 11 7 27 | 8중16 |
| 188 3 28 | | | | | | | | | | | | | | | 11 ₹ 42 11 ₹ 58 | 8 3 24 8 3 32 |
| 188 3m 24 | | | | | | | | | | | | | | | 12 🗷 14 | 8340 |
| 188 3 m 16 7 A D | | | | | | | , , | | | | | | | | 12×14 | 8348 |
| 1485 3 m 1 | | | | 11 m 47 | 10∡52 | 7중06 | | 8≏07 | | 11 ≉ 49 | | | 9 ≙ 16 | 13 m 57 | 12 ₹ 47 | 8중56 |
| 158 | | | | | | | | | | | | | | | 13 🗷 03 | 9정05 |
| 168 | | | | | | | | | | | | | | | 13 🗷 20 | 9중13 |
| 178 2 m 5 8 7 m 4 7 m 5 7 m 4 7 m 5 7 m 4 7 m 5 7 m 4 7 m 5 7 m 6 7 m 5 7 m 6 7 m 5 7 m 6 7 m 5 7 m 6 7 m | | - | | | | | - | | | | | | | | 13 ₹ 37 13 ₹ 54 | 9 궁 21 9 궁 30 |
| 1985 | | | | | | | - | | | | | | | | 14 🗷 11 | 9중38 |
| 205 | 18S | 2 m 54 | 7 2 12 | 13 m.47 | 12 ₹ 34 | 7중57 | 4 m 00 | 8 2 24 | 14m55 | 13 ₹ 31 | 8중52 | 5 mg 06 | 9 ≙ 36 | 16m.02 | 14 ₹ 29 | 9 ਰ 47 |
| 218 279 40 7420 14m.54 13x28 824 3m.47 86.34 16m.03 14x25 9719 4m.54 94.47 17m.11 15 12 12 12 12 12 12 | | 2 m/49 | 7 🕰 15 | 14m.09 | | | 3 m, 56 | 8 ≏ 27 | 15 m.17 | | | 5 mg 02 | 9₾39 | 16m24 | 14 ∡ 46 | 9중56 |
| 228 2m35 7m26 15m18 13x46 833 3m42 8m37 16m27 14x44 9728 4m49 9m51 17m35 12m35 12m35 12m35 14x05 8742 3m33 8m42 15m18 15x26 9m55 18m00 16 22m25 7m29 16m07 14x25 8752 3m33 8m44 17m17 15x23 9747 4m40 9m59 18m26 16 258 2m20 7m32 16m33 14x44 9m01 3m28 8m48 17mm3 15x42 9756 4m35 10m03 18m52 16 2m55 2m57 7m39 17m26 15x05 9m11 3m28 8m48 17mm3 15x42 9756 4m30 10m07 19m19 17m27 2m50 2m50 4m30 10m07 10m19 17m27 2m50 2m50 4m30 4m30 10m07 10m19 17m27 2m50 2m50 4m30 4m30 10m07 10m10 2m50 | | | | | | | | | | | | | - | | 15 × 05 | 10중05 |
| 288 2m30 7a26 15m42 14x05 8852 3m37 8a40 16m.51 15x03 9837 4m45 9a55 18m.00 16 288 2m20 7a32 16m.33 14x25 8852 3m33 8a44 17m.17 15x23 9847 4m40 9a59 18m.26 16 288 2m15 7a36 16m.59 15x05 9811 3m23 8a51 18m.09 16x03 10806 4m30 10a07 19m.19 17 278 2m10 7a39 17m.26 15x25 9821 3m18 8a55 18m.37 16x23 10816 4m20 10a16 20m.16 17 288 2m04 7a42 17m.55 15x46 9831 3m12 8a59 19m.06 16x44 10d26 4m20 10a16 20m.16 17 298 1m59 7a46 18m.24 16x08 9842 3m07 9a04 19m.55 17x06 10836 4m15 10a21 20m.46 18 308 1m53 7a50 18m.54 16x30 9852 3m01 9a08 20m.06 17x28 10847 4m10 10a26 21m.17 18 318 1m47 7a54 19m.55 17x16 10814 2m50 9a17 21m.10 18x14 11808 3m59 10a36 22m.57 3385 1m35 8a02 20m.32 17x44 10825 2m44 9a22 21m.45 18x38 11813 3m41 10a53 22m.57 3385 1m28 8a06 21m.07 18x04 10837 2m38 9a22 22m.57 19x27 11843 3m41 10a53 24m.10 22m.57 3m38 1m00 8a25 23m.43 19x50 11862 2m11 2m43 3m53 10a42 22m.57 3m38 1m00 8a25 23m.43 19x50 11262 2m11 2m49 24m.15 20x20 1267 3m28 11a00 24m.49 26 25 2m44 2x 2x 2x 2x 2x 2x 2x | | | | | | | | | | | | | | | 15 ₹ 23 15 ₹ 42 | 10중14 10중23 |
| 258 2 2 2 2 2 2 3 16 13 14 14 9 9 1 3 2 8 8 48 17 17 43 15 2 4 9 5 6 4 3 5 10 4 3 10 4 10 10 2 10 10 10 10 10 | | | | | | | | | | | | , | | | 16 \$7 01 | 10323 |
| 268 2m 15 | 24S | 2 m/25 | 7 ≏ 29 | 16m07 | 14 ≉ 25 | 8중52 | 3 m/ 33 | 8 ≏ 44 | 17 m 17 | 15 ₹ 23 | 9궁47 | 4 m/40 | 9ჲ59 | 18m26 | 16 ₹ 20 | 10중41 |
| 278 2m 0 | 25S | 2 m/20 | | | 14 🗷 44 | | 3 m/28 | 8 ≏ 48 | 17 m.43 | 15 ₹ 42 | | 4 m/ 35 | 10 ₾ 03 | 18m.52 | 16 ₹ 40 | 10중51 |
| 288 2mp04 7.442 17m.55 15.946 9531 3mp12 8a.59 19m.06 16.944 10526 4mp20 10.046 20m.16 17.298 1mp59 7.046 18m.24 16.908 9542 3mp07 9.044 19m.35 17.976 10736 4mp15 10.021 20m.46 18m.34 16.930 9552 3mp01 9.088 20m.06 17.9728 10747 4mp04 10.026 21m.17 18.318 1mp47 7.0454 19m.25 16.953 10.0403 2mp56 9.012 20m.38 17.951 10.057 4mp04 10.021 21m.40 18.338 1mp58 8.002 20m.32 17.940 10.0252 2m44 9.022 21m.45 18.948 11.698 3mp59 10.046 22m.22 13.388 1mp28 8.006 21m.07 18.904 10637 2mp38 9.027 22m.20 19.902 11631 3mp47 10.047 23m.33 23m.35 1mp28 8.006 23m.01 19.922 11631 3mp47 10.047 23m.33 23m.35 1mp15 8.015 23m.01 19.922 11631 2mp18 9.043 24m.15 20.920 11631 3mp47 10.047 23m.33 23m.35 1mp08 8.020 23m.01 19.922 11631 2mp18 9.043 24m.15 20.920 11631 3mp41 10.053 24m.10 22m.35 2mp48 24m.15 20.920 21.607 3mp28 11.006 25m.29 22m.21 23m.35 2mp38 | | | | | | | | | | | | | | | 17 ₹ 00 | 11300 |
| 298 | | | | | | | | | | | | | | | 17 ₹21 17 ₹42 | 11궁10 11궁20 |
| 31S | | | | | | | | | | | | | | | 18 🗷 04 | 11331 |
| 31S | 30S | 1 m ₂ 53 | 7₽50 | 18m.54 | 16∡30 | 9중52 | 3 m 01 | 9ჲ08 | 20 m 06 | 17∡28 | 10중47 | 4 m 10 | 10≏26 | 21 m 17 | 18∡26 | 11중41 |
| 338 1 m 35 | | 1 m/47 | | | | | | | 20m38 | | | | | | 18 ₹ 48 | 11궁52 |
| 348 | | | | | | | | | | | | | | | 19 🗷 11 | 12중03 |
| 358 1 m 22 | | | | | | | | | | | | | | | 19 ₹35 20 ₹00 | 12궁14 12궁25 |
| 368 | | | | | | | | | | | | | | | 20 × 25 | 12837 |
| 388 1 m 00 | | | | | | | | | | | | | | | 20×23 20×31 | 12849 |
| 39S 0 m 53 | | | | | | | | | | | | | | | 21 🗷 18 | 13중01 |
| 40S 0 m 45 | | | | | | | | | | | | | | | 21 ₹ 45 22 ₹ 14 | 13중14 13중27 |
| 41S | | | | | | | | | | | | | | | 22 🖈 43 | 13827 |
| 42S 0 m 28 8 m 49 26 m 50 21 x 50 12 \tag{2}1 1 m 39 10 m 16 28 m 06 22 x 48 13 \tag{5}15 2 m 51 11 m 44 29 m 21 22 \tag{4}35 0 m 19 8 m 55 27 m 43 22 x 23 12 \tag{5}36 1 m 31 10 m 24 28 m 59 23 x 21 13 \tag{6}30 2 m 43 11 m 53 0 x 14 24 \tag{4}48 0 m 10 9 m 02 28 m 38 22 x 58 12 \tag{5}2 1 m 22 10 m 32 29 m 55 23 x 55 13 \tag{6}46 2 m 34 12 m 02 1 x 10 24 \tag{5}5 0 m 00 9 m 10 29 m 37 23 x 33 13 \tag{6}8 1 m 12 10 m 41 0 x 54 24 x 31 14 \tag{6}02 2 m 25 12 m 12 2 x 09 25 \tag{6}468 29 \tag{6}50 9 m 18 0 x 39 24 x 11 13 \tag{6}25 1 m 03 10 m 50 1 x 56 25 x 08 14 \tag{6}18 2 m 16 12 m 23 3 x 11 26 \tag{6}478 29 \tag{6}39 9 m 27 1 x 45 24 x 50 13 \tag{4}3 0 m 52 11 m 00 3 x 02 25 x 47 14 \tag{6}36 2 m 06 12 m 34 4 x 17 26 \tag{6}488 29 \tag{6}48 9 m 36 2 x 55 25 x 30 14 \tag{0}10 0 m 41 11 m 11 4 x 11 26 x 27 14 \tag{5}54 1 m 55 12 m 44 5 x 24 x 50 25 x 28 \tag{6}498 29 \tag{1}6 9 m 46 4 x 09 26 x 13 14 \tag{2}0 0 m 30 11 m 22 5 x 25 27 x 10 15 \tag{1}3 1 m 44 12 m 55 12 m 46 28 \tag{5}59 28 \tag{5}518 28 \tag{5}510 10 m 08 6 x 52 27 x 45 15 \tag{0}10 0 m 05 11 m 48 8 x 80 28 x 41 15 \tag{5}54 1 m 20 13 m 248 9 x 22 25 \tag{5}528 28 \tag{3}6 10 m 20 8 x 21 28 x 35 15 \tag{2}3 29 \tag{5}51 12 m 03 10 m 05 11 m 44 12 m 16 13 m 24 10 x 50 13 m 44 10 x 50 13 m 44 12 m 50 13 m 44 13 m 45 13 m 44 13 m 45 13 m 45 | | | | | | | | | | | | | | | 22 x 43 23 x 14 | 13854 |
| 44S | 42S | | | | 21 ∡ 50 | | | | | 22 ∡ 48 | 13중15 | | | | 23 ₹ 45 | 14궁09 |
| 45S 0 m 00 9 m 10 29 m 37 23 x 33 1 3 d 8 1 m 12 10 m 41 0 x 54 24 x 31 1 4 d 02 2 m 25 12 m 16 12 m 23 3 x 11 2 d x 39 24 x 11 1 3 d 25 1 m 03 10 m 50 1 x 56 25 x 08 1 4 d 18 2 m 16 12 m 23 3 x 11 2 d x 39 47S 29 m 39 9 m 27 1 x 45 24 x 50 13 d 3 0 m 52 11 m 00 3 x 02 25 x 47 1 d 36 2 m 16 12 m 23 3 x 11 2 d 3 48S 29 m 28 9 m 36 2 x 55 25 x 30 1 d 30 0 m 41 11 m 11 4 x 11 2 d x 27 1 d 54 1 m 55 1 d 2 m 44 4 x 17 2 d x 27 49S 29 m 03 9 m 46 4 x 09 2 d x 13 1 d 20 0 m 30 11 m 22 5 x 25 2 7 x 10 1 5 d 31 1 m 44 1 m 25 9 6 x 40 2 8 50S 29 m 03 9 m 56 5 x 28 2 d x 35 1 d 40 0 m 18 11 m 25 | | | | | | | | | | | | | | | 24 🗷 18 | 14324 |
| 46S 29£050 9£18 0x39 24x11 13525 1 m03 10£50 1x56 25x08 14518 2 m16 12£23 3x11 26 47S 29£039 9£27 1x45 24x50 13543 0 m52 11£00 3x02 25x47 14536 2m06 12£34 4x17 26 48S 29£28 9£36 2x55 25x30 14501 0 m41 11£11 4x11 26x27 1454 1m55 12£46 5x27 27 49S 29£16 9£46 4x09 26x13 14520 0 m30 11£22 5x25 27x10 15513 1m44 12£59 6x40 28 50S 29£03 9£56 5x28 26x58 14540 0 m18 11£35 6x44 27x54 15533 1 m33 13£13 7x59 28 51S 28£35 15520 27x45 12£03 9x37 29x30 16515 1 m07 13£45 10x50 0 0 | - 1 | | | | | | | | | | | | | | 24 ₹ 52 | 14339 |
| 47S 29\text{0.339} 9\text{0.27} 1\text{0.45} 24\text{0.50} 13\text{0.43} 0\text{0.52} 11\text{0.00} 3\text{0.02} 25\text{0.47} 14\text{0.65} 2\text{0.64} 4\text{0.71} 26\text{0.45} 25\text{0.48} 24\text{0.50} 13\text{0.43} 0\text{0.52} 11\text{0.00} 3\text{0.02} 25\text{0.47} 14\text{0.66} 2\text{0.64} 4\text{0.77} 26\text{0.44} 25\text{0.48} 14\text{0.00} 0\text{0.41} 11\text{0.11} 4\text{0.11} 26\text{0.47} 14\text{0.54} 1\text{0.55} 12\text{0.46} 5\text{0.27} 27\text{0.27} 49S 29\text{0.16} 9\text{0.46} 4\text{0.79} 26\text{0.41} 14\text{0.20} 0\text{0.70} 11\text{0.22} 5\text{2.57} 27\text{0.11} 15\text{0.15} 1\text{0.15} 1\t | | | | | | | | | | | | | | | 25 ₹ 27 26 ₹ 04 | 14궁55 15궁12 |
| 49S 29 \(\overline{0.00}\) 16 9 \(\overline{0.00}\) 40 4 \(\overline{0.00}\) 90 14 \(\overline{0.00}\) 20 11 \(\overline{0.00}\) 20 27 \(\overline{0.00}\) 11 15 \(\overline{0.00}\) 12 15 \(\overline{0.00}\) 13 1 \(\overline{0.00}\) 40 12 \(\overline{0.00}\) 52 27 \(\overline{0.00}\) 12 15 \(\overline{0.00}\) 30 11 \(\overline{0.00}\) 22 27 \(\overline{0.00}\) 30 11 \(\overline{0.00}\) 30 12 \(\overline{0.00}\) 30 11 \(\overline{0.00}\) 30 12 \(\overline{0.00}\) 3 | | | | | | | | | | | | | _ | | 26×43 | 15829 |
| 50S 29 03 9 05 5 ×28 26 ×58 14 ×40 0 m 18 11 05 6 ×44 27 ×54 15 ×33 1 m 33 13 013 7 × 59 28 51S 28 050 10 08 6 ×52 27 × 45 15 × 01 0 m 05 11 048 8 × 08 28 × 41 15 × 54 1 m 20 13 028 9 × 22 29 52S 28 036 10 0 20 8 × 21 28 × 35 15 × 23 29 051 12 03 9 × 37 29 × 30 16 × 15 1 m 07 13 045 10 × 50 0 53S 28 021 10 0 34 9 × 57 29 × 27 15 × 46 29 0 37 12 0 18 11 × 12 0 × 22 16 × 39 0 m 53 14 0 3 12 × 24 13 × 24 14 × 40 0 × 23 16 × 31 29 0 21 12 0 3 12 × 53 1 × 17 1 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × | 48S | 29 A 28 | | | | 14궁01 | 0 m 41 | | 4 <i>₹</i> 11 | | 14궁54 | 1 m, 55 | 12 △ 46 | | 27 × 23 | 15847 |
| 51S 28 \(\otimes \) 50 10 \(\otimes \) 08 6 \(\sigma \) 52 27 \(\sigma \) 45 15 \(\otimes \) 01 0 \(\otimes \) 05 11 \(\otimes \) 48 8 \(\sigma \) 08 28 \(\sigma \) 41 15 \(\otimes \) 53 10 \(\otimes \) 63 10 \(\otimes \) 23 15 \(\otimes \) 23 29 \(\otimes \) 51 12 \(\otimes \) 03 9 \(\sigma \) 37 29 \(\sigma \) 30 16 \(\otimes \) 15 1 \(\otimes \) 07 13 \(\otimes \) 24 10 \(\sigma \) 50 0 53S 28 \(\otimes \) 10 \(\otimes \) 48 11 \(\sigma \) 40 00 \(\otimes \) 23 16 \(\otimes \) 11 29 \(\otimes \) 21 12 \(\otimes \) 36 12 \(\otimes \) 53 10 \(\otimes \) 53 10 \(\otimes \) 43 14 \(\otimes \) 00 12 \(\otimes \) 23 16 \(\otimes \) 12 \(\otimes \) 53 10 \(\otimes \) 17 17 \(\otimes \) 33 14 \(\otimes \) 23 16 \(\otimes \) 12 \(\otimes \) 55 14 \(\otimes \) 41 25 \(\otimes \) 43 14 \(\otimes \) 23 15 \(\otimes \) 27 26 \(\otimes \) 43 17 \(\otimes \) 33 17 \(\otimes \) 43 28 \(\otimes \) 47 13 \(\otimes \) 13 \(\otimes \) 23 17 \(\otimes \) 43 18 \(\otimes \) 43 18 \(\otimes \) 43 18 \(\otims \) 43 18 \(\otimes \) 43 18 | - 1 | | | | | | | | | | | | | | 28 ∡ 06 | 16궁06 |
| 52S 28 \(\alpha 36 \) 10 \(\alpha 20 \) 8 \(\alpha 21 \) 28 \(\alpha 35 \) 15 \(\alpha 23 \) 29 \(\alpha 57 \) 29 \(\alpha 37 \) 12 \(\alpha 30 \) 9 \(\alpha 37 \) 29 \(\alpha 30 \) 16 \(\alpha 15 \) 1 \(\alpha 07 \) 13 \(\alpha 45 \) 10 \(\alpha 50 \) 0 53S 28 \(\alpha 05 \) 10 \(\alpha 48 \) 11 \(\alpha 40 \) 0 \(\alpha 22 \) 15 \(\alpha 46 \) 29 \(\alpha 37 \) 12 \(\alpha 18 \) 11 \(\alpha 12 \) 0 \(\alpha 22 \) 14 \(\alpha 05 \) 22 16 \(\alpha 13 \) 0 \(\alpha 22 \) 14 \(\alpha 05 \) 25 27 \(\alpha 48 \) 11 \(\alpha 05 \) 12 \(\alpha 25 \) 12 \(\alpha 55 \) 12 \(\alpha 15 \) 12 \(\alpha 55 \) 1 | | | | | | | | | | | | | | | 28 ₹ 50 29 ₹ 36 | 16 궁 26 16 궁 46 |
| 538 28 \(\alpha 21 \) 10 \(\alpha 34 \) 9 \(\sigma 57 \) 29 \(\alpha 27 \) 15 \(\alpha 46 \) 29 \(\alpha 37 \) 12 \(\alpha 18 \) 11 \(\sigma 12 \) 0 \(\alpha 22 \) 16 \(\alpha 39 \) 12 \(\alpha 24 \) 12 \(\alpha 23 \) 12 \(\alpha 25 \) 12 \(\alpha 23 \) 12 \(\alpha 25 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 23 \(16 \) 14 \(\alpha 41 \) 14 \(\alpha 42 \) 14 \(\alpha 42 \) <th></th> <th>29×36 0중25</th> <th>16546</th> | | | | | | | | | | | | | | | 29×36 0중25 | 16 5 46 |
| 55S 27 \(\text{A48} \) 11 \(\text{D} \) 13 \(\text{Z} \) 16 \(\text{Z} \) 29 \(\text{A} \) 12 \(\text{D} \) 14 \(\text{Z} \) 14 \(\text{Z} \) 14 \(\text{Z} \) 17 \(\text{Z} \) 3 \(\text{Z} \) 3 \(\text{Z} \) 14 \(\text{Z} \) 17 \(\text{Z} \) 0 \(\text{M} \) 15 \(\text{D} \) 15 \(\text{Z} \) 3 \(\text{Z} \) 3 \(\text{Z} \) 17 \(\text{Z} \) 4 \(\text{Z} \) 4 \(\text{Z} \) 17 \(\text{Z} \) 4 \(\text{Z} \) 4 \(\text{Z} \) 18 \(\text{Z} \) 29 \(\text{A} \) 15 \(\text{D} \) 3 \(\text{Z} \) 3 \(\text{Z} \) 18 \(\text{Z} \) 29 \(\text{A} \) 15 \(\text{D} \) 3 \(\text{Z} \) 29 \(\text{A} \) 15 \(\text{D} \) 3 \(\text{Z} \) 17 \(\text{Z} \) 3 \(\text{Z} \) 3 \(\text{Z} \) 18 \(\text{Z} \) 29 \(\text{A} \) 15 \(\text{D} \) 3 \(\text{Z} \) 19 \(\text{Z} \) 29 \(\text{A} \) 15 \(\text{D} \) 3 \(\text{Z} \) 11 \(\text{D} \) 3 \(\text{Z} \) 11 \(\text{L} \) 3 \(\text{L} \) | 53S | 28⋒21 | 10≗34 | 9₹57 | 29 ₹ 27 | 15궁46 | 29 A 37 | 12 ≏ 18 | 11 ∡ 12 | 0る22 | 16중39 | 0 m 53 | 14 ₾ 03 | 12 ₹ 24 | 1중17 | 17ਰ31 |
| 56S 27.029 11.023 15.27 2524 17504 28.047 13.016 16.237 3518 17556 0 m 05 15.08 17.247 257S 27.009 11.043 17.233 3531 17534 28.028 13.039 18.242 4524 18525 29.047 15.034 19.249 558S 26.048 12.066 19.248 4543 18505 28.007 14.05 20.255 5535 18556 29.027 16.04 22.200 60S 25.059 13.01 24.249 7522 19515 27.020 15.09 25.250 8511 20505 28.042 17.016 26.250 55 | 54S | 28£05 | 10≗48 | 11 ∡ 40 | 0중23 | 16중11 | | 12≗36 | 12 ₹ 53 | 1중17 | 17중03 | 0 mg 38 | 14≗22 | 14∡05 | 2중12 | 17중55 |
| 57S 27 \(\text{R} 09 \) 11 \(\text{L} 43 \) 17 \(\text{x} 33 \) 3\(\text{S} 31 \) 17 \(\text{S} 34 \) 28 \(\text{R} 28 \) 18 \(\text{x} 42 \) 4\(\text{S} 24 \) 18 \(\text{S} 25 \) 29 \(\text{R} 47 \) 15 \(\text{L} 34 \) 19 \(\text{x} 49 \) 58S 26 \(\text{R} 48 \) 12 \(\text{L} 06 \) 19 \(\text{x} 48 \) 4\(\text{S} 43 \) 18 \(\text{S} 05 \) 28 \(\text{R} 07 \) 14 \(\text{L} 05 \) 5\(\text{S} 55 \) 5\(\text{S} 35 \) 18 \(\text{S} 56 \) 29 \(\text{R} 07 \) 16 \(\text{L} 04 \) 22 \(\text{x} 00 \) 6 59S 26 \(\text{R} 24 \) 12 \(\text{L} 31 \) 22 \(\text{x} 13 \) 5\(\text{S} 59 \) 18 \(\text{S} 39 \) 27 \(\text{R} 45 \) 14 \(\text{L} 35 \) 23 \(\text{x} 17 \) 6\(\text{S} 50 \) 19 \(\text{S} 29 \) 29 \(\text{R} 05 \) 16 \(\text{L} 38 \) 24 \(\text{x} 20 \) 7 60S 25 \(\text{R} 59 \) 13 \(\text{L} 01 \) 24 \(\text{x} 49 \) 7 \(\text{C} 22 \) 19 \(\text{B} 15 \) 27 \(\text{R} 20 \) 15 \(\text{L} 09 \) 25 \(\text{x} 50 \) 8 \(\text{B} 11 \) 20 \(\text{B} 04 \) 17 \(\text{L} 16 \) 26 \(\text{x} 50 \) 9 | | | | | | | | | | | | | | | 3중09 | 18320 |
| 58S 26 \(0.48 \) 12 \(\odd{\odd{\odd{\odd{\odd{\odd{\odd | | | | | | | | | | | | | | | 4명11 5명16 | 18 궁 47 19 궁 16 |
| 59S 26\text{0.24} 12\text{0.31} 22\text{13} 5\text{0.59} 18\text{0.39} 27\text{0.45} 14\text{0.35} 23\text{17} 6\text{0.50} 19\text{0.29} 29\text{0.05} 16\text{0.38} 24\text{0.20} 7 60S 25\text{0.59} 13\text{0.01} 24\text{0.49} 7\text{0.22} 19\text{0.15} 27\text{0.20} 15\text{0.90} 25\text{0.50} 8\text{0.11} 20\text{0.05} 28\text{0.42} 17\text{0.16} 26\text{0.50} 9 | | | | | | | | | | | | | | | 6 중 26 | 19810 |
| | | | | | | | | | | | | | | | 7중41 | 20중20 |
| 618 25,031 13, <u>034 27,235 8,851 19855 26,053 15,048 28,233 9839 20844 28,016 18,011 29,229 16</u> | | | | | | | | | | 1 | 20중05 | | 17≗16 | | 9 궁 01 | 20궁55 |
| | | 25 A 31 | 13 ₾ 34 | 27 🗷 35 | 8중51 | 19궁55 | 26 253 | 15 △ 48 | 28 🗷 33 | 9중39 | 20344 | 28 16 | 18 2 01 | 29 🗷 29 | 10327 | 21333 |
| | | | | | | | | | | 1 | | | | | 12る00 13る42 | 22 궁 15 23 궁 01 |
| | | | | | | | | | | | | | | | 15で42 15で32 | 23 중 51 |
| | - 1 | | | | | | | | | | | | | | 17중32 | 24347 |
| 66S 22Q10 18\pred30 14\forall 25 18\forall 32 24\forall 22 23Q40 21\pred32 14\forall 56 19\forall 08 25\forall 25\pred12 25\pred12 24\pred33 15\forall 28 19\forall 19 | | | | 14궁25 | 18중32 | | 23 № 40 | | | 1 | 25중05 | | | 15중28 | 19344 | 25중49 |
| pc 21037 19\(\text{230}\) 16\(\text{335}\) 19\(\text{356}\) 25\(\text{302}\) 23\(\text{009}\) 22\(\text{242}\) 17\(\text{303}\) 20\(\text{229}\) 25\(\text{345}\) 24\(\text{042}\) 25\(\text{253}\) 17\(\text{331}\) 21 | рс | 21 Ω37 | 19≗30 | 16중35 | 19중56 | 25중02 | 23 209 | 22 ≏ 42 | 17중03 | 20궁29 | 25845 | 24 \$\alpha 42\$ | 25 ₾ 53 | 17중31 | 21중03 | 26궁28 |

| | Sid.Tir MC: | | 6m AR 66'39 | MC: 12 | 9°00' | Sid.Tir MC: | | 0m AR 5'28 | MC: 13 | 30°00' | Sid.Tir MC: | ne: 8h4 8Ω3 | 4m AR 34'27 | RMC: 13 | 31°00' |
|------------|----------------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|--|----------------------------------|--------------------------------|----------------------------------|----------------------------------|--|----------------------------------|-------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7 mg 17 | 9 ≙ 47 | 11 m 25 | 10 ≉ 35 | 8중16 | 8 m/21 | 10 - 52 | 12 m 26 | 11 ≉ 32 | 9 ଟ 11 | 9 m 25 | 11 ≏ 57 | 13 m.27 | 12 ₹ 28 | 10궁06 |
| 1S 2S | 7 mp 14 7 mp 11 | 9 <u>요</u> 50 9 <u>요</u> 53 | 11 m. 42 11 m. 59 | 10∡51 11∡06 | 8 군 23 8 군 31 | 8 mp 18 8 mp 15 | 10⊕56 10⊕59 | 12 m. 43 13 m. 00 | 11 ∡ 47 12 ∡ 02 | 9 3 19 9 3 27 | 9 mg 22 9 mg 19 | 12 <u>0</u> 01 | 13 m. 44 14 m. 02 | 12 ₹ 43 12 ₹ 58 | 10중14 10중22 |
| 3S | 7 mg 07 | 9₽56 | 12m.16 | 11 🗷 21 | 8중39 | 8 mg 12 | 11 <u>0</u> 02 | 13 m 18 | 12×02 | 9834 | 9 mg 16 | 12 = 04 | 14m.19 | 12 x 38 | 10822 |
| 4 S | 7 m 04 | 9₫59 | 12 m 33 | 11 ≉ 37 | 8ব47 | 8 m, 08 | 11 ≏ 06 | 13 m 35 | 12 ₹ 33 | 9중42 | 9 m 13 | 12 ₾ 12 | 14m.37 | 13 ₹ 29 | 10중38 |
| 5S | 7 mg 01 | 10 ⊆ 02 | 12m.51 | 11 ₹ 52 | 8중55 | 8 mg 05 | 11 ≏ 09 | 13 m 53 | 12∡48 | 9궁50 | 9 mg 10 | 12 ₾ 16 | 14m.55 | 13 ∡ 45 | 10중46 |
| 6S | 6 m 57 | 10 ₾ 05 | 13 m 09 | 12 ₹ 08 | 9중03 | 8 m, 02 | 11 <u>□</u> 12 | 14m.11 | 13 ~ 04 | 9중58 | 9 m 07 | 12 - 19 | 15 m 14 | 14×101 | 10중53 |
| 7S 8S | 6 m 54 6 m 50 | 10 △ 09 | 13 m. 27 13 m. 45 | 12 ₹ 23 12 ₹ 39 | 9 궁 11 9 궁 19 | 7 m ₂ 59 7 m ₂ 55 | 11 <u>□</u> 16 | 14 m 30 14 m 48 | 13 ∡ 20 13 ∡ 36 | 10중06 10중14 | 9 mg 04 9 mg 00 | 12 ≘ 23 | 15 m. 32 15 m. 51 | 14 x 16 14 x 32 | 11 궁 01 |
| 9S | 6 mg 47 | 10 - 12 | 14m.04 | 12 🛪 55 | 9 ප 27 | 7 m/ 52 | 11 <u>□</u> 23 | 15 m 07 | 13 🗷 52 | 10314 | 8 m 57 | 12 <u>0</u> 31 | 16m.11 | 14 🗷 48 | 11317 |
| 10S | 6 mg 43 | 10 ≏ 18 | 14 m 23 | 13 ∡ 11 | 9중35 | 7 mp 48 | 11 ≏ 27 | 15 m.27 | 14∡08 | 10중30 | 8 mp 54 | 12 ₾ 35 | 16m30 | 15 ₹ 04 | 11325 |
| 11S | 6 mg 39 | 10≏22 | 14m42 | 13 ∡ 27 | 9 궁 43 | 7 m/45 | 11 ≏ 31 | 15 m 46 | 14∡24 | 10중38 | 8 m ₂ 51 | 12 ≏ 39 | 16m50 | 15 ₹ 21 | 11중33 |
| 12S 13S | 6 mg 36 | 10 <u>a</u> 25 | 15 m. 02 15 m. 22 | 13 ∡ 44 14 ∡ 00 | 9 궁 51 10 궁 00 | 7 m 42 | 11 ≏ 35 | 16m06 | 14 7 40 | 10346 | 8 m 47 | 12 <u>0</u> 44 | 17m.10 | 15 7 37 | 11중41 11중50 |
| 14S | 6 mg 32 6 mg 28 | 10 € 29 | 15 m 42 | 14×100 | 10808 | 7 m, 38 7 m, 34 | 11 2 38 | 16m27 16m47 | 14 ₹ 57 15 ₹ 14 | 10중55 11중03 | 8 mg 44 8 mg 41 | 12 12 12 13 | 17m31 17m52 | 15 ₹ 54 16 ₹ 11 | 11858 |
| 15S | 6 m 25 | 10≏36 | 16m.03 | 14×134 | 10중16 | 7 m ₂ 31 | 11 ≏ 46 | 17 ML09 | 15×31 | 11211 | 8 m ₂ 37 | 12≗57 | 18m.14 | 16 <i>≱</i> 28 | 12306 |
| 16S | 6 m 21 | 10≗40 | 16m24 | 14∡51 | 10중25 | 7 m 27 | 11 ≙ 51 | 17 m 30 | 15 ∡ 48 | 11320 | 8 mg 34 | 13 ₾ 01 | 18m36 | 16 <i>≯</i> 45 | 12315 |
| 17S | 6 mg 17 | 10 ₾ 44 | 16m.46 | 15 ₹ 08 | 10중33 | 7 m 23 | 11 ₾ 55 | 17 m 52 | 16 <i>₹</i> 05 | 11328 | 8 m 30 | 13 ₾ 06 | 18m.58 | 17 ₹ 02 | 12323 |
| 18S 19S | 6 mp 13 6 mp 09 | 10⊕48 10⊕52 | 17m.09 17m.31 | 15 ₹ 26 15 ₹ 44 | 10궁42 10궁51 | 7 m, 20 7 m, 16 | 11 <u>⊕</u> 59 12 <u>⊕</u> 04 | 18 m 15 18 m 38 | 16∡23 16∡41 | 11중37 11중45 | 8 m, 27 8 m, 23 | 13 <u>□</u> 11 | 19m21 19m44 | 17 ₹ 20 17 ₹ 38 | 12 る 32 12 る 40 |
| 20S | 6 m ₂ 0 5 | 10 = 52 | 17 m 55 | 16 🗷 02 | 10명59 | 7 mg 10 | 12 🖴 04 | 19 m 02 | 16 🗷 59 | 11854 | 8 mg 19 | 13 € 13 | 20m.08 | 17×36 | 12849 |
| 21S | 6 mg 01 | 11 <u>0</u> 00 | 18m.19 | 16×02 | 11중08 | 7 mg 12 | 12 ⊆ 08 | 19 m 26 | 17×18 | 12803 | 8 mg 15 | 13 € 26 | 20 m 33 | 18 × 15 | 12 3 49 |
| 22S | 5 m 56 | 11 ₾ 04 | 18m.43 | 16×139 | 11궁17 | 7 m 04 | 12 △ 18 | 19m.51 | 17∡36 | 12312 | 8 mg 11 | 13 ₾ 31 | 20 m 58 | 18 ₹ 33 | 13중07 |
| 23S 24S | 5 m, 52 5 m, 48 | 11 <u>a</u> 09 | 19m09 19m34 | 16∡58 17∡18 | 11궁27 11궁36 | 7 m, 00 6 m, 55 | 12 <u>⊕</u> 22 12 <u>⊕</u> 27 | 20 m 16 20 m 43 | 17 <i>≱</i> 55 18 <i>≱</i> 15 | 12중21 12중31 | 8 mg 07 8 mg 03 | 13 <u>□</u> 36 | 21 m.24 21 m.51 | 18 ∡ 52 19 ∡ 12 | 13중16 13중25 |
| 25S | 5 m 43 | 11 <u>-</u> 13 | 20m.01 | 17 ≠ 38 | 11345 | 6 m 51 | 12 <u>0</u> 33 | 21 m 10 | 18 × 35 | 12840 | 7 m 59 | 13 <u>□</u> 12 | 22 m. 18 | 19 🗷 32 | 13835 |
| 26S | 5 mg 38 | 11 | 20m29 | 17× 58 | 11명55 | 6 mg 47 | 12 ⊆ 33 | 21 m 38 | 18 × 55 | 12850 | 7 m ₂ 55 | 13 = 47 | 22 m 46 | 19 × 52 | 13844 |
| 27S | 5 m/34 | 11 ≏ 28 | 20m.57 | 18 * 18 | 12궁05 | 6 m/42 | 12 △ 44 | 22 m 06 | 19∡16 | 12궁59 | 7 m 51 | 13 ₾ 59 | 23 m 15 | 20 ₹ 13 | 13궁54 |
| 28S 29S | 5 mg 29 5 mg 24 | 11 ⊕ 33 | 21 m.26 21 m.57 | 18 ₹ 39 19 ₹ 01 | 12중15 12중25 | 6 m ₂ 37 6 m ₂ 33 | 12 <u>0</u> 49 | 22 m 36 23 m 06 | 19∡37 19∡58 | 13중09 13중20 | 7 mg 46 7 mg 42 | 14 <u>0</u> 06 | 23 m. 45 24 m. 16 | 20 ₹34 20 ₹55 | 14궁04 14궁14 |
| 30S | 5 m) 19 | 11 <u>2</u> 36 | 22 m 28 | 19 🗷 23 | 12 3 23 | 6 m 28 | 13 ≘ 01 | 23 m 38 | 20 🗷 20 | 13830 | 7 mp 37 | 14 <u>0</u> 19 | 24 m 48 | 20 x 33 | 14824 |
| 31S | 5 mg 13 | 11 = 49 | 23 m 00 | 19 \$7 46 | 12명35 12명46 | 6 m 23 | 13 2 08 | 24 m 11 | 20 x 20 20 x 43 | 13830 | 7 m/ 32 | 14 <u>2</u> 19 | 25 m 21 | 21 × 40 | 14835 |
| 32S | 5 mg 08 | 11 ₾ 55 | 23 m 34 | 20 ₹ 09 | 12궁57 | 6 m 18 | 13 ₾ 14 | 24 m.45 | 21 ∡ 06 | 13중51 | 7 m/ 27 | 14 ₾ 33 | 25 m 55 | 22 ₹ 03 | 14궁46 |
| 33S 34S | 5 m 03 4 m 57 | 12 <u>0</u> 01 | 24 m 09 24 m 45 | 20 ₹ 33 20 ₹ 57 | 13 궁 08 13 궁 19 | 6 mg 12 6 mg 07 | 13 <u>₽</u> 21 | 25 m 20 25 m 56 | 21 ∡ 30 21 ∡ 54 | 14궁02 14궁14 | 7 m, 22 7 m, 17 | 14 <u>a</u> 40 | 26m30 27m07 | 22 ₹27 22 ₹51 | 14 궁 57 15 궁 08 |
| 35S | 4 mp 51 | 12 - 00 | 25 m 22 | 21 🗷 22 | 13중31 | 6 mp 01 | 13 - 2 5 | 26 m 34 | 22 🗷 19 | 14325 | 7 mg 11 | 14 ₾ 56 | 27 m 45 | 23 🗷 16 | 15중19 |
| 36S | 4 m/ 45 | 12 - 22 | 26m.01 | 21 🗷 48 | 13343 | 5 m 55 | 13 △ 43 | 27 m 13 | 22 × 45 | 14837 | 7 mg 06 | 15 205 | 28 m 24 | 23 × 42 | 15중31 |
| 37S | 4 m 38 | 12 - 29 | 26m.42 | 22 🗷 15 | 13중55 | 5 m/49 | 13 ₾ 51 | 27 m 54 | 23 🗷 12 | 14349 | 7 m, 00 | 15 ₾ 14 | 29 m 05 | 24×109 | 15843 |
| 38S 39S | 4 m 32 4 m 25 | 12 ♀ 36 12 ♀ 45 | 27 m. 24 28 m. 09 | 22 ∡ 42 23 ∡ 11 | 14궁08 14궁21 | 5 m/43 5 m/36 | 14요00 14요09 | 28 m 37 29 m 21 | 23 ₹ 39 24 ₹ 08 | 15 궁 02 15 궁 15 | 6 m 54 6 m 48 | 15 <u>⊕</u> 23 | 29 m.48 0 ≈ 33 | 24 ∡ 36 25 ∡ 04 | 15 궁 56 16 궁 09 |
| 40S | 4 m 18 | 12 <u>-</u> 13 | 28 m. 55 | 23 🗷 40 | 14중34 | 5 m ₂ 30 | 14 ⊆ 18 | 0.708 | 24 🗷 37 | 15828 | 6 mg 41 | 15 - 43 | 1×20 | 25 x 33 | 16중22 |
| 41S | 4 mg 11 | 13 ₾ 02 | 29 m 44 | 24 🗷 11 | 14348 | 5 m/ 23 | 14 28 | 0 ₹ 56 | 25 × 07 | 15842 | 6 m 35 | 15 = 43 | 2 ₹ 08 | 26×04 | 16중36 |
| 42S | 4 m 03 | 13 ₾ 11 | 0 ₹ 34 | 24 × 42 | 15중02 | 5 m, 15 | 14 ₾ 38 | 1 🗷 47 | 25 × 39 | 15중56 | 6 m 28 | 16 205 | 3 × 00 | 26 ₹ 35 | 16중50 |
| 43S 44S | 3 m 55 3 m 47 | 13 <u>a</u> 21 13 <u>a</u> 32 | 1 ₹ 28 2 ₹ 24 | 25 ₹ 15 25 ₹ 49 | 15중17 15중33 | 5 mg 08 5 mg 00 | 14 <u>₽</u> 49 15 <u>₽</u> 01 | 2 ∡ 41 3 ∡ 37 | 26 ∡ 11 26 ∡ 45 | 16중11 16중26 | 6 mg 21 6 mg 13 | 16 <u>₽</u> 17 | 3 ₹ 53 4 ₹ 49 | 27 ₹ 07 27 ₹ 41 | 17 る 04 17 る 19 |
| 45S | 3 mp 38 | 13 - 32 | 3 ₹ 23 | 26 ₹ 24 | 15중48 | 4 m ₂ 51 | 15 | 4 <i>x</i> ³36 | 27 × 20 | 16342 | 6 mg 05 | 16 ₾ 43 | 5×148 | 28 🗷 16 | 17중35 |
| 46S | 3 m/ 29 | 13 - 55 | 4 ₹ 25 | 27 ₹ 01 | 16중05 | 4 m 43 | 15 € 26 | 5 ₹ 38 | 27 ₹ 57 | 16궁58 | 5 m, 57 | 16≗57 | 6 <i>₹</i> 50 | 28 ₹ 52 | 17851 |
| 47S | 3 m 19 | 14 ₾ 07 | 5×31 | 27×39 | 16중22 | 4 m 34 | 15 △ 40 | 6 × 44 | 28 × 35 | 17315 | 5 m/48 | 17 ₾ 12 | 7×156 | 29 🗷 30 | 18중08 |
| 48S 49S | 3 m 09 2 m 59 | 14 <u>⊕</u> 21 14 <u>⊕</u> 35 | 6 ₹ 41 7 ₹ 54 | 28 ∡ 19 29 ∡ 01 | 16 궁 40 16 궁 59 | 4 m/24 4 m/14 | 15 ≏ 55 16 ≏ 11 | 7 ₹ 53 9 ₹ 07 | 29 ∡ 15 29 ∡ 56 | 17중33 17중51 | 5 m/ 39 5 m/ 29 | 17 ♀ 29 17 ♀ 46 | 9∡05 10∡18 | 0중10 0중51 | 18궁26 18궁44 |
| 50S | 2 mg 48 | 14 <u>0</u> 51 | 9 7 12 | 29 🗷 45 | 17중18 | 4 m ₂ 03 | 16-11 | 10×24 | 0중40 | 18311 | 5 mg 19 | 18 205 | 11 🗷 35 | 1중35 | 19303 |
| 51S | 2 m/36 | 15 △ 08 | 10∡35 | 0중31 | 17る39 | 3 m 52 | 16 ≏ 47 | 11 ≉ 46 | 1る26 | 18중31 | 5 m, 08 | 18≏26 | 12 ₹ 56 | 2る20 | 19궁23 |
| 52S | 2 m 23 | 15 2 26 | 12×02 | 1중20 | 18중00 | 3 m 40 | 17 ₾ 07 | 13 🗷 13 | 2중14 | 18352 | 4 m 56 | 18 🖴 48 | 14×23 | 3중08 | 19845 |
| 53S 54S | 2 m 10 1 m 56 | 15 ♀ 46 16 ♀ 08 | 13 ₹36 15 ₹15 | 2정11 3정05 | 18중23 18중47 | 3 m/27 3 m/13 | 17 ♀ 29 17 ♀ 54 | 14 ∡ 46 16 ∡ 24 | 3 군 05 3 군 59 | 19 궁 15 19 궁 38 | 4 m/44 4 m/31 | 19 <u>₽</u> 12 | 15 ₹ 55 17 ₹ 32 | 3중58 4중52 | 20중07 20중30 |
| 55S | 1 mg 40 | 16-32 | 17×101 | 4중03 | 19중12 | 2 m ₂ 59 | 18 - 20 | 18 🗷 09 | 4 공 55 | 20303 | 4 mp 17 | 20 ₾ 07 | 19 🗷 16 | 5정48 | 20중55 |
| 56S | 1 m 24 | 16₽59 | 18 ₹ 54 | 5중03 | 19궁39 | 2 m/43 | 18≏50 | 20 ₮ 01 | 5궁56 | 20중30 | 4 m 02 | 20 ₾ 40 | 21 ₹ 06 | 6궁47 | 21중21 |
| 57S | 1 m 06 | 17 <u>2</u> 29 | 20 \$755 | 6 궁 08 | 20 3 07 | 2 m 26 | 19 <u>₽</u> 22 | 22 × 00 | 6 궁 59 | 20중58 | 3 m 46 | 21 2 15 | 23 × 03 | 7 궁 50 | 21349 |
| 58S 59S | 0 mp 47 0 mp 26 | 18요02 18요40 | 23 ∡ 04 25 ∡ 21 | 7 당 17 8 당 31 | 20 3 37 21 3 10 | 2 m, 08 1 m, 48 | 19 ≙ 59 20 ≙ 41 | 24 ∡ 06 26 ∡ 21 | 8 궁 07 9 궁 20 | 21 궁 28 22 궁 00 | 3 m/29 3 m/10 | 21 <u>a</u> 55 22 <u>a</u> 41 | 25 द्र 08 27 द 20 | 8 궁 58 10 궁 09 | 22중18 22중50 |
| 60S | 0 mg 04 | 19ჲ23 | 27 ₹ 48 | 9중50 | 21중45 | 1 m/ 26 | 21 | 28 ₹ 45 | 10중38 | 22334 | 2 m 49 | 23 ₾ 32 | 29 ~ 41 | 11중26 | 23324 |
| 61S | 29 û 39 | 20 ≏ 12 | 0중25 | 11중15 | 22823 | 1 mg 02 | 22 ≏ 23 | 1중19 | 12중02 | 23중12 | 2 m 26 | 24 ₾ 32 | 2중11 | 12349 | 24중01 |
| 62S | 29Ω11 | 21 <u>△</u> 10 | 3 궁 11 | 12궁46 | 23 る 04 | 0 m 36 | 23 € 26 | 4 궁 01 | 13 る 32 | 23~52 24~36 | 2 m 01 | 25 ₾ 41 | 4정51 | 14궁17 | 24340 |
| 63S 64S | 28Ω41 28Ω06 | 22 <u>□</u> 18 23 <u>□</u> 41 | 6 궁 08 9 궁 15 | 14궁26 16궁14 | 23궁48 24궁38 | 0 m 07 29 £34 | 24 <u>₽</u> 41 26 <u>₽</u> 12 | 6 궁 54 9 궁 56 | 15 궁 09 16 궁 55 | 24중36 25중24 | 1 m ₂ 34 1 m ₂ 03 | 27 <u>a</u> 03 28 <u>a</u> 42 | 7 3 9 10 3 7 | 15 る 53 17 る 37 | 25 중 23 26 중 11 |
| 65S | 27Ω28 | 25 <u>□</u> 22 | 12332 | 18중12 | 25 공 32 | 28 N 57 | 28 <u>0</u> 05 | 13중09 | 18중51 | 26318 | 0 mg 28 | 0 m. 46 | 13345 | 19중29 | 27803 |
| 66S | 26⋒43 | 27 ≗ 32 | 15궁59 | 20중20 | 26중33 | 28 A 15 | 0m30 | 16중30 | 20궁56 | 27중17 | 29 Ω48 | 3 m. 25 | 17중01 | 21중32 | 28중01 |
| pc | 26Ω15 | 29 △ 04 | 17る59 | 21중37 | 27중11 | 27 Ω 49 | 2 m 13 | 18궁27 | 22ਰ11 | 27854 | 29 22 | 5 m 22 | 18궁56 | 22345 | 28중37 |

| | Sid.Tir MC: | | 8m AR 3'37 | CMC: 13 | 2°00' | Sid.Tir MC: | | 2m AR 32'57 | MC: 13 | 3°00' | Sid.Tir MC: | ne: 8h50 11 <i>Ω</i> | 6m AR .32'28 | CMC: 13 | 4°00' |
|------------|--|----------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 10 m/29 | 13 ₾ 02 | 14m27 | 13 ≉ 24 | 11302 | 11 m/34 | 14≗07 | 15 m.27 | 14 ~ 19 | 11중57 | 12 m, 38 | 15 ₾ 12 | 16m27 | 15 ~ 15 | 12353 |
| 1S | 10 m/27 | 13 ₾ 06 | 14m45 | 13 ∡ 39 | 11궁09 | 11 mg 31 | 14≗11 | 15 m 45 | 14∡135 | 12号05 | 12 mg 36 | 15 ≏ 16 | 16m46 | 15 ₹ 31 | 13중00 |
| 2S | 10 m 24 | 13 ₾ 10 | 15 m 03 | 13 🗷 54 | 11317 | 11 m 28 | 14 ₾ 15 | 16m.03 | 14 🗷 50 | 12313 | 12 m 33 | 15 ₾ 21 | 17m.04 | 15 🗷 46 | 13중08 |
| 3S 4S | 10 mp 21 10 mp 18 | 13 <u>a</u> 14 | 15 m. 21 15 m. 39 | 14 ∡ 10 14 ∡ 25 | 11중25 11중33 | 11 m, 26 11 m, 23 | 14 <u>0</u> 20 | 16 m. 22 16 m. 40 | 15 ∡ 06 15 ∡ 21 | 12중21 12중28 | 12 m/30 12 m/28 | 15 <u>0</u> 25 | 17 m. 23 17 m. 41 | 16∡02 16∡17 | 13중16 13중24 |
| 5S | 10 mg 15 | 13 - 10 | 15 m 57 | 14 🗷 41 | 11중41 | 11 m ₂ 20 | 14.29 | 16 m 59 | 15 x 21 | 12336 | 12 m 25 | 15 € 35 | 18 m. 00 | 16 × 33 | 13832 |
| 6S | 10 mg 13 | 13 <u>2</u> 22 | 15 11637 16 116 | 14×'41 14×'57 | 11849 | 11 mp 17 | 14 <u>22</u> 29 | 17 m 18 | 15 x 57 | 12830 | 12 m 23 | 15 <u>4</u> 35 | 18 m 20 | 16 x 49 | 13 5 32 |
| 7S | 10 mg 09 | 13 ₾ 31 | 16m.35 | 15 🗷 13 | 11357 | 11 mg 14 | 14≗38 | 17 m 37 | 16×109 | 12중52 | 12 m 20 | 15 △ 45 | 18m.39 | 17 ₹ 05 | 13847 |
| 8S | 10 mg 06 | 13 ₾ 35 | 16m54 | 15∡29 | 12중05 | 11 mp 11 | 14≗42 | 17m57 | 16∡25 | 13중00 | 12 m, 17 | 15 ₾ 50 | 18m.59 | 17∡21 | 13중55 |
| 9S | 10 mg 03 | 13 ₾ 39 | 17m.14 | 15 ₹ 45 | 12중12 | 11 m, 09 | 14≗47 | 18m.16 | 16∡41 | 13중08 | 12 mg 14 | 15 ₾ 55 | 19m.19 | 17 <i>≭</i> 37 | 14중03 |
| 10S | 10 mg 00 | 13 ₾ 44 | 17m34 | 16∡01 | 12궁20 | 11 mg 06 | 14≗52 | 18 m 37 | 16 ∡ 57 | 13중16 | 12 mg 12 | 16≏00 | 19m39 | 17 <i>≱</i> 53 | 14궁11 |
| 11S | 9 m 57 | 13 ₾ 48 | 17m.54 | 16 🗷 17 | 12중29 | 11 m 03 | 14 <u>0</u> 57 | 18m.57 | 17 7 14 | 13324 | 12 m 09 | 16 🖴 05 | 20 m 00 | 18 🗷 10 | 14궁19 |
| 12S 13S | 9 m ₂ 53 9 m ₂ 50 | 13 <u>a</u> 53 | 18m.14 18m.35 | 16∡34 16∡50 | 12 る 37 12 る 45 | 11 m, 00 10 m, 57 | 15 ♀ 01 15 ♀ 07 | 19 m 18 19 m 39 | 17 ₹ 30 17 ₹ 47 | 13중32 13중40 | 12 mg 06 12 mg 03 | 16 <u>2</u> 10 | 20 m. 21 20 m. 43 | 18 ∡ 26 18 ∡ 43 | 14궁27 14궁35 |
| 14S | 9 mg 47 | 14 ₾ 02 | 18m.57 | 17∡707 | 12 공 53 | 10 m/54 | 15 € 12 | 20 m 01 | 18×104 | 13348 | 12 mg 00 | 16-21 | 21 m 05 | 19 \$7 00 | 14343 |
| 15S | 9 m 44 | 14≗07 | 19m.18 | 17 <i>≵</i> 24 | 13중01 | 10 m 50 | 15 2 17 | 20 m. 23 | 18∡21 | 13중56 | 11 m ₂ 57 | 16≏27 | 21 m 27 | 19 ~ 17 | 14중51 |
| 16S | 9 m ₂ 40 | 14 <u>0</u> 12 | 19m.41 | 17×24 | 13중10 | 10 mg 47 | 15 € 22 | 20 m 45 | 18 ₹ 38 | 14중05 | 11 m/ 54 | 16 <u>0</u> 32 | 21 m 50 | 19 ₹ 34 | 15중00 |
| 17S | 9 m/ 37 | 14≗17 | 20m.03 | 17∡759 | 13중18 | 10 m/44 | 15≏28 | 21 m 08 | 18⊿56 | 14중13 | 11 m 51 | 16≗38 | 22 m 13 | 19∡52 | 15중08 |
| 188 | 9 m 34 | 14 🕰 22 | 20 m 26 | 18 🗷 17 | 13 공 27 | 10 m 41 | 15 ₾ 33 | 21 m 32 | 19 🗷 13 | 14322 | 11 m 48 | 16 2 44 | 22 m 37 | 20 🗷 10 | 15317 |
| 198 | 9 mg 30 | 14 ₾ 27 | 20 m. 50 | 18 × 35 | 13중35 | 10 m/ 37 | 15 △ 39 | 21 m 56 | 19 🗷 31 | 14330 | 11 m, 45 | 16 ₾ 50 | 23 m.01 | 20 ₹ 28 | 15325 |
| 20S 21S | 9 m 26 | 14 <u>0</u> 33 | 21 m.14 21 m.39 | 18 ₹ 53 19 ₹ 11 | 13중44 13중53 | 10 m 34 | 15 ≏ 45 | 22 m 20 22 m 45 | 19 ₹ 49 20 ₹ 08 | 14궁39 14궁48 | 11 m 42 | 16 ♀ 57 | 23 m. 26 23 m. 51 | 20 ∡ 46 21 ∡ 04 | 15중34 15중43 |
| 21S 22S | 9 m 23 9 m 19 | 14±38 14£44 | 21 IL 39 22 IL 05 | 19 \$7 11 | 13で33 14 で 02 | 10 mp 31 10 mp 27 | 15 ≏ 51 15 ≏ 57 | 22 IIL45 23 IL 11 | 20×108 20×127 | 14 5 48 | 11 m 39 11 m 35 | 17±03 | 23 1L 31 24 m 17 | 21 × 04 | 15등43 15등51 |
| 23S | 9 m 15 | 14≗50 | 22 m 31 | 19∡49 | 14311 | 10 m/24 | 16 203 | 23 m 38 | 20 ₹ 46 | 15중06 | 11 m 32 | 17≗16 | 24 m 44 | 21 🗷 42 | 16궁00 |
| 24S | 9 mg 12 | 14≗56 | 22 m 58 | 20 ≉ 09 | 14궁20 | 10 m/20 | 16≏10 | 24 m 05 | 21 ≉ 05 | 15중15 | 11 m/28 | 17 ≏ 23 | 25 m 11 | 22 ₮ 02 | 16중10 |
| 25S | 9 mp 08 | 15 🖴 02 | 23 m 26 | 20 ₹ 29 | 14궁29 | 10 mg 16 | 16 ≙ 16 | 24 m 33 | 21 ≉ 25 | 15중24 | 11 m, 25 | 17≗30 | 25 m 39 | 22 ₹ 22 | 16궁19 |
| 26S | 9 mg 04 | 15 2 08 | 23 m 54 | 20 🗷 49 | 14중39 | 10 m, 12 | 16 23 | 25 m 01 | 21 🗷 46 | 15중34 | 11 m 21 | 17≏38 | 26m08 | 22 🗷 42 | 16중28 |
| 27S 28S | 8 m ₂ 59 8 m ₂ 55 | 15 a 15 a 22 | 24 m. 23 24 m. 53 | 21 ∡ 10 21 ∡ 31 | 14궁49 14궁58 | 10 mp 08 10 mp 04 | 16 ⊕ 30 | 25 m.31 26 m.01 | 22 ∡ 06 22 ∡ 27 | 15 공 43 | 11 mg 18 11 mg 14 | 17 ♀ 45 | 26 m. 38 27 m. 09 | 23 ₹ 03 23 ₹ 24 | 16 궁 38 16 궁 48 |
| 29S | 8 mg 51 | 15 ⊆ 22 | 25 m 24 | 21 🗷 52 | 15중09 | 10 mg 04 | 16≗45 | 26 m 33 | 22 × 49 | 16중03 | 11 mg 10 | 18 ₾ 01 | 27 m 40 | 23 🗷 45 | 16공58 |
| 30S | 8 m 46 | 15≗36 | 25 m 57 | 22 ∡ 14 | 15궁19 | 9 m ₂ 56 | 16₽53 | 27 m 05 | 23 ₹ 11 | 16중13 | 11 m ₂ 06 | 18 ₾ 10 | 28 m. 13 | 24 द्र•07 | 17중08 |
| 31S | 8 m/42 | 15 € 43 | 26m30 | 22 ₹ 37 | 15중29 | 9 m 52 | 17≗01 | 27 m 38 | 23 ₹ 33 | 16중24 | 11 m, 02 | 18 ₾ 18 | 28m47 | 24 ₹ 30 | 17중18 |
| 32S | 8 m/ 37 | 15≗51 | 27m.04 | 23 ₮ 00 | 15궁40 | 9 m/47 | 17≗10 | 28 m. 13 | 23 × 56 | 16궁34 | 10 m 58 | 18 ₾ 28 | 29 m.21 | 24 × 53 | 17궁29 |
| 33S 34S | 8 mp 32 8 mp 27 | 15 2 59 | 27 m. 40 28 m. 17 | 23 ₹ 24 23 ₹ 48 | 15 궁 51 16 궁 02 | 9 m/43 9 m/38 | 17 ≙ 18 17 ≙ 27 | 28 m. 49 29 m. 26 | 24 ₹ 20 24 ₹ 44 | 16 공 45 | 10 m, 53 10 m, 49 | 18 ≏ 37 | 29 m. 57 0 ≈ 35 | 25 ∡ 16 25 ∡ 40 | 17 る 39 17 る 50 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 8 mg 22 8 mg 17 | 16 ♀ 17 | 28 m. 55 29 m. 35 | 24 ∡ 13 24 ∡ 39 | 16궁14 16궁25 | 9 m 33 9 m 28 | 17 ≏ 37 17 ≏ 47 | 0 ₹ 04 0 ₹ 44 | 25 ₹ 09 25 ₹ 35 | 17 さ 08 17 さ 19 | 10 m, 44 10 m, 39 | 18 ≏ 57 | 1 ₹ 13 1 ₹ 53 | 26 ₹ 05 26 ₹ 31 | 18 궁 02 18 궁 13 |
| 37S | 8 mg 11 | 16-25 | 0×16 | 25 × 05 | 16중37 | 9 m 23 | 17-47 | 1 🗷 26 | 26×33 | 17중31 | 10 mg 34 | 19 ₾ 18 | 2 × 35 | 26 × 57 | 18 급 25 |
| 38S | 8 mg 06 | 16≗46 | 0∡59 | | 16궁50 | 9 m, 17 | 18≏08 | | | 17중44 | | | 3 ₹ 18 | 27 ∡ 24 | 18중38 |
| 398 | 8 mg 00 | 16≗56 | 1 ∡ 44 | 26 ₮ 01 | 17る03 | 9 m, 12 | 18 ≏ 19 | 2 ₹ 54 | 26 ₹ 57 | 17중56 | 10 mg 24 | 19 ≏ 42 | 4 ₹ 03 | 27 ₮ 52 | 18궁50 |
| 40S | 7 m 54 | 17≏07 | 2 ₹ 31 | 26 ₹ 30 | 17궁16 | 9 mg 06 | 18 ≏ 31 | 3 ₹41 | 27 ₹ 26 | 18궁09 | 10 mg 18 | 19 ₾ 55 | 4 <i>₹</i> 50 | 28 ₹ 21 | 19중03 |
| 41S 42S | 7 mp 47 7 mp 41 | 17 ♀ 19 17 ♀ 31 | 3 ₹ 20 4 ₹ 11 | 27 ₹ 00 27 ₹ 31 | 17る29 17る43 | 9 mg 00 8 mg 54 | 18 ≏ 44 18 ≏ 57 | 4 ₹ 30 5 ₹ 21 | 27 ₹ 56 28 ₹ 27 | 18 중 23 18 중 37 | 10 m, 13 10 m, 07 | 20 <u>a</u> 08 | 5 ₹ 39 6 ₹ 30 | 28 ₹ 51 29 ₹ 22 | 19 궁 16 19 궁 30 |
| 43S | 7 mg 34 | 17 <u>2</u> 31 | 5×11 | 28 × 03 | 17 3 43 | 8 mg 47 | 19 2 11 | 6×15 | 28 × 59 | 18공51 | 10 mg 07 | 20 <u>=</u> 22 | 7 ₹ 24 | 29 x 22 29 x 54 | 19830 |
| 44S | 7 m 26 | 17≗58 | 6∡00 | 28 ₮ 37 | 18ਰ13 | 8 m/40 | 19≏26 | 7 <i>₹</i> 11 | 29 ₮ 32 | 19중06 | 9 m 54 | 20 ₾ 53 | 8 ≉ 20 | 0중27 | 19궁59 |
| 45S | 7 mg 19 | 18 🕰 12 | 6 <i>≱</i> 159 | 29 ₹ 11 | 18궁28 | 8 m/ 33 | 19 ≙ 41 | 8 ₹ 10 | 0중07 | 19821 | 9 mg 47 | 21 ₾ 10 | 9 ∡ 19 | 1중01 | 20중15 |
| 46S | 7 m 11 | 18 | 8 × 01 | 29×148 | 18344 | 8 m 25 | 19 2 58 | 9 🗷 11 | 0중43 | 19중37 | 9 m 40 | 21 | 10×20 | 1중37 | 20중30 |
| 47S | 7 m 03 | 18 🕰 44 | 9×107 | 0 궁2 5 | 19 궁 01 | 8 m 17 | 20 ₾ 16 | 10 × 16 | 1 궁 20 | 19궁54 | 9 m 33 | 21 247 | 11 × 25 | 2중15 | 20 궁 47 |
| 48S 49S | 6 mp 54 6 mp 45 | 19 a 02 | 10 ₹ 15 11 ₹ 28 | 1 3 05 1 3 46 | 19 궁 19 19 궁 37 | 8 mg 09 8 mg 00 | 20 <u>⊕</u> 35 20 <u>⊕</u> 55 | 11 ₹ 25 12 ₹ 37 | 1중59 2중40 | 20중11 20중29 | 9 m, 25 9 m, 16 | 22 <u>a</u> 29 | 12 ₹ 33 13 ₹ 45 | 2정53 3정34 | 21중04 21중22 |
| 50S | 6 mg 35 | 19-21 | 12 \$7 45 | 2중29 | 19중56 | 7 m ₂ 51 | 21 ≘ 17 | 13 × 53 | 3 중 23 | 20정48 | 9 mp 08 | 22 <u>0</u> 53 | 15×13 | 4정16 | 21341 |
| 51S | 6 mg 24 | 20 ♀ 04 | 14×106 | 2029 3 3 14 | 20중16 | 7 mg 41 | 21 241 | 15 × 13 | 4정08 | 20848 | 8 m 58 | 23 <u>□</u> 18 | 16×20 | 5중01 | 22300 |
| 52S | 6 m/14 | 20 ₾ 28 | 15∡31 | 4중02 | 20중37 | 7 m 31 | 22 ♀ 07 | 16∡38 | 4중55 | 21궁29 | 8 m 49 | 23 ≏ 45 | 17 ₹ 44 | 5중47 | 22중21 |
| 53S | 6 m 02 | 20 ₾ 54 | 17×02 | 4공51 | 20궁59 | 7 m 20 | 22 € 35 | 18 ₹ 08 | 5정44 | 21궁50 | 8 m 38 | 24 🕰 15 | 19 🗷 13 | 6중36 | 22342 |
| 54S | 5 m 49 | 21 ₾ 22 | 18 ₹ 38 | 5정44 | 21중22 | 7 m, 08 | 23 ₾ 06 | 19 ₹ 44 | 6중36 | 22313 | 8 m, 27 | 24 ₾ 48 | 20 ₹ 48 | 7중28 | 23중05 |
| 55S | 5 m 36 | 21 2 54 | 20 \$\times 21 | 6 궁 40 | 21궁46 | 6 m 56 | 23 ₾ 39 | 21 🗷 25 | 7 3 31 | 22337 | 8 m 15 | 25 <u>a</u> 24 | 22 🗷 27 | 8 공 22 | 23 3 29 |
| 56S 57S | 5 m, 22 5 m, 07 | 22 <u>a</u> 29 | 22 ₹ 09 24 ₹ 05 | 7 さ 39 8 さ 41 | 22중12 22중39 | 6 m/42 6 m/27 | 24 <u>a</u> 17 | 23 ₹ 12 25 ₹ 05 | 8 3 29 9 3 31 | 23 중 03 23 중 30 | 8 mg 02 7 mg 49 | 26 a 04 26 a 48 | 24 🗷 13 26 🗷 05 | 9 궁2 0 10 궁2 1 | 23궁54 24궁21 |
| 58S | 4 m/ 50 | 23 <u>a</u> 50 | 26×107 | 9 공 47 | 23309 | 6 mg 12 | 25 △ 44 | 27 ₹ 06 | 10중37 | 23 공 59 | 7 m 34 | 27 <u>2</u> 37 | 28 × 04 | 11326 | 24849 |
| 59S | 4 m/32 | 24≗39 | 28 ₮ 18 | 10중58 | 23중40 | 5 m 55 | 26≗37 | 29 ≉ 14 | 11중47 | 24중30 | 7 m, 18 | 28 ₾ 33 | 0중10 | 12중35 | 25중20 |
| 60S | 4 m/12 | 25 ₾ 35 | 0중36 | 12중14 | 24궁13 | 5 m/36 | 27≗37 | 1중30 | 13중01 | 25중03 | 7 mg 00 | 29 ₾ 37 | 2중23 | 13중48 | 25중52 |
| 61S | 3 m 51 | 26 ₾ 39 | 3중03 | 13중35 | 24궁49 | 5 m 16 | 28 △ 45 | 3중54 | 14궁21 | 25중38 | 6 m 41 | 0 m 50 | 4중44 | 15중07 | 26궁27 |
| 62S | 3 m 27 | 27 <u>a</u> 54 | 5 云 39 | 15 궁 02 | 25 궁 28 | 4 m 53 | 0m.06 | 6 3 27 | 15 공 47 | 26중17 | 6 m 20 | 2 m 16 | 7 궁 13 | 16 공 31 | 27 궁 05 |
| 63S 64S | 3 mp 01 2 mp 31 | 29 <u>₽</u> 23 | 8 궁 24 11 궁 18 | 16중36 18중18 | 26 궁 11 26 궁 57 | 4 m/28 4 m/01 | 1 m.41 3 m.37 | 9 궁 08 11 궁 58 | 17궁19 18궁59 | 26중58 27중44 | 5 m/ 56 5 m/ 30 | 3 m. 57 6 m. 01 | 9 공 51 12 공 37 | 18 궁 02 19 궁 39 | 27 궁 46 28 궁 30 |
| 65S | 1 mp 58 | 3 m. 25 | 14321 | 20중08 | 27 공 48 | 3 m ₂ 29 | 6m.01 | 14공56 | 20중47 | 28334 | 5 mg 01 | 8 m 35 | 15중31 | 21중25 | 29중19 |
| 66S | 1 m/ 20 | 6m.19 | 14821 17 공 32 | 22중08 | 28 공 45 | 2 m 54 | 9m.11 | 18중03 | 20347 22 공 44 | 29329 | 4 m/ 27 | 12 m 01 | 18 공 34 | 21 G23 23 중20 | 0≈14 |
| pc | 0 m/ 57 | 8 m. 30 | 19중24 | 23중20 | 29중20 | 2 m/31 | 11 m.38 | 19궁52 | 23중54 | 0≈03 | 4 m 06 | 14 m.45 | 20중20 | 24궁28 | 0≈47 |
| _ | tions are | | | | | | | | | | | | | | |

| | Sid.Tir MC: | | 0m AR 232'09 | MC: 13 | 5°00' | Sid.Tir MC: | | 4m AR 32'01 | MC: 13 | 66°00' | Sid.Tir MC: | | 8m AR 232'04 | RMC: 13 | 7°00' |
|------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 13 m/43 | 16≏16 | 17m27 | 16∡11 | 13중48 | 14 mp 47 | 17 ≏ 21 | 18 m 27 | 17∡106 | 14중44 | 15 m, 52 | 18≏25 | 19m27 | 18 ₹ 02 | 15중40 |
| 1S | 13 m/40 | 16 221 | 17m.46 | 16 7 26 | 13궁56 14궁04 | 14 m 45 | 17 ≏ 26 | 18m46 | 17 7 22 | 14궁52 14궁59 | 15 m 50 | 18 <u>0</u> 31 | 19m.45 | 18 🗷 18 | 15 3 47 |
| 2S 3S | 13 mp 38 13 mp 35 | 16 <u>0</u> 26 | 18m.04 18m.23 | 16 ₹ 42 16 ₹ 58 | 14811 | 14 mp 43 14 mp 40 | 17 ⊕ 31 17 ⊕ 37 | 19 m 05 19 m 24 | 17 ₹ 38 17 ₹ 53 | 14 6 39 | 15 mg 48 15 mg 46 | 18 ♀ 36 | 20m.05 20m.24 | 18 ₹ 33 18 ₹ 49 | 16중03 |
| 4S | 13 m/ 33 | 16≗36 | 18m.42 | 17 ₹ 13 | 14궁19 | 14 m/38 | 17-242 | 19 m. 43 | 18 ₹ 09 | 15중15 | 15 mg 44 | 18 △ 47 | 20 m. 43 | 19 ₹ 05 | 16중10 |
| 5S | 13 mg 30 | 16ჲ41 | 19m.02 | 17 <i>≭</i> 29 | 14궁27 | 14 m/36 | 17 ≏ 47 | 20 m.02 | 18 ₹ 25 | 15중23 | 15 mg 41 | 18≏53 | 21 m 03 | 19∡21 | 16궁18 |
| 6S | 13 m 28 | 16 ≏ 46 | 19m21 | 17 ∡ 45 | 14궁35 | 14 m/34 | 17≏53 | 20 m 22 | 18 ∡ 41 | 15중30 | 15 mg 39 | 18≏59 | 21 m.23 | 19 ₹ 37 | 16궁26 |
| 7S 8S | 13 m/25 13 m/23 | 16 ♀ 52 | 19m41 20m01 | 18∡01 18∡17 | 14궁43 14궁50 | 14 mp 31 14 mp 29 | 17 ≏ 58 18 ≏ 04 | 20 m. 42 21 m. 03 | 18 ∡ 57 19 ∡ 13 | 15 군 38 | 15 m ₂ 37 15 m ₂ 35 | 19 a 05 | 21 m.44 22 m.04 | 19 \$\times 53 \\ 20 \$\times 09 \\ | 16 궁 34 |
| 9S | 13 m/ 20 | 17 <u>2</u> 02 | 20 m 21 | 18 ₹ 33 | 14858 | 14 m/ 26 | 18 2 10 | 21 m 23 | 19x·13 19∡29 | 15854 | 15 m 33 | 19 2 11 | 22 m 25 | 20 x·09 20 x 25 | 16841 |
| 10S | 13 m ₂ 18 | 17ჲ08 | 20m.42 | 18 ₹ 49 | 15중06 | 14 m 24 | 18 ≏ 15 | 21 m.44 | 19 <i>z</i> 45 | 16중02 | 15 m ₂ 30 | 19ჲ23 | 22 m.46 | 20 ₹ 41 | 16중57 |
| 11S | 13 mg 15 | 17 ₾ 13 | 21 m 03 | 19∡06 | 15중14 | 14 m/21 | 18 ≏ 21 | 22 m 05 | 20 ₮ 02 | 16궁10 | 15 m/ 28 | 19≏29 | 23 m 08 | 20 ₹ 58 | 17중05 |
| 12S | 13 mg 12 | 17 ₾ 19 | 21 m.24 | 19 ₹ 23 | 15중22 | 14 m 19 | 18 - 27 | 22 m 27 | 20 🗷 19 | 16중18 | 15 m/26 | 19 ₾ 36 | 23 m 30 | 21 🗷 14 | 17중13 |
| 13S 14S | 13 mp 10 13 mp 07 | 17 ♀ 25 17 ♀ 30 | 21 m.46 22 m.08 | 19∡39 19∡56 | 15 군 30 15 군 38 | 14 mp 16 14 mp 14 | 18 ♀ 33 | 22 m 49 23 m 11 | 20 ₹35 20 ₹52 | 16중26 16중34 | 15 m, 23 15 m, 21 | 19 <u>2</u> 42 | 23 m.52 24 m.14 | 21 \$\squad 31 \\ 21 \$\squad 48 \end{array} | 17 る 21 17 る 29 |
| 15S | 13 mg 04 | 17-36 | 22 m 31 | 20 🗷 13 | 153347 | 14 m) 11 | 18 - 46 | 23 m 34 | 21 🗷 09 | 16342 | 15 mg 18 | 19.255 | 24m37 | 22 \$\square 05 | 17837 |
| 16S | 13 m ₂ 04 | 17 <u>2</u> 30 | 22 m 54 | 20×13 20×31 | 15 공 55 | 14 m 09 | 18 ≗ 40 | 23 m 57 | 21 x 27 | 16공50 | 15 mg 16 | 20 ⊕ 02 | 25 m 01 | 22 x 23 | 17837 |
| 17S | 12 m 59 | 17≗49 | 23 m 17 | 20 ≉ 48 | 16중03 | 14 m/06 | 18≏59 | 24 m 21 | 21 ≉ 44 | 16중58 | 15 mg 14 | 20 ₾ 09 | 25 m 25 | 22 ∡ 40 | 17궁54 |
| 188 | 12 m 56 | 17 <u>2</u> 55 | 23 m.41 | 21 🗷 06 | 16중12 | 14 m 03 | 19 ≏ 06 | 24 m 45 | 22 🗷 02 | 17 3 07 | 15 m 11 | 20 ₾ 16 | 25 m 49 | 22 🗷 58 | 18302 |
| 198 | 12 m 53 | 18 ₾ 02 | 24m.06 | 21 🗷 24 | 16중20 | 14 m 00 | 19 ≙ 13 | 25 m 10 | 22 🗷 20 | 17815 | 15 m 08 | 20 ₾ 24 | 26 m. 14 | 23 🗷 16 | 18310 |
| 20S 21S | 12 m 50 12 m 47 | 18 a 08 | 24m31 24m56 | 21 ∡ 42 22 ∡ 01 | 16 궁 29 16 궁 37 | 13 m 58 13 m 55 | 19 ≗ 20 | 25 m 35 26 m 01 | 22 ∡ 38 22 ∡ 57 | 17る24 17る32 | 15 mg 06 15 mg 03 | 20 <u>0</u> 31 | 26 m. 40 27 m. 06 | 23 × 34 23 × 53 | 18 궁 19 18 궁 27 |
| 22S | 12 mg 43 | 18 - 22 | 25 m 23 | 22 × 20 | 16공46 | 13 m 52 | 19 2 35 | 26 m 28 | 23 × 16 | 17841 | 15 mg 00 | 20 ₾ 47 | 27 m 33 | 24 × 12 | 18중36 |
| 23S | 12 m/40 | 18 ₾ 29 | 25 m 50 | 22 🗷 39 | 16공55 | 13 m 49 | 19 △ 42 | 26 m 55 | 23 🗷 35 | 17중50 | 14 m 58 | 20 ₾ 55 | 28 m.00 | 24 🗷 31 | 18845 |
| 24S | 12 m/ 37 | 18≗37 | 26m17 | 22 ₹ 58 | 17중04 | 13 m/46 | 19≗50 | 27 m 23 | 23 ₹ 54 | 17궁59 | 14 m, 55 | 21 ₾ 03 | 28 m.28 | 24 ₹ 50 | 18궁54 |
| 25S 26S | 12 mp 34 12 mp 30 | 18 ♀ 44 | 26 m. 46 27 m. 15 | 23 ∡ 18 23 ∡ 38 | 17중14 17중23 | 13 m ₂ 43 13 m ₂ 40 | 19 <u>₽</u> 58 20 <u>₽</u> 06 | 27 m.51 28 m.21 | 24 ∡ 14 24 ∡ 34 | 18 궁 08 18 궁 18 | 14 m ₂ 52 14 m ₂ 49 | 21 <u>a</u> 12 | 28 m. 57 29 m. 26 | 25 ₹ 10 25 ₹ 30 | 19 궁 03 19 궁 12 |
| 27S | 12 mg 27 | 19 <u>2</u> 00 | 27 m 45 | 23 × 59 | 17823 17 공 32 | 13 mg 36 | 20 € 15 | 28 m 51 | 24×54 | 18327 | 14 mg 46 | 21 € 20 | 29 m 57 | 25 x 50 25 x 51 | 19812 |
| 28S | 12 m 23 | 19ჲ09 | 28m16 | 24 ₹ 20 | 17중42 | 13 m 33 | 20 2 24 | 29 m 22 | 25 ₹ 16 | 18중37 | 14 m/43 | 21 ≏ 39 | 0 ₹ 28 | 26 ₮ 12 | 19중31 |
| 29S | 12 mg 20 | 19 ≏ 17 | 28 m.47 | 24 ₹ 41 | 17중52 | 13 m, 29 | 20 △ 33 | 29 m 54 | 25 ₹ 37 | 18중47 | 14 mg 40 | 21 ≏ 49 | 1 ₹ 00 | 26 ₹33 | 19중41 |
| 30S 31S | 12 mp 16 12 mp 12 | 19 2 6 19 2 36 | 29 m.20 29 m.54 | 25 ₹ 03 25 ₹ 26 | 18 궁 02 18 궁 12 | 13 m 26 13 m 22 | 20 △ 43 20 △ 52 | 0 ₹ 27 1 ₹ 01 | 25 ₹ 59 26 ₹ 22 | 18 궁 57 19 궁 07 | 14 m 36 14 m 33 | 21 <u>a</u> 59 | 1 ₹ 33 2 ₹ 07 | 26 ₹ 55 27 ₹ 17 | 19 궁 51 20 궁 01 |
| 32S | 12 mg 08 | 19±30 | 29 IIC 34 0 ₹ 29 | 25 ₹ 49 | 18 중 12 | 13 mg 19 | 20 2 32 21 2 03 | 1 × 01 | 26 x 45 | 19807 | 14 m 29 | 22 <u>a</u> 20 | 2×07 2×43 | 27 x·17 27 x 40 | 20중12 |
| 33S | 12 mg 04 | 19₾55 | 1 ₹ 05 | 26×12 | 18중34 | 13 m 15 | 21 | 2×12 | 27 <i>≯</i> 08 | 19328 | 14 m 26 | 22 ₾ 31 | 3 ₹ 19 | 28 ≯ 04 | 20322 |
| 34S | 12 m 00 | 20 ₾ 06 | 1 ₹ 43 | 26 ₹ 36 | 18중45 | 13 mg 11 | 21 ≏ 24 | 2 ₹ 50 | 27 ₹ 32 | 19중39 | 14 m, 22 | 22 △ 43 | 3 ₹ 57 | 28 ₹ 28 | 20중33 |
| 35S 36S | 11 m 55 11 m 51 | 20 <u>2</u> 16 | 2 ₹ 21 3 ₹ 02 | 27 ₹ 01 27 ₹ 27 | 18 궁 56 19 궁 07 | 13 m, 07 13 m, 03 | 21 △ 36 21 △ 48 | 3 ₹ 29 4 ₹ 09 | 27 ₹ 57 28 ₹ 22 | 19 궁 50 20 궁 01 | 14 mp 18 14 mp 14 | 22 <u>a</u> 55 | 4 ₹ 36 5 ₹ 16 | 28 🗷 52 29 🗷 18 | 20중44 20중56 |
| 37S | 11 mg 46 | 20 ₾ 39 | 3 × 02 | 27 × 53 | 19당19 | 12 m/ 58 | 22 ♀ 00 | 4×151 | 28×22 | 20중13 | 14 mg 10 | 23 € 20 | 5 ₹ 58 | 29×14 | 21중07 |
| 38S | 11 mg 41 | 20 ₾ 52 | 4 ₹ 27 | 28 ₹ 20 | 19중31 | 12 m 54 | 22 ⊆ 13 | 5 ₹ 35 | 29×15 | 20궁25 | 14 mg 06 | 23 ₾ 34 | 6 ₹ 42 | 0로10 | 21궁19 |
| 398 | 11 mg 36 | 21 ₾ 05 | 5 ₹ 12 | 28 ₹ 48 | 19중44 | 12 m/49 | 22 ≏ 27 | 6≯20 | 29 ₹43 | 20중38 | 14 m, 02 | 23 ≏ 49 | 7 <i>≱</i> 27 | 0중38 | 21중32 |
| 40S 41S | 11 m 31 11 m 26 | 21 <u>□</u> 18 | 5 x 159 6 x 148 | 29 ₹ 17 29 ₹ 46 | 19 궁 57 20 궁 10 | 12 mg 44 12 mg 39 | 22 ♀ 41 22 ♀ 56 | 7 ₹ 07 7 ₹ 56 | 0중12 0중41 | 20궁51 21궁04 | 13 m 57 13 m 53 | 24 \(\omega 04 \) 24 \(\omega 20 \) | 8 × 14 9 × 03 | 1 3 07 1 3 36 | 21중44 21중57 |
| 41S 42S | 11 mg 20 | 21 2 33 | 7 × 39 | 29×40 | 20중24 | 12 m/ 34 | 23 € 12 | 8 × 47 | 1중12 | 21804 | 13 mg 48 | 24 <u>2</u> 20 | 9x.03 | 2 3 06 | 21 8 37 |
| 43S | 11 mg 14 | 22 ₾ 03 | 8 ₹ 33 | 0정49 | 20중38 | 12 m/28 | 23 ₾ 29 | 9 ∡ 40 | 1정43 | 21331 | 13 m/43 | 24 ₾ 54 | 10 ₹ 47 | 2중38 | 22325 |
| 44S | 11 mg 08 | 22 ₾ 20 | 9 ₹ 28 | 1중22 | 20중53 | 12 m, 23 | 23 △ 47 | 10∡36 | 2중16 | 21중46 | 13 m, 37 | 25 ₾ 13 | 11 ∡ 43 | 3중10 | 22339 |
| 45S 46S | 11 mg 02 10 mg 55 | 22 <u>a</u> 38 | 10 <i>≭</i> 27 11 <i>≭</i> 28 | 1 궁 56 2 궁 32 | 21 궁 08 21 궁 23 | 12 m, 17 12 m, 10 | 24 <u>a</u> 06 24 <u>a</u> 26 | 11 ∡ 34 12 ∡ 36 | 2 궁 50 | 22중01 22중16 | 13 m 32 | 25 △ 33 25 △ 54 | 12 ₹ 41 13 ₹ 42 | 3 공 44 4 공 19 | 22 궁 54 23 궁 09 |
| 46S 47S | 10 mp 35 10 mp 48 | 22 <u>u</u> 57 23 <u>u</u> 17 | 11 × 28 12 × 33 | 2632 3 중 09 | 21 5 23 21 5 40 | 12 mg 10 12 mg 04 | 24 <u>a</u> 26 | 12 × 36 13 × 40 | 3 궁 26 4 궁 02 | 22 중 16 22 중 33 | 13 m/26 13 m/20 | 25 1 25 1 26 2 16 | 13×42 14×46 | 4819 4856 | 23~509 23~525 |
| 48S | 10 m/41 | 23 ₾ 39 | 13 ₹41 | 3ਰ47 | 21궁57 | 11 m 57 | 25 | 14 ∡ 47 | 4중41 | 22349 | 13 m 13 | 26 △ 40 | 15 ₹ 52 | 5334 | 23342 |
| 498 | 10 m/33 | 24 ₾ 02 | 14∡52 | 4중27 | 22중15 | 11 m, 49 | 25 ≏ 35 | 15 ₹ 58 | 5중21 | 23중07 | 13 mg 06 | 27≗06 | 17∡03 | 6궁14 | 24중00 |
| 50S | 10 m 25 | 24 <u>a</u> 27 | 16×107 | 5궁10 | 22중33 | 11 m 42 | 26 a 01 | 17 ₹ 12 18 ₹ 31 | 6 국 02 | 23♂25 23₹45 | 12 m 59 | 27 ₾ 34 | 18 × 17 | 6 궁 55 | 24318 |
| 51S 52S | 10 mp 16 10 mp 07 | 24 \omega 54 25 \omega 23 | 17 ₹ 26 18 ₹ 49 | 5 궁 54 6 궁 40 | 22 궁 52 23 궁 13 | 11 m ₂ 34 | 26 <u>₽</u> 29 27 <u>₽</u> 00 | 18 × 31 19 × 53 | 6 정 46 7 정 32 | 23 공 45 24 공 05 | 12 m, 52 12 m, 43 | 28 <u>a</u> 04 | 19 ₹ 34 20 ₹ 56 | 7 3 38 8 3 24 | 24궁37 24궁56 |
| 53S | 9 m 57 | 25 2 55 | 20 ∡ 17 | 7云28 | 23334 | 11 mg 16 | 27 ≏ 34 | 21 ≯ 20 | 8중20 | 24326 | 12 m/35 | 29 ₾ 11 | 22 ₹ 22 | 9 ਰ 11 | 25중17 |
| 54S | 9 m/46 | 26 ₾ 30 | 21 🗷 51 | 8궁19 | 23궁56 | 11 mg 06 | 28 ≏ 10 | 22 ₹ 52 | 9 ਰ 11 | 24중48 | 12 m/26 | 29 ₾ 50 | 23 ₹ 53 | 10중01 | 25중39 |
| 55S | 9 m 35 | 27 ₾ 08 | 23 × 29 | 9중13 | 24중20 | 10 m 55 | 28 <u>a</u> 50 | 24×30 | 10궁04 | 25중11 | 12 m 16 | 0 m 32 | 25 × 29 | 10궁54 | 26중02 |
| 56S 57S | 9 m ₂ 23 9 m ₂ 10 | 27 \omega 50 28 \omega 37 | 25 ₹ 13 27 ₹ 03 | 10중10 11중11 | 24 공 45 25 공 11 | 10 mg 44 10 mg 32 | 29 <u>⊕</u> 35 0m24 | 26 ₹ 12 28 ₹ 01 | 11る00 12る00 | 25중36 26중02 | 12 mg 05 11 mg 54 | 1 m 19 2 m 10 | 27 ₹ 10 28 ₹ 57 | 11る50 12る49 | 26 궁 27 26 궁 52 |
| 58S | 8 m 56 | 29 ₾ 29 | 29 ₮ 00 | 12중14 | 25궁39 | 10 mg 19 | 1 m 19 | 29∡56 | 13중03 | 26중30 | 11 mg 42 | 3 m 08 | 0중51 | 13중51 | 27중20 |
| 59S | 8 mg 41 | 0m.28 | 1 궁 04 | 13중22 | 26궁09 | 10 mg 05 | 2 m 22 | 1궁57 | 14궁10 | 26궁59 | 11 m, 29 | 4m.14 | 2궁50 | 14궁57 | 27중49 |
| 60S | 8 m 25 | 1 m 35 | 3 궁 15 | 14궁35 | 26중41 | 9 m 49 | 3 m. 32 | 4중06 | 15 공 21 | 27중31 | 11 mg 14 | 5 m 28 | 4 궁 56 | 16중07 | 28320 |
| 61S 62S | 8 mp 06 7 mp 47 | 2 m 53 4 m 23 | 5 군 33 7 군 59 | 15 さ 52 17 さ 15 | 27 궁 16 27 궁 53 | 9 mp 32 9 mp 14 | 4 m. 54 6 m. 29 | 6 궁 22 8 궁 45 | 16 궁 37 17 궁 59 | 28 궁 04 28 궁 41 | 10 mp 59 10 mp 41 | 6 m. 53 8 m. 33 | 7 て 09 9 て 30 | 17号22 18号42 | 28 궁 53 29 궁 29 |
| 63S | 7 m/ 25 | 6m.11 | 10중34 | 18중44 | 28중33 | 8 m 53 | 8 m 23 | 11중16 | 19중26 | 29중20 | 10 mg 22 | 10 m 32 | 11공57 | 20중08 | 0≈08 |
| 64S | 7 mg 00 | 8 m. 22 | 13중16 | 20중20 | 29중17 | 8 m, 30 | 10m41 | 13중54 | 21궁00 | 0≈03 | 10 mg 01 | 12 m 58 | 14중33 | 21중41 | 0≈50 |
| 65S | 6 m 32 | 11m.07 | 16중06 | 22중04 | 0≈05 | 8 m 05 | 13 m 36 | 16중41 | 22842 | 0≈50 | 9 m 37 | 16 m. 02 | 17 る 15 | 23중20 | 1≈36 |
| 66S pc | 6 mp 01 5 mp 42 | 14m49 17m52 | 19 궁 05 20 궁 48 | 23 궁 56 25 궁 02 | 0≈58 1≈30 | 7 m ₂ 35 7 m ₂ 17 | 17m34 20m59 | 19 궁 35 21 궁 16 | 24 궁 31 25 궁 36 | 1≈42 2≈13 | 9 mg 10 8 mg 53 | 20 m. 17 24 m. 06 | 20 궁 06 21 궁 44 | 25 궁 07 26 궁 11 | 2≈26 2≈57 |
| PC | J 11) 42 | 1 / 116 34 | 20040 | 23 002 | 1 ~ 30 | / ۱ پر ۱۱ | 2011633 | 21010 | 23030 | 2×13 | ددراان | 2711600 | 21044 | 20011 | <u> </u> |

| | Sid.Tir MC: | | 2m AR 232'18 | MC: 13 | 8°00' | Sid.Tir MC: | | 6m AR 232'42 | MC: 13 | 39°00' | Sid.Tir MC: | ne: 9h20 17 <i>ຄ</i> | 0m AR | RMC: 14 | 0°00' |
|--|--|--|--|---|---|--|---|---|---|--|--|--|--|---|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S 1S 2S 3S 4S | 16 m 57 16 m 55 16 m 53 16 m 51 16 m 49 | 19 \(\omega 30 \) 19 \(\omega 35 \) 19 \(\omega 41 \) 19 \(\omega 47 \) 19 \(\omega 53 \) | 20 m.26 20 m.45 21 m.04 21 m.24 21 m.44 | 18 × 57 19 × 13 19 × 29 19 × 45 20 × 00 | 16335 16343 16351 16359 17306 | 18 m 02 18 m 00 17 m 58 17 m 56 17 m 55 | 20 \(\Omega 34 \) 20 \(\Omega 40 \) 20 \(\Omega 46 \) 20 \(\Omega 52 \) 20 \(\Omega 58 \) | 21 m.25 21 m.44 22 m.04 22 m.24 22 m.44 | 19 × 53 20 × 09 20 × 24 20 × 40 20 × 56 | 17331 17339 17347 17354 18302 | 19 m 07 19 m 05 19 m 03 19 m 02 19 m 00 | 21 <u>2</u> 38 21 <u>2</u> 44 21 <u>2</u> 51 21 <u>2</u> 57 22 <u>2</u> 04 | 22 m.24 22 m.44 23 m.04 23 m.24 23 m.44 | 20 × 48 21 × 04 21 × 20 21 × 36 21 × 51 | 18궁27 18궁35 18궁43 18궁50 18궁58 |
| 5S 6S 7S 8S 9S | 16 m 47 16 m 45 16 m 43 16 m 41 16 m 39 | 19 \(\oddsymbol{19} \) 59 20 \(\oddsymbol{20} \) 05 20 \(\oddsymbol{11} \) 11 20 \(\oddsymbol{18} \) 18 20 \(\oddsymbol{22} \) 24 | 22 m. 04 22 m. 24 22 m. 45 23 m. 05 23 m. 26 | 20 × 16 20 × 32 20 × 48 21 × 04 21 × 21 | 17514 17522 17529 17537 17545 | 17 m 53 17 m 51 17 m 49 17 m 47 17 m 45 | 21 <u>0</u> 05 21 <u>0</u> 11 21 <u>0</u> 18 21 <u>0</u> 24 21 <u>0</u> 31 | 23 m. 04 23 m. 25 23 m. 45 24 m. 06 24 m. 28 | 21 × 12 21 × 28 21 × 44 22 × 00 22 × 16 | 18중10 18중17 18중25 18중33 18중40 | 18 m 58 18 m 57 18 m 55 18 m 53 18 m 52 | 22 \(\Omega 10 \) 22 \(\Omega 17 \) 22 \(\Omega 24 \) 22 \(\Omega 31 \) 22 \(\Omega 38 \) | 24 m. 04 24 m. 25 24 m. 46 25 m. 07 25 m. 29 | 22 × 07 22 × 23 22 × 39 22 × 56 23 × 12 | 19중06 19중13 19중21 19중28 19중36 |
| 10S 11S 12S 13S 14S | 16 m 37 16 m 35 16 m 32 16 m 30 16 m 28 | 20 \(\Omega 30 \) 20 \(\Omega 37 \) 20 \(\Omega 44 \) 20 \(\Omega 51 \) 20 \(\Omega 57 \) | 23 m.48 24 m.10 24 m.32 24 m.54 25 m.17 | 21 × 37 21 × 54 22 × 10 22 × 27 22 × 44 | 17553 18500 18508 18516 18524 | 17 m 43 17 m 41 17 m 39 17 m 37 17 m 35 | 21 \(\overline{9}\)38 21 \(\overline{9}\)45 21 \(\overline{9}\)52 21 \(\overline{9}\)59 22 \(\overline{9}\)06 | 24 m.49 25 m.11 25 m.34 25 m.56 26 m.19 | 22 x 33 22 x 49 23 x 06 23 x 23 23 x 40 | 18정48 18정56 19정04 19정12 19정20 | 18 m 50 18 m 48 18 m 46 18 m 44 18 m 43 | 22 \(\omega 45\) 22 \(\omega 52\) 22 \(\omega 52\) 22 \(\omega 59\) 23 \(\omega 07\) 23 \(\omega 15\) | 25 m.51 26 m.13 26 m.35 26 m.58 27 m.21 | 23 ₹ 28 23 ₹ 45 24 ₹ 02 24 ₹ 18 24 ₹ 35 | 19정44 19정52 19정59 20정07 20정15 |
| 15S 16S 17S 18S 19S | 16 m 26 16 m 24 16 m 21 16 m 19 16 m 16 | 21 \(\Omega 05 \) 21 \(\Omega 12 \) 21 \(\Omega 19 \) 21 \(\Omega 27 \) 21 \(\Omega 34 \) | 25 m.40 26 m.04 26 m.28 26 m.53 27 m.18 | 23 × 19 23 × 19 23 × 36 23 × 54 24 × 12 | 1832 1832 18341 18349 18357 19305 | 17 m 33 17 m 31 17 m 29 17 m 27 17 m 25 | 22 \overline{0}14 22 \overline{0}21 22 \overline{0}22 22 \overline{0}37 22 \overline{0}45 | 26 m.43 27 m.07 27 m.31 27 m.56 28 m.21 | 23 x 57 24 x 14 24 x 32 24 x 50 25 x 08 | 19중28 19중36 19중44 19중52 20중01 | 18 m 41 18 m 39 18 m 37 18 m 35 18 m 33 | 23 \omega 22 23 \omega 30 23 \omega 38 23 \omega 47 23 \omega 55 | 27 m.45 28 m.09 28 m.34 28 m.59 29 m.24 | 24 ₹ 53 25 ₹ 10 25 ₹ 27 25 ₹ 45 26 ₹ 03 | 20중23 20중31 20중39 20중48 20중56 |
| 20S 21S 22S 23S 24S | 16 m 14 16 m 12 16 m 09 16 m 06 16 m 04 | 21 \(\overline{9}\)42 21 \(\overline{9}\)50 21 \(\overline{9}\)59 22 \(\overline{9}\)07 22 \(\overline{9}\)16 | 27 m. 44 28 m. 10 28 m. 37 29 m. 04 29 m. 33 | 24 × 30 24 × 49 25 × 07 25 × 27 25 × 46 | 19314 19322 19331 19340 19349 | 17 m 22 17 m 20 17 m 18 17 m 15 17 m 13 | 22 \omega 53 23 \omega 02 23 \omega 10 23 \omega 19 23 \omega 28 | 28 m.47 29 m.14 29 m.41 0 x 09 0 x 37 | 25 ₹ 26 25 ₹ 44 26 ₹ 03 26 ₹ 22 26 ₹ 42 | 20중09 20중18 20중26 20중35 20중44 | 18 m 31 18 m 29 18 m 27 18 m 25 18 m 22 | 24 \(\Omega \) 04 24 \(\Omega \) 13 24 \(\Omega \) 22 24 \(\Omega \) 31 24 \(\Omega \) 41 | 29 m.50 0 x 17 0 x 44 1 x 12 1 x 41 | 26 ₹ 21 26 ₹ 40 26 ₹ 59 27 ₹ 18 27 ₹ 37 | 21304 21313 21321 21330 21339 |
| 25S 26S 27S 28S 29S | 16 m 01 15 m 58 15 m 56 15 m 53 15 m 50 | 22 \(\Omega 25 \) 22 \(\Omega 34 \) 22 \(\Omega 44 \) 22 \(\Omega 54 \) 23 \(\Omega 04 \) | 0 x 02 0 x 31 1 x 02 1 x 33 2 x 06 | 26 × 06 26 × 26 26 × 46 27 × 07 27 × 29 | 19る58 20る07 20る17 20る26 20る36 | 17 m 11 17 m 08 17 m 05 17 m 03 17 m 00 | 23 <u>a</u> 38 23 <u>a</u> 48 23 <u>a</u> 58 24 <u>a</u> 08 24 <u>a</u> 19 | 1 x 06 1 x 36 2 x 07 2 x 38 3 x 11 | 27 × 01 27 × 21 27 × 42 28 × 03 28 × 24 | 20중53 21중02 21중11 21중21 21중30 | 18 m 20 18 m 18 18 m 15 18 m 13 18 m 11 | 24 \(\Omega 51 \) 25 \(\Omega 01 \) 25 \(\Omega 11 \) 25 \(\Omega 22 \) 25 \(\Omega 33 \) | 2 × 10 2 × 40 3 × 11 3 × 43 4 × 15 | 27 × 57 28 × 17 28 × 37 28 × 58 29 × 19 | 21348 21357 22306 22316 22325 |
| 30S 31S 32S 33S 34S | 15 m 47 15 m 44 15 m 40 15 m 37 15 m 34 | 23 \(\Omega \) 14 23 \(\Omega \) 25 23 \(\Omega \) 37 23 \(\Omega \) 48 24 \(\Omega \) 01 | 2 x 39 3 x 13 3 x 49 4 x 25 5 x 03 | 27 × 50 28 × 13 28 × 36 28 × 59 29 × 23 | 20346 20356 21306 21317 21327 | 16 m 57 16 m 54 16 m 51 16 m 48 16 m 45 | 24 \(\Omega 30 \) 24 \(\Omega 41 \) 24 \(\Omega 53 \) 25 \(\Omega 05 \) 25 \(\Omega 18 \) | 3 x 44 4 x 19 4 x 54 5 x 31 6 x 09 | 28 × 46 29 × 08 29 × 31 29 × 54 0 る 18 | 21340 21350 22300 22311 22322 | 18 m 08 18 m 05 18 m 03 18 m 00 17 m 57 | 25 \(\overline{9}\)45 25 \(\overline{9}\)57 26 \(\overline{9}\)09 26 \(\overline{9}\)22 26 \(\overline{9}\)35 | 4×49 5×23 5×59 6×36 7×14 | 29 ★41 0중03 0중26 0중49 1중13 | 22335 22345 22355 23305 23316 |
| 35S 36S 37S 38S 39S | 15 m 30 15 m 26 15 m 23 15 m 19 15 m 15 | 24 \(\Omega 13 \) 24 \(\Omega 27 \) 24 \(\Omega 40 \) 24 \(\Omega 55 \) 25 \(\Omega 10 \) | 5 x 42 6 x 23 7 x 05 7 x 48 8 x 33 | 29 * 47 0 * 6 13 0 * 6 39 1 * 6 05 1 * 6 33 | 21538 21550 22501 22513 22525 | 16 m 42 16 m 39 16 m 35 16 m 32 16 m 28 | 25 \(\Omega 31 \) 25 \(\Omega 45 \) 26 \(\Omega 00 \) 26 \(\Omega 15 \) 26 \(\Omega 31 \) | 6 x 48 7 x 28 8 x 10 8 x 54 9 x 39 | 0중42 1중08 1중33 2중00 2중27 | 22333 22344 22355 23307 23319 | 17 m 54 17 m 51 17 m 48 17 m 45 17 m 41 | 26 \(\Omega 49 \) 27 \(\Omega 04 \) 27 \(\Omega 19 \) 27 \(\Omega 35 \) 27 \(\Omega 51 \) | 7 × 53 8 × 33 9 × 15 9 × 59 10 × 44 | 1 중37 2 중02 2 중28 2 중55 3 중22 | 23527 23538 23549 24501 24513 |
| 40S 41S 42S 43S 44S | 15 m 11 15 m 06 15 m 02 14 m 57 14 m 52 | 25 \(\Omega \) 26 \(\Omega \) 43 \(26 \omega \) 00 \(26 \omega \) 19 \(26 \omega \) 38 | 9 x 20 10 x 09 11 x 00 11 x 53 12 x 49 | 2501 2531 3501 3532 4504 | 22538 22551 23504 23518 23532 | 16 m 24 16 m 20 16 m 16 16 m 12 16 m 07 | 26 \(\Omega 48 \) 27 \(\Omega 05 \) 27 \(\Omega 23 \) 27 \(\Omega 43 \) 28 \(\Omega 03 \) | 10 x 26 11 x 15 12 x 06 12 x 58 13 x 54 | 2 중 5 6 3 중 2 5 3 중 5 5 4 중 2 6 4 중 5 8 | 23332 23345 23358 24311 24326 | 17 m 38 17 m 34 17 m 30 17 m 26 17 m 22 | 28 \(\omega \) 09 28 \(\omega \) 27 28 \(\omega \) 46 29 \(\omega \) 06 29 \(\omega \) 28 | 11 × 31 12 × 20 13 × 10 14 × 03 14 × 58 | 3 중 50 4 중 19 4 중 49 5 중 20 5 중 52 | 24중25 24중38 24중51 25중05 25중19 |
| 45S 46S 47S 48S | 14 m 47 14 m 41 14 m 36 14 m 30 | 26 \(\Omega 59 \) 27 \(\Omega 21 \) 27 \(\Omega 45 \) 28 \(\Omega 10 \) | 13 ₹ 47 14 ₹ 47 15 ₹ 51 16 ₹ 57 | 4중38 5중13 5중49 6중27 | 23 347 24 302 24 318 24 35 24 35 | 16 m 02 15 m 57 15 m 52 15 m 46 | 28 \overline 25 28 \overline 48 29 \overline 13 29 \overline 39 | 14 ₹ 51 15 ₹ 52 16 ₹ 55 18 ₹ 01 | 5정31 6정06 6정42 7정20 | 24840 24855 25811 25827 | 17 m 18 17 m 13 17 m 08 17 m 03 | 29 \overline{5}1 0 m. 15 0 m. 40 1 m. 08 | 15 ₹ 55 16 ₹ 55 17 ₹ 58 19 ₹ 04 | 6궁25 6궁59 7궁35 8궁12 | 25중33 25중48 26중04 26중20 |
| 50S 51S 52S 53S 54S | 14 m 23 14 m 17 14 m 10 14 m 02 13 m 54 13 m 46 | 28 \(\omega 37 \) 29 \(\omega 06 \) 29 \(\omega 38 \) 0 \(\omega 12 \) 0 \(\omega 48 \) 1 \(\omega 29 \) | 18 × 07 19 × 20 20 × 37 21 × 58 23 × 23 24 × 53 | 7506 7547 8530 9515 10502 10552 | 25329 25329 25348 26309 26331 | 15 m 41 15 m 35 15 m 28 15 m 21 15 m 14 15 m 06 | 0 m. 08 0 m. 38 1 m. 11 1 m. 46 2 m. 24 3 m. 06 | 19 x 10 20 x 23 21 x 39 22 x 59 24 x 23 25 x 52 | 7 3 59 8 3 39 9 3 22 10 3 06 10 3 53 11 3 42 | 25정45 26정02 26정21 26정40 27정01 27정22 | 16 m 58 16 m 53 16 m 47 16 m 40 16 m 34 16 m 27 | 1 m.37 2 m.09 2 m.43 3 m.19 3 m.59 4 m.43 | 20 x 12 21 x 24 22 x 40 23 x 59 25 x 22 26 x 50 | 8중51 9중31 10중13 10중57 11중44 12중32 | 26중37 26중55 27중13 27중32 27중52 28중13 |
| 55S 56S 57S 58S | 13 m 37 13 m 27 13 m 17 13 m 05 | 2m.13 3m.01 3m.55 4m.56 | 26 ₹ 28 28 ₹ 08 29 ₹ 53 1 ₹ 44 | 11544 12539 13537 14539 | 26号53 27号17 27号43 28号10 | 14 m 58 14 m 49 14 m 39 14 m 29 | 3 m.52 4 m.43 5 m.39 6 m.42 | 27 ₹25 29 ₹04 0 ₹48 2 ₹37 | 12334 13328 14325 15326 | 27544 28508 28533 29500 | 16 m 19 16 m 11 16 m 02 15 m 53 | 5 m.31 6 m.23 7 m.22 8 m.27 | 28 ₹22 29 ₹59 1 ₹42 3 ₹29 | 13중23 14중17 15중13 16중13 | 28중35 28중59 29중24 29중50 |
| 598 608 618 628 638 648 | 12 m 53 12 m 40 12 m 25 12 m 09 11 m 51 11 m 32 | 6 m. 04 7 m. 22 8 m. 51 10 m. 35 12 m. 40 15 m. 12 | 3정42 5정46 7정56 10정14 12정38 15정10 | 15344 16353 18307 19326 20350 22321 | 28 38 29 309 29 342 0 ≈ 17 0 ≈ 55 1 ≈ 36 | 14 m 18 14 m 05 13 m 52 13 m 37 13 m 21 13 m 03 | 7 m.53 9 m.14 10 m.46 12 m.35 14 m.44 17 m.23 | 4 중 3 3 6 중 3 4 8 중 4 2 10 중 5 7 13 중 1 9 15 중 4 8 | 16중30 17중39 18중51 20중09 21중32 23중01 | 29♂28 29♂58 0≈30 1≈05 1≈42 2≈23 | 15 m 42 15 m 31 15 m 19 15 m 06 14 m 51 14 m 35 | 9 m. 40 11 m. 04 12 m. 40 14 m. 32 16 m. 46 19 m. 31 | 5 で 23 7 で 22 9 で 28 11 で 40 13 で 59 16 で 25 | 17317 18324 19335 20352 22313 23340 | 0≈18 0≈47 1≈19 1≈53 2≈30 3≈09 |
| 65S 66S pc | 11 m 10 10 m 45 10 m 29 | 18 m. 26 22 m. 57 27 m. 11 | 17중50 20중36 22중13 | 23558 25543 26545 | 2≈21 3≈11 3≈41 | 12 m/43 12 m/20 12 m/06 | 20 m.46 25 m.33 0 ≈ 16 | 18중24 21중07 22중41 | 24중36 26중18 27중19 | 3≈07 3≈55 4≈24 | 14 m 16 13 m 55 13 m 43 | 23 m.03 28 m.07 3 x 18 | 18정58 21정37 23정09 | 25314 26354 27354 | 3≈09 3≈53 4≈40 5≈08 |

| | Sid.Tir MC: | | 4m AR 234'04 | MC: 14 | 1°00' | Sid.Tir MC: | | 8m AR 235'02 | CMC: 14 | 12°00' | Sid.Tir MC: | ne: 9h3: 20 <i>6</i> | 2m AR 236'10 | RMC: 14 | 13°00' |
|------------|--|----------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S 1S | 20 m 12 20 m 10 | 22 <u>a</u> 42 22 <u>a</u> 48 | 23 m.23 23 m.43 | 21 ∡ 43 21 ∡ 59 | 19 군 24 19 군 31 | 21 m 17 21 m 16 | 23 <u>a</u> 46 23 <u>a</u> 52 | 24 m.21 24 m.42 | 22 ₹ 39 22 ₹ 54 | 20중20 20중27 | 22 m 22 22 m 21 | 24 <u>a</u> 49 24 <u>a</u> 56 | 25 m.20 25 m.40 | 23 ₹ 34 23 ₹ 50 | 21중16 21중24 |
| 2S 3S | 20 mp 09 20 mp 07 | 22 <u>a</u> 55 23 <u>a</u> 02 | 24 m. 03 24 m. 23 | 22 ∡ 15 22 ∡ 31 | 19 궁 39 19 궁 46 | 21 mg 14 21 mg 13 | 23 <u>a</u> 59 | 25 m.02 25 m.22 | 23 ∡ 10 23 ∡ 26 | 20중35 20중42 | 22 m, 20 22 m, 19 | 25 a 04 25 a 11 | 26m.01 26m.21 | 24 ∡ 06 24 ∡ 21 | 21중31 21중39 |
| 4S | 20 m 06 | 23 ₾ 09 | 24 m. 43 | 22 ∡ 47 | 19궁54 | 21 m 12 | 24 2 14 | 25 m.43 | 23 ₹ 42 | 20궁50 | 22 m 18 | 25 ≏ 18 | 26 m. 42 | 24 ∡ 37 | 21중46 |
| 5S 6S | 20 m 04 20 m 03 | 23 <u>□</u> 16 | 25 m.04 25 m.25 | 23 द 03 23 द 19 | 20중01 20중09 | 21 m, 10 21 m, 09 | 24 <u>2</u> 21 | 26 m. 04 26 m. 25 | 23 ₹ 58 24 ₹ 14 | 20궁58 21궁05 | 22 mg 16 22 mg 15 | 25 a 26 25 a 34 | 27 m. 03 27 m. 25 | 24 ₹ 53 25 ₹ 09 | 21궁54 22궁01 |
| 7S 8S | 20 m 01 20 m 00 | 23 <u>a</u> 30 23 <u>a</u> 37 | 25 m 46 | 23 ₹35 23 ₹51 | 20중17 | 21 m 08 21 m 06 | 24 <u>2</u> 36 | 26 m 46 | 24 🗷 30 24 🗷 47 | 21313 21320 | 22 m 14 | 25 a 41 25 a 49 | 27m46 28m08 | 25 ₹ 26 25 ₹ 42 | 22중09 |
| 9S | 20 lip 00 19 mp 58 | 23 <u>a</u> 44 | 26m08 26m29 | 24 × 07 | 20중24 20중32 | 21 m 05 | 24 <u>2</u> 43 24 <u>2</u> 51 | 27 m.08 27 m.30 | 25 × 03 | 21828 | 22 m/13 22 m/11 | 25 <u>a</u> 57 | 28 m 30 | 25 x 42 25 x 58 | 22중16 22중24 |
| 10S | 19 m 57 | 23 ₾ 52 | 26 m. 52 | 24 🗷 24 | 20중40 | 21 m 03 | 24 <u>0</u> 59 | 27 m.52 | 25 × 19 | 21335 | 22 m 10 | 26 ₾ 05 | 28 m. 53 | 26×15 | 22831 |
| 11S 12S | 19 m 55 19 m 53 | 23 <u>a</u> 59 24 <u>a</u> 07 | 27 m. 14 27 m. 37 | 24 ∡ 40 24 ∡ 57 | 20중47 20중55 | 21 m, 02 21 m, 01 | 25 a 06 25 a 14 | 28 m. 15 28 m. 38 | 25 ₹ 36 25 ₹ 52 | 21중43 21중51 | 22 m, 09 22 m, 08 | 26 <u>₽</u> 13 | 29 m. 15 29 m. 39 | 26 ₹31 26 ₹48 | 22중39 22중47 |
| 13S 14S | 19 m 52 19 m 50 | 24 <u>a</u> 15 | 28 m 00 28 m 23 | 25 ∡ 14 25 ∡ 31 | 21중03 21중11 | 20 m/59 20 m/58 | 25 <u>a</u> 23 25 <u>a</u> 31 | 29 m 01 29 m 25 | 26 ₹ 09 26 ₹ 26 | 21궁59 22궁06 | 22 mg 06 22 mg 05 | 26 <u>₽</u> 30 26 <u>₽</u> 39 | 0 ₹ 02 0 ₹ 26 | 27 ⋠ 05 27 ⋠ 22 | 22중54 23중02 |
| 15S | 19 m 48 | 24 <u>2</u> 31 | 28 m. 47 | 25 × 48 | 21311 | 20 m 56 | 25 € 39 | 29 m.49 | 26 x 43 | 22314 | 22 m 04 | 26 € 48 | 0 x 20 | 27 × 39 | 23810 |
| 16S | 19 m 47 | 24 <u>0</u> 39 | 29 m.11 | 26×105 | 21중27 | 20 m 55 | 25 △ 48 25 △ 57 | 0 ₹ 13 0 ₹ 38 | 27 ₹ 01 27 ₹ 18 | 22 3 22 22 3 30 | 22 m/02 22 m/01 | 26 ♀ 57 27 ♀ 06 | 1 7 15 | 27 ₹ 56 28 ₹ 14 | 23 云 18 23 云 26 |
| 17S 18S | 19 m/45 19 m/43 | 24 <u>a</u> 48 | 29 m. 36 0 ₹ 01 | 26 ₹ 23 26 ₹ 41 | 21중35 21중43 | 20 m 53 20 m 51 | 26 2 06 | 1 \$7 03 | 27×18 | 22 日 38 | 22 m 00 | 27 2 06 27 2 15 | 1 ₹ 40 2 ₹ 05 | 28×14 28×31 | 23 5 26 23 5 34 |
| 198 | 19 m/41 | 25 <u>a</u> 05 | 0. ₹ 27 | 26 <i>₹</i> 59 | 21중51 | 20 m 50 | 26 ₾ 15 | 1×29 | 27 ₹ 54 | 22347 | 21 m 58 | 27 € 25 | 2 ₹ 31 | 28 × 49 | 23342 |
| 20S 21S | 19 m 39 19 m 38 | 25 <u>a</u> 14 | 0 ∡ 53 1 ∡ 20 | 27 ∡ 17 27 ∡ 35 | 22중00 22중08 | 20 m/48 20 m/46 | 26 <u>₽</u> 24 26 <u>₽</u> 34 | 1 ₹ 56 2 ₹ 23 | 28 × 12 28 × 31 | 22중55 23중03 | 21 m/57 21 m/55 | 27 <u>₽</u> 34 | 2 ₹ 58 3 ₹ 25 | 29 ₹ 07 29 ₹ 26 | 23중50 23중59 |
| 22S 23S | 19 m 36 19 m 34 | 25 <u>a</u> 33 25 <u>a</u> 43 | 1 ∡ 48 2 ∡ 16 | 27 ∡ 54 28 ∡ 13 | 22중17 22중25 | 20 m/45 20 m/43 | 26 <u>₽</u> 44 26 <u>₽</u> 54 | 2 ₹ 50 3 ₹ 19 | 28 ∡ 49 29 ∡ 08 | 23중12 23중20 | 21 m/54 21 m/52 | 27 ♀ 55 28 ♀ 05 | 3 ₹ 53 4 ₹ 21 | 29∡44 0♂03 | 24 궁 07 24 궁 16 |
| 24S | 19 mg 32 | 25 2 53 | 2×10 | 28 ₹ 32 | 22834 | 20 m 41 | 27 2 05 | 3×17 | 29×28 | 23829 | 21 m 51 | 28 ₾ 16 | 4×21 | 0303 | 24324 |
| 25S | 19 m 30 | 26 ₾ 03 | 3 × 14 | 28 ∡ 52 29 ∡ 12 | 22중43 22중52 | 20 m/39 20 m/38 | 27 ♀ 15 27 ♀ 26 | 4×17 | 29 🗷 47 | 23~38 23~347 | 21 m 49 | 28 ₾ 27 | 5 オ 20 5 オ 50 | 0 궁 42 | 24 3 33 |
| 26S 27S | 19 m/28 19 m/26 | 26 <u>₽</u> 14 26 <u>₽</u> 25 | 3 ₹ 44 4 ₹ 15 | 29×12 29×32 | 22 6 32 23 중 01 | 20 m/ 36 | 27 <u>a</u> 28 | 4 ₹ 47 5 ₹ 18 | 0중07 0중27 | 23·547 23·중56 | 21 m/48 21 m/46 | 28 <u>a</u> 39 | 6×21 | 1중02 1중22 | 24·5·42 24·중51 |
| 28S 29S | 19 m 23 19 m 21 | 26 <u>0</u> 36 26 <u>0</u> 48 | 4 ₹ 47 5 ₹ 20 | 29∡53 0♂14 | 23중10 23중20 | 20 m 34 20 m 32 | 27 <u>₽</u> 49 28 <u>₽</u> 02 | 5 ₹ 50 6 ₹ 23 | 0정48 1정09 | 24궁05 24궁15 | 21 m/44 21 m/43 | 29 a 03 29 a 15 | 6 ₹ 53 7 ₹ 26 | 1중43 2중04 | 25 궁 00 25 궁 09 |
| 30S | 19 mg 19 | 27 ₾ 00 | 5 x 53 | 0중36 | 23 중 30 | 20 m/30 | 28 □ 14 | 6×23 | 1중31 | 24824 | 21 mg 41 | 29 ₾ 28 | 8 🗷 00 | 2 3 26 | 25중19 |
| 31S 32S | 19 mp 16 19 mp 14 | 27 <u>₽</u> 12 27 <u>₽</u> 25 | 6ヹ28 7ヹ03 | 0중58 1중21 | 23중39 23중49 | 20 m/28 20 m/25 | 28 <u>₽</u> 27 28 <u>₽</u> 40 | 7 ∡ 32 8 ∡ 07 | 1중53 2중15 | 24중34 24중44 | 21 m/39 21 m/37 | 29 <u>a</u> 42 29 <u>a</u> 55 | 8 × 35 9 × 11 | 2중48 3중10 | 25 군 29 25 군 39 |
| 33S | 19 m 12 | 27 ≗ 38 | 7 ₹ 40 | 1중44 | 24중00 | 20 m 23 | 28 ≏ 54 | 8 ₹ 44 | 2중38 | 24중54 | 21 m/35 | 0m.10 | 9∡148 | 3号33 | 25중49 |
| 348 | 19 mg 09 | 27 ♣ 52 | 8 7 18 | 2 3 08 | 24310 | 20 m 21 | 29 ₾ 09 | 9 🗷 22 | 3 중 02 | 25중05 | 21 m 33 | 0 m. 25 | 10 🗷 26 | 3 공 56 | 25중59 |
| 35S 36S | 19 mp 06 19 mp 04 | 28 <u>a</u> 27 | 8 ₹ 57 9 ₹ 38 | 2중32 2중57 | 24중21 24중32 | 20 mg 19 20 mg 16 | 29 <u>2</u> 40 | 10 ₹ 01 10 ₹ 42 | 3 군 26 3 군 51 | 25 궁 15 25 궁 26 | 21 m/31 21 m/29 | 0m.41 0m.57 | 11 ∡ 05 11 ∡ 45 | 4정21 4정45 | 26중10 26중21 |
| 37S 38S | 19 mp 01 18 mp 58 | 28 <u>a</u> 38 | 10 ₹ 20 11 ₹ 03 | 3 군 22 3 군 49 | 24궁43 24궁55 | 20 mg 14 20 mg 11 | 29 <u>₽</u> 56 0m.13 | 11 ∡ 24 12 ∡ 07 | 4정17 4정43 | 25 궁 38 25 궁 49 | 21 m/27 21 m/24 | 1 m. 14 1 m. 31 | 12 ₹ 27 13 ₹ 11 | 5 궁 11 5 궁 37 | 26중32 26중43 |
| 39S | 18 m 55 | 29 2 11 | 11 🗷 48 | 4 궁 16 | 25중07 | 20 m 08 | 0m.31 | 12×07 12×52 | 5중10 | 26중01 | 21 m 22 | 1 m. 50 | 13 \$7 55 | 6 국 03 | 26중55 |
| 40S 41S | 18 mp 51 18 mp 48 | 29 <u>a</u> 29 | 12 ₹ 35 13 ₹ 24 | 4 3 44 5 3 13 | 25 궁 19 25 궁 32 | 20 m, 05 20 m, 02 | 0 m 50 1 m 09 | 13 ₹39 14 ₹27 | 5 궁 38 6 궁 06 | 26중13 26중26 | 21 m, 19 21 m, 17 | 2 m 09 2 m 30 | 14 ₹ 42 15 ₹ 30 | 6 궁 31 7 궁 00 | 27る07 27る19 |
| 42S | 18 m/45 | 0 m 08 | 14 ₹ 14 | 5중42 | 25중45 | 19 m, 59 | 1 m. 30 | 15 ₹ 18 | 6중36 | 26중38 | 21 m/14 | 2 m 51 | 16∡20 | 7る29 | 27중32 |
| 43S 44S | 18 m/41 18 m/37 | 0m.29 0m.52 | 15 ₹ 07 16 ₹ 02 | 6 궁 13 6 궁 45 | 25 궁 58 26 궁 12 | 19 m 56 19 m 53 | 1 m.52 2 m.15 | 16 ∡ 10 17 ∡ 04 | 7 て 06 7 て 38 | 26중52 27중05 | 21 mg 11 21 mg 08 | 3 m. 14 3 m. 38 | 17 ₹ 12 18 ₹ 07 | 7 궁 59 8 궁 31 | 27 공 45 27 공 59 |
| 45S | 18 m 33 | 1 m. 15 | 16 - 759 | 7ਰ18 | 26중26 | 19 m, 49 | 2 m 39 | 18∡01 | 8중10 | 27820 | 21 m 05 | 4 m 03 | 19∡03 | 9궁03 | 28云13 |
| 46S 47S | 18 m 29 18 m 25 | 1 m. 40 2 m. 07 | 17∡58 19∡01 | 7정52 8정27 | 26 궁 41 26 궁 57 | 19 mg 46 19 mg 42 | 3 m. 05 3 m. 33 | 19 ₹ 00 20 ₹ 02 | 8 3 44 9 3 20 | 27중34 27중50 | 21 m/02 20 m/59 | 4 m. 30 4 m. 58 | 20 ₹ 02 21 ₹ 03 | 9 궁 37 10 궁 12 | 28 중 27 28 중 42 |
| 48S | 18 m 21 | 2m36 | 20 ₹ 06 | 9304 | 27중13 | 19 m 38 | 4 m 02 | 21 ∡ 07 | 9궁56 | 28중05 | 20 m 55 | 5 m 29 | 22 ₮ 07 | 10중48 | 28중58 |
| 49S 50S | 18 mp 16 18 mp 11 | 3 m 06 3 m 39 | 21 ₹ 14 22 ₹ 25 | 9중43 10중23 | 27중29 27중47 | 19 m ₂ 34 | 4m.34 5m.08 | 22 ∡ 14 23 ∡ 25 | 10중34 11중14 | 28 중 22 28 중 39 | 20 m, 51 20 m, 48 | 6m.01 6m.36 | 23 ₹ 14 24 ₹ 24 | 11중26 12중05 | 29중14 29중31 |
| 51S | 18 m 05 | 4 m. 14 | 23 ∡ 40 | 11궁04 | 28중05 | 19 m 24 | 5 m 44 | 24 ₹ 39 | 11공55 | 28중57 | 20 m 43 | 7m.14 | 25 ₹ 38 | 12る46 | 29궁49 |
| 52S 53S | 18 mg 00 17 mg 54 | 4 m. 52 5 m. 33 | 24 ∡ 58 26 ∡ 21 | 11궁48 12궁34 | 28 궁 24 28 궁 44 | 19 mg 19 19 mg 14 | 6m.24 7m.06 | 25 ₹ 57 27 ₹ 18 | 12 る 38 13 る 24 | 29 궁 16 29 궁 35 | 20 m/39 20 m/34 | 7 m. 54 8 m. 38 | 26 ₹ 54 28 ₹ 15 | 13 궁 29 14 궁 13 | 0≈08 0≈27 |
| 54S | 17 m 47 | 6m.18 | 27 ₹ 47 | 13중22 | 29중05 | 19 m, 08 | 7 m 53 | 28 ₹ 44 | 14중11 | 29궁56 | 20 m 29 | 9 m. 26 | 29 ₹ 39 | 15중00 | 0≈47 |
| 55S 56S | 17 m/40 17 m/33 | 7m08 8m02 | 29 <i>束</i> 18 0궁54 | 14중12 15중05 | 29궁27 29궁50 | 19 mg 02 18 mg 56 | 8m44 9m40 | 0중14 1중48 | 15중01 15중53 | 0≈18 0≈40 | 20 m/24 20 m/18 | 10 ኪ 19 11 ኪ 17 | 1중08 2중41 | 15 궁 50 16 궁 41 | 1≈09 1≈31 |
| 57S | 17 m/25 | 9m.03 | 2ਰ35 | 16중01 | 0≈14 | 18 m, 49 | 10m42 | 3云27 | 16중49 | 1≈04 | 20 m 12 | 12m21 | 4궁19 | 17중36 | 1≈55 |
| 58S 59S | 17 m ₂ 17 17 m ₂ 07 | 10m.10 11m.26 | 4 3 21 6 3 12 | 17る00 18る03 | 0≈40 1≈07 | 18 m, 41 18 m, 33 | 11 m.52 13 m.10 | 5 궁 12 7 궁 01 | 17る47 18る49 | 1≈30 1≈57 | 20 m, 05 19 m, 58 | 13 m.32 14 m.52 | 6 궁 02 7 궁 49 | 18 궁 33 19 궁 34 | 2≈20 2≈46 |
| 60S | 16 m 57 | 12 m 52 | 8중10 | 19る09 | 1≈36 | 18 m/24 | 14m.39 | 8중57 | 19궁54 | 2≈26 | 19 m ₂ 50 | 16m24 | 9 3 43 | 20중39 | 3≈15 |
| 61S 62S | 16 m 46 16 m 34 | 14m.31 16m.28 | 10중13 12중23 | 20궁19 21궁34 | 2≈08 2≈41 | 18 mg 14 18 mg 03 | 16m.21 18m.21 | 10궁58 13궁05 | 21 궁 03 22 궁 17 | 2≈56 3≈29 | 19 mg 42 19 mg 32 | 18m.09 20m.11 | 11る42 13る47 | 21 궁 47 22 궁 59 | 3≈45 4≈17 |
| 63S | 16 m/21 | 18m46 | 14궁39 | 22궁54 | 3≈17 | 17 m 51 | 20m43 | 15궁19 | 23중36 | 4≈04 | 19 mg 22 | 22 m 38 | 15중58 | 24중17 | 4≈52 |
| 64S 65S | 16 mp 06 15 mp 50 | 21 m 37 25 m 17 | 17 さ 02 19 さ 31 | 24궁20 25궁52 | 3≈56 4≈38 | 17 m, 38 17 m, 24 | 23 m 39 27 m 27 | 17중38 20중05 | 25 궁 00 26 궁 29 | 4≈43 5≈24 | 19 m, 10 18 m, 58 | 25 m. 38 29 m. 34 | 18중15 20중38 | 25중39 27중07 | 5≈29 6≈10 |
| 66S | 15 m/31 | 0 ₹ 37 | 22중07 | 27중30 | 5≈24 | 17 m, 07 | 3 ₹ 02 | 22중38 | 28중06 | 6≈09 | 18 mg 43 | 5 ₹ 24 | 23중08 | 28중41 | 6≈54 |
| pc | 15 m 20 | 6 ₹ 19 | 23중38 | 28궁28 | 5≈52 | 16 m, 57 | 9.₹16 | 24궁06 | 29중03 | 6≈36 | 18 mg 34 | 12 ₹ 09 | 24궁34 | 29중37 | 7≈20 |

| | Sid.Tir MC: | | 6m AR .37'29 | MC: 14 | 4°00' | Sid.Tir MC: | | 0m AR 38'59 | MC: 14 | 15°00' | Sid.Tii MC: | ne: 9h4 23ຄ | 4m AR .40'40 | RMC: 14 | 6°00' |
|------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|---------------------------------------|--------------------------------|----------------------------------|-----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 23 m/27 | 25 ₾ 53 | 26m.18 | 24 ≉ 29 | 22313 | 24 m/33 | 26≗56 | 27 m 16 | 25 ₹ 24 | 23云09 | 25 m, 38 | 27 ≏ 59 | 28 m 14 | 26 ₮ 19 | 24중06 |
| 1S | 23 m/26 | 26≗00 | 26m39 | 24 ∡ 45 | 22중20 | 24 m/32 | 27 ♀ 04 | 27 m 37 | 25 ∡ 40 | 23중17 | 25 m/37 | 28≗07 | 28 m 35 | 26 ₹ 35 | 24중13 |
| 2S | 23 m 25 | 26 - 08 | 26m.59 | 25×101 | 22중28 | 24 m/31 | 27 | 27 m 58 | 25 × 56 | 23824 | 25 m 37 | 28 ₾ 15 | 28 m 56 | 26 ₹ 51 | 24중21 |
| 3S 4S | 23 m/24 23 m/23 | 26 <u>a</u> 15 26 <u>a</u> 23 | 27 m 20 27 m 41 | 25 ∡ 17 25 ∡ 33 | 22중35 22중42 | 24 m/30 24 m/29 | 27 ♀ 20 27 ♀ 28 | 28 m 19 28 m 40 | 26 ₹ 12 26 ₹ 28 | 23중31 23중39 | 25 m/36 25 m/35 | 28 <u>a</u> 24 | 29 m. 18 29 m. 39 | 27 ₹ 07 27 ₹ 23 | 24중28 24중35 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 23 m 22 23 m 21 | 26 ♀ 31 | 28 m. 03 28 m. 24 | 25 ₹ 49 26 ₹ 05 | 22궁50 22궁57 | 24 m/29 24 m/28 | 27 ♀ 36 27 ♀ 44 | 29 m 02 29 m 24 | 26 ₹ 44 27 ₹ 00 | 23중46 23중54 | 25 m/35 25 m/34 | 28 <u>a</u> 40 | 0 ₹ 01 0 ₹ 23 | 27 ₹ 39 27 ₹ 55 | 24중43 24중50 |
| 7S | 23 m 20 | 26 △ 47 | 28 m 46 | 26×21 | 23 궁 05 | 24 m 27 | 27 ⊆ 52 | 29 m 45 | 27×00 | 24중01 | 25 m/ 33 | 28 ₾ 57 | 0 × 25 | 28 × 11 | 24궁58 |
| 8S | 23 m 19 | 26≗55 | 29 m 08 | 26 ₮ 37 | 23중12 | 24 m/26 | 28 🖴 01 | 08 ₹ 0 | 27 <i>≭</i> 32 | 24중09 | 25 m 33 | 29 ₾ 06 | 1 ∡ 07 | 28 द 27 | 25중05 |
| 9S | 23 mg 18 | 27 ♀ 03 | 29 m 30 | 26 ₹ 53 | 23중20 | 24 m/25 | 28 🕰 09 | 0∡30 | 27 ₹ 49 | 24중16 | 25 m, 32 | 29 ₾ 15 | 1 ₹ 30 | 28 ∡ 44 | 25중12 |
| 10S | 23 mg 17 | 27 ≏ 12 | 29 m 53 | 27 ∡ 10 | 23중27 | 24 m/24 | 28 ≏ 18 | 0∡53 | 28 ∡ 05 | 24824 | 25 m/31 | 29 ≏ 24 | 1 ₹ 53 | 29 ₮ 00 | 25중20 |
| 118 | 23 m 16 | 27 | 0 7 16 | 27 🗷 26 | 23중35 | 24 m 23 | 28 <u>2</u> 27 | 1 7 16 | 28 🗷 22 | 24331 | 25 m 30 | 29 ₾ 33 | 2 🗷 16 | 29 🗷 17 | 25중27 |
| 12S 13S | 23 m 15 23 m 14 | 27 ♀ 29 27 ♀ 37 | 0 ∡ 39 1 ∡ 03 | 27 ₹ 43 28 ₹ 00 | 23궁43 23궁50 | 24 m/22 24 m/21 | 28 ♀ 35 28 ♀ 45 | 1 ₹ 39 2 ₹ 03 | 28 ₹ 38 28 ₹ 55 | 24궁39 24궁46 | 25 m/30 25 m/29 | 29 <u>a</u> 42 | 2 ₹ 40 3 ₹ 03 | 29 ₹33 29 ₹50 | 25 궁 35 25 궁 42 |
| 14S | 23 mg 13 | 27 ⊆ 37 | 1 x 03 | 28 × 17 | 23 공 58 | 24 m 20 | 28 <u>-</u> 43 | 2 x 27 | 29 × 12 | 24854 | 25 m 28 | 0m.01 | 3 x 03 3 z 28 | 0중07 | 25 3 542 25 3 50 |
| 15S | 23 m 12 | 27 2 56 | 1 % 51 | 28 ~ 34 | 24중06 | 24 m 20 | 29 ₾ 03 | 2 × 52 | 29 🗷 29 | 25중02 | 25 m 27 | 0 m. 11 | 3 × 52 | 0중24 | 25중58 |
| 16S | 23 m 11 | 28 2 05 | 2×16 | 28×54 28×51 | 24 공 14 | 24 m 19 | 29 2 13 | 2 x 32 3 x 17 | 29 🖈 46 | 25중10 | 25 m 27 | 0 m 21 | 4×18 | 0324 | 26중05 |
| 17S | 23 m 09 | 28 ≏ 14 | 2 ₹ 41 | 29 ₹ 09 | 24중22 | 24 m 18 | 29 ≏ 23 | 3 ₹ 42 | 0중04 | 25중17 | 25 m 26 | 0m.31 | 4 <i>≯</i> 143 | 0궁59 | 26중13 |
| 18S | 23 m 08 | 28 ≏ 24 | 3 ≠ 07 | 29 ₹ 26 | 24궁30 | 24 m 17 | 29 ≏ 33 | 4 ₹ 08 | 0중21 | 25중25 | 25 m 25 | 0m.41 | 5 ₹ 09 | 1316 | 26중21 |
| 19S | 23 mg 07 | 28 ≏ 34 | 3 ₹ 33 | 29 ∡ 44 | 24궁38 | 24 m/16 | 29 ≏ 43 | 4 ₹ 34 | 0중39 | 25중33 | 25 m/24 | 0 m. 52 | 5 ₹ 35 | 1중34 | 26중29 |
| 20S | 23 mg 06 | 28 <u>₽</u> 44 | 4 <i>₹</i> 100 | 0중02 | 24궁46 | 24 m 15 | 29 ≏ 54 | 5 ₹ 01 | 0중57 | 25중41 | 25 m/24 | 1 m. 03 | 6 ₹ 02 | 1공52 | 26중37 |
| 218 | 23 m 04 | 28 ♣ 54 | 4×127 | 0중21 | 24 공 54 | 24 m 14 | 0m.04 | 5 × 29 | 1316 | 25궁50 | 25 m 23 | 1 m 14 | 6×130 | 2811 | 26345 |
| 22S 23S | 23 m 03 23 m 02 | 29 a 05 29 a 16 | 4 ₹ 55 5 ₹ 23 | 0 궁 39 0 궁 58 | 25 궁 02 25 궁 11 | 24 mp 12 24 mp 11 | 0 m 15 0 m 27 | 5 ₹ 57 6 ₹ 25 | 1중34 1중53 | 25 궁 58 26 궁 06 | 25 m/22 25 m/21 | 1 m.25 1 m.37 | 6 ₹ 58 7 ₹ 27 | 2 3 29 2 3 48 | 26 궁 53 27 궁 02 |
| 24S | 23 mg 01 | 29 ₾ 27 | 5 × 52 | 1중18 | 25중19 | 24 m 10 | 0 m 38 | 6×23 | 2 ਰ 12 | 26중15 | 25 m 20 | 1 m. 49 | 7×256 | 3 3 07 | 27중10 |
| 25S | 22 m 59 | 29 ₾ 39 | 6₹22 | 1중37 | 25중28 | 24 m 09 | 0 m 50 | 7 <i>≱</i> 124 | 2중32 | 26중23 | 25 m 19 | 2 m.01 | 8∡26 | 3중26 | 27중19 |
| 26S | 22 m 58 | 29 ₾ 51 | 6×153 | 1ਰ57 | 25 궁 37 | 24 m 08 | 1 m. 02 | 7×155 | 2 3 52 | 26중32 | 25 m 18 | 2 m 14 | 8 × 20 | 3 ਰ 46 | 27827 |
| 27S | 22 m/56 | 0 m 03 | 7∡24 | 2중17 | 25중46 | 24 m/07 | 1 m 15 | 8 ₹ 26 | 3중12 | 26중41 | 25 m, 17 | 2 m 27 | 9∡28 | 4궁06 | 27중36 |
| 288 | 22 m 55 | 0m.15 | 7 ₹ 56 | 2중38 | 25궁55 | 24 m 06 | 1 m. 28 | 8 🗷 58 | 3중32 | 26궁50 | 25 m 16 | 2 m 40 | 10 \$\times 00 | 4중27 | 27845 |
| 29S | 22 m 53 | 0 m. 28 | 8 ₹ 29 | 2중59 | 26중04 | 24 m, 04 | 1 m.41 | 9∡31 | 3중53 | 26궁59 | 25 m, 15 | 2 m.54 | 10 ∡ 33 | 4중48 | 27중54 |
| 30S | 22 m 52 | 0m.42 | 9 🗷 03 | 3중20 | 26중14 | 24 m 03 | 1 m. 55 | 10 7 05 | 4궁15 | 27중09 | 25 m 14 | 3 m 08 | 11 🗷 07 | 5중09 | 28중04 |
| 31S 32S | 22 m 50 22 m 49 | 0 m 56 1 m 10 | 9∡38 10∡14 | 3 공 42 4 공 04 | 26 궁 23 26 궁 33 | 24 mg 02 24 mg 00 | 2 m 10 2 m 24 | 10 ₹ 40 11 ₹ 16 | 4 3 36 4 3 59 | 27중18 27중28 | 25 m 13 25 m 12 | 3 m.23 3 m.38 | 11 ∡ 42 12 ∡ 18 | 5 군 31 5 군 53 | 28 궁 13 28 궁 23 |
| 33S | 22 mg 47 | 1 m 25 | 10 \$750 | 4중27 | 26 공 43 | 23 m 59 | 2 m. 40 | 11 🗷 53 | 5중21 | 27 중 38 | 25 mg 11 | 3 m 54 | 12×15 | 6 3 15 | 28 공 33 |
| 34S | 22 m/45 | 1 m 41 | 11 ₹ 28 | 4중51 | 26궁54 | 23 m 57 | 2 m 56 | 12∡31 | 5중45 | 27중48 | 25 m 10 | 4m.11 | 13 ≉ 33 | 6중39 | 28중43 |
| 35S | 22 m/43 | 1 m 57 | 12∡08 | 5ਰ15 | 27중04 | 23 m 56 | 3 m. 13 | 13 ₹ 10 | 6궁09 | 27중59 | 25 m, 09 | 4 m. 28 | 14 ~ 12 | 7云02 | 28중53 |
| 36S | 22 m/42 | 2 m 14 | 12 ₹ 48 | 5号39 | 27중15 | 23 m 54 | 3 m 30 | 13 ₹ 50 | 6중33 | 28중09 | 25 m, 07 | 4 m 46 | 14 ₹ 52 | 7827 | 29궁04 |
| 37S | 22 m 40 | 2m31 | 13 🗷 30 | 6중04 | 27중26 | 23 m 53 | 3 m. 48 | 14×32 | 6중58 | 28320 | 25 m 06 | 5 m. 04 | 15 × 34 | 7る52 | 29중14 |
| 38S 39S | 22 m 38 22 m 36 | 3 m 08 | 14 ₹ 13 14 ₹ 58 | 6 8 57 | 27る37 27る49 | 23 m/ 49 | 4 11L 07 4 11L 26 | 15 ₹ 15 16 ₹ 00 | 7 さ 24 7 さ 50 | 28 る 31 28 る 43 | 25 m 05 25 m 03 | 5 m 44 | 16∡17 17∡01 | 8 3 17 8 3 44 | 29 궁 25 29 궁 37 |
| | 22 m 34 | | | | | | | | | | | | | | |
| 40S 41S | 22 mp 34 22 mp 31 | 3 m 29 3 m 50 | 15 ₹ 44 16 ₹ 32 | 7 궁 24 7 궁 53 | 28 궁 01 28 궁 13 | 23 m/48 23 m/46 | 4 m 47 5 m 09 | 16 ₹ 46 17 ₹ 34 | 8 3 18 8 3 46 | 28 궁 55 29 궁 07 | 25 mg 02 25 mg 00 | 6m.05 6m.28 | 17 ₹ 47 18 ₹ 35 | 9 궁 11 9 궁 39 | 29⋜49 0≈01 |
| 42S | 22 mg 29 | 4 m. 12 | 17 × 22 | 8 공 22 | 28 궁 26 | 23 mg 44 | 5 m 32 | 18 × 24 | 9 궁 15 | 29중19 | 24 m 59 | 6m.51 | 19 × 25 | 10중07 | 0≈13 |
| 43S | 22 m 27 | 4m.35 | 18 ₹ 14 | 8중52 | 28중39 | 23 m/42 | 5m.56 | 19∡15 | 9중45 | 29중32 | 24 m 57 | 7m.16 | 20 ∡ 16 | 10궁37 | 0≈26 |
| 44S | 22 m/24 | 5 m 00 | 19∡08 | 9중23 | 28중52 | 23 m/40 | 6m21 | 20 ₹ 09 | 10중16 | 29중45 | 24 m 56 | 7 m.42 | 21 ∡ 09 | 11중08 | 0≈39 |
| 45S | 22 m/21 | 5 m 26 | 20 द 04 | 9궁55 | 29궁06 | 23 m/38 | 6m.48 | 21 ∡ 05 | 10궁47 | 29궁59 | 24 m 54 | 8m.09 | 22 ₮ 05 | 11궁39 | 0≈52 |
| 46S | 22 m 19 | 5 m 53 | 21 🗷 03 | 10궁29 | 29중20 | 23 m 35 | 7m.16 | 22 🗷 03 | 11321 | 0≈13 | 24 m 52 | 8 m 38 | 23 🗷 02 | 12312 | 1≈07 |
| 47S 48S | 22 mg 16 22 mg 13 | 6 m 23 | 22 ∡ 04 23 ∡ 07 | 11 궁 03 11 궁 39 | 29 궁 35 29 궁 51 | 23 m/33 23 m/30 | 7 m. 46 8 m. 19 | 23 ₹ 03 24 ₹ 06 | 11중55 12중31 | 0≈28 0≈44 | 24 m 50 24 m 48 | 9 m 09 9 m 43 | 24 ∡ 02 25 ∡ 05 | 12 3 46 13 3 22 | 1≈21 1≈36 |
| 49S | 22 mg 10 | 7 m. 28 | 24×14 | 11839 12 8 17 | 0≈07 | 23 m/ 28 | 8 m. 53 | 25 × 12 | 12 3 31 13 3 08 | 0≈44 | 24 m/ 46 | 10m.18 | 26×10 | 13 8 22 | 1≈50 |
| 50S | 22 mg 06 | 8 m. 03 | 25 ₹ 23 | 12중56 | 0≈24 | 23 m 25 | 9m.30 | 26∡21 | 13중46 | 1≈16 | 24 m 44 | 10 m. 56 | 27 <i>≱</i> 18 | 14중37 | 2≈08 |
| 51S | 22 m 03 | 8 m 42 | 26×35 | 13중36 | 0≈2 4 0≈41 | 23 m/ 22 | 10 m 10 | 27 × 33 | 14 공 26 | 1≈33 | 24 m 41 | 11 m 36 | 28 × 29 | 15중16 | 2≈25 |
| 52S | 21 m/59 | 9m24 | 27 ₹ 51 | 14궁19 | 0≈59 | 23 m 19 | 10m.53 | 28 ≉ 48 | 15중08 | 1≈51 | 24 m 39 | 12 m 20 | 29 ₹ 43 | 15중58 | 2≈43 |
| 53S | 21 m 55 | 10m.09 | 29 🗷 11 | 15궁03 | 1≈19 | 23 m 15 | 11 m.39 | 0중06 | 15 る 52 | 2≈10 | 24 m 36 | 13 m. 08 | 1중01 | 16중41 | 3≈02 |
| 54S | 21 m 50 | 10 m. 58 | 0중34 | 15궁49 | 1≈39 | 23 m 12 | 12 m. 30 | 1329 | 16중38 | 2≈30 | 24 m 33 | 14 m.00 | 2822 | 17327 | 3≈21 |
| 55S | 21 m 46 | 11 m 52 | 2 궁 02 | 16중38 | 2≈00 | 23 m 08 | 13 m 25 | 2 궁 55 | 17 る 26 | 2≈51 | 24 m 30 | 14 m 56 | 3 공 47 | 18314 | 3≈42 |
| 56S 57S | 21 mp 41 21 mp 36 | 12 m 52 13 m 57 | 3 궁 34 5 궁 10 | 17 る 29 18 る 23 | 2≈22 2≈45 | 23 m 04 22 m 59 | 14 m. 26 15 m. 33 | 4 궁 25 6 궁 00 | 18 궁 17 19 궁 10 | 3≈13 3≈36 | 24 m/27 24 m/23 | 15 m.58 17 m.07 | 5 궁 17 6 궁 50 | 19 궁 04 19 궁 56 | 4≈03 4≈26 |
| 58S | 21 m/30 | 15 m. 11 | 6 공 51 | 19 3 20 | 3≈10 | 22 m 55 | 16m.48 | 7 공 40 | 20중06 | 4≈00 | 24 m 19 | 18 m. 23 | 8 3 28 | 20 궁 52 | 4≈50 |
| 59S | 21 m/24 | 16m.33 | 8중37 | 20중20 | 3≈36 | 22 m/49 | 18m.12 | 9궁24 | 21중05 | 4≈26 | 24 m/15 | 19 m.49 | 10중11 | 21궁50 | 5≈15 |
| 60S | 21 m/17 | 18m.06 | 10궁28 | 21중23 | 4≈04 | 22 m/44 | 19m.47 | 11궁14 | 22궁07 | 4≈53 | 24 m/11 | 21 m.27 | 11궁58 | 22궁51 | 5≈42 |
| 61S | 21 m/10 | 19m.54 | 12る25 | 22중30 | 4≈33 | 22 m 38 | 21 m 37 | 13중08 | 23중13 | 5≈22 | 24 m 06 | 23 m 18 | 13중51 | 23궁56 | 6≈11 |
| 62S | 21 m 02 | 21 m.59 | 14328 | 23중41 | 5≈05 | 22 m 31 | 23 m. 45 | 15궁09 | 24324 | 5≈53 | 24 m 01 | 25 m 29 | 15 る 49 | 25중05 | 6≈41 |
| 63S 64S | 20 m 53 20 m 43 | 24 m 29 27 m 35 | 16중36 18중51 | 24궁57 26궁18 | 5≈39 6≈16 | 22 m/24 22 m/15 | 26 m 19 29 m 28 | 17 る 15 19 る 27 | 25 궁 38 26 궁 58 | 6≈27 7≈03 | 23 m 55 23 m 48 | 28 m. 05 1 × 18 | 17중53 20중02 | 26 궁 19 27 궁 37 | 7≈14 7≈49 |
| | | | | | | | | | | | | | | | |
| 65S 66S | 20 mg 32 20 mg 19 | 1 ₹ 37 7 ₹ 40 | 21중11 23중38 | 27중45 29중17 | 6≈55 7≈39 | 22 mg 06 21 mg 56 | 3 ₹ 36 9 ₹ 51 | 21 중 44 24 중 08 | 28중22 29중53 | 7≈41 8≈23 | 23 m/41 23 m/32 | 5 \$\tilde{7} 31 \\ 11 \$\tilde{7} 56 | 22중17 24중38 | 29る00 0≈29 | 8≈27 9≈08 |
| pc | 20 mg 12 | 14×158 | 25중03 | 0≈12 | 7≈39 8≈04 | 21 m/ 50 21 m/ 50 | 17×43 | 25중31 | 0≈46 | 8≈49 | 23 m 27 | 20 × 22 | 24838 | 1≈21 | 9≈33 |
| Calcula | | | | | | | | | | | , 2 / | | | | 1 . 5.55 |

| | Sid.Tir MC: | | 8m AR 242'31 | MC: 14 | ·7°00' | Sid.Tir MC: | | 2m AR .44'33 | CMC: 14 | 18°00' | Sid.Tir MC: | ne: 9h5 26 <i>8</i> | 6m AR 246'45 | RMC: 14 | 9°00' |
|------------|----------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|--|---------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 26 m/43 | 29 ₾ 02 | 29 m 12 | 27 ≉ 14 | 25중03 | 27 m/49 | 0 m 05 | 0∡10 | 28 ₹ 09 | 26중00 | 28 m/54 | 1 m.08 | 1 ∡ 07 | 29 ₹ 04 | 26궁57 |
| 18 | 26 m 43 | 29 ₾ 11 | 29 m 33 | 27 ₹ 30 | 25중10 | 27 m 48 | 0m.14 | 0 ~ 31 | 28 🗷 25 | 26중07 | 28 m 54 | 1 m.17 | 1 🗷 29 | 29 🗷 20 | 27304 |
| 2S 3S | 26 m 42 26 m 42 | 29 <u>a</u> 19 | 29 m.55 0 ₹ 16 | 27 ₹ 46 28 ₹ 02 | 25 궁 17 25 궁 25 | 27 m, 48 27 m, 48 | 0 m 22 0 m 31 | 0 ₹ 53 1 ₹ 14 | 28 🗷 41 28 🗷 57 | 26 궁 14 26 궁 22 | 28 m 54 28 m 54 | 1 m.26 1 m.35 | 1 ₹ 51 2 ₹ 12 | 29 ₹36 29 ₹52 | 27중11 27중19 |
| 4S | 26 m 41 | 29 <u>a</u> 27 | 0x·10 0x·38 | 28 ₹ 18 | 25 공 32 | 27 mg 47 | 0 m. 40 | 1 x 14 | 29 × 13 | 26 3 22 | 28 m 53 | 1 m. 44 | 2 x · 12 | 29 x 32 | 27 3 19 27 3 26 |
| 5S | 26 m 41 | 29 ₾ 45 | 0 ~ 59 | 28 ₹ 34 | 25중39 | 27 m 47 | 0m.49 | 1 ~ 58 | 29 🗷 29 | 26중36 | 28 m 53 | 1 m. 53 | 2 × 56 | 0중24 | 27중33 |
| 6S | 26 m 40 | 29 <u>a</u> 53 | 1 × 22 | 28 × 50 | 25 공 47 | 27 mg 47 | 0 m 58 | 2 × 20 | 29 \$745 | 26 공 43 | 28 m 53 | 2 m. 02 | 3×19 | 0324 | 27840 |
| 7S | 26 m/40 | 0 m. 02 | 1 ~ 44 | 29 ₹ 06 | 25중54 | 27 m/46 | 1 m 07 | 2 ₹ 43 | 0중01 | 26궁51 | 28 m 53 | 2 m 11 | 3 ₹ 41 | 0궁56 | 27847 |
| 8S | 26 m/39 | 0m.11 | 2 ₹ 06 | 29 ₹ 23 | 26중01 | 27 m/46 | 1m.16 | 3 ₮ 05 | 0동18 | 26궁58 | 28 m 53 | 2 m 21 | 4 ≉ 04 | 1중13 | 27중55 |
| 9S | 26 m/39 | 0 m. 20 | 2 ₹ 29 | 29 ₹ 39 | 26중09 | 27 m/46 | 1 m 26 | 3 ₹ 28 | 0중34 | 27중05 | 28 m 53 | 2 m. 31 | 4 <i>≱</i> 127 | 1329 | 28중02 |
| 10S | 26 m/38 | 0m.30 | 2 ₹ 52 | 29 ₹ 55 | 26중16 | 27 m/45 | 1 m. 35 | 3 ₹ 52 | 0궁50 | 27중13 | 28 m 52 | 2 m 40 | 4 <i>₹</i> 51 | 1공45 | 28궁09 |
| 11S 12S | 26 m 38 26 m 37 | 0m.39 0m.48 | 3 x 16 3 x 39 | 0중12 0중28 | 26 궁 24 26 궁 31 | 27 m, 45 27 m, 45 | 1 m. 45 1 m. 55 | 4 ₹ 15 4 ₹ 39 | 1 3 07 1 3 23 | 27る20 27る27 | 28 m 52 28 m 52 | 2 m. 50 3 m. 01 | 5 ₹ 14 5 ₹ 38 | 2 3 02 2 3 18 | 28 궁 16 28 궁 24 |
| 12S | 26 m/ 37 | 0 m 58 | 4 × 03 | 0828 | 26중39 | 27 mg 44 | 2 m 05 | 5 ₹ 03 | 1823 | 27835 | 28 m 52 | 3 m 11 | 6 ₹ 03 | 2 3 35 | 28 공 31 |
| 14S | 26 m/36 | 1 m. 08 | 4 ₹ 28 | 1중02 | 26궁46 | 27 m 44 | 2 m 15 | 5 ₹ 28 | 1357 | 27842 | 28 m 52 | 3 m. 21 | 6 ₹ 27 | 2 ප 52 | 28339 |
| 15S | 26 m 35 | 1 m. 18 | 4 <i>₹</i> 153 | 1궁19 | 26궁54 | 27 m 43 | 2 m 25 | 5 <i>≱</i> 153 | 2중14 | 27중50 | 28 mp 51 | 3 m. 32 | 6 <i>₹</i> 52 | 3云09 | 28346 |
| 16S | 26 m 35 | 1 m. 28 | 5 <i>≱</i> 18 | 1중36 | 27중01 | 27 m 43 | 2m36 | 6 <i>x</i> 18 | 2831 | 27중58 | 28 m 51 | 3 m. 43 | 7∡18 | 3ਰ26 | 28854 |
| 17S | 26 m/34 | 1 m. 39 | 5 ₹ 44 | 1궁54 | 27중09 | 27 m 43 | 2 m. 46 | 6 ₹ 44 | 2349 | 28중05 | 28 m 51 | 3 m.54 | 7 . ₹44 | 3중43 | 29중01 |
| 18S | 26 m 34 | 1 m 49 | 6×10 | 2중11 | 27중17 | 27 m 42 | 2m.57 | 7×10 | 3중06 | 28중13 | 28 m 51 | 4 m 05 | 8 × 10 | 4정01 | 29중09 |
| 19S | 26 m 33 | 2 m. 00 | 6×136 | 2중29 | 27중25 | 27 m 42 | 3 m. 09 | 7×137 | 3 ਰ 24 | 28321 | 28 m 51 | 4 m. 17 | 8 * 37 | 4궁19 | 29중17 |
| 20S 21S | 26 m 32 26 m 32 | 2 m 12 2 m 23 | 7 <i>z</i> 103 7 <i>z</i> 131 | 2정47 3정05 | 27중33 27중41 | 27 m/41 27 m/41 | 3 m 20 3 m 32 | 8 ₹ 04 8 ₹ 31 | 3중42 4중00 | 28 중 29 28 중 37 | 28 m/50 28 m/50 | 4 m. 28 4 m. 41 | 9 ₹ 04 9 ₹ 32 | 4 궁 36 4 궁 55 | 29 궁 25 29 궁 33 |
| 21S 22S | 26 m 31 | 2 m 35 | 7 × 31 | 3등05 3등24 | 27 5 41 27 5 49 | 27 mp 41 | 3 m 44 | 9 \$7 00 | 4 5 00 | 28 5 37 28 5 45 | 28 m 50 | 4 m 53 | 10 \$7 00 | 5 日 13 | 29 5 33 29 중 41 |
| 23S | 26 m/31 | 2 m 47 | 8 ₹ 28 | 3 공 43 | 27857 | 27 m 40 | 3 m 56 | 9 ₹ 29 | 4 궁 37 | 28중53 | 28 m 50 | 5 m 06 | 10 🗷 29 | 5 공 32 | 29849 |
| 24S | $26\mathrm{m}30$ | 2m59 | 8 ₹ 57 | 4궁02 | 28중06 | 27 m/40 | 4m09 | 9 ₹ 58 | 4궁56 | 29중01 | 28 m/50 | 5m19 | 10∡58 | 5ਰ51 | 29궁57 |
| 25S | 26 m/29 | 3 m. 12 | 9∡27 | 4중21 | 28중14 | 27 m/39 | 4 m 22 | 10∡28 | 5ਰ15 | 29중10 | 28 m, 49 | 5 m. 32 | 11 ₹ 29 | 6중10 | 0≈05 |
| 26S | 26 m/28 | 3 m 25 | 9∡58 | 4중41 | 28중23 | 27 m/39 | 4m35 | 10 ₹ 59 | 5중35 | 29궁18 | 28 m/49 | 5 m. 46 | 11 ₹ 59 | 6 궁 29 | 0≈14 |
| 27S | 26 m 28 | 3 m 38 | 10 🗷 29 | 5중01 | 28중32 | 27 m 38 | 4m49 | 11 🗷 30 | 5 궁 55 | 29827 | 28 m 49 | 6m.00 | 12 7 31 | 6 3 49 | 0≈22 |
| 28S 29S | 26 m 27 26 m 26 | 3 m. 52 4 m. 06 | 11 ∡ 02 11 ∡ 35 | 5중21 5중42 | 28 궁 40 28 궁 49 | 27 m/38 27 m/37 | 5 m 03 5 m 18 | 12 ∡ 03 12 ∡ 36 | 6 3 15 6 3 36 | 29중36 29중45 | 28 m/49 28 m/48 | 6m.14 6m.29 | 13 ₹ 03 13 ₹ 36 | 7 て 09 7 て 30 | 0≈31 0≈40 |
| 30S | 26 m 26 | 4m.21 | 12 \$\squad 09\$ | 6 국 03 | 28중59 | 27 m 37 | | 13 🗷 10 | 6중57 | 29854 | 28 mg 48 | 6m.45 | 14 🗷 10 | 7 3 51 | 0≈49 |
| 31S | 26 m 25 | 4 m 36 | 12×109 | 6 중 25 | 28 ට 39 | 27 m/36 | 5 m 33 5 m 49 | 13 x 10 | 7중19 | 0≈03 | 28 m 48 | 7m.01 | 14 x 10 | 8중12 | 0≈49 |
| 32S | 26 m/24 | 4m.52 | 13 ~ 19 | 6중47 | 29중18 | 27 m/36 | 6m.05 | 14 ₹ 20 | 7정40 | 0≈13 | 28 m 48 | 7m.18 | 15 ₹ 21 | 8중34 | 1≈08 |
| 33S | 26 m/23 | 5m08 | 13 ₹ 56 | 7궁09 | 29궁27 | 27 m/35 | 6m22 | 14×157 | 8중03 | 0≈22 | 28 m 47 | 7 m 35 | 15 ∡ 58 | 8궁57 | 1≈17 |
| 348 | 26 m/22 | 5 m 25 | 14 ₹ 34 | 7중32 | 29중37 | 27 m, 35 | 6m39 | 15 ₹ 35 | 8중26 | 0≈32 | 28 m, 47 | 7 m.53 | 16∡35 | 9중19 | 1≈27 |
| 35S | 26 m 21 | 5 m. 43 | 15 × 13 | 7중56 | 29중48 | 27 m/34 | 6m.57 | 16×14 | 8349 | 0≈42 | 28 m 47 | 8 m. 11 | 17×14 | 9843 | 1≈37 |
| 36S 37S | 26 m 20 26 m 19 | 6m.01 6m.20 | 15 ₹ 53 16 ₹ 35 | 8 궁 20 8 궁 45 | 29 ප 58 0≈09 | 27 m 33 27 m 33 | 7 m 16 7 m 36 | 16 ₹ 54 17 ₹ 36 | 9 궁 13 9 궁 38 | 0≈53 1≈03 | 28 mg 46 28 mg 46 | 8 m. 30 8 m. 51 | 17∡54 18∡36 | 10 さ 07 10 さ 31 | 1≈47 1≈58 |
| 38S | 26 m 18 | 6m.40 | 10 x 33 | 9중10 | 0≈09 | 27 m 32 | 7 m 56 | | 10중03 | 1≈03 | | 9m.11 | 19 \$7 18 | 10명56 | 2≈08 |
| 39S | 26 m 17 | 7m.01 | 18 ∡ 02 | 9337 | 0≈31 | 27 m 31 | 8m.17 | 19 ₹ 03 | 10궁29 | 1≈25 | 28 m/45 | 9m.33 | 20 ₮ 02 | 11궁22 | 2≈19 |
| 40S | 26 m 16 | 7 m. 23 | 18∡48 | 10궁04 | 0≈43 | 27 m/31 | 8 m. 40 | 19∡48 | 10궁56 | 1≈37 | 28 m/45 | 9 m. 56 | 20 ∡ 48 | 11궁49 | 2≈31 |
| 41S | 26 m/15 | 7m46 | 19∡36 | 10중31 | 0≈54 | 27 m/30 | 9m.03 | 20 ₹ 35 | 11궁24 | 1≈48 | 28 m/45 | 10 m 20 | 21 ₹ 35 | 12중16 | 2≈42 |
| 42S | 26 m 14 | 8m.10 | 20 🗷 25 | 11궁00 | 1≈07 | 27 m 29 | 9m.28 | 21 🗷 24 | 11352 | 2≈00 | 28 m 44 | 10m.45 | 22 🗷 23 | 12344 | 2≈54 |
| 43S 44S | 26 m 13 26 m 12 | 8 m. 35 9 m. 02 | 21 ∡ 16 22 ∡ 09 | 11る29 12る00 | 1≈19 1≈32 | 27 m/28 27 m/28 | 9 m. 54 10 m. 21 | 22 ∡ 15 23 ∡ 08 | 12 3 21 12 3 52 | 2≈13 2≈26 | 28 m/44 28 m/44 | 11 m.12 11 m.40 | 23 ∡ 14 24 ∡ 06 | 13号13 13号43 | 3≈07 3≈19 |
| 45S | 26 m 10 | 9m.30 | 22 x · 09 | 12등31 | | 27 m) 27 | 10 m 50 | 24 × 02 | 13323 | 2≈39 | 28 m 43 | 12 m 09 | 25 × 00 | | 3≈32 |
| 45S 46S | 26 mg 10 | 10m.00 | 23×104 24×101 | 12 6 31 13 중 04 | 1≈46 2≈00 | 27 m/26 | 10 IL 30 | 24 × 02 24 × 59 | 13で23 13で55 | 2≈53 | 28 m 43 | 12 m. 41 | 25 × 100 | 14궁14 14궁46 | 3≈32 |
| 47S | 26 m 07 | 10m.32 | 25 ₮ 00 | 13ਰ37 | 2≈14 | 27 m 25 | 11 m 53 | 25 ₹ 58 | 14중28 | 3≈07 | 28 m 42 | 13 m 14 | 26 ₹ 55 | 15궁19 | 4≈00 |
| 48S | 26 m 06 | 11 m. 06 | 26×02 | 14312 | 2≈29 | 27 m 24 | 12 m. 28 | 27×100 | 15중03 | 3≈22 | 28 m 42 | 13 m.49 | 27 × 56 | 15854 | 4≈15 |
| 49S | 26 mg 04 | 11 m.42 | 27 ₮ 07 | 14궁49 | 2≈45 | 27 m, 23 | 13 m 05 | 28 ₮ 04 | 15중39 | 3≈37 | 28 mg 41 | 14 m.27 | 29 ₮ 00 | 16중29 | 4≈30 |
| 50S | 26 m 03 | 12 m. 20 | 28 × 14 | 15중27 | 3≈01 | 27 m 22 | 13 m. 44 | 29 🗷 10 | 16궁17 | 3≈53 | 28 m 41 | 15 m.07 | 0중06 | 17 궁 06 | 4≈46 |
| 51S 52S | 26 mp 01 25 mp 59 | 13 m. 02 13 m. 47 | 29∡25 0♂38 | 16 궁 06 16 궁 47 | 3≈18 3≈35 | 27 m, 20 27 m, 19 | 14 m 27 15 m 13 | 0중20 1중32 | 16 궁 56 17 궁 36 | 4≈10 4≈27 | 28 mg 40 28 mg 39 | 15 m. 51 16 m. 37 | 1중14 2중26 | 17중45 18중25 | 5≈02 5≈19 |
| 53S | 25 m 57 | 13 1147 14 m 36 | 1공55 | 17중30 | 3≈53 | 27 mg 19 27 mg 18 | 16m.02 | 1632 2 중 48 | 18319 | 4≈27 | 28 m 39 | 17 m. 28 | 2 5 20 3 중 41 | 19 당 07 | 5≈37 |
| 54S | 25 m 55 | 15 m. 28 | 3ਰ15 | 18중15 | 4≈13 | 27 m 16 | 16m.56 | 4궁08 | 19중03 | 5≈04 | 28 m/38 | 18 m. 22 | 4궁59 | 19중51 | 5≈56 |
| 55S | 25 m/52 | 16m.26 | 4궁39 | 19궁02 | 4≈33 | 27 m, 15 | 17m.55 | 5중30 | 19궁49 | 5≈24 | 28 m, 37 | 19 m. 22 | 6중21 | 20중37 | 6≈15 |
| 56S | 25 m 50 | 17m29 | 6중07 | 19궁51 | 4≈54 | 27 m 13 | 18m.59 | 6궁57 | 20중38 | 5≈45 | 28 m/36 | 20 m 28 | 7중47 | 21궁25 | 6≈36 |
| 57S | 25 m 47 | 18m.39 | 7る39 | 20중43 | 5≈16 5×10 | 27 m 11 | 20 m.11 | 8 궁 28 | 21829 | 6≈07 | 28 m 35 | 21 m.40 | 9중16 | 22315 | 6≈57 |
| 58S 59S | 25 m 44 25 m 41 | 19m.57 21m.25 | 9 궁 16 10 궁 57 | 21 궁 37 22 궁 35 | 5≈40 6≈05 | 27 m, 09 27 m, 07 | 21 m.30 22 m.59 | 10 さ 03 11 さ 42 | 22 궁 23 23 궁 19 | 6≈30 6≈55 | 28 m/34 28 m/33 | 23 m.01 24 m.31 | 10る50 12る27 | 23궁08 24궁04 | 7≈20 7≈44 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 25 m 38 25 m 34 | 23 m 04 24 m 58 | 12정43 14정33 | 23 궁 35 24 궁 39 | 6≈31 6≈59 | 27 m ₂ 05 27 m ₂ 03 | 24 m 39 26 m 35 | 13 궁 26 15 궁 15 | 24궁19 25궁22 | 7≈20 7≈48 | 28 m/32 28 m/31 | 26 m. 13 28 m. 10 | 14궁10 15궁57 | 25 궁 03 26 궁 05 | 8≈10 8≈37 |
| 62S | 25 m/ 30 | 27 m 10 | 16중29 | 25 공 47 | 7≈29 | 27 m 00 | 28 m. 49 | 17 3 013 | 25 8 22 | 7≈48 8≈18 | 28 m/ 30 | 0 ₹ 26 | 17 3 49 | 20803 27 중 11 | 9≈06 |
| 63S | 25 m/26 | 29 m 49 | 18중31 | 26궁59 | 8≈02 | 26 m 57 | 1 ₹ 30 | 19る09 | 27る40 | 8≈49 | 28 m, 28 | 3 ₹ 08 | 19ਰ46 | 28중20 | 9≈37 |
| 64S | 25 m/21 | 3 ₮ 04 | 20중38 | 28중16 | 8≈36 | 26 m 54 | 4 ₹ 48 | 21중13 | 28궁55 | 9≈23 | 28 m, 27 | 6 ₹ 28 | 21중48 | 29궁34 | 10≈10 |
| 65S | 25 m/15 | 7 ₹ 22 | 22궁50 | 29궁38 | 9≈13 | 26 m/50 | 9∡09 | 23중23 | 0≈15 | 9≈59 | 28 m/25 | 10 ₹ 52 | 23궁56 | 0≈53 | 10≈45 |
| 66S | 25 m 09 | 13 🗷 56 | 25중08 | 1≈05 | 9≈53 | 26 m 46 | 15 7 49 | 25중39 | 1≈40 | 10≈39 | 28 m 23 | 17×36 | 26중09 | 2≈16 2×06 | 11≈24 |
| pc | 25 m ₂ 05 | 22 ₹ 55 | 26중28 | 1≈56 | 10≈18 | 26 m/43 | 25 ₹ 22 | 26궁57 | 2≈31 | 11≈02 | 28 m, 21 | 27 ₹ 44 | 27중26 | 3≈06 | 11≈47 |

| | Sid.Tir MC: | | 00m A 249'07 | RMC: 1 | .50°00' | Sid.Tir MC: | | 04m A 251'40 | RMC: 1 | 151°00' | Sid.Tit MC: | ne: 10h0 29ຄ | 08m A 254'23 | RMC: 1 | 52°00' |
|------------|-------------------|--------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0호00 | 2 m. 10 | 2 ₹ 05 | 0중00 | 27중54 | 1 ₾ 05 | 3 m. 13 | 3 ∡ 02 | 0중55 | 28중52 | 2 ₾ 10 | 4 m. 15 | 3 ₹ 59 | 1궁50 | 29349 |
| 1S | 0 = 00 | 2m.19 | 2 ₹ 26 | 0중15 | 28중01 | 1 2 0 5 | 3 m 22 | 3 ₹ 24 | 1동10 | 28궁59 | 2 <u>₽</u> 11 | 4 m 25 | 4 <i>₹</i> 21 | 2중06 | 29궁56 |
| 2S | 0 = 00 | 2 m 29 | 2 ₹ 48 | 0중31 | 28중08 | 1 2 05 | 3 m 31 | 3 ∡ 46 | 1る26 | 29중06 | 2 🕰 11 | 4 m 34 | 4 <i>≯</i> 143 | 2ਰ21 | 0≈03 |
| 3S | 0 2 00 | 2 m 38 | 3 🗷 10 | 0중47 | 28316 | 1 2 0 5 | 3 m. 41 | 4×108 | 1342 | 29중13 | 2 <u>2</u> 11 | 4 m. 44 | 5×105 | 2837 | 0≈10 |
| 4S | 0호00 | 2 m.47 | 3 ₹ 32 | 1중03 | 28중23 | 1 ₾ 06 | 3 m. 51 | 4 ₹ 30 | 1중58 | 29중20 | 2 2 12 | 4 m. 54 | 5 <i>≱</i> 128 | 2중53 | 0≈17 |
| 5S | 0 ₽ 00 | 2m.57 | 3 × 55 | 1319 | 28중30 | 1 2 06 | 4m.00 | 4 × 53 | 2314 | 29중27 | 2 <u>□</u> 12 | 5 m. 04 | 5 × 50 | 3중09 | 0≈24 |
| 6S 7S | 0호00 0호00 | 3 m 06 3 m 16 | 4 ₹ 17 4 ₹ 40 | 1중35 1중51 | 28 궁 37 28 궁 44 | 1 <u>0</u> 06 | 4 m 10 4 m 20 | 5 ₹ 15 5 ₹ 38 | 2정30 2정46 | 29 궁 34 29 궁 41 | 2 <u>□</u> 12 2 <u>□</u> 13 | 5 m. 14 5 m. 24 | 6 x 13 | 3 중 25 3 중 41 | 0≈31 0≈38 |
| 8S | 0 2 00 | 3 m 26 | 5×103 | 2중08 | 28 공 51 | 1 2 0 0 | 4 m 30 | 6×101 | 3중03 | 29848 | 2 <u>≈</u> 13 | 5 m 34 | 6×30 | 3 5 58 | 0≈38 |
| 9S | 0ლ00 | 3 m 36 | 5 <i>x</i> 26 | 2824 | 28859 | 1 2 06 | 4 m 40 | 6 ₹ 25 | 3중19 | 29궁55 | 2 <u>□</u> 13 | 5 m. 45 | 7 <i>≠</i> 23 | 4궁14 | 0≈52 |
| 10S | 0호00 | 3 m. 46 | 5 <i>₹</i> 50 | 2중40 | 29중06 | 1 2 07 | 4 m 50 | 6 <i>≵</i> 148 | 3ਰ35 | 0≈03 | 2 <u>₽</u> 14 | 5 m 55 | 7 ~ 47 | 4궁30 | 1≈00 |
| 11S | 0ლ00 | 3 m 56 | 6 <i>≱</i> 13 | 2ਰ57 | 29813 | 1 2 07 | 5 m 01 | 7 ₹ 12 | 3₹52 | 0≈10 | 2 ≏ 14 | 6m06 | 8×11 | 4346 | 1≈07 |
| 12S | 0 = 00 | 4 m 06 | 6∡37 | 3중13 | 29중20 | 1 ≏ 07 | 5 m 12 | 7 ∡ 36 | 4궁08 | 0≈17 | 2 ≏ 14 | 6m17 | 8 ₹ 35 | 5중03 | 1≈14 |
| 13S | 0 დ 00 | 4m.17 | 7 ₹ 02 | 3중30 | 29중28 | 1 2 07 | 5 m 22 | 8×01 | 4중25 | 0≈24 | 2 <u>2</u> 15 | 6m28 | 9₹00 | 5중20 | 1≈21 |
| 14S | 0≖00 | 4 m 27 | 7 <i>≱</i> 27 | 3중47 | 29중35 | 1 ₾ 07 | 5 m 33 | 8 ₹ 26 | 4중42 | 0≈32 | 2 2 15 | 6m39 | 9 ₹ 25 | 5중36 | 1≈28 |
| 15S | 0 ₽ 00 | 4m.38 | 7 ₹ 52 | 4중04 | 29중43 | 1 2 08 | 5m45 | 8 × 51 | 4정58 | 0≈39 | 2 <u>□</u> 16 | 6m.51 | 9.750 | 5중53 | 1≈36 |
| 16S | 0 2 00 | 4 m 50 | 8 x 17 | 4중21 | 29 궁 50 29 궁 58 | 1 2 08 | 5 M 56 | 9 ₹ 17 9 ₹ 43 | 5중15 | 0≈46 0≈54 | 2 <u>0</u> 16 | 7 m. 02 | 10 x 16 10 x 42 | 6 궁 10 | 1≈43 |
| 17S 18S | 0호00 0호00 | 5 m 01 5 m 13 | 8 x 43 9 x 10 | 4중38 4중56 | 29€38 0≈05 | 1 <u>0</u> 08 | 6m.08 6m.20 | 10 \$7 09 | 5 궁 33 5 궁 50 | 0≈54 1≈01 | 2 <u>□</u> 16 2 <u>□</u> 17 | 7 m. 14 7 m. 27 | 10×42 11×108 | 6 3 27 6 3 45 | 1≈50 1≈58 |
| 19S | 0호00 | 5 m 24 | 9×10 | 5중13 | 0≈03 | 1 2 08 | 6 m 32 | 10 🗷 36 | 6중08 | 1≈09 | 2 2 1 7 | 7 m 39 | 11 🗷 35 | 7 3 02 | 2≈05 |
| 20S | 0호00 | 5m.36 | 10 ₹ 04 | 5중31 | 0≈21 | 1 ₾ 09 | 6m.44 | 11 ~ 03 | 6중26 | 1≈17 | 2≘18 | 7 m.52 | 12 ₹ 03 | 7중20 | 2≈13 |
| 21S | 0 ≥ 00 | 5 m 49 | 10 ₹ 32 | 5 공 49 | 0≈29 | 1 2 0 9 | 6m.57 | 11 🗷 31 | 6 공 44 | 1≈25 | 2≘18 | 8 m. 05 | 12×31 | 7중38 | 2≈21 |
| 22S | 0 = 00 | 6m02 | 11 ≉ 00 | 6중07 | 0≈36 | 1 🕰 09 | 7m.10 | 12 ₮ 00 | 7云02 | 1≈32 | 2≏18 | 8m.18 | 12 ₹ 59 | 7궁56 | 2≈29 |
| 238 | 0 2 00 | 6m 15 | 11 7 29 | 6중26 | 0≈44 | 1 2 0 9 | 7 m 23 | 12 ~ 29 | 7る20 | 1≈40 | 2 <u>2</u> 19 | 8 m. 32 | 13 🗷 28 | 8중15 | 2≈36 |
| 24S | 0호00 | 6m.28 | 11 ₹ 59 | 6중45 | 0≈53 | 1 ₾ 09 | 7 m 37 | 12 ₹ 58 | 7중39 | 1≈48 | 2 ₾ 19 | 8 m. 46 | 13 ₹ 58 | 8중33 | 2≈44 |
| 25S | 0 2 00 | 6m.42 | 12 7 29 | 7 さ 04 | 1≈01 | 1 🖴 10 | 7m.51 | 13 🗷 29 | 7정58 | 1≈57 | 2 2 20 | 9m.00 | 14 7 28 | 8중52 | 2≈52 |
| 26S 27S | 0호00 0호00 | 6m.56 7m.10 | 13 द 00 13 द 31 | 7 さ 23 7 さ 43 | 1≈09 1≈18 | 1 <u>0</u> 10 | 8 m 05 8 m 20 | 14 × 00 14 × 31 | 8 중 18 8 중 37 | 2≈05 2≈13 | 2 <u>2</u> 20 2 <u>2</u> 21 | 9 m 15 9 m 30 | 14 ₹ 59 15 ₹ 31 | 9 궁 12 9 궁 31 | 3≈01 3≈09 |
| 28S | 0호00 | 7 m 25 | 14×04 | 8 국 03 | 1≈26 | 1 = 10 | 8 m 35 | 15 \$\sigma 03\$ | 8 3 57 | 2≈22 | 2021 | 9m.45 | 16 \$7 03 | 9 궁 51 | 3≈18 |
| 29S | 0호00 | 7m41 | 14 ≉ 37 | 8중24 | 1≈35 | 1 🕰 11 | 8m.51 | 15 ≉36 | 9궁18 | 2≈31 | 2 ₾ 22 | 10 m 02 | 16∡36 | 10중11 | 3≈26 |
| 30S | 0호00 | 7 m 56 | 15∡11 | 8중45 | 1≈44 | 1≏11 | 9m.07 | 16∡10 | 9중38 | 2≈39 | 2 2 22 | 10 m. 18 | 17 ~ 10 | 10중32 | 3≈35 |
| 31S | 0 = 00 | 8 m 13 | 15 ₹ 45 | 9 궁 06 | 1≈53 | 1 🕰 1 1 | 9m24 | 16 ₹ 45 | 10궁00 | 2≈48 | 2 ≏ 23 | 10m35 | 17 ₹ 44 | 10궁53 | 3≈44 |
| 32S | 0 ₽ 00 | 8m.30 | 16.721 | 9중28 | 2≈03 | 1 🗠 11 | 9m.42 | 17×21 | 10중21 | 2≈58 | 2 <u>2</u> 23 | 10 m. 53 | 18 ₹ 20 | 11315 | 3≈53 |
| 33S 34S | 0호00 0호00 | 8 m. 47 9 m. 06 | 16 ₹ 58 17 ₹ 35 | 9 궁 50 10 궁 13 | 2≈12 2≈22 | 1 <u>□</u> 12 1 <u>□</u> 12 | 10m.00 10m.18 | 17 ₹ 57 18 ₹ 35 | 10중43 11중06 | 3≈07 3≈17 | 2 <u>2</u> 24 | 11 m.11 11 m.30 | 18 ₹ 57 19 ₹ 34 | 11중37 11중59 | 4≈02 4≈12 |
| 35S | 0±00 | | 18 🗷 14 | 10중36 | 2≈32 | 1 - 12 | | 19 🗷 14 | | 3≈26 | 2-2-7 | 11 m. 50 | 20 🗷 13 | | 4≈21 |
| 36S | 0 2 00 | 9 m. 25 9 m. 44 | 18 × 14 | 11중00 | 2≈32 | 1 2 12 | 10 m 38 | 19 \$7.14 | 11궁29 11궁53 | 3≈26 | 2 = 25 | 12 m 11 | 20 x 13 20 x 52 | 12 3 22 12 3 45 | 4≈21 |
| 37S | 0호00 | 10m.05 | 19 ₹ 35 | 11324 | 2≈52 | 1 ₾ 13 | 11 m. 19 | 20 ₹ 34 | 12당17 | 3≈47 | 2 2 2 6 | 12 m 32 | 21 🗷 33 | 13중10 | 4≈41 |
| 38S | 0 = 00 | 10m26 | 20 ∡ 18 | 11궁49 | 3≈03 | 1 ≏ 13 | 11m41 | 21 ∡ 17 | 12る42 | 3≈57 | 2 ≏ 27 | 12 m 54 | 22 ₹ 15 | 13중34 | 4≈52 |
| 398 | 0호00 | 10m.49 | 21 ∡ 02 | 12중15 | 3≈14 | 1 ₾ 14 | 12m.03 | 22 ∡ 00 | 13る07 | 4≈08 | 2 2 28 | 13 m 18 | 22 ₹ 59 | 13중59 | 5≈02 |
| 40S | 0ჲ00 | 11 m 12 | 21 ∡ 47 | 12중41 | 3≈25 | 1 ≏ 14 | 12m27 | 22 ∡ 45 | 13중33 | 4≈19 | 2 ₾ 28 | 13 m.42 | 23 ∡ 44 | 14궁25 | 5≈13 |
| 418 | 0 2 00 | 11 m 37 | 22 🗷 34 | 13중08 | 3≈36 | 1 🗅 14 | 12 m. 52 | 23 🗷 32 | 14궁00 | 4≈30 | 2 2 2 2 9 | 14m.08 | 24 🗷 30 | 14 궁 52 | 5≈24 |
| 42S 43S | 0호00 0호00 | 12 m 02 12 m 29 | 23 🗷 22 24 🗷 12 | 13 궁 36 14 궁 05 | 3≈48 | 1 <u>0</u> 15 | 13 m. 19 13 m. 46 | 24 ∡ 20 25 ∡ 10 | 14궁28 14궁57 | 4≈42 4≈54 | 2 <u>0</u> 30 | 14 m. 34 15 m. 02 | 25 ∡ 18 26 ∡ 07 | 15 る 20 15 る 48 | 5≈36 5≈48 |
| 44S | 0호00 | 12 m 58 | 25×104 | 14중35 | 4≈13 | 1 2 16 | 14 m. 15 | 26×10 | 15중26 | 5≈06 | 2 <u>∞</u> 31 | 15 m 32 | 26 ₹ 58 | 16중17 | 6≈00 |
| 45S | 0호00 | 13 m 28 | 25 ₹ 58 | 15중05 | 4≈26 | 1 - 16 | 14 m.46 | 26 ₹ 55 | 15궁56 | 5≈19 | 2₽32 | 16 m. 03 | 27 <i>≱</i> 51 | 16중47 | 6≈13 |
| 46S | 0₽00 | 14m.00 | 26 ₹ 54 | 15중37 | 4≈39 | 1 2 16 | 15 m 19 | 27 ₹ 50 | 16중28 | 5≈33 | 2 ≘ 33 | 16m36 | 28 ₹ 46 | 17궁19 | 6≈26 |
| 47S | 0 호 00 | 14m.34 | 27 ₹ 52 | 16궁10 | 4≈53 | 1 <u>0</u> 17 | 15 m 53 | 28 × 48 | 17중00 | 5≈46 | 2 <u>0</u> 34 | 17m.11 | 29 🗷 43 | 17공51 | 6≈39 |
| 48S 49S | 0호00 0호00 | 15 m 10 15 m 48 | 28 🖈 52 29 🖈 55 | 16 공 44 | 5≈08 5≈22 | 1 <u>≏</u> 17 1 <u>≏</u> 18 | 16m30 17m09 | 29才48 0궁50 | 17 る 34 18 る 09 | 6≈00 6≈15 | 2 <u>0</u> 35 2 <u>0</u> 36 | 17 m.49 | 0중43 | 18 궁 24 18 궁 59 | 6≈53 7≈08 |
| | | | | 17 궁 19 | 5≈22 5 20 | | | | | 6≈15 | | 18 m. 28 | 1344 | | |
| 50S 51S | 0호00 0호00 | 16 m 29 17 m 13 | 1중00 2중08 | 17중56 18중34 | 5≈38 5≈54 | 1 ⊆ 19 | 17 m. 50 18 m. 35 | 1정54 3정02 | 18 궁 45 19 궁 23 | 6≈30 | 2 <u>0</u> 37 | 19m.11 19m.56 | 2정48 3정55 | 19 궁 35 20 궁 12 | 7≈23 7≈39 |
| 52S | 0호00 | 17 IL 13 | 2 5 08 3 중 19 | 19중14 | 5≈34 6≈11 | 1 2 20 | 19 m 23 | 4중12 | 20중03 | 7≈03 | 2 <u>2</u> 39 | 20 m. 45 | 5 중 04 | 20중12 | 7≈39 7≈55 |
| 53S | 0 ☎ 00 | 18 m 52 | 4중33 | 19궁55 | 6≈29 | 1 € 20 | 20m.16 | 5중25 | 20중44 | 7≈20 | 2 <u>₽</u> 41 | 21 m.38 | 6궁16 | 21중32 | 8≈12 |
| 54S | 0호00 | 19m.48 | 5ਰ51 | 20궁39 | 6≈47 | 1 ₾ 21 | 21 m 12 | 6중41 | 21중26 | 7≈38 | 2 ≏ 43 | 22 m 35 | 7중31 | 22중14 | 8≈30 |
| 55S | 0 = 00 | 20m49 | 7ਰ11 | 21궁24 | 7≈06 | 1 ₾ 22 | 22 m 14 | 8동01 | 22중11 | 7≈57 | 2 ≏ 44 | 23 m 37 | 8중50 | 22궁58 | 8≈49 |
| 56S | 0 2 00 | 21 m 55 | 8중36 | 22중11 | 7≈26 | 1 € 23 | 23 m 21 | 9중24 | 22궁58 | 8≈17 | 2 <u>2</u> 46 | 24 m 46 | 10312 | 23344 | 9≈08 |
| 57S 58S | 0호00 0호00 | 23 m 09 24 m 30 | 10중04 11중36 | 23중01 23중53 | 7≈48 8≈10 | 1 <u>⊕</u> 24 1 <u>⊕</u> 25 | 24 m 35 25 m 58 | 10중51 12중22 | 23중47 24중38 | 8≈38 9≈00 | 2 <u>2</u> 48 2 <u>2</u> 50 | 26 m. 01 27 m. 24 | 11중38 13중07 | 24중33 25중23 | 9≈29 9≈51 |
| 59S | 0호00 | 26 m 01 | 11630 13 중 12 | 23 6 33 24 중 48 | 8≈34 | 1 2 2 3 | 27 m 30 | 12·622 13·중56 | 25 군 33 | 9≈24 | 2 <u>2</u> 52 | 28 m. 57 | 13 8 07 14 중 40 | 25823 | 10≈13 |
| 60S | 0≖00 | 27 m. 44 | 14중53 | 25346 | 8≈59 | 1 2 2 7 | 29 m. 14 | 15중35 | 26중30 | 9≈48 | 2₽54 | 0 🗷 42 | 16중18 | 27중13 | 10≈38 |
| 61S | 0200 | 29 m. 43 | 16공38 | 26 공 47 | 9≈26 | 1 2 2 8 | 1 7 14 | 17 日 19 | 27 공 30 | 10≈14 | 2 2 2 5 6 | 2 🗷 42 | 17 공 59 | 28 중 12 | 11≈03 |
| 62S | 0호00 | 2 ₹ 00 | 18중28 | 27중52 | 9≈54 | 1 ₾ 29 | 3 ₹ 32 | 19궁07 | 28중33 | 10≈42 | 2ჲ59 | 5 ₹ 02 | 19 궁 46 | 29중15 | 11≈31 |
| 63S | 0 2 00 | 4 🗷 44 | 20云23 | 29중00 | 10≈24 | 1 € 31 | 6₹17 | 21궁00 | 29341 | 11≈12 | 3 ₾ 02 | 7 🗷 47 | 21궁37 | 0≈21 | 12≈00 |
| 648 | 0 ₽ 00 | 8 🗷 06 | 22323 | 0≈13 | 10≈57 | 1 - 32 | 9 🗷 40 | 22궁58 | 0≈52 | 11≈44 | 3 2 0 5 | 11 7 11 | 23 33 | 1≈31 | 12≈31 |
| 65S | 0호00 0호00 | 12 ∡ 30 19 ∡ 17 | 24궁28 26궁39 | 1≈30 | 11≈32 12≈09 | 1 <u>⊕</u> 34 1 <u>⊕</u> 36 | 14×105 | 25 る 01 27 る 09 | 2≈08 | 12≈18 | 3 ₾ 09 | 15 ₹ 36 22 ₹ 19 | 25 궁 33 27 궁 39 | 2≈45 4≈04 | 13≈04 13≈40 |
| 66S pc | 0호00 0亚00 | 19×17 29×159 | 26 ~3 9 27 ~5 4 | 2≈52 3≈41 | 12≈09 | 1 1 2 36 | 20 <i>코</i> 51 0중27 | 27 중 09 28 중 23 | 3≈28 4≈16 | 12≈55 13≈17 | 3 <u>₽</u> 13 | 0중56 | 27 ~ 39 28 ~ 52 | 4≈04 4≈51 | 13≈40 |
| PC | 0=00 | 27 × 39 | 2,034 | J~41 | 12~32 | 1=30 | 0021 | 20023 | →~10 | 13817 | J=10 | 0030 | 20032 | 7~21 | 17~02 |

| | Sid.Tir MC: | | 12m A 57'16 | RMC: 1 | 53°00' | Sid.Tir MC: | | 16m A 00'18 | RMC: 1 | 54°00' | Sid.Tir MC: | | 20m A 03'29 | RMC: 1 | 55°00' |
|------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 3 ≏ 16 | 5 m 17 | 4 <i>≯</i> 156 | 2845 | 0≈47 | 4 <u>₽</u> 21 | 6m.19 | 5 ₹ 53 | 3ਰ40 | 1≈45 | 5 2 26 | 7 m.21 | 6 ≯ 50 | 4중35 | 2≈43 |
| 1S | 3 <u>□</u> 16 | 5 m 27 | 5×18 | 3중01 | 0≈54 | 4 <u>₽</u> 22 | 6m.29 | 6×15 | 3중56 | 1≈52 | 5 2 27 | 7m.31 | 7 ₹ 12 | 4 공 51 | 2≈49 |
| 2S 3S | 3 <u>₽</u> 17 | 5 m 37 5 m 47 | 5 x 40 6 x 03 | 3중16 3중32 | 1≈01 1≈08 | 4 <u>0</u> 22 | 6m.39 6m.49 | 6 ₹ 38 7 ₹ 00 | 4중12 4중27 | 1≈58 2≈05 | 5 <u>⊕</u> 28 | 7 m. 41 7 m. 52 | 7 \$\sigma 35 7 \$\sigma 57 | 5 3 07 5 3 22 | 2≈56 3≈03 |
| 4S | 3 - 18 | 5 m 57 | 6 ₹ 25 | 3 3 32 | 1≈05 | 4 <u>2</u> 23 | 6m.59 | 7 ₹ 00 | 4 3 43 | 2≈12 | 5 € 30 | 8 m. 02 | 8 ₹ 20 | 5 3 38 | 3≈10 |
| 5S | 3 <u>₽</u> 18 | 6m.07 | 6 <i>≱</i> 148 | 4궁04 | 1≈22 | 4 <u>₽</u> 24 | 7 m. 10 | 7 <i>≱</i> 46 | 4궁59 | 2≈19 | 5 <u>₽</u> 31 | 8 m. 13 | 8 ~ 43 | 5중54 | 3≈17 |
| 6S | 3 △ 19 | 6m17 | 7 <i>≯</i> 11 | 4궁20 | 1≈29 | 4 <u>₽</u> 25 | 7 m 20 | 8 ₹ 09 | 5ਰ15 | 2≈26 | 5≏31 | 8 m. 23 | 9₹06 | 6궁10 | 3≈24 |
| 7S | 3 ₾ 19 | 6m.28 | 7 <i>₹</i> 34 | 4중36 | 1≈36 | 4 <u>0</u> 26 | 7m.31 | 8 ₹ 32 | 5중31 | 2≈33 | 5 <u>0</u> 32 | 8 m. 34 | 9 <i>₹</i> 29 | 6 궁 26 | 3≈31 |
| 8S 9S | 3 <u>₽</u> 20 | 6m.38 6m.49 | 7 ₹ 57 8 ₹ 21 | 4궁52 5궁09 | 1≈43 | 4 <u>0</u> 26 4 <u>0</u> 27 | 7 m. 42 7 m. 53 | 8 ₹ 55 9 ₹ 19 | 5 3 47 6 3 04 | 2≈40 2≈47 | 5 <u>⊕</u> 33 | 8 m. 45 8 m. 57 | 9 ₹ 53 10 ₹ 17 | 6 3 42 6 3 58 | 3≈37 |
| 10S | 3 - 20 | 7 m. 00 | 8 × 45 | 5중25 | 1≈57 | 4≘28 | 8 m. 04 | 9 🗷 43 | 6 궁 20 | 2≈54 | 5 € 35 | 9 m. 08 | 10×17 | 7중15 | 3≈51 |
| 11S | 3 2 21 | 7 m 11 | 9 2 0 0 9 | 5 ਰ 23 | 2≈04 | 4 <u>0</u> 29 | 8 m. 15 | 10 × 07 | 6336 | 3≈01 | 5 2 3 6 | 9m.19 | 11 🗷 05 | 7 3 13 | 3≈58 |
| 12S | 3 ₾ 22 | 7 m 22 | 9∡33 | 5중58 | 2≈11 | 4₽29 | 8 m 27 | 10 ₮ 32 | 6궁52 | 3≈08 | 5 ≏ 37 | 9m31 | 11 ∡ 30 | 7중47 | 4≈05 |
| 13S | 3 ₾ 22 | 7 m 33 | 9 🗷 58 | 6중14 | 2≈18 | 4 <u>0</u> 30 | 8m.38 | 10 🗷 56 | 7309 | 3≈15 | 5 2 38 | 9m.43 | 11 🗷 55 | 8 궁 04 | 4≈12 |
| 148 | 3 € 23 | 7 m. 45 | 10 \$\times 23 | 6중31 | 2≈25 | 4 <u>0</u> 31 | 8 m. 50 | 11 🗷 22 | 7 궁 26 | 3≈22 | 5 <u>0</u> 39 | 9 m. 55 | 12 7 20 | 8중20 | 4≈19 |
| 15S 16S | 3 <u>₽</u> 24 | 7 m. 56 8 m. 08 | 10 x 49 11 x 14 | 6 궁 48 7 궁 05 | 2≈32 2≈40 | 4 <u>0</u> 32 | 9m.02 9m.14 | 11 ∡ 47 12 ∡ 13 | 7 3 42 7 3 59 | 3≈29 3≈36 | 5 ≘ 39 5 ≘ 40 | 10m.07 | 12 ₹ 45 13 ₹ 11 | 8 궁 37 8 궁 54 | 4≈26 4≈33 |
| 17S | 3 <u>□</u> 25 | 8 m. 21 | 11 \$741 | 7 3 03 | 2≈47 | 4 <u>0</u> 33 | 9m.27 | 12 × 13 | 8중16 | 3≈44 | 5-40 | 10 m 32 | 13 🗷 38 | 9311 | 4≈40 |
| 18S | 3 ≏ 25 | 8m33 | 12 ₹ 07 | 7339 | 2≈54 | 4 <u>0</u> 34 | 9m39 | 13 ₹ 06 | 8중34 | 3≈51 | 5 ≙ 42 | 10m45 | 14 ₹ 04 | 9る28 | 4≈48 |
| 19S | 3 ≏ 26 | 8m.46 | 12 ∡ 34 | 7정57 | 3≈02 | 4 ≏ 35 | 9m.52 | 13 ₹ 33 | 8중51 | 3≈58 | 5 ≏ 43 | 10 m. 59 | 14∡31 | 9 궁 45 | 4≈55 |
| 20S | 3 <u>₽</u> 27 | 8 m 59 | 13 × 02 | 8중14 | 3≈09 | 4 <u>0</u> 36 | 10m.06 | 14×101 | 9 궁 09 | 4≈06 | 5 △ 44 | 11 m.12 | 14 × 59 | 10중03 | 5≈02 |
| 21S 22S | 3 <u>₽</u> 27 3 <u>₽</u> 28 | 9m.12 9m.26 | 13 ₹ 30 13 ₹ 58 | 8 궁 32 8 궁 50 | 3≈17 3≈25 | 4 <u>0</u> 36 | 10m.19 10m.33 | 14 ₹ 29 14 ₹ 57 | 9 궁 27 9 궁 45 | 4≈13 4≈21 | 5 2 45 5 2 47 | 11 m.26 11 m.40 | 15 ₹27 15 ₹56 | 10 궁 21 10 궁 39 | 5≈10 5≈17 |
| 23S | 3 <u>2</u> 28 | 9m.40 | 14×27 | 9중09 | 3≈33 | 4 <u>0</u> 38 | 10m.47 | 15×26 | 10중03 | 4≈29 | 5 2 48 | 11 m 55 | 16×25 | 10명57 | 5≈25 |
| 24S | 3 ₾ 29 | 9m.54 | 14 ∡ 57 | 9궁27 | 3≈40 | 4요39 | 11 m 02 | 15 ₹ 56 | 10중21 | 4≈37 | 5 ≏ 49 | 12 m 09 | 16 ₹ 54 | 11궁15 | 5≈33 |
| 25S | 3 ₾ 30 | 10m.09 | 15 ₹ 27 | 9 궁 46 | 3≈48 | 4 △ 40 | 11 m 17 | 16∡26 | 10중40 | 4≈44 | 5≗50 | 12 m 25 | 17∡25 | 11중34 | 5≈41 |
| 26S | 3 △ 31 | 10 m. 24 | 15 × 58 | 10궁06 | 3≈57 | 4 🕰 41 | 11 m. 32 | 16 🗷 57 | 10궁59 | 4≈53 | 5 <u>0</u> 51 | 12 m 40 | 17×56 | 11공53 | 5≈49 |
| 27S 28S | 3 <u>⊕</u> 31 3 <u>⊕</u> 32 | 10m39 10m55 | 16 ₹ 30 17 ₹ 02 | 10중25 10중45 | 4≈05 4≈13 | 4 <u>0</u> 42 4 <u>0</u> 43 | 11 m.48 12 m.04 | 17 ₹ 29 18 ₹ 01 | 11 궁 19 | 5≈01 5≈09 | 5 ⊕ 52 5 ⊕ 53 | 12 m. 56 13 m. 13 | 18 ₹ 27 18 ₹ 59 | 12 る 12 12 る 32 | 5≈57 6≈05 |
| 29S | 3 ₾ 33 | 11 m. 11 | 17×02 | 11중05 | 4≈22 | 4 <u>0</u> 44 | 12 m 21 | 18 🗷 34 | 11359 | 5≈17 | 5 2 5 5 | 13 m 30 | 19 🗷 32 | 12 3 52 | 6≈13 |
| 30S | 3 ≏ 34 | 11 m. 28 | 18∡09 | 11중26 | 4≈30 | 4 <u>₽</u> 45 | 12 m 38 | 19∡07 | 12319 | 5≈26 | 5₽56 | 13 m.48 | 20 ₹ 06 | 13云12 | 6≈22 |
| 31S | 3 ≏ 34 | 11 m 46 | 18 ₹ 43 | 11궁47 | 4≈39 | 4≏46 | 12m56 | 19∡42 | 12중40 | 5≈35 | 5≗57 | 14m.06 | 20 ∡ 40 | 13중33 | 6≈30 |
| 32S 33S | 3 <u>⊕</u> 35 | 12 m 04 12 m 23 | 19 ₹ 19 19 ₹ 55 | 12 る 08 12 る 30 | 4≈48 4≈57 | 4 <u>ወ</u> 47 4 <u>ወ</u> 48 | 13 m 15 13 m 34 | 20 ∡ 17 20 ∡ 54 | 13중01 13중23 | 5≈44 5≈53 | 5 <u>⊕</u> 59 | 14 m. 25 14 m. 44 | 21 🗷 16 21 🗷 52 | 13 궁 54 14 궁 16 | 6≈39 6≈48 |
| 34S | 3 ♣ 30 | 12 m 42 | 19x·33 20 ₹33 | 12 3 30 12 3 52 | 5≈07 | 4 <u>0</u> 49 | 13 m 53 | 20 x 34 21 × 31 | 13823 | 6≈02 | 6 <u>2</u> 02 | 15 m. 04 | 21 x·32 22 x 29 | 14838 | 6≈57 |
| 35S | 3മ38 | 13 m. 02 | 21 🗷 11 | 13중15 | 5≈16 | 4 <u>₽</u> 50 | 14m.14 | 22 ₹ 09 | 14중08 | 6≈11 | 6₽03 | 15 m.25 | 23 ₮ 07 | 15중00 | 7≈06 |
| 36S | 3 ₾ 39 | 13 m 23 | 21 🗷 51 | 13중38 | 5≈26 | 4₽52 | 14m.35 | 22 ₹ 49 | 14중31 | 6≈21 | 6≏05 | 15 m 47 | 23 ₹ 46 | 15중23 | 7≈16 |
| 37S | 3 <u>0</u> 40 | 13 m 45 | 22 🗷 31 | 14중02 | 5≈36 | 4 <u>0</u> 53 | 14m.57 | 23 🗷 29 | 14354 | 6≈31 | 6₽06 | 16m.09 | 24 × 27 | 15847 | 7≈26 |
| 38S 39S | 3 <u>₽</u> 41 3 <u>₽</u> 42 | 14m.08 14m.31 | 23 ∡ 13 23 ∡ 57 | 14궁27 14궁52 | 5≈46 5≈57 | 4 <u>0</u> 54 4 <u>0</u> 56 | 15 m. 21 15 m. 45 | 24 🗷 11 24 🗷 54 | 15 る 19 15 る 44 | 6≈41 6≈51 | 6 <u>요</u> 08 | 16m.33 16m.57 | 25 ₹ 08 25 ₹ 51 | 16 궁 11 16 궁 36 | 7≈36 7≈46 |
| 40S | 3 <u>-</u> 43 | 14m.56 | 24 🗷 41 | 15중17 | 6≈08 | 4 <u>₽</u> 57 | 16 m 10 | 25 🗷 38 | 16중09 | 7≈02 | 6211 | 17 m.23 | 26 × 35 | 17중01 | 7≈56 |
| 41S | 3 <u>⊶</u> 43 | 15 m 22 | 25 🗷 27 | 15 공 44 | 6≈19 | 4 <u>2</u> 57 | 16m.36 | 26 × 24 | 16중36 | 7≈02 7≈13 | 6≗13 | 17 m 50 | 20 x 33 27 x 20 | 17827 | 8≈07 |
| 42S | 3 ≙ 45 | 15 m 49 | 26 ₮ 15 | 16중11 | 6≈30 | 5≗00 | 17m.04 | 27 ₹ 11 | 17る03 | 7≈24 | 6₽15 | 18 m 18 | 28 🗷 07 | 17쥥54 | 8≈18 |
| 43S | 3 △ 46 | 16m.18 | 27×104 | 16궁39 | 6≈42 | 5 <u>0</u> 02 | 17m.33 | 28 🗷 00 | 17 3 31 | 7≈36 | 6 △ 17 | 18m.47 | 28 🗷 56 | 18322 | 8 ≈ 30 |
| 448 | 3 <u>₽</u> 47 | 16m.48 | 27 x 55 | 17중08 | 6≈54 | 5 2 03 | 18 m. 03 | 28 🗷 50 | 17 3 59 | 7≈48 | 6219 | 19 m. 18 | 29 🗷 46 | 18궁50 | 8≈42 |
| 45S 46S | 3 <u>₽</u> 49 | 17 m. 20 17 m. 53 | 28 ∡ 47 29 ∡ 42 | 17 さ 38 18 さ 09 | 7≈06 7≈19 | 5 ♀ 05 5 ♀ 07 | 18 m. 36 19 m. 10 | 29 ≉43 0♂37 | 18 궁 29 18 궁 59 | 8≈00 8≈13 | 6 <u>₽</u> 21 | 19 m. 51 20 m. 25 | 0중38 1중31 | 19 궁 19 19 궁 50 | 8≈54 9≈06 |
| 47S | 3 ₾ 52 | 18m.29 | 0중38 | 18중41 | 7≈33 | 5 ₾ 09 | 19m.46 | 1중33 | 19중31 | 8≈26 | 6₽26 | 21 m.02 | 2중27 | 20중21 | 9≈19 |
| 48S | 3 <u>0</u> 53 | 19m.07 | 1 궁 37 | 19314 | 7≈46 | 5 2 11 | 20 m. 24 | 2중31 | 20중04 | 8≈39 0 54 | 6229 | 21 m.41 | 3 공 24 | 20중53 | 9≈33 |
| 498 | 3 ≏ 55 | 19m.47 | 2338 | 19중48 | 8≈01 | 5 2 13 | 21 m.05 | 3중31 | 20중38 | 8≈54 | 6231 | 22 m.22 | 4324 | 21327 | 9≈46 |
| 50S 51S | 3 ≏ 56 3 ≏ 58 | 20 m 30 21 m 16 | 3정41 4정47 | 20중24 21중01 | 8≈16 | 5 2 15 | 21 m.49 22 m.35 | 4 궁 34 5 궁 39 | 21 궁 13 21 궁 49 | 9≈08 9≈23 | 6 <u>₽</u> 34 | 23 m.06 23 m.53 | 5 궁 26 6 궁 30 | 22 る 02 22 る 38 | 10≈01 10≈16 |
| 51S 52S | 3 <u>2</u> 58 4 <u>2</u> 00 | 21 m 16 22 m 06 | 5중56 | 21 중 01 21 중 39 | 8≈31 8≈47 | 5 <u>0</u> 18 | 22 IIL 35 23 m 25 | 5 6 39 6 중 47 | 21·849 22·827 | 9≈23 | 6 <u>0</u> 3/ | 23 IL 53 24 m.44 | 7중37 | 22 ~38 23 ~1 5 | 10≈16 |
| 53S | 4≗02 | 22 m 59 | 7807 | 22중19 | 9≈04 | 5 ≏ 23 | 24m19 | 7중57 | 23중07 | 9≈56 | 6 ≙ 44 | 25 m 39 | 8중47 | 23궁55 | 10≈48 |
| 54S | 4 ♀ 04 | 23 m 57 | 8중21 | 23중01 | 9≈22 | 5≗26 | 25 m 18 | 9궁10 | 23중48 | 10≈13 | 6≗47 | 26 m. 38 | 9궁59 | 24궁35 | 11≈05 |
| 55S | 4 2 07 | 25 m 00 | 9중39 | 23~345 | 9≈40 | 5 ₾ 29 | 26 m. 22 | 10중27 | 24중31 | 10≈31 | 6251 | 27 m.42 | 11중15 | 25중18 | 11≈23 |
| 56S 57S | 4요09 4요12 | 26m.09 27m.25 | 11 る 00 12 る 24 | 24 궁 30 25 궁 18 | 9≈59 10≈19 | 5 <u>⊕</u> 32 5 <u>⊕</u> 36 | 27 m. 31 28 m. 48 | 11중47 13중10 | 25 궁 16 26 궁 03 | 10≈50 11≈10 | 6 <u>₽</u> 55 7 <u>₽</u> 00 | 28 m. 52 0 x 09 | 12중33 13중55 | 26 궁 02 26 궁 49 | 11≈41 12≈01 |
| 58S | 4 <u>1</u> 12 4 <u>1</u> 12 | 28 m 49 | 12·52·4 13·중52 | 23 5 18 | 10≈19 | 5 € 40 | 0 \$7 12 | 14중36 | 26중53 | 11≈10 | 7≗00 | 1 2 34 | 15 日 33 | 20 5 49 27 궁 37 | 12×01 12×21 |
| 59S | 4≗18 | 0 ₹ 23 | 15중24 | 27중01 | 11≈03 | 5 ≏ 44 | 1 ₹ 47 | 16중07 | 27중45 | 11≈53 | 7≗10 | 3 ₹ 09 | 16궁50 | 28중28 | 12≈43 |
| 60S | 4 ≏ 21 | 2 ₹ 09 | 17궁00 | 27궁56 | 11≈27 | 5 ≏ 48 | 3 ₹ 33 | 17ਰ41 | 28궁39 | 12≈16 | 7 ≙ 15 | 4 ₹ 56 | 18중23 | 29궁22 | 13≈06 |
| 61S | 4 <u>0</u> 25 | 4 🗷 09 | 18840 | 28854 | 11≈52 | 5 2 53 | 5×34 | 19중20 | 29중36 | 12≈41 | 7 2 2 1 | 6×58 | 19궁59 | 0≈19 | 13≈30 |
| 62S 63S | 4 <u>₽</u> 29 4 <u>₽</u> 33 | 6 <i>₹</i> 29 9 <i>₹</i> 15 | 20중24 22중13 | 29 궁 56 1≈01 | 12≈19 12≈47 | 5요58 6요04 | 7 ₹ 55 10 ₹ 41 | 21정02 22정50 | 0≈37 1≈41 | 13≈07 13≈35 | 7 <u>₽</u> 28 | 9 ₹ 18 12 ₹ 04 | 21중41 23중26 | 1≈18 2≈21 | 13≈56 14≈23 |
| 64S | 4 <u>2</u> 33 | 12 \$\sigma 39 | 22 3 13 24 3 07 | 2≈10 | 13≈18 | 6 <u>2</u> 11 | 14 × 04 | 22 3 30 24 3 41 | 2≈49 | 14≈05 | 7 <u>2</u> 33 | 15×126 | 25 3 26 | 3≈27 | 14≈23 14≈52 |
| 65S | 4 ≙ 44 | 17 ₹ 03 | 26궁06 | 3≈23 | 13≈51 | 6≏18 | 18 ₹ 27 | 26궁38 | 4≈00 | 14≈37 | 7ჲ53 | 19 <i>≱</i> 47 | 27중10 | 4≈38 | 15≈24 |
| 66S | 4≗50 | 23 ₹ 41 | 28궁09 | 4≈40 | 14≈26 | 6 ≏ 27 | 24 ₹ 57 | 28궁39 | 5≈16 | 15≈11 | 8호03 | 26 ₮ 09 | 29궁09 | 5≈52 | 15≈57 |
| pc | 4 2 54 | 1827 | 29궁20 | 5≈26 | 14≈47 | 6₽32 | 1중58 | 29궁49 | 6≈01 | 15≈32 | 8호09 | 2ਰ31 | 0≈18 | 6≈36 | 16≈17 |

| | Sid.Tin MC: | | 24m A 16'50 | RMC: 1 | 56°00' | Sid.Tir MC: | | 28m A 0'20 | RMC: 1 | 157°00' | Sid.Tir MC: | ne: 10h; | 32m A 3'59 | RMC: 1 | 58°00' |
|--------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------|---------------------------------|----------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 6₽32 | 8 m. 22 | 7 <i>≱</i> 146 | 5중30 | 3≈41 | 7ჲ37 | 9 m. 23 | 8 <i>≱</i> 143 | 6궁25 | 4≈39 | 8ჲ42 | 10 m 24 | 9∡39 | 7る20 | 5≈38 |
| 1S | 6 ≙ 33 | 8 m. 32 | 8 ₹ 09 | 5ਰ46 | 3≈48 | 7 ≏ 38 | 9m34 | 9 ₹ 05 | 6 ਰ 41 | 4≈46 | 8 ≏ 43 | 10 m 35 | 10 ₮ 02 | 7중36 | 5≈44 |
| 2S | 6 ₽ 34 | 8 m. 43 | 8 ₹ 31 | 6중02 | 3≈54 | 7 ≏ 39 | 9m.45 | 9 ₹ 28 | 6궁57 | 4≈52 | 8 ≏ 45 | 10m.46 | 10 ₹ 25 | 7중52 | 5≈51 |
| 3S 4S | 6 <u>₽</u> 35 | 8 m 54 9 m 04 | 8 ₹ 54 9 ₹ 17 | 6 궁 18 6 궁 33 | 4≈01 4≈08 | 7 ♀ 40 7 ♀ 42 | 9 m. 56 10 m. 07 | 9∡51 10∡14 | 7중13 7중28 | 4≈59 5≈06 | 8 요 46 8 요 47 | 10 m. 57 11 m. 09 | 10∡48 11∡11 | 8 궁 08 8 궁 24 | 5≈57 6≈04 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 6 <u>₽</u> 37 | 9 m 15 9 m 26 | 9 ₹ 40 10 ₹ 03 | 6 궁 49 7 궁 05 | 4≈15 4≈21 | 7 <u>⊶</u> 43 | 10 m. 18 10 m. 29 | 10 ₹37 11 ₹00 | 7 3 44 8 3 00 | 5≈13 5≈19 | 8 <u>요</u> 49 8 <u>요</u> 50 | 11 m.20 11 m.31 | 11 ∡ 34 11 ∡ 57 | 8 云 39 8 云 55 | 6≈11 6≈17 |
| 7S | 6₽39 | 9 m 37 | 10 x · 03 10 z · 27 | 7803 7 8 21 | 4≈21 | 7 <u>2</u> 44 7 <u>2</u> 45 | 10 m 40 | 11 × 00 | 8중16 | 5≈26 | 8 <u>2</u> 51 | 11 m. 43 | 11 x·37 12 z 21 | 9중11 | 6≈24 |
| 8S | 6240 | 9m.49 | 10 \$750 | 7중37 | 4≈35 | 7 ≙ 46 | 10 m 52 | 11 🗷 48 | 8중32 | 5≈33 | 8₽53 | 11 m 55 | 12 🗷 45 | 9 궁 27 | 6≈31 |
| 9S | 6 ≏ 41 | 10m.00 | 11 % 14 | 7중53 | 4≈42 | 7 ≏ 48 | 11 m 03 | 12 ₹ 12 | 8국48 | 5≈39 | 8₽54 | 12 m 06 | 13 ₮ 09 | 9 궁 43 | 6≈37 |
| 10S | 6₽42 | 10m.12 | 11 ≉ 38 | 8국09 | 4≈49 | 7 亞 49 | 11 m 15 | 12 ∡ 36 | 9 궁 04 | 5≈46 | 8₽56 | 12 m 18 | 13 ₹ 33 | 9궁59 | 6≈44 |
| 11S | 6 ≙ 43 | 10 m. 23 | 12 ₹ 03 | 8중26 | 4≈55 | 7 ≙ 50 | 11 m 27 | 13 ₹ 00 | 9る20 | 5≈53 | 8 ≏ 57 | 12m31 | 13 ₹ 58 | 10궁15 | 6≈51 |
| 12S | 6 △ 44 | 10m.35 | 12 7 28 | 8 궁 42 | 5≈02 5 00 | 7 <u>₽</u> 51 | 11 m. 39 | 13 🗷 25 | 9 궁 37 | 6≈00 | 8 <u>0</u> 59 | 12 m. 43 | 14 7 23 | 10중31 | 6≈57 |
| 13S 14S | 6 ♀ 45 6 ♀ 46 | 10m.47 11m.00 | 12 ₹ 52 13 ₹ 18 | 8 궁 58 9 궁 15 | 5≈09 5≈16 | 7 ♀ 53 7 ♀ 54 | 11 m.52 12 m.04 | 13 ∡ 50 14 ∡ 16 | 9 궁 53 10 궁 10 | 6≈07 | 9 亞 00 | 12 m. 56 13 m. 08 | 14 ∡ 48 15 ∡ 13 | 10중48 11중04 | 7≈04 7≈11 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 6 ♀ 47 | 11 m 12 11 m 25 | 13 ₹ 43 14 ₹ 09 | 9 る 32 9 る 48 | 5≈23 5≈30 | 7 ≏ 55 7 ≏ 57 | 12 m 17 12 m 30 | 14 ∡ 41 15 ∡ 07 | 10중26 10중43 | 6≈20 6≈27 | 9 <u>0</u> 03 | 13 m.21 13 m.34 | 15 ₹ 39 16 ₹ 05 | 11る21 11る37 | 7≈18 7≈25 |
| 17S | 6≗50 | 11 m. 38 | 14 🗷 36 | 10중05 | 5≈37 | 7 <u>≈</u> 57 | 12 m 43 | 15×07 | 11중00 | 6≈35 | 9206 | 13 m. 48 | 16×31 | 11 3 54 | 7≈32 |
| 18S | 6 ≙ 51 | 11 m 51 | 15 ≈ 03 | 10중22 | 5≈45 | 7 ≙ 59 | 12m.56 | 16×100 | 11공17 | 6≈42 | 9₾08 | 14 m 02 | 16 <i>≱</i> 58 | 12중11 | 7≈39 |
| 19S | 6 ≙ 52 | 12m05 | 15 ≉ 30 | 10중40 | 5≈52 | 8호01 | 13 m 10 | 16∡28 | 11중34 | 6≈49 | 9호09 | 14m.16 | 17∡25 | 12중28 | 7≈46 |
| 20S | 6 ≙ 53 | 12 m 18 | 15 ₹ 57 | 10궁57 | 5≈59 | 8 ☎ 02 | 13 m. 24 | 16∡55 | 11공51 | 6≈56 | 9 亞 11 | 14m.30 | 17 <i>≱</i> 53 | 12궁46 | 7≈53 |
| 21S | 6₽55 | 12 m 32 | 16 ₹ 25 | 11공15 | 6≈07 | 8 2 04 | 13 m 39 | 17 ₹ 23 | 12궁09 | 7≈03 | 9 ≏ 13 | 14 m 44 | 18 ₹ 21 | 13중03 | 8≈00 |
| 22S 23S | 6 <u>₽</u> 56 | 12 m. 47 13 m. 02 | 16 ∡ 54 17 ∡ 23 | 11중33 11중51 | 6≈14 6≈22 | 8요05 8요07 | 13 m.53 14 m.08 | 17 ₹ 52 18 ₹ 21 | 12 る 27 12 る 45 | 7≈11 7≈18 | 9 亞 14 | 14 m 59 15 m 15 | 18∡50 19∡19 | 13중21 13중39 | 8≈07 8≈15 |
| 24S | 6≗58 | 13 m 17 | 17×-23 | 12중09 | 6≈29 | 8±07 | 14 m 24 | 18 × 21 | 12 6 43 13 중 03 | 7≈18 | 9218 | 15 m 30 | 19x-19 | 13 6 39 | 8≈22 |
| 25S | 7≗00 | 13 m 32 | 18×23 | 12328 | 6≈37 | 8 <u>₽</u> 10 | 14 m 39 | 19 🗷 21 | 13322 | 7≈33 | 9₽20 | 15 m. 46 | 20 🗷 19 | 14중15 | 8≈30 |
| 26S | 7≗00 | 13 m 48 | 18 x 23 | 12 3 28 | 6≈45 | 8 <u>-</u> 10 | 14 nl 59 | 19 \$7.21 | 13822 | 7≈33 7≈41 | 9220 | 16 m 03 | 20x-19 20x-19 | 14중13 | 8≈37 |
| 27S | 7 2 03 | 14 m 05 | 19 ₹ 25 | 13중06 | 6≈53 | 8 ₾ 13 | 15 m 12 | 20 ₹ 23 | 14중00 | 7≈49 | 9₾23 | 16 m 20 | 21 🗷 21 | 14궁53 | 8≈45 |
| 28S | 7 ♀ 04 | 14m21 | 19∡57 | 13중26 | 7≈01 | 8 ≏ 15 | 15 m 29 | 20 ₹ 55 | 14궁19 | 7≈57 | 9 ≙ 25 | 16m37 | 21 ₹ 53 | 15중12 | 8≈53 |
| 29S | 7 ჲ 06 | 14m39 | 20 ₮ 30 | 13중45 | 7≈09 | 8 ≏ 16 | 15m47 | 21 ₹ 28 | 14궁39 | 8≈05 | 9 ≏ 27 | 16m.55 | 22 ₹ 25 | 15중32 | 9≈01 |
| 30S | 7 ≏ 07 | 14m.57 | 21 द 04 | 14궁06 | 7≈17 | 8 ≏ 18 | 16m05 | 22 ∡ 01 | 14궁59 | 8≈13 | 9ჲ29 | 17m.14 | 22 ₹ 59 | 15중52 | 9≈09 |
| 31S | 7 ≏ 09 | 15 m. 15 | 21 🗷 38 | 14궁26 | 7≈26 | 8 <u>₽</u> 20 | 16m.24 | 22 🗷 36 | 15319 | 8≈22 20 | 9₾31 | 17m.33 | 23 🗷 33 | 16중12 | 9≈18 |
| 32S 33S | 7 <u>₽</u> 10 | 15 m 34 15 m 54 | 22 ∡ 13 22 ∡ 50 | 14 3 47 15 3 09 | 7≈35 7≈43 | 8 <u>요</u> 22 8 <u>요</u> 24 | 16m.43 17m.04 | 23 ∡ 11 23 ∡ 47 | 15 궁 40 16 궁 01 | 8≈30 8≈39 | 9 <u>0</u> 34 | 17 m. 52 18 m. 13 | 24 ∡ 08 24 ∡ 44 | 16중33 16중54 | 9≈26 9≈35 |
| 34S | 7 ⊆ 14 | 16m.14 | 23 × 27 | 15중31 | 7≈52 | 8 26 | 17 m 24 | 24 🗷 24 | 16중23 | 8≈48 | 9₽38 | 18 m. 34 | 25 🗷 21 | 17중16 | 9≈43 |
| 35S | 7 ≙ 16 | 16m.36 | 24×105 | 15중53 | 8≈02 | 8≏28 | 17m.46 | 25 ₹ 02 | 16중45 | 8≈57 | 9 <u>₽</u> 40 | 18 m. 55 | 25 ₹ 58 | 17중38 | 9≈52 |
| 36S | 7 ⊆ 17 | 16m.58 | 24 ₹ 44 | 16중16 | 8 ≈ 11 | 8 ₾ 30 | 18m.08 | 25 ₹ 40 | 17중08 | 9≈06 | 9 <u>₽</u> 43 | 19m.18 | 26 ₹ 37 | 18중00 | 10≈01 |
| 37S | 7മ19 | 17m21 | 25 ₹ 24 | 16중39 | 8≈21 | 8₽32 | 18m31 | 26 ₮ 20 | 17ਰ31 | 9≈16 | 9 ≏ 45 | 19m42 | 27 ₹ 17 | 18중23 | 10≈11 |
| 388 | | | 26×05 | 17중03 | 8 ≈ 31 | | | 27×01 | | 9≈25 | 9 <u>₽</u> 48 | | 27 × 58 | | 10≈20 |
| 398 | 7 ≏ 23 | 18m.09 | 26 ₹ 48 | 17중28 | 8≈41 | 8≗37 | 19m21 | 27 ₹ 44 | 18궁19 | 9≈35 | 9₽51 | 20 m 32 | 28 ∡ 40 | 19중11 | 10≈30 |
| 40S | 7 ≏ 26 | 18m.35 | 27 ₹31 | 17 공 53 | 8≈51 | 8 <u>0</u> 40 | 19m47 20m15 | 28 ₹ 27 29 ₹ 12 | 18 궁 44 19 궁 10 | 9≈46 | 9 ≏ 54 | 20 m. 58 21 m. 26 | 29 🗷 23 | 19중36 | 10≈40 |
| 41S 42S | 7요28 7요30 | 19m.02 19m.31 | 28 ∡ 16 29 ∡ 03 | 18 궁 19 18 궁 45 | 9≈02 9≈13 | 8 <u>요</u> 42 8 <u>요</u> 45 | 20 m 43 | 29 × 12 29 × 58 | 19810 | 9≈56 10≈07 | 9 <u>∞</u> 57 10 <u>∞</u> 00 | 21 m 55 | 0중07 0중53 | 20중01 20중27 | 10≈51 11≈01 |
| 43S | 7 ⊆ 30 | 20m.01 | 29× 51 | 19중13 | 9≈24 | 8 <u>0</u> 48 | 21 m. 14 | 0중46 | 20중03 | 10≈18 | 10 ₾ 03 | 22 m 26 | 1중40 | 20궁54 | 11≈12 |
| 44S | 7 ≙ 35 | 20m32 | 0중41 | 19중41 | 9≈35 | 8₽51 | 21 m.46 | 1중35 | 20중31 | 10≈29 | 10ഫ06 | 22 m 58 | 2云29 | 21중22 | 11≈23 |
| 45S | 7 ≏ 38 | 21 m 05 | 1중32 | 20중10 | 9≈47 | 8മ54 | 22 m 19 | 2중26 | 21궁00 | 10≈41 | 10 ₾ 10 | 23 m 32 | 3중20 | 21궁50 | 11≈35 |
| 46S | 7 △ 40 | 21 m 40 | 2중25 | 20중40 | 10≈00 | 8 ≏ 57 | 22 m 54 | 3중19 | 21중30 | 10≈53 | 10 ₾ 13 | 24 m 08 | 4중12 | 22320 | 11≈47 |
| 47S | 7 <u>₽</u> 43 | 22 m 17 | 3 궁 20 | 21중11 | 10≈12 | 9 🗕 00 | 23 m 32 24 m 11 | 4정13 | 22 る 01 | 11≈06 | 10 <u> </u> | 24 m 46 | 5 3 06 | 22 る 50 | 11≈59 |
| 48S 49S | 7요46 7요49 | 22 m 57 23 m 38 | 4정17 5정16 | 21궁43 22궁16 | 10≈26 10≈39 | 9 요 04 9 요 08 | 24 m 54 | 5 3 10 6 3 08 | 22号32 23号05 | 11≈19 11≈32 | 10 <u>₽</u> 21 | 25 m. 26 26 m. 08 | 6 궁 02 7 궁 00 | 23중22 23중54 | 12≈12 12≈25 |
| 50S | 7-43 | 24 m. 23 | 6중18 | 22중51 | 10≈54 | 9-211 | 25 m 39 | 7중09 | 23 중 3 9 | | 10 = 23 | 26 m. 54 | 8중00 | 24328 | 12≈39 |
| 51S | 7 ± 33 | 24 IIL 23 | 7중21 | 22 5 31 23 중 26 | 10≈54 11≈08 | 9211 | 25 IL 39 26 IL 27 | 8 공 12 | 23 5 39 24 중 14 | 11≈46 12≈01 | 10±30 10±35 | 20 11L 34 27 m 42 | 9 중 02 | 24 5 28 25 중 03 | 12≈59 |
| 52S | 8200 | 26 m 02 | 8 공 27 | 24 궁 03 | 11≈24 | 9 2 0 | 27 m 18 | 9 당 17 | 24 공 51 | 12≈16 | 10 € 40 | 28 m 34 | 10중07 | 25중39 | 13≈08 |
| 53S | 8 ≏ 04 | 26m57 | 9 궁 36 | 24중42 | 11≈40 | 9 ≏ 25 | 28 m 14 | 10궁25 | 25궁29 | 12≈32 | 10≏45 | 29 m 30 | 11중14 | 26중16 | 13≈24 |
| 54S | 8호09 | 27 m 56 | 10중48 | 25중22 | 11≈56 | 9☎30 | 29 m. 14 | 11중36 | 26궁09 | 12≈48 | 10₾51 | 0 ₺ 30 | 12중23 | 26궁56 | 13≈40 |
| 55S | 8 🕰 13 | 29m.01 | 12중02 | 26중04 | 12≈14 | 9 ≙ 35 | 19 ہے 0 | 12궁49 | 26궁50 | 13≈05 | 10≏57 | 1 ₹ 36 | 13중36 | 27중37 | 13≈57 |
| 56S | 8 <u>0</u> 18 | 0 × 12 | 13 る 20 | 26중48 | 12≈32 | 9 <u>0</u> 41 | 1 7 30 | 14 궁 06 | 27 궁 34 | 13≈23 | 11 🖴 03 | 2 × 47 | 14공51 | 28중19 | 14≈15 |
| 57S 58S | 8 <u>요</u> 23 | 1 ₹ 29 2 ₹ 55 | 14궁40 16궁05 | 27중34 28중22 | 12≈51 13≈12 | 9 <u>0</u> 47 9 <u>0</u> 54 | 2 ₹ 48 4 ₹ 14 | 15 궁 25 16 궁 48 | 28 궁 19 29 궁 06 | 13≈42 14≈02 | 11 <u>0</u> 11 | 4 ₹ 05 5 ₹ 32 | 16궁10 17궁31 | 29 궁 04 29 궁 50 | 14≈33 14≈52 |
| 59S | 8 <u>=</u> 29 | 4×33 | 10303 17 3 32 | 29당12 | 13≈12 13≈33 | 10 ₾ 01 | 5×149 | 18공14 | 29명56 | 14≈02 | 11 € 16 | 7 × 07 | 18공56 | 0 ≈ 39 | 15≈13 |
| 60S | 8 <u>₽</u> 42 | 6 <i>≵</i> 17 | 19궁04 | 0≈05 | 13≈55 | 10 ₾ 09 | 7 <i>≱</i> 137 | 19중44 | 0≈48 | 14≈45 | 11 ₾ 35 | 8 <i>≱</i> 55 | 20중25 | 1≈30 | 15≈35 |
| 61S | 8 <u>0</u> 49 | 8 🗷 19 | 20중39 | 1≈01 | 14≈19 | 10 = 07 | 9 🗷 38 | 21318 | 1≈42 | 15≈08 | 11 <u>0</u> 45 | 10 🗷 56 | 20 3 23 21 3 57 | 2≈24 | 15≈57 |
| 62S | 8 ≏ 57 | 10∡39 | 22중18 | 1≈59 | 14≈44 | 10≏27 | 11 ₹ 59 | 22궁56 | 2≈40 | 15≈33 | 11 ≏ 56 | 13 ₹ 16 | 23중33 | 3≈21 | 16≈22 |
| 63S | 9206 | 13 🗷 25 | 24중02 | 3≈01 | 15≈11 | 10 ₾ 37 | 14 🗷 43 | 24중38 | 3≈41 | 15≈59 | 12 🖴 08 | 16 🗷 00 | 25중14 | 4≈21 | 16≈47 |
| 64S | 9₽16 | 16∡46 | 25중50 | 4≈06 | 15≈40 | 10 ₾ 49 | 18 ₹ 03 | 26궁24 | 4≈45 | 16≈27 | 12.21 | 19 ₹ 17 | 26중58 | 5≈24 | 17≈15 |
| 65S | 9 2 7 | 21 🗷 03 | 27342 | 5≈15 | 16≈10 | 11 🖴 01 | 22 🗷 16 | 28314 | 5≈53 | 16≈57 | 12 ₾ 35 | 23 🗷 27 | 28346 | 6≈30 | 17≈44 |
| 66S | 9요40 | 27 ₹ 15 | 29る39 | 6≈28 | 16≈43 | 11 ≏ 16 | 28 ∡ 18 | 0≈09 | 7≈05 | 17≈29 | 12 ⊆ 52 | 29 ∡ 16 | 0≈39 | 7≈41 | 18≈15 |
| pc | 9-47 | 3중03 | 0≈47 | 7≈11 | 17≈02 | 11 | 3₹36 | 1≈16 | 7≈47 | 17≈48 | 13 🖴 02 | 4궁10 | 1≈45 | 8≈22 | 18≈34 |

| | Sid.Tir MC: | | 36m A 7'46 | RMC: 1 | 59°00' | Sid.Tir MC: | ne: 10h4 8m/2 | 40m A :1'41 | RMC: 1 | .60°00' | Sid.Tir MC: | ne: 10h | 44m A 25'45 | RMC: 1 | 61°00' |
|------------|----------------------------------|--|----------------------------------|----------------------------------|--------------------|----------------------------------|----------------------|---------------------------------|----------------------------------|----------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 9 ≙ 47 | 11 m 25 | 10∡35 | 8중16 | 6≈36 | 10 ≏ 52 | 12 m 26 | 11 ≉32 | 9 ਰ 11 | 7≈35 | 11 ≏ 57 | 13 m 27 | 12 ₹ 28 | 10중06 | 8≈34 |
| 1S | 9 ≏ 49 | 11 m 37 | 10 🗷 58 | 8중31 | 6≈43 | 10 ₾ 54 | 12m.38 | 11 🗷 54 | 9 궁 27 | 7≈41 | 11 2 59 | 13 m. 38 | 12 7 51 | 10중22 | 8≈40 0 47 |
| 2S 3S | 9 亞 50 9 亞 52 | 11 m. 48 11 m. 59 | 11 🗷 21 11 🗷 44 | 8 3 47 9 3 03 | 6≈49 6≈56 | 10⊕56 10⊕57 | 12 m 49 13 m 00 | 12 ∡ 17 12 ∡ 41 | 9 정 42 9 정 58 | 7≈48 7≈54 | 12 <u>0</u> 01 | 13 m.50 14 m.02 | 13 ∡ 14 13 ∡ 37 | 10중38 10중53 | 8≈47 8≈53 |
| 4S | 9₾53 | 12 m 10 | 12 \$\sigma 07 | 9 3 19 | 7≈02 | 10 = 57 | 13 m 12 | 13 🗷 04 | 10궁14 | 8≈01 | 12 <u>a</u> 04 | 14 m 13 | 14×100 | 11중09 | 9≈00 |
| 5S | 9₽55 | 12 m 22 | 12∡31 | 9궁34 | 7≈09 | 11 ₾ 01 | 13 m. 24 | 13 ₹ 27 | 10중30 | 8≈07 | 12ჲ06 | 14 m. 25 | 14∡24 | 11중25 | 9≈06 |
| 6S | 9 ჲ 56 | 12 m 34 | 12 ₹ 54 | 9궁50 | 7≈16 | 11 △ 02 | 13 m 36 | 13 ₹ 51 | 10궁45 | 8≈14 | 12≗08 | 14m37 | 14×47 | 11궁40 | 9≈12 |
| 7S | 9 2 58 | 12 m 45 | 13 🗷 18 | 10중06 | 7≈22 | 11 🖴 04 | 13 m. 48 | 14 🗷 15 | 11중01 | 8≈20 0 27 | 12 ₾ 10 | 14 m 50 | 15 ~ 11 | 11공56 | 9≈19 |
| 8S 9S | 9 요 59 10 요 01 | 12m.57 13m.09 | 13 ₹ 42 14 ₹ 06 | 10중22 10중38 | 7≈29 7≈35 | 11 △ 06 11 △ 07 | 14m.00 14m.12 | 14 ∡ 39 15 ∡ 03 | 11중17 11중33 | 8≈27 8≈33 | 12 <u>0</u> 12 | 15 m. 02 15 m. 14 | 15 ₹ 35 16 ₹ 00 | 12중12 12중28 | 9≈25 9≈32 |
| 108 | 10 = 01 | 13 m. 22 | 14 \$\tilde{x} \ 30 | 10급54 | 7≈42 | 11 - 07 | 14 m. 24 | 15 x 03 | 11349 | 8≈40 | 12 <u>-</u> 14 | 15 m 27 | 16 🗷 24 | 12324 | 9≈38 |
| 11S | 10 ≥ 02 | 13 m 34 | 14 \$7 55 | 11중10 | 7≈42 7≈49 | 11 🖴 11 | 14m27 | 15 × 27 | 12중05 | 8≈46 | 12 <u>=</u> 10 | 15 m 40 | 16 🗷 49 | 13중00 | 9≈45 |
| 12S | 10ჲ06 | 13 m 47 | 15 ₹ 20 | 11중26 | 7≈55 | 11 ≏ 13 | 14m.50 | 16∡17 | 12중21 | 8≈53 | 12≗20 | 15 m 53 | 17 ₹ 14 | 13중16 | 9≈51 |
| 13S | 10 2 07 | 13 m 59 | 15 🗷 45 | 11342 | 8≈02 00 | 11 🖴 15 | 15m.03 | 16 🗷 42 | 12 る 37 | 9≈00 | 12 € 22 | 16m.06 | 17 🗷 39 | 13332 | 9≈58 |
| 148 | 10 ₾ 09 | 14 m. 12 | 16 🗷 10 | 11궁59 | 8≈09 | 11 △ 16 | 15 m 16 | 17×108 | 12중53 | 9≈06 | 12 | 16m.19 | 18 🗷 05 | 13348 | 10≈04 |
| 15S 16S | 10≗11 10≗12 | 14 m. 25 14 m. 39 | 16 ₹ 36 17 ₹ 02 | 12중15 12중32 | 8≈15 8≈22 | 11 <u>□</u> 18 | 15 m 29 15 m 43 | 17 ₹ 33 18 ₹ 00 | 13 る 10 13 る 26 | 9≈13 9≈20 | 12 <u>∞</u> 26 12 <u>∞</u> 28 | 16 m. 33 | 18 ₹ 30 18 ₹ 57 | 14궁04 14궁21 | 10≈11 10≈17 |
| 17S | 10 - 12 | 14 m 53 | 17×02 | 12 3 32 | 8≈29 | 11 € 22 | 15 m 57 | 18×26 | 13843 | 9≈26 | 12 - 20 | 17 m 01 | 19 🗷 23 | 14당37 | 10≈17 |
| 18S | 10 1 6 | 15m.06 | 17 <i>≱</i> 56 | 13중05 | 8≈36 | 11 | 16m.11 | 18 × 53 | 14궁00 | 9≈33 | 12 <u>-</u> 32 | 17 m. 15 | 19 ₹ 50 | 14궁54 | 10≈31 |
| 198 | 10≗18 | 15 m. 21 | 18 ₹ 23 | 13중23 | 8≈43 | 11 ≏ 26 | 16m25 | 19 ₹ 20 | 14중17 | 9≈40 | 12 ≏ 34 | 17m.30 | 20 ₮ 17 | 15중11 | 10≈38 |
| 20S | 10 ₾ 20 | 15 m 35 | 18 ₹ 50 | 13중40 | 8≈50 0 57 | 11 228 | 16m.40 | 19 🗷 48 | 14궁34 | 9≈47 | 12 € 37 | 17 m 45 | 20 🗷 45 | 15328 | 10≈44 |
| 21S 22S | 10 <u>₽</u> 21 10 <u>₽</u> 23 | 15 m 50 16 m 05 | 19 ₹ 19 19 ₹ 47 | 13 궁 57 14 궁 15 | 8≈57 9≈04 | 11 <u>△</u> 30 | 16m.55 17m.11 | 20 ∡ 16 20 ∡ 44 | 14궁51 15궁09 | 9≈54 10≈01 | 12 <u>∞</u> 39 | 18 m. 00 18 m. 16 | 21 × 13 21 × 41 | 15 공 45 16 공 03 | 10≈51 10≈58 |
| 23S | 10 <u>0</u> 25 | 16m.21 | 20 🗷 16 | 14중33 | 9≈12 | 11 △ 34 | 17 m 26 | 21 🗷 13 | 15중27 | 10≈08 | 12 <u>0</u> 44 | 18 m. 32 | 22 🗷 10 | 16중20 | 11≈05 |
| 24S | 10≗27 | 16m37 | 20 ∡ 46 | 14궁51 | 9≈19 | 11 ≏ 37 | 17m42 | 21 ∡ 43 | 15중45 | 10≈16 | 12 ≏ 46 | 18m48 | 22 ∡ 40 | 16중38 | 11≈13 |
| 25S | 10≏29 | 16m.53 | 21 ∡ 16 | 15중09 | 9≈26 | 11 ≏ 39 | 17m.59 | 22 ∡ 13 | 16중03 | 10≈23 | 12 ≏ 48 | 19 m 05 | 23 ∡ 10 | 16궁56 | 11≈20 |
| 26S | 10 ≏ 31 | 17m 10 | 21 🗷 47 | 15 궁 28 | 9≈34 0 · · · 42 | 11 241 | 18m 16 | 22 ₹ 44 23 ₹ 15 | 16321 | 10≈31 | 12 <u>0</u> 51 | 19 m. 22 | 23 🗷 40 | 17 る 15 17 る 33 | 11≈27 |
| 27S 28S | 10 ≘ 33 | 17m27 17m44 | 22 ∡ 18 22 ∡ 50 | 15 궁 47 16 궁 06 | 9≈42 9≈49 | 11 <u>0</u> 44 | 18 m 33 | 23 × 15 | 16 궁 40 16 궁 59 | 10≈38 10≈46 | 12 <u>⊕</u> 54 12 <u>⊕</u> 56 | 19 m. 40 19 m. 58 | 24 ∡ 12 24 ∡ 43 | 17등33 17등52 | 11≈35 11≈42 |
| 29S | 10 ₾ 38 | 18m.03 | 23 ₹ 22 | 16중25 | 9≈57 | 11 △ 48 | 19m.10 | 24 × 19 | 17궁18 | 10≈54 | 12 ⊆ 59 | 20 m 16 | 25 ₹ 16 | 18중12 | 11≈50 |
| 30S | 10≗40 | 18m.21 | 23 ∡ 56 | 16궁45 | 10≈05 | 11 ≙ 51 | 19m.29 | 24 ≉ 53 | 17중38 | 11≈01 | 13 ≏ 02 | 20 m 36 | 25 ₹ 49 | 18중31 | 11≈58 |
| 31S | 10 △ 43 | 18m41 | 24 ₮ 30 | 17궁05 | 10≈13 | 11 ≏ 54 | 19m.48 | 25 ₹ 26 | 17궁58 | 11≈10 | 13 ≏ 05 | 20 m 56 | 26 ₹ 23 | 18공51 | 12≈06 |
| 32S 33S | 10 <u>₽</u> 45 10 <u>₽</u> 48 | 19m.01 19m.21 | 25 ₹ 05 25 ₹ 40 | 17 る 26 17 る 47 | 10≈22 10≈30 | 11 ≏ 56 11 ≏ 59 | 20 m 09 20 m 29 | 26 ∡ 01 26 ∡ 37 | 18 궁 19 18 궁 39 | 11≈18 11≈26 | 13 <u>0</u> 8 | 21 m.16 21 m.37 | 26 ₹ 57 27 ₹ 33 | 19 궁 11 19 궁 32 | 12≈14 12≈22 |
| 34S | 10≗48 | 19m.43 | 26 × 17 | 18중08 | 10≈30 | 12 <u>0</u> 2 | 20 m 51 | 20 x 37 27 x 13 | 19중01 | 11≈20 | 13≗11 | 21 m 59 | 28 × 09 | 19852 | 12≈22 |
| 35S | 10≗53 | 20m.05 | 26 ₹ 55 | 18중30 | 10≈48 | 12 2 05 | 21 m 13 | 27 <i>≱</i> 51 | 19중22 | 11≈43 | 13 ≏ 17 | 22 m 22 | 28 ∡ 46 | 20중15 | 12≈39 |
| 36S | 10≏56 | 20 m 28 | 27 ₹ 33 | 18공52 | 10≈57 | 12 △ 08 | 21 m 37 | 28 ₹ 29 | 19ਰ45 | 11≈52 | 13 ₾ 20 | 22 m 45 | 29 ₹ 24 | 20중37 | 12≈48 |
| 37S | 10 - 58 | 20 m. 51 | 28 🗷 13 | 19중15 | 11≈06 | 12 ₾ 11 | 22 m 01 | 29 × 08 | 20중07 | 12≈01 | 13 € 24 | 23 m 10 | 0중03 | 20궁59 | 12≈57 |
| 38S 39S | 11 ♀ 01 11 ♀ 04 | 21 m. 16 21 m. 42 | 28 ₹ 53 29 ₹ 35 | 19궁39 20궁03 | 11≈15 11≈25 | 12 <u>0</u> 14 | 22 m 26 22 m 52 | 29 조 48 0 중 30 | 20る30 20る54 | 12≈11 12≈20 | 13 <u>⊕</u> 27 13 <u>⊕</u> 31 | 23 m.35 24 m.01 | 0중43 1중25 | 21중22 21중46 | 13≈06 13≈15 |
| 40S | 11 ⊆ 08 | 22 m 09 | 0중18 | 20중27 | 11≈35 | 12 <u>-</u> 10 | 23 m 19 | 1중13 | 21중18 | 12≈30 | 13 - 35 | 24 m 29 | 2중07 | 22중10 | 13≈25 |
| 41S | 11 2 08 | 22 m 37 | 1중02 | 20327 | 11≈35 | 12 <u>=</u> 21 | 23 m 48 | 1313 | 21343 | 12≈30 | 13 € 39 | 24 m 58 | 2 3 51 | 22 중 34 | 13≈25 |
| 42S | 11 ≙ 14 | 23 m 07 | 1중48 | 21중18 | 11≈56 | 12 ≏ 29 | 24 m 18 | 2쥥42 | 22る09 | 12≈50 | 13 △ 43 | 25 m 28 | 3중35 | 23중00 | 13≈45 |
| 43S | 11 <u>□</u> 18 11 <u>□</u> 22 | 23 m 38 | 2 3 35 | 21중45 | 12≈06 | 12 △ 33 | 24 m 49 | 3 군 28 | 22335 | 13≈01 | 13 <u>a</u> 48 | 25 m 59 | 4 る 22 | 23 궁 26 | 13≈55 14≈06 |
| 448 | | 24 m 10 | 3 공 23 | 22312 | 12≈18 | 12 € 37 | 25 m 22 | 4 3 16 | 23 3 03 | 13≈12 | | 26 m 32 | 5 궁 09 | 23중53 | |
| 45S 46S | 11 ≘ 26 11 ≘ 30 | 24 m. 44 25 m. 21 | 4정13 5정05 | 22 궁 40 23 궁 10 | 12≈29 12≈41 | 12 ≏ 41 12 ≏ 46 | 25 m. 56 26 m. 33 | 5 궁 06 5 궁 57 | 23 る 30 23 る 59 | 13≈23 13≈35 | 13 <u>a</u> 57 14 <u>a</u> 02 | 27 m 07 27 m 44 | 5 궁 58 6 궁 49 | 24궁20 24궁49 | 14≈17 14≈29 |
| 47S | 11 △ 34 | 25 m 59 | 5중58 | 23중40 | 12≈53 | 12 - 51 | 27 m 11 | 6궁50 | 24궁29 | 13≈47 | 14≗07 | 28 m 23 | 7중42 | 25중18 | 14≈40 |
| 48S | 11 2 38 | 26m39 | 6중54 | 24중11 | 13≈06 | 12 - 56 | 27 m 52 | 7중45 | 25중00 | 13≈59 | 14 ₾ 13 | 29 m 04 | 8중36 | 25849 | 14≈52 |
| 49S | 11 △ 43 | 27 m. 22 | 7 궁 51 | 24343 | 13≈19 | 13 ₾ 01 | 28 m. 35 | 8 공 42 | 25중32 | 14≈12 | 14 <u>0</u> 18 | 29 m. 47 | 9중32 | 26중20 | 15≈05 |
| 50S 51S | 11 ≗ 48 11 ≗ 54 | 28 m 08 28 m 57 | 8 궁 50 9 궁 52 | 25중16 25중51 | 13≈32 13≈46 | 13 <u>0</u> 06 | 29 m.21 0 ≈ 10 | 9 궁 40 10 궁 41 | 26 궁 04 26 궁 38 | 14≈25 14≈39 | 14 <u>0</u> 24 | 0 ₹ 33 1 ₹ 23 | 10중30 11중30 | 26 궁 53 27 궁 26 | 15≈18 15≈32 |
| 51S 52S | 11 2 54 11 2 59 | 28 IL 37 29 IL 49 | 9632 10 중 55 | 23 5 31 26 중 26 | 13≈46 14≈01 | 13 <u>12</u> 12 | 1×10 | 10541 11 중 44 | 20 5 38 27 중 14 | 14≈39 14≈53 | 14±31 14±31 | 2 z 16 | 11 6 30 12 중 32 | 27 5 26 28 중 01 | 15≈32 |
| 53S | 12≗05 | 0 ₹ 45 | 12号02 | 27중04 | 14≈16 | 13 ≏ 25 | 1 ₹ 59 | 12궁50 | 27중51 | 15≈08 | 14 ≏ 45 | 3 ₹ 12 | 13중37 | 28중37 | 16≈00 |
| 548 | 12 ≏ 12 | 1 ∡ 46 | 13중11 | 27중42 | 14≈32 | 13 ₾ 32 | 3 ₹ 00 | 13궁57 | 28궁29 | 15≈24 | 14≗53 | 4 ₹ 14 | 14궁44 | 29궁15 | 16≈16 |
| 55S | 12 <u>₽</u> 19 | 2 🗷 52 | 14822 | 28 궁 23 | 14≈48 | 13 ₾ 40 | 4×106 | 15중08 | 29중09 | 15≈40 | 15 ≏ 01 | 5 × 20 | 15 공 54 | 29중54 | 16≈32 |
| 56S 57S | 12 ≏ 26 12 ≏ 34 | 4 ₹ 03 5 ₹ 22 | 15 궁 36 16 궁 54 | 29 궁 05 29 궁 49 | 15≈06 15≈24 | 13 <u>⊕</u> 48 13 <u>⊕</u> 57 | 5 ₹ 18 6 ₹ 37 | 16중21 17중38 | 29⋜50 0≈33 | 15≈57 16≈15 | 15 <u>⊕</u> 10 | 6 x 32 7 x 50 | 17 る 06 18 る 21 | 0≈35 1≈18 | 16≈48 17≈06 |
| 58S | 12 2 34 | 6×148 | 18 공 14 | 0≈35 | 15≈24 | 14 2 06 | 8 × 03 | 17838 18 공 57 | 1≈19 | 16≈13 | 15 <u>≈</u> 20 | 9 x 17 | 19839 | 2≈03 | 17≈00 |
| 59S | 12 ≏ 52 | 8 ₹ 24 | 19중38 | 1≈23 | 16≈03 | 14≗17 | 9 ₹ 39 | 20궁19 | 2≈06 | 16≈53 | 15 ≏ 41 | 10 ₹ 52 | 21중01 | 2≈49 | 17≈43 |
| 60S | 13 <u>₽</u> 02 | 10∡11 | 21중05 | 2≈13 | 16≈24 | 14≗28 | 11∡26 | 21중45 | 2≈56 | 17≈14 | 15≗54 | 12 ₹ 39 | 22중25 | 3≈38 | 18≈04 |
| 61S | 13 <u>0</u> 13 | 12 7 12 | 22중36 | 3≈06 4≈02 | 16≈47 | 14 <u>a</u> 40 | 13 🗷 27 | 23중15 | 3≈48 4≈43 | 17≈36 | 16 2 07 | 14 🗷 39 | 23 궁 53 | 4≈30 5×23 | 18≈25 |
| 62S 63S | 13 <u>⊕</u> 25 13 <u>⊕</u> 38 | 14 \$\tilde{x} 31 \\ 17 \$\tilde{x} 14 | 24궁11 25궁49 | 4≈02 5≈01 | 17≈10 17≈35 | 14 <u>⊕</u> 53 15 <u>⊕</u> 08 | 15 ₹ 45 18 ₹ 26 | 24궁48 26궁25 | 4≈43 5≈40 | 17≈59 18≈24 | 16 <u>⊕</u> 22 | 16 ∡ 57 19 ∡ 36 | 25る25 27る00 | 5≈23 6≈20 | 18≈48 19≈12 |
| 64S | 13 ⊆ 53 | 20 🗷 29 | 27중32 | 6≈02 | 18≈02 | 15 2 4 | 21 🗷 39 | 28중06 | 6≈41 | 18≈50 | 16≗56 | 22 × 46 | 28중39 | 7 ≈ 20 | 19≈37 |
| 65S | 14ჲ09 | 24 ₹ 34 | 29중18 | 7≈08 | 18≈31 | 15 ≙ 43 | 25 ₹ 39 | 29궁50 | 7≈45 | 19≈18 | 17≗16 | 26 ₹ 42 | 0≈22 | 8≈23 | 20≈05 |
| 66S | 14 € 28 | 0중12 | 1≈09 | 8≈17 | 19≈01 | 16 2 04 | 1중05 | 1≈40 | 8≈53 | 19≈47 | 17 2 39 | 1공56 | 2≈10 | 9≈30 | 20≈34 |
| pc | 14 ≏ 39 | 4343 | 2≈14 | 8≈58 | 19≈19 | 16 2 16 | 5ਰ17 | 2≈43 | 9≈33 | 20≈05 | 17 ≏ 53 | 5중51 | 3≈12 | 10≈09 | 20≈51 |

| | Sid.Tir MC: | | 48m A 29'56 | RMC: 1 | 62°00' | Sid.Tir MC: | | 52m A 34'14 | RMC: 1 | 163°00' | Sid.Tir MC: | ne: 10h: | 56m A 38'39 | RMC: 1 | 64°00' |
|------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------|----------------------------------|-------------------------|--------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 13 △ 02 | 14m.27 | 13 ₹ 24 | 11중02 | 9≈33 | 14≗07 | 15 m. 27 | 14 ~ 19 | 11ਰ57 | 10≈32 | 15 2 12 | 16 m. 27 | 15 ₹ 15 | 12중53 | 11≈32 |
| 1S | 13 △ 04 | 14m39 | 13 ∡ 47 | 11궁17 | 9≈39 | 14ჲ09 | 15m39 | 14 ∡ 43 | 12중13 | 10≈39 | 15 ≏ 14 | 16m40 | 15 ₹ 38 | 13중08 | 11≈38 |
| 2S | 13 ₾ 06 | 14m.51 | 14 🗷 10 | 11궁33 | 9≈46 | 14 🕰 11 | 15 m. 51 | 15×106 | 12328 | 10≈45 | 15 ≏ 16 | 16 m. 52 | 16 🗷 02 | 13324 | 11≈44 |
| 3S 4S | 13 △ 08 | 15 m 03 15 m 15 | 14 ∡ 33 14 ∡ 57 | 11 る 49 12 る 04 | 9≈52 9≈58 | 14 <u>0</u> 13 | 16m.03 16m.16 | 15 ₹ 29 15 ₹ 53 | 12 る 44 12 る 59 | 10≈51 10≈57 | 15 ⊕ 19 15 ⊕ 21 | 17m.04 17m.16 | 16 ₹ 25 16 ₹ 49 | 13중39 13중55 | 11≈50 11≈57 |
| 5S | 13 - 10 | 15 m 27 | 15×20 | 12중20 | 10≈05 | 14 <u>□</u> 18 | 16 m. 28 | 16×16 | 13중15 | 11≈04 | 15 2 23 | 17 m. 29 | 17 🗷 13 | 14중10 | 12≈03 |
| 6S | 13 <u>≈</u> 12 | 15 m 39 | 15 x 20 | 12 5 20 | 10≈03 | 14 <u>2</u> 18 | 16m.40 | 16×16 | 13중31 | 11≈04 | 15 <u>≈</u> 25 | 17 m. 41 | 17×13 | 14중10 | 12≈03 |
| 7S | 13 △ 16 | 15 m 51 | 16 ₹ 08 | 12중51 | 10≈17 | 14 ₾ 22 | 16m.53 | 17 ₹ 04 | 13846 | 11≈16 | 15 € 28 | 17 m. 54 | 18×100 | 14중41 | 12≈15 |
| 8S | 13 ≏ 18 | 16m.04 | 16≉32 | 13중07 | 10≈24 | 14≏24 | 17m.06 | 17∡28 | 14궁02 | 11≈22 | 15 ≙ 30 | 18m.07 | 18 ₹ 25 | 14궁57 | 12≈21 |
| 9S | 13 ≏ 20 | 16m 16 | 16∡56 | 13중23 | 10≈30 | 14≗27 | 17m.18 | 17 <i>≯</i> 53 | 14궁18 | 11≈29 | 15 ₾ 33 | 18 m. 20 | 18 ∡ 49 | 15중13 | 12≈27 |
| 10S | 13 ≏ 22 | 16m29 | 17∡721 | 13중38 | 10≈36 | 14≗29 | 17m.31 | 18 ∡ 17 | 14중33 | 11≈35 | 15 ≏ 35 | 18m.33 | 19 द्र⁴ 14 | 15る28 | 12≈34 |
| 118 | 13 | 16m.42 | 17×746 | 13궁54 | 10≈43 | 14 🕰 31 | 17m.45 | 18 🗷 42 | 14349 | 11≈41 | 15 <u>0</u> 38 | 18m.47 | 19 🗷 38 | 15344 | 12≈40 |
| 12S 13S | 13 ♀ 27 13 ♀ 29 | 16m.56 17m.09 | 18∡11 18∡36 | 14궁10 14궁26 | 10≈49 10≈56 | 14 <u>0</u> 33 | 17 m. 58 18 m. 12 | 19 ₹ 07 19 ₹ 32 | 15 궁 05 15 궁 21 | 11≈48 11≈54 | 15 ⊕ 40 15 ⊕ 43 | 19m.00 19m.14 | 20 ₹ 04 20 ₹ 29 | 16 궁 00 16 궁 16 | 12≈46 12≈52 |
| 14S | 13 ⊆ 27 | 17 m. 22 | 19×30 | 14공43 | 11≈02 | 14 <u>0</u> 38 | 18 m 25 | 19 🗷 58 | 15 3 37 | 12≈00 | 15 = 45 | 19 m. 28 | 20×27 20×54 | 16중32 | 12≈59 |
| 15S | 13 ≏ 33 | 17m.36 | 19 <i>₹</i> 27 | 14궁59 | 11≈09 | 14 ≏ 41 | 18m.39 | 20 ₹ 24 | 15중53 | 12≈07 | 15 ≏ 48 | 19 m.42 | 21 ₹ 20 | 16중48 | 13≈05 |
| 16S | 13 - 36 | 17 m 50 | 19 🗷 53 | 15중15 | 11≈15 | 14 ₾ 43 | 18m.54 | 20 \$ 50 | 16궁10 | 12≈13 | 15 - 10 | 19 m 57 | 21 🗷 46 | 17중04 | 13≈11 |
| 17S | 13 <u>⊶</u> 38 | 18m.05 | 20 ₹ 20 | 15중32 | 11≈22 | 14≗46 | 19m.08 | 21 ∡ 16 | 16중26 | 12≈20 | 15 ≏ 53 | 20 m 11 | 22 ₮ 13 | 17중21 | 13≈18 |
| 18S | 13 ₾ 40 | 18m 19 | 20 ∡ 47 | 15중48 | 11≈28 | 14 ₾ 48 | 19 m. 23 | 21 🗷 43 | 16중43 | 12≈26 | 15 2 56 | 20 m 26 | 22 🗷 40 | 17중37 | 13≈24 |
| 19S | 13 △ 43 | 18m.34 | 21 🗷 14 | 16궁05 | 11≈35 | 14 ₾ 51 | 19m.38 | 22 🗷 11 | 16궁59 | 12≈33 | 15 ₾ 59 | 20 m.42 | 23 🗷 07 | 17354 | 13≈31 |
| 20S 21S | 13 ♀ 45 | 18m.49 | 21 🗷 42 22 🗷 10 | 16 궁 22 16 궁 39 | 11≈42 11≈49 | 14 \omega 53 | 19 m. 53 20 m. 09 | 22 ∡ 38 23 ∡ 06 | 17 さ 16 17 さ 33 | 12≈39 12≈46 | 16 2 01 16 2 04 | 20 m. 57 21 m. 13 | 23 🗷 34 24 🗷 02 | 18 궁 10 18 궁 27 | 13≈37 13≈44 |
| 21S 22S | 13 <u>24</u> 7 13 <u>2</u> 50 | 19m.05 19m.21 | 22 × 10 22 × 38 | 16등39 16등57 | 11≈49 11≈56 | 14±56 14±59 | 20 m 25 | 23 × 06 | 17등33 17등51 | 12≈46 12≈53 | 16±04 16±07 | 21 m 29 | 24×102 24×131 | 18 5 27 | 13≈44 |
| 23S | 13 ⊆ 53 | 19m.37 | 23 × 07 | 17 공 14 | 12≈03 | 15 2 01 | 20 m 41 | 24×103 | 18중08 | 13≈00 | 16210 | 21 m 46 | 25 🗷 00 | 19중02 | 13≈57 |
| 24S | 13 ≏ 55 | 19 m 53 | 23 ∡ 36 | 17중32 | 12≈10 | 15 ≏ 04 | 20 m 58 | 24 ≉ 33 | 18중26 | 13≈07 | 16 ≏ 13 | 22 m 03 | 25 ₹ 29 | 19궁19 | 14≈04 |
| 25S | 13 <u>₽</u> 58 | 20 m 10 | 24 ₮ 06 | 17云50 | 12≈17 | 15 ≏ 07 | 21 m 15 | 25 ≉ 03 | 18중44 | 13≈14 | 16≏16 | 22 m 20 | 25 ₹ 59 | 19る37 | 14≈11 |
| 26S | 14≏01 | 20m28 | 24 ₮ 37 | 18궁08 | 12≈24 | 15 ₾ 10 | 21 m 33 | 25 ₮ 33 | 19궁02 | 13≈21 | 16≏20 | 22 m 38 | 26 ₹ 29 | 19궁55 | 14≈18 |
| 27S | 14 <u>0</u> 03 | 20m.46 | 25 × 08 | 18327 | 12≈31 | 15 ≏ 13 | 21 m.51 | 26×104 | 19320 | 13≈28 | 16 23 | 22 m 56 | 27×100 | 20중13 | 14≈25 |
| 28S 29S | 14 <u>0</u> 06 | 21 m. 04 21 m. 23 | 25 ₹ 40 26 ₹ 12 | 18 궁 46 19 궁 05 | 12≈39 12≈46 | 15 2 16 | 22 m 10 22 m 29 | 26 ₹ 36 27 ₹ 08 | 19 궁 39 19 궁 58 | 13≈36 13≈43 | 16 <u>0</u> 26 16 <u>0</u> 30 | 23 m.15 23 m.34 | 27 ₹ 32 28 ₹ 04 | 20중32 20중51 | 14≈32 14≈40 |
| | 14 <u>0</u> 12 | | 26×12 | | 12≈54 | 15 <u>0</u> 23 | 22 m. 48 | 27 ₹ 41 | 20중17 | | 16-33 | 23 m. 54 | 28 🗷 36 | | 14≈47 |
| 30S 31S | 14 2 12 14 2 15 | 21 m. 42 22 m. 02 | 20 x 43 27 x 19 | 19る24 19る44 | 12≈34 | 15 <u>2</u> 25 | 22 IL 48 | 28×14 | 20중37 | 13≈51 13≈58 | 16≗33 | 23 IL 34 24 m 15 | 28 x 30 29 z 10 | 21중10 21중29 | 14≈47 14≈55 |
| 32S | 14 □ 19 | 22 m 23 | 27 × 53 | 20중04 | 13≈10 | 15 ₾ 30 | 23 m 30 | 28 🗷 49 | 20궁57 | 14≈06 | 16 △ 40 | 24 m 36 | 29 🗷 44 | 21349 | 15≈03 |
| 33S | 14≏22 | 22 m 44 | 28 ∡ 28 | 20중24 | 13≈18 | 15 ₾ 33 | 23 m 51 | 29 ₹ 24 | 21중17 | 14≈14 | 16≏44 | 24 m 58 | 0궁19 | 22궁09 | 15≈10 |
| 348 | 14≗25 | 23 m 07 | 29 ₮ 05 | 20중45 | 13≈26 | 15 ≏ 37 | 24 m 14 | 0중00 | 21중38 | 14≈22 | 16 ≏ 48 | 25 m 20 | 0중55 | 22중30 | 15≈18 |
| 35S | 14 ₾ 29 | 23 m 29 | 29 🗷 41 | 21중07 | 13≈35 | 15 △ 41 | 24m37 | 0중36 | 21궁59 | 14≈31 | 16 - 52 | 25 m.44 | 1중31 | 22중51 | 15≈27 |
| 36S 37S | 14 ♀ 33 | 23 m 53 24 m 18 | 0중19 0중58 | 21중29 21중51 | 13≈43 13≈52 | 15 ≗ 45 15 ≗ 49 | 25 m.01 25 m.26 | 1중14 1중53 | 22 る 20 22 る 43 | 14≈39 14≈48 | 16 ♀ 56 17 ♀ 01 | 26 m. 08 26 m. 33 | 2 3 09 2 3 47 | 23중12 23중34 | 15≈35 15≈43 |
| 38S | 14 <u>2</u> 30 | | | | I | 15 2 49 | 25 m 51 | | 22·8·43 23·중05 | 1 | 17 <u>20</u> 1 | | | 23 ~5 57 | |
| 39S | 14 <u>₽</u> 44 | 25 m 10 | 2중19 | 22중37 | 14≈10 | 15 ≏ 57 | 26m.18 | 3중13 | 23중28 | 15≈06 | 17≗10 | 27 m 26 | 4궁07 | 24궁19 | 16≈01 |
| 40S | 14 ≏ 48 | 25 m 38 | 3중01 | 23중01 | 14≈20 | 16≏02 | 26m46 | 3ਰ55 | 23궁52 | 15≈15 | 17.0 15 | 27 m.54 | 4궁48 | 24궁43 | 16≈10 |
| 41S | 14≗53 | 26m07 | 3ਰ44 | 23중25 | 14≈30 | 16≗06 | 27m.16 | 4중38 | 24궁16 | 15≈25 | 17≗20 | 28 m 24 | 5ਰ31 | 25중07 | 16≈20 |
| 42S | 14 ₾ 57 | 26m37 | 4궁29 | 23궁50 | 14≈40 | 16 ₾ 11 | 27m.46 | 5중22 | 24341 | 15≈34 | 17 2 25 | 28 m 55 | 6중14 | 25중32 | 16≈29 |
| 43S 44S | 15 ♀ 02 15 ♀ 07 | 27 m 09 27 m 42 | 5 3 15 6 3 02 | 24중16 24중43 | 14≈50 15≈00 | 16 ♀ 16 16 ♀ 22 | 28 m. 18 28 m. 52 | 6 궁 07 6 궁 54 | 25 궁 07 25 궁 33 | 15≈44 15≈55 | 17 ≘ 31 17 ≘ 36 | 29 m.27 0 ≠ 01 | 7 3 00 7 3 46 | 25중57 26중23 | 16≈39 16≈49 |
| | | | | 25중10 | | | | | | | | | | | |
| 45S 46S | 15 ♀ 12 15 ♀ 18 | 28 m 17 28 m 54 | 6 궁 51 7 궁 41 | 25 중 10 25 중 38 | 15≈11 15≈22 | 16 ♀ 27 16 ♀ 33 | 29 m.27 0 ≈ 04 | 7 る 42 8 る 32 | 26 궁 00 26 궁 28 | 16≈06 16≈17 | 17 ♀ 42 17 ♀ 49 | 0 ₹ 36 1 ₹ 14 | 8 궁 34 9 궁 23 | 26궁50 27궁17 | 17≈00 17≈11 |
| 47S | 15 ≘ 23 | 29 m 33 | 8중33 | 26중08 | 15≈34 | 16-239 | 0 ₹ 44 | 9중24 | 26중57 | 16≈28 | 17-15 | 1 ₹ 53 | 10궁14 | 27중46 | 17≈22 |
| | 15 | 0 × 15 | 9중26 | 26중38 | 15≈46 | 16 246 | 1 🗷 25 | 10중17 | 27326 | 16≈40 | 18 ₾ 02 | 2 🗷 35 | 11궁07 | 28중15 | 17≈33 |
| | 15 ≏ 36 | 0 ₹ 58 | 10중22 | 27중09 | 15≈58 | 16≗53 | 2 ₹ 09 | 11중11 | 27궁57 | 16≈52 | 18 ₾ 10 | 3 ₹ 19 | 12중01 | 28중45 | 17≈45 |
| 50S | 15 ≏ 42 | 1 🗷 45 | 11319 | 27중41 | 16≈11 | 17 ₾ 00 | 2 7 56 | 12국08 | 28329 | 17≈04 | 18 ₾ 17 | 4×106 | 12 る 57 | 29중17 | 17≈58 |
| 51S 52S | 15 ♀ 49 15 ♀ 57 | 2 ₹ 35 3 ₹ 28 | 12 る 19 13 る 20 | 28중14 28중48 | 16≈25 16≈38 | 17 ♀ 08 17 ♀ 16 | 3 ₹ 46 4 ₹ 39 | 13 궁 07 14 궁 08 | 29 궁 02 29 궁 36 | 17≈17 17≈31 | 18 ♀ 25 18 ♀ 34 | 4 x 36 5 x 49 | 13궁55 14궁55 | 29⋜49 0≈23 | 18≈10 18≈24 |
| 53S | 15 ≗ 57 | 3 x · 28 4 ₹ 25 | 14324 | 29중24 | 16≈53 | 17 <u>2</u> 10 | 5×39 | 15중11 | 0≈11 | 17≈31 | 18 <u>2</u> 34 | 6×146 | 14 8 33 | 0≈23 0≈58 | 18≈38 |
| 54S | 16 2 13 | 5 ₹ 26 | 15중30 | 0≈01 | 17≈08 | 17 △ 33 | 6 <i>≱</i> 37 | 16중16 | 0≈48 | 18≈00 | 18 ≏ 53 | 7 <i>≯</i> 148 | 17중02 | 1≈34 | 18≈52 |
| 55S | 16≏22 | 6₹32 | 16중39 | 0≈40 | 17≈23 | 17≏43 | 7 <i>₹</i> 144 | 17중24 | 1≈26 | 18≈15 | 19ჲ04 | 8 ₹ 54 | 18궁09 | 2≈12 | 19≈07 |
| 56S | 16 2 32 | 7 ₹ 44 | 17궁50 | 1≈21 | 17≈40 | 17 △ 54 | 8×156 | 18중34 | 2≈06 | 18≈31 | 19 ₾ 15 | 10 ₹ 06 | 19중18 | 2≈51 | 19≈23 |
| 57S | 16 2 42 | 9 \$7 03 | 19중04 | 2≈03 | 17≈57 | 18 a 05 | 10 🗷 14 | 19궁47 | 2≈47 | 18≈48 10≈06 | 19 <u>2</u> 27 | 11 🗷 25 | 20중30 | 3≈32 | 19≈39 |
| 58S 59S | 16 ♀ 54 17 ♀ 06 | 10 ₹ 29 12 ₹ 05 | 20중21 21중42 | 2≈47 3≈33 | 18≈15 18≈34 | 18 <u>⊕</u> 17 | 11 x 41 13 x 16 | 21중03 22중22 | 3≈30 4≈16 | 19≈06 19≈24 | 19 <u>0</u> 40 | 12 x 51 14 x 25 | 21정45 23정03 | 4≈14 4≈59 | 19≈56 20≈14 |
| 60S | 17 2 00 | 13 🗷 51 | 23305 | 4≈21 | 18≈54 | 18 - 45 | 15×10 | 23344 | 5≈03 | 19≈43 | 20 ⊕ 10 | 16 \$7 11 | 24324 | 5≈45 | 20≈33 |
| 61S | 17 2 19 | 15 x 51 | 23 등 03 24 등 32 | 4≈21 5≈11 | 19≈15 | 19200 | 17×100 | 25 중 10 | 5≈53 | 19≈43 | 20 <u>2</u> 27 | 18 \$7 09 | 25~348 | 5≈43 6≈34 | 20≈53 20≈54 |
| 62S | 17♀50 | 18 ≠ 07 | 26중02 | 6≈04 | 19≈37 | 19 ₾ 18 | 19∡16 | 26중38 | 6≈45 | 20≈26 | 20ჲ45 | 20 ₹ 23 | 27중15 | 7≈26 | 21≈15 |
| 63S | 18 ₾ 08 | 20 🗷 45 | 27중35 | 7≈00 | 20≈00 | 19 ₾ 37 | 21 🗷 52 | 28311 | 7 ≈ 40 | 20≈49 | 21 206 | 22 🗷 57 | 28궁46 | 8≈20 | 21≈37 |
| 64S | 18≏27 | 23 ₹ 52 | 29중13 | 7≈59 | 20≈25 | 19≗58 | 24 ₹ 56 | 29중47 | 8≈37 | 21≈13 | 21 ₾ 29 | 25 ₹ 58 | 0≈20 | 9≈16 | 22≈01 |
| 65S | 18 △ 49 | 27 🗷 42 | 0≈54 2 40 | 9≈01 10≈06 | 20≈52 | 20 <u>a</u> 22 20 <u>a</u> 49 | 28 ₹41 3 ₹32 | 1≈26 | 9≈38 | 21≈39 22≈07 | 21 △ 54 22 △ 24 | 29 ₹37 4 3 18 | 1≈58 | 10≈16 | 22≈26 |
| 66S | | | /00/11) | 11100(16 | 21≈20 | " /II D /IU | 1 4 5 4 7 | 3≈10 | 10≈42 | 1//2011/ | " //D 7/I | /I =< I V | 1 100/11 | | 22≈53 |
| pc | 19 ♀ 14 19 ♀ 30 | 2정45 6정24 | 2≈40 3≈41 | 10≈00 | 21≈20 21≈37 | 21 <u>a</u> 06 | 6중58 | 4≈10 | 11≈20 | 22≈23 | 22 <u>a</u> 42 | 7 3 32 | 3≈40 4≈39 | 11≈19 11≈56 | 23≈09 |

| | Sid.Tir MC: | | 00m A 43'11 | RMC: 1 | 65°00' | Sid.Tir MC: | | 04m A 47'49 | RMC: 1 | 166°00' | Sid.Tir MC: | me: 11h | 08m A 52'33 | RMC: 1 | .67°00' |
|------------|--|--------------------|----------------------------------|----------------------------------|----------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------|----------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 16≗16 | 17m27 | 16 <i>z</i> r11 | 13중48 | 12≈32 | 17≏21 | 18m.27 | 17≉06 | 14중44 | 13≈32 | 18≏25 | 19 m.27 | 18 ≈ 02 | 15궁40 | 14≈32 |
| 1S | 16 2 19 | 17m.40 | 16 ₮ 34 | 14궁04 | 12≈38 | 17≏23 | 18m39 | 17∡730 | 14る59 | 13≈38 | 18≏28 | 19m39 | 18 ₹ 25 | 15중55 | 14≈37 |
| 2S | 16 2 21 | 17m.52 | 16 🗷 58 | 14궁19 | 12≈44 | 17 € 26 | 18 m. 52 | 17 🗷 53 | 15315 | 13≈44 | 18 🕰 31 | 19 m. 52 | 18 🗷 49 | 16궁10 | 14≈43 |
| 3S 4S | 16 2 24 16 2 26 | 18m.04 18m.17 | 17∡21 17∡45 | 14궁35 14궁50 | 12≈50 12≈56 | 17 <u>⊕</u> 29 17 <u>⊕</u> 31 | 19m.05 19m.17 | 18∡17 18∡41 | 15궁30 15궁46 | 13≈50 13≈55 | 18 亞 34 18 亞 36 | 20 m. 05 20 m. 18 | 19 ₹ 13 19 ₹ 36 | 16궁26 16궁41 | 14≈49 14≈55 |
| 5S | 16 - 29 | 18 m. 30 | 18 🗷 09 | 15중06 | 13≈02 | 17 ⊆ 34 | 19 m. 30 | 19 🗷 04 | 16중01 | 14≈01 | 18 ₾ 39 | 20 m. 31 | 20 \$\times 00\$ | 16궁56 | 15≈01 |
| 6S | 16 29 | 18 m 42 | 18×109 | 15중00 15중21 | 13≈02 | 17 2 34 17 2 37 | 19 m 43 | 19×104 19×128 | 16중16 | 14≈01 | 18 2 42 | 20 m 44 | 20 × 00 20 × 24 | 10 日 30 | 15≈07 |
| 7S | 16 2 34 | 18m.55 | 18×57 | 15중37 | 13≈14 | 17 2 39 | 19m.56 | 19 🗷 53 | 16중32 | 14≈13 | 18 ≏ 45 | 20 m 57 | 20 🗷 48 | 17827 | 15≈13 |
| 8S | 16 ≏ 36 | 19m.08 | 19∡21 | 15중52 | 13≈20 | 17 ≏ 42 | 20m09 | 20 ₮ 17 | 16궁47 | 14≈19 | 18 ≏ 48 | 21 m 10 | 21 ∡ 13 | 17중43 | 15≈19 |
| 9S | 16₽39 | 19m22 | 19∡45 | 16궁08 | 13≈26 | 17 ≏ 45 | 20 m.23 | 20 ∡ 41 | 17る03 | 14≈25 | 18≏51 | 21 m.24 | 21 ∡ 37 | 17る58 | 15≈25 |
| 10S | 16 ≏ 41 | 19m.35 | 20 ₮ 10 | 16중23 | 13≈32 | 17 ≏ 47 | 20m36 | 21 ∡ 06 | 17ਰ18 | 14≈31 | 18≏53 | 21 m 38 | 22 ₮ 02 | 18중13 | 15≈30 |
| 118 | 16 △ 44 | 19m49 | 20 🗷 35 | 16궁39 | 13≈39 | 17 ≏ 50 | 20 m 50 | 21 🗷 31 | 17 る 34 | 14≈37 | 18256 | 21 m.51 | 22 🗷 27 | 18329 | 15≈36 |
| 12S 13S | 16 ♀ 47 16 ♀ 49 | 20 m 02 20 m 16 | 21 ∡ 00 21 ∡ 25 | 16궁55 17궁11 | 13≈45 13≈51 | 17 ♀ 53 17 ♀ 56 | 21 m.04 21 m.18 | 21 ∡ 56 22 ∡ 21 | 17궁50 18궁05 | 14≈43 14≈49 | 18 ♀ 59 19 ♀ 02 | 22 m.06 22 m.20 | 22 ₹ 52 23 ₹ 17 | 18 궁 45 19 궁 00 | 15≈42 15≈48 |
| 14S | 16 <u>2</u> 52 | 20 m 30 | 21 🗷 51 | 17 3 11 | 13≈57 | 17 ⊆ 50 | 21 m 32 | 22 × 47 | 18 3 03 | 14≈56 | 19 <u>2</u> 02 | 22 m 34 | 23 🗷 43 | 19중16 | 15≈54 |
| 15S | 16≗55 | 20m.45 | 22 ₹ 17 | 17중43 | 14≈03 | 18≏02 | 21 m.47 | 23 ₹ 13 | 18중37 | 15≈02 | 19ჲ09 | 22 m.49 | 24 ₹ 09 | 19중32 | 16≈00 |
| 16S | 16 2 58 | 20 m 59 | 22 × 43 | 17 공 59 | 14≈09 | 18 ≗ 02 | 22 m 02 | 23 🗷 39 | 18 공 53 | 15≈08 | 19 ₾ 12 | 23 m 04 | 24 🗷 35 | 19 3 48 | 16≈06 |
| 17S | 17ჲ01 | 21 m 14 | 23 ≉ 09 | 18ਰ15 | 14≈16 | 18≏08 | 22 m 17 | 24 ≉ 05 | 19궁09 | 15≈14 | 19 2 15 | 23 m 19 | 25 द 01 | 20중04 | 16≈12 |
| 18S | 17 ₾ 03 | 21 m 29 | 23 × 36 | 18중31 | 14≈22 | 18 ₾ 11 | 22 m 32 | 24 × 32 | 19326 | 15≈20 | 19 ₾ 18 | 23 m 35 | 25 ₹28 | 20궁20 | 16≈19 |
| 198 | 17 2 06 | 21 m. 45 | 24 🗷 03 | 18348 | 14≈29 | 18 ₾ 14 | 22 m.48 | 24 ₹ 59 | 19342 | 15≈27 | 19 ₾ 22 | 23 m.50 | 25 ₹ 55 | 20중36 | 16≈25 |
| 20S | 17 ♀ 09 | 22 m 01 | 24 🗷 31 | 19중05 | 14≈35 | 18 ≏ 17 | 23 m 04 | 25 × 27 | 19궁59 | 15≈33 15≈39 | 19 2 5 19 2 8 | 24 m 07 | 26 × 22 | 20중53 | 16≈31 |
| 21S 22S | 17 ♀ 12 17 ♀ 16 | 22 m 17 22 m 33 | 24 ∡ 59 25 ∡ 27 | 19 る 21 19 る 38 | 14≈42 14≈48 | 18 <u>⊕</u> 20 18 <u>⊕</u> 24 | 23 m 20 23 m 37 | 25 ₹ 55 26 ₹ 23 | 20중15 20중32 | 15≈39 | 19±28 19±32 | 24 m.23 24 m.40 | 26 × 50 27 × 18 | 21궁09 21궁26 | 16≈37 16≈44 |
| 23S | 17 ⊆ 10 | 22 m 50 | 25 × 56 | 19궁56 | 14≈55 | 18 - 27 | 23 m 54 | 26 × 52 | 20 3 2 20 3 49 | 15≈52 | 19 <u>0</u> 35 | 24 m 57 | 27×10 | 21343 | 16≈50 |
| 24S | 17 ≏ 22 | 23 m 07 | 26≉25 | 20중13 | 15≈02 | 18 ≏ 31 | 24m.11 | 27 ₹ 21 | 21궁07 | 15≈59 | 19മ39 | 25 m 14 | 28 ₮ 16 | 22중00 | 16≈57 |
| 25S | 17 ≏ 25 | 23 m. 25 | 26 ₹ 55 | 20중31 | 15≈08 | 18ჲ34 | 24 m. 29 | 27 ∡ 50 | 21궁24 | 16≈06 | 19ჲ43 | 25 m 32 | 28 ∡ 46 | 22중18 | 17≈03 |
| 26S | 17 ≏ 29 | 23 m 43 | 27 ₹ 25 | 20궁49 | 15≈15 | 18≏38 | 24 m 47 | 28 ∡ 21 | 21궁42 | 16≈13 | 19≏47 | 25 m 51 | 29 ₹ 16 | 22중35 | 17≈10 |
| 27S | 17 ₾ 32 | 24m.01 | 27 ₹ 56 | 21중07 | 15≈22 | 18 ₾ 42 | 25 m 05 | 28 🗷 51 | 22중00 | 16≈19 | 19.251 | 26 m 10 | 29 🗷 46 | 22중53 | 17≈17 |
| 28S 29S | 17 ♀ 36 17 ♀ 39 | 24 m 20 24 m 40 | 28 ∡ 27 28 ∡ 59 | 21중25 21중44 | 15≈29 15≈37 | 18 ♀ 45 18 ♀ 49 | 25 m. 25 25 m. 44 | 29 ₹22 29 ₹54 | 22중18 22중37 | 16≈26 16≈34 | 19 a 55 | 26 m. 29 26 m. 49 | 0중18 0중49 | 23중11 23중30 | 17≈24 17≈31 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 17 ≙ 43 | 25 m 00 25 m 20 | 29∡32 0중05 | 22 る 03 22 る 22 | 15≈44 15≈51 | 18 ≏ 53 18 ≏ 57 | 26m.05 26m.26 | 0중27 1중00 | 22궁56 23궁15 | 16≈41 16≈48 | 20 <u>a</u> 03 | 27 m.09 27 m.30 | 1중22 1중55 | 23중48 24중07 | 17≈38 17≈45 |
| 32S | 17 ⊆ 51 | 25 m. 42 | 0중39 | 22 공 42 | 15≈59 | 19 ₾ 01 | 26 m 47 | 1334 | 23 궁 34 | 16≈56 | 20 ₾ 12 | 27 m 52 | 2528 | 24 궁 27 | 17≈52 |
| 33S | 17 ≏ 55 | 26m04 | 1중14 | 23중02 | 16≈07 | 19 ≏ 06 | 27m09 | 2중08 | 23궁54 | 17≈03 | 20 ≏ 16 | 28 m 14 | 3동03 | 24궁46 | 18≈00 |
| 34S | 17 ≏ 59 | 26m26 | 1349 | 23중22 | 16≈15 | 19 ₾ 10 | 27m32 | 2중44 | 24중14 | 17≈11 | 20 ₾ 21 | 28 m 37 | 3중38 | 25중06 | 18≈07 |
| 35S | 18≏04 | 26m.50 | 2중26 | 23중43 | 16≈23 | 19 ≏ 15 | 27m.56 | 3중20 | 24궁35 | 17≈19 | 20 ₾ 26 | 29m01 | 4궁14 | 25궁27 | 18≈15 |
| 36S | 18 <u>0</u> 08 | 27m 14 | 3중03 | 24중04 24중26 | 16≈31 16≈39 | 19 ₾ 20 | 28 m 20 | 3 공 57 | 24356 | 17≈27 | 20 ₾ 31 | 29 m 26 | 4 궁 50 | 25348 | 18≈23 |
| 37S 38S | 18 ≏ 13 | 27 m 40 28 m 06 | 3정41 4정20 | | | 19 <u>⊕</u> 25 19 <u>⊕</u> 30 | 28 m. 46 29 m. 12 | 4 궁 35 | 25 궁 17 25 궁 39 | 17≈35 17≈44 | 20 <u>0</u> 36 | 29 m.52 0 x 18 | 5 3 28 | 26 궁 09 26 궁 31 | 18≈31 18≈39 |
| | 18 ≏ 23 | 28 m. 33 | 5중00 | 25중11 | 16≈57 | 19 ₾ 35 | 29 m 40 | 5 日 53 | 26중02 | 17≈52 | 20 ₾ 47 | 0 ₹ 46 | 6346 | 26궁53 | 18≈48 |
| 40S | 18≏28 | 29 m 02 | 5중41 | 25중34 | 17≈06 | 19ჲ41 | 0 ₹ 09 | 6중34 | 26궁25 | 18≈01 | 20₽53 | 1 ₹ 15 | 7궁26 | 27중16 | 18≈56 |
| 41S | 18 ≏ 33 | 29 m 31 | 6ਰ23 | 25중58 | 17≈15 | 19 ≙ 46 | 0 ₹ 38 | 7중16 | 26궁48 | 18≈10 | 20 ₾ 59 | 1 🗷 45 | 8808 | 27중39 | 19≈05 |
| 42S | 18 ₾ 39 | 0 ≠ 02 | 7중07 | 26중22 | 17≈24 | 19 ≏ 52 | 1×10 | 7궁59 | 27중12 | 18≈19 | 21 ≏ 06 | 2 ₹ 16 | 8중51 | 28중03 | 19≈14 |
| 438 | 18 <u>0</u> 45 | 0 ₹ 35 1 ₹ 09 | 7정52 8정38 | 26중47 | 17≈34 | 19 <u>a</u> 59 20 <u>a</u> 05 | 1 × 42 | 8 정 43 9 정 29 | 27 る 37 28 る 03 | 18≈29 | 21 <u>□</u> 12 21 <u>□</u> 19 | 2 7 49 | 9 3 35 | 28 3 27 | 19≈24 19≈33 |
| 448 | 18 2 51 | | | 27중13 | 17≈44 | | 2 7 17 | | | 18≈39 | | 3 🗷 24 | 10중20 | 28중53 | |
| 45S 46S | 18 ♀ 57 19 ♀ 04 | 1 ₹ 45 2 ₹ 22 | 9 궁 25 10 궁 14 | 27る39 28る07 | 17≈54 18≈05 | 20 <u>a</u> 12 | 2 ₹ 52 3 ₹ 30 | 10궁16 11궁04 | 28 궁 29 28 궁 56 | 18≈49 18≈59 | 21 <u>⊕</u> 26 21 <u>⊕</u> 34 | 4 ₹ 00 4 ₹ 37 | 11궁06 11궁54 | 29궁18 29궁45 | 19≈43 19≈53 |
| 47S | 19 2 11 | 3 ₹ 02 | 11중04 | 28중35 | 18≈16 | 20 ♀ 26 | 4×10 | 11공54 | 29중24 | 19≈10 | 21 🖴 42 | 5×17 | 12343 | 0≈13 | 20≈04 |
| 48S | 19 ≏ 18 | 3 ₹ 44 | 11궁56 | 29궁04 | 18≈27 | 20 △ 34 | 4 <i>₹</i> 52 | 12중45 | 29궁52 | 19≈21 | 21 ≙ 50 | 5 ₹ 59 | 13중34 | 0≈41 | 20≈15 |
| 49S | 19 ≏ 26 | 4 ₹ 28 | 12る50 | 29궁34 | 18≈39 | 20 ₾ 43 | 5 <i>≱</i> 136 | 13중38 | 0≈22 | 19≈32 | 21 ₾ 59 | 6 ₹ 44 | 14중27 | 1≈10 | 20≈26 |
| 50S | 19 △ 34 | 5×15 | 13845 | 0≈05 | 18≈51 | 20 - 51 | 6×24 | 14중33 | 0≈52 | 19≈44 | 22 ₾ 08 | 7 <i>₹</i> 31 | 15중21 | 1≈40 | 20≈38 |
| | 19 <u>₽</u> 43 | 6×105 | 14 る 43 | 0≈37 | 19≈03 | 21 0 10 | 7×14 | 15 云 30 | 1≈24 | 19≈57 | 22 <u>a</u> 18 | 8 × 22 | 16중17 | 2≈11 | 20≈50 21≈02 |
| 52S 53S | 19♀52 20♀02 | 6 ₹ 59 7 ₹ 56 | 15 공 42 16 공 44 | 1≈10 1≈44 | 19≈17 19≈30 | 21 <u>a</u> 10 | 8 ₹ 07 9 ₹ 05 | 16궁29 17궁29 | 1≈57 2≈31 | 20≈09 20≈23 | 22 <u>0</u> 28 | 9 ₹ 15 10 ₹ 12 | 17 さ 15 18 さ 15 | 2≈44 3≈17 | 21≈02 21≈15 |
| | 20 ₾ 13 | 8 ₹ 58 | 17 공 47 | 2≈20 | 19≈44 | 21 <u>a</u> 32 | 10 🗷 06 | 18중32 | 3≈06 | 20≈36 | 22 <u>-</u> 51 | 11 7 14 | 19중17 | 3≈52 | 21≈29 |
| 55S | 20 ≏ 24 | 10 ₹ 04 | 18중53 | 2≈57 | 19≈59 | 21 <u>≏</u> 44 | 11 🗷 12 | 19궁37 | 3≈43 | 20≈51 | 23 ₾ 03 | 12 ₹ 20 | 20중21 | 4≈28 | 21≈43 |
| 56S | 20≗36 | 11 ₹ 16 | 20중02 | 3≈36 | 20≈14 | 21 ≏ 57 | 12 ₹ 24 | 20중45 | 4≈21 | 21≈06 | 23 <u>≈</u> 17 | 13 ₹ 32 | 21328 | 5≈06 | 21≈58 |
| | 20 △ 49 | 12 🗷 34 | 21중13 | 4≈16 | 20≈30 | 22 - 10 | 13 🗷 42 | 21중55 | 5≈00 | 21≈22 | 23 ₾ 32 | 14 🗷 50 | 22837 | 5≈45 | 22≈13 |
| 588 | 21 <u>0</u> 03 | 14 × 100 | 22327 | 4≈58 5 × 42 | 20≈47 | 22 <u>a</u> 25 | 15 \$7 08 | 23중08 | 5≈42 | 21≈38 | 23 - 47 | 16 \$7 14 | 23349 | 6≈25 | 22≈29 |
| 598 | 21 <u>a</u> 18 | 15 🗷 34 | 23343 | 5≈42 | 21≈05 | 22 2 41 | 16 🗷 41 | 24323 | 6≈25 | 21≈55 | 24 🖴 04 | 17 🗷 48 | 25중03 | 7≈08 | 22≈46 |
| 60S 61S | 21 △ 35 21 △ 53 | 17 ₹ 19 19 ₹ 16 | 25 궁 03 26 궁 25 | 6≈28 7≈16 | 21≈24 21≈43 | 22 <u>a</u> 59 | 18 ₹ 25 20 ₹ 21 | 25 궁 42 27 궁 03 | 7≈10 7≈57 | 22≈14 22≈33 | 24 <u>a</u> 23 | 19 ₹31 21 ₹26 | 26궁20 27궁41 | 7≈52 8≈39 | 23≈04 23≈23 |
| 62S | 21 = 33 22 = 1 2 | 21×16 | 20 5 23 27 중 51 | 7≈16 8≈06 | 21≈43 22≈04 | 23 <u>a</u> 18 | 20 × 21 22 × 32 | 27 5 03 28 중 28 | 7≈57 8≈47 | 22≈53 22≈53 | 25 <u>0</u> 6 | 23 🗷 35 | 27 5 41 29 궁 04 | 9≈28 | 23≈23 23≈42 |
| 63S | 22 <u>0</u> 34 | 24×200 | 29중21 | 8≈59 | 22≈26 | 24 ₾ 03 | 25 ₹ 02 | 29궁56 | 9≈39 | 23≈14 | 25 ₾ 31 | 26 ₹ 03 | 0≈30 | 10≈19 | 24≈03 |
| 64S | 22 ₾ 59 | 26 ₹ 58 | 0≈54 | 9≈55 | 22≈49 | 24 ₾ 29 | 27 ₺ 57 | 1≈27 | 10≈34 | 23≈37 | 25 ₾ 58 | 28 ≯ 54 | 2≈00 | 11≈13 | 24≈25 |
| 65S | 23 | 0중32 | 2≈30 | 10≈54 | 23≈14 | 24≗58 | 1중26 | 3≈02 | 11≈31 | 24≈01 | 26≗30 | 2ਰ17 | 3≈34 | 12≈09 | 24≈49 |
| 66S | 23 ₾ 58 | 5중03 | 4≈10 | 11≈55 | 23≈40 | 25 | 5346 | 4≈41 5 20 | 12≈32 | 24≈27 | 27 ₾ 05 | 6329 | 5≈11 | 13≈09 | 25≈14 |
| pc | 24 <u>⊶</u> 17 | 8중06 | 5≈08 | 12≈32 | 23≈56 | 25 ≏ 53 | 8중40 | 5≈38 | 13≈08 | 24≈42 | 27 2 28 | 9중13 | 6≈07 | 13≈43 | 25≈29 |

| | Sid.Tir MC: | | 12m A 57'22 | RMC: 1 | 68°00' | Sid.Tir MC: | | 16m A 02'17 | RMC: 1 | 69°00' | Sid.Tir MC: | | 20m A 07'16 | RMC: 1 | .70°00' |
|------------|------------------------------------|----------------------|----------------------------------|----------------------------------|----------------|----------------------------------|-----------------------------------|--|-------------------------|----------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 19മ30 | 20 m 26 | 18 <i>≭</i> 57 | 16중35 | 15≈32 | 20 <u> </u> | 21 m.25 | 19∡53 | 17중31 | 16≈32 | 21 ≏ 38 | 22 m 24 | 20 ∡ 48 | 18궁27 | 17≈33 |
| 18 | 19 △ 32 | 20m39 | 19₹21 | 16중51 | 15≈38 | 20 △ 37 | 21 m 38 | 20 ₹ 16 | 17847 | 16≈38 | 21 △ 41 | 22 m 37 | 21 🗷 12 | 18343 | 17≈38 |
| 2S | 19 △ 35 | 20 m 52 | 19 🗷 45 | 17궁06 | 15≈43 | 20 ₾ 40 | 21 m.51 | 20 🗷 40 | 18 궁 02 | 16≈44 | 21 244 | 22 m 50 | 21 7 35 | 18궁58 | 17≈44 |
| 3S 4S | 19 ≏ 38 19 ≏ 41 | 21 m 04 21 m 18 | 20 ₹ 08 20 ₹ 32 | 17る21 17る37 | 15≈49 15≈55 | 20 <u>a</u> 43 | 22 m. 04 22 m. 17 | 21 ∡ 04 21 ∡ 28 | 18중17 18중32 | 16≈49 16≈55 | 21 <u>a</u> 47 | 23 m.04 23 m.17 | 21 🗷 59 22 🗷 23 | 19 궁 13 19 궁 28 | 17≈50 17≈55 |
| | | | | | | | | | 18348 | | | | | | |
| 5S 6S | 19 ≗ 44 | 21 m. 31 21 m. 44 | 20 ₹ 56 21 ₹ 20 | 17る52 18る07 | 16≈01 16≈07 | 20 <u>a</u> 49 | 22 m. 31 22 m. 44 | 21 ∡ 52 22 ∡ 16 | 18648 19 중 03 | 17≈01 17≈06 | 21 2 54 21 2 57 | 23 m. 30 23 m. 44 | 22 ∡ 47 23 ∡ 11 | 19 궁 43 19 궁 58 | 18≈01 18≈06 |
| 7S | 19≗50 | 21 m 57 | 21 🗷 44 | 18중23 | 16≈12 | 20 <u>2</u> 55 | 22 m 58 | 22 × 10 | 19중18 | 17≈12 | 22 € 00 | 23 m 58 | 23 × 35 | 20중14 | 18≈12 |
| 8S | 19≗53 | 22 m 11 | 22 ₹ 09 | 18중38 | 16≈18 | 20 ♀ 59 | 23 m 11 | 23 ∡ 04 | 19중33 | 17≈18 | 22 <u>₽</u> 04 | 24 m 12 | 24 ₹ 00 | 20궁29 | 18≈18 |
| 9S | 19ჲ56 | 22 m 25 | 22 ₹ 33 | 18궁53 | 16≈24 | 21 ₾ 02 | 23 m 25 | 23 ∡ 29 | 19궁49 | 17≈23 | 22 ₾ 07 | 24 m 26 | 24 ₹ 24 | 20중44 | 18≈23 |
| 10S | 19ჲ59 | 22 m 39 | 22 ∡ 58 | 19궁09 | 16≈30 | 21 ≏ 05 | 23 m 39 | 23 ∡ 53 | 20중04 | 17≈29 | 22 ≏ 11 | 24 m 40 | 24 ₹ 49 | 20궁59 | 18≈29 |
| 11S | 20 ₾ 02 | 22 m 53 | 23 ₹ 23 | 19중24 | 16≈36 | 21 ≏ 08 | 23 m 53 | 24 द्र⁴ 18 | 20중19 | 17≈35 | 22 ≏ 14 | 24 m 54 | 25 ҂ 14 | 21중14 | 18≈34 |
| 12S | 20 ₾ 06 | 23 m 07 | 23 ₹ 48 | 19중40 | 16≈41 | 21 | 24m08 | 24 ∡ 43 | 20중35 | 17≈41 | 22 <u>⊶</u> 17 | 25 m 09 | 25 ₹ 39 | 21중30 | 18≈40 |
| 13S 14S | 20 <u>a</u> 09 20 <u>a</u> 12 | 23 m.21 23 m.36 | 24 🗷 13 24 🗷 39 | 19궁55 20궁11 | 16≈47 | 21 <u>□</u> 15 21 <u>□</u> 18 | 24 m. 22 24 m. 37 | 25 ₹ 09 25 ₹ 34 | 20궁50 21궁06 | 17≈46 17≈52 | 22 <u>2</u> 21 | 25 m.23 25 m.38 | 26 ₹ 04 26 ₹ 30 | 21중45 22중00 | 18≈46 18≈51 |
| | | | | | 16≈53 | | | | | | | | | | |
| 15S 16S | 20 ⊆ 15 20 ⊆ 19 | 23 m. 51 24 m. 06 | 25 ₹ 04 25 ₹ 31 | 20중27 20중42 | 16≈59 17≈05 | 21 <u>⊕</u> 22 21 <u>⊕</u> 25 | 24 m. 52 25 m. 08 | 26 ₹ 00 26 ₹ 26 | 21중21 21중37 | 17≈58 18≈04 | 22 <u>a</u> 28 | 25 m.54 26 m.09 | 26 ₹ 56 27 ₹ 22 | 22중16 22중32 | 18≈57 19≈03 |
| 17S | 20 € 22 | 24 m 21 | 25 x 57 | 20중58 | 17≈03 17≈11 | 21 <u>22</u> 3 | 25 m 23 | 26 x 53 | 21 日 57 | 18≈10 | 22 <u>~</u> 32 | 26 m 25 | 27 x 22 27 x 48 | 22 당 32 22 당 47 | 19≈03 19≈09 |
| 18S | 20 € 25 | 24 m 37 | 26×24 | 21314 | 17≈17 | 21 <u>a</u> 32 | 25 m 39 | 27 × 19 | 21 3 33 | 18≈16 | 22 <u>~</u> 39 | 26 m 41 | 28 🖈 15 | 23중03 | 19≈14 |
| 19S | 20 ₾ 29 | 24 m 53 | 26 ₹ 51 | 21중31 | 17≈23 | 21 △ 36 | 25 m 55 | 27 ≉ 46 | 22325 | 18≈22 | 22 △ 43 | 26 m 57 | 28 ₹ 41 | 23중19 | 19≈20 |
| 20S | 20മ33 | 25 m 09 | 27 ₹ 18 | 21궁47 | 17≈29 | 21 <u>⊶</u> 40 | 26m.11 | 28 ₮ 13 | 22중41 | 18≈28 | 22 <u>₽</u> 47 | 27 m. 13 | 29 ₹ 09 | 23중35 | 19≈26 |
| 21S | 20≗36 | 25 m 26 | 27 ∡ 46 | 22る03 | 17≈36 | 21 △ 44 | 26m28 | 28 ∡ 41 | 22중58 | 18≈34 | 22 ≏ 51 | 27 m 30 | 29 ≉ 36 | 23중52 | 19≈32 |
| 22S | 20 ₾ 40 | 25 m 43 | 28 🗷 14 | 22る20 | 17≈42 | 21 △ 48 | 26m45 | 29 ₮ 09 | 23중14 | 18≈40 | 22 ≏ 55 | 27 m 48 | 0중04 | 24중08 | 19≈38 |
| 23S | 20 ₾ 44 | 26m.00 | 28 🗷 43 | 22중37 | 17≈48 | 21 2 52 | 27m.03 | 29 🗷 38 | 23중31 | 18≈46 | 22 🕰 59 | 28 m 05 | 0중33 | 24325 | 19≈44 |
| 24S | 20 △ 47 | 26m.18 | 29 ₹ 12 | 22중54 | 17≈55 | 21 ₾ 56 | 27 m.21 | 0중07 | 23348 | 18≈52 | 23 ₾ 04 | 28 m.23 | 1중02 | 24341 | 19≈51 |
| 25S | 20 ₾ 51 | 26m.36 | 29 🗷 41 | 23중11 | 18≈01 | 22 ₾ 00 | 27m39 | 0중36 | 24중05 | 18≈59 | 23 ₾ 08 | 28 m. 42 | 1중31 | 24궁58 | 19≈57 |
| 26S 27S | 20 <u>a</u> 55 21 <u>a</u> 00 | 26 m. 54 27 m. 13 | 0중11 0중41 | 23 궁 29 23 궁 47 | 18≈08 18≈14 | 22 <u>a</u> 04 | 27 m. 57 28 m. 17 | 1 궁 06 1 궁 36 | 24중22 24중40 | 19≈05 19≈12 | 23 <u>a</u> 12 23 <u>a</u> 17 | 29 m.00 29 m.20 | 2 궁 01 2 궁 31 | 25중16 25중33 | 20≈03 20≈09 |
| 28S | 21 204 | 27 m 33 | 1중12 | 24정04 | 18≈21 | 22 ⊆ 13 | 28m36 | 2 3 07 | 24 공 58 | 19≈18 | 23 <u>a</u> 22 | 29 m 39 | 3중01 | 25 공 51 | 20≈16 |
| 29S | 21 ≏ 08 | 27 m 53 | 1344 | 24중23 | 18≈28 | 22 ⊆ 17 | 28m.57 | 2중38 | 25궁16 | 19≈25 | 23 ₾ 26 | 0₽₽0 | 3중33 | 26궁09 | 20≈23 |
| 30S | 21 ≏ 13 | 28 m. 13 | 2중16 | 24중41 | 18≈35 | 22 ₽ 22 | 29 m 17 | 3ਵ11 | 25중34 | 19≈32 | 23 ₾ 31 | 0 ₹ 21 | 4궁05 | 26궁27 | 20≈29 |
| 31S | 21 ≏ 17 | 28m35 | 2549 | 25궁00 | 18≈42 | 22 ≏ 27 | 29 m 39 | 3ਰ43 | 25궁53 | 19≈39 | 23 ₾ 36 | 0 ∡ 42 | 4궁37 | 26궁45 | 20≈36 |
| 32S | 21 | 28 m 57 | 3중22 | 25궁19 | 18≈49 | 22 | 0 🗷 01 | 4궁16 | 26중12 | 19≈46 | 23 △ 41 | 1 ₹ 04 | 5중10 | 27중04 | 20≈43 |
| 338 | 21 <u>2</u> 27 | 29 m 19 | 3 공 57 | 25궁39 | 18≈56 19≈04 | 22 <u>-3</u> 37 | 0 🗷 23 | 4 궁 50 | 26중31 | 19≈53 | 23 <u>△</u> 47 | 1 7 27 | 5 3 44 | 27 궁 23 | 20≈50 |
| 348 | 21 | 29 m. 42 | 4 궁 31 | 25궁59 | | 22 <u>a</u> 42 | 0 🗷 47 | 5 궁 25 | 26중51 | 20≈00 | 23 ₾ 52 | 1 \$751 | 6중18 | 27343 | 20≈57 |
| 35S 36S | 21 △ 37 21 △ 42 | 0 ₹ 06 0 ₹ 31 | 5 궁 07 5 궁 44 | 26 궁 19 26 궁 39 | 19≈11 19≈19 | 22 <u>a</u> 48 | 1 ₹ 11 1 ₹ 36 | 6 궁 01 6 궁 37 | 27중11 27중31 | 20≈08 20≈16 | 23 ♀ 58 24 ♀ 04 | 2 ₹ 15 2 ₹ 40 | 6 궁 54 7 궁 30 | 28 궁 03 28 궁 23 | 21≈04 21≈12 |
| 37S | 21 <u>24</u> 2 | 0 x · 31 | 6 공 21 | 27중00 | 19≈19 | 22 <u>a</u> 59 | 2 × 02 | 7중14 | 27 공 52 | 20≈10 | 24 <u>2</u> 04 24 <u>2</u> 10 | 3 × 07 | 8중06 | 28 る 23 28 る 43 | 21≈12 21≈20 |
| 38S | 21 ⊆ 53 | 1 🗷 24 | 6궁59 | 27822 | 19≈35 | 23 ₾ 05 | 2 🗷 29 | 7중52 | 28중13 | 20≈31 | 24 <u>□</u> 16 | 3 ₹ 34 | 8중44 | 29중04 | 21≈27 |
| 39S | 21 ≏ 59 | 1 ₹ 52 | 7중38 | 27ਰ44 | 19≈44 | 23 ₾ 11 | 2 ₹ 57 | 8중31 | 28중35 | 20≈39 | 24 ₾ 23 | 4 ₹ 02 | 9중23 | 29궁26 | 21≈35 |
| 40S | 22 🖴 05 | 2 ₹ 21 | 8궁19 | 28궁06 | 19≈52 | 23 ₾ 18 | 3 ₹ 26 | 9 궁 11 | 28궁57 | 20≈48 | 24ჲ29 | 4 <i>₹</i> 31 | 10궁02 | 29궁48 | 21≈43 |
| 41S | 22 ≏ 12 | 2 ₹ 51 | 9 궁 00 | 28중30 | 20≈01 | 23 ≏ 24 | 3 ₹ 56 | 9 궁 51 | 29중20 | 20≈56 | 24≗36 | 5 ₹ 01 | 10중43 | 0≈11 | 21≈52 |
| 42S | 22 ₾ 18 | 3 🗷 23 | 9 궁 42 | 28중53 | 20≈10 | 23 ₾ 31 | 4 🗷 28 | 10중33 | 29343 | 21≈05 | 24 2 44 | 5 🗷 33 | 11324 | 0≈34 | 22≈00 |
| 43S 44S | 22 <u>a</u> 25 | 3 ₹ 55 4 ₹ 30 | 10중26 11중10 | 29중17 29중42 | 20≈19 20≈28 | 23 <u>a</u> 39 23 <u>a</u> 46 | 5 \$\squad 01 \\ 5 \$\squad 36 \\ | 11317 12301 | 0≈07 0≈32 | 21≈14 21≈23 | 24 <u>2</u> 51 24 <u>2</u> 59 | 6 ₹ 06 6 ₹ 41 | 12 る 07 12 る 51 | 0≈57 1≈22 | 22≈09 22≈18 |
| 45S | | | | | 20≈38 | 23 ₾ 54 | 6×12 | | | 21≈33 | 25 ⊕ 08 | | 13중36 | | 22≈28 |
| 45S 46S | 22 <u>9</u> 40 | 5 ₹ 06 5 ₹ 44 | 11る57 12る44 | 0≈08 0≈34 | 20≈38 20≈48 | 23 ± 34 24 £ 02 | 6×12 | 12중46 13중33 | 0≈57 1≈23 | 21≈33 21≈42 | 25 <u>a</u> 16 | 7 ₹ 17 7 ₹ 56 | 13 6 36 14 る 23 | 1≈47 2≈12 | 22≈28 |
| 47S | 22 - 56 | 6 ₹ 24 | 13833 | 1≈01 | 20≈58 | 24 ₾ 11 | 7 ₹ 30 | 14중22 | 1≈50 | 21≈53 | 25 ≘ 25 | 8 ₹ 36 | 15중10 | 2≈39 | 22≈47 |
| 48S | 23 ♀ 05 | 7 ₹ 06 | 14중23 | 1≈29 | 21≈09 | 24≗20 | 8 ₹ 13 | 15중12 | 2≈18 | 22≈03 | 25 ≏ 35 | 9∡18 | 16중00 | 3≈06 | 22≈57 |
| 49S | 23 ₾ 14 | 7 <i>₹</i> 51 | 15궁15 | 1≈58 | 21≈20 | 24 ₾ 30 | 8 ₹ 57 | 16중03 | 2≈46 | 22≈14 | 25 △ 45 | 10 ₮ 03 | 16궁51 | 3≈34 | 23≈08 |
| 50S | 23 ≏ 24 | 8 ₹ 38 | 16궁09 | 2≈28 | 21≈31 | 24 ♀ 40 | 9 ₹ 45 | 16궁56 | 3≈16 | 22≈25 | 25 ≏ 56 | 10 ₹ 50 | 17궁43 | 4≈03 | 23≈19 |
| 518 | 23 ₾ 35 | 9 🗷 29 | 17304 | 2≈59 | 21≈43 | 24 <u>0</u> 51 | 10 🗷 35 | 17궁51 | 3≈46 | 22≈36 | 26 ₾ 07 | 11 🗷 40 | 18중37 | 4≈33 | 23≈30 |
| 52S 53S | 23 <u>⊕</u> 45 23 <u>⊕</u> 57 | 10 ₹ 22 11 ₹ 19 | 18 궁 01 19 궁 00 | 3≈31 4≈04 | 21≈55 22≈08 | 25 a 03 25 a 15 | 11 ₹28 12 ₹26 | 18 궁 47 19 궁 46 | 4≈17 | 22≈48 23≈01 | 26 <u>a</u> 19 | 12 ₹ 34 13 ₹ 31 | 19중33 20중31 | 5≈04 5≈36 | 23≈42 23≈54 |
| 53S 54S | 23 <u>1</u> 237 24 <u>1</u> 0 | 12 \$\times 21 | 20중02 | 4≈04 4≈38 | 22≈08 22≈21 | 25 <u>a</u> 15 | 12 x 20 | 19 5 46 20 중 46 | 4≈50 5≈24 | 23≈01 | 26 <u>0</u> 32 26 <u>0</u> 46 | 13 × 31 14 × 32 | 20 5 31 21 중 30 | 5≈36 6≈10 | 23≈34 24≈06 |
| 55S | 24 <u>0</u> 23 | 13 🗷 27 | 21중05 | 5 ≈ 13 | 22≈35 | 25 - 26 | 14 🗷 33 | 21349 | 5≈59 | 23≈27 | 27 € 00 | 15 🗷 38 | 22332 | 6≈44 | 24≈19 |
| 56S | 24 <u>2</u> 23 | 13 x 27 14 z 38 | 21 8 03 | 5≈13 5≈50 | 22≈33 22≈49 | 25 <u>a</u> 57 | 15 × 44 | 21 6 4 9 22 중 5 4 | 5≈39 6≈35 | 23≈27 23≈41 | 27 2 00 27 2 16 | 15 x 38 | 22 5 32 23 궁 36 | 7≈20 | 24≈19 24≈33 |
| 57S | 24 ⊆ 52 | 15 ₹ 56 | 23중19 | 6≈29 | 23≈04 | 26 ₾ 13 | 17 ₹ 01 | 24중01 | 7 ≈ 13 | 23≈56 | 27 🕰 33 | 18 ₹ 05 | 24342 | 7≈57 | 24≈48 |
| 58S | 25 ♀ 09 | 17 ₹ 20 | 24궁30 | 7≈09 | 23≈20 | 26≗30 | 18 ₹ 25 | 25궁10 | 7≈53 | 24≈11 | 27≗51 | 19∡29 | 25중51 | 8≈36 | 25≈03 |
| 59S | 25 2 27 | 18 ₹ 53 | 25중43 | 7≈51 | 23≈37 | 26 ₾ 49 | 19 ₹ 57 | 26중23 | 8≈34 | 24≈27 | 28 ₾ 11 | 21 ₮ 00 | 27る02 | 9≈17 | 25≈18 |
| 60S | 25 △ 47 | 20 ₹ 35 | 26궁59 | 8≈35 | 23≈54 | 27 ≏ 10 | 21 ∡ 38 | 27중37 | 9≈17 | 24≈44 | 28 ₾ 33 | 22 ₹ 40 | 28중16 | 9≈59 | 25≈35 |
| 618 | 26 ₾ 08 | 22 🗷 29 | 28중18 | 9≈20 | 24≈12 | 27 ₾ 33 | 23 🗷 31 | 28궁55 | 10≈02 | 25≈02 | 28 ₾ 57 | 24 🗷 32 | 29중32 | 10≈43 | 25≈52 |
| 62S 63S | 26 ♀ 32 26 ♀ 58 | 24 ₹ 37 27 ₹ 02 | 29중40 | 10≈08 10≈59 | 24≈32 24≈52 | 27 <u>₽</u> 58 28 <u>₽</u> 25 | 25 ₹ 37 28 ₹ 00 | 0≈16 1≈40 | 10≈49 | 25≈21 25≈41 | 29 <u>a</u> 23 | 26 ₹ 36 28 ₹ 57 | 0≈52 2≈14 | 11≈30 12≈18 | 26≈10 26≈30 |
| 64S | 26 <u>11</u> 38 27 <u>11</u> 28 | 29 \$7 50 | 1≈05 2≈34 | 10≈39 11≈51 | 24≈52 25≈13 | 28 <u>a</u> 56 | 28월00 | 1 ≈ 40 3 ≈ 07 | 11≈38 12≈30 | 25≈41 26≈02 | 0m.25 | 1중38 | 2≈14 3≈40 | 12≈18 13≈09 | 26≈50 26≈50 |
| 65S | 28 <u>0</u> 01 | 3308 | 4≈06 | 12≈47 | 25≈36 | 29 △ 31 | 3중58 | 4≈37 | 13≈25 | 26≈24 | 1 m. 02 | 4346 | 5≈09 | 14≈03 | 27≈12 |
| 66S | 28 <u>0</u> 39 | 7중10 | 5≈41 | 12≈47 | 25≈30 26≈01 | 0m.11 | 7중51 | 4≈37 6≈11 | 13≈23 | 26≈48 | 1 m. 44 | 8332 | 6≈42 | 14≈03 14≈59 | 27≈12 27≈35 |
| pc | 29 ⊆ 02 | 9정47 | 6≈36 | 14≈20 | 26≈15 | 0 m 37 | 10중21 | 7≈06 | 14≈56 | 27≈02 | 2 m 10 | 10공55 | 7≈35 | 15≈32 | 27≈49 |
| | | | | | | | | | | 221200 | | | | | |

| 1S 2 2S 2 3S 2 4S 2 5S 2 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 14S 2 15S 2 16S 2 17S 2 | 11 22 \(\alpha 42 \) 22 \(\alpha 45 \) 22 \(\alpha 45 \) 22 \(\alpha 55 \) 22 \(\alpha 55 \) 23 \(\alpha 02 \) 23 \(\alpha 09 \) 23 \(\alpha 12 \) 23 \(\alpha 12 \) 23 \(\alpha 23 \) 23 \(\alpha 24 \) 23 \(\alpha 46 \) 23 \(\alpha 50 \) | 12 23 m. 23 23 m. 36 23 m. 49 24 m. 03 24 m. 16 24 m. 30 24 m. 44 24 m. 58 25 m. 12 25 m. 26 25 m. 60 92 6 m. 24 26 m. 39 26 m. 55 27 m. 10 27 m. 26 | Asc 21 **43 22 **07 22 **31 22 **55 23 **19 23 **43 24 **07 24 **31 24 **55 25 **20 25 **45 26 **09 26 **34 27 **00 27 **25 27 **51 | 2 19524 19539 19554 20509 20524 20539 20554 21509 21524 21539 2154 22510 2255 22540 2255 | 3 18&34 18&39 18&45 18&50 18&56 19&01 19&07 19&12 19&18 19&23 19&29 19&34 19&40 | 11 23 \(\text{a} \) 46 23 \(\text{a} \) 49 23 \(\text{a} \) 52 23 \(\text{a} \) 56 23 \(\text{a} \) 59 24 \(\text{a} \) 03 24 \(\text{a} \) 10 24 \(\text{a} \) 14 24 \(\text{a} \) 17 24 \(\text{a} \) 21 24 \(\text{a} \) 25 | 12 24 m 21 24 m 35 24 m 48 25 m 02 25 m 16 25 m 29 25 m 43 25 m 57 26 m 11 26 m 26 26 m 40 | Asc 22 * 39 23 * 02 23 * 26 23 * 50 24 * 14 24 * 38 25 * 02 25 * 26 25 * 51 26 * 15 | 2 20\operatorname 20 20\operatorname 35 20\operatorname 50 21\operatorname 20 21\operatorname 35 21\operatorname 50 22\operatorname 50 22\operator | 3 19≈35 19≈40 19≈45 19≈51 19≈56 20≈02 20≈07 20≈12 | 11 24 \(\overline{9}\)4 \(\overline{9}\)53 24 \(\overline{9}\)56 25 \(\overline{9}\)00 25 \(\overline{9}\)00 25 \(\overline{9}\)01 25 \(\overline{9}\)11 25 \(\overline{9}\)15 | 12 25 m.20 25 m.33 25 m.47 26 m.01 26 m.15 26 m.28 26 m.42 | Asc 23 ₹ 34 23 ₹ 58 24 ₹ 21 24 ₹ 45 25 ₹ 09 25 ₹ 33 25 ₹ 57 | 2 21 \operatorname{3}16 21 \operatorname{3}31 21 \operatorname{3}46 22 \operatorname{3}01 22 \operatorname{3}31 22 \operatorname{3}46 | 3 20≈36 20≈41 20≈46 20≈52 20≈57 21≈02 21≈07 |
|--|---|--|--|---|---|--|--|--|--|---|---|---|--|---|---|
| 1S 2 2S 2 3S 2 4S 2 5S 2 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 14S 2 15S 2 16S 2 17S 2 | 22 ± 45 22 ± 48 22 ± 52 22 ± 55 22 ± 59 23 ± 02 23 ± 05 23 ± 12 23 ± 16 23 ± 20 23 ± 23 23 ± 23 23 ± 23 23 ± 23 23 ± 23 23 ± 23 23 ± 24 23 ± 24 23 ± 24 23 ± 24 24 ± 24 24 ± 24 25 ± 26 26 ± 26 27 ± 26 28 ± 26 29 ± 26 20 | 23 m.36 23 m.49 24 m.03 24 m.16 24 m.30 24 m.44 24 m.58 25 m.12 25 m.26 25 m.40 25 m.55 26 m.09 26 m.24 26 m.39 26 m.55 27 m.10 | 22 * 07 22 * 31 22 * 55 23 * 19 24 * 07 24 * 31 24 * 55 25 * 20 25 * 45 26 * 09 26 * 34 27 * 00 27 * 25 | 19 \(\pi \) 39 19 \(\pi \) 54 20 \(\pi \) 09 20 \(\pi \) 24 20 \(\pi \) 39 20 \(\pi \) 54 21 \(\pi \) 09 21 \(\pi \) 24 21 \(\pi \) 39 21 \(\pi \) 54 22 \(\pi \) 10 22 \(\pi \) 25 22 \(\pi \) 40 | $18 \approx 39$ $18 \approx 45$ $18 \approx 50$ $18 \approx 56$ $19 \approx 01$ $19 \approx 07$ $19 \approx 12$ $19 \approx 18$ $19 \approx 23$ $19 \approx 29$ $19 \approx 34$ $19 \approx 40$ | 23 £49 23 £52 23 £56 23 £59 24 £03 24 £07 24 £10 24 £14 24 £17 24 £21 | 24 m. 35 24 m. 48 25 m. 02 25 m. 16 25 m. 29 25 m. 43 25 m. 57 26 m. 11 26 m. 26 | 23 x 02 23 x 26 23 x 50 24 x 14 24 x 38 25 x 02 25 x 26 25 x 51 | 20355 20350 21305 21320 21350 21350 22305 | 19≈40 19≈45 19≈51 19≈56 20≈02 20≈07 | 24 \omega 53 24 \omega 56 25 \omega 00 25 \omega 04 25 \omega 07 25 \omega 11 | 25 m.33 25 m.47 26 m.01 26 m.15 26 m.28 26 m.42 | 23 ₹ 58 24 ₹ 21 24 ₹ 45 25 ₹ 09 25 ₹ 33 25 ₹ 57 | 21331 21346 22301 22316 22331 22346 | $20 \approx 41$ $20 \approx 46$ $20 \approx 52$ $20 \approx 57$ $21 \approx 02$ $21 \approx 07$ |
| 2S 2 3S 2 4S 2 5S 2 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 12S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 22 ± 48 22 ± 52 22 ± 55 22 ± 59 23 ± 02 23 ± 05 23 ± 12 23 ± 16 23 ± 20 23 ± 23 23 ± 24 23 ± 24 23 ± 24 24 ± 24 24 ± 24 25 ± 26 26 ± 26 27 ± 26 27 ± 26 28 ± 26 29 ± 26 20 | 23 m. 49 24 m. 03 24 m. 16 24 m. 30 24 m. 44 24 m. 58 25 m. 12 25 m. 26 25 m. 40 25 m. 55 26 m. 09 26 m. 24 26 m. 39 26 m. 55 27 m. 10 | 22 ** 31 22 ** 55 23 ** 19 23 ** 43 24 ** 07 24 ** 31 24 ** 55 25 ** 20 25 ** 45 26 ** 09 26 ** 34 27 ** 00 27 ** 25 | 19554 20509 20524 20539 20554 21509 21524 21539 21554 22510 22525 22540 | 18≈45 18≈50 18≈56 19≈01 19≈07 19≈12 19≈18 19≈23 19≈29 19≈34 19≈40 | 23 \omega 52 23 \omega 56 23 \omega 59 24 \omega 03 24 \omega 07 24 \omega 10 24 \omega 14 24 \omega 17 24 \omega 21 | 24 m.48 25 m.02 25 m.16 25 m.29 25 m.43 25 m.57 26 m.11 26 m.26 | 23 × 26 23 × 50 24 × 14 24 × 38 25 × 02 25 × 26 25 × 51 | 20 3 5 0 21 3 0 5 21 3 2 0 21 3 3 5 21 3 5 0 22 3 0 5 | 19≈45 19≈51 19≈56 20≈02 20≈07 | 24 \omega 56 25 \omega 00 25 \omega 04 25 \omega 07 25 \omega 11 | 25 m.47 26 m.01 26 m.15 26 m.28 26 m.42 | 24 ₹ 21 24 ₹ 45 25 ₹ 09 25 ₹ 33 25 ₹ 57 | 21546 22501 22516 22531 22546 | $20 \approx 46$ $20 \approx 52$ $20 \approx 57$ $21 \approx 02$ $21 \approx 07$ |
| 3S 2 4S 2 5S 2 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 12S 2 14S 2 16S 2 17S 2 | 22 \(\delta \) 52 22 \(\delta \) 55 22 \(\delta \) 59 23 \(\delta \) 02 23 \(\delta \) 09 23 \(\delta \) 12 23 \(\delta \) 12 23 \(\delta \) 34 23 \(\delta \) 38 23 \(\delta \) 44 23 \(\delta \) 446 | 24m.03 24m.16 24m.30 24m.44 24m.58 25m.12 25m.26 25m.40 25m.55 26m.09 26m.24 26m.39 26m.55 27m.10 | 22 x 55 23 x 19 23 x 43 24 x 07 24 x 31 24 x 55 25 x 20 25 x 45 26 x 09 26 x 34 27 x 00 27 x 25 | 20 \(\pi \) 9 20 \(\pi \) 20 \(\pi \) 39 20 \(\pi \) 54 21 \(\pi \) 39 21 \(\pi \) 39 21 \(\pi \) 54 22 \(\pi \) 10 22 \(\pi \) 25 25 22 \(\pi \) 40 | $18 \approx 50$ $18 \approx 56$ $19 \approx 01$ $19 \approx 07$ $19 \approx 12$ $19 \approx 18$ $19 \approx 23$ $19 \approx 29$ $19 \approx 34$ $19 \approx 40$ | 23 \omega 56 23 \omega 59 24 \omega 03 24 \omega 07 24 \omega 10 24 \omega 14 24 \omega 17 24 \omega 21 | 25 m.02 25 m.16 25 m.29 25 m.43 25 m.57 26 m.11 26 m.26 | 23 ₹ 50 24 ₹ 14 24 ₹ 38 25 ₹ 02 25 ₹ 26 25 ₹ 51 | 21305 21320 21335 21350 22305 | 19≈51 19≈56 20≈02 20≈07 | 25 \overline{0}00 25 \overline{0}04 25 \overline{0}07 25 \overline{0}11 | 26 m. 01 26 m. 15 26 m. 28 26 m. 42 | 24 ₹ 45 25 ₹ 09 25 ₹ 33 25 ₹ 57 | 22301 22316 22331 22346 | 20≈52 20≈57 21≈02 21≈07 |
| 4S 2 5S 2 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 12S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 22 \(\delta 55 \) 22 \(\delta 59 \) 23 \(\delta 02 \) 23 \(\delta 03 \) 23 \(\delta 09 \) 23 \(\delta 12 \) 23 \(\delta 16 \) 23 \(\delta 23 \) 23 \(\delta 34 \) 23 \(\delta 38 \) 23 \(\delta 42 \) 23 \(\delta 46 \) | 24 m 16 24 m 30 24 m 44 24 m 58 25 m 12 25 m 26 25 m 40 25 m 55 26 m 09 26 m 24 26 m 39 26 m 55 27 m 10 | 23 × 19 23 × 43 24 × 07 24 × 31 24 × 55 25 × 20 25 × 45 26 × 09 26 × 34 27 × 00 27 × 25 | 20 \(\pi 24 \) 20 \(\pi 39 \) 20 \(\pi 54 \) 21 \(\pi 09 \) 21 \(\pi 24 \) 21 \(\pi 39 \) 21 \(\pi 54 \) 22 \(\pi 10 \) 22 \(\pi 25 \) 22 \(\pi 40 \) | 18≈56 19≈01 19≈07 19≈12 19≈18 19≈23 19≈29 19≈34 19≈40 | 23 \overline{59} 24 \overline{00} 24 \overline{00} 24 \overline{01} 24 \overline{01} 24 \overline{01} 24 \overline{01} 24 \overline{01} 24 \overline{01} 24 \overline{01} | 25 m.16 25 m.29 25 m.43 25 m.57 26 m.11 26 m.26 | 24 ₹ 14 24 ₹ 38 25 ₹ 02 25 ₹ 26 25 ₹ 51 | 21320 21335 21350 22305 | 19≈56 20≈02 20≈07 | 25 <u>a</u> 04 25 <u>a</u> 07 25 <u>a</u> 11 | 26 m. 15 26 m. 28 26 m. 42 | 25 ₹ 09 25 ₹ 33 25 ₹ 57 | 22중16 22중31 22중46 | 20≈57 21≈02 21≈07 |
| 5S 2 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 12S 2 14S 2 15S 2 16S 2 17S 2 | 22 \(\in 59 \) 23 \(\in 02 \) 23 \(\in 02 \) 23 \(\in 05 \) 23 \(\in 09 \) 23 \(\in 12 \) 23 \(\in 16 \) 23 \(\in 23 \) 23 \(\in 34 \) 23 \(\in 38 \) 23 \(\in 44 \) 23 \(\in 46 \) | 24 m 30 24 m 44 24 m 58 25 m 12 25 m 26 25 m 40 25 m 55 26 m 09 26 m 24 26 m 39 26 m 55 27 m 10 | 23 ₹43 24 ₹07 24 ₹31 24 ₹55 25 ₹20 25 ₹45 26 ₹09 26 ₹34 27 ₹00 27 ₹25 | 20 39 20 354 21 309 21 324 21 339 21 354 22 310 22 325 22 340 | 19≈01 19≈07 19≈12 19≈18 19≈23 19≈29 19≈34 19≈40 | 24 \(\Omega \) 03 24 \(\Omega \) 07 24 \(\Omega \) 10 24 \(\Omega \) 14 24 \(\Omega \) 17 24 \(\Omega \) 21 | 25 m.29 25 m.43 25 m.57 26 m.11 26 m.26 | 24 ₹38 25 ₹02 25 ₹26 25 ₹51 | 21공35 21공50 22공05 | 20≈02 20≈07 | 25 <u>a</u> 07 25 <u>a</u> 11 | 26 m.28 26 m.42 | 25 ≉33 25 ≉57 | 22 ප 31 22 ප 46 | 21≈02 21≈07 |
| 6S 2 7S 2 8S 2 9S 2 10S 2 11S 2 13S 2 14S 2 15S 2 16S 2 17S 2 | 23 \(\phi 02 \) 23 \(\phi 05 \) 23 \(\phi 09 \) 23 \(\phi 12 \) 23 \(\phi 16 \) 23 \(\phi 20 \) 23 \(\phi 23 \) 23 \(\phi 34 \) 23 \(\phi 38 \) 23 \(\phi 42 \) 23 \(\phi 46 \) | 24 m. 44 24 m. 58 25 m. 12 25 m. 26 25 m. 55 26 m. 09 26 m. 24 26 m. 39 26 m. 55 27 m. 10 | 24 × 07 24 × 31 24 × 55 25 × 20 25 × 45 26 × 09 26 × 34 27 × 00 27 × 25 | 20\operators 54 21\operators 69 21\operators 24 21\operators 39 21\operators 54 22\operators 10 22\operators 25 22\operators 40 | 19≈07 19≈12 19≈18 19≈23 19≈29 19≈34 19≈40 | 24 \overline{0}7 24 \overline{0}10 24 \overline{0}14 24 \overline{0}17 24 \overline{0}21 | 25 m.43 25 m.57 26 m.11 26 m.26 | 25 ₹ 02 25 ₹ 26 25 ₹ 51 | 21궁50 22궁05 | 20≈07 | 25 ≏ 11 | 26 m 42 | 25 ₹ 57 | 22궁46 | 21≈07 |
| 7S 2 8S 2 9S 2 10S 2 11S 2 12S 2 13S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 \(\phi 05 \) 23 \(\phi 09 \) 23 \(\phi 12 \) 23 \(\phi 12 \) 23 \(\phi 20 \) 23 \(\phi 23 \) 23 \(\phi 31 \) 23 \(\phi 34 \) 23 \(\phi 38 \) 23 \(\phi 42 \) 23 \(\phi 46 \) | 24 m. 58 25 m. 12 25 m. 26 25 m. 40 25 m. 55 26 m. 09 26 m. 24 26 m. 39 26 m. 55 27 m. 10 | 24 ₹ 31 24 ₹ 55 25 ₹ 20 25 ₹ 45 26 ₹ 09 26 ₹ 34 27 ₹ 00 27 ₹ 25 | 21509 21524 21539 21554 22510 22525 22540 | $19 \approx 12$ $19 \approx 18$ $19 \approx 23$ $19 \approx 29$ $19 \approx 34$ $19 \approx 40$ | 24 \omega 10 24 \omega 14 24 \omega 17 24 \omega 21 | 25 m.57 26 m.11 26 m.26 | 25 ∡ 26 25 ∡ 51 | 22중05 | | | | | | |
| 9S 2 10S 2 11S 2 12S 2 13S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 \(\text{a} \) 12 23 \(\text{a} \) 16 23 \(\text{a} \) 20 23 \(\text{a} \) 23 23 \(\text{a} \) 23 23 \(\text{a} \) 27 23 \(\text{a} \) 31 23 \(\text{a} \) 34 23 \(\text{a} \) 38 23 \(\text{a} \) 42 23 \(\text{a} \) 46 | 25 m. 26 25 m. 40 25 m. 55 26 m. 09 26 m. 24 26 m. 39 26 m. 55 27 m. 10 | 25 ₹ 20 25 ₹ 45 26 ₹ 09 26 ₹ 34 27 ₹ 00 27 ₹ 25 | 21339 21354 22310 22325 22340 | 19≈23 19≈29 19≈34 19≈40 | 24 a 17 24 a 21 | 26 m 26 | | 22る20 | | 25 2 15 | 26 m 57 | 26 ₹ 22 | 23る01 | 21≈13 |
| 10S 2 11S 2 12S 2 13S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 \(\text{\tin\text{\texi}\text{\text{\text{\texicl{\text{\texi}\text{\text{\texi}\tint{\text{\texit{\texi}\text{\texi}\tinz{\text{\texi}\tinz}\texit{\texitit{\text{\text{\ | 25 m. 40 25 m. 55 26 m. 09 26 m. 24 26 m. 39 26 m. 55 27 m. 10 | 25 × 45 26 × 09 26 × 34 27 × 00 27 × 25 | 21 る54 22 る10 22 る25 22 る40 | 19≈29 19≈34 19≈40 | 24 ≏ 21 | | 26 ₹ 15 | | 20≈18 | 25 ≏ 19 | 27 m 11 | 26∡46 | 23중15 | 21≈18 |
| 11S 2 12S 2 13S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 \(\Omega \) 20 23 \(\Omega \) 23 23 \(\Omega \) 27 23 \(\Omega \) 31 23 \(\Omega \) 34 23 \(\Omega \) 42 23 \(\Omega \) 42 23 \(\Omega \) 46 | 25 m.55 26 m.09 26 m.24 26 m.39 26 m.55 27 m.10 | 26 ₹ 09 26 ₹ 34 27 ₹ 00 27 ₹ 25 | 22중10 22중25 22중40 | 19≈34 19≈40 | | 26m.40 | | 22중35 | 20≈23 | 25 ≏ 22 | 27 m 25 | 27 ₹ 11 | 23중30 | 21≈23 |
| 12S 2 13S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 \(\Omega \) 23 \(\Omega \) 23 \(\Omega \) 27 \(23 \) \(\Omega \) 31 \(23 \) \(\Omega \) 34 \(23 \) \(\Omega \) 42 \(23 \) \(\Omega \) 46 | 26m.09 26m.24 26m.39 26m.55 27m.10 | 26 ₹ 34 27 ₹ 00 27 ₹ 25 | 22중25 22중40 | 19≈40 | 24 | | 26 ∡ 40 | 22궁50 | 20≈28 | 25 ≏ 26 | 27 m 40 | 27 ҂ 35 | 23중45 | 21≈28 |
| 13S 2 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 <u>a</u> 27 23 <u>a</u> 31 23 <u>a</u> 34 23 <u>a</u> 38 23 <u>a</u> 42 23 <u>a</u> 46 | 26 m. 24 26 m. 39 26 m. 55 27 m. 10 | 27 ₹ 00 27 ₹ 25 | 22중40 | | | 26 m 55 | 27 🗷 05 | 23중05 | 20≈34 | 25 △ 30 | 27 m 55 | 28 ₹ 00 | 24중00 | 21≈34 |
| 14S 2 15S 2 16S 2 17S 2 18S 2 | 23 <u>a</u> 31 23 <u>a</u> 34 23 <u>a</u> 38 23 <u>a</u> 42 23 <u>a</u> 46 | 26 m 39 26 m 55 27 m 10 | 27 ₹ 25 | | 19≈45 | 24 <u>a</u> 29 | 27 m 10 27 m 25 | 27 ∡ 30 27 ∡ 55 | 23중20 23중35 | 20≈39 20≈45 | 25 ≘ 34 25 ≘ 38 | 28 m 10 28 m 25 | 28 ₹ 25 28 ₹ 50 | 24궁15 24궁30 | 21≈39 21≈44 |
| 15S 2 16S 2 17S 2 18S 2 | 23 <u>a</u> 34 23 <u>a</u> 38 23 <u>a</u> 42 23 <u>a</u> 46 | 26 m 55 27 m 10 | | 44 (3.).) | 19≈43 19≈51 | 24 <u>a</u> 36 | 27 m 40 | 27 x·33 28 ∡ 21 | 23 ~ 50 | 20≈43 20≈50 | 25 ≗ 38 | 28 m 40 | 28 x 30 29 x 16 | 24명30 24명45 | 21≈44 21≈50 |
| 16S 2 17S 2 18S 2 | 23 <u>a</u> 38 23 <u>a</u> 42 23 <u>a</u> 46 | 27 m 10 | | 23중11 | 19≈56 | 24 ♀ 40 | 27 m.55 | 28 ₹ 46 | 24중06 | 20≈56 | 25 △ 46 | 28 m 56 | 29 🗷 41 | 25중01 | 21≈55 |
| 17S 2 18S 2 | 23 <u>a</u> 42 23 <u>a</u> 46 | | 28 ₹ 17 | 23 당 11 | 19≈36 | 24 <u>24</u> 40 | 27 IL 33 | 20 x 40 29 x 12 | 24 중 21 | 20≈36 21≈01 | 25 <u>a</u> 50 | 29 m 12 | 29×141 0중07 | 25 중 16 | 21≈33 22≈01 |
| | | 2/116/20 | 28×43 | 23중42 | 20≈08 | 24 <u>□</u> 48 | 28 m 27 | 29 ₹ 38 | 24중37 | 21≈07 | 25 ≘ 55 | 29 m 28 | 0중33 | 25중31 | 22≈06 |
| 19S 2 | 23 ≏ 50 ∣ | 27m42 | 29×10 | 23중58 | 20≈13 | 24 ₾ 53 | 28 m. 43 | 0중05 | 24궁52 | 21≈12 | 25 △ 59 | 29 m.44 | 1중00 | 25847 | 22≈12 |
| | | 27 m 58 | 29 ₹ 37 | 24중14 | 20≈19 | 24 ≏ 57 | 29 m 00 | 0중32 | 25중08 | 21≈18 | 26 2 03 | 0∡01 | 1827 | 26중02 | 22≈17 |
| | 23 ≏ 54 | 28 m 15 | 0중04 | 24중30 | 20≈25 | 25 2 01 | 29 m 17 | 0중59 | 25824 | 21≈24 | 26 2 08 | 0∡18 | 1중54 | 26중18 | 22≈23 |
| | 23 <u>a 58</u> 24 <u>a</u> 03 | 28 m. 32 28 m. 50 | 0 궁 31 0 궁 59 | 24 3 46 25 3 02 | 20≈31 20≈37 | 25 a 05 25 a 10 | 29 m.34 29 m.51 | 1중26 1중54 | 25 궁 40 25 궁 56 | 21≈29 21≈35 | 26 ♀ 12 26 ♀ 17 | 0 ₹ 35 0 ₹ 53 | 2 3 21 2 3 49 | 26중34 26중50 | 22≈28 22≈34 |
| | 24 <u>20</u> 3 | 29 m 07 | 1중28 | 25중19 | 20≈37 20≈43 | 25 2 14 | 0 \$7 09 | 2822 | 25830 | 21≈33 21≈41 | 26 € 22 | 1×11 | 2049 3 3 17 | 27중06 | 22≈34 22≈40 |
| | 24 <u>≏</u> 11 | 29 m 25 | 1공56 | 25중35 | 20≈49 | 25 ⊆ 19 | 0 ₹ 27 | 2중51 | 26궁29 | 21≈47 | 26 ₽ 26 | 1 ₹ 29 | 3₹45 | 27중23 | 22≈45 |
| 25S 2 | 24≗16 | 29 m.44 | 2중25 | 25중52 | 20≈55 | 25 ≏ 24 | 0∡46 | 3중20 | 26중46 | 21≈53 | 26₽31 | 1 ₹ 48 | 4궁14 | 27중39 | 22≈51 |
| | 24₽21 | 0 ₹ 03 | 2ਰ55 | 26궁09 | 21≈01 | 25 ₾ 29 | 1 ₹ 05 | 3중49 | 27중03 | 21≈59 | 26≗36 | 2 ₹ 07 | 4중44 | 27궁56 | 22≈57 |
| | 24 2 25 | 0 ₹ 22 | 3중25 | 26중26 | 21≈07 | 25 ≏ 34 | 1 ₹ 25 | 4궁19 | 27중20 | 22≈05 | 26 △ 41 | 2 ₹ 27 | 5중13 | 28중13 | 23≈03 |
| | 24 <u>a</u> 30 | 0 x 42 | 3 공 56 | 26중44 | 21≈14 21≈20 | 25 △ 39 | 1 × 45 | 4 궁 50 | 27 궁 37 | 22≈11 | 26 △ 47 | 2 ₹ 47 3 ₹ 08 | 5 공 44 | 28중30 | 23≈09 23≈16 |
| | 24 ₾ 35 | 1 ₹ 03 | 4 궁 27 | 27중02 | 21≈20 | 25 △ 44 | 2 🗷 05 | 5 궁 21 | 27855 | 22≈18 | 26 - 52 | | 6중14 | 28348 | 23≈16 |
| | 24 ♀ 40 24 ♀ 46 | 1 ₹ 24 1 ₹ 45 | 4 さ 59 5 さ 31 | 27중20 27중38 | 21≈27 21≈33 | 25 a 49 25 a 55 | 2 ₹ 27 2 ₹ 48 | 5 궁 52 6 궁 24 | 28중12 28중31 | 22≈24 22≈31 | 26 ♀ 58 27 ♀ 03 | 3 ₹ 29 3 ₹ 51 | 6 궁 46 7 궁 18 | 29 궁 05 29 궁 23 | 23≈22 23≈28 |
| | 24 <u>2</u> 40 | 2 × 108 | 6 궁 04 | 27 3 57 | 21≈33 21≈40 | 26 ⊕ 00 | 3×11 | 6공57 | 28331 | 22≈37 22≈37 | 27 ⊆ 03 | 4 <i>₹</i> 13 | 7318 7350 | 29정41 | 23≈28 23≈35 |
| | 24≗57 | 2 ₹ 31 | 6중37 | 28중15 | 21≈47 | 26 ₾ 06 | 3 ₹ 34 | 7중30 | 29궁08 | 22≈44 | 27 □ 15 | 4 <i>≯</i> 37 | 8중23 | 0≈00 | 23≈41 |
| 34S 2 | 25 ≏ 02 | 2 ₹ 54 | 7중12 | 28중35 | 21≈54 | 26 ≏ 12 | 3 ₹ 58 | 8중04 | 29궁27 | 22≈51 | 27 ≏ 21 | 5 ₹ 01 | 8중57 | 0≈19 | 23≈48 |
| | 25≗08 | 3 ₮ 19 | 7 궁 46 | 28궁54 | 22≈01 | 26 🖴 18 | 4 ₹ 22 | 8중39 | 29궁46 | 22≈58 | 27 ≏ 28 | 5 ₹ 25 | 9궁32 | 0≈38 | 23≈55 |
| | 25 <u>≏</u> 14 | 3×44 | 8중22 | 29궁14 | 22≈08 | 26 | 4 🗷 48 | 9중15 | 0≈06 | 23≈05 | 27 △ 34 | 5×151 | 10중07 | 0≈58 | 24≈02 |
| | 25 ≗ 21 25 ≗ 27 | 4 ₹ 11 4 ₹ 38 | 8 궁 59 9 궁 36 | 29중35 | 22≈16 22≈24 | 26 <u>₽</u> 31 | 5 ₹ 14 5 ₹ 41 | 9 궁 51 10 궁 28 | 0≈26 0≈47 | 23≈12 23≈20 | 27 <u>₽</u> 41 | 6×17 | 10 る 43 11 る 20 | 1≈18 1≈38 | 24≈09 24≈16 |
| | 25 ≘ 27 | 5×106 | 10공14 | 0≈17 | 22≈24 22≈31 | 26 ≗ 38 | 6×10 | 11306 | 1≈08 | 23≈20 23≈27 | 27 ⊆ 48 | 7×13 | 11320 11357 | 1≈59 | 24≈10 24≈24 |
| | 25 ≏ 41 | 5 <i>≱</i> 35 | 10궁54 | 0≈39 | 22≈39 | 26 ₽ 52 | 6 <i>≱</i> 139 | 11중45 | 1≈29 | 23≈35 | 28 2 03 | 7 <i>≱</i> 143 | 12ਰ36 | 2≈20 | 24≈31 |
| | 25 <u>□</u> 48 | 6×106 | 11334 | 1≈01 | 22≈47 | 27 <u>0</u> 00 | 7×10 | 12325 | 1≈52 | 23≈43 | 28 ₾ 11 | 8 🗷 13 | 13 공 15 | 2≈42 | 24≈39 |
| | 25 ≏ 56 | 6 ₹ 38 | 12궁15 | 1≈24 | 22≈56 | 27≗08 | 7 . ₹42 | 13중06 | 2≈14 | 23≈51 | 28 🖴 20 | 8 ≉ 45 | 13궁56 | 3≈04 | 24≈47 |
| | 26 2 04 | 7×11 | 12공57 | 1≈47 | 23≈04 22 12 | 27 □ 16 | 8 🗷 15 | 13중48 | 2≈37 | 24≈00 | 28 <u>0</u> 28 | 9 🗷 19 | 14공37 | 3≈27 | 24≈55 |
| - 1 | 26 | 7. ₹ 46 | 13841 | 2≈11 | 23≈13 | 27 ₾ 25 | 8 🗷 50 | 14중31 | 3≈01 | 24≈09 | 28 ≏ 37 | 9 ₹ 54 | 15중20 | 3≈51 | 25≈04 |
| | 26 <u>₽</u> 21 | 8 x 22 | 14궁26 15궁12 | 2≈36 | 23≈22 23≈32 | 27 ≏ 34 | 9 \$7 26 | 15중15 | 3≈25 | 24≈17 24≈27 | 28 ♀ 47 28 ♀ 56 | 10 \$730 | 16 궁 04 | 4≈15 | 25≈12 25≈21 |
| | 26 ≗ 30 26 ≗ 40 | 9 <i>ヌ</i> 00 9 <i>ヌ</i> 41 | 15 日 12 | 3≈01 3≈28 | 23≈32 23≈41 | 27 ⊕ 43 27 ⊕ 53 | 10 ₹ 05 10 ₹ 45 | 16 궁 00 16 궁 47 | 3≈50 4≈16 | 24≈27 24≈36 | 28±36 29 2 07 | 11 ∡ 08 11 ∡ 49 | 16 궁 49 17 궁 35 | 4≈39 5≈05 | 25≈21 25≈31 |
| | 26 - 50 | 10 ₹ 23 | 16공48 | 3≈54 | 23≈51 | 28 ♀ 04 | 11 ₹ 27 | 17중35 | 4≈43 | 24≈46 | 29 ₾ 18 | 12 🗷 31 | 18중23 | 5≈31 | 25≈40 |
| 49S 2 | 27≗00 | 11 ≉ 08 | 17중38 | 4≈22 | 24≈02 | 28 ₾ 15 | 12 ₹ 12 | 18궁25 | 5≈10 | 24≈56 | 29 ₾ 29 | 13 ≉ 16 | 19중12 | 5≈58 | 25≈50 |
| 50S 2 | 27 ≏ 11 | 11 ≉ 55 | 18중30 | 4≈51 | 24≈12 | 28 ₾ 26 | 12 ₹ 59 | 19궁16 | 5≈38 | 25≈06 | 29ჲ41 | 14 ≈ 03 | 20중03 | 6≈26 | 26≈00 |
| | 27 2 23 | 12 🗷 45 | 19823 | 5≈20 | 24≈23 | 28 ₾ 39 | 13 🗷 50 | 20중09 | 6≈08 | 25≈17 | 29 △ 54 | 14 🗷 53 | 20궁55 | 6≈55 | 26≈11 |
| | 27 ≗ 36 27 ≗ 49 | 13 ∡ 39 14 ∡ 36 | 20중18 | 5≈51 | 24≈35 24≈47 | 28 ♀ 52 29 ♀ 06 | 14 ₹ 43 15 ₹ 40 | 21 궁 03 22 궁 00 | 6≈38 | 25≈28 25≈40 | 0m.08 | 15×146 | 21 궁 48 22 궁 44 | 7≈24 7≈55 | 26≈21 26≈33 |
| | 27 ± 49 28 ≏ 03 | 14 × 30 15 × 37 | 21중15 22중14 | 6≈23 6≈55 | 24≈47 24≈59 | 29 <u>a</u> 21 | 15×40 16×40 | 22 중 58 | 7≈09 7≈41 | 25≈40 25≈52 | 0 m. 22 0 m. 38 | 16 ₹ 43 17 ₹ 43 | 22 5 44 23 중 41 | 7≈33 8≈27 | 26≈33 26≈44 |
| | 28 - 19 | 16×142 | 23중15 | 7 ≈ 29 | 25≈12 | 29 a 37 | 17 <i>≱</i> 45 | 23 중 58 | 8 ≈ 15 | 26≈04 | 0 m. 54 | 18×148 | 24 공 41 | 9 ≈ 00 | 26≈57 |
| | 28 2 35 | 10 x 42 17 ₹ 53 | 23 日 13 24 日 18 | 7≈29 8≈05 | 25≈12 25≈25 | 29 a 54 | 18×45 | 25중00 | 8≈49 | 26≈04 26≈17 | 1 m. 12 | 19×148 | 25 공 42 | 9≈34 | 20≈37 27≈09 |
| 57S 2 | 28 ≏ 53 | 19 ₹ 09 | 25궁24 | 8≈41 | 25≈39 | 0 m 12 | 20 ∡ 11 | 26중05 | 9≈26 | 26≈31 | 1 m. 31 | 21 ∡ 13 | 26중46 | 10≈10 | 27≈23 |
| | 29 | 20 ₹ 32 | 26중31 | 9≈20 | 25≈54 | 0 m. 32 | 21 🗷 34 | 27중11 | 10≈03 | 26≈45 | 1 m. 52 | 22 🗷 35 | 27851 | 10≈47 | 27≈37 |
| - 1 | 29 亞 33 | 22 ₮ 02 | 27중41 | 10≈00 | 26≈09 | 0 m. 54 | 23 ₹ 03 | 28중21 | 10≈42 | 27≈00 | 2m.14 | 24 ₹ 03 | 29중00 | 11≈25 | 27≈51 |
| | 29 ₾ 55 | 23 × 41 | 28중54 | 10≈41 | 26≈25 | 1 m 17 | 24 🗷 42 | 29중32 | 11≈23 | 27≈16 | 2m39 | 25 🗷 41 | 0≈10 | 12≈06 | 28≈06 |
| | 0m.20 0m.48 | 25 ₹31 27 ₹34 | 0≈10 1≈28 | 11≈25 12≈10 | 26≈42 27≈00 | 1 m.43 2 m.12 | 26 ₹ 30 28 ₹ 31 | 0≈46 2≈04 | 12≈06 12≈51 | 27≈32 27≈50 | 3 m 06 3 m 36 | 27 ₹ 28 29 ₹ 27 | 1≈23 2≈39 | 12≈48 13≈32 | 28≈22 28≈39 |
| 62S 63S | 1 m 18 | 27 × 34 29 × 52 | 1≈28 | 12≈10 12≈58 | 27≈00 27≈19 | 2 m 44 | 28×31 0중47 | 2≈04 3≈24 | 12≈31 | 27≈30 28≈08 | 4m.09 | 29x ¹ 27 1 공 41 | 2≈39 3≈58 | 13≈32 14≈18 | 28≈59 28≈57 |
| | 1 m. 53 | 2중30 | 4≈13 | 13≈48 | 27≈39 | 3 m. 20 | 3중22 | 4≈47 | 14≈27 | 28≈27 | 4 m. 47 | 4중12 | 5≈20 | 15≈06 | 29≈16 |
| 65S | 2m31 | 5중34 | 5≈41 | 14≈40 | 28≈00 | 4 m 01 | 6중20 | 6≈13 | 15≈18 | 28≈48 | 5 m. 30 | 7중06 | 6≈45 | 15≈56 | 29≈36 |
| 66S | 3 m 16 | 9당12 | 7 ≈ 12 | 15≈36 | 28≈22 | 4 m 47 | 9중51 | 7≈42 | 16≈13 | 29≈10 | 6m.19 | 10중30 | 8≈13 | 16≈50 | 29≈57 |
| pc | 3 m 44 | 11궁29 | 8≈04 | 16≈08 | 28≈36 | 5 m 17 | 12중02 | 8≈34 | 16≈44 | 29≈23 | 6m.50 | 12중36 | 9≈04 | 17≈21 | 0 ₩ 10 |

| | Sid.Tir MC: | | 36m A 27'53 | RMC: 1 | 74°00' | Sid.Tir MC: | | 40m A 33'10 | RMC: 1 | 75°00' | Sid.Tir MC: | ne: 11h | 44m A 38'30 | RMC: 1 | 76°00' |
|------------|----------------------------------|---------------------------------|----------------------------------|----------------------------------|--|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|----------------------------------|--------------------------------------|----------------------------------|----------------------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 25 | 26m.18 | 24 ≉ 29 | 22중13 | 21≈37 | 26≏56 | 27 m. 16 | 25 ≉ 24 | 23궁09 | 22≈38 | 27ჲ59 | 28 m. 14 | 26 ∡ 19 | 24궁06 | 23≈40 |
| 1S | 25≗56 | 26 m 32 | 24 ∡ 53 | 22중28 | 21≈42 | 27≗00 | 27m30 | 25 ∡ 48 | 23중24 | 22≈44 | 28 🖴 03 | 28 m 28 | 26 ₹ 43 | 24중21 | 23≈45 |
| 2S | 26 ₾ 00 | 26m.46 | 25 ₹ 17 | 22342 | 21≈47 | 27 ♀ 04 | 27m44 | 26 ₮ 12 | 23중39 | 22≈49 | 28 ♀ 07 | 28 m.42 | 27 ₹ 07 | 24335 | 23≈50 |
| 3S | 26 2 04 | 27m 00 | 25 🗷 41 | 22중57 | 21≈53 | 27 <u>0</u> 08 | 27 m 58 | 26 × 36 | 23354 | 22≈54 | 28 ₾ 11 | 28 m 56 | 27×31 | 24 궁 50 | 23≈55 |
| 4S | 26≗08 | 27 m 13 | 26 ₹ 05 | 23중12 | 21≈58 | 27 ≏ 12 | 28 m 12 | 27 ₮ 00 | 24중08 | 22≈59 | 28 ≏ 15 | 29 m.11 | 27 ₹ 55 | 25중05 | 24≈00 |
| 5S | 26 ₾ 12 | 27 m 27 | 26 ₹ 29 | 23중27 | 22≈03 | 27 - 16 | 28 m 26 | 27 ~ 24 | 24323 | 23≈04 | 28 ₾ 19 | 29 m 25 | 28 🗷 19 | 25궁19 | 24≈05 |
| 6S 7S | 26 ♀ 15 26 ♀ 19 | 27m42 | 26 ₹ 53 27 ₹ 17 | 23 궁 42 23 궁 56 | 22≈08 | 27 ≘ 20 27 ≘ 24 | 28m41 | 27 🗷 48 | 24중38 | 23≈09 23≈14 | 28 | 29 m 39 29 m 54 | 28 🗷 43 | 25중34 | 24≈10 24≈15 |
| 8S | 26 <u>₽</u> 23 | 27 m 56 28 m 10 | 27×17 | 23 5 36 24 중 11 | 22≈13 22≈18 | 27 <u>22</u> 24 27 <u>2</u> 28 | 28 m 55 29 m 09 | 28 ∡ 12 28 ∡ 36 | 24궁52 25궁07 | 23≈14 23≈19 | 28 <u>a</u> 28 | 0 × 08 | 29 🗷 07 29 🗷 32 | 25 궁 48 26 궁 03 | 24≈13 24≈20 |
| 9S | 26 2 27 | 28 m. 25 | 28 🗷 06 | 24궁26 | 22≈24 | 27 ⊆ 32 | 29 m. 24 | 29 🗷 01 | 25 궁 22 | 23≈24 | 28 ₾ 36 | 0 × 23 | 29 🗷 56 | 26중18 | 24≈25 |
| 10S | 26≗31 | 28 m 40 | 28 ₹ 30 | 24중41 | 22≈29 | 27 | 29 m 39 | 29 ₹ 26 | 25중36 | 23≈29 | 28₽41 | 0 ₹ 38 | 0중21 | 26중32 | 24≈30 |
| 11S | 26≗35 | 28 m 54 | 28 ₹ 55 | 24궁56 | 22≈34 | 27 △ 40 | 29 m 54 | 29 ₹ 50 | 25중51 | 23≈34 | 28 ≏ 45 | 0 ₹ 53 | 0중45 | 26347 | 24≈35 |
| 12S | 26₽39 | 29 m 10 | 29 ₹ 20 | 25중11 | 22≈39 | 27 ≏ 44 | 0,₹09 | 0중15 | 26중06 | 23≈39 | 28 🕰 49 | 1 ₹ 09 | 1중10 | 27중01 | 24≈40 |
| 13S | 26 △ 43 | 29 m 25 | 29 ₹ 45 | 25중26 | 22≈44 | 27 △ 49 | 0 ₹ 25 | 0정40 | 26중21 | 23≈44 | 28 △ 54 | 1 ₹ 24 | 1중35 | 27중16 | 24≈45 |
| 14S | 26≗48 | 29 m 40 | 0중11 | 25중41 | 22≈50 | 27 ≏ 53 | 0 ₹ 40 | 1중06 | 26중36 | 23≈49 | 28 ≏ 58 | 1 ₹ 40 | 2중01 | 27중31 | 24≈50 |
| 15S | 26 - 52 | 29 m 56 | 0중36 | 25중56 | 22≈55 | 27 ≏ 57 | 0₹56 | 1중31 | 26궁51 | 23≈55 | 29 ₾ 03 | 1 ₹ 56 | 2중26 | 27중46 | 24≈55 |
| 16S | 26 <u>₽</u> 56 | 0 ₹ 12 0 ₹ 28 | 1 3 02 1 3 28 | 26중11 26중26 | 23≈00 23≈05 | 28 <u>a</u> 02 | 1 × 12 | 1정57 2정23 | 27る06 27る21 | 24≈00 24≈05 | 29 ♀ 07 29 ♀ 12 | 2 \$\frac{7}{2} \frac{12}{2} | 2정52 3정18 | 28중01 | 25≈00 25≈05 |
| 17S 18S | 27 ♀ 01 27 ♀ 05 | 0×28 0×45 | 1 6 28 | 26 중 26 26 중 41 | 23≈05 23≈11 | 28 <u>₽</u> 06 28 <u>₽</u> 11 | 1 ₹ 29 1 ₹ 45 | 2 6 23 | 27 중 21 27 중 36 | 24≈05 24≈10 | 29 <u>a</u> 12 | 2 x 29 2 x 45 | 3전18 3전44 | 28 궁 16 28 궁 31 | 25≈05 25≈10 |
| 19S | 27 ⊆ 03 | 1 \$7 01 | 2 3 21 | 26 공 57 | 23≈11 23≈16 | 28 2 16 | 2 \$7 02 | 3 3 16 | 27 3 52 | 24≈16 24≈16 | 29 <u>a</u> 22 | 3 × 02 | 4정11 | 28 3 31 28 3 46 | 25≈10 25≈15 |
| 20S | 27 2 14 | 1 <i>z</i> 19 | 2548 | 27중13 | 23≈22 | 28 2 21 | 2 7 19 | 3 공 43 | 28중07 | 24≈21 | 29 ₾ 27 | 3 × 20 | 4궁37 | 29중01 | 25≈20 |
| 21S | 27 ⊆ 14 | 1 36 | 2048 3 3 16 | 27 3 13 27 3 28 | 23≈22 23≈27 | 28 <u>₽</u> 25 | 2 x 13 | 4 3 10 | 28 당 23 | 24≈21 | 29 <u>a</u> 27 | 3 x 20 | 5정04 | 29당17 | 25≈25 25≈25 |
| 22S | 27 <u>₽</u> 24 | 1 ₹ 54 | 3₹43 | 27중44 | 23≈33 | 28 🖴 30 | 2 ₹ 55 | 4중38 | 28중38 | 24≈32 | 29 ₾ 37 | 3 ₹ 55 | 5중32 | 29중33 | 25≈31 |
| 23S | 27 ≏ 29 | 2 ₹ 12 | 4ਰ11 | 28중00 | 23≈38 | 28 🕰 35 | 3 ₹ 13 | 5중05 | 28궁54 | 24≈37 | 29≗42 | 4 ₹ 13 | 6 궁 00 | 29궁48 | 25≈36 |
| 24S | 27 △ 34 | 2 ₹ 30 | 4궁40 | 28중17 | 23≈44 | 28 ≏ 41 | 3 ₹ 31 | 5334 | 29중10 | 24≈43 | 29 ₾ 47 | 4 ₹ 32 | 6중28 | 0≈04 | 25≈42 |
| 25S | 27മ39 | 2 ₹ 49 | 5렁08 | 28중33 | 23≈50 | 28 ≏ 46 | 3 ₹ 50 | 6중02 | 29る27 | 24≈48 | 29 ₾ 53 | 4 <i>₹</i> 51 | 6궁56 | 0≈20 | 25≈47 |
| 26S | 27 △ 44 | 3 🗷 09 | 5중38 | 28349 | 23≈56 | 28 ₾ 51 | 4 🗷 10 | 6중31 | 29343 | 24≈54 | 29 <u>a</u> 58 | 5 7 11 | 7 궁 25 | 0≈37 | 25≈53 |
| 27S 28S | 27 ♀ 49 27 ♀ 55 | 3 ₹ 28 3 ₹ 49 | 6 궁 07 6 궁 37 | 29 궁 06 29 궁 23 | 24≈01 24≈07 | 28 △ 57 29 △ 02 | 4 ₹ 30 4 ₹ 50 | 7 궁 01 7 궁 31 | 0≈00 0≈17 | 25≈00 25≈06 | 0m.04 0m.10 | 5 \$\tilde{7} 31 5 \$\tilde{7} 51 | 7 さ 54 8 さ 24 | 0≈53 1≈10 | 25≈58 26≈04 |
| 29S | 28 ♀ 00 | 4×10 | 7정08 | 29정41 | 24≈13 | 29 ₾ 08 | 5×11 | 8중01 | 0≈17 | 25≈11 | 0m.16 | 6×12 | 8 3 54 | 1≈10 | 26≈10 |
| 30S | 28ჲ06 | 4 <i>₹</i> 131 | 7중39 | 29궁58 | 24≈20 | 29 ≏ 14 | 5 ₹ 33 | 8중32 | 0≈51 | 25≈17 | 0 m. 22 | 6 ₹ 34 | 9중25 | 1≈44 | 26≈15 |
| 31S | 28 <u>₽</u> 12 | 4 🗷 53 | 8중11 | 0≈16 | 24≈26 | 29 ₾ 20 | 5 × 55 | 9 3 04 | 1≈09 | 25≈24 | 0 m 28 | 6×34 | 9 3 57 | 2≈01 | 26≈21 |
| 32S | 28 <u>₽</u> 18 | 5 ₹ 16 | 8중43 | 0≈34 | 24≈32 | 29 ≏ 27 | 6 ≯ 17 | 9 궁 36 | 1≈26 | 25≈30 | 0m.35 | 7 <i>≱</i> 19 | 10중28 | 2≈19 | 26≈27 |
| 33S | 28 <u>□</u> 24 | 5 * 39 | 9 궁 16 | 0≈52 | 24≈39 | 29 ₾ 33 | 6×41 | 10중09 | 1≈45 | 25≈36 | 0m.42 | 7 ₹ 42 | 11중01 | 2≈37 | 26≈34 |
| 34S | 28 亞 31 | 6 ₹ 03 | 9궁50 | 1≈11 | 24≈45 | 29 ≏ 40 | 7 ₹ 05 | 10중42 | 2≈03 | 25≈42 | 0m.48 | 8 ₹ 07 | 11중34 | 2≈55 | 26≈40 |
| 35S | 28 <u>□</u> 37 | 6 <i>₹</i> 28 | 10궁24 | 1≈30 | 24≈52 | 29 ₾ 47 | 7×30 | 11316 | 2≈22 | 25≈49 | 0m.56 | 8 🗷 32 | 12중08 | 3≈14 | 26≈46 |
| 36S 37S | 28 ♀ 44 28 ♀ 51 | 6 ₹ 53 7 ₹ 20 | 10궁59 11궁35 | 1≈49 2≈09 | 24≈59 25≈06 | 29 <u>∞</u> 54 0m.01 | 7 ₹ 56 8 ₹ 22 | 11궁51 12궁26 | 2≈41 3≈00 | 25≈56 26≈02 | 1 m. 03 1 m. 10 | 8 x 57 9 x 24 | 12 3 42 13 3 17 | 3≈33 3≈52 | 26≈53 26≈59 |
| 38S | 28 <u>a</u> 59 | | 12중11 | | 25≈00 25≈13 | | | 12·32·0 13·중02 | 1 | 26≈02 | 1 m 18 | | 13853 | | 27≈06 |
| 39S | 29 2 06 | 8 ₹ 16 | 12348 | 2≈50 | 25≈20 | 0 m 17 | 9∡18 | 13중39 | 3≈41 | 26≈16 | 1 m. 26 | 10 ₹ 20 | 14중30 | 4≈32 | 27≈13 |
| 40S | 29 ≏ 14 | 8 ₹ 46 | 13중27 | 3≈11 | 25≈27 | 0 m. 25 | 9∡48 | 14궁17 | 4≈02 | 26≈24 | 1 m.35 | 10 ₹ 50 | 15궁07 | 4≈52 | 27≈20 |
| 41S | 29 <u>₽</u> 22 | 9₹16 | 14궁06 | 3≈32 | 25≈35 | 0 m 33 | 10 ₹ 19 | 14궁56 | 4≈23 | 26≈31 | 1 m.44 | 11 🗷 21 | 15846 | 5≈13 | 27≈27 |
| 42S | 29₽31 | 9 ₹ 48 | 14궁46 | 3≈54 | 25≈43 | 0 m 42 | 10∡51 | 15중36 | 4≈45 | 26≈39 | 1 m 53 | 11 ₹ 53 | 16중25 | 5≈35 | 27≈35 |
| 43S | 29 △ 40 | 10 7 22 | 15327 | 4≈17 | 25≈51 | 0m.51 | 11 7 24 | 16궁16 | 5≈07 | 26≈47 | 2 m 02 | 12 7 27 | 17궁06 | 5≈57 | 27≈42 |
| 448 | 29 △ 49 | 10 🗷 57 | 16궁09 | 4≈40 | 25≈59 | 1 m.01 | 11 \$759 | 16궁58 | 5 ≈ 30 | 26≈55 | 2 m. 12 | 13 7 01 | 17347 | 6≈19 | 27≈50 |
| 45S | 29 <u>a</u> 59 | 11 🗷 33 | 16중53 | 5≈04 | 26≈08 26≈16 | 1 m 11 | 12 🗷 36 | 17궁41 | 5≈53 | 27≈03 | 2 m 23 | 13 🗷 38 | 18 る 29 | 6≈42 7≈06 | 27≈58 |
| 46S 47S | 0m.09 0m.20 | 12 ₹ 12 12 ₹ 52 | 17 る 37 18 る 23 | 5≈28 5≈53 | 26≈16 26≈25 | 1 m. 22 1 m. 33 | 13 ₹ 14 13 ₹ 54 | 18 궁 25 19 궁 11 | 6≈17 6≈42 | 27≈11 27≈20 | 2 m 34 2 m 45 | 14 x 16 14 x 56 | 19 궁 13 19 궁 58 | 7≈06 7≈31 | 28≈07 28≈15 |
| 48S | 0 m 31 | 13 🛪 34 | 19당10 | 6≈19 | 26≈35 | 1 m. 44 | 14 🗷 37 | 19 3 57 | 7≈08 | 27≈29 27≈29 | 2 m 57 | 15 🗷 39 | 20344 | 7≈56 | 28≈24 |
| 49S | 0 m. 43 | 14 🗷 19 | 19궁59 | 6≈46 | 26≈44 | 1 m 57 | 15 ₹ 21 | 20중45 | 7≈34 | 27≈38 | 3 m. 10 | 16 ₹ 23 | 21중31 | 8≈22 | 28≈33 |
| 50S | 0m.56 | 15 ≉ 06 | 20궁49 | 7 ≈ 13 | 26≈54 | 2 m. 10 | 16∡108 | 21중35 | 8≈01 | 27≈48 | 3 m. 23 | 17 <i>≱</i> 10 | 22320 | 8≈48 | 28≈42 |
| 51S | 1 m 09 | 15 ₹ 56 | 21궁40 | 7≈42 | 27≈04 | 2 m 23 | 16∡58 | 22325 | 8≈29 | 27≈58 | 3 m 38 | 18 ≈ 00 | 23중11 | 9≈16 | 28≈52 |
| 52S | 1 m. 23 | 16 🗷 49 | 22중33 | 8≈11 | 27≈15 | 2 m 38 | 17×51 | 23중18 | 8≈58 | 28≈08 | 3 m. 53 | 18 🗷 52 | 24중02 | 9≈44 | 29≈02 |
| 53S | 1 m 38 | 17 🗷 45 | 23 3 28 | 8≈41 | 27≈26 27≈37 | 2 m 54 | 18 🗷 47 | 24 궁 12 | 9≈27 | 28≈19 28≈30 | 4m.09 | 19 \$748 | 24중56 | 10≈14 10≈44 | 29≈12 |
| 548 | 1 m.54 | 18 🗷 45 | 24325 | 9≈13 | 27≈37 | 3 m 10 | 19 🗷 47 | 25중08 | 9≈58 | 28≈30 | 4 m. 26 | 20 🗷 48 | 25중51 | 10≈44 | 29≈23 |
| 55S | 2m.11 2m.30 | 19 ₹ 50 20 ₹ 59 | 25중23 26중24 | 9≈45 10≈19 | 27≈49 28≈02 | 3 m 28 3 m 47 | 20 ₹ 51 22 ₹ 00 | 26중06 27중05 | 10≈30 11≈03 | 28≈42 28≈54 | 4 m. 44 5 m. 04 | 21 \$\times 52 \\ 23 \$\times 00 | 26중48 27중47 | 11≈15 11≈48 | 29≈35 29≈46 |
| 56S 57S | 2 m 50 | 20 × 39 22 × 14 | 20 5 24 27 중 27 | 10≈19 10≈54 | 28≈02 28≈15 | 4 m 08 | 22×100 23×14 | 27 5 03 28 궁 07 | 11≈03 11≈38 | 28≈54 29≈07 | 5 m 25 | 24 \$7 13 | 27 6 47 28 る 48 | 11≈48 | 29≈46 29≈59 |
| 58S | 3 m 11 | 23 🗷 35 | 28 공 31 | 11≈30 | 28≈28 | 4 m 30 | 24 🗷 34 | 29 궁 11 | 12≈14 | 29≈20 | 5 m. 48 | 25 🗷 33 | 29 공 51 | 12≈57 | 0 X 11 |
| 59S | 3 m 35 | 25 ₹ 03 | 29궁38 | 12≈08 | 28≈42 | 4 m 54 | 26 ₹ 01 | 0≈17 | 12≈51 | 29≈33 | 6m.13 | 26 ₹ 59 | 0≈56 | 13≈34 | 0 ₩ 25 |
| 60S | 4 m 00 | 26∡39 | 0≈48 | 12≈48 | 28≈57 | 5 m 21 | 27 ₹ 37 | 1≈26 | 13≈30 | 29≈48 | 6m41 | 28 ₹ 33 | 2≈04 | 14≈12 | 0 X 39 |
| 61S | 4m28 | 28 ₹ 25 | 2≈00 | 13≈29 | 29≈13 | 5 m 50 | 29 ₹ 21 | 2≈37 | 14≈10 | 0 X 03 | 7m.11 | 0중16 | 3≈13 | 14≈52 | 0 ¥ 53 |
| 62S | 4m.59 | 0중22 | 3≈15 | 14≈12 | 29≈29 | 6m22 | 1중17 | 3≈50 | 14≈53 | 0 X 19 | 7m.45 | 2중10 | 4≈26 | 15≈34 | 1 × 09 |
| 63S | 5 m 34 | 2 3 34 | 4≈32 50053 | 14≈57 | 29≈46 | 6 ML 58 | 3 궁 26 | 5≈07 | 15≈37 | 0 X 36 | 8 m. 22 | 4중17 | 5≈41 6≈50 | 16≈17 | 1 X 25 |
| 648 | 6m.13 | 5중02 | 5≈53 | 15≈45 | 0 X 05 | 7 m 39 | 5중51 | 6≈26 | 16≈24 | 0 X 54 | 9m.05 | 6339 | 6≈59 | 17≈03 | 1 X 42 |
| 65S 66S | 6m.58 7m.49 | 7 궁 51 11 궁 08 | 7≈16 8≈43 | 16≈34 17≈27 | 0 X 24 0 X 45 | 8 m 26 9 m 20 | 8 3 36 | 7≈48 9≈14 | 17≈13 18≈04 | 1 X 12 1 X 32 | 9 m. 53 10 m. 50 | 9 궁 19 12 궁 24 | 8≈20 9≈44 | 17≈51 18≈41 | 2 X 01 2 X 20 |
| pc | 8 m 22 | 13중10 | 9≈33 | 17≈27 17≈57 | 0 X 43 | 9 m 54 | 13344 | 10≈03 | 18≈34 | 1 X 32 | 11 m. 26 | 14317 | 10≈32 | 18≈41 | 2 H 20 |
| Calcula | | | | | | | | | | | | 1 | 1 | 1 - 2 - 1 - 1 - 1 | |

| | Sid.Tir MC: | | 48m A 43'51 | RMC: 1 | 77°00' | Sid.Tir MC: | | 52m A 49'13 | RMC: 1 | 178°00' | Sid.Tir MC: | ne: 11h: 28m | 56m A 54'36 | RMC: 1 | .79°00' |
|--------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|----------------------|--------------------------------|----------------------------------|----------------------------------|--|----------------------|----------------------------------|----------------------------------|------------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 29ჲ02 | 29 m 12 | 27 <i>≱</i> 14 | 25중03 | 24≈42 | 0 m 05 | 0 7 10 | 28 ₮ 09 | 26중00 | 25≈44 | 1 m 08 | 1 ₹ 07 | 29 ≉ 04 | 26궁57 | 26≈46 |
| 1S | 29ჲ06 | 29 m 26 | 27 ∡ 38 | 25ਰ17 | 24≈47 | 0 NL 09 | 0 ₹ 24 | 28 ₮ 33 | 26궁14 | 25≈49 | 1 m 12 | 1 ₹ 22 | 29 ₹ 28 | 27ਰ11 | 26≈51 |
| 2S | 29 ₾ 11 | 29 m. 40 | 28 🗷 02 | 25중32 | 24≈52 | 0m.14 | 0 7 38 | 28 🗷 57 | 26중29 | 25≈54 | 1m.17 | 1 7 36 | 29 🗷 52 | 27 궁 26 | 26≈55 |
| 3S 4S | 29 □ 15 29 □ 19 | 29 m 55 0 ≈ 09 | 28 ∡ 26 28 ∡ 50 | 25 궁 47 26 궁 01 | 24≈57 25≈01 | 0 m 18 0 m 22 | 0 ₹ 53 1 ₹ 07 | 29 ₹21 29 ₹45 | 26중43 26중58 | 25≈58 26≈03 | 1 m.21 1 m.26 | 1 ₹ 51 2 ₹ 05 | 0중16 0중40 | 27중40 27중54 | 27≈00 27≈05 |
| 5S | 29 <u>a</u> 23 | 0 ₹ 23 | 29×14 | 26중16 | 25≈06 | 0 m. 27 | 1 ₹ 22 | 0중09 | 27중12 | 26≈08 | 1 m. 30 | 2 7 20 | 1중04 | 28중09 | 27≈09 |
| 6S | 29 ≗ 23 | 0x ²³ | 29×14 29×138 | 26 중 30 | 25≈06 25≈11 | 0 m 31 | 1 x 22 | 0~609 | 27 日 12 | 26≈08 26≈12 | 1 m 35 | 2 x 20 2 x 34 | 1504 | 28 중 23 | 27≈09 27≈14 |
| 7S | 29 ₾ 32 | 0 ₹ 52 | 0중02 | 26중44 | 25≈16 | 0m.36 | 1 \$751 | 0중57 | 27중41 | 26≈17 | 1 m 39 | 2 🗷 49 | 1공52 | 28중37 | 27≈18 |
| 8S | 29 ≗ 36 | 1 ₹ 07 | 0る27 | 26궁59 | 25≈21 | 0 m 40 | 2 ₹ 06 | 1る22 | 27궁55 | 26≈22 | 1 m.44 | 3 ₹ 04 | 2중17 | 28중51 | 27≈23 |
| 9S | 29ჲ40 | 1 ₹ 22 | 0중51 | 27중13 | 25≈25 | 0m45 | 2 ₹ 21 | 1346 | 28궁09 | 26≈26 | 1 m 48 | 3 ₹ 19 | 2중41 | 29중06 | 27≈28 |
| 10S | 29ჲ45 | 1 ₹ 37 | 1316 | 27중28 | 25≈30 | 0m49 | 2 ₹ 36 | 2ਰ11 | 28중24 | 26≈31 | 1 m 53 | 3 ₹ 35 | 3号05 | 29궁20 | 27≈32 |
| 11S | 29 <u>2</u> 49 | 1 🗷 53 | 1 궁 40 | 27중42 | 25≈35 | 0m.54 | 2 7 51 | 235 | 28중38 | 26≈36 | 1 m.58 | 3 \$7 50 | 3중30 | 29중34 | 27≈37 |
| 12S 13S | 29 a 54 29 a 59 | 2 ₹ 08 2 ₹ 24 | 2 3 05 2 3 30 | 27궁57 28궁12 | 25≈40 25≈45 | 0 m. 58 1 m. 03 | 3 ₹ 07 3 ₹ 23 | 3정00 3정25 | 28 궁 53 29 궁 07 | 26≈41 26≈45 | 2 m 03 2 m 08 | 4 ₹ 06 4 ₹ 22 | 3중55 4중20 | 29 ප 48 0≈03 | 27≈41 27≈46 |
| 14S | 0m.03 | 2 7 39 | 2 3 55 | 28 3 26 | 25≈50 | 1 m 08 | 3×23 | 3 5 25 | 29 る 22 | 26≈50 | 2 m 12 | 4×22 | 4 3 45 | 0≈03 0≈17 | 27≈51 |
| 15S | 0 m 08 | 2 <i>₹</i> 155 | 3중21 | 28중41 | 25≈55 | 1 m. 13 | 3 z 155 | 4궁16 | 29궁36 | 26≈55 | 2 m 17 | 4 ₹ 54 | 5중10 | 0≈32 | 27≈55 |
| 16S | 0 m 13 | 3 × 12 | 3 8 21 | 28 공 56 | 25≈55 26≈00 | 1 m. 18 | 4×11 | 4310 4341 | 29 3 51 | 20≈33 27≈00 | 2 m 23 | 5×10 | 5 3 36 | 0≈32 0≈46 | 28≈00 |
| 17S | 0m.17 | 3 ₹ 28 | 4중12 | 29ਰ11 | 26≈05 | 1 m. 23 | 4 <i>≱</i> 128 | 5중07 | 0≈06 | 27≈05 | 2 m 28 | 5 ₹ 27 | 6중01 | 1≈01 | 28≈05 |
| 188 | 0 m 22 | 3 🗷 45 | 4중39 | 29중26 | 26≈10 | 1 m 28 | 4 🗷 45 | 5중33 | 0≈21 0 ≈21 | 27≈09 | 2m33 | 5 🗷 44 | 6 궁 27 | 1≈16 | 28≈09 |
| 19S | 0m.27 | 4 ₹ 02 | 5중05 | 29중41 | 26≈15 | 1 m.33 | 5 ₹ 02 | 5궁59 | 0≈36 | 27≈14 | 2 m. 38 | 6₹01 | 6중53 | 1≈30 | 28≈14 |
| 20S | 0 m 33 | 4 × 20 | 5 궁 32 | 29궁56 | 26≈20 26×25 | 1 m. 38 | 5 x 19 | 6 궁 26 | 0≈51 | 27≈19 | 2 m 44 | 6×19 | 7 る 20 | 1≈45 | 28≈19 |
| 21S 22S | 0m.38 0m.43 | 4 ₹ 37 4 ₹ 55 | 5 궁 59 6 궁 26 | 0≈11 0≈27 | 26≈25 26≈30 | 1 m 44 1 m 49 | 5 ₹ 37 5 ₹ 55 | 6 궁 53 7 궁 20 | 1≈06 1≈21 | 27≈24 27≈29 | 2 m 49 2 m 55 | 6 x 37 | 7 3 47 8 3 14 | 2≈00 2≈15 | 28≈24 28≈29 |
| 23S | 0m.48 | 5×14 | 6 3 53 | 0≈27 0≈42 | 26≈35 | 1 m 55 | 6×14 | 7820 7847 | 1≈36 | 27≈34 | 3 m 00 | 7 ₹ 14 | 8 3 41 | 2≈31 | 28≈34 |
| 24S | 0 m 54 | 5 ₹ 33 | 7중21 | 0≈58 | 26≈40 | 2 m 00 | 6₹33 | 8중15 | 1≈52 | 27≈40 | 3 m 06 | 7 ₹ 33 | 9궁09 | 2≈46 | 28≈39 |
| 25S | 1 m 00 | 5 ₹ 52 | 7궁50 | 1≈14 | 26≈46 | 2 m. 06 | 6 <i>₹</i> 152 | 8중43 | 2≈08 | 27≈45 | 3 m. 12 | 7 ₹ 52 | 9 云 37 | 3≈02 | 28≈44 |
| 26S | 1 m 05 | 6 ₹ 11 | 8중19 | 1≈30 | 26≈51 | 2 m 12 | 7 <i>≱</i> 12 | 9궁12 | 2≈24 | 27≈50 | 3 m 18 | 8 ₹ 12 | 10궁05 | 3≈17 | 28≈49 |
| 27S | 1 m 11 | 6×32 | 8정48 | 1≈46 | 26≈57 | 2 m 18 | 7 × 32 | 9정41 | 2≈40 | 27≈55 | 3 m. 25 | 8 🗷 32 | 10중34 | 3≈33 | 28≈54 |
| 28S 29S | 1 m 17 1 m 23 | 6 ₹ 52 7 ₹ 13 | 9 궁 17 9 궁 47 | 2≈03 2≈20 | 27≈02 27≈08 | 2 m 24 2 m 31 | 7 ₹ 53 8 ₹ 14 | 10궁10 10궁40 | 2≈56 3≈13 | 28≈01 28≈06 | 3 m. 31 3 m. 38 | 8 ₹ 53 9 ₹ 14 | 11중03 11중33 | 3≈50 4≈06 | 28≈59 29≈05 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 1 m. 30 1 m. 36 | 7 ₹ 35 | 10중18 10중49 | 2≈37 2≈54 | 27≈14 27≈19 | 2 m 37 2 m 44 | 8 ₹ 36 8 ₹ 58 | 11중11 11중42 | 3≈30 3≈47 | 28≈12 28≈17 | 3 m. 44 3 m. 51 | 9 x 36 9 x 58 | 12 る 03 12 る 34 | 4≈23 4≈39 | 29≈10 29≈16 |
| 32S | 1 m 43 | 8 × 20 | 11321 | 3≈11 | 27≈25 | 2 m 51 | 9×21 | 12313 | 4≈04 | 28≈23 | 3 m 58 | 10×21 | 13중05 | 4≈56 | 29≈21 |
| 33S | 1 m 50 | 8 ≉ 44 | 11공53 | 3≈29 | 27≈31 | 2 m 58 | 9 ₹ 45 | 12る45 | 4≈21 | 28≈29 | 4m.06 | 10 ₹ 45 | 13중37 | 5≈14 | 29≈27 |
| 34S | 1 m 57 | 9₹08 | 12る26 | 3≈47 | 27≈37 | 3 m 05 | 10 ₮ 09 | 13중18 | 4≈39 | 28≈35 | 4m.13 | 11 ∡ 09 | 14궁09 | 5≈31 | 29≈33 |
| 35S | 2 m 04 | 9 ₹ 33 | 12궁59 | 4≈06 | 27≈43 | 3 m 13 | 10 ₮ 34 | 13중51 | 4≈57 | 28≈41 | 4m21 | 11 ∡ 35 | 14궁42 | 5≈49 | 29≈38 |
| 36S | 2 m 12 | 9 \$7 59 | 13334 | 4≈24 | 27≈50 | 3 m 20 | 11 7 00 | 14325 | 5≈16 | 28≈47 | 4m.29 | 12 🗷 01 | 15궁16 | 6≈08 | 29≈44 |
| 37S 38S | 2 m 28 | 10 ₹ 26 10 ₹ 53 | 14 궁 08 | 4≈43 5≈03 | 27≈56 28≈03 | 3 m 29 3 m 37 | 11 × 27 | 14 る 59 15 る 35 | 5≈35 5≈54 | 28≈53 29≈00 | 4m37 | 12 ₹ 27 12 ₹ 55 | 15중50 16중25 | 6≈26 6≈45 | 29≈51 29≈57 |
| 39S | 2 m 36 | 11 🗷 22 | 15중20 | 5≈23 | 28≈10 | 3 m. 46 | 12 \$\sigma 23 | 16중11 | 5≈3 4 6≈14 | 29≈06 | 4m.55 | 13 🗷 24 | 17 3 01 | 7≈04 | 0 X 03 |
| 40S | 2 m. 45 | 11 ₹ 52 | 15중58 | 5≈43 | 28≈16 | 3 m. 54 | 12 ₹ 53 | 16중48 | 6≈34 | 29≈13 | 5 m.04 | 13 ₹ 54 | 17중37 | 7≈24 | 0 X 10 |
| 41S | 2 m 54 | 12 🗷 23 | 16중36 | 6≈04 | 28≈24 | 4 m. 04 | 13×24 | 17중25 | 6≈54 | 29≈20 | 5 m 13 | 14 🗷 24 | 18중15 | 7≈44 | 0×16 |
| 42S | 3 m 03 | 12 ₹ 55 | 17중15 | 6≈25 | 28≈31 | 4 m. 14 | 13 ₹ 56 | 18궁04 | 7≈15 | 29≈27 | 5 m 23 | 14 ₹ 57 | 18궁53 | 8≈05 | 0 ₩ 23 |
| 43S | 3 m 13 | 13 🗷 28 | 17궁55 | 6≈47 | 28≈38 | 4 m 24 | 14 🗷 29 | 18343 | 7 ≈ 36 | 29≈34 | 5m.34 | 15 🗷 30 | 19중32 | 8≈26 | 0 × 30 |
| 44S | 3 m. 23 | 14 🗷 03 | 18중36 | 7≈09 | 28≈46 | 4 m. 34 | 15 🗷 04 | 19324 | 7≈58 | 29≈42 | 5 m. 45 | 16 ₹ 05 | 20중12 | 8≈48 | 0 X 37 |
| 45S | 3 m 34 | 14 ₹ 40 15 ₹ 18 | 19 궁 18 20 궁 01 | 7≈32 | 28≈54 29≈02 | 4 m 45 | 15 x 41 16 x 19 | 20중06 | 8≈21 | 29≈49 29≈57 | 5 m 56 | 16×141 | 20중53 | 9≈10 | 0 X 45 |
| 46S 47S | 3 m. 45 3 m. 57 | 15×18 | 20등01 20등45 | 7≈55 8≈19 | 29≈02 29≈10 | 4 m 57 5 m 09 | 16×19 | 20중48 21중32 | 8≈44 9≈08 | 29≈57 0 X 05 | 6m.08 6m.20 | 17∡19 17∡59 | 21 궁 36 22 궁 19 | 9≈33 9≈56 | 0 X 52 1 X 00 |
| 48S | 4m.10 | 16×40 | 21중31 | 8≈44 | 29≈19 | 5 m 22 | 17×41 | 22중17 | 9≈32 | 0 X 13 | 6m.34 | 18 🗷 41 | 23중03 | 10≈20 | 1 × 08 |
| 49S | 4 m 23 | 17 द 24 | 22중18 | 9≈09 | 29≈27 | 5 m 35 | 18 ₹ 25 | 23중03 | 9≈57 | 0 ¥ 22 | 6m48 | 19 ₹ 25 | 23중49 | 10≈45 | 1 X 17 |
| 50S | 4m37 | 18 ~ 11 | 23궁06 | 9≈36 | 29≈36 | 5 m 50 | 19 ≈ 12 | 23중51 | 10≈23 | 0 ∺ 31 | 7 m. 02 | 20 ₮ 12 | 24궁36 | 11≈10 | 1 ¥ 25 |
| 51S | 4m.51 | 19 7 01 | 23중55 | 10≈03 | 29≈46 | 6m.05 | 20 7 01 | 24840 | 10≈50 | 0 × 40 | 7m.18 | 21 🗷 01 | 25825 | 11≈37 | 1 × 34 |
| 52S | 5m07 | 19 \$7 53 | 24 궁 47 | 10≈31 | 29≈56 | 6m21 | 20 🗷 53 | 25중31 | 11≈17 | 0 X 49 | 7 m 34 | 21 🗷 53 | 26중15 | 12≈04 | 1 X 43 |
| 53S 54S | 5 m. 23 5 m. 41 | 20 ₹ 49 21 ₹ 48 | 25중39 26중34 | 11≈00 11≈30 | 0 ¥ 06 0 ¥ 16 | 6 m. 38 | 21 ∡ 49 22 ∡ 47 | 26중23 27중17 | 11≈46 12≈15 | 0 X 59 | 7 m. 52 8 m. 10 | 22 x 48 23 x 46 | 27る06 27る59 | 12≈32 13≈01 | 1 X 53 2 X 03 |
| 55S | 6m.00 | 22 🗷 51 | 27중30 | 12≈01 | 0 X 27 | 7 m. 16 | 23 🗷 50 | 28 중 12 | 12≈46 | 1 × 20 | 8 m. 31 | 24 🗷 49 | 28중54 | 13≈31 | 2 X 13 |
| 56S | 6m21 | 22 × 51 23 × 59 | 27 日3 0 28 日2 8 | 12≈01 | 0 X 27 | 7 m 37 | 24 × 58 | 29중09 | 12≈40 | 1 X 20 | 8 m. 52 | 25 × 56 | 29중50 | 13≈31 | 2 X 13 |
| 57S | 6m.42 | 25 ₹ 12 | 29중28 | 13≈06 | 0 X 51 | 7 m 59 | 26 ₹ 10 | 0≈09 | 13≈50 | 1 X 43 | 9m.15 | 27 ₹ 07 | 0≈49 | 14≈34 | 2 X 35 |
| 58S | 7m.06 | 26 🗷 31 | 0≈30 | 13≈41 | 1 X 03 | 8 m. 24 | 27 <i>≭</i> 28 | 1≈10 | 14≈24 | 1 X 55 | 9m.41 | 28 ₹ 24 | 1≈49 | 15≈08 | 2 X 47 |
| 59S | 7 m 32 | 27 ₹ 56 | 1≈35 | 14≈17 | 1 X 16 | 8 m. 51 | 28 ₹ 52 | 2≈13 | 15≈00 | 2 ¥ 07 | 10m.08 | 29 ₹ 48 | 2≈51 | 15≈42 | 2 X 59 |
| 60S | 8m.01 | 29 ₹ 29 | 2≈41 | 14≈54 | 1 X 30 | 9 m 20 | 0중24 | 3≈19 | 15≈36 | 2 ¥ 21 | 10m.39 | 1중18 | 3≈56 | 16≈19 | 3 × 12 |
| 618 | 8 m 32 | 1중11 3중03 | 3≈50 5×01 | 15≈33 | 1 X 44 | 9 m 52 | 2 중 04 3 중 55 | 4≈27 | 16≈15 | 2 × 34 | 11 m 12 | 2 3 57 | 5≈03 | 16≈56 | 3 X 25 3 X 39 |
| 62S 63S | 9m07 9m46 | 5 전 03 | 5≈01 6≈15 | 16≈14 16≈57 | 1 X 59 2 X 15 | 10 m. 28 11 m. 08 | 5 전 57 | 5≈37 6≈50 | 16≈55 17≈37 | 2 X 49 3 X 04 | 11 m.49 12 m.31 | 4 3 46 6 3 45 | 6≈12 7≈24 | 17≈36 18≈17 | 3 X 39 |
| 64S | 10m.30 | 7중26 | 7≈32 | 17≈42 | 2 × 31 | 11 m 54 | 8중12 | 8≈05 | 17≈37 18≈21 | 3 × 20 | 13 m 18 | 8중59 | 8≈38 | 19≈00 | 4 × 10 |
| | | | 1 | | l | | | | | | | | | | |
| 65S | 11 m 20 | 10중03 | 8≈52 | 18≈29 | 2 X 49 | 12 m.46 | 10る45 | 9≈24 | 19≈07 | 3 × 38 | 14 m 12 | 11る28 | 9≈56 | 19≈45 | 4 X 26 |
| 65S 66S | 11 m.20 12 m.19 | 10중03 13중02 | 8≈52 10≈15 | 18≈29 19≈18 | 2 × 49 3 × 08 | 12 m. 46 13 m. 48 | 10る45 13る39 | 9≈24 10≈45 | 19≈07 19≈55 | 3 X 38 3 X 56 | 14 m. 12 15 m. 16 | 11중28 14중16 | 9≈56 11≈16 | 19≈45 20≈33 | 4 X 26 4 X 44 |

| | Sid.Tir MC: | | 00m A | RMC: 1 | 80°00' | Sid.Tir MC: | | 04m A 05'24 | RMC: 1 | 181°00' | Sid.Tii MC: | | 08m A 0'47 | RMC: 1 | 82°00' |
|------------|--------------------|----------------------------------|----------------------------------|----------------------------------|--|--------------------|----------------------------------|----------------------------------|----------------------------------|--|----------------------|---------------------------------|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2 m 10 | 2 ₹ 05 | 0800 | 27중54 | 27≈49 | 3 m 13 | 3 ₹ 02 | 0중55 | 28중52 | 28≈51 | 4m.15 | 3 ₹ 59 | 1궁50 | 29궁49 | 29≈54 |
| 1S | 2m15 | 2 🗷 19 | 0중23 | 28중08 | 27≈53 | 3 m 17 | 3 ₹ 17 | 1818 | 29중06 | 28≈56 | 4m.20 | 4 🗷 14 | 2중13 | 0≈03 | 29≈58 |
| 2S 3S | 2m19 | 2 \$7 34 | 0중47 | 28 궁 23 28 궁 37 | 27≈58 | 3 m 22 3 m 27 | 3 \$731 | 1 3 42 | 29 궁 20 29 궁 34 | 29≈00 | 4 m 25 | 4 🗷 28 | 2837 | 0≈17 | 0 × 02 |
| 4S | 2 m. 24 2 m. 29 | 2 ₹ 48 3 ₹ 03 | 1중11 1중35 | 28 공 21 | 28≈02 28≈07 | 3 m 31 | 3 ₹ 46 4 ₹ 01 | 2 궁 06 2 궁 30 | 29 5 34 29 중 48 | 29≈04 29≈09 | 4m.29 4m.34 | 4 ₹ 43 4 ₹ 58 | 3중01 3중25 | 0≈31 0≈45 | 0 X 07 0 X 11 |
| 5S | 2 m 33 | 3 × 18 | 1359 | 29중05 | 28≈11 | 3 m. 36 | 4 🗷 15 | 2 3 54 | 0≈02 | 29≈13 | 4m.39 | 5 7 13 | 3849 | 0≈59 | 0×15 |
| 6S | 2 m 38 | 3 x 32 | 2 日 23 | 29803 | 28≈15 | 3 m 41 | 4x-13 4x-13 | 3정18 | 0≈02 0≈16 | 29≈13 | 4 m 44 | 5 x 28 | 4정13 | 1≈13 | 0 X 13 |
| 7S | 2 m. 43 | 3 ₹ 47 | 2847 | 29중34 | 28≈20 | 3 m. 46 | 4 <i>₹</i> 45 | 3₹42 | 0≈30 | 29≈22 | 4m.49 | 5 ₹ 43 | 4중37 | 1≈27 | 0 ¥ 23 |
| 8S | 2m47 | 4 ₹ 02 | 3ਵ11 | 29중48 | 28≈24 | 3 m 51 | 5 ₹ 01 | 4궁06 | 0≈44 | 29≈26 | 4m54 | 5 ₹ 58 | 5중01 | 1≈41 | 0 ¥ 28 |
| 9S | 2 m 52 | 4 <i>≱</i> 18 | 3중36 | 0≈02 | 28≈29 | 3 m 56 | 5 <i>≱</i> 16 | 4중31 | 0≈58 | 29≈30 | 4 m. 59 | 6 ₹ 14 | 5중25 | 1≈55 | 0 ₩ 32 |
| 10S | 2m57 | 4 🗷 33 | 4궁00 | 0≈16 | 28≈33 | 4m.01 | 5×31 | 4궁55 | 1≈12 | 29≈35 | 5 m 04 | 6.₹29 | 5궁50 | 2≈08 | 0 X 36 |
| 11S 12S | 3 m. 02 3 m. 07 | 4 x 49 5 x 04 | 4궁25 4궁49 | 0≈30 0≈44 | 28≈38 28≈42 | 4 m 06 4 m 11 | 5 x 47 6 x 03 | 5 日 19 5 日 44 | 1≈26 1≈40 | 29≈39 29≈43 | 5m.09 5m.14 | 6 ₹ 45 7 ₹ 01 | 6 궁 14 6 궁 39 | 2≈22 2≈36 | 0 ¥ 40 0 ¥ 44 |
| 13S | 3 m 12 | 5×104 | 5정14 | 0≈44 | 28≈42 28≈47 | 4m.16 | 6×19 | 6중09 | 1≈40 | 29≈43 | 5m20 | 7 x · 01 | 7중03 | 2≈50 2≈50 | 0 X 44 |
| 14S | 3 m 17 | 5 ₹ 36 | 5중39 | 1≈13 | 28≈51 | 4 m 21 | 6 <i>₹</i> 35 | 6ਰ34 | 2≈08 | 29≈52 | 5 m 25 | 7 ₹ 33 | 7중28 | 3≈04 | 0 X 53 |
| 15S | 3 m.22 | 5 z 53 | 6중05 | 1≈27 | 28≈56 | 4 m. 26 | 6 ₹ 51 | 6궁59 | 2≈23 | 29≈56 | 5 m. 30 | 7 ₹ 50 | 7중53 | 3≈18 | 0 X 57 |
| 16S | 3 m 27 | 6 ₹ 09 | 6중30 | 1≈41 | 29≈00 | 4 m 32 | 7 ₹ 08 | 7중24 | 2≈37 | 0 × 01 | 5m36 | 8 ₹ 07 | 8물18 | 3≈32 | 1 X 02 |
| 17S | 3 m 32 | 6 ₹ 26 | 6궁56 | 1≈56 | 29≈05 | 4 m 37 | 7 <i>≱</i> 25 | 7る50 | 2≈51 | 0 ₩ 05 | 5m41 | 8 ₹ 24 | 8중44 | 3≈46 | 1 X 06 |
| 18S | 3 m 38 | 6 x 43 | 7 궁 21 | 2≈11 | 29≈10 | 4 m 43 | 7 \$7 42 | 8 궁 15 | 3≈06 3≈20 | 0 X 10 | 5 m 47 | 8 2 41 | 9 궁 09 | 4≈01 4≈15 | 1 X 10 |
| 198 | 3 m. 43 | 7.701 | 7 3 47 | 2≈25 | 29≈14 | 4 m. 48 | 8 🗷 00 | 8341 | 3≈20 | 0 X 14 | 5 m. 53 | 8 \$7 58 | 9 궁 35 | 4≈15 | 1 X 15 |
| 20S 21S | 3 m. 49 3 m. 55 | 7 ₹ 18 7 ₹ 36 | 8 궁 14 8 궁 40 | 2≈40 2≈55 | 29≈19 29≈24 | 4 m 54 5 m 00 | 8 x 17 8 x 35 | 9 궁 08 9 궁 34 | 3≈35 3≈49 | 0 × 19 0 × 23 | 5 m 59 6 m 05 | 9 ₹ 16 9 ₹ 34 | 10중01 10중28 | 4≈30 4≈44 | 1 X 19 1 X 23 |
| 21S 22S | 4m.00 | 7 x · 30 | 9중07 | 2≈33 3≈10 | 29≈24 29≈28 | 5 m 06 | 8 × 54 | 10중01 | 3≈49 4≈04 | 0 X 23 | 6m.11 | 9×134 9×153 | 10~528 10~554 | 4≈44 4≈59 | 1 X 23 |
| 23S | 4m.06 | 8 * 13 | 9 궁 35 | 3≈25 | 29≈33 | 5 m 12 | 9 ₹ 13 | 10궁28 | 4≈19 | 0 X 33 | 6m17 | 10 ₮ 12 | 11321 | 5≈14 | 1 X 32 |
| 24S | 4m12 | 8 ₹ 32 | 10名02 | 3≈40 | 29≈38 | 5m.18 | 9₹32 | 10궁55 | 4≈34 | 0 ₩ 37 | 6m.23 | 10∡31 | 11る49 | 5≈28 | 1 X 37 |
| 25S | 4m.18 | 8 ₹ 52 | 10중30 | 3≈56 | 29≈43 | 5 m 24 | 9 ₹ 51 | 11る23 | 4≈50 | 0 ₩ 42 | 6m30 | 10 ₹ 50 | 12중16 | 5≈44 | 1 X 42 |
| 26S | 4m.25 | 9 7 12 | 10공58 | 4≈11 | 29≈48 | 5 m 30 | 10 7 11 | 11공51 | 5≈05 | 0 X 47 | 6m.36 | 11 7 10 | 12344 | 5≈59 | 1 X 46 |
| 27S 28S | 4m31 4m37 | 9 x 32 9 x 53 | 11궁27 11궁56 | 4≈27 4≈43 | 29≈53 29≈58 | 5 m 37 5 m 44 | 10 ₹ 32 10 ₹ 52 | 12る20 12名49 | 5≈21 5≈36 | 0 X 52 0 X 57 | 6m.43 6m.50 | 11 🗷 31 11 🗷 52 | 13중12 13중41 | 6≈14 6≈30 | 1 X 51 1 X 56 |
| 29S | 4m.44 | 10 × 14 | 12326 | 4≈59 | 0 X 03 | 5 m 51 | 11 \$7 14 | 13중18 | 5≈52 | 1 X 02 | 6m.57 | 12 × 13 | 14중10 | 6≈46 | 2 X 01 |
| 30S | 4m.51 | 10 ₹ 36 | 12중56 | 5≈15 | 0 ¥ 08 | 5 m 58 | 11 ₹ 36 | 13중48 | 6≈08 | 1 X 07 | 7 m.04 | 12 ₹ 35 | 14중40 | 7≈02 | 2 ¥ 06 |
| 31S | 4m.58 | 10 ₹ 58 | 13326 | 5≈32 | 0 X 14 | 6m.05 | 11 ₹ 58 | 14궁18 | 6≈25 | 1 X 12 | 7m.12 | 12 ₹ 58 | 15궁10 | 7≈18 | 2¥11 |
| 32S | 5m05 | 11 🗷 21 | 13중57 | 5≈49 | 0 X 19 | 6m.12 | 12 7 21 | 14궁49 | 6≈42 | 1 X 17 | 7m.19 | 13 🗷 21 | 15중40 | 7≈34 | 2 X 16 |
| 33S 34S | 5 m 13 5 m 21 | 11 ₹ 45 12 ₹ 10 | 14궁29 15궁01 | 6≈06 6≈24 | 0 ¥ 25 0 ¥ 30 | 6 m. 20 6 m. 28 | 12 ₹ 45 13 ₹ 10 | 15 る 20 15 る 52 | 6≈58 7≈16 | 1 X 23 1 X 28 | 7 m. 27 7 m. 35 | 13 ₹ 45 14 ₹ 09 | 16궁11 16궁43 | 7≈51 8≈08 | 2 ¥ 21 2 ¥ 26 |
| - 1 | | | | | | | | | | | | | | | |
| 35S 36S | 5 m. 29 5 m. 37 | 12 ₹ 35 13 ₹ 01 | 15중33 16중07 | 6≈41 6≈59 | 0 ¥ 36 0 ¥ 42 | 6 m 36 6 m 45 | 13 \$\squad 35 \\ 14 \squad 01 | 16궁24 16궁57 | 7≈33 7≈51 | 1 X 34 1 X 39 | 7 m. 44 7 m. 52 | 14 × 34 15 × 00 | 17 る 15 17 る 48 | 8≈25 8≈43 | 2 ¥ 32 2 ¥ 37 |
| 37S | 5 m 45 | 13 🗷 28 | 16중41 | 7≈18 | 0 × 48 | 6 m 53 | 14 🗷 28 | 17 ਰ 31 | 8≈09 | 1 X 45 | 8m.01 | 15 × 00 | 18321 | 9≈01 | 2 X 43 |
| 38S | 5 m 54 | 13 ₹ 55 | 17궁15 | 7≈36 | 0 ¥ 54 | 7 m 02 | 14 ₹ 55 | 18궁05 | 8≈28 | 1 X 51 | 8m.10 | 15 ₹ 55 | 18궁55 | 9≈19 | 2 |
| 39S | 6m03 | 14 ₹ 24 | 17ਰ51 | 7≈55 | 1 X 00 | 7 m.12 | 15 ₹24 | 18중41 | 8≈46 | 1 X 57 | 8 m. 20 | 16∡24 | 19중30 | 9≈37 | 2 X 54 |
| 40S | 6m.13 | 14 🗷 54 | 18827 | 8≈15 | 1 X 06 | 7 m 22 | 15 × 54 | 19궁16 | 9≈06 | 2 × 03 | 8 m. 30 | 16 × 53 | 20중06 | 9≈56 | 3 ¥ 00 |
| 41S 42S | 6m.23 6m.33 | 15 ₹ 25 15 ₹ 57 | 19 궁 04 19 궁 42 | 8≈35 8≈55 | 1 X 13 1 X 19 | 7 m 32 7 m 42 | 16 ₹ 25 16 ₹ 57 | 19중53 20중31 | 9≈25 9≈45 | 2 X 09 2 X 16 | 8m.40 8m.51 | 17 ₹ 24 17 ₹ 56 | 20중42 21중19 | 10≈16 10≈35 | 3 X 06 3 X 12 |
| 43S | 6m.44 | 16 \$\times 30 | 20중21 | 9≈16 | 1 X 26 | 7 m 53 | 17×30 | 20 3 31 21 3 09 | 10≈06 | 2 X 22 | 9m.02 | 18 × 30 | 21 3 57 | 10≈56 | 3 X 19 |
| 44S | 6m55 | 17 ₹ 05 | 21궁00 | 9≈37 | 1 X 33 | 8 m 05 | 18 ₹ 05 | 21중48 | 10≈27 | 2 X 29 | 9m.14 | 19 ₹ 04 | 22중36 | 11≈16 | 3 ∺ 25 |
| 45S | 7m06 | 17 <i>≱</i> 42 | 21중41 | 9≈59 | 1 X 40 | 8 m. 17 | 18∡41 | 22궁28 | 10≈48 | 2 X 36 | 9m.26 | 19 🗷 41 | 23중16 | 11≈38 | 3 ∺ 32 |
| 46S | 7m.19 | 18×20 | 22중23 | 10≈22 | 1 X 48 | 8 m. 29 | 19 7 19 | 23중10 | 11≈11 | 2 X 43 | 9m.39 | 20 🗷 18 | 23중57 | 11≈59 | 3 X 39 |
| 47S 48S | 7 m. 32 7 m. 45 | 18 ₹ 59 19 ₹ 41 | 23 궁 06 23 궁 50 | 10≈45 11≈08 | 1 X 55 2 X 03 | 8 m. 42 8 m. 56 | 19 ₹ 59 20 ₹ 41 | 23궁52 24궁36 | 11≈33 11≈57 | 2 X 51 2 X 58 | 9 m. 53 10 m. 07 | 20 ₹ 58 21 ₹ 39 | 24중38 25중21 | 12≈22 12≈45 | 3 X 46 3 X 53 |
| 48S 49S | 7 m 59 | 20 \$\square 25 | 23 5 30 24 궁 35 | 11≈08 | 2 X 03 | 9m.11 | 20×41 21×24 | 24 5 36 25 중 20 | 11≈37 | 3 X 06 | 10 m. 22 | 21 × 39 22 × 23 | 23 5 21 26 궁 06 | 12≈43 | 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| 50S | 8 m. 14 | 21 🗷 11 | 25중21 | 11≈58 | 2 X 20 | 9 m. 26 | 22 🗷 10 | 26중06 | 12≈45 | 3 X 14 | 10 m 37 | 23 🗷 09 | 26궁51 | 13≈33 | 4¥09 |
| 51S | 8m30 | 22 × 00 | 26중09 | 12≈24 | 2 X 28 | 9 m. 42 | 22 × 10 | 26중53 | 13≈11 | 3 X 22 | 10 m 54 | 23 🖈 57 | 20 3 31 27 3 38 | 13≈58 | 4 X 17 |
| 52S | 8m47 | 22 ₹ 52 | 26궁58 | 12≈50 | 2 X 37 | 10 m 00 | 23 ₹ 50 | 27쥥42 | 13≈37 | 3 ¥ 31 | 11 m 12 | 24 ₹ 48 | 28궁26 | 14≈23 | 4¥25 |
| 53S | 9m.05 | 23 🗷 46 | 27849 | 13≈18 | 2 X 46 | 10 m 18 | 24 🗷 45 | 28 궁 32 | 14≈04 | 3 × 40 | 11 m. 31 | 25 🗷 42 | 29궁15 | 14≈50 | 4 ¥ 34 |
| 54S | 9 m. 24 | 24 🗷 45 | 28342 | 13≈46 | 2 X 56 | 10 m. 38 | 25 🗷 42 | 29324 | 14≈32 | 3 X 49 | 11 m.51 | 26 🗷 39 | 0≈06 | 15≈18 | 4 + 4 43 |
| 55S | 9m45 | 25 🗷 47 | 29중36 | 14≈16 | 3 × 06 | 10 m 59 | 26 ₹ 44 27 ₹ 49 | 0≈17 | 15≈01 15≈31 | 3 X 59 | 12 m 13 | 27 🗷 40 | 0≈59 | 15≈46 16≈16 | 4 ¥ 52 5 ¥ 02 |
| 56S 57S | 10m.07 10m.31 | 26 × 53 28 × 04 | 0≈31 1≈29 | 14≈46 15≈18 | 3 ¥ 16 3 ¥ 27 | 11 m.22 11 m.47 | 27×49 29×100 | 1≈12 2≈09 | 15≈31 16≈02 | 4 X 09 4 X 20 | 12 m. 36 13 m. 01 | 28 × 46 29 × 55 | 1≈53 2≈49 | 16≈16 16≈46 | 5 X 02 |
| 58S | 10 m 57 | 29 \$\times 20 | 2≈28 | 15≈51 | 3 × 38 | 12 m 13 | 0중15 | 3≈07 | 16≈34 | 4 X 30 | 13 m 29 | 1310 | 3≈46 | 17≈18 | 5 X 23 |
| 59S | 11 m 26 | 0중43 | 3≈30 | 16≈25 | 3 ¥ 50 | 12 m.42 | 1중37 | 4≈08 | 17≈08 | 4 ¥ 42 | 13 m 59 | 2중31 | 4≈46 | 17≈51 | 5 ¥ 34 |
| 60S | 11 m 57 | 2중12 | 4≈33 | 17≈01 | 4 ∺ 03 | 13 m. 14 | 3중05 | 5≈11 | 17≈43 | 4 ¥ 54 | 14m.31 | 3중58 | 5≈48 | 18≈25 | 5 ₩ 45 |
| 61S | 12m31 | 3중50 | 5≈39 | 17≈38 | 4¥16 | 13 m 50 | 4841 | 6≈16 | 18≈19 | 5 × 06 | 15m.08 | 5중32 | 6≈52 | 19≈01 | 5 X 57 |
| 62S | 13 m 09 | 5중36 | 6≈48 7≈58 | 18≈17 18≈57 | 4 X 29 | 14 m 29 | 6 궁 26 | 7≈23 8≈32 | 18≈57 | 5 X 20 | 15 m. 48 | 7중15 | 7≈58 9≈07 | 19≈38 20≈17 | 6¥10 |
| 63S 64S | 13 m.52 14 m.41 | 7 3 34 9 3 44 | 7≈58 9≈11 | 18≈57 19≈39 | 4 X 44 4 X 59 | 15 m 13 16 m 04 | 8 중 21 10 중 29 | 8≈32 9≈45 | 19≈37 20≈18 | 5 X 33 5 X 48 | 16m.34 17m.26 | 9 궁 09 11 궁 13 | 9≈07 10≈18 | 20≈17 20≈58 | 6 ¥ 23 6 ¥ 37 |
| 65S | 15 m 37 | 12310 | 10≈27 | 20≈24 | 5 X 15 | 17 m. 02 | 12351 | 10≈59 | 21≈02 | 6¥03 | 18 m. 26 | 13332 | 11≈31 | 21≈40 | 6 X 52 |
| 66S | 16m.44 | 12810 | 11≈46 | 20≈24 21≈10 | 5 X 32 | 18 m. 12 | 12831 | 10≈39 | 21≈02 21≈47 | 6 X 20 | 19m.39 | 16중07 | 12≈47 | 22≈25 | 7 X 08 |
| pc | 17m28 | 16중33 | 12≈32 | 21≈37 | 5 X 42 | 18m.57 | 17중06 | 13≈02 | 22≈14 | 6¥29 | 20m27 | 17중40 | 13≈32 | 22≈51 | 7 ∺ 17 |
| r · | = 0 | 55 | | | - / | , | | | | | / | _ · - · · | | | |

| | Sid.Tir MC: | | 12m A 6'09 | RMC: 1 | 83°00' | Sid.Tir MC: | | 16m A 1'30 | RMC: 1 | 84°00' | Sid.Tir MC: | | 20m A | RMC: 1 | 85°00' |
|------------|----------------------|--------------------------------|----------------------------------|----------------|--|----------------------|----------------------------------|----------------------------------|----------------|--|----------------------|----------------------------------|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 5m17 | 4 <i>₹</i> 156 | 2ਰ45 | 0≈47 | 0 X 57 | 6m.19 | 5 <i>≱</i> 153 | 3ਰ40 | 1≈45 | 2 ¥ 00 | 7m.21 | 6 ₹ 50 | 4중35 | 2≈43 | 3 ∺ 03 |
| 1S | 5 m 22 | 5×11 | 3중09 | 1≈01 | 1 × 01 | 6m24 | 6 ₹ 08 | 4중04 | 1≈58 | 2 × 04 | 7m.26 | 7 ₹ 05 | 4궁59 | 2≈56 | 3 × 07 |
| 2S 3S | 5 m 27 | 5×26 | 3 궁 32 | 1≈15 | 1 X 05 | 6 m 29 | 6 🗷 23 | 4 궁 27 | 2≈12 | 2 × 08 | 7m.31 | 7×20 | 5 궁 22 | 3≈10 | 3 X 11 |
| 4S | 5 m 32 5 m 37 | 5 \$\delta 40 \\ 5 \$\delta 55 | 3중56 4중20 | 1≈28 1≈42 | 1 X 09 1 X 13 | 6m34 6m39 | 6 x 38 6 x 53 | 4정51 5정15 | 2≈26 2≈40 | 2 X 12 2 X 16 | 7m36 7m41 | 7 z 35 7 z 50 | 5 정 46 6 정 10 | 3≈24 3≈37 | 3 ¥ 15 3 ¥ 18 |
| 5S | 5 m. 42 | 6×10 | 4344 | 1≈56 | 1 X 17 | 6 m. 44 | 7 ₹ 08 | 5중39 | 2≈53 | 2 X 20 | 7 m. 46 | 8 × 05 | 6중34 | 3≈51 | 3 X 22 |
| 6S | 5 m 47 | 6×10 | 5중08 | 2≈10 | 1 X 17 | 6m.49 | 7 x 23 | 6중03 | 3≈07 | 2 X 24 | 7 m 52 | 8 x 20 | 6중58 | 4≈04 | 3 X 26 |
| 7S | 5 m 52 | 6×20 | 5 3 32 | 2≈24 | 1 X 25 | 6m.54 | 7×38 | 6 3 27 | 3≈21 | 2 X 28 | 7 m 57 | 8×36 | 7 공 22 | 4≈18 | 3 × 30 |
| 8S | 5 m 57 | 6 <i>≱</i> 56 | 5궁56 | 2≈37 | 1 X 29 | 7 m 00 | 7 <i>≱</i> 154 | 6ਰ51 | 3≈34 | 2 X 31 | 8 m 02 | 8×151 | 7345 | 4≈31 | 3 ¥ 34 |
| 9S | 6m02 | 7 <i>≱</i> 12 | 6중20 | 2≈51 | 1 X 34 | 7 m 05 | 8 ₹ 09 | 7중15 | 3≈48 | 2 ¥ 35 | 8m.08 | 9 ₹ 07 | 8중10 | 4≈44 | 3 ∺ 37 |
| 10S | 6m07 | 7 <i>≱</i> 127 | 6중44 | 3≈05 | 1 X 38 | 7m.10 | 8 ₹ 25 | 7 云 39 | 4≈01 | 2 ¥ 39 | 8m.13 | 9 ₹ 22 | 8중34 | 4≈58 | 3 ¥ 41 |
| 118 | 6m.13 | 7 ₹ 43 | 7궁09 | 3≈19 | 1 X 42 | 7m.16 | 8 🗷 41 | 8중03 | 4≈15 | 2 X 43 | 8m.19 | 9₹38 | 8중58 | 5≈11 | 3 X 45 |
| 12S | 6m.18 | 7 🗷 59 | 7중33 | 3≈32 | 1 X 46 | 7 m.21 | 8 \$7 57 | 8 궁 28 | 4≈29 | 2 X 47 | 8 m. 24 | 9 \$7 55 | 9 궁 22 | 5≈25 | 3 X 49 |
| 13S 14S | 6m.23 6m.29 | 8 ₹ 15 8 ₹ 32 | 7정58 8정23 | 3≈46 4≈00 | 1 X 50 1 X 54 | 7 m. 27 7 m. 32 | 9 ₹ 13 9 ₹ 30 | 8 궁 52 9 궁 17 | 4≈42 4≈56 | 2 X 51 2 X 55 | 8 m. 30 8 m. 36 | 10 ₹ 11 10 ₹ 27 | 9 궁 47 10 궁 11 | 5≈38 5≈52 | 3 X 53 3 X 57 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 6m34 6m40 | 8 x 48 9 x 05 | 8 3 48 9 3 13 | 4≈14 4≈28 | 1 X 58 2 X 02 | 7 m 38 7 m 44 | 9 ₹ 46 10 ₹ 03 | 9 る 42 10 る 07 | 5≈10 5≈23 | 2 X 59 3 X 03 | 8m.41 8m.47 | 10 x 44 | 10중36 11중01 | 6≈06 6≈19 | 4 ¥ 00 4 ¥ 04 |
| 17S | 6m46 | 9 🗷 22 | 9중38 | 4≈42 | 2 X 07 | 7 m 49 | 10 \$\sigma 03\$ | 10명32 | 5≈37 | 3 X 07 | 8 m. 53 | 11 7 18 | 11326 | 6≈33 | 4 X 08 |
| 18S | 6m.51 | 9 7 39 | 10중03 | 4≈56 | 2 X 11 | 7 m 55 | 10 ₹ 28 | 10공57 | 5≈51 | 3 X 11 | 8m.59 | 11 🗷 36 | 11공51 | 6≈47 | 4¥12 |
| 19S | 6m.57 | 9 ₹ 57 | 10궁29 | 5≈10 | 2 ¥ 15 | 8m.01 | 10 ₹ 55 | 11중23 | 6≈05 | 3 X 15 | 9m05 | 11 ₹ 53 | 12중17 | 7≈01 | 4 ∺ 16 |
| 20S | 7m03 | 10 ₹ 15 | 10궁55 | 5≈24 | 2 X 19 | 8 m 08 | 11 ₹ 13 | 11궁49 | 6≈19 | 3 ₩ 20 | 9m.12 | 12 ₹ 11 | 12중42 | 7≈15 | 4¥20 |
| 21S | 7m.09 | 10 ≈ 33 | 11321 | 5≈39 | 2 X 24 | 8 m. 14 | 11 🗷 31 | 12315 | 6≈34 | 3 ¥ 24 | 9m.18 | 12 ₹ 30 | 13중08 | 7≈29 | 4 ¥ 24 |
| 22S | 7m.15 | 10 \$7 52 | 11348 | 5≈53 | 2 ¥ 28 | 8 m. 20 | 11 \$750 | 12341 | 6≈48 | 3 ¥ 28 | 9 m. 24 | 12 7 48 | 13834 | 7≈43 | 4 ¥ 28 |
| 23S 24S | 7 m 22 7 m 28 | 11 × 10 11 × 30 | 12 る 15 12 る 42 | 6≈08 6≈23 | 2 X 32 2 X 37 | 8 m. 27 8 m. 33 | 12 ₹ 09 12 ₹ 28 | 13중08 13중35 | 7≈02 7≈17 | 3 ¥ 32 3 ¥ 36 | 9m31 9m38 | 13 ₹ 07 13 ₹ 27 | 14 궁 01 14 궁 28 | 7≈57 8≈11 | 4 ¥ 32 4 ¥ 36 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 7 m 35 7 m 42 | 11 x 49 12 x 09 | 13 る 09 13 る 37 | 6≈38 6≈53 | 2 X 41 2 X 46 | 8 m. 40 8 m. 47 | 12 ₹ 48 13 ₹ 08 | 14 궁 02 14 궁 30 | 7≈32 7≈47 | 3 X 41 3 X 45 | 9m.45 9m.52 | 13 x 46 14 x 06 | 14궁55 15궁22 | 8≈26 8≈41 | 4 ¥ 41 4 ¥ 45 |
| 27S | 7 m 48 | 12×09 | 14중05 | 0≈33 7≈08 | 2 X 50 | 8 m 54 | 13×08 | 14공58 | 8≈02 | 3 X 50 | 9 m 59 | 14 \$7 27 | 15 8 22 | 8≈55 | 4 X 49 |
| 28S | 7m.56 | 12 \$7 51 | 14334 | 7≈23 | 2 X 55 | 9m.01 | 13 \$7 50 | 15중26 | 8≈17 | 3 × 54 | 10m.06 | 14 🗷 48 | 16공18 | 9≈10 | 4 ¥ 53 |
| 29S | 8 m 03 | 13 ₮ 12 | 15중02 | 7≈39 | 3 ¥ 00 | 9m.08 | 14 ₹ 11 | 15중55 | 8≈32 | 3 X 59 | 10 m 14 | 15 ₹ 10 | 16궁47 | 9≈26 | 4 ∺ 58 |
| 30S | 8 m. 10 | 13 ₹ 34 | 15중32 | 7≈55 | 3 ¥ 04 | 9m.16 | 14 ₹ 33 | 16궁24 | 8≈48 | 4 ¥ 03 | 10 m 22 | 15 ₹ 32 | 17중15 | 9≈41 | 5 ¥ 02 |
| 31S | 8m.18 | 13 ₹ 57 | 16중02 | 8≈11 | 3 X 09 | 9 m 24 | 14 ₹ 56 | 16궁53 | 9≈04 | 4 X 08 | 10m29 | 15 ₹ 54 | 17중45 | 9≈57 | 5 X 07 |
| 32S | 8m.26 | 14 ₹ 20 | 16중32 | 8≈27 | 3 × 14 | 9 m 32 | 15 🗷 19 | 17중23 | 9≈20 | 4 X 13 | 10m.38 | 16 🗷 17 | 18중15 | 10≈12 | 5 X 11 |
| 33S 34S | 8 m. 34 8 m. 42 | 14 ₹ 44 15 ₹ 08 | 17 る 03 17 る 34 | 8≈43 9≈00 | 3 × 19 3 × 24 | 9 m. 40 9 m. 49 | 15 ₹ 43 16 ₹ 07 | 17중54 18중25 | 9≈36 9≈52 | 4 X 18 4 X 22 | 10m.46 10m.55 | 16 x 41 17 x 06 | 18 궁 45 19 궁 16 | 10≈28 10≈45 | 5 X 16 5 X 21 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 8m.51 8m.59 | 15 ₹ 34 16 ₹ 00 | 18 궁 06 18 궁 38 | 9≈17 9≈34 | 3 X 29 3 X 35 | 9 m. 57 10 m. 06 | 16 ₹ 32 16 ₹ 58 | 18궁57 19궁29 | 10≈09 10≈26 | 4 ¥ 27 4 ¥ 33 | 11 m. 04 11 m. 13 | 17 \$\squad 31 \\ 17 \$\squad 57 | 19중47 20중19 | 11≈01 11≈18 | 5 X 26 |
| 37S | 9 m 09 | 16×26 | 19중12 | 9≈52 | 3 X 40 | 10 m 16 | 17 × 25 | 20중02 | 10≈20 | 4 X 38 | 11 m. 22 | 18 × 24 | 20중51 | 11≈35 | 5 X 36 |
| 38S | 9m.18 | 16×54 | 19845 | 10≈10 | 3 X 46 | 10 m 25 | 17 ₹ 53 | 20중35 | 11≈01 | 4 X 43 | 11 m.32 | 18 ₹ 52 | 21중25 | 11≈53 | 5¥41 |
| 39S | 9m28 | 17 ₹ 23 | 20중20 | 10≈28 | 3 X 51 | 10 m 35 | 18 ₹ 22 | 21궁09 | 11≈19 | 4 X 49 | 11 m 43 | 19 ₹ 20 | 21궁58 | 12≈10 | 5 ₩ 46 |
| 40S | 9m38 | 17 ₹ 53 | 20궁55 | 10≈47 | 3 ¥ 57 | 10 m.46 | 18∡51 | 21중44 | 11≈38 | 4 ¥ 54 | 11 m.53 | 19∡50 | 22중33 | 12≈28 | 5¥51 |
| 41S | 9m49 | 18 ₹ 23 | 21중31 | 11≈06 | 4 ∺ 03 | 10m.57 | 19 ₹ 22 | 22중19 | 11≈57 | 5 X 00 | 12m04 | 20 ₹ 21 | 23중08 | 12≈47 | 5 X 57 |
| 42S | 10m.00 | 18 🗷 55 | 22중08 | 11≈26 | 4 × 09 | 11 m 08 | 19 🗷 54 | 22중56 | 12≈16 | 5 × 06 | 12m.16 | 20 🗷 52 | 23344 | 13≈06 | 6¥02 |
| 43S 44S | 10 m 11 10 m 23 | 19 x 29 20 x 03 | 22 궁 45 23 궁 24 | 11≈46 12≈06 | 4 × 15 4 × 21 | 11 m.20 11 m.32 | 20 ₹27 21 ₹02 | 23중33 24중11 | 12≈35 12≈55 | 5 X 12 5 X 18 | 12 m. 28 12 m. 40 | 21 x 25 22 x 00 | 24중21 24중58 | 13≈25 13≈45 | 6 ¥ 08 6 ¥ 14 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 10m36 10m49 | 20 ₹ 39 21 ₹ 17 | 24 궁 03 24 궁 43 | 12≈27 12≈48 | 4 X 28 4 X 35 | 11 m. 45 11 m. 58 | 21 ₹ 38 22 ₹ 15 | 24궁50 25궁30 | 13≈16 13≈37 | 5 X 24 5 X 30 | 12 m. 53 13 m. 07 | 22 ₹ 36 23 ₹ 13 | 25 궁 37 26 궁 16 | 14≈05 14≈26 | 6¥20 6¥26 |
| 47S | 11 m 03 | 21 🗷 56 | 25 공 25 | 13≈10 | 4 × 41 | 12 m 12 | 22 × 15 | 26중11 | 13≈57 | 5 X 37 | 13 m 21 | 23 🗷 52 | 26 공 57 | 14≈47 | 6 X 33 |
| 48S | 11m17 | 22 ₹ 38 | 26중07 | 13≈33 | 4 X 49 | 12 m 27 | 23 ₹ 36 | 26중53 | 14≈21 | 5 X 44 | 13 m 36 | 24 ₹ 33 | 27중38 | 15≈09 | 6 ¥ 39 |
| 49S | 11 m 32 | 23 ∡ 21 | 26궁51 | 13≈56 | 4 ¥ 56 | 12 m 43 | 24 ₮ 19 | 27중36 | 14≈44 | 5 ¥ 51 | 13 m.52 | 25 ₹ 16 | 28중21 | 15≈32 | 6 ¥ 46 |
| 50S | 11 m.48 | 24 ₮ 07 | 27궁36 | 14≈20 | 5 ¥ 03 | 12 m 59 | 25 द 04 | 28궁20 | 15≈07 | 5 ¥ 58 | 14m.09 | 26 ₹ 01 | 29궁04 | 15≈55 | 6 ∺ 53 |
| 51S | 12m.06 | 24 🗷 55 | 28322 | 14≈45 | 5 X 11 | 13 m 17 | 25 🗷 52 | 29중05 | 15≈32 | 6¥06 | 14m.27 | 26 🗷 49 | 29349 | 16≈19 | 7¥00 |
| 52S 53S | 12 m. 24 12 m. 43 | 25 ₹ 46 26 ₹ 39 | 29 궁 09 29 궁 58 | 15≈10 15≈36 | 5 X 19 5 X 28 | 13 m 35 13 m 55 | 26 ₹ 42 27 ₹ 36 | 29 ප 52 0≈40 | 15≈57 16≈22 | 6 × 13 6 × 22 | 14 m. 46 15 m. 06 | 27 ₹ 39 28 ₹ 32 | 0≈35 1≈23 | 16≈43 17≈08 | 7 ¥ 08 7 ¥ 15 |
| 54S | 12 11 L 43 | 20 x 39 27 ₹ 36 | 29€38 0≈48 | 15≈36 | 5 X 26 | 13 IIL 33 | 28 × 32 | 1≈30 | 16≈22 | 6 X 30 | 15 m 28 | 28 × 32 29 × 28 | 1≈23 | 17≈08 | 7 X 13 |
| 55S | 13 m. 26 | 28 🗷 37 | 1≈40 | 16≈31 | 5 X 45 | 14 m 39 | 29 🗷 32 | 2≈21 | 17≈16 | 6 X 39 | 15 m 51 | 0중27 | 3≈02 | 18≈01 | 7 ∺ 32 |
| 56S | 13 m 50 | 29 🗷 41 | 2≈33 | 17≈00 | 5 X 55 | 15 m 03 | 0중36 | 3≈14 | 17≈10 | 6 X 48 | 16m.16 | 1중30 | 3≈54 | 18≈29 | 7 X 41 |
| 57S | 14m.16 | 0중50 | 3≈28 | 17≈30 | 6 X 04 | 15 m 30 | 1344 | 4≈08 | 18≈14 | 6 X 57 | 16m.43 | 2중38 | 4≈48 | 18≈58 | 7 ∺ 50 |
| 58S | 14 m 44 | 2중04 | 4≈25 | 18≈01 | 6 ¥ 15 | 15 m 58 | 2중57 | 5≈04 | 18≈45 | 7 ∺ 07 | 17m12 | 3중50 | 5≈43 | 19≈28 | 7 X 59 |
| 59S | 15 m 14 | 3중24 | 5≈24 | 18≈34 | 6 ∺ 25 | 16m30 | 4중16 | 6≈02 | 19≈17 | 7 ∺ 17 | 17m44 | 5중08 | 6≈40 | 20≈00 | 8 X 09 |
| 60S | 15 m 48 | 4궁49 | 6≈25 | 19≈07 | 6 ∺ 36 | 17m04 | 5ਰ41 | 7≈02 | 19≈50 | 7 ∺ 28 | 18m.19 | 6 ප 31 | 7≈39 | 20≈32 | 8 X 19 |
| 61S | 16m.25 | 6중23 | 7≈28 | 19≈42 | 6 × 48 | 17 m. 42 | 7중13 | 8≈04 | 20≈24 | 7 X 39 | 18 m. 58 | 8302 | 8≈40 | 21≈06 | 8 X 30 |
| 62S | 17m.07 | 8중04 | 8≈33 | 20≈19 20≈57 | 7 ¥ 00 | 18 m. 25 | 8 공 52 | 9≈08 | 21≈00 21≈37 | 7 X 51 | 19 m. 42 | 9 궁 40 | 9≈44 10≈49 | 21≈41 | 8 X 41 |
| 63S 64S | 17m.54 18m.47 | 9 궁 55 | 9≈41 10≈51 | 20≈57 21≈37 | 7 X 13 7 X 27 | 19 m. 13 20 m. 08 | 10중41 12중41 | 10≈15 11≈24 | 21≈37 22≈16 | 8 X 03 8 X 16 | 20 m. 32 21 m. 29 | 11중27 13중24 | 10≈49 11≈57 | 22≈17 22≈56 | 8 X 53 9 X 06 |
| | | | | 21≈37 22≈19 | | 21 m. 13 | 14353 | | 22≈10 22≈57 | | 22 m. 36 | 15833 | | 23≈36 | 9 X 19 |
| 65S 66S | 19 m. 50 21 m. 05 | 14궁13 16궁43 | 12≈03 13≈18 | 22≈19 23≈02 | 7 X 41 7 X 56 | 21 IIL 13 22 m 31 | 14 6 33 | 12≈35 13≈49 | 22≈57 23≈40 | 8 X 30 8 X 45 | 22 IL 36 23 IL 57 | 13 6 33 | 13≈07 14≈20 | 23≈36 24≈18 | 9 X 19 |
| pc | 21 m 55 | 18중14 | 14≈02 | 23≈02 23≈28 | 8 × 05 | 23 m 24 | 18348 | 14≈32 | 24≈05 | 8 X 53 | 24 m 52 | 19822 | 15≈02 | 24≈42 | 9×41 |
| F | | | | - - | | 2 . | | | - 00 | 222200 | 2 | | | | |

| | Sid.Tir MC: | | 24m A 32'07 | RMC: 1 | 86°00' | Sid.Tir MC: | | 28m A 7'21 | RMC: 1 | 87°00' | Sid.Tir MC: | ne: 12h: 8 <u>១</u> 4 | 32m A 2'32 | RMC: 1 | 88°00' |
|------------|----------------------|---|----------------------------------|------------------|--|----------------------|--------------------------------|----------------------------------|----------------|--|----------------------|----------------------------------|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 8 m 22 | 7 <i>≱</i> 146 | 5중30 | 3≈41 | 4 ₩ 06 | 9 m. 23 | 8 z 43 | 6325 | 4≈39 | 5 X 10 | 10m.24 | 9 ₹ 39 | 7云20 | 5≈38 | 6 ∺ 13 |
| 1S | 8m27 | 8 🗷 01 | 5정54 | 3≈54 | 4 × 10 | 9 m 29 | 8 7 58 | 6정49 | 4≈52 | 5 X 13 | 10m.30 | 9 🗷 54 | 7중44 | 5≈51 | 6 X 17 |
| 2S | 8m33 | 8 🗷 16 | 6중17 | 4≈08 | 4 × 14 | 9 m 34 | 9 🗷 13 | 7중13 | 5≈06 | 5 X 17 | 10m.35 | 10 7 09 | 8중08 | 6≈04 | 6 X 20 |
| 3S 4S | 8m.38 8m.43 | 8 \$\alpha 31 \\ 8 \$\alpha 47 | 6 궁 41 7 궁 05 | 4≈21 4≈35 | 4 X 17 4 X 21 | 9 m 39 9 m 45 | 9 ₹ 28 9 ₹ 43 | 7 궁 36 8 궁 00 | 5≈19 5≈32 | 5 × 21 5 × 24 | 10m.41 10m.46 | 10 ₹25 10 ₹40 | 8 군 31 8 군 55 | 6≈17 6≈30 | 6 X 24 |
| 5S | 8 m. 48 | 9 🗷 02 | 7 日 29 | 4≈48 | 4 ¥ 25 | 9 m. 50 | 9,7159 | 8중24 | 5≈46 | 5 X 28 | 10 m. 52 | 10 × 55 | 9 궁 19 | 6≈43 | 6 X 31 |
| 6S | 8 m 54 | 9 \$7.02 | 7853 | 5≈01 | 4 X 23 | 9 m 56 | 10×14 | 8 3 47 | 5≈40 5≈59 | 5 X 31 | 10 m 58 | 11 \$7 11 | 9 3 19 | 6≈57 | 6 X 34 |
| 7S | 8m.59 | 9 ₹ 33 | 8중16 | 5≈15 | 4 ¥ 32 | 10m.01 | 10 ₹ 30 | 9궁11 | 6≈12 | 5 X 35 | 11 m.03 | 11 ₹ 27 | 10궁06 | 7≈10 | 6 ∺ 37 |
| 8S | 9m05 | 9 ₹ 48 | 8중40 | 5≈28 | 4 ∺ 36 | 10m.07 | 10 ₹ 45 | 9중35 | 6≈25 | 5 X 38 | 11 m 09 | 11 ₹ 42 | 10중30 | 7≈23 | 6 ∺ 41 |
| 9S | 9m10 | 10 ₮ 04 | 9 る 04 | 5≈41 | 4 ¥ 40 | 10 m 13 | 11 ₹ 01 | 9궁59 | 6≈38 | 5 X 42 | 11 m 15 | 11 ₹ 58 | 10중53 | 7≈36 | 6 ₹ 44 |
| 10S | 9m16 | 10 ₹ 20 | 9궁28 | 5≈55 | 4 ¥ 43 | 10 m 18 | 11 z 17 | 10중23 | 6≈52 | 5 ¥ 45 | 11 m 20 | 12 ₹ 14 | 11궁17 | 7≈49 | 6 ₩48 |
| 118 | 9m21 | 10 7 36 | 9 궁 52 | 6≈08 | 4 × 47 | 10 m. 24 | 11 7 33 | 10궁47 | 7≈05 | 5 X 49 | 11 m. 26 | 12 7 30 | 11341 | 8≈02 0 15 | 6¥51 |
| 12S 13S | 9m27 9m33 | 10 \$\times 52\$ \(\pi \) 11 \$\times 08\$ | 10궁17 10궁41 | 6≈21 6≈35 | 4 X 51 4 X 54 | 10 m. 30 10 m. 36 | 11 ₹ 49 12 ₹ 06 | 11중11 11중35 | 7≈18 7≈31 | 5 X 52 5 X 56 | 11 m. 32 11 m. 38 | 12 × 47 13 × 03 | 12 る 05 12 る 29 | 8≈15 8≈28 | 6 X 54 |
| 14S | 9m39 | 11 🗷 25 | 11중05 | 6≈48 | 4 X 58 | 10 m 42 | 12 \$\square 00 | 12중00 | 7≈44 | 6¥00 | 11 m 44 | 13 \$\sigma 20 | 12 3 27 | 8 ≈ 41 | 7¥01 |
| 15S | 9m.45 | 11 🗷 42 | 11중30 | 7≈02 | 5 ¥ 02 | 10 m.48 | 12 ~ 39 | 12중24 | 7≈58 | 6 X 03 | 11 m.50 | 13 ~ 37 | 13중18 | 8≈54 | 7 ₩ 05 |
| 16S | 9m.51 | 11 7 59 | 11공55 | 7≈02 7≈15 | 5 × 05 | 10 m 54 | 12 \$7 56 | 12849 | 8≈11 | 6 X 07 | 11 m 57 | 13 \$ 54 | 13~343 | 9≈07 | 7 X 08 |
| 17S | 9m57 | 12 ₹ 16 | 12る20 | 7≈29 | 5 X 09 | 11 m 00 | 13 द्र⁴ 14 | 13ਰ14 | 8≈24 | 6 | 12 m 03 | 14 ₹ 11 | 14궁07 | 9≈20 | 7 |
| 18S | 10m.03 | 12 7 34 | 12845 | 7≈42 | 5 ¥ 13 | 11 m.06 | 13 7 31 | 13중39 | 8≈38 | 6 X 14 | 12m.09 | 14 7 29 | 14중32 | 9≈33 | 7 |
| 19S | 10m.09 | 12 ₹ 51 | 13중10 | 7≈56 | 5 X 17 | 11 m 13 | 13 ₹ 49 | 14궁04 | 8≈51 | 6 ₩ 18 | 12 m. 16 | 14 ₹ 46 | 14궁57 | 9≈47 | 7 ∺ 19 |
| 20S | 10m.15 | 13 🗷 09 | 13중36 | 8≈10 8 24 | 5 X 21 | 11 m 19 | 14 7 07 | 14궁29 | 9≈05 | 6¥21 | 12 m 22 | 15×05 | 15323 | 10≈00 | 7 ¥ 22 |
| 21S 22S | 10m.22 10m.29 | 13 ₹ 28 13 ₹ 46 | 14궁02 14궁28 | 8≈24 8≈38 | 5 + 2 5 5 + 2 8 | 11 m. 26 11 m. 32 | 14 x 25 14 x 44 | 14궁55 15궁21 | 9≈19 9≈32 | 6 X 25 6 X 29 | 12 m. 29 12 m. 36 | 15 x 23 15 x 42 | 15 공 48 16 공 14 | 10≈14 10≈27 | 7¥26 7¥29 |
| 23S | 10 m 35 | 14 \$\tilde{x}\$ 05 | 14 공 54 | 8≈52 | 5 X 32 | 11 m 39 | 15 \$\sigma 03\$ | 15 3 47 | 9≈46 | 6 X 33 | 12 m 43 | 16 \$701 | 16중40 | 10≈27 | 7 X 33 |
| 24S | 10m42 | 14 ₹ 25 | 15ਰ21 | 9≈06 | 5 ∺ 36 | 11 m 46 | 15 ₹ 23 | 16중13 | 10≈00 | 6 | 12 m 50 | 16 ₹ 20 | 17중06 | 10≈55 | 7 ∺ 37 |
| 25S | 10m.49 | 14 ~ 44 | 15궁47 | 9≈20 | 5 X 40 | 11 m.53 | 15 <i>₹</i> 42 | 16궁40 | 10≈14 | 6 X 40 | 12m.57 | 16×40 | 17る32 | 11≈09 | 7 ∺ 40 |
| 26S | 10m56 | 15 ₹ 05 | 16궁15 | 9≈35 | 5 X 44 | 12 m 01 | 16 ₹ 03 | 17중07 | 10≈29 | 6 | 13 m 05 | 17 ≠ 00 | 17る59 | 11≈23 | 7 ∺ 44 |
| 27S | 11m.04 | 15 🗷 25 | 16342 | 9≈49 | 5 X 49 | 12 m 08 | 16 ₹ 23 | 17중34 | 10≈43 | 6 X 48 | 13 m 13 | 17 7 21 | 18326 | 11≈37 | 7 X 48 |
| 28S 29S | 11m.11 11m.19 | 15 ₹ 46 16 ₹ 08 | 17 る 10 17 る 38 | 10≈04 10≈19 | 5 X 53 5 X 57 | 12 m 16 12 m 24 | 16 ₹ 44 17 ₹ 06 | 18 궁 02 18 궁 30 | 10≈58 11≈13 | 6 X 52 6 X 56 | 13 m.20 13 m.28 | 17 \$\squad 42 \\ 18 \squad 04 | 18궁54 19궁22 | 11≈52 12≈06 | 7 X 52 7 X 56 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 11 m.27 11 m.35 | 16 x 30 16 x 53 | 18 궁 07 18 궁 36 | 10≈34 10≈50 | 6 ¥ 01 6 ¥ 06 | 12 m 32 12 m 40 | 17∡28 17∡51 | 18 る 59 19 る 27 | 11≈27 11≈43 | 7 X 00 7 X 05 | 13 m. 37 13 m. 45 | 18 ₹ 26 18 ₹ 48 | 19궁50 20궁19 | 12≈21 12≈36 | 8 ¥ 00 8 ¥ 04 |
| 32S | 11 m. 43 | 17 × 16 | 19 궁 06 | 11≈05 | 6 × 10 | 12 m 49 | 18 × 14 | 19 3 57 | 11≈58 | 7 X 09 | 13 m 54 | 19 \$7 11 | 20정48 | 12≈51 | 8 X 08 |
| 33S | 11 m 52 | 17 ₹ 40 | 19중36 | 11≈21 | 6 ₩15 | 12 m 57 | 18 ₹ 38 | 20궁27 | 12≈14 | 7 ∺ 13 | 14m.03 | 19 ₹ 35 | 21궁17 | 13≈06 | 8 ₩ 12 |
| 34S | 12m01 | 18 ₺ 04 | 20중06 | 11≈37 | 6 ∺ 19 | 13 m 06 | 19 ₮ 02 | 20궁57 | 12≈29 | 7 X 18 | 14m.12 | 20 ₮ 00 | 21중47 | 13≈22 | 8 X 16 |
| 35S | 12 m 10 | 18 ₹ 29 | 20궁37 | 11≈53 | 6 ∺ 24 | 13 m 16 | 19∡27 | 21중28 | 12≈45 | 7 ∺ 22 | 14m21 | 20 ₹ 25 | 22중18 | 13≈38 | 8 X 20 |
| 36S | 12m19 | 18 🗷 55 | 21궁09 | 12≈10 | 6¥29 | 13 m. 25 | 19 \$7 53 | 21궁59 | 13≈02 | 7 X 27 | 14m.31 | 20 🗷 51 | 22349 | 13≈54 | 8 X 25 |
| 37S 38S | 12 m. 29 12 m. 39 | 19 x 22 19 x 50 | 21중41 22중14 | 12≈27 12≈44 | 6 X 33 6 X 38 | 13 m. 35 13 m. 45 | 20 ₹ 20 20 ₹ 48 | 22중31 23중03 | 13≈18 13≈35 | 7 X 31 7 X 36 | 14m.41 14m.51 | 21 × 18 21 × 45 | 23중20 23중52 | 14≈10 14≈27 | 8 X 29 8 X 34 |
| 39S | 12 m 49 | 20 🗷 18 | 22347 | 13≈01 | 6 X 43 | 13 m 56 | 21 🗷 16 | 23 중 36 | 13≈53 | 7 X 41 | 15 m 02 | 22 🗷 14 | 24 공 25 | 14≈44 | 8 X 38 |
| 40S | 13 m.00 | 20 ₹ 48 | 23중21 | 13≈19 | 6¥48 | 14m.07 | 21 🗷 46 | 24중10 | 14≈10 | 7 X 46 | 15 m 13 | 22 🗷 43 | 24궁59 | 15≈01 | 8 X 43 |
| 41S | 13 m 11 | 21 🗷 19 | 23중56 | 13≈37 | 6 X 54 | 14 m 18 | 22 🗷 16 | 24345 | 14≈28 | 7 X 51 | 15 m 25 | 23 🗷 14 | 25중33 | 15≈19 | 8 X 48 |
| 42S | 13 m 23 | 21 ∡ 50 | 24궁32 | 13≈56 | 6 ∺ 59 | 14m30 | 22 ∡ 48 | 25궁20 | 14≈46 | 7 ∺ 56 | 15m37 | 23 ∡ 45 | 26궁08 | 15≈37 | 8 X 53 |
| 43S | 13 m 35 | 22 🗷 23 | 25중08 | 14≈15 | 7 X 05 | 14 m. 43 | 23 🗷 21 | 25중56 | 15≈05 | 8 X 01 | 15 m 50 | 24 🗷 18 | 26중43 | 15≈55 | 8 X 58 |
| 44S | 13 m.48 | 22 🗷 58 | 25345 | 14≈35 | 7 × 10 | 14 m 56 | 23 🗷 55 | 26중32 | 15≈24 | 8 X 07 | 16m.03 | 24 🗷 52 | 27319 | 16≈14 | 9¥03 |
| 45S 46S | 14m.01 14m.15 | 23 × 33 24 × 11 | 26 궁 23 27 궁 02 | 14≈55 15≈15 | 7 ¥ 16 7 ¥ 22 | 15 m 09 15 m 24 | 24 × 31 25 × 08 | 27 る 10 27 る 49 | 15≈44 16≈04 | 8 X 12 8 X 18 | 16m.17 16m.31 | 25 ₹ 27 26 ₹ 04 | 27る57 28る35 | 16≈33 16≈53 | 9 X 09 9 X 14 |
| 40S 47S | 14 m 30 | 24 x 11 24 z 50 | 27 8 02 27 중 42 | 15≈15 | 7 X 22 | 15 m 39 | 25 x 47 | 28 공 28 | 16≈04 | 8 X 24 | 16m.47 | 26 × 43 | 29중14 | 17≈13 | 9 X 14 |
| 48S | 14m46 | 25 ₹ 30 | 28중23 | 15≈57 | 7 ∺ 35 | 15 m 54 | 26 ₹ 27 | 29궁09 | 16≈46 | 8 ∺ 30 | 17m03 | 27 ₹ 23 | 29궁54 | 17≈34 | 9 ¥ 26 |
| 49S | 15 m 02 | 26 ₮ 13 | 29궁05 | 16≈19 | 7 ∺ 41 | 16m.11 | 27 ₮ 10 | 29궁50 | 17≈07 | 8 X 36 | 17m.19 | 28 ∡ 06 | 0≈35 | 17≈55 | 9 ₩ 32 |
| 50S | 15 m 19 | 26 ₹ 58 | 29궁49 | 16≈42 | 7 ∺ 48 | 16m28 | 27 ₹ 54 | 0≈33 | 17≈30 | 8 X 43 | 17m37 | 28 ₹ 50 | 1≈17 | 18≈17 | 9 + 38 |
| 51S | 15 m 37 | 27 🗷 45 | 0≈33 | 17≈06 | 7 X 55 | 16m47 | 28 🗷 41 | 1≈16 201 | 17≈53 | 8 X 49 | 17m.56 | 29 🗷 36 | 2≈00 2×44 | 18≈40 | 9 X 44 |
| 52S 53S | 15 m. 56 16 m. 17 | 28 ₹ 35 29 ₹ 27 | 1≈18 2≈05 | 17≈30 17≈54 | 8 ¥ 02 8 ¥ 09 | 17m07 17m27 | 29 ₹30 0 ₹22 | 2≈01 2≈48 | 18≈16 18≈41 | 8 X 56 9 X 04 | 18m.16 18m.37 | 0중25 1중17 | 2≈44 3≈30 | 19≈03 19≈27 | 9 X 51 9 X 58 |
| 54S | 16m.39 | 0중23 | 2≈54 | 18≈20 | 8 X 17 | 17 m 50 | 1317 | 3≈35 | 19≈06 | 9×11 | 19 m. 00 | 2812 | 4≈17 | 19≈51 | 10 × 05 |
| 55S | 17m.03 | 1중22 | 3≈43 | 18≈47 | 8 X 25 | 18 m. 14 | 2중16 | 4≈24 | 19≈32 | 9 X 19 | 19m.25 | 3중09 | 5≈05 | 20≈17 | 10 X 12 |
| 56S | 17m28 | 2824 | 4≈34 | 19≈14 | 8 X 34 | 18 m. 40 | 3중18 | 5≈15 | 19≈59 | 9 X 27 | 19m.51 | 4중11 | 5≈55 | 20≈43 | 10 × 20 |
| 57S | 17m.56 | 3중31 | 5≈27 | 19≈42 | 8 X 42 | 19 m 08 | 4중24 | 6≈07 | 20≈27 | 9 ¥ 35 | 20 m 20 | 5궁16 | 6≈46 | 21≈11 | 10 € 28 |
| 58S 59S | 18m.26 18m.58 | 4정43 5정59 | 6≈22 7≈18 | 20≈12 20≈42 | 8 X 51 9 X 01 | 19 m. 39 20 m. 12 | 5 3 5 6 3 50 | 7≈01 7≈56 | 20≈55 21≈25 | 9 X 44 9 X 53 | 20 m. 51 21 m. 25 | 6 3 26 7 3 41 | 7≈39 8≈34 | 21≈39 22≈08 | 10 ¥ 36 10 ¥ 45 |
| - 1 | | | | | | l . | | | | | | | | | |
| 60S 61S | 19m34 20m14 | 7중22 8중51 | 8≈16 9≈16 | 21≈14 21≈47 | 9¥11 9¥21 | 20 m.49 21 m.29 | 8 중 11 9 중 39 | 8≈53 9≈53 | 21≈57 22≈29 | 10 X 02 10 X 12 | 22 m. 02 22 m. 44 | 9 궁 01 10 궁 27 | 9≈30 10≈29 | 22≈39 23≈11 | 10 × 54 11 × 03 |
| 62S | 20m.59 | 10중27 | 10≈19 | 22≈22 | 9 X 32 | 22 m 15 | 11궁14 | 10≈54 | 23≈03 | 10 X 12 | 23 m 31 | 12300 | 11≈29 | 23≈44 | 11 X 13 |
| 63S | 21 m 50 | 12중12 | 11≈23 | 22≈58 | 9 X 43 | 23 m 07 | 12중57 | 11≈57 | 23≈38 | 10 ¥ 34 | 24 m 24 | 13842 | 12≈31 | 24≈18 | 11 ¥ 24 |
| 64S | 22 m 48 | 14중07 | 12≈30 | 23≈35 | 9 X 55 | 24 m 07 | 14궁50 | 13≈03 | 24≈15 | 10 ¥ 45 | 25 m 26 | 15중32 | 13≈36 | 24≈54 | 11 X 35 |
| 65S | 23 m 57 | 16중13 | 13≈39 | 24≈14 | 10 ¥ 08 | 25 m 19 | 16궁53 | 14≈11 | 24≈53 | 10 ¥ 57 | 26m39 | 17중32 | 14≈43 | 25≈32 | 11 X 46 |
| 66S | 25 m 22 | 18332 | 14≈51 | 24≈55 25 - 10 | 10 × 22 | 26 m 46 | 19308 | 15≈21 1602 | 25≈33 25×56 | 11 X 10 | 28 m 10 | 19844 | 15≈52 | 26≈11 2624 | 11 X 59 |
| pc | 26m19 | 19중56 | 15≈32 | 25≈19 | 10 ¥ 29 | 27 m 47 | 20중29 | 16≈02 | 25≈56 | 11 X 18 | 29 m 14 | 21중03 | 16≈32 | 26≈34 | 12 X 06 |

| | Sid.Tir MC: | | 36m A 7'40 | RMC: 1 | 89°00' | Sid.Tir MC: | | 40m A 52'44 | RMC: 1 | .90°00' | Sid.Tit MC: | | 44m A 57'43 | RMC: 1 | 91°00' |
|------------|----------------------|---------------------------------|----------------------------------|----------------|--|----------------------|----------------------------------|----------------------------------|----------------|--|----------------------|--------------------------------|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 11 m 25 | 10∡35 | 8중16 | 6≈36 | 7 | 12 m 26 | 11 ₹ 32 | 9 ਰ 11 | 7≈35 | 8¥21 | 13 m 27 | 12 ₹ 28 | 10궁06 | 8≈34 | 9 ₩ 25 |
| 18 | 11 m 31 | 10 🗷 51 | 8중39 | 6≈49 | 7¥21 | 12 m 32 | 11 🗷 47 | 9중34 | 7≈48 | 8 X 24 | 13 m. 33 | 12 🗷 43 | 10중30 | 8≈47 | 9 X 28 |
| 2S 3S | 11m.37 | 11 7 06 | 9중03 | 7≈02 | 7 × 24 | 12 m 38 | 12 7 02 | 9 궁 58 | 8≈01 | 8 X 27 | 13 m. 38 | 12 7 58 | 10공53 | 9≈00 012 | 9 X 31 |
| 4S | 11 m.42 11 m.48 | 11 ₹21 11 ₹37 | 9 궁 26 9 궁 50 | 7≈15 7≈28 | 7 ¥ 27 7 ¥ 30 | 12 m. 43 12 m. 49 | 12 ₹ 17 12 ₹ 33 | 10중22 10중45 | 8≈14 8≈27 | 8 X 31 8 X 34 | 13 m.44 13 m.50 | 13 ₹ 14 13 ₹ 29 | 11317 11340 | 9≈12 9≈25 | 9 ** 34 9 ** 37 |
| 5S | 11 m 53 | 11 🗷 52 | 10중14 | 7 ≈ 41 | 7 ∺ 34 | 12 m 55 | 12 🗸 48 | 11309 | 8≈39 | 8 X 37 | 13 m. 56 | 13 × 45 | 12중04 | 9≈38 | 9 X 40 |
| 6S | 11 m 59 | 11 x·32 | 10중14 | 7≈41 7≈54 | 7 X 34 | 13 m 01 | 12 x 46 | 11중32 | 8≈52 | 8 X 40 | 14m.02 | 14 \$\tilde{x}^1 01 | 12804 | 9≈50 | 9 X 43 |
| 7S | 12m.05 | 12 ₹ 23 | 11중01 | 8≈07 | 7 ¥ 40 | 13 m.06 | 13 ₹ 20 | 11궁56 | 9≈05 | 8 X 43 | 14m.08 | 14×16 | 12궁50 | 10≈03 | 9¥46 |
| 8S | 12m11 | 12∡39 | 11궁24 | 8≈20 | 7 ¥ 43 | 13 m 12 | 13 ₹ 36 | 12중19 | 9≈18 | 8 X 46 | 14m.14 | 14 ₹ 32 | 13중14 | 10≈15 | 9 ¥ 49 |
| 9S | 12m17 | 12 ₹ 55 | 11중48 | 8≈33 | 7 X 47 | 13 m 18 | 13 ₹ 52 | 12중43 | 9≈30 | 8 X 49 | 14m20 | 14 ₹ 48 | 13중37 | 10≈28 | 9 X 52 |
| 10S | 12 m 22 | 13 🗷 11 | 12중12 | 8≈46 | 7 ∺ 50 | 13 m.24 | 14 ₹ 08 | 13중06 | 9≈43 | 8 ¥ 52 | 14m26 | 15 ₹ 04 | 14궁01 | 10≈40 | 9 ₩ 55 |
| 118 | 12 m 24 | 13 🗷 27 | 12336 | 8≈59 0 11 | 7 X 53 | 13 m 30 | 14 7 24 | 13궁30 | 9≈56 | 8 X 56 | 14m.32 | 15 7 21 | 14325 | 10≈53 | 9 X 58 |
| 12S 13S | 12m34 12m41 | 13 ₹ 44 14 ₹ 00 | 13号00 13号24 | 9≈11 9≈24 | 7 X 56 8 X 00 | 13 m. 36 13 m. 43 | 14 ₹ 40 14 ₹ 57 | 13 궁 54 14 궁 18 | 10≈08 10≈21 | 8 X 59 9 X 02 | 14 m. 38 14 m. 45 | 15 ₹37 15 ₹54 | 14궁48 15궁12 | 11≈05 11≈18 | 10 × 01 10 × 04 |
| 14S | 12 m 47 | 14 🗷 17 | 13824 | 9≈37 | 8 X 03 | 13 m 49 | 15 \$\sigma 14 | 14 공 42 | 10≈34 | 9 X 05 | 14m.51 | 16 \$7 11 | 15 3 36 | 11≈30 | 10 × 07 |
| 15S | 12 m.53 | 14 <i>≱</i> 134 | 14중12 | 9≈50 | 8 ¥ 06 | 13 m.55 | 15 <i>≱</i> 31 | 15중06 | 10≈47 | 9 X 08 | 14m.57 | 16 ₹ 28 | 16궁00 | 11≈43 | 10¥10 |
| 16S | 12 m 59 | 14 \$7 51 | 14중37 | 10≈03 | 8 X 10 | 14 m. 02 | 15 🗷 48 | 15중30 | 10≈59 | 9×11 | 15m.04 | 16 × 45 | 16중24 | 11≈56 | 10 × 13 |
| 17S | 13 m 06 | 15 ≉ 08 | 15중01 | 10≈16 | 8 X 13 | 14 m 08 | 16 ₹ 05 | 15중55 | 11≈12 | 9 | 15 m 11 | 17 ≠ 02 | 16중48 | 12≈08 | 10 ¥ 16 |
| 18S | 13 m 12 | 15 7 26 | 15326 | 10≈29 | 8 X 16 | 14 m 15 | 16 🗷 23 | 16궁19 | 11≈25 | 9 X 18 | 15 m 17 | 17×20 | 17중13 | 12≈21 | 10 × 19 |
| 19S | 13 m 19 | 15 ₹ 44 | 15중51 | 10≈42 | 8 ¥ 20 | 14 m.22 | 16∡41 | 16중44 | 11≈38 | 9 ₩ 21 | 15 m. 24 | 17∡738 | 17중38 | 12≈34 | 10 ₩ 22 |
| 20S | 13 m. 26 | 16 7 02 | 16궁16 | 10≈56 | 8 X 23 | 14 m 28 | 16 🗷 59 | 17궁09 | 11≈51 | 9 X 24 | 15 m 31 | 17×756 | 18 る 02 | 12≈47 | 10 × 25 |
| 21S 22S | 13 m.32 13 m.39 | 16 ₹ 20 16 ₹ 39 | 16중41 17중07 | 11≈09 11≈22 | 8 X 27 8 X 30 | 14 m 35 14 m 43 | 17∡18 17∡36 | 17 る 34 18 る 00 | 12≈04 12≈17 | 9 X 27 9 X 31 | 15 m. 38 15 m. 45 | 18 x 15 | 18 궁 27 18 궁 53 | 13≈00 13≈13 | 10 ¥ 28 10 ¥ 32 |
| 23S | 13 m. 47 | 16 🗷 58 | 17 당 33 | 11≈22 | 8 X 33 | 14 m 50 | 17×55 | 18 공 25 | 12≈31 | 9 X 34 | 15 m 53 | 18 × 52 | 19중18 | 13≈26 | 10 × 35 |
| 24S | 13 m 54 | 17∡18 | 17る59 | 11≈50 | 8 ∺ 37 | 14m.57 | 18 ₹ 15 | 18궁51 | 12≈44 | 9 ¥ 37 | 16m.00 | 19 ₹ 12 | 19ਰ44 | 13≈39 | 10 ¥ 38 |
| 25S | 14m.01 | 17 <i>≱</i> 38 | 18궁25 | 12≈03 | 8 ¥ 41 | 15 m 05 | 18 ₹ 35 | 19궁17 | 12≈58 | 9 ¥ 41 | 16m.08 | 19 ₹ 32 | 20궁10 | 13≈52 | 10¥41 |
| 26S | 14m09 | 17∡758 | 18궁52 | 12≈17 | 8 X 44 | 15 m 12 | 18 ₹ 55 | 19궁44 | 13≈11 | 9 | 16m16 | 19 ₹ 52 | 20중36 | 14≈06 | 10 ★ 44 |
| 27S | 14m17 | 18 7 18 | 19궁18 | 12≈31 | 8 X 48 | 15 m. 20 | 19 🗷 16 | 20중10 | 13≈25 | 9 X 48 | 16m.24 | 20 7 13 | 21중02 | 14≈19 | 10 × 48 |
| 28S 29S | 14m.25 14m.33 | 18 ₹ 39 19 ₹ 01 | 19 궁 46 20 궁 13 | 12≈45 13≈00 | 8 X 51 8 X 55 | 15 m. 28 15 m. 37 | 19 ₹ 37 19 ₹ 58 | 20중38 21중05 | 13≈39 13≈53 | 9 X 51 9 X 55 | 16m.32 16m.40 | 20 x 34 20 x 55 | 21궁29 21궁56 | 14≈33 14≈47 | 10 X 51 10 X 54 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 14m.41 14m.50 | 19 ₹ 23 19 ₹ 46 | 20중41 21중10 | 13≈14 13≈29 | 8 X 59 9 X 03 | 15 m 45 15 m 54 | 20 x 20 20 x 43 | 21중33 22중01 | 14≈08 14≈22 | 9 X 58 10 X 02 | 16m.49 16m.58 | 21 × 17 21 × 40 | 22궁24 22궁52 | 15≈01 15≈15 | 10 X 58 |
| 32S | 14m.58 | 20 \$\square 09\$ | 21 중39 | 13≈44 | 9 X 07 | 16 m 03 | 21 🗷 06 | 22 궁 29 | 14≈37 | 10 × 06 | 17m.07 | 22 × 03 | 23 궁 20 | 15≈30 | 11 X 05 |
| 33S | 15m07 | 20 ≉ 33 | 22중08 | 13≈59 | 9 11 | 16m.12 | 21 ₮ 30 | 22중58 | 14≈52 | 10 ∺ 10 | 17m.16 | 22 ₹ 27 | 23349 | 15≈44 | 11 X 09 |
| 34S | 15m17 | 20 ₮ 57 | 22중38 | 14≈14 | 9 X 15 | 16m21 | 21 ₹ 54 | 23중28 | 15≈07 | 10 X 13 | 17m26 | 22 ₹ 51 | 24궁18 | 15≈59 | 11 X 12 |
| 35S | 15 m 26 | 21 ₹ 22 | 23중08 | 14≈30 | 9 ¥ 19 | 16m31 | 22 ₮ 19 | 23궁58 | 15≈22 | 10 X 17 | 17m36 | 23 ∡ 16 | 24궁48 | 16≈14 | 11 X 16 |
| 36S | 15m36 | 21 🗷 48 | 23중38 | 14≈46 | 9 ** 23 | 16m.41 | 22 🗷 45 | 24 궁 28 | 15≈38 | 10 × 21 | 17m.46 | 23 🗷 42 | 25중18 | 16≈30 | 11 ¥ 20 |
| 37S 38S | 15 m. 47 15 m. 57 | 22 ∡ 15 22 ∡ 42 | 24궁10 24궁42 | 15≈02 15≈18 | 9 X 27 9 X 32 | 16 m. 52 17 m. 03 | 23 × 12 23 × 39 | 24궁59 25궁31 | 15≈53 16≈10 | 10 × 25 10 × 30 | 17m.57 18m.08 | 24 × 109 24 × 136 | 25 궁 48 26 궁 19 | 16≈45 17≈01 | 11 ** 24 11 ** 28 |
| 39S | 16m.08 | 23 🗷 11 | 25 중 14 | 15≈35 | 9 X 36 | 17 m 14 | 24 🗷 08 | 26중03 | 16≈26 | 10 × 34 | 18 m 19 | 25 🗷 04 | 26궁51 | 17≈17 | 11 X 32 |
| 408 | 16m.20 | 23 ∡ 40 | 25중47 | 15≈52 | 9 ¥ 41 | 17 m 25 | 24 × 37 | 26중35 | 16≈43 | 10 ¥ 38 | 18m.31 | 25 ₹ 33 | 27중24 | 17≈34 | 11 X 36 |
| 41S | 16m31 | 24 🗷 11 | 26중21 | 16≈09 | 9×45 | 17 m 37 | 25 🗷 07 | 27중09 | 17≈00 | 10 × 43 | 18m.43 | 26 🗷 04 | 27중57 | 17≈50 | 11 X 40 |
| 42S | 16m44 | 24 ∡ 42 | 26궁55 | 16≈27 | 9 ∺ 50 | 17 m 50 | 25 ₹ 39 | 27중43 | 17≈17 | 10 ¥ 47 | 18m.56 | 26 ₹ 35 | 28중30 | 18≈07 | 11 X 44 |
| 43S | 16m.57 | 25 7 15 | 27중30 | 16≈45 | 9 X 55 | 18 m. 03 | 26 🗷 11 | 28중17 | 17≈35 | 10 × 52 | 19m.09 | 27 🗷 07 | 29중05 | 18≈25 | 11 X 49 |
| 448 | 17m10 | 25 🗷 49 | 28중06 | 17≈03 | 10 ¥ 00 | 18m.17 | 26 🗷 45 | 28궁53 | 17≈53 | 10 × 57 | 19 m. 23 | 27 🗷 41 | 29340 | 18≈43 | 11 × 53 |
| 45S 46S | 17m24 17m39 | 26 ₹ 24 27 ₹ 01 | 28 궁 43 29 궁 21 | 17≈22 17≈42 | 10 ¥ 05 10 ¥ 10 | 18 m. 31 18 m. 46 | 27 x 20 27 x 57 | 29る29 0≈06 | 18≈12 18≈31 | 11 X 01 11 X 06 | 19m37 19m52 | 28 ∡ 16 28 ∡ 52 | 0≈15 0≈52 | 19≈01 19≈20 | 11 × 58 12 × 03 |
| 40S 47S | 17 m 54 | 27×101 27×39 | 29정21 | 17≈42 18≈02 | 10 X 10 | 19 m 02 | 28 × 35 | 0≈00 | 18≈50 | 11 X 00 | 20m.08 | 29 × 32 | 1≈30 | 19≈20 | 12 X 03 |
| 48S | 18m10 | 28 ₹ 19 | 0≈39 | 18≈22 | 10 ¥ 21 | 19 m 18 | 29 ₹ 15 | 1≈23 | 19≈10 | 11 X 17 | 20m25 | 0동10 | 2≈08 | 19≈58 | 12 ∺ 13 |
| 498 | 18m28 | 29 ₹ 01 | 1≈19 | 18≈43 | 10 ¥ 27 | 19 m 35 | 29 ₹ 56 | 2≈03 | 19≈31 | 11 ¥ 22 | 20m43 | 0중51 | 2≈48 | 20≈19 | 12 X 18 |
| 50S | 18m.46 | 29 ₹ 45 | 2≈01 | 19≈04 | 10 ¥ 33 | 19 m 54 | 0중40 | 2≈44 | 19≈52 | 11 ¥ 28 | 21 m.01 | 1중35 | 3≈28 | 20≈39 | 12 X 23 |
| 51S | 19m05 | 0중31 | 2≈43 | 19 ≈ 27 | 10 × 39 | 20 m 13 | 1326 | 3≈26 | 20≈14 20×26 | 11 X 34 | 21 m.21 | 2320 | 4≈10 4××52 | 21≈01 21×22 | 12 ¥ 29 |
| 52S 53S | 19m25 19m47 | 1중20 2중11 | 3≈27 4≈12 | 19≈49 20≈13 | 10 X 45 10 X 52 | 20 m. 34 20 m. 56 | 2정14 3정05 | 4≈10 4≈54 | 20≈36 20≈59 | 11 X 40 11 X 46 | 21 m.42 22 m.05 | 3 云 08 3 云 58 | 4≈52 5≈36 | 21≈23 21≈45 | 12 ¥ 34 12 ¥ 40 |
| 54S | 20 m 10 | 3 중 05 | 4≈58 | 20≈13 20≈37 | 10 × 59 | 21 m 20 | 3 ප 59 | 5≈40 | 21≈23 | 11 X 53 | 22 m 29 | 4 공 52 | 5≈30 6≈21 | 22≈08 | 12 X 47 |
| 55S | 20m35 | 4중03 | 5≈46 | 21≈02 | 11 X 06 | 21 m.45 | 4공55 | 6≈27 | 21≈47 | 11 X 59 | 22 m.54 | 5중48 | 7≈07 | 22≈33 | 12¥53 |
| 56S | 21 m 02 | 5중03 | 6≈35 | 21≈28 | 11 X 13 | 22 m 12 | 5중56 | 7≈15 | 22≈13 | 12 × 06 | 23 m 22 | 6847 | 7≈55 | 22≈57 | 13 × 00 |
| 57S | 21 m 31 | 6중08 | 7≈25 | 21≈55 | 11 X 21 | 22 m.42 | 6궁59 | 8≈05 | 22≈39 | 12 ¥ 14 | 23 m.52 | 7궁50 | 8≈44 | 23≈23 | 13 ¥ 06 |
| 58S | 22 m 03 | 7 3 17 | 8≈18 | 22≈23 22≈51 | 11 X 29 | 23 m 14 | 8 궁 07 | 8≈56 | 23≈06 23≈34 | 12 X 21 | 24 m 25 | 8 공 58 | 9≈35 | 23≈50 24≈17 | 13 X 14 |
| 598 | 22 m 37 | 8331 | 9≈12 | 22æ51 | 11 × 37 | 23 m.49 | 9중20 | 9≈49 | 23≈34 | 12 ¥ 29 | 25 m.01 | 10309 | 10≈27 | 24≈17 | 13 ¥ 21 |
| 60S 61S | 23 m.16 23 m.58 | 9 궁 50 11 궁 15 | 10≈07 11≈05 | 23≈21 23≈52 | 11 X 46 11 X 55 | 24 m. 28 25 m. 12 | 10중38 12중02 | 10≈44 11≈41 | 24≈04 24≈34 | 12 ¥ 37 12 ¥ 46 | 25 m. 40 26 m. 24 | 11중26 12중49 | 11≈21 12≈16 | 24≈46 25≈16 | 13 ¥ 29 13 ¥ 37 |
| 62S | 24 m 46 | 12346 | 11≈03 | 23≈32 24≈25 | 11 X 33 | 25 m 12 26 m 00 | 12 8 02 13 중 32 | 11≈41 | 24≈34 25≈06 | 12 X 46 | 2011L24 27 m 14 | 14317 | 12≈16 | 25≈10 | 13 X 37 |
| 63S | 25 m. 40 | 14326 | 13≈05 | 24≈58 | 12 X 14 | 26 m 56 | 15중09 | 13≈39 | 25≈39 | 13 × 04 | 28 m 11 | 15중53 | 14≈14 | 26≈19 | 13 X 55 |
| 64S | 26m44 | 16궁14 | 14≈09 | 25≈34 | 12 ¥ 25 | 28 m 01 | 16궁55 | 14≈42 | 26≈13 | 13 ¥ 14 | 29 m 17 | 17중37 | 15≈15 | 26≈53 | 14 X 04 |
| 65S | 27m59 | 18중12 | 15≈15 | 26≈10 | 12 ¥ 36 | 29 m 19 | 18중51 | 15≈47 | 26≈49 | 13 ¥ 25 | 0 ≉ 37 | 19중29 | 16≈19 | 27≈28 | 14 X 14 |
| 66S | 29 m 34 | 20중20 | 16≈23 | 26≈49 | 12 × 47 | 0 ₹ 56 | 20중56 | 16≈54 | 27≈27 | 13 ¥ 36 | 2 7 19 | 21332 | 17≈25 | 28≈05 | 14 × 25 |
| pc | 0 ₹ 40 | 21중37 | 17≈02 | 27≈11 | 12 X 54 | 2 ₹ 07 | 22311 | 17≈33 | 27≈49 | 13 💥 43 | 3 ₹ 33 | 22345 | 18≈03 | 28≈26 | 14 ¥ 31 |

| Section Color | 2'11 | C: 194°00' |
|--|---|-------------------------|
| Signate | Asc 2 | 3 |
| 18. | 12ਰ53 11≈ | 32 12 + 38 |
| 18 | 13ব16 11≈ | |
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| SS 148.57 14.44 12.559 10.636 10.444 158.57 15.873 13.554 11.841 11.847 168.58 16.833 1.868 158.03 14.857 13.522 13.625 13.621 13.645 11.601 10.449 168.10 15.873 14.547 11.845 178.04 17.705 18.85 158.15 15.879 14.509 14.505 18.85 11.801 10.455 168.05 16.879 14.540 11.859 11.855 178.07 17.705 18.85 158.15 15.879 14.509 14.555 18.821 11.825 10.855 10.855 10.855 16.875 15.503 12.825 11.845 178.23 17.827 18.855 17.827 18.855 17.827 18.855 18.835 158.15 158.27 12.823 11.845 178.23 18.835 18.835 158.24 12.835 18.835 18.835 158.24 12.835 18.835 1 | 14302 12∞ 14326 12≈ | |
| Section 14,855 13522 10,448 10,461 10,461 16,799 1456 11,465 17,405 17,405 17,405 18,81 18,115 15,829 14509 | 14 3 49 12≈ | |
| 18 | 14649 12≈ 15 6 12 12≈ | |
| Section 15 | 15♂35 12≈ | |
| 108 | 15♂58 13≈ | |
| 118 15m. 33 16m. 71 15m. 73 11m. 650 12m. 6 | 16ප22 13≈ | 21 13 X 01 |
| 128 15m.40 16.743 15643 12.403 11.403 10m.41 17.430 16.837 13.400 17.040 17.042 18.226 17.051 13.051 13.051 17.407 16.830 17.407 16.830 17.407 16.830 17.407 16.830 17.407 16.830 17.407 17.051 13.402 17.001 13.401 17.505 17.407 17.051 13.402 17.051 17.05 | 16ব45 13≈ | I |
| 138 15m.46 16.50 16.606 12.2415 11.406 16m.48 17.447 17.601 13.8412 12.409 17m.49 18.443 17.601 13.605 12.409 17m.49 18.443 17.601 13.605 12.401 17m.50 19.400 1.505 15m.59 17.401 17m.50 16m.54 18.404 17m.20 18.401 13.846 12.411 17m.50 18.401 13.846 12.411 17m.50 18.401 13.846 12.411 17m.50 18.401 13.846 12.411 17m.50 18.401 13.846 12.411 18m.00 19.411 17m.50 16m.54 13.846 12.411 13.846 12.411 18m.00 19.411 17m.50 18.401 13.846 12.411 18m.00 19.411 17m.50 18.401 13.846 12.411 18m.00 19.411 18m.00 19.411 18m.00 19.411 18m.00 19.411 18m.00 19.411 19.411 19.411 17m.20 19.411 19.400 14.841 12.412 18m.03 19.424 14.846 14.8 | 17 さ 08 13≈ 17 さ 31 13≈ | |
| 148 15m.55 | 17831 13≈ 17855 14≈ | I |
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| 188 16m 20 | 19306 14≈ | 45 13 ∺ 19 |
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| 20S 16m.34 18.853 18.856 13.842 11.1426 17m.36 19.49 19.849 14.838 12.1428 18m.38 20.846 21.815 16m.41 19.811 19.820 13.855 11.1429 17m.43 20.808 20.813 14.851 12.131 18m.38 21.842 12.804 22.825 16m.56 19.849 20.811 14.821 11.1435 17m.58 20.846 21.803 15.816 12.1433 18m.53 21.243 23.242 23.85 16m.56 19.849 20.811 14.821 11.1435 17m.58 20.846 21.820 15.829 12.1433 18m.53 21.823 22.802 22.825 23.83 17m.13 20.829 21.802 14.843 11.1438 18m.06 21.805 21.829 15.829 12.1433 19m.00 21.842 22.802 22.805 27.801 20.849 21.828 15.864 11.1438 18m.06 21.805 21.845 19.845 19m.10 22.842 22.842 22.845 22.845 19m.24 22.842 22.845 22.845 19m.24 22.842 22.845 19m.24 22.842 22.885 17m.35 21.831 22.821 15.845 11.1448 18m.30 22.840 22.846 16.868 12.1448 19m.16 22.842 22.835 17m.35 21.831 22.821 15.827 11.1451 18m.38 22.847 23.839 16.835 12.1451 19m.34 23.840 23.849 23.839 16.835 12.845 19m.24 22.842 23.839 16.835 12.845 19m.50 23.843 23.839 16.835 12.845 19m.50 23.845 23.839 16.835 12.845 13.840 20.849 24.870 23.845 23 | 19 ප 53 15≈ 20 ප 18 15≈ | |
| 21S 16m.44 19x31 19x20 13x55 11x29 17m.43 20x08 20x31 14x51 12x43 18m.45 21x04 22x3 23 16m.46 19x49 20x31 14x21 11x35 17m.51 20x27 20x38 15x03 12x33 19x33 21x33 22x3 22x3 17m.01 20x49 20x36 14x34 11x38 18m.06 21x05 21x39 15x29 12x39 19m.08 22x02 22x3 2x33 17m.11 20x49 20x30 21x32 2x33 2x34 2x34 2x342 2x343 2x33 2x342 | | |
| 228 16m.48 19x30 19x45 14x608 11x32 17m.51 20x77 20x38 15x03 12x43 18m.53 21x23 2 238 16m.56 19x49 20x31 14x21 11x35 17m.58 20x46 21x05 21x29 15x29 12x39 19m.00 21x42 2 248 17m.03 20x90 20x36 14x34 11x38 18m.06 21x05 21x29 15x29 15x29 19m.00 21x42 2 258 17m.11 20x29 21x02 14x47 11x42 18m.14 21x25 21x46 15x55 12x45 19m.24 22x42 2 258 17m.15 20x49 21x54 15x45 15x45 18m.27 22x66 22x66 22x66 12x48 19m.33 3x03 2 278 17m.77 21x10 21x54 15x45 11x54 18m.47 22x66 22x66 16x68 12x48 19m.33 3x03 2 288 17m.35 21x31 22x21 15x27 11x51 18m.38 22x27 23x12 16x21 12x51 19m.41 23x24 2 298 17m.44 21x52 22x48 15x41 11x54 18m.47 22x49 23x30 16x35 12x54 19m.50 23x45 2 298 17m.45 22x37 23x15 15x55 11x58 18m.56 23x11 24x06 16x38 12x54 19m.50 23x45 2 238 18m.10 22x37 23x43 16x39 12x60 19m.05 23x33 24x33 17x02 23x16 13x00 24x11 16x23 12x60 19m.14 23x56 25x01 17x16 13x04 20m.18 24x33 23x03 23x 18m.10 23x48 25x30 16x37 12x08 19m.24 24x40 25x38 17x46 13x10 20m.88 25x40 23x44 24x39 26x07 17x22 12x18 19m.50 25x35 25x35 17x46 13x10 20m.28 25x40 23x44 24x39 26x07 17x22 12x18 19m.50 25x35 26x56 18x14 13x17 20m.59 26x31 23x44 24x39 26x07 17x22 12x18 19m.50 26x37 17x22 12x18 19m.50 26x37 17x22 12x18 19m.50 26x37 17x22 12x18 19m.50 26x37 17x26 18x29 13x35 13x13 20m.48 20x00 23x44 23x30 23x14 23x30 23x14 23x30 23x14 23x30 23x14 23x30 23x14 23x30 23x34 23x30 23x34 23x30 23x3 | 20중42 15≈ 21중06 15≈ | |
| 248 | 21 3 31 15≈ | |
| 258 17m.11 20 \(\times 29 \) 21 \(\times 02 \) 14 \(\sim 47 \) 11 \(\times 42 \) 18m.14 21 \(\times 22 \) 21 \(\times 45 \) 15 \(\sim 45 \) 12 \(\times 45 \) 19m.24 22 \(\times 42 \) 22 \(\times 25 \) 17m.19 20 \(\times 49 \) 21 \(\times 28 \) 15 \(\sim 60 \) 11 \(\times 45 \) 18m.30 22 \(\times 06 \) 22 \(\times 66 \) 23 \ | 21궁56 16≈ | |
| 268 17m.19 20.#49 21.528 15.800 11.445 18m.22 21.#46 22.520 15.855 12.445 19m.24 22.#42 22.881 17m.25 21.#10 21.545 15.845 11.448 18m.30 22.#06 22.546 16.808 12.448 19m.34 23.#24 22.881 17m.35 21.#31 22.521 15.827 11.451 18m.38 22.#27 23.512 16.821 12.451 19m.41 23.#24 22.508 17m.44 21.#52 22.548 15.841 11.454 18m.47 22.#49 23.539 16.835 12.454 19m.50 23.#45 23.818 17m.25 22.#14 23.515 15.855 11.458 18m.47 22.#49 23.539 16.835 12.454 19m.50 23.#45 23.818 17m.25 22.#14 23.515 16.809 12.401 19m.05 23.#33 24.533 17.800 23.848 24.533 17.800 24.511 16.823 12.404 19m.14 23.#56 25.501 17.816 13.404 20m.18 24.#53 23.818 18m.20 23.#24 24.539 16.837 12.408 19m.24 24.#20 25.529 17.830 13.400 20m.28 22.#16 23.818 18m.30 23.#24 24.539 16.837 17.807 12.415 19m.44 25.#09 26.527 17.455 13.410 20m.38 25.#16 23.818 19m.01 25.#05 26.637 17.822 12.418 19m.55 25.#35 26.565 18.814 13.417 20m.59 26.#31 23.88 19m.12 25.#33 27.508 17.837 12.422 20m.06 26.#01 27.526 18.829 13.420 21m.10 26.#37 24.823 24.839 19m.12 25.#33 28.812 12.433 20m.17 26.#29 27.557 18.844 13.420 21m.10 26.#37 24.823 20.m15 28.#33 29.511 19.815 12.446 21.m20 28.#35 0.805 19.832 13.435 21.m25 29.#36 20.838 20.m15 28.#33 0.826 19.832 13.403 20.m29 26.#37 0.805 19.832 13.435 21.m33 27.#32 24.838 20.m29 28.#37 0.826 19.832 12.846 21.m20 28.#35 0.836 28.#35 0.8 | 22321 16≈ | 24 13 ★ 40 |
| 278 17m.27 21 \(\times \) 21 \(\times \) 21 \(\times \) 15 \(\times \) 11 \(\times \) 18 \(\times \) 22 \(\times \) 22 \(\times \) 18 \(\times \) 22 \(\times \) 24 \(\times \) 18 \(\times \) 24 \(\times \) 23 \(\times \) 33 \(\times \) 34 \(\times | 22346 16≈ | |
| 288 17m.35 21x31 22\text{B21} 15\times27 11\times51 18m.38 22x27 23\times12 16\times21 12\times51 19m.41 23x24 22\times27 23\times23 16\times35 12\times45 19m.50 23x45 22\times27 23\times23 16\times35 12\times55 11\times55 11\ti | 23 ප 12 16≈ 23 ප 38 17≈ | |
| 298 17m.44 21x52 22\tilde{8} 15\tilde{9} 11\tilde{1} 11\tilde{5} 18m.47 22x49 23\tilde{3}39 16\tilde{3}5 12\tilde{5}4 19m.50 23x45 22\tilde{3}08 17m.53 22\tilde{x}14 23\tilde{3}55 11\tilde{5}5 11\tilde{5}5 11\tilde{5}5 11\tilde{5}5 11\tilde{5}6 18m.56 23\tilde{x}11 24\tilde{6}6 16\tilde{4}8 12\tilde{5}7 19m.59 24\tilde{x}07 23\tilde{3}3 24\tilde{3}33 24\tilde{3}33 24\tilde{3}33 24\tilde{3}33 17\tilde{6}0 23\tilde{3}46 20\tilde{6}1 23\tilde{3}56 25\tilde{6}0 17\tilde{6}1 3\tilde{6}40 20\tilde{6}1 24\tilde{7}3 23\tilde{3}4 24\tilde{7}33 25\tilde{6}37 12\tilde{6}6 19m.54 24\tilde{7}2 25\tilde{5}29 17\tilde{3}3 13\tilde{6}7 20\tilde{6}8 22\tilde{x}16 24\tilde{7}3 23\tilde{7}3 24\tilde{7}34 24\tilde{7}44 25\tilde{5}68 25\tilde{6}0 17\tilde{6}1 3\tilde{6}40 20\tilde{6}1 24\tilde{7}3 24\tilde{7}3 24\tilde{7}3 24\tilde{7}34 24\tilde{7}44 25\tilde{5}68 25\tilde{6}0 17\tilde{6}1 3\tilde{6}1 3\tilde{6}1 20\tilde{6}1 24\tilde{7}3 25\tilde{7}3 22\tilde{7}3 22\tilde{7}1 24\tilde{7}4 25\tilde{7}3 26\tilde{7}3 23\tilde{7}3 24\tilde{7}3 23\tilde{7}3 | 24 3 04 17≈ | |
| 31S 18m.02 22 x 37 23 d 3 16 \(\omega 0 \) 12 \(\omega 0 \) 13 \(\omega 0 \) 13 \(\omega 0 \) 13 \(\omeg | 24⋜30 17≈ | |
| 328 18m.11 23 \(\pi 0.0 \) 24 \(\pi 1.1 \) 16 \(\pi 2.3 \) 12 \(\pi 0.0 \) 19m.14 23 \(\pi 5.0 \) 25 \(\pi 0.0 \) 17 \(\pi 6.0 \) 13 \(\pi 0.0 \) 20m.18 24 \(\pi 5.3 \) 23 \(\pi 1.0 \) 23 \(\pi 4.0 \) 26 \(\pi 3.0 \) 16 \(\pi 3.0 \) 18 \(\pi 0.0 \) 23 \(\pi 4.0 \) 26 \(\pi 0.0 \) 28 \(| 24ସ57 17≈ | 42 13 X 57 |
| 33S 18m.20 23.24.24 24.839 16.837 12.808 19m.24 24.20 25.829 17.830 13.807 20m.28 25.716 2 34S 18m.30 23.248 25.808 16.852 12.811 19m.34 24.244 25.858 17.845 13.810 20m.38 25.240 2 36S 18m.51 24.239 26.837 17.822 12.818 19m.55 25.235 26.856 13.813 20m.48 26.705 26.37 26.37 26.27 27.822 20m.06 26.801 27.826 188.29 13.813 20m.48 26.875 22.835 26.837 17.837 12.822 20m.06 26.801 27.826 188.29 13.813 20m.59 26.837 27.837 12.822 20m.06 26.801 27.856 188.29 13.813 20m.59 26.837 27.856 20.837 17.842 11.848 20.844 18.841 13.841 21.842 21m.10 26.829 27.857 188.844 13.843 21m.10 26.853 27.852 29.832 19.832 13.843 21m.53 | 25♂24 17≈ | |
| 34S 18m30 23 x 48 25 \overline{8} 16 \inside 52 12 \overline{1} 19m34 24 x 44 25 \overline{8} 58 17 \inside 45 13 \overline{1} 20m38 25 x 40 22 | 25 3 52 18≈ | |
| 35S 18m.40 24x13 25g37 17x07 12x15 19m.44 25x09 26g27 17x59 13x13 20m.48 26x05 2 36S 18m.51 24x39 26g07 17x22 12x18 19m.55 25x35 26g56 18x14 13x17 20m.59 26x31 2 37S 19m.01 25x05 26g37 17x37 12x22 20m.06 26x01 27g26 18x29 13x20 21m.10 26x57 2 38S 19m.12 25x32 27g08 17x53 12x30 20m.29 26x57 28g28 19x00 13x27 21m.33 27x52 2 40S 19m.36 26x30 28g12 18x25 12x33 20m.41 27x26 29g00 19x15 11x45 28x21 2 4US 19m.36 26x30 28g44 18x41 12x37 20m.53 27x56 29g32 19x35 11x45 28x21 2 42S 20m.11 <t< th=""><th>26궁20 18≈ 26궁48 18≈</th><th></th></t<> | 26 궁 20 18≈ 26 궁 48 18≈ | |
| 368 | 27 ප 17 18≈ | |
| 37S | 27346 19≈ | |
| 39S 19 m.24 26 x 01 27 z 40 18 x 08 12 x 30 20 m.29 26 x 57 28 z 28 19 x 00 13 x 27 21 m.33 27 x 52 22 x 10 | 28ব15 19≈ | |
| 40S 19m36 26 x 30 28 d 12 18 x 25 12 x 33 20 m 41 27 x 26 29 d 00 19 x 16 13 x 31 21 m 45 28 x 21 22 41 | | |
| 41S | 29316 19≈ | |
| 42S 20 m.01 27 x 31 29 \ 518 18 \ 58 12 \ 742 21 m.06 28 x 27 0 \ 805 19 \ 848 13 \ 739 22 m.11 29 x 22 24 x 35 20 m.15 28 x 03 29 \ 751 19 \ 815 12 \ 746 21 m.20 28 x 59 0 \ 838 20 \ 805 13 \ 743 22 m.25 29 x 54 24 x 30 20 m.29 28 x 37 0 \ 826 19 \ 832 12 \ 750 21 m.34 29 x 32 1 \ 813 20 \ 822 13 \ 753 22 m.53 29 x 54 1 \ 838 20 \ 809 12 \ 753 22 m.05 0 \ 832 22 m.05 0 \ 832 2 \ 835 20 \ 835 23 \ 842 23 \ 835 23 \ 842 21 \ 835 22 \ 835 23 \ 842 23 \ 835 23 \ 842 24 \ 835 24 m.21 20 \ 828 24 \ 835 24 m.21 24 \ 845 23 \ 845 24 | 29⋜48 20≈ | I |
| 43S 20m15 28 x 03 29 ₹ 51 19 ≈ 15 12 ★ 46 21 m 20 28 x 59 0 ≈ 38 20 ≈ 05 13 ★ 43 22 m 25 29 x 54 44S 20 m 29 28 x 37 0 ≈ 26 19 ≈ 32 12 ★ 50 21 m 34 29 x 32 1 ≈ 13 20 ∞ 22 13 ★ 47 22 m 39 0 ₹ 27 45S 20 m 43 29 x 11 1 ≈ 02 19 ≈ 50 12 ★ 54 21 m 49 0 ♥ 07 1 ≈ 48 20 ≈ 40 13 ★ 51 22 m 54 1 ♥ 01 4 46S 20 m 59 29 x 48 1 ≈ 38 20 ≈ 09 12 ★ 59 22 m 05 0 ♥ 43 2 ≈ 23 20 ≈ 58 13 ★ 55 23 m 10 1 ♥ 37 47S 21 m 15 0 ♥ 25 2 ≈ 15 20 ≈ 28 13 ★ 04 22 m 21 1 ♥ 20 3 ≈ 00 21 ≈ 16 1 ★ 40 23 m 27 2 ♥ 15 2 ₹ 33 20 ≈ 47 13 ★ 08 22 m 38 1 ♥ 59 3 ≈ 37 21 ≈ 16 1 ★ 40 23 m 44 2 ♥ 53 20 ≈ 47 13 ★ 13 22 m .56 2 ₹ 40 < | $0 \approx 19$ $20 \approx$ $0 \approx 52$ $20 \approx$ | |
| 45S 20 m.43 29 x 11 1 | 1≈25 20≈ | |
| 46S 20m.59 29 x 48 1 x 38 20 x 09 12 x 59 22 m.05 0 z 43 2 x 23 20 x 58 13 x 55 23 m.10 1 z 37 2 z 31 1 z 37 2 z 31 2 z 31 2 z 31 2 z | 1≈59 21≈ | 12 14 X 44 |
| 47S 21m.15 0525 2≈15 20≈28 13 ± 04 22m.21 1520 3≈00 21≈16 14±00 23m.27 2515 2515 48S 21m.32 1505 2≈53 20≈47 13±08 22m.38 1559 3≈37 21≈35 14±04 23m.44 2553 49S 21m.50 1546 3≈32 21≈07 13±13 22m.56 2540 4≈16 21≈54 14±09 24m.03 3534 2553 4≈16 21≈54 14±09 24m.03 3534 2553 4≈12 21≈27 13±18 23m.16 3523 4≈55 22≈14 14±14 24m.22 4516 5518 22m.29 3514 4≈53 21≈48 13±24 23m.36 4508 5≈36 22≈35 14±19 24m.43 5501 552S 22m.50 4502 5≈35 22≈09 13±29 23m.58 4555 6≈17 22≈56 14±24 25m.05 5547 5547 5549 5549 5549 5544 7≈00 23≈1 | 2≈34 21≈ | |
| 48S 21 m 32 1 305 2 ≈ 53 20 ≈ 47 13 ± 08 22 m 38 1 59 3 ≈ 37 21 ≈ 35 14 ± 04 23 m 44 2553 49S 21 m 50 1 3 ± 03 21 ≈ 07 13 ± 13 22 m 56 2 ± 40 4 ≈ 16 21 ≈ 54 14 ± 09 24 m 03 3 ± 34 3 ± 34 50S 22 m 09 2 ± 29 4 ≈ 12 21 ≈ 27 13 ± 18 23 m 16 3 ± 23 4 ≈ 55 22 ≈ 14 14 ± 14 24 m 22 4 ± 16 51S 22 m 29 3 ± 14 4 ≈ 53 21 ≈ 48 13 ± 24 23 m 36 4 ± 08 5 ≈ 36 22 ≈ 35 14 ± 14 24 m 43 5 ± 01 6 5 ≈ 35 22 ≈ 09 13 ± 29 23 m 58 4 ± 55 6 ≈ 17 22 ≈ 56 14 ± 24 25 m 05 5 ± 47 6 5 ± 35 22 ≈ 31 13 ± 35 24 m 21 5 ± 44 7 ≈ 00 23 ≈ 18 14 ± 29 25 m 28 6 ± 36 5 ± 47 6 ± 36 6 ± 36 7 ≈ 48 23 ≈ 18 13 ± 47 25 m 12 7 ± 31 8 ≈ 28 | 3≈09 21≈ | |
| 49S 21m.50 1346 3\$\infty\$32 21\$\infty\$07 13\$\infty\$13 22m.56 2340 4\$\infty\$16 21\$\infty\$54 14\$\infty\$09 24m.03 3\$\infty\$34 5 50S 22m.09 2329 4\$\infty\$12 21\$\infty\$27 13\$\infty\$18 23m.16 3\$\infty\$23 4\$\infty\$55 22\$\infty\$14 14\$\infty\$14 24m.22 4\$\infty\$16 5 5 22\$\infty\$14 14\$\infty\$14 24m.22 4\$\infty\$16 5 5 22\$\infty\$14 14\$\infty\$14 24m.43 5\$\infty\$01 5 22\$\infty\$15 4\$\infty\$16 24m.43 5\$\infty\$01 5 23 14\$\infty\$19 24m.43 5\$\infty\$01 5\$\infty\$13 4\$\infty\$19 24m.43 5\$\infty\$01 5\$\infty\$31 4\$\infty\$19 24m.43 5\$\infty\$01 5\$\infty\$36 22\$\infty\$56 14\$\infty\$19 24m.43 5\$\infty\$01 5\$\infty\$41 24m.43 5\$\infty\$01 4\$\infty\$55 6\$\infty\$17 22\$\infty\$56 14\$\infty\$19 24m.43 5\$\infty\$01 4\$\infty\$55 24m.51 4\$\infty\$51 24m.23 14m.43 | 3≈45 22≈ 4≈22 22≈ | |
| 50S 22m.09 2 \(\pi 209 \) 4 \(\pi 12 \) 21 \(\pi 27 \) 13 \(\pi 18 \) 23 \(\pi 16 \) 3 \(\pi 23 \) 4 \(\pi 55 \) 22 \(\pi 14 \) 14 \(\pi 14 \) 24 \(\pi 26 \) 4 \(\pi 65 \) 528 \(\pi 22 \) 14 \(\pi 14 \) 24 \(\pi 24 \) 4 \(\pi 66 \) 5 \(\pi 36 \) 22 \(\pi 26 \) 14 \(\pi 14 \) 24 \(\pi 26 \) 4 \(\pi 66 \) 5 \(\pi 36 \) 22 \(\pi 26 \) 14 \(\pi 14 \) 24 \(\pi 24 \) 5 \(\pi 66 \) 14 \(\pi 16 \) 24 \(\pi 14 \) 23 \(\pi 36 \) 4 \(\pi 55 \) 6 \(\pi 17 \) 22 \(\pi 56 \) 14 \(\pi 14 \) 24 \(\pi 14 \) 23 \(\pi 56 \) 4 \(\pi 55 \) 6 \(\pi 17 \) 22 \(\pi 56 \) 14 \(\pi 14 \) 24 \(\pi 16 \) 5 \(\pi 44 \) 7 \(\pi 06 \) 23 \(\pi 14 \) 3 \(\pi 14 \) <t< th=""><th>5≈00 22≈</th><th></th></t<> | 5≈00 22≈ | |
| 51S 22m29 3514 4≈53 21≈48 13 ± 24 23m36 4508 5≈36 22≈35 14±19 24m43 5501 552S 22m50 4502 5≈35 22≈09 13±29 23m58 4555 6≈17 22≈56 14±24 25m05 5547 553S 23m13 4551 6≈18 22≈31 13±35 24m21 5544 7≈00 23≈18 14±29 25m28 6536 5545 23m37 5544 7≈02 22≈54 13±41 24m45 6536 7≈43 23≈40 14±35 25m53 7528 555 24m03 6540 7≈48 23≈18 13±47 25m12 7531 8≈28 24≈03 14±40 26m20 8522 558 24m31 7539 8≈35 23≈42 13±53 25m40 8529 9≈15 24≈27 14±46 26m49 9520 950 578 25m02 8541 9≈23 24≈07 13±59 26m11 9531 10≈02 24≈52 14±53 < | 5≈39 23≈ | |
| 53S 23 m 13 4 5 1 6 ≈ 18 22 ≈ 31 13 ∺ 35 24 m 21 5 ₹ 44 7 ≈ 00 23 ≈ 18 14 ∺ 29 25 m 28 6 ₹ 36 7 ≈ 48 54S 23 m 37 5 ₹ 44 7 ≈ 02 22 ≈ 54 13 ∺ 41 24 m 45 6 ₹ 36 7 ≈ 43 23 ≈ 40 14 ∺ 45 25 m 53 7 ₹ 28 55S 24 m 03 6 ₹ 40 7 ≈ 48 23 ≈ 18 13 ∺ 47 25 m 12 7 ₹ 31 8 ≈ 28 24 ≈ 03 14 ∺ 40 26 m 20 8 ₹ 22 56S 24 m 31 7 ₹ 39 8 ≈ 35 23 ≈ 42 13 ∺ 53 25 m 40 8 ₹ 29 9 ≈ 15 24 ≈ 27 14 ∺ 46 26 m 49 9 ₹ 20 57S 25 m 02 8 ₹ 41 9 ≈ 23 24 ≈ 07 13 ∺ 59 26 m 11 9 ₹ 31 10 ≈ 02 24 ≈ 52 14 ⊬ 53 27 m 20 10 ₹ 21 10 ₹ 21 | 6≈18 23≈ | |
| 54S 23m37 5명44 7≈02 22≈54 13 \times 41 24m45 6명36 7≈43 23≈40 14 \times 35 25m53 7828 55S 55S 24m03 6840 7≈48 23≈18 13 \times 47 25m12 7831 8≈28 24≈03 14 \times 40 26m20 8822 9825 56S 24m31 7839 8≈35 23≈42 13 \times 53 25m40 8829 9≈15 24≈27 14 \times 46 26m49 9820 9820 57S 25m02 8841 9≈23 24≈07 13 \times 59 26m11 9831 10≈02 24≈52 14 \times 53 27m20 10821 10 | 6≈59 23≈ | I |
| 55S 24m03 6명40 7≈48 23≈18 13 € 47 25 m 12 7명31 8≈28 24≈03 14 € 40 26 m 20 8822 9 56S 24m31 7839 8≈35 23≈42 13 € 53 25 m 40 8829 9≈15 24≈27 14 € 46 26 m 49 9820 9820 57S 25 m 02 8841 9≈23 24≈07 13 € 59 26 m 11 9831 10≈02 24≈52 14 € 53 27 m 20 10821 10 | 7≈41 24≈ 8≈24 24≈ | |
| 568 24m31 7司39 8≈35 23≈42 13∺53 25m40 8司29 9≈15 24≈27 14∺46 26m49 9司20 9578 25m02 8司41 9≈23 24≈07 13∺59 26m11 9司31 10≈02 24≈52 14∺53 27m20 10司21 10□21 | | |
| 57S 25m02 8841 9∞23 24∞07 13∺59 26m11 9831 10∞02 24∞52 14∺53 27m20 10821 10 | 9≈09 24≈ 9≈54 25≈ | |
| | 10≈41 25≈ | |
| | 11≈30 26≈ | 01 15 X 52 |
| | 12≈20 26≈ | |
| | 13≈11 26≈ | |
| | 14≈04 27≈ 14≈50 27≈ | |
| | 14≈59 27≈ 15≈56 28≈ | |
| | 15≈50 28≈ 16≈55 28≈ | |
| | 17≈55 29≈ | |
| 66S 3₹41 22₹08 17≈56 28≈43 15₹14 5₹02 22₹44 18≈27 29≈21 16₹03 6₹22 23₹20 15 | 18≈58 29≈ | 59 16¥52 |
| pc 4₹58 23₹20 18≈34 29≈04 15 ₹20 6₹24 23₹54 19≈04 29≈41 16 ₹08 7₹49 24₹28 19 | 19≈35 0 ₩ | 19 16¥57 |

| | Sid.Tir MC: | | 00m A :16'49 | RMC: 1 | 95°00' | Sid.Tir MC: | | 04m A 21'21 | RMC: 1 | 96°00' | Sid.Tir MC: | ne: 13h0 | 08m A 25'46 | RMC: 1 | 97°00' |
|------------|--------------------|----------------------------------|----------------------------------|-------------------|--|----------------------|----------------------------------|----------------------------------|-------------------|--|----------------------|--|----------------------------------|---------------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 17m.27 | 16🗷 11 | 13궁48 | 12≈32 | 13 ¥ 43 | 18 m. 27 | 17∡106 | 14궁44 | 13≈32 | 14 X 47 | 19m.27 | 18 ₹ 02 | 15궁40 | 14≈32 | 15 X 52 |
| 1S | 17m.33 | 16 7 26 | 14311 | 12≈44 | 13 X 45 | 18 m 33 | 17 7 22 | 15 る 07 | 13≈44 | 14 × 50 | 19 m 33 19 m 39 | 18 🗷 18 | 16중03 | 14≈43 | 15 × 54 |
| 2S 3S | 17m40 17m46 | 16 ₹ 42 16 ₹ 58 | 14궁35 14궁58 | 12≈56 13≈08 | 13 X 47 13 X 50 | 18 m. 39 18 m. 46 | 17 ₹ 38 17 ₹ 53 | 15 궁 30 15 궁 53 | 13≈55 14≈07 | 14 X 52 14 X 54 | 19 11.39 19 11.46 | 18 × 33 | 16궁26 16궁49 | 14≈55 15≈07 | 15 X 56 |
| 4S | 17 m 52 | 17 🗷 13 | 15중21 | 13≈20 | 13 X 52 | 18 m. 52 | 18 ₹ 09 | 16중16 | 14≈19 | 14 X 56 | 19 m 52 | 19 ₹ 05 | 17중12 | 15≈18 | 16 × 00 |
| 5S | 17m.58 | 17 ₹ 29 | 15중44 | 13≈32 | 13 ¥ 55 | 18 m. 58 | 18 ₹ 25 | 16궁39 | 14≈31 | 14 X 59 | 19m.58 | 19 <i>z</i> •21 | 17る34 | 15≈30 | 16¥02 |
| 6S | 18m.05 | 17 ₹ 45 | 16궁07 | 13≈44 | 13 ¥ 57 | 19m.05 | 18 ∡ 41 | 17る02 | 14≈43 | 15 ₩01 | 20m.05 | 19 ₹ 37 | 17궁57 | 15≈42 | 16¥05 |
| 7S 8S | 18m.11 18m.17 | 18 ₹ 01 18 ₹ 17 | 16 궁 30 16 궁 53 | 13≈56 14≈08 | 13 X 59 14 X 02 | 19 m. 11 19 m. 18 | 18 ₹ 57 19 ₹ 13 | 17る25 17る48 | 14≈54 15×06 | 15 ¥ 03 15 ¥ 05 | 20 m.11 20 m.18 | 19 \$\times 53 \\ 20 \$\times 09 \\ | 18 궁 20 18 궁 43 | 15≈53 16≈04 | 16 ¥ 07 16 ¥ 09 |
| 9S | 18m24 | 18 × 17 | 17중16 | 14≈08 | 14 X 02 | 19 m. 24 | 19 \$729 | 18중11 | 15≈06 15≈18 | 15 X 05 | 20 m 24 | 20 x·09 20 x 25 | 19중06 | 16≈04 | 16 X 11 |
| 108 | 18m.30 | 18 ~ 49 | 17궁39 | 14≈31 | 14 X 07 | 19 m. 31 | 19 <i>z</i> 45 | 18중34 | 15≈29 | 15 ¥ 10 | 20m.31 | 20 🗷 41 | 19궁29 | 16≈27 | 16¥13 |
| 11S | 18m.37 | 19∡06 | 18중03 | 14≈43 | 14 × 09 | 19m37 | 20 ₮ 02 | 18궁57 | 15≈41 | 15 X 12 | 20m38 | 20 ∡ 58 | 19궁52 | 16≈39 | 16 X 15 |
| 12S | 18m.43 | 19 ₹ 23 | 18중26 | 14≈55 | 14 X 11 | 19 m. 44 | 20 🗷 19 | 19중20 | 15≈52 | 15 ¥ 14 | 20m45 | 21 🗷 14 | 20중14 | 16≈50 | 16¥17 |
| 13S 14S | 18m.50 18m.57 | 19 x 39 19 x 56 | 18궁49 19궁12 | 15≈07 15≈18 | 14 X 14 14 X 16 | 19 m. 51 19 m. 58 | 20 ₹35 20 ₹52 | 19중43 20중06 | 16≈04 16≈16 | 15 X 16 15 X 19 | 20 m.51 20 m.58 | 21 × 31 21 × 48 | 20중37 21중01 | 17≈02 17≈13 | 16 X 19 |
| 15S | 19 m 04 | 20 🗷 13 | 19중36 | 15≈30 | 14 X 18 | 20 m. 05 | 21 🗷 09 | 20중30 | 16≈27 | 15 X 21 | 21 m.05 | 22 🗷 05 | 21324 | 17≈13 | 16 X 23 |
| 16S | 19m.11 | 20 x 13 | 19859 | 15≈30 | 14 X 21 | 20 m 12 | 21 🗷 27 | 20중53 | 16≈27 | 15 X 23 | 21 m 13 | 22 x 23 | 21824 | 17≈24 | 16 X 25 |
| 17S | 19m.18 | 20 ∡ 48 | 20중23 | 15≈54 | 14 ¥ 23 | 20 m 19 | 21 ₹ 44 | 21중17 | 16≈51 | 15 ¥ 25 | 21 m 20 | 22 ∡ 40 | 22중10 | 17≈47 | 16¥27 |
| 188 | 19 m. 25 | 21 × 06 | 20중47 | 16≈06 | 14 ** 26 | 20 m 26 | 22 \$ 02 | 21 궁 40 22 궁 04 | 17≈02 | 15 × 28 | 21 m.27 | 22 × 58 | 22 る 34 | 17≈59 | 16 ¥ 30 |
| 198 | 19m32 | 21 🗷 24 | 21311 | 16≈18 | 14 ¥ 28 | 20 m. 33 | 22 🗷 20 | | 17≈14 | 15 ¥ 30 | 21 m 35 | 23 🗷 16 | 22857 | 18≈11 | 16¥32 |
| 20S 21S | 19m39 19m47 | 21 × 42 22 × 01 | 21궁35 21궁59 | 16≈30 16≈42 | 14 ¥ 31 14 ¥ 33 | 20 m.41 20 m.49 | 22 ₹ 38 22 ₹ 57 | 22중28 22중52 | 17≈26 17≈38 | 15 ¥ 32 15 ¥ 35 | 21 m.42 21 m.50 | 23 ₹ 34 23 ₹ 53 | 23중21 23중45 | 18≈22 18≈34 | 16 ¥ 34 16 ¥ 36 |
| 22S | 19m.55 | 22 ₹ 20 | 22324 | 16≈54 | 14 X 36 | 20 m 56 | 23 ₹ 16 | 23중16 | 17≈50 | 15 X 37 | 21 m 58 | 24 × 12 | 24궁09 | 18≈46 | 16 × 38 |
| 238 | 20 m 02 | 22 🗷 39 | 22348 | 17≈07 | 14 ¥ 38 | 21 m.04 | 23 7 35 | 23341 | 18≈02 | 15 ¥ 39 | 22 m 06 | 24 🗷 31 | 24333 | 18≈58 | 16 × 40 |
| 24S | 20 m 10 | 22 ₹ 58 | 23云13 | 17≈19 | 14¥41 | 21 m 12 | 23 ₹ 54 | 24중06 | 18≈14 | 15 X 42 | 22 m 14 | 24 ₹ 50 | 24궁58 | 19≈10 | 16 € 43 |
| 25S 26S | 20 m 18 20 m 27 | 23 × 18 23 × 38 | 23 궁 38 24 궁 04 | 17≈32 17≈44 | 14 X 43 | 21 m.20 21 m.29 | 24 × 14 24 × 34 | 24중30 24중56 | 18≈27 18≈39 | 15 X 44 | 22 m 22 22 m 31 | 25 ₹ 10 25 ₹ 30 | 25중22 25중47 | 19≈22 19≈34 | 16¥45 16¥47 |
| 27S | 20 m 35 | 23 × 59 | 24 공 29 | 17≈44 | 14 X 49 | 21 m 37 | 24 x 54 24 x 55 | 25중21 | 18≈51 | 15 X 49 | 22 m 39 | 25 × 50 | 26중13 | 19≈34 | 16 X 49 |
| 28S | 20m44 | 24 ₹ 20 | 24궁55 | 18≈10 | 14 X 51 | 21 m.46 | 25 ₹ 16 | 25중47 | 19≈04 | 15 ¥ 52 | 22 m 48 | 26 ₹ 12 | 26중38 | 19≈58 | 16¥52 |
| 29S | 20m.53 | 24 ₹ 41 | 25중21 | 18≈23 | 14 ¥ 54 | 21 m 55 | 25 ₹ 37 | 26중13 | 19≈17 | 15 ¥ 54 | 22 m 57 | 26 ₹ 33 | 27중04 | 20≈11 | 16 X 54 |
| 30S 31S | 21 m.02 21 m.11 | 25 ₹ 03 25 ₹ 26 | 25정48 26정15 | 18≈36 18≈49 | 14 X 57 15 X 00 | 22 m 04 22 m 14 | 25 x 59 26 x 22 | 26 궁 39 27 궁 06 | 19≈30 19≈43 | 15 X 57 15 X 59 | 23 m.07 23 m.16 | 26 ₹ 55 27 ₹ 17 | 27 る 30 27 る 56 | 20≈24 20≈36 | 16 X 57 16 X 59 |
| 32S | 21 m 21 | 25 x 49 | 26 공 42 | 19≈03 | 15 X 00 | 22 m 24 | 26 x 45 | 27 공 32 | 19≈43 | 16 × 02 | 23 m 26 | 27 x 17 27 z 40 | 28 공 23 | 20≈30 20≈49 | 17 × 01 |
| 33S | 21 m 31 | 26 ₹ 12 | 27중10 | 19≈16 | 15 ¥ 05 | 22 m 34 | 27 ≠ 08 | 28중00 | 20≈09 | 16 × 05 | 23 m. 36 | 28 द 04 | 28궁50 | 21≈02 | 17 ¥ 04 |
| 348 | 21 m.41 | 26 ₹ 36 | 27중38 | 19≈30 | 15 ₩ 08 | 22 m 44 | 27 ₹ 32 | 28중28 | 20≈23 | 16 ₩ 07 | 23 m.47 | 28 ₹ 28 | 29궁17 | 21≈16 | 17 ₩ 06 |
| 35S 36S | 21 m.51 22 m.02 | 27 ₹ 01 27 ₹ 27 | 28 궁 06 28 궁 35 | 19≈44 19≈58 | 15 X 11 | 22 m.54 23 m.05 | 27 ₹ 57 28 ₹ 22 | 28궁56 29궁24 | 20≈37 20≈51 | 16 X 10 | 23 m 57 24 m 08 | 28 x 52 29 x 18 | 29 ප 45 0≈13 | 21≈29 21≈43 | 17 X 09 17 X 12 |
| 37S | 22 m 13 | 27 × 53 | 29정04 | 20≈13 | 15 X 17 | 23 m 17 | 28×22 | 29중53 | 20≈31 21≈05 | 16 X 16 | 24 m 20 | 29 × 14 | 0≈13 | 21≈43 21≈57 | 17 X 14 |
| 38S | 22 m 25 | 28 ₹ 20 | 29궁34 | 20≈27 | 15 ₩ 20 | 23 m 28 | 29 ₹ 15 | 0≈23 | 21≈19 | 16¥19 | 24 m 32 | 0로10 | 1≈11 | 22≈11 | 17 |
| 398 | 22 m 37 | 28 ∡ 48 | 0≈05 | 20≈42 | 15 ₩ 24 | 23 m.41 | 29 ₹43 | 0≈53 | 21≈34 | 16 ¥ 22 | 24 m 44 | 0중38 | 1≈41 | 22≈25 | 17 ∺ 20 |
| 40S 41S | 22 m.49 23 m.02 | 29 ₹ 17 29 ₹ 46 | 0≈35 1≈07 | 20≈58 21≈13 | 15 \ 27 15 \ 30 | 23 m.53 24 m.06 | 0중12 0중41 | 1≈23 1≈54 | 21≈49 22≈04 | 16 ¥ 25 16 ¥ 28 | 24 m 57 25 m 10 | 1 3 07 1 3 36 | 2≈11 2≈42 | 22≈40 22≈55 | 17 ¥ 23 17 ¥ 26 |
| 41S 42S | 23 m 16 | 0중17 | 1≈07 | 21≈13 21≈29 | 15 X 30 | 24 m 20 | 1중12 | 2≈26 | 22≈04 22≈20 | 16 X 31 | 25 m 23 | 2 3 06 | 3≈13 | 22≈33 23≈10 | 17 X 20 |
| 43S | 23 m 30 | 0중49 | 2≈12 | 21≈45 | 15 ∺ 37 | 24 m 34 | 1중43 | 2≈58 | 22≈35 | 16 X 34 | 25 m 38 | 2중38 | 3≈45 | 23≈26 | 17 ∺ 32 |
| 44S | 23 m.44 | 1중22 | 2≈45 | 22≈02 | 15 ¥ 41 | 24 m.49 | 2중16 | 3≈31 | 22≈52 | 16 ¥ 38 | 25 m 53 | 3중10 | 4≈18 | 23≈41 | 17 |
| 45S 46S | 23 m.59 24 m.15 | 1중56 | 3≈19 | 22≈19 22≈36 | 15 × 44 | 25 m.04 25 m.20 | 2 3 50 | 4≈05 4≈40 | 23≈08 | 16¥41 | 26m 08 | 3 공 44 4 공 19 | 4≈51 | 23≈58 | 17 ¥ 38 |
| 46S 47S | 24 m 32 | 2 3 32 3 3 09 | 3≈54 4≈30 | 22≈36 22≈54 | 15 ¥ 48 15 ¥ 52 | 25 m 37 | 3 궁 26 4 궁 02 | 4≈40 5≈15 | 23≈25 23≈42 | 16 X 45 16 X 48 | 26 m. 25 26 m. 42 | 4 8 19 4 8 56 | 5≈25 6≈00 | 24≈14 24≈31 | 17 X 41 17 X 45 |
| 48S | 24 m 50 | 3847 | 5≈06 | 23≈12 | 15 X 56 | 25 m 55 | 4중41 | 5≈51 | 24≈00 | 16¥52 | 27m00 | 5중34 | 6≈35 | 24≈49 | 17 |
| 498 | 25 m 08 | 4중27 | 5≈44 | 23≈30 | 16 ¥ 00 | 26 m 14 | 5중21 | 6≈28 | 24≈18 | 16 X 56 | 27 m 19 | 6정14 | 7≈11 | 25≈06 | 17 ∺ 52 |
| 50S | 25 m 28 | 5중10 | 6≈22 | 23≈49 24≈00 | 16 × 05 | 26 m 34 | 6 궁 02 | 7≈05 | 24≈37 24≈56 | 17 × 00 | 27 m 39 | 6중55 | 7≈49 | 25≈25 25×43 | 17¥55 |
| 51S 52S | 25 m 49 26 m 11 | 5 궁 54 6 궁 40 | 7≈01 7≈42 | 24≈09 24≈29 | 16 ¥ 09 16 ¥ 13 | 26 m 55 27 m 17 | 6 공 46 7 공 32 | 7≈44 8≈24 | 24≈56 25≈16 | 17 ¥ 04 17 ¥ 08 | 28 m 00 28 m 23 | 7 3 38 8 3 24 | 8≈27 9≈06 | 25≈43 26≈03 | 17 X 59 18 X 03 |
| 53S | 26m35 | 7중28 | 8≈23 | 24≈50 | 16 ¥ 18 | 27 m.41 | 8중20 | 9≈05 | 25≈36 | 17 X 13 | 28m47 | 9중11 | 9≈46 | 26≈23 | 18 ¥ 07 |
| 54S | 27 m 00 | 8319 | 9≈05 | 25≈12 | 16 ¥ 23 | 28 m 07 | 9 ਰ 11 | 9≈46 | 25≈57 | 17 ∺ 17 | 29 m 13 | 10중01 | 10≈27 | 26≈43 | 18 ¥ 12 |
| 55S | 27 m 27 | 9중13 | 9≈49 | 25≈34 25≈56 | 16 ¥ 28 | 28 m 34 | 10304 | 10≈29 | 26≈19 26≈41 | 17 × 22 | 29 m.41 | 10궁54 | 11≈10 | 27≈04 | 18¥16 |
| 56S 57S | 27 m 56 28 m 28 | 10중10 11중11 | 10≈34 11≈20 | 25≈56 26≈20 | 16 ¥ 33 16 ¥ 39 | 29 m.04 29 m.36 | 11중00 12중00 | 11≈14 11≈59 | 26≈41 27≈04 | 17 ¥ 27 17 ¥ 32 | 0 ₹ 11 0 ₹ 43 | 11궁50 12궁49 | 11≈53 12≈38 | 27≈26 27≈49 | 18 ** 20 18 ** 25 |
| 58S | 29 m 03 | 12중14 | 12≈08 | 26≈44 | 16¥44 | 0 ≯ 11 | 13중03 | 12≈46 | 27≈28 | 17 ¥ 37 | 1 19 | 13중51 | 13≈24 | 28≈12 | 18 ¥ 30 |
| 59S | 29 m.41 | 13중22 | 12≈57 | 27≈10 | 16 ¥ 50 | 0 ₹ 49 | 14궁10 | 13≈35 | 27≈53 | 17 X 43 | 1 ₹ 58 | 14궁57 | 14≈12 | 28≈36 | 18 X 35 |
| 60S | 0 ₹ 23 | 14중35 | 13≈48 | 27≈36 | 16 X 57 | 1 × 32 | 15중21 | 14≈24 | 28≈19 | 17 × 49 | 2 7 41 | 16중07 | 15≈01 | 29≈01 | 18 X 41 |
| 61S 62S | 1 ∡ 10 2 ∡ 03 | 15 궁 52 17 궁 15 | 14≈40 15≈34 | 28≈03 28≈32 | 17 ¥ 03 17 ¥ 10 | 2 ₹ 20 3 ₹ 14 | 16중37 17중59 | 15≈16 16≈09 | 28≈45 29≈13 | 17 X 55 18 X 01 | 3 ₹ 29 4 ₹ 24 | 17る22 18る42 | 15≈52 16≈44 | 29≈27 29≈54 | 18 × 46 18 × 52 |
| 63S | 3×04 | 18344 | 16≈30 | 28≈32 29≈01 | 17 X 17 | 4×16 | 19826 | 17≈04 | 29≈13 29≈42 | 18 × 08 | 5×27 | 20중08 | 17≈38 | 0 ** 22 | 18 X 58 |
| 64S | 4∤17 | 20중20 | 17≈28 | 29≈32 | 17 ∺ 24 | 5 ₹ 30 | 21중00 | 18≈01 | 0 | 18 ¥ 15 | 6 <i>≱</i> 142 | 21중41 | 18≈34 | 0 × 51 | 19 X 05 |
| 65S | 5 <i>≱</i> 145 | 22중04 | 18≈28 | 0 X 04 | 17 ∺ 32 | 7 ₹ 00 | 22342 | 19≈00 | 0 X 43 | 18 ∺ 22 | 8 <i>≱</i> 15 | 23중20 | 19≈32 | 1 X 22 | 19 X 12 |
| 66S | 7×142 | 23 궁 56 | 19≈29 20≈05 | 0 X 37 | 17¥41 | 9 \$7 01 | 24중31 | 20≈01 20≈36 | 1 X 16 | 18 ¥ 30 | 10×20 | 25중07 | 20≈32 21≈06 | 1 X 54 | 19 * 19 |
| pc | 9₹14 | 25중02 | 20≈05 | 0 X 57 | 17 X 46 | 10 ₹38 | 25중36 | 20≈36 | 1 X 35 | 18 × 34 | 12 ₹ 03 | 26중11 | 21≈06 | 2 X 12 | 19 ¥ 23 |

| | Sid.Tir MC: | | 12m A :30'04 | RMC: 1 | 98°00' | Sid.Tir MC: | | 16m A 34'15 | RMC: 1 | 199°00' | Sid.Tir MC: | ne: 13h2 21 <u>0</u> | 20m A :38'19 | RMC: 2 | 200°00' |
|--------------|----------------------|----------------------------------|----------------------------------|--|--|----------------------|----------------------------------|----------------------------------|--|--|----------------------|----------------------------------|----------------------------------|--|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 20 m 26 | 18∡57 | 16중35 | 15≈32 | 16¥57 | 21 m 25 | 19∡53 | 17ਰ31 | 16≈32 | 18 ¥ 02 | 22 m 24 | 20 ₹ 48 | 18중27 | 17≈33 | 19¥07 |
| 1S | 20m32 | 19∡13 | 16궁58 | 15≈43 | 16 X 59 | 21 m 32 | 20 ₮ 09 | 17궁54 | 16≈44 | 18 X 04 | 22 m 31 | 21 ∡ 04 | 18궁50 | 17≈44 | 19 × 08 |
| 2S | 20m39 | 19 🗷 29 | 17중21 | 15≈55 | 17 × 01 | 21 m 38 | 20 🗷 24 | 18중17 | 16≈55 | 18 × 05 | 22 m 37 | 21 🗷 20 | 19중13 | 17≈55 | 19 × 10 |
| 3S 4S | 20 m. 45 20 m. 52 | 19 ₹ 45 20 ₹ 00 | 17る44 18る07 | 16≈06 | 17 ¥ 03 17 ¥ 05 | 21 m.44 21 m.51 | 20 ₹ 40 20 ₹ 56 | 18 궁 40 19 궁 03 | 17≈06 17≈18 | 18 X 07 18 X 09 | 22 m. 44 22 m. 50 | 21 🗷 36 21 🗷 51 | 19 궁 36 19 궁 58 | 18≈06 18≈17 | 19 X 12 19 X 13 |
| | | | | 16≈18 | | | | | | | l . | | | | |
| 5S 6S | 20 m. 58 21 m. 05 | 20 ₹ 16 20 ₹ 32 | 18 군 30 18 군 53 | 16≈29 16≈41 | 17 ¥ 07 17 ¥ 08 | 21 m.58 22 m.04 | 21 × 12 21 × 28 | 19る25 19る48 | 17≈29 17≈40 | 18 X 11 18 X 12 | 22 m. 57 23 m. 04 | 22 × 07 22 × 23 | 20중21 20중43 | 18≈28 18≈39 | 19 X 15 |
| 7S | 21 m 11 | 20 x 32 20 x 48 | 19중15 | 16≈41 | 17 X 08 | 22 m 11 | 21 x 28 21 x 44 | 20중10 | 17≈40 17≈51 | 18 X 12 | 23 m 10 | 22 x 23 22 x 39 | 20543 | 18≈59 18≈50 | 19 X 18 |
| 8S | 21 m 18 | 21 🗷 04 | 19중38 | 17≈03 | 17 × 12 | 22 m 18 | 22 🗷 00 | 20중33 | 18≈02 | 18 × 16 | 23 m 17 | 22 🗷 56 | 21 중 28 | 19≈01 | 19 × 20 |
| 9S | 21 m 24 | 21 ₹ 21 | 20중01 | 17≈14 | 17 X 14 | 22 m 24 | 22 ∡ 16 | 20궁56 | 18≈13 | 18 ¥ 18 | 23 m 24 | 23 ∡ 12 | 21궁50 | 19≈12 | 19¥21 |
| 10S | 21 m 31 | 21 🗷 37 | 20중23 | 17≈26 | 17 X 16 | 22 m. 31 | 22 ₹ 33 | 21중18 | 18≈24 | 18 ¥ 19 | 23 m. 31 | 23 ₹ 28 | 22중13 | 19≈23 | 19 ¥ 23 |
| 11S | 21 m 38 | 21 ₹ 54 | 20중46 | 17≈37 | 17 X 18 | 22 m 38 | 22 ₹ 49 | 21중41 | 18≈35 | 18 ∺ 21 | 23 m 38 | 23 ₹ 45 | 22중35 | 19≈34 | 19 X 24 |
| 12S | 21 m.45 | 22 ₹ 10 | 21중09 | 17≈48 | 17 ¥ 20 | 22 m 45 | 23 ₹ 06 | 22중03 | 18≈46 | 18 ¥ 23 | 23 m 45 | 24 ₹ 02 | 22중58 | 19≈44 | 19 € 26 |
| 13S | 21 m.52 | 22 🗷 27 | 21궁32 | 17≈59 | 17 × 22 | 22 m 52 | 23 🗷 23 | 22326 | 18≈57 | 18 × 25 | 23 m 52 | 24 🗷 18 | 23중20 | 19≈55 | 19 ¥ 28 19 ¥ 29 |
| 14S | 21 m 59 | 22 ₹ 44 | 21궁55 | 18≈11 | 17 X 24 | 22 m 59 | 23 ₹ 40 | 22궁49 | 19≈08 | 18 ¥ 27 | 23 m 59 | 24 ₹ 35 | 23343 | 20≈06 | |
| 15S | 22 m 06 | 23 🗷 01 | 22중18 | 18≈22 | 17 × 26 | 23 m 06 | 23 🗷 57 | 23중12 | 19≈19 | 18 ¥ 28 | 24m.07 | 24 🗷 53 | 24중06 | 20≈17 | 19 X 31 |
| 16S 17S | 22 m 13 22 m 21 | 23 ∡ 19 23 ∡ 36 | 22중41 23중04 | 18≈33 18≈44 | 17 ¥ 28 17 ¥ 30 | 23 m. 14 23 m. 21 | 24 ₹ 14 24 ₹ 32 | 23 군 35 23 군 58 | 19≈30 19≈41 | 18 ¥ 30 18 ¥ 32 | 24 m 14 24 m 21 | 25 ∡ 10 25 ∡ 27 | 24중28 24중51 | 20≈28 20≈39 | 19 \(\pi 33\) |
| 17S 18S | 22 m 28 | 23 × 54 | 23 중 27 | 18≈56 | 17 X 30 | 23 m 29 | 24×·32 24×·50 | 23 24 공 21 | 19≈41 | 18 X 34 | 24 m 29 | 25 x 45 | 25중14 | 20≈39 20≈49 | 19 X 34 |
| 19S | 22 m 36 | 24×12 | 23중51 | 19≈07 | 17 × 34 | 23 m 36 | 25 ₹ 08 | 24중44 | 20≈04 | 18 X 35 | 24m37 | 26 ₹ 03 | 25중37 | 21≈00 | 19 X 37 |
| 20S | 22 m.43 | 24 ₹ 30 | 24중14 | 19≈19 | 17 ¥ 36 | 23 m.44 | 25 ₹ 26 | 25중07 | 20≈15 | 18¥37 | 24 m.45 | 26 ₹21 | 26궁00 | 21≈11 | 19 X 39 |
| 21S | 22 m 51 | 24×149 | 24궁38 | 19≈30 | 17 ∺ 38 | 23 m 52 | 25 ₹ 44 | 25중31 | 20≈26 | 18 * 39 | 24 m 53 | 26 ₹ 40 | 26궁24 | 21≈22 | 19 X 41 |
| 22S | 22 m 59 | 25 ₹ 07 | 25중02 | 19≈42 | 17 X 40 | 24 m 00 | 26 ₹ 03 | 25궁54 | 20≈38 | 18 X 41 | 25 m 01 | 26 ₹ 59 | 26중47 | 21≈34 | 19 X 43 |
| 238 | 23 m 07 | 25 🗷 27 | 25 궁 26 | 19≈53 | 17 × 42 | 24 m 08 | 26 🗷 22 | 26중18 | 20≈49 | 18 X 43 | 25 m 09 | 27 7 18 | 27중11 | 21≈45 | 19 X 44 |
| 24S | 23 m 15 | 25 ₹ 46 | 25중50 | 20≈05 | 17 X 44 | 24 m 16 | 26 ₹ 42 | 26중42 | 21≈01 | 18 ¥ 45 | 25 m 17 | 27 ₹ 37 | 27중34 | 21≈56 | 19 ★ 46 |
| 25S | 23 m 24 | 26 🗷 06 | 26중14 | 20≈17 | 17 × 46 | 24 m 25 | 27 🗷 01 | 27중06 | 21 ≈ 12 | 18 × 47 | 25 m 26 | 27 🗷 57 | 27중58 | 22≈07 | 19 × 48 |
| 26S 27S | 23 m. 32 23 m. 41 | 26 ₹ 26 26 ₹ 46 | 26 궁 39 27 궁 04 | 20≈29 20≈41 | 17 ¥ 48 17 ¥ 50 | 24 m 34 24 m 42 | 27 ₹ 21 27 ₹ 42 | 27중31 27중56 | 21≈24 21≈36 | 18 X 49 | 25 m 35 25 m 44 | 28 ∡ 17 28 ∡ 37 | 28중23 28중47 | 22≈19 22≈30 | 19 X 49 |
| 28S | 23 m 50 | 27×107 | 27 3 29 | 20≈53 | 17 X 52 | 24 m 52 | 28 × 03 | 28중21 | 21≈30 21≈47 | 18 X 53 | 25 m 53 | 28 \$7 58 | 29중12 | 22≈42 | 19 X 53 |
| 29S | 23 m 59 | 27 ₹ 29 | 27궁55 | 21≈05 | 17 X 54 | 25 m 01 | 28 ₹ 24 | 28중46 | 21≈59 | 18 ¥ 55 | 26 m 02 | 29 ₮ 19 | 29궁37 | 22≈54 | 19 X 55 |
| 30S | 24 m 09 | 27 ₹ 50 | 28중21 | 21≈18 | 17 x 57 | 25 m. 10 | 28 ∡ 46 | 29ਰ11 | 22≈12 | 18¥57 | 26 m 12 | 29 ₹ 41 | 0≈02 | 23≈06 | 19 × 57 |
| 31S | 24 m 18 | 28 ₮ 13 | 28중47 | 21≈30 | 17 X 59 | 25 m 20 | 29∡08 | 29중37 | 22≈24 | 18 X 59 | 26 m 22 | 0중03 | 0≈28 | 23≈18 | 19 X 59 |
| 32S | 24 m 28 | 28 🗷 36 | 29중13 | 21≈43 | 18 × 01 | 25 m 30 | 29 🗷 31 | 0≈03 | 22≈36 | 19 × 01 | 26m32 | 0중26 | 0≈53 | 23≈30 | 20 × 00 |
| 33S 34S | 24 m. 38 24 m. 49 | 28 ₹ 59 29 ₹ 23 | 29 궁 40 0≈07 | 21≈56 22≈09 | 18 ¥ 03 18 ¥ 06 | 25 m.41 25 m.51 | 29 <i>束</i> 54 0중18 | 0≈30 0≈57 | 22≈49 23≈02 | 19 ¥ 03 19 ¥ 05 | 26 m. 42 26 m. 53 | 0정49 1정13 | 1≈20 1≈46 | 23≈42 23≈55 | 20 \(\frac{1}{20}\) \(\frac{1}{20}\) \(\frac{1}{20}\) |
| | | | | | | | | | | | | | | | |
| 35S 36S | 25 m.00 25 m.11 | 29才47 0중13 | 0≈34 1≈02 | 22≈22 22≈35 | 18 X 08 | 26 m. 02 26 m. 13 | 0중42 1중08 | 1≈24 1≈51 | 23≈15 23≈28 | 19 X 07 19 X 09 | 27 m. 04 27 m. 15 | 1중37 2중02 | 2≈13 2≈40 | 24≈07 24≈20 | 20 \times 06 20 \times 08 |
| 37S | 25 m 23 | 0339 | 1≈31 | 22≈49 | 18 X 13 | 26 m 25 | 1중33 | 2≈19 | 23≈41 | 19 X 12 | 27 m 27 | 2 3 28 | 3≈08 | 24≈33 | 20 × 10 |
| | 25 m 35 | 1중05 | | | | | 2중00 | | | 19 X 14 | | 2중55 | 1 | 24≈47 | |
| 39S | 25 m 47 | 1중33 | 2≈29 | 23≈17 | 18 ¥ 18 | 26 m 50 | 2중27 | 3≈17 | 24≈08 | 19 ¥ 16 | 27 m 52 | 3중22 | 4≈05 | 25≈00 | 20 ¥ 15 |
| 40S | 26m00 | 2중01 | 2≈59 | 23≈31 | 18 ∺ 21 | 27 m 03 | 2중56 | 3≈46 | 24≈22 | 19 X 19 | 28m05 | 3중50 | 4≈34 | 25≈14 | 20 ¥ 17 |
| 41S | 26m13 | 2ਰ31 | 3≈29 | 23≈46 | 18 ∺ 23 | 27 m 16 | 3ਰ25 | 4≈16 | 24≈37 | 19 X 21 | 28 m 19 | 4궁19 | 5≈03 | 25≈28 | 20 X 19 |
| 42S | 26 m 27 | 3중01 | 4≈00 | 24≈01 24×16 | 18 ¥ 26 | 27 m 30 27 m 45 | 3중55 | 4≈47 | 24≈51 25≈06 | 19 × 24 | 28 m 33 | 4849 | 5≈34 | 25≈42 25 57 | 20 ¥ 21 |
| 43S 44S | 26m41 26m56 | 3중32 4중04 | 4≈31 5≈04 | 24≈16 24≈31 | 18 ¥ 29 18 ¥ 32 | 27 11643 28 1600 | 4 3 26 4 3 58 | 5≈18 5≈50 | 25≈06 25≈21 | 19 X 26 19 X 29 | 28 m. 48 29 m. 03 | 5중20 5중52 | 6≈04 6≈36 | 25≈57 26≈11 | 20 \times 24 20 \times 26 |
| 45S | 27 m 12 | 4중38 | | | 18 X 35 | 28 m. 16 | 5중31 | 6≈22 | 25≈37 | 19 × 32 | 29 m 19 | 6 3 25 | 7 ≈ 08 | 26≈26 | 20 X 29 |
| 43S 46S | 27 m 29 | 5중13 | 5≈36 6≈10 | 24≈47 25≈03 | 18 X 38 | 28 m 32 | 6중06 | 6≈22 6≈55 | 25≈57 25≈53 | 19 X 32 | 29 m 36 | 6 공 59 | 7≈08 7≈40 | 26≈26 26≈42 | 20 H 29 |
| 47S | 27 m 46 | 5ਰ49 | 6≈44 | 25≈20 | 18 * 41 | 28 m 50 | 6중42 | 7≈29 | 26≈09 | 19 × 37 | 29 m 54 | 7중35 | 8≈14 | 26≈58 | 20 X 34 |
| 48S | 28m04 | 6중27 | 7≈19 | 25≈37 | 18 ¥ 44 | 29 m 08 | 7중20 | 8≈03 | 26≈26 | 19 X 40 | 0 ₹ 12 | 8중12 | 8≈48 | 27≈14 | 20 X 37 |
| 49S | 28 m 24 | 7중06 | 7≈55 | 25≈54 | 18 ¥ 48 | 29 m 28 | 7云59 | 8≈39 | 26≈43 | 19 ¥ 43 | 0 ₹ 32 | 8중51 | 9≈22 | 27≈31 | 20 ¥ 39 |
| 50S | 28 m 44 | 7중47 | 8≈32 | 26≈12 | 18¥51 | 29 m 48 | 8중39 | 9≈15 | 27≈00 | 19 × 47 | 0 ₹ 52 | 9중31 | 9≈58 | 27≈48 | 20 × 42 |
| 518 | 29 m 05 | 8중30 | 9≈09 048 | 26≈31 26×50 | 18 X 55 | 0 7 10 | 9중22 | 9≈52 1030 | 27≈18 | 19 X 50 | 1 7 14 | 10공57 | 10≈35 | 28≈05 2822 | 20 × 45 |
| 52S 53S | 29 m. 28 29 m. 53 | 9 궁 15 10 궁 02 | 9≈48 10≈28 | 26≈50 27≈09 | 18 ¥ 58 19 ¥ 02 | 0 ₹33 0 ₹58 | 10중06 10중53 | 10≈30 11≈09 | 27≈36 27≈55 | 19 X 53 19 X 57 | 1 ₹ 38 2 ₹ 02 | 10궁57 11궁44 | 11≈12 11≈51 | 28≈23 28≈42 | 20 \(\pm\) 48 20 \(\pm\) 51 |
| 54S | 0×19 | 10명52 | 11≈08 | 27≈29 | 19 × 06 | 1 × 24 | 11342 | 11≈49 | 28≈15 | 20 × 00 | 2 \$7 29 | 12332 | 12≈30 | 29≈01 | 20 × 55 |
| 55S | 0 <i>≱</i> 47 | 11중44 | 11≈50 | 27≈50 | 19 X 10 | 1 ₹ 52 | 12중34 | 12≈30 | 28≈35 | 20 × 04 | 2 ₹ 58 | 13 중 23 | 13≈10 | 29≈21 | 20 X 58 |
| 56S | 1 🗷 17 | 12중39 | 12≈33 | 28≈11 | 19 × 14 | 2 🗷 23 | 13328 | 13≈13 | 28≈56 | 20 × 08 | 3 ₹ 28 | 14817 | 13≈52 | 29≈41 | 21 × 01 |
| 57S | 1 ∡ 50 | 13중37 | 13≈17 | 28≈33 | 19 X 18 | 2 ₹ 56 | 14중25 | 13≈56 | 29≈17 | 20 X 12 | 4 ₹ 02 | 15중13 | 14≈35 | 0 ₩ 02 | 21 ¥ 05 |
| 58S | 2 ₹ 26 | 14궁39 | 14≈03 | 28≈56 | 19 ¥ 23 | 3 🗷 32 | 15326 | 14≈41 | 29≈40 | 20 ¥ 16 | 4 <i>₹</i> 38 | 16중13 | 15≈19 | 0 ¥ 23 | 21 ¥ 09 |
| 59S | 3 ₹ 05 | 15중44 | 14≈49 | 29≈19 | 19 € 28 | 4 ₹ 12 | 16중30 | 15≈27 | 0 X 03 | 20 € 20 | 5 ₹ 18 | 17중17 | 16≈04 | 0 X 46 | 21 X 13 |
| 60S | 3 × 49 | 16중53 | 15≈38 | 29≈44 | 19 × 33 | 4×156 | 17중39 | 16≈14 | 0 × 26 | 20 ¥ 25 | 6×03 | 18324 | 16≈51 | 1 X 09 | 21 × 17 |
| 618 | 4 ₹ 38 5 ₹ 33 | 18 궁 07 19 궁 26 | 16≈28 17≈19 | 0 X 09 0 X 35 | 19 X 38 19 X 43 | 5 ₹ 46 6 ₹ 42 | 18 궁 51 20 궁 09 | 17≈04 17≈54 | 0 X 51 1 X 17 | 20 \(\pi\) 30 20 \(\pi\) 35 | 6 ₹ 53 7 ₹ 50 | 19중35 20중52 | 17≈39 18≈29 | 1 X 33 1 X 58 | 21 ¥ 21 21 ¥ 26 |
| 62S 63S | 6×137 | 19 5 26 20 궁 50 | 17≈19 18≈12 | 1 X 03 | 19 X 43 | 7×147 | 20 5 09 21 중 32 | 17≈34 | 1 X 1 / | 20 X 35 20 X 40 | 8 × 56 | 20 6 32 22 중 13 | 18≈29 19≈21 | 2 X 24 | 21 X 26 |
| 64S | 7 ₹ 53 | 22 공 21 | 19≈07 | 1 X 31 | 19 X 55 | 9 🗷 04 | 23301 | 19≈41 | 2 X 11 | 20 X 45 | 10×14 | 23340 | 20≈14 | 2 X 51 | 21 × 36 |
| 65S | 9∡28 | 23중58 | 20≈04 | 2 X 01 | 20 × 01 | 10∡41 | 24중36 | 20≈36 | 2 X 40 | 20 X 51 | 11 ₹ 53 | 25중14 | 21≈09 | 3 ¥ 20 | 21 X 41 |
| | | | | | 20 × 08 | 12 \$\sigma 54\$ | 26중18 | 21≈34 | 3 X 11 | 20 × 57 | 14 🗷 10 | 26궁54 | 22≈06 | | 21 × 46 |
| 66S | 11 ∡ 37 | 25중43 | 21≈03 | 2 X 32 | 20π00 | 12 X. 24 | 20016 | 21≈34 | 27(11 | 201/37 | 14 X. 10 | 20034 | 22~00 | 3 X 49 | 217(70 |

| | Sid.Tir MC: | | 24m A :42'14 | RMC: 2 | 01°00' | Sid.Tir MC: | | 28m A 46'01 | RMC: 2 | 202°00' | Sid.Tir MC: | ne: 13h. 24 <u>0</u> | 32m A 49'40 | RMC: 2 | :03°00' |
|--------------------------|--------------------------------------|--|---|---|--|--------------------------------------|-------------------------------|--------------------------------|---|--|---|---------------------------------|---|---|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 23 m.23 | 21 ₹ 43 | 19궁24 | 18≈34 | 20 \times 12 | 24 m.21 | 22 ₹39 | 20궁20 | 19≈35 | 21 × 17 | 25 m.20 | 23 × 34 | 21궁16 | 20≈36 | 22 \times 22 |
| 1S | 23 m.29 | 21 ₹ 59 | 19궁46 | 18≈45 | 20 \times 13 | 24 m.28 | 22 ₹54 | 20궁42 | 19≈45 | 21 × 18 | 25 m.27 | 23 × 50 | 21궁39 | 20≈46 | 22 \times 23 |
| 2S | 23 m.36 | 22 ₹ 15 | 20궁09 | 18≈56 | 20 \times 15 | 24 m.35 | 23 ₹10 | 21궁05 | 19≈56 | 21 × 20 | 25 m.33 | 24 × 06 | 22궁01 | 20≈57 | 22 \times 24 |
| 3S | 23 m.43 | 22 ₹ 31 | 20중31 | 19≈06 | 20 X 16 | 24 m.42 | 23 ₹26 | 21중27 | 20≈07 | 21 X 21 | 25 m.40 | 24 ₹21 | 22 る 23 | 21≈07 | 22 ¥ 26 |
| 4S | 23 m.49 | 22 ₹ 47 | 20중54 | 19≈17 | 20 X 18 | 24 m.48 | 23 ₹42 | 21중50 | 20≈17 | 21 X 22 | 25 m.47 | 24 ₹37 | 22 る 45 | 21≈18 | 22 ¥ 27 |
| 5S 6S 7S | 23 m.56 24 m.03 24 m.10 | 23 ₹ 03 23 ₹ 19 23 ₹ 35 | 21궁16 21궁39 22궁01 | 19≈28 19≈39 19≈50 | 20 \times 19 20 \times 21 20 \times 22 | 24 m.55 25 m.02 25 m.09 | 23 ₹ 58 24 ₹ 14 24 ₹ 30 | 22중12 22중34 22중56 | $20 \approx 28$ $20 \approx 39$ $20 \approx 49$ | 21 \(\pm 23\) 21 \(\pm 25\) 21 \(\pm 26\) | 25 m.54 26 m.01 26 m.08 | 24 × 53 25 × 09 25 × 26 | 23 る08 23 る30 23 る52 | 21≈28 21≈38 21≈49 | 22 \times 28 22 \times 29 22 \times 30 |
| 8S 9S 10S | 24 m. 17 24 m. 24 24 m. 30 | 23×51 24×07 24×24 | 22523 22545 23508 | $20 \approx 00$ $20 \approx 11$ $20 \approx 21$ | 20 \times 23 20 \times 25 20 \times 26 | 25 m.16 25 m.23 25 m.30 | 24 ₹ 47 25 ₹ 03 25 ₹ 19 | 23중18 23중41 24중03 | $20 \approx 59$ $21 \approx 10$ $21 \approx 20$ | 21 \times 27 21 \times 29 21 \times 30 | 26 m. 15 26 m. 22 26 m. 29 | 25 × 42 25 × 58 26 × 15 | 24궁14 24궁36 24궁58 | 21≈59 22≈09 22≈19 | 22 \ 31 22 \ 32 22 \ 33 |
| 11S | 24 m. 38 | 24 × 40 | 23 \(\frac{3}{3}\)0 23 \(\frac{5}{3}\)0 23 \(\frac{5}{3}\)0 24 \(\frac{3}{3}\)7 | 20≈32 | 20 \times 28 | 25 m. 37 | 25 ₹ 36 | 24325 | 21≈31 | 21 \ 31 | 26 m. 36 | 26 ₹31 | 25る20 | 22≈29 | 22 \times 35 |
| 12S | 24 m. 45 | 24 × 57 | | 20≈43 | 20 \times 29 | 25 m. 44 | 25 ₹ 52 | 24347 | 21≈41 | 21 \ 32 | 26 m. 43 | 26 ₹48 | 25る42 | 22≈40 | 22 \times 36 |
| 13S | 24 m. 52 | 25 × 14 | | 20≈53 | 20 \times 31 | 25 m. 51 | 26 ₹ 09 | 25309 | 21≈51 | 21 \ 34 | 26 m. 51 | 27 ₹05 | 26る04 | 22≈50 | 22 \times 37 |
| 14S | 24 m. 59 | 25 × 31 | | 21≈04 | 20 \times 32 | 25 m. 59 | 26 ₹ 26 | 25331 | 22≈02 | 21 \ 35 | 26 m. 58 | 27 ₹22 | 26る26 | 23≈00 | 22 \times 38 |
| 15S | 25 m.06 | 25 ₹ 48 | 25중00 | 21≈14 | 20 \times 34 | 26 m. 06 | 26 ₹ 43 | 25 354 | 22≈12 | 21 \times 36 | 27 m.06 | 27 x 39 | 26号48 | 23≈10 | 22 \ 39 |
| 16S | 25 m.14 | 26 ₹ 05 | 25중22 | 21≈25 | 20 \times 35 | 26 m. 14 | 27 ₹ 01 | 26 316 | 22≈23 | 21 \times 38 | 27 m.13 | 27 x 56 | 27号10 | 23≈20 | 22 \ 40 |
| 17S | 25 m.22 | 26 ₹ 23 | 25중45 | 21≈36 | 20 \times 37 | 26 m. 21 | 27 ₹ 18 | 26 338 | 22≈33 | 21 \times 39 | 27 m.21 | 28 x 14 | 27号32 | 23≈31 | 22 \ 41 |
| 18S | 25 m.29 | 26 ₹ 41 | 26중08 | 21≈46 | 20 \times 38 | 26 m. 29 | 27 ₹ 36 | 27 301 | 22≈44 | 21 \times 40 | 27 m.29 | 28 x 31 | 27号55 | 23≈41 | 22 \ 43 |
| 19S | 25 m.37 | 26 ₹ 59 | 26중30 | 21≈57 | 20 \times 40 | 26 m. 37 | 27 ₹ 54 | 27 324 | 22≈54 | 21 \times 42 | 27 m.37 | 28 x 49 | 28号17 | 23≈51 | 22 \ 44 |
| 20S | 25 m.45 | 27 × 17 | 26궁53 | 22≈08 | 20 \times 41 | 26 m. 45 | 28 × 12 | 27346 | 23≈05 | 21 \times 43 | 27 m.45 | 29 × 07 | 28♂40 | 24≈01 | 22 \times 45 |
| 21S | 25 m.53 | 27 × 35 | 27궁16 | 22≈19 | 20 \times 43 | 26 m. 53 | 28 × 31 | 28309 | 23≈15 | 21 \times 44 | 27 m.53 | 29 × 26 | 29♂02 | 24≈12 | 22 \times 46 |
| 22S | 26 m.01 | 27 × 54 | 27궁40 | 22≈30 | 20 \times 44 | 27 m. 01 | 28 × 49 | 28332 | 23≈26 | 21 \times 46 | 28 m.01 | 29 × 44 | 29♂25 | 24≈22 | 22 \times 47 |
| 23S | 26 m.09 | 28 × 13 | 28궁03 | 22≈41 | 20 \times 46 | 27 m. 10 | 29 × 08 | 28356 | 23≈37 | 21 \times 47 | 28 m.10 | 0 云 03 | 29♂48 | 24≈33 | 22 \times 48 |
| 24S | 26 m.18 | 28 × 32 | 28궁27 | 22≈52 | 20 \times 47 | 27 m. 18 | 29 × 28 | 29319 | 23≈47 | 21 \times 48 | 28 m.19 | 0 云 23 | 0≈11 | 24≈43 | 22 \times 50 |
| 25S | 26 m. 27 | 28 ₹ 52 | 28♂50 | 23≈03 | 20 \times 49 | 27 m.27 | 29 🗷 47 | 29⋜42 | 23≈58 | 21 ± 50 | 28 m. 27 | 0중42 | 0≈34 | 24≈54 | 22 \times 51 |
| 26S | 26 m. 36 | 29 ₹ 12 | 29♂14 | 23≈14 | 20 \times 50 | 27 m.36 | 0 3 0 7 | 0≈06 | 24≈09 | 21 ± 51 | 28 m. 36 | 1중02 | 0≈58 | 25≈05 | 22 \times 52 |
| 27S | 26 m. 45 | 29 ₹ 32 | 29♂39 | 23≈25 | 20 \times 52 | 27 m.45 | 0 3 2 7 | 0≈30 | 24≈20 | 21 ± 53 | 28 m. 46 | 1중22 | 1≈22 | 25≈15 | 22 \times 53 |
| 28S | 26 m. 54 | 29 ₹ 53 | 0≈03 | 23≈37 | 20 \times 54 | 27 m.55 | 0 3 4 8 | 0≈54 | 24≈32 | 21 ± 54 | 28 m. 55 | 1중43 | 1≈45 | 25≈26 | 22 \times 55 |
| 29S | 27 m.03 | 0중14 | 0≈28 | 23≈48 | 20 \times 55 | 28 m. 04 | 1 3 09 | 1≈19 | 24≈43 | 21 ± 56 | 29 m. 05 | 2304 | $2 \approx 10$ $2 \approx 34$ $2 \approx 59$ | 25≈37 | 22 \times 56 |
| 30S | 27 m.13 | 0중36 | 0≈53 | 24≈00 | 20 \times 57 | 28 m. 14 | 1 3 31 | 1≈43 | 24≈54 | 21 ± 57 | 29 m. 15 | 2326 | | 25≈48 | 22 \times 57 |
| 31S | 27 m.23 | 0중58 | 1≈18 | 24≈12 | 20 \times 59 | 28 m. 24 | 1 3 53 | 2≈08 | 25≈06 | 21 ± 59 | 29 m. 25 | 2348 | | 26≈00 | 22 \times 59 |
| 32S | 27 m. 33 | 1중21 | 1≈44 | 24≈24 | 21 \(\times 00\) 21 \(\times 02\) 21 \(\times 04\) | 28 m. 34 | 2정15 | 2≈34 | 25≈17 | 22 \times 00 | 29 m. 35 | 3중10 | 3≈24 | 26≈11 | 23 ¥ 00 |
| 33S | 27 m. 44 | 1중44 | 2≈09 | 24≈36 | | 28 m. 45 | 2정38 | 2≈59 | 25≈29 | 22 \times 02 | 29 m. 46 | 3중33 | 3≈49 | 26≈23 | 23 ¥ 01 |
| 34S | 27 m. 55 | 2중08 | 2≈36 | 24≈48 | | 28 m. 56 | 3정02 | 3≈25 | 25≈41 | 22 \times 03 | 29 m. 57 | 3중56 | 4≈15 | 26≈34 | 23 ¥ 03 |
| 35S | 28 m 06 | 2532 | 3≈02 | 25≈00 | 21 ± 06 | 29 m.07 | 3중26 | 3≈51 | 25≈53 | 22 \times 05 | 0 ₹ 08 | 4정21 | 4≈41 | 26≈46 | 23 × 04 |
| 36S | 28 m 17 | 2557 | 3≈29 | 25≈13 | 21 ± 07 | 29 m.19 | 3중51 | 4≈18 | 26≈05 | 22 \times 06 | 0 ₹ 20 | 4정45 | 5≈07 | 26≈58 | 23 × 05 |
| 37S | 28 m 29 | 3522 | 3≈57 | 25≈26 | 21 ± 09 | 29 m.31 | 4중17 | 4≈45 | 26≈18 | 22 \times 08 | 0 ₹ 32 | 5정11 | 5≈34 | 27≈10 | 23 × 07 |
| 38S | 28 m 41 | 3549 | 4≈24 | 25≈39 | 21 ± 11 | 29 m.43 | 4중43 | 5≈13 | 26≈31 | 22 \times 10 | 0 ₹ 45 | 5정37 | 6≈01 | 27≈23 | 23 × 08 |
| 39S | 28 m 54 | 4516 | 4≈53 | 25≈52 | 21 ± 13 | 29 m.56 | 5중10 | 5≈40 | 26≈43 | 22 \times 11 | 0 ₹ 58 | 6정03 | 6≈28 | 27≈35 | 23 × 10 |
| 40S | 29 m.07 | 4344 | 5≈21 | 26≈05 | 21 ¥ 15 | 0 ₹ 09 | 5 3 8 | 6≈09 | 26≈57 | 22 \times 13 | 1 ₹ 11 | 6 3 31 | 6≈56 | 27≈48 | 23 ¥ 11 |
| 41S | 29 m.21 | 5313 | 5≈51 | 26≈19 | 21 ¥ 17 | 0 ₹ 23 | 6 3 06 | 6≈38 | 27≈10 | 22 \times 15 | 1 ₹ 25 | 7 3 00 | 7≈25 | 28≈01 | 23 ¥ 13 |
| 42S | 29 m.35 | 5342 | 6≈20 | 26≈33 | 21 ¥ 19 | 0 ₹ 38 | 6 3 36 | 7≈07 | 27≈23 | 22 \times 17 | 1 ₹ 39 | 7 3 29 | 7≈54 | 28≈14 | 23 ¥ 15 |
| 43S | 29 m.50 | 6정13 | 6≈51 | 26≈47 | 21 \times 21 | 0 ₹ 53 | 7정06 | 7≈37 | 27≈37 | 22 \times 19 | 1 × 54 | 7중59 | 8≈23 | 28≈28 | 23 \times 16 |
| 44S | 0 ≈ 06 | 6정45 | 7≈22 | 27≈01 | 21 \times 23 | 1 ₹ 08 | 7정38 | 8≈07 | 27≈51 | 22 \times 21 | 2 × 10 | 8중31 | 8≈53 | 28≈42 | 23 \times 18 |
| 45S | 0 ≈ 22 | 7정18 | 7≈53 | 27≈16 | 21 \times 26 | 1 ₹ 24 | 8정10 | 8≈38 | 28≈06 | 22 \times 23 | 2 × 27 | 9중03 | 9≈24 | 28≈56 | 23 \times 20 |
| 46S 47S 48S 49S | 0 ₹ 39 0 ₹ 57 1 ₹ 15 1 ₹ 35 | 7 3 52 8 3 27 9 3 04 9 3 43 | 8≈25 8≈58 9≈32 10≈06 | 27≈31 27≈47 28≈03 28≈19 | 21 \times 28 21 \times 30 21 \times 33 21 \times 35 | 1 ₹ 42 2 ₹ 00 2 ₹ 18 2 ₹ 38 | 8정44 9정20 9정56 10정34 | 9≈10 9≈43 10≈16 10≈50 | $28 \approx 21$ $28 \approx 36$ $28 \approx 51$ $29 \approx 07$ | 22 \times 25 22 \times 27 22 \times 29 22 \times 31 | 2 × 44 3 × 02 3 × 21 3 × 41 | 9337 10312 10348 11326 | 9≈55 10≈27 11≈00 11≈33 | $29 \approx 10$ $29 \approx 25$ $29 \approx 40$ $29 \approx 55$ | 23 \times 22 23 \times 23 23 \times 25 23 \times 27 |
| 50S | 1 \$\times 56 | 10323 | 10≈41 | 28≈35 | 21 \times 38 | 2 × 59 | 11314 | 11≈24 | 29≈23 | 22 ± 33 | 4×02 | 12305 | 12≈07 | 0 X 11 | 23 ¥ 29 |
| 51S | 2 \$\times 18 | 11304 | 11≈17 | 28≈53 | 21 \times 40 | 3 × 22 | 11355 | 12≈00 | 29≈40 | 22 ± 36 | 4×25 | 12346 | 12≈42 | 0 X 27 | 23 ¥ 31 |
| 52S | 2 \$\times 42 | 11348 | 11≈54 | 29≈10 | 21 \times 43 | 3 × 45 | 1238 | 12≈36 | 29≈57 | 22 ± 38 | 4×48 | 13329 | 13≈18 | 0 X 44 | 23 ¥ 33 |
| 53S | 3 ₹ 07 | 12334 | 12≈32 | 29≈28 | 21 \times 46 | 4 ₹ 10 | 13중24 | 13≈13 | 0 \times 15 | 22 \times 41 | 5 × 14 | 14정13 | 13≈55 | 1 X 01 | 23 \times 36 |
| 54S | 3 ₹ 33 | 13322 | 13≈11 | 29≈47 | 21 \times 49 | 4 ₹ 37 | 14중11 | 13≈51 | 0 \times 33 | 22 \times 43 | 5 × 41 | 15정00 | 14≈32 | 1 X 19 | 23 \times 38 |
| 55S | 4 ₹ 02 | 14312 | 13≈51 | 0 ± 06 | 21 \times 52 | 5 ₹ 07 | 15중01 | 14≈31 | 0 \times 51 | 22 \times 46 | 6 × 10 | 15정50 | 15≈11 | 1 X 37 | 23 \times 40 |
| 56S | 4 ₹ 33 | 15중05 | 14≈32 | 0 \times 26 | 21 \times 55 | 5 ₹ 38 | 15중53 | 15≈11 | 1 X 11 | 22 \ 49 | 6 ₹ 42 | 16중41 | 15≈50 | 1 * 56 | 23 \ 43 |
| 57S | 5 ₹ 07 | 16중01 | 15≈14 | 0 \times 46 | 21 \times 58 | 6 ₹ 12 | 16중49 | 15≈52 | 1 X 31 | 22 \ 52 | 7 ₹ 16 | 17중36 | 16≈31 | 2 * 15 | 23 \ 45 |
| 58S | 5 ₹ 44 | 17중00 | 15≈57 | 1 \times 07 | 22 \times 02 | 6 ₹ 49 | 17중47 | 16≈35 | 1 X 51 | 22 \ 55 | 7 ₹ 54 | 18중33 | 17≈13 | 2 * 35 | 23 \ 48 |
| 59S | 6₹24 | 18궁03 | 16≈42 | 1 X 29 | 22 \times 05 | 7 ₹ 30 | 18궁49 | 17≈19 | 2 1 13 | 22 \times 58 | 8 \$\tilde{3}5\$ 9 \$\tilde{2}0\$ 10 \$\tilde{x}\$ 12 | 19중34 | 17≈56 | 2 + 56 | 23 \times 51 |
| 60S | 7₹09 | 19궁09 | 17≈28 | 1 X 52 | 22 \times 09 | 8 ₹ 15 | 19궁54 | 18≈04 | 2 1 35 | 23 \times 01 | | 20중39 | 18≈41 | 3 + 17 | 23 \times 54 |
| 61S | 8₹00 | 20궁19 | 18≈15 | 2 X 15 | 22 \times 13 | 9 ₹ 06 | 21궁03 | 18≈51 | 2 1 57 | 23 \times 05 | | 21중47 | 19≈27 | 3 + 40 | 23 \times 57 |
| 62S 63S 64S | 8 ₹ 57 10 ₹ 04 11 ₹ 23 | 21334 22354 24320 | 19≈04 19≈55 20≈47 | 2 × 40 2 × 40 3 × 05 3 × 31 | 22 \times 17 22 \times 21 22 \times 26 | 10 ₹ 04 11 ₹ 11 12 ₹ 32 | 22317 23336 25300 | 19≈39 20≈29 21≈20 | 3 \times 21 3 \times 46 4 \times 12 | 23 × 08 23 × 12 23 × 16 | 11 × 10 12 × 18 13 × 40 | 22359 24317 25339 | $20 \approx 14$ $21 \approx 03$ $21 \approx 54$ | 4 ± 03 4 ± 27 4 ± 52 | 24 \times 00 24 \times 03 24 \times 07 |
| 65S | 13 ₹ 04 | 25る52 | 21≈41 | 3 X 59 | 22 \ 31 | 14 ₹ 14 | 26중29 | 22≈13 | 4 ★ 38 | 23 \times 20 | 15 ₹23 | 27중07 | 22≈46 | 5 X 18 | 24 \times 10 |
| 66S | 15 ₹ 25 | 27る30 | 22≈37 | 4 X 28 | 22 \ 36 | 16 ₹ 39 | 28중06 | 23≈08 | 5 ★ 06 | 23 \times 25 | 17 ₹52 | 28중41 | 23≈40 | 5 X 45 | 24 \times 14 |
| pc | 17 ₹ 38 | 28る28 | 23≈09 | 4 X 44 | 22 \ 38 | 19 ₹ 01 | 29중03 | 23≈40 | 5 ★ 23 | 23 \times 27 | 20 ₹24 | 29중37 | 24≈11 | 6 X 01 | 24 \times 16 |

| | Sid.Tir MC: | | 36m A :53'10 | RMC: 2 | 04°00' | Sid.Tir MC: | | 40m A :56'31 | RMC: 2 | 205°00' | Sid.Tir MC: | ne: 13h4 27 <u>₽</u> | 44m A :59'42 | RMC: 2 | 206°00' |
|------------|--------------------|----------------------------------|----------------------------------|--|--|--------------------------------|--------------------------------|----------------------------------|--|--|----------------------------------|--------------------------------|----------------------------------|--|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 26m.18 | 24 ₹ 29 | 22중13 | 21≈37 | 23 X 27 | 27 m 16 | 25 ₹ 24 | 23궁09 | 22≈38 | 24 ¥ 33 | 28 m. 14 | 26 ₹ 19 | 24궁06 | 23≈40 | 25 ¥ 38 |
| 1S | 26m25 | 24 ₹ 45 | 22쥥35 | 21≈47 | 23 ¥ 28 | 27 m 23 | 25 ₹ 40 | 23중31 | 22≈49 | 24 X 34 | 28m21 | 26 ₹ 35 | 24중28 | 23≈50 | 25 ¥ 39 |
| 2S | 26m32 | 25 ₹ 01 | 22중57 | 21≈58 | 23 X 29 | 27 m 30 | 25 ₹ 56 | 23중54 | 22≈59 | 24 X 34 | 28 m 28 | 26 ₹ 51 | 24궁50 | 24≈00 | 25 ¥ 39 |
| 38 | 26m39 | 25 🗷 17 | 23중19 | 22≈08 | 23 ¥ 30 | 27 m 37 | 26 🗷 12 | 24316 | 23≈09 | 24 + 35 | 28m35 | 27 🗷 07 | 25중12 | 24≈10 | 25 X 40 |
| 4S | 26m46 | 25 ₹ 33 | 23중41 | 22≈18 | 23 X 31 | 27 m 44 | 26 ₹ 28 | 24궁37 | 23≈19 | 24 X 36 | 28 m.42 | 27 ₹ 23 | 25중34 | 24≈20 | 25 ¥ 41 |
| 5S | 26m53 | 25 ₹ 49 | 24궁03 | 22≈28 | 23 X 32 | 27 m 51 | 26 ₹ 44 | 24궁59 | 23≈29 | 24 X 37 | 28m49 | 27 ₹ 39 | 25중55 | 24≈29 | 25 ¥ 41 |
| 6S | 27m.00 | 26 \$\squad 05 | 24325 | 22≈38 | 23 ¥ 33 | 27 m 58 | 27 🗷 00 | 25중21 | 23≈39 | 24 ¥ 38 | 28m.57 | 27 🗷 55 | 26중17 | 24≈39 | 25 ¥ 42 |
| 7S 8S | 27 m.07 27 m.14 | 26 ₹ 21 26 ₹ 37 | 24 3 47 25 3 09 | 22≈48 22≈58 | 23 \times 34 23 \times 35 | 28 m 05 28 m 12 | 27 × 16 27 × 32 | 25 궁 43 26 궁 04 | 23≈48 23≈58 | 24 ¥ 38 24 ¥ 39 | 29 m. 04 29 m. 11 | 28 x 11 28 x 27 | 26중38 27중00 | 24≈48 24≈58 | 25 \times 43 25 \times 43 |
| 9S | 27 m 21 | 26 x 53 | 25중31 | 22≈38 23≈08 | 23 X 35 | 28 m 20 | 27 x 32 27 x 49 | 26 공 26 | 23≈38 24≈08 | 24 X 39 | 29 m 18 | 28 x 44 | 27 8 00 27 8 21 | 24≈38 25≈08 | 25 X 44 |
| 10S | 27 m.28 | 27 × 10 | 25중53 | 23≈18 | 23 X 37 | 28 m 27 | 28 🗷 05 | 26정48 | 24≈18 | 24 X 41 | 29 m 25 | 29 \$7 00 | 27843 | 25≈17 | 25 X 44 |
| 11S | 27 m 35 | 27 x 10 27 x 26 | 26중14 | 23≈18 | 23 X 37 | 28 m 34 | 28 x 22 | 27중09 | 24≈18 24≈27 | 24 X 41 | 29 m 33 | 29 x·00 | 28 중 04 | 25≈17 | 25 X 45 |
| 12S | 27 m 43 | 27 × 43 | 26중36 | 23≈38 | 23 X 39 | 28 m 42 | 28 × 38 | 27중31 | 24≈37 | 24 X 42 | 29 m 40 | 29 🗷 33 | 28중26 | 25≈36 | 25 × 46 |
| 13S | 27 m 50 | 28 ₹ 00 | 26중58 | 23≈48 | 23 X 40 | 28 m 49 | 28 ₹ 55 | 27853 | 24≈47 | 24 X 43 | 29 m 48 | 29 ₹ 50 | 28847 | 25≈46 | 25 ¥ 46 |
| 14S | 27 m 58 | 28 ₮ 17 | 27る20 | 23≈58 | 23 X 41 | 28 m 57 | 29 ₮ 12 | 28중14 | 24≈57 | 24 X 44 | 29 m 55 | 0중07 | 29る09 | 25≈55 | 25 ¥ 47 |
| 15S | 28m05 | 28 ₮ 34 | 27342 | 24≈08 | 23 X 42 | 29 m 04 | 29 🗷 29 | 28중36 | 25≈06 | 24 ¥ 45 | 0 ₹ 03 | 0중24 | 29궁30 | 26≈05 | 25 ¥ 48 |
| 16S | 28 m 13 | 28×51 | 28중04 | 24≈18 | 23 X 43 | 29 m 12 | 29 ₹ 46 | 28중58 | 25≈16 | 24 X 46 | 0 <i>≱</i> 11 | 0중41 | 29궁52 | 26≈14 | 25 ¥ 48 |
| 17S | 28 m.21 | 29 ₮ 09 | 28궁26 | 24≈28 | 23 X 44 | 29 m 20 | 0중04 | 29궁20 | 25≈26 | 24 X 46 | 19 حم | 0궁59 | 0≈14 | 26≈24 | 25 X 49 |
| 18S | 28 m. 28 | 29 🗷 26 | 28348 | 24≈38 | 23 X 45 | 29 m 28 | 0중21 | 29342 | 25≈36 | 24 X 47 | 0 7 27 | 1316 | 0≈35 | 26≈33 | 25 ¥ 50 |
| 19S | 28m36 | 29 ₹ 44 | 29중10 | 24≈48 | 23 X 46 | 29 m 36 | 0중39 | 0≈04 | 25≈45 | 24 X 48 | 0 ₹35 | 1중34 | 0≈57 | 26≈43 | 25 X 50 |
| 20S | 28 m 45 | 0중02 | 29중33 | 24≈58 | 23 X 47 | 29 m 44 | 0중57 | 0≈26 | 25≈55 | 24 × 49 | 0 ₹ 43 | 1공52 | 1≈19 | 26≈52 | 25 ¥ 51 |
| 21S 22S | 28 m.53 29 m.01 | 0 3 21 0 3 39 | 29 ට 55 0≈18 | 25≈08 25≈19 | 23 \times 48 23 \times 49 | 29 m.52 0 ≈ 01 | 1 3 16 1 3 34 | 0≈48 1≈10 | 26≈05 26≈15 | 24 X 50 24 X 51 | 0 ₹ 52 1 ₹ 00 | 2 3 11 2 3 29 | 1≈41 2≈03 | 27≈02 27≈12 | 25 \times 52 25 \times 52 |
| 22S 23S | 29 m 10 | 0539 | 0≈18 | 25≈19 25≈29 | 23 X 49 23 X 50 | 0 x · 01 | 1853 | 1≈10 | 26≈13 26≈25 | 24 X 51 24 X 52 | 1 2 00 | 2548 | 2≈03 2≈25 | 27≈12 27≈22 | 25 H 52 |
| 24S | 29 m 19 | 1318 | 1≈03 | 25≈29 25≈39 | 23 X 51 | 0x 10 | 2 3 12 | 1≈55 | 26≈25 26≈35 | 24 × 52 | 1 \$7 18 | 3중07 | 2≈23 2≈48 | 27≈22 27≈31 | 25 X 54 |
| 25S | 29 m 27 | 1중37 | 1≈26 | 25≈50 | 23 X 52 | 0 <i>≱</i> 27 | 2중32 | 2≈18 | 26≈45 | 24 X 53 | 1 ₹ 27 | 3중26 | 3≈10 | 27≈41 | 25 X 54 |
| 26S | 29 m 37 | 1357 | 1≈50 | 26≈00 | 23 X 53 | 0 ₹ 36 | 2 3 52 | 2≈41 | 26≈56 | 24 X 54 | 1 🗷 36 | 3 3 26 | 3≈33 | 27≈51 | 25 X 55 |
| 27S | 29 m 46 | 2중17 | 2≈13 | 26≈11 | 23 X 54 | 0 ≉ 46 | 3ਰ12 | 3≈04 | 27≈06 | 24 X 55 | 1 ≉ 46 | 4중06 | 3≈56 | 28≈01 | 25 X 56 |
| 28S | 29 m 55 | 2중38 | 2≈37 | 26≈21 | 23 X 55 | 0 ≯ 55 | 3ਰ32 | 3≈28 | 27≈16 | 24 X 56 | 1 ₹ 55 | 4중27 | 4≈19 | 28≈11 | 25 X 57 |
| 29S | 0 ₹ 05 | 2중59 | 3≈01 | 26≈32 | 23 X 56 | 1 ₹ 05 | 3중53 | 3≈51 | 27≈27 | 24 X 57 | 2 ₹ 05 | 4중48 | 4≈42 | 28≈22 | 25 X 57 |
| 30S | 0 <i>≱</i> 15 | 3중20 | 3≈25 | 26≈43 | 23 X 58 | 1 ₹ 15 | 4궁15 | 4≈15 | 27≈37 | 24 ¥ 58 | 2 ₹ 15 | 5중09 | 5≈06 | 28≈32 | 25 X 58 |
| 318 | 0 ₹ 25 | 3342 | 3≈49 | 26≈54 | 23 X 59 | 1 🗷 26 | 4중36 | 4≈39 | 27≈48 | 24 X 59 | 2 🗷 26 | 5중31 | 5≈30 5 ≤ 54 | 28≈42 | 25 X 59 |
| 32S 33S | 0 ₹ 36 0 ₹ 47 | 4중04 4중27 | 4≈14 4≈39 | 27≈05 27≈16 | 24 \(\pm\) 00 24 \(\pm\) 01 | 1 ∡ 36 1 ∡ 47 | 4중59 5중21 | 5≈04 5≈29 | 27≈59 28≈10 | 25 \times 00 25 \times 01 | 2 ₹ 36 2 ₹ 47 | 5 궁 53 6 궁 15 | 5≈54 6≈18 | 28≈53 29≈04 | 26 \(\pm\) 00 26 \(\pm\) 00 |
| 34S | 0×47 | 4정51 | 5≈04 | 27≈18 27≈28 | 24 × 02 | 1 \$7 58 | 5 3 45 | 5≈53 | 28≈21 | 25 × 02 | 2 \$7 58 | 6중39 | 6≈43 | 29≈14 | 26 × 01 |
| 35S | 1 ₹ 09 | 5중15 | 5≈30 | 27≈39 | 24 X 03 | 2 ₹ 10 | 6궁09 | 6≈19 | 28≈32 | 25 ¥ 03 | 3 × 10 | 7云02 | 7≈08 | 29≈25 | 26 ¥ 02 |
| 36S | 1 7 21 | 5중39 | 5≈56 | 27≈51 | 24 × 05 | 2 🗷 22 | 6중33 | 6≈44 | 28≈44 | 25 × 04 | 3 × 22 | 7중27 | 7≈33 | 29≈36 | 26 × 03 |
| 37S | 1 ₹ 33 | 6중04 | 6≈22 | 28≈03 | 24 X 06 | 2 ∡ 34 | 6중58 | 7≈10 | 28≈55 | 25 ¥ 05 | 3 ≉ 34 | 7중52 | 7≈59 | 29≈48 | 26 X 04 |
| 38S | 1 ₹ 46 | 6중30 | | | 24 X 07 | | 7중24 | | 29≈07 | 25 ¥ 06 | 3 ₹ 47 | 8중17 | 8≈25 | | 26 X 05 |
| 39S | 1 ₹ 59 | 6중57 | 7≈16 | 28≈27 | 24 X 08 | 3 ₹ 00 | 7る50 | 8≈04 | 29≈19 | 25 ₩ 07 | 4 ₹ 00 | 8344 | 8≈51 | 0 × 11 | 26 X 05 |
| 40S | 2 ₹ 12 | 7중24 | 7≈44 | 28≈39 | 24 ¥ 10 | 3 ∡ 13 | 8물18 | 8≈31 | 29≈31 | 25 ¥ 08 | 4 <i>≯</i> 14 | 9중11 | 9≈18 | 0 ¥ 23 | 26 X 06 |
| 418 | 2 🗷 26 | 7중53 | 8≈12 | 28≈52 20 05 | 24 X 11 | 3 🗷 27 | 8346 | 8≈59 0 27 | 29≈43 | 25 × 10 | 4 🗷 28 | 9중39 | 9≈46 | 0 X 35 | 26 × 07 |
| 42S 43S | 2 ₹ 41 2 ₹ 56 | 8 중 22 8 중 52 | 8≈40 9≈09 | 29≈05 29≈18 | 24 X 12 24 X 14 | 3 ₹ 42 3 ₹ 57 | 9 궁 15 9 궁 45 | 9≈27 9≈55 | 29≈56 0 X 09 | 25 X 10 25 X 11 | 4 ₹ 43 4 ₹ 59 | 10중07 10중37 | 10≈13 | 0 X 47 0 X 59 | 26 \times 08 26 \times 09 |
| 43S 44S | 2 x 30 3 ₹ 12 | 8 6 32 9 3 23 | 9≈09 | 29≈18 29≈32 | 24 X 14 24 X 15 | 3 × 37 4 × 13 | 10중16 | 9≈33 10≈25 | 0 X 09 | 25 X 11 | 5 x 15 | 11중08 | 10≈42 11≈10 | 1 X 12 | 26 X 10 |
| 45S | 3 ₹ 29 | 9중55 | 10≈09 | 29 ≈ 45 | 24 X 17 | 4 <i>₹</i> 130 | 10중47 | 10≈54 | 0 X 35 | 25 X 14 | 5 x 31 | 11339 | 11≈40 | 1 X 25 | 26 X 11 |
| 46S | 3×29 | 10궁29 | 10≈09 | 29≈43 29≈59 | 24 X 18 | 4×30 | 11321 | 11≈25 | 0 X 49 | 25 X 15 | 5×31 | 12312 | 12≈10 | 1 X 23 | 26 X 12 |
| 47S | 4 ₹ 04 | 11중03 | 11≈11 | 0 X 14 | 24 X 20 | 5 ₹ 06 | 11공55 | 11≈56 | 1 X 03 | 25 X 16 | 6 <i>≱</i> 07 | 12346 | 12≈40 | 1 X 52 | 26 X 13 |
| 48S | 4 <i>≯</i> 23 | 11중39 | 11≈44 | 0 ¥ 28 | 24 X 22 | 5 ₹ 25 | 12중31 | 12≈28 | 1 X 17 | 25 X 18 | 6₹27 | 13322 | 13≈11 | 2 X 06 | 26 X 14 |
| 49S | 4 <i>≯</i> 43 | 12중17 | 12≈16 | 0 X 43 | 24 X 23 | 5 ₹ 45 | 13중08 | 13≈00 | 1 X 32 | 25 X 19 | 6 ₹ 47 | 13중58 | 13≈43 | 2 X 20 | 26 X 15 |
| 50S | 5 ₹ 05 | 12궁56 | 12≈50 | 0 X 59 | 24 ¥ 25 | 6 ₹ 07 | 13중46 | 13≈33 | 1 X 47 | 25 X 21 | 7 ₹ 09 | 14궁37 | 14≈16 | 2 X 35 | 26 X 16 |
| 51S | 5 ₹ 27 | 13중36 | 13≈24 | 1 X 15 | 24 × 27 | 6₹30 | 14326 | 14≈07 | 2 × 02 | 25 ¥ 22 | 7 ₹ 32 | 15316 | 14≈49 | 2 X 50 | 26 × 18 |
| 52S | 5 x 51 | 14궁19 | 14≈00 | 1 X 31 | 24 ¥ 28 | 6 × 54 | 15 궁 08 | 14≈42 15×17 | 2 X 18 | 25 ¥ 24 | 7 × 56 | 15 공 58 | 15≈23 | 3 X 05 | 26 ¥ 19 |
| 53S 54S | 6∡17 6∡44 | 15 る 03 15 る 49 | 14≈36 15≈13 | 1 X 48 2 X 05 | 24 \times 30 24 \times 32 | 7 ₹ 20 7 ₹ 47 | 15중52 16중38 | 15≈17 15≈54 | 2 X 34 2 X 51 | 25 \times 25 25 \times 27 | 8 ₹ 22 8 ₹ 49 | 16중41 17중27 | 15≈58 16≈34 | 3 X 21 3 X 37 | 26 \times 20 26 \times 21 |
| 55S | 7 7 14 | 16중38 | 15≈51 | 2 X 23 | 24 X 34 | 8 2 17 | 17중26 | 16≈31 | 3 × 08 | 25 X 29 | 9,719 | 18314 | 17≈11 | 3 X 54 | 26 × 23 |
| 56S | 7×14 | 17 공 29 | 15≈31 | 2 X 23 | 24 X 34 | 8×17 | 18중17 | 10≈31 | 3 X 26 | 25 X 29 | 92.19 | 19804 | 17≈11 | 4 X 11 | 26 H 24 |
| 57S | 8×20 | 18823 | 17≈10 | 3 × 00 | 24 × 39 | 9 🗷 23 | 19중10 | 17≈49 | 3 X 44 | 25 × 32 | 10 🗷 26 | 19궁56 | 18≈28 | 4 X 29 | 26 × 26 |
| 58S | 8 ₹ 58 | 19중20 | 17≈51 | 3 X 19 | 24 X 41 | 10 ₹ 01 | 20중06 | 18≈29 | 4 ¥ 03 | 25 X 34 | 11 ≉ 04 | 20중52 | 19≈07 | 4 X 47 | 26¥27 |
| 59S | 9∡39 | 20중20 | 18≈34 | 3 X 39 | 24 X 43 | 10 ∡ 43 | 21중05 | 19≈11 | 4 ¥ 23 | 25 ¥ 36 | 11 ∡ 46 | 21궁50 | 19≈49 | 5 X 06 | 26 X 29 |
| 60S | 10 ₹ 25 | 21중23 | 19≈18 | 4 ¥ 00 | 24 X 46 | 11 ∡ 29 | 22중07 | 19≈54 | 4 ∺ 43 | 25 ¥ 38 | 12 ₹ 33 | 22중51 | 20≈31 | 5 ∺ 26 | 26 X 30 |
| 61S | 11 🗷 17 | 22중30 | 20≈03 | 4 ¥ 22 | 24 × 48 | 12 7 21 | 23중13 | 20≈39 | 5 × 04 | 25 ¥ 40 | 13 🗷 25 | 23궁56 | 21≈14 | 5 X 46 | 26 ¥ 32 |
| 62S | 12 🗷 15 | 23341 | 20≈49 2127 | 4 X 44 | 24 × 51 | 13 🗷 20 | 24324 | 21≈24 | 5 × 26 | 25 × 42 | 14 🗷 24 | 25305 | 21≈59 2246 | 6 × 08 | 26 × 34 |
| 63S 64S | 13 ₹24 14 ₹46 | 24궁57 26궁18 | 21≈37 22≈27 | 5 X 08 5 X 32 | 24 X 54 24 X 57 | 14 ∡ 29 15 ∡ 53 | 25중38 26중58 | 22≈12 23≈00 | 5 X 49 6 X 12 | 25 X 45 25 X 47 | 15 ₹ 34 16 ₹ 58 | 26중19 27중37 | 22≈46 23≈34 | 6 X 30 6 X 52 | 26 ¥ 36 26 ¥ 38 |
| - 1 | | | | | | | | | | | | | | | |
| 65S 66S | 16∡31 19∡04 | 27중45 29중17 | 23≈18 24≈11 | 5 X 57 6 X 24 | 25 \times 00 25 \times 03 | 17 ₹ 39 20 ₹ 14 | 28중22 29중53 | 23≈51 24≈43 | 6 X 37 7 X 02 | 25 \times 50 25 \times 53 | 18 ₹ 45 21 ₹ 23 | 29 る 00 0≈29 | 24≈23 25≈15 | 7 X 16 7 X 41 | 26 \times 40 26 \times 42 |
| pc | 21 × 47 | 0≈12 | 24≈11 24≈42 | 6 X 39 | 25 X 05 | 20 x·14 23 z 09 | 0≈46 | 24≈43 25≈13 | 7 X 02 | 25 X 54 | 24 × 32 | 1≈21 | 25≈13 | 7 X 41 | 26 X 42 |
| r* | | | | - 7,37 | | // 0/ | 2.2.10 | | | 7.5 1 | 7. 32 | 2.00.21 | | . 7,50 | |

| | Sid.Tir MC: | | 48m A :02'44 | RMC: 2 | 207°00' | Sid.Tir MC: | | 52m A 95'37 | RMC: 2 | 208°00' | Sid.Tii MC: | ne: 13h: | 56m A 08'20 | RMC: 2 | 209°00' |
|------------|----------------------|----------------------------------|-----------------|--|--|--------------------------------|----------------------------------|--|--|--|--------------------------------|---------------------|----------------|--|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 29 m 12 | 27 ₹ 14 | 25중03 | 24≈42 | 26 X 43 | 0 ₹ 10 | 28 ₹ 09 | 26궁00 | 25≈44 | 27 X 49 | 1 ₹ 07 | 29 ₹ 04 | 26궁57 | 26≈46 | 28¥54 |
| 18 | 29 m 19 | 27 🗷 30 | 25중25 | 24≈52 25 01 | 26 × 44 | 0 7 17 | 28 🗷 25 | 26중22 | 25≈54 | 27 × 49 | 1 7 15 | 29 🗷 20 | 27중19 | 26≈55 | 28 × 54 |
| 2S 3S | 29 m. 26 29 m. 33 | 27 x 46 28 x 02 | 25정47 26정08 | 25≈01 25≈11 | 26 \times 44 26 \times 45 | 0 ₹24 0 ₹31 | 28 × 41 28 × 57 | 26 궁 43 27 궁 05 | 26≈03 26≈12 | 27 X 49 27 X 50 | 1 ₹ 22 1 ₹ 29 | 29 ₹36 29 ₹52 | 27중40 28중01 | 27≈05 27≈14 | 28 ¥ 54 28 ¥ 55 |
| 4S | 29 m 40 | 28 × 02 | 26중30 | 25≈11 | 26 X 45 | 0x·31 0x·38 | 20 x·37 29 x 13 | 27 8 03 27 중 26 | 26≈12 | 27 X 50 | 1 x · 29 | 0중08 | 28 る 23 | 27≈14 27≈23 | 28 X 55 |
| 58 | 29 m.48 | 28 🗷 34 | 26궁51 | 25≈30 | 26 × 46 | 0×146 | 29 7 29 | 27중48 | 26≈31 | 27 X 50 | 1 2 43 | 0중24 | 28344 | 27≈32 | 28 ¥ 55 |
| 6S | 29 m 55 | 28 × 54 | 27중13 | 25≈30 | 26 × 46 | 0 x 40 | 29 🗷 45 | 27 28 3 3 3 3 4 8 9 | 26≈40 | 27 X 51 | 1 \$751 | 0324 | 29중05 | 27≈32 27≈41 | 28 X 55 |
| 7S | 0 ₹ 02 | 29 ₹ 06 | 27중34 | 25≈49 | 26 X 47 | 1 ₹ 00 | 0중01 | 28중30 | 26≈49 | 27 X 51 | 1 ₹ 58 | 0궁56 | 29궁26 | 27≈50 | 28 ¥ 55 |
| 8S | 0 ₹ 09 | 29 ₹ 23 | 27궁56 | 25≈58 | 26 X 47 | 1 ₹ 07 | 0중18 | 28중51 | 26≈58 | 27 X 51 | 2 ₹ 05 | 1중13 | 29궁47 | 27≈59 | 28 X 55 |
| 9S | 0 ₹ 17 | 29 ₮ 39 | 28궁17 | 26≈07 | 26 ₩ 48 | 1 ₹ 15 | 0중34 | 29궁12 | 27≈07 | 27 X 52 | 2 ₹ 13 | 1중29 | 0≈08 | 28≈07 | 28 X 56 |
| 10S | 0 ₹ 24 | 29 ₹ 55 | 28중38 | 26≈17 | 26 X 48 | 1 ₹ 22 | 0중50 | 29중33 | 27≈16 | 27 X 52 | 2 ₹ 20 | 1중45 | 0≈29 | 28≈16 | 28 ¥ 56 |
| 11S | 0 7 31 | 0중12 | 28궁59 | 26≈26 | 26 × 49 | 1 🗷 30 | 1중07 | 29354 | 27≈25 | 27 ¥ 52 | 2 7 28 | 2302 | 0≈50 | 28≈25 | 28 ¥ 56 |
| 12S 13S | 0∡39 0∡46 | 0중28 0중45 | 29중21 29중42 | 26≈35 26≈44 | 26 \times 49 26 \times 50 | 1 ₹ 37 1 ₹ 45 | 1중23 1중40 | 0≈16 0≈37 | 27≈34 27≈43 | 27 X 53 27 X 53 | 2 ₹ 35 2 ₹ 43 | 2중18 2중35 | 1≈11 1≈31 | 28≈34 28≈43 | 28 X 56 28 X 56 |
| 14S | 0×40 | 1중02 | 0≈03 | 26≈54 | 26 X 50 | 1 7 53 | 1357 | 0≈57 0≈58 | 27≈52 | 27 X 53 | 2×43 | 2 3 53 | 1≈52 | 28≈51 | 28 X 56 |
| 15S | 1 ₹ 02 | 1중19 | 0≈25 | 27≈03 | 26¥51 | 2 ₹ 00 | 2중14 | 1≈19 | 28≈02 | 27 X 54 | 2 🗷 59 | 3동09 | 2≈13 | 29≈00 | 28 ¥ 57 |
| 16S | 1 7 10 | 1336 | 0≈46 | 27≈12 | 26 × 51 | 2 7 08 | 2831 | 1≈40 | 28≈11 | 27 X 54 | 3 7 07 | 3중26 | 2≈34 | 29≈09 | 28 X 57 |
| 17S | 1 ₹ 18 | 1중54 | 1≈07 | 27≈22 | 26 X 52 | 2 ₹ 16 | 2349 | 2≈01 | 28≈20 | 27 X 54 | 3 ₹ 15 | 3₹43 | 2≈55 | 29≈18 | 28 X 57 |
| 18S | 1 ₹ 26 | 2311 | 1≈29 | 27≈31 | 26 X 52 | 2 ₹ 25 | 3중06 | 2≈23 | 28≈29 | 27 X 55 | 3 ₹ 23 | 4중01 | 3≈16 | 29≈27 | 28 X 57 |
| 198 | 1 ₹ 34 | 2중29 | 1≈50 | 27≈40 | 26 X 53 | 2 ₹ 33 | 3중24 | 2≈44 | 28≈38 | 27 X 55 | 3 ₹ 31 | 4궁19 | 3≈37 | 29≈35 | 28 X 57 |
| 20S | 1 ₹ 42 | 2547 | 2≈12 | 27≈50 | 26 ¥ 53 | 2 ₹ 41 | 3342 | 3≈05 | 28≈47 | 27¥55 | 3 ₹ 40 | 4궁36 | 3≈59 | 29≈44 | 28¥57 |
| 218 | 1 7 5 1 | 3중05 | 2≈34 256 | 27≈59 | 26 × 54 | 2 \$7 50 | 4궁00 | 3≈27 | 28≈56 | 27 × 56 | 3 🗷 48 | 4정55 | 4≈20 4×41 | 29≈53 | 28 X 58 |
| 22S 23S | 1 ₹ 59 2 ₹ 08 | 3중24 3중43 | 2≈56 3≈18 | 28≈08 28≈18 | 26 \times 54 26 \times 55 | 2 ₹ 58 3 ₹ 07 | 4 3 18 4 3 37 | 3≈48 4≈10 | 29≈05 29≈15 | 27 ¥ 56 27 ¥ 56 | 3 ₹ 57 4 ₹ 06 | 5중13 5중32 | 4≈41 5≈03 | 0 ¥ 02 0 ¥ 11 | 28 ¥ 58 28 ¥ 58 |
| 24S | 2×08 | 4 공 02 | 3≈40 | 28≈28 | 26 X 55 | 3×07 | 4공56 | 4≈32 | 29≈24 | 27 X 57 | 4×15 | 5 3 551 | 5≈24 | 0 X 20 | 28 X 58 |
| 25S | 2 ₹ 26 | 4중21 | 4≈02 | 28≈37 | 26 ¥ 56 | 3 × 25 | 5중15 | 4≈54 | 29≈33 | 27 X 57 | 4 <i>₹</i> 24 | 6중10 | 5≈46 | 0 X 29 | 28 ¥ 58 |
| 26S | 2×26 | 4 3 41 | 4≈25 | 28≈47 | 26 X 56 | 3 x 25 | 5 3 5 | 5≈16 | 29≈43 | 27 X 57 | 4 7 3 4 | 6 3 29 | 6≈08 | 0 X 38 | 28 X 58 |
| 27S | 2 ₹ 45 | 5중01 | 4≈47 | 28≈57 | 26 X 57 | 3 ∡ 44 | 5중55 | 5≈39 | 29≈52 | 27 X 58 | 4 <i>≯</i> 43 | 6 궁 49 | 6≈30 | 0 X 48 | 28 X 59 |
| 28S | 2 <i>₹</i> 55 | 5중21 | 5≈10 | 29≈07 | 26 X 57 | 3 ₹ 54 | 6ਰ15 | 6≈01 | 0 ₩ 02 | 27 ¥ 58 | 4 <i>₹</i> 53 | 7중09 | 6≈53 | 0 ¥ 57 | 28 X 59 |
| 29S | 3 ₹ 05 | 5중42 | 5≈33 | 29≈16 | 26 ₩ 58 | 4 ₹ 04 | 6중36 | 6≈24 | 0 | 27 ¥ 58 | 5 ₹ 03 | 7중30 | 7≈15 | 1 X 06 | 28 ¥ 59 |
| 30S | 3 ₹ 15 | 6중03 | 5≈57 | 29≈27 | 26 ¥ 58 | 4 ₹ 14 | 6궁57 | 6≈47 | 0 X 21 | 27 X 59 | 5 7 14 | 7중51 | 7≈38 | 1 X 16 | 28 ¥ 59 |
| 31S 32S | 3 ₹ 25 3 ₹ 36 | 6 궁 25 6 궁 47 | 6≈20 6≈44 | 29≈37 29≈47 | 26 \times 59 27 \times 00 | 4 ₹ 25 4 ₹ 36 | 7 3 19 7 3 40 | 7≈10 7≈34 | 0 X 31 0 X 41 | 27 ¥ 59 28 ¥ 00 | 5 ₹ 24 5 ₹ 35 | 8중12 8중34 | 8≈01 8≈24 | 1 X 26 1 X 35 | 28 ¥ 59 29 ¥ 00 |
| 33S | 3 x 30 | 7중09 | 0≈44 7≈08 | 29≈47 29≈57 | 27 X 00 27 X 00 | 4 x 30 | 8중03 | 7≈34 7≈58 | 0 X 41 | 28 × 00 | 5 x 35 | 8중57 | 8≈47 | 1 X 35 | 29 X 00 |
| 34S | 3 ₹ 58 | 7중32 | 7≈32 | 0 × 08 | 27 × 01 | 4 <i>₹</i> 158 | 8326 | 8≈22 | 1 X 01 | 28 ¥ 00 | 5 ₹ 58 | 9중19 | 9≈11 | 1 X 55 | 29 × 00 |
| 35S | 4 <i>₹</i> 10 | 7중56 | 7≈57 | 0 ∺ 18 | 27 ¥ 01 | 5×10 | 8349 | 8≈46 | 1 X 12 | 28 ¥ 01 | 6×10 | 9843 | 9≈35 | 2 X 05 | 29 ¥ 00 |
| 36S | 4 ₹ 22 | 8중20 | 8≈22 | 0 X 29 | 27 ¥ 02 | 5 ₹ 22 | 9궁13 | 9≈11 | 1 X 22 | 28 × 01 | 6 <i>₹</i> 22 | 10궁07 | 9≈59 | 2 X 15 | 29 ¥ 00 |
| 37S | 4 <i>₹</i> 35 | 8중45 | 8≈47 | 0 ₩ 40 | 27 ¥ 03 | 5 × 35 | 9중38 | 9≈36 | 1 ¥ 33 | 28 ¥ 02 | 6 <i>≱</i> 34 | 10중31 | 10≈24 | 2 X 26 | 29 X 01 |
| 388 | 4×148 | 9중10 | 9≈13 020 | 0 X 51 | 27 ¥ 03 | 5 x 48 | 10중03 | 10≈01 | 1 X 44 | 28 ¥ 02 | 6 \$7 47 | 10공56 | 10≈49 | 2 ¥ 36 | 29 ¥ 01 |
| 398 | 5 ₹ 01 | 9중37 | 9≈39 | 1 X 03 | 27 ¥ 04 | 6×01 | 10329 | 10≈27 | 1 X 55 | 28 ¥ 02 | 7,701 | 11322 | 11≈14 | 2 X 47 | 29 X 01 |
| 40S 41S | 5∡15 5∡29 | 10중04 10중31 | 10≈06 10≈32 | 1 X 14 1 X 26 | 27 ¥ 05 27 ¥ 05 | 6 ₹ 15 6 ₹ 29 | 10궁56 11궁24 | 10≈53 11≈19 | 2 ¥ 06 2 ¥ 17 | 28 ¥ 03 28 ¥ 03 | 7 ₹ 15 7 ₹ 29 | 11궁49 12궁16 | 11≈40 | 2 X 58 3 X 09 | 29 ¥ 01 29 ¥ 01 |
| 41S 42S | 5×129 | 11300 | 10≈32 | 1 X 20 | 27 X 05 | 6×144 | 11824 | 11≈19 | 2 X 17 | 28 × 04 | 7 x 29 | 12810 | 12≈06 12≈33 | 3 X 20 | 29 × 01 |
| 43S | 5×159 | 11329 | 11≈28 | 1 X 50 | 27 × 07 | 7 ₹ 00 | 12821 | 12≈14 | 2 X 41 | 28 × 04 | 8 🗷 00 | 13813 | 13≈00 | 3 X 31 | 29 × 02 |
| 44S | 6∤15 | 12중00 | 11≈56 | 2 X 02 | 27 ¥ 07 | 7 <i>≱</i> 16 | 12중52 | 12≈42 | 2 X 53 | 28 ¥ 05 | 8 ₹ 16 | 13중43 | 13≈27 | 3 X 43 | 29 ¥ 02 |
| 45S | 6 ₹ 32 | 12중31 | 12≈25 | 2 X 15 | 27 ¥ 08 | 7 ₹ 33 | 13云23 | 13≈10 | 3 ¥ 05 | 28 ¥ 05 | 8 ₹ 33 | 14궁14 | 13≈55 | 3 ¥ 55 | 29 X 02 |
| 46S | 6≯50 | 13304 | 12≈54 | 2 ¥ 28 | 27 × 09 | 7×51 | 13855 | 13≈39 | 3 × 17 | 28 ¥ 06 | 8 🗷 51 | 14346 | 14≈24 | 4 × 07 | 29 ¥ 03 |
| 47S | 7×108 | 13중37 | 13≈25 13≈55 | 2 X 41 | 27 ¥ 10 | 8 × 109 | 14 る 28 | 14≈09 | 3 X 30 | 28 ¥ 06 | 9 \$7 10 | 15 3 19 | 14≈53 | 4 X 19 | 29 ¥ 03 |
| 48S 49S | 7∡28 7∡48 | 14궁12 14궁49 | 13≈33 14≈27 | 2 X 55 3 X 08 | 27 ¥ 10 27 ¥ 11 | 8 ₹ 29 8 ₹ 49 | 15 군 03 15 군 39 | 14≈39 15≈10 | 3 ¥ 43 3 ¥ 57 | 28 ¥ 07 28 ¥ 07 | 9 ₹ 29 9 ₹ 50 | 15궁54 16궁29 | 15≈23 15≈53 | 4 ¥ 32 4 ¥ 45 | 29 \(\pi\) 03 29 \(\pi\) 03 |
| 50S | 8×10 | 15827 | 14≈59 | 3 X 23 | 27 X 12 | 9.711 | 16중17 | 15≈41 | 4 X 11 | 28 ¥ 08 | 10 🗷 12 | 17중06 | 16≈24 | 4 X 59 | 29 × 04 |
| 51S | 8×10 | 16중06 | 14≈39 | 3 X 23 | 27 X 12 | 9 \$734 | 16중56 | 15≈41 | 4 X 11 4 X 25 | 28 × 09 | 10 x 12 | 17845 | 16≈24 | 5 X 12 | 29 X 04 |
| 52S | 8×58 | 16중47 | 16≈05 | 3 X 52 | 27 × 14 | 9 ₹ 59 | 17중36 | 16≈47 | 4 X 39 | 28 × 09 | 11 🗷 00 | 18중25 | 17≈29 | 5 × 26 | 29 × 04 |
| 53S | 9 ₹ 24 | 17중30 | 16≈39 | 4 ¥ 07 | 27 X 15 | 10 ₹ 25 | 18319 | 17≈21 | 4 ¥ 54 | 28 X 10 | 11 ₹ 26 | 19중07 | 18≈02 | 5 ₩ 41 | 29 € 05 |
| 54S | 9₹51 | 18중15 | 17≈15 | 4 ¥ 23 | 27 ¥ 16 | 10 ₹ 53 | 19중03 | 17≈55 | 5 X 09 | 28 ¥ 10 | 11 ₹ 54 | 19중51 | 18≈36 | 5 X 56 | 29 X 05 |
| 55S | 10 ₹ 21 | 19중02 | 17≈51 | 4 × 39 | 27 X 17 | 11 ₹ 23 | 19349 | 18≈31 | 5 ¥ 25 | 28 X 11 | 12 ₹ 24 | 20중37 | 19≈11 | 6 ₩11 | 29 ¥ 05 |
| 56S | 10 \$7 54 | 19중51 | 18≈28 10≈06 | 4 X 56 | 27 ¥ 18 | 11 × 55 | 20중38 | 19≈07 | 5 X 41 | 28 ¥ 12 | 12 \$7 57 | 21중25 | 19≈47 | 6 X 27 | 29 ¥ 06 |
| 57S 58S | 11 ₹ 29 12 ₹ 07 | 20중43 21중37 | 19≈06 19≈45 | 5 X 13 5 X 31 | 27 ¥ 19 27 ¥ 20 | 12 ₹ 30 13 ₹ 09 | 21중29 22중23 | 19≈45 20≈24 | 5 X 58 6 X 15 | 28 ¥ 13 28 ¥ 13 | 13 ₹ 32 14 ₹ 11 | 22중15 23중08 | 20≈24 21≈02 | 6 ¥ 43 7 ¥ 00 | 29 \(\frac{1}{29}\) \(\frac{1}{20}\) (06 |
| 59S | 12×107 | 21 6 37 22 중 35 | 20≈26 | 5 X 50 | 27 X 20 27 X 21 | 13 x · 09 | 22823 | 20≈24 21≈03 | 6 X 33 | 28 X 14 | 14 x · 11 14 x · 53 | 23 24 3 04 | 21≈02 21≈41 | 7 X 00 | 29 X 07 |
| 60S | 13 ₹ 36 | 23중35 | 21≈07 | 6 X 09 | 27 ¥ 23 | 14×38 | 24중19 | 21≈44 | 6 ★ 52 | 28 ¥ 15 | 15×140 | 25중03 | 22≈21 | 7 ∺ 35 | 29 ¥ 07 |
| 61S | 14×28 | 24중39 | 21≈50 21≈50 | 6¥29 | 27 X 24 | 15 🗷 31 | 25822 | 22≈26 | 7 X 11 | 28 × 16 | 16 🗷 33 | 26중05 | 23≈02 | 7 X 53 | 29 × 08 |
| 62S | 15 ₹ 28 | 25중47 | 22≈34 | 6 X 49 | 27 ¥ 25 | 16 ₹ 31 | 26궁29 | 23≈10 | 7 € 31 | 28 X 17 | 17 ≉ 33 | 27중11 | 23≈45 | 8 ¥ 13 | 29 X 08 |
| 63S | 16 <i>≯</i> 38 | 26궁59 | 23≈20 | 7 × 11 | 27 ¥ 27 | 17×141 | 27840 | 23≈54 | 7 × 52 | 28 ¥ 18 | 18 🗷 44 | 28320 | 24≈29 | 8 ** 33 | 29 × 09 |
| 64S | 18 🗷 02 | 28중16 | 24≈07 | 7 ¥ 33 | 27 ¥ 28 | 19∡06 | 28중55 | 24≈41 | 8 X 13 | 28 ¥ 19 | 20 ₹ 09 | 29중34 | 25≈14 | 8 X 54 | 29 X 09 |
| 65S | 19∡50 | 29중38 | 24≈56 | 7 X 56 | 27 ¥ 30 | 20 🗷 54 | 0≈15 | 25≈28 | 8 X 36 | 28 ¥ 20 | 21 🗷 58 | 0≈53 | 26≈01 | 9 X 15 | 29 ¥ 10 |
| 66S | 22 ₹31 25 ₹54 | 1≈05 1≈56 | 25≈46 26≈15 | 8 X 20 8 X 34 | 27 ¥ 31 27 ¥ 32 | 23 ∡ 37 27 ∡ 16 | 1≈40 2≈31 | 26≈18 26≈46 | 8 X 59 9 X 12 | 28 ¥ 21 28 ¥ 21 | 24 ∡ 41 28 ∡ 38 | 2≈16 3≈06 | 26≈49 27≈17 | 9 X 38 9 X 51 | 29 ¥ 10 29 ¥ 10 |
| pc | 20 X 34 | 1 20 | 20≈13 | υ Λ 34 | 21132 | 2 / X· 10 | 2≈31 | 20≈40 | 7 N 12 | 20 77 21 | 20 X · 30 | J≈00 | 2/≈1/ | 7,7,31 | 27 X 10 |

| | Sid.Tir MC: | | 00m A | RMC: 2 | 10°00' | Sid.Tir MC: | | 04m A | RMC: 2 | 211°00' | Sid.Tir MC: | | 08m A 5'27 | RMC: 2 | 212°00' |
|------------|--------------------------------|----------------------------------|----------------------------------|--|------------------|--------------------------------|----------------------------------|-----------------|--|--|--------------------------------|----------------------------------|----------------|--|-------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2 ₹ 05 | 0중00 | 27중54 | 27≈49 | 0 Υ 00 | 3 ₹ 02 | 0중55 | 28중52 | 28≈51 | 1 Y 05 | 3 ₹ 59 | 1중50 | 29중49 | 29≈54 | 2Υ10 |
| 1S | 2 ₹ 12 | 0중15 | 28중16 | 27≈58 | 0Υ00 | 3 ∡ 09 | 1중10 | 29중13 | 29≈00 | 1Υ05 | 4 ≉ 07 | 2중06 | 0≈10 | 0 ₩ 02 | 2Υ10 |
| 2S | 2 ₹ 19 | 0중31 | 28중37 | 28≈07 | 0Υ00 | 3 🗷 17 | 1326 | 29중34 | 29≈09 | 1 Υ 05 | 4 7 14 | 2821 | 0≈31 | 0 X 11 | 2Υ10 |
| 3S 4S | 2 ₹ 26 2 ₹ 34 | 0정47 1정03 | 28 궁 58 29 궁 19 | 28≈15 28≈24 | 0Υ00 0Υ00 | 3 ₹ 24 3 ₹ 31 | 1중42 1중58 | 29⋜55 0≈16 | 29≈17 29≈26 | 1 Y 04 1 Y 04 | 4 ₹ 21 4 ₹ 29 | 2 3 7 2 3 53 | 0≈52 1≈13 | 0 X 19 | 2°709 2°709 |
| | | | | | | | | | | | | | | 0 × 27 | |
| 5S 6S | 2 ₹ 41 2 ₹ 48 | 1중19 1중35 | 29⋜40 0≈01 | 28≈33 28≈42 | 0°00 0°00 | 3 ₹ 39 3 ₹ 46 | 2정14 2정30 | 0≈37 0≈57 | 29≈34 29≈43 | 1 Υ 04 1 Υ 04 | 4 x 36 4 x 43 | 3 군 09 3 군 25 | 1≈33 1≈54 | 0 X 36 0 X 44 | 2Υ09 2Υ08 |
| 7S | 2x.48 2x.56 | 1833 | 0≈01 | 28≈42 28≈50 | 0Υ00 | 3 x 40 | 2 3 30 | 1≈18 | 29≈43 29≈51 | 1 Y 04 1 Y 04 | 4x.43 4x.51 | 3 82 3 3 8 41 | 2≈14 | 0 X 44 0 X 52 | 2 Υ 08 2 Υ 08 |
| 8S | 3 ₹ 03 | 2308 | 0≈43 | 28≈59 | 0Υ00 | 4×01 | 3중03 | 1≈39 | 0 X 00 | 1Υ04 | 4 🗷 58 | 3중58 | 2≈35 | 1 X 00 | 2Υ08 |
| 9S | 3 ₹ 11 | 2중24 | 1≈04 | 29≈08 | 0Υ00 | 4 ₹ 08 | 3중19 | 1≈59 | 0 ₩ 08 | 1 Y 03 | 5 ₹ 06 | 4중14 | 2≈55 | 1 X 08 | 2 Y 07 |
| 10S | 3 ₹ 18 | 2340 | 1≈24 | 29≈16 | 0Υ00 | 4 ₹ 16 | 3835 | 2≈20 | 0¥16 | 1Υ03 | 5 <i>≱</i> 14 | 4중30 | 3≈15 | 1 X 16 | 2Υ07 |
| 11S | 3 ₹ 26 | 2중57 | 1≈45 | 29≈25 | 0Υ00 | 4 ₹ 24 | 3중52 | 2≈40 | 0 ∺ 25 | 1Υ03 | 5 <i>≱</i> 21 | 4중46 | 3≈36 | 1 X 24 | 2Υ07 |
| 12S | 3 🗷 33 | 3중13 | 2≈06 | 29≈33 | 0Υ00 | 4 🗷 31 | 4중08 | 3≈01 | 0 X 33 | 1 Υ 03 | 5 z 29 | 5중03 | 3≈56 | 1 X 33 | 2Υ06 |
| 13S 14S | 3 ₹ 41 3 ₹ 49 | 3 云 30 3 云 47 | 2≈26 2≈47 | 29≈42 29≈50 | 0°00 0°00 | 4 ₹ 39 4 ₹ 47 | 4 3 25 4 3 42 | 3≈21 3≈42 | 0 X 41 0 X 49 | 1 Y 03 1 Y 03 | 5 ₹ 37 5 ₹ 45 | 5 중 20 5 중 36 | 4≈16 4≈36 | 1 X 41 1 X 49 | 2Υ06 2Υ06 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 3 ₹ 57 4 ₹ 05 | 4중04 4중21 | 3≈08 3≈28 | 29≈59 0 X 07 | 0°00 0°00 | 4 ₹ 55 5 ₹ 03 | 4 궁 58 5 궁 15 | 4≈02 4≈23 | 0 X 58 1 X 06 | 1 Y 02 1 Y 02 | 5 \$\squad 53 \\ 6 \squad 01 | 5 궁 53 6 궁 10 | 4≈57 5≈17 | 1 X 57 2 X 05 | 2Υ05 2Υ05 |
| 17S | 4× 03 | 4338 | 3≈49 | 0 X 07 | 0Υ00 | 5×03 | 5중33 | 4≈43 | 1 X 14 | 1 γ 02 | 6209 | 6 3 27 | 5≈37 | 2 X 13 | 2Υ05 |
| 18S | 4 <i>₹</i> 21 | 4공56 | 4≈10 | 0 × 25 | 0Υ00 | 5 ₹ 20 | 5중50 | 5≈04 | 1 X 23 | 1Υ02 | 6 <i>₹</i> 18 | 6 ප 45 | 5≈58 | 2 X 21 | 2Υ04 |
| 19S | 4 ₹ 30 | 5중13 | 4≈31 | 0 ₩ 33 | 0Υ00 | 5 ₹ 28 | 6물08 | 5≈24 | 1 X 31 | 1Υ°02 | 6.₹26 | 7중02 | 6≈18 | 2 X 29 | 2Υ04 |
| 20S | 4 ≉ 38 | 5ਰ31 | 4≈52 | 0 ¥ 42 | 0 Υ 00 | 5 ₹ 37 | 6궁26 | 5≈45 | 1 X 39 | 1Υ°02 | 6₹35 | 7중20 | 6≈39 | 2 ¥ 37 | 2Υ04 |
| 21S | 4×47 | 5849 | 5≈13 | 0 X 50 | 0Υ00 | 5×145 | 6중44 | 6≈06 | 1 X 48 | 1Υ01 | 6×43 | 7중38 | 6≈59 | 2 X 45 | 2Υ03 |
| 22S | 4×756 | 6중07 | 5≈34 | 0 X 59 | 0Υ00 | 5 🗷 54 | 7302 | 6≈27 | 1 X 56 | 1901 | 6 × 52 | 7중56 | 7≈20 | 2 X 53 | 2Υ03 |
| 23S 24S | 5 ₹ 05 5 ₹ 14 | 6 3 26 6 3 45 | 5≈55 6≈17 | 1 X 08 1 X 17 | 0°00 0°00 | 6 ₹ 03 6 ₹ 12 | 7 3 20 7 3 39 | 6≈48 7≈09 | 2 X 05 2 X 13 | 1 Y 01 1 Y 01 | 7 <i>マ</i> 01 7 <i>マ</i> 11 | 8 중 15 8 중 33 | 7≈40 8≈01 | 3 X 02 3 X 10 | 2 Y 03 2 Y 02 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 5 ₹ 23 5 ₹ 33 | 7 3 04 7 3 23 | 6≈38 7≈00 | 1 X 25 1 X 34 | 0°00 0°00 | 6 ₹ 22 6 ₹ 31 | 7 궁 58 8 궁 18 | 7≈30 7≈52 | 2 ¥ 22 2 ¥ 30 | 1 Y 01 1 Y 01 | 7ヹ20 7ヹ30 | 8 궁 52 9 궁 12 | 8≈22 8≈43 | 3 ¥ 18 3 ¥ 26 | 2 Y 02 2 Y 02 |
| 27S | 5×33 | 7 3 43 | 7≈22 | 1 X 43 | 0Υ00 | 6×31 | 8중37 | 8≈13 | 2 X 39 | 1γ00 | 7×30 | 9중31 | 9≈05 | 3 X 35 | 2Υ01 |
| 28S | 5 ₹ 52 | 8중03 | 7≈44 | 1 X 52 | 0Υ00 | 6 ₹ 51 | 8중57 | 8≈35 | 2 X 48 | 1Υ00 | 7 <i>x</i> ⁴49 | 9궁51 | 9≈26 | 3 X 43 | 2 Υ 01 |
| 29S | 6 ₹ 02 | 8중24 | 8≈06 | 2 X 02 | 0Υ00 | 7∡01 | 9중18 | 8≈57 | 2 X 57 | 1Υ00 | 8 ₹ 00 | 10중11 | 9≈48 | 3 X 52 | 2Υ01 |
| 30S | 6 ₹ 13 | 8중45 | 8≈28 | 2 X 11 | 0 Υ 00 | 7 ₹ 12 | 9중38 | 9≈19 | 3 X 06 | 1Υ00 | 8 ₹ 10 | 10중32 | 10≈10 | 4 X 01 | 2Υ00 |
| 31S | 6₹23 | 9중06 | 8≈51 | 2 ¥ 20 | 0Υ00 | 7 × 22 | 10중00 | 9≈41 | 3 X 15 | 1Υ00 | 8 🗷 21 | 10공53 | 10≈32 | 4 × 09 | 2Υ00 |
| 32S 33S | 6 ₹ 34 6 ₹ 45 | 9 3 28 9 3 50 | 9≈14 9≈37 | 2 X 29 2 X 39 | 0 Y 00 0 Y 00 | 7 ₹ 33 7 ₹ 44 | 10중21 10중43 | 10≈04 10≈27 | 3 X 24 3 X 33 | 0Υ59 0Υ59 | 8 x 32 8 x 43 | 11중15 11중37 | 10≈54 11≈16 | 4 ¥ 18 4 ¥ 27 | 1 Y 59 |
| 34S | 6×157 | 10중13 | 10≈00 | 2 X 49 | 0Υ00 | 7×44 7×56 | 11306 | 10≈27 | 3 X 42 | 0Υ59 | 8 × 45 | 11859 | 11≈10 | 4 X 36 | 1 γ 59 |
| 35S | 7 <i>≠</i> 09 | 10중36 | 10≈24 | 2 X 58 | 0Υ00 | 8 2 08 | 11329 | 11≈13 | 3 X 52 | 0Υ59 | 9 🗷 07 | 12322 | 12≈02 | 4 ¥ 45 | 1Υ58 |
| 36S | 7×21 | 11300 | 10≈48 | 3 X 08 | 0Υ00 | 8 × 20 | 11853 | 11≈37 | 4¥01 | 0Υ59 | 9 7 19 | 12845 | 12≈25 | 4 X 55 | 1Υ58 |
| 37S | 7 <i>≱</i> 34 | 11중24 | 11≈12 | 3 ¥ 18 | 0Υ00 | 8 ₹ 33 | 12중17 | 12≈01 | 4 ∺ 11 | 0Υ58 | 9 ₹ 32 | 13중10 | 12≈49 | 5 X 04 | 1Υ57 |
| 38S | 7. ₹ 47 | 11349 | 11≈37 | 3 X 29 | 0Υ00 | 8 🗷 46 | 12342 | 12≈25 | 4¥21 | 0Υ58 | 9 🕶 45 | 13334 | 13≈13 | 5 X 14 | 1Υ57 |
| 398 | 8 ₹ 00 | 12중15 | 12≈02 | 3 X 39 | 0 Υ 00 | 9 ₹ 00 | 13중07 | 12≈49 | 4 ∺ 31 | 0Υ58 | 9 ₹ 59 | 13궁59 | 13≈37 | 5 ¥ 23 | 1 Ƴ 57 |
| 40S | 8×14 | 12341 | 12≈27 | 3 × 49 | 0Υ00 | 9 🗷 14 | 13~33 | 13≈14 | 4 X 41 | 0Υ58 | 10 🗷 13 | 14325 | 14≈02 | 5 ¥ 33 | 1Υ56 |
| 41S 42S | 8 ₹ 29 8 ₹ 44 | 13 군 08 13 군 36 | 12≈53 13≈19 | 4 X 00 4 X 11 | 0°00 0°00 | 9 ₹ 28 9 ₹ 44 | 14궁00 14궁28 | 13≈40 14≈06 | 4 X 52 5 X 02 | 0Υ58 0Υ57 | 10 ₹ 28 10 ₹ 43 | 14궁52 15궁20 | 14≈27 14≈52 | 5 X 43 5 X 53 | 1Υ56 1Υ55 |
| 43S | 9.700 | 14305 | 13≈46 | 4 X 22 | 0Υ00 | 9 2 59 | 14공57 | 14≈32 | 5 X 13 | 0Υ57 | 10 \$7 59 | 15848 | 15≈18 | 6 X 04 | 1Υ55 |
| 44S | 9.₹16 | 14중35 | 14≈13 | 4 ¥ 33 | 0Υ00 | 10 ≈ 16 | 15중26 | 14≈59 | 5 ¥ 24 | 0Υ57 | 11 ∡ 15 | 16궁17 | 15≈44 | 6 ¥ 14 | 1Υ54 |
| 45S | 9 ₹ 33 | 15중05 | 14≈41 | 4 ¥ 45 | 0 Y 00 | 10 ₹ 33 | 15중56 | 15≈26 | 5 X 35 | 0°57 | 11 ∡ 32 | 16중47 | 16≈11 | 6¥25 | 1 Y 54 |
| 46S | 9₹51 | 15중37 | 15≈09 | 4 ¥ 57 | 0Υ00 | 10 ₹ 51 | 16궁28 | 15≈53 | 5 ¥ 46 | 0Υ56 | 11 × 50 | 17궁19 | 16≈38 | 6¥36 | 1Υ53 |
| 47S | 10 \$7 10 | 16중10 | 15≈37 | 5 X 09 | 0000 | 11 × 10 | 17 3 00 | 16≈22 16≈250 | 5 X 58 | 0Υ56 | 12 \$7 09 | 17 궁 51 18 궁 24 | 17≈06 | 6 X 47 | 1Υ53 1Υ52 |
| 48S 49S | 10 ₹ 30 10 ₹ 50 | 16중44 17중19 | 16≈07 16≈37 | 5 X 21 5 X 34 | 0°00 0°00 | 11 ∡ 30 11 ∡ 50 | 17 3 34 18 3 09 | 16≈50 17≈20 | 6 × 10 6 × 22 | 0Υ56 0Υ56 | 12 ₹ 29 12 ₹ 50 | 18 5 24 | 17≈34 18≈03 | 6 ¥ 59 7 ¥ 11 | 1 Y 52 |
| 50S | 11 🗷 12 | 17공56 | 17≈07 | 5 X 47 | 0Υ00 | 12 🗷 13 | 18845 | 17≈50 | 6¥35 | 0Υ55 | 13 🗷 12 | 19835 | 18≈33 | 7 X 23 | 1 7 5 2 |
| 51S | 11×12 11×36 | 18834 | 17≈07 | 5 X 4 / 6 X 00 | 0Υ00 0Υ00 | 12×13 | 18号43 19号23 | 17≈30 | 6 X 47 | 0Υ55 | 13 × 12 | 19633 | 18≈33 | 7 X 23 | 1 Y 50 |
| 52S | 12×00 | 19중14 | 18≈10 | 6 X 13 | 0Υ00 | 13 ₹ 01 | 20중03 | 18≈52 | 7 ∺ 01 | 0Υ55 | 14×01 | 20중51 | 19≈34 | 7 X 48 | 1Y50 |
| 53S | 12 ₹ 27 | 19궁55 | 18≈43 | 6 ¥ 27 | 0Υ00 | 13 ₹ 27 | 20중44 | 19≈24 | 7 | 0Υ54 | 14 ₹ 27 | 21중32 | 20≈05 | 8¥01 | 1Υ49 |
| 548 | 12 ₹ 55 | 20중39 | 19≈16 | 6 ¥ 42 | 0 Υ 00 | 13 ₹ 55 | 21중26 | 19≈57 | 7 ∺ 28 | 0Υ54 | 14 ₹ 55 | 22중14 | 20≈38 | 8 X 14 | 1 Υ 49 |
| 55S | 13 × 25 | 21324 | 19≈51 | 6 X 57 | 0Υ00 | 14×26 | 22311 | 20≈31 | 7 ¥ 42 | 0Υ54 | 15 ₹ 26 | 22중58 | 21≈11 | 8 ¥ 28 | 1Υ48 |
| 56S | 13 ₹ 58 14 ₹ 33 | 22311 | 20≈26 21≈02 | 7 X 12 7 X 27 | 0°00 0°00 | 14 ₹ 58 15 ₹ 34 | 22358 | 21≈05 21≈41 | 7 X 57 | 0Υ53 | 15 x 58 | 23344 | 21≈45 22≈20 | 8 X 42 | 1Υ47 1Υ46 |
| 57S 58S | 14 × 33 15 × 12 | 23중01 23중53 | 21≈02 21≈40 | 7 X 27 | 0°700 0°700 | 15 × 34 16 × 12 | 23중47 24중38 | 21≈41 22≈18 | 8 X 12 8 X 28 | 0Υ53 0Υ53 | 16 ₹ 34 17 ₹ 13 | 24중33 25중23 | 22≈20 22≈56 | 8 X 57 9 X 12 | 1 1 7 4 6 |
| 59S | 15 × 12 | 24348 | 22≈18 | 8 X 00 | 0Υ00 | 16×12 | 25중33 | 22≈55 | 8 X 44 | 0Υ52 | 17×15 | 26중17 | 23≈33 | 9 × 28 | 1 7 45 |
| 60S | 16∡41 | 25346 | 22≈57 | 8 | 0Υ00 | 17 ₹ 42 | 26중30 | 23≈34 | 9 ₩ 01 | 0Υ52 | 18 <i>≱</i> 43 | 27중13 | 24≈11 | 9 X 44 | 1Υ44 |
| 61S | 17 <i>≯</i> 34 | 26중47 | 23≈38 | 8 X 36 | 0Υ00 | 18 ₹ 35 | 27중30 | 24≈14 | 9×18 | 0Υ51 | 19 ₹ 36 | 28312 | 24≈50 | 10 × 01 | 1Υ43 |
| 62S | 18 ₹ 35 | 27중52 | 24≈20 | 8 X 54 | 0Υ00 | 19∡36 | 28중33 | 24≈55 | 9 | 0Υ51 | 20 ∡ 36 | 29궁15 | 25≈30 | 10 X 18 | 1Υ42 |
| 63S | 19 🗷 45 | 29중00 | 25≈03 25×47 | 9 X 14 | 0000 | 20 🗷 47 | 29841 | 25≈37 | 9 X 55 | 0Υ50 | 21 🗷 47 | 0≈21 | 26≈12 26×55 | 10 × 36 | 1 γ 41 |
| 64S | 21 🗷 11 | 0≈13 | 25≈47 | 9 X 34 | 0Υ00 | 22 🗷 12 | 0≈52 | 26≈21 | 10 X 14 | 0Υ50 | 23 🗷 12 | 1≈31 | 26≈55 | 10 X 55 | 1Υ40 |
| 65S 66S | 23 ₹ 00 25 ₹ 44 | 1≈30 2≈52 | 26≈34 27≈21 | 9 X 55 | 0°00 0°00 | 24 ∡ 01 26 ∡ 45 | 2≈08 | 27≈06 27≈53 | 10 ¥ 35 10 ¥ 56 | 0Υ49 0Υ49 | 25 द्र 01 27 द 44 | 2≈45 4≈04 | 27≈39 | 11 X 14 11 X 35 | 1Υ39 1Υ38 |
| pc | 25 × 44 29 × 59 | 3≈41 | 27≈21 27≈49 | 10 X 17 10 X 29 | 0°700 | 26×45 0중40 | 3≈28 4≈16 | 27≈53 28≈20 | 10 X 56 | 0 \ \ \ 49 \ \ 0 \ \ 49 \ \ \ \ \ \ \ 49 \ \ \ \ \ \ \ \ | 1321 | 4≈04 4≈51 | 28≈25 28≈51 | 11 X 35 | 1 \(\gamma \) 38 |
| PC | 27 X 33 | J~~41 | 21~49 | 10 / 29 | 0100 | 1 0040 | 7~10 | 20~20 | 117,00 | 0149 | 1021 | 7~31 | 20~31 | 11/14/ | 1130 |

| | Sid.Tir MC: | | 12m A 7'29 | RMC: 2 | 13°00' | Sid.Tir MC: | | 16m A 9'20 | RMC: 2 | 214°00' | Sid.Tir MC: | | 20m A | RMC: 2 | 215°00' |
|------------|--------------------------------|----------------------------------|----------------|--|------------------|----------------------------------|----------------------------------|----------------|--|--------------------------------|----------------------------------|----------------------------------|-------------------|--|------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 4 <i>≯</i> 156 | 2345 | 0≈47 | 0 | 3 ⋎ 16 | 5 ₹ 53 | 3ਰ40 | 1≈45 | 2 X 00 | 4 ℃ 21 | 6 ₹ 50 | 4중35 | 2≈43 | 3 X 03 | 5Υ26 |
| 1S | 5 ₹ 04 | 3중01 | 1≈08 | 1 X 05 | 3Υ15 | 6×100 | 3중56 | 2≈05 | 2 × 08 | 4Υ20 | 6 ₹ 57 | 4정51 | 3≈03 | 3 X 11 | 5Υ26 |
| 2S 3S | 5×11 | 3중16 | 1≈28 | 1 X 13 | 3 ° 15 3 ° 14 | 6×108 | 4중12 4중27 | 2≈26 | 2 × 16 | 4Υ20 4Υ210 | 7 <i>z</i> 05 7 <i>z</i> 12 | 5307 | 3≈24 | 3 × 18 | 5Υ25 5Υ24 |
| 4S | 5 ₹ 18 5 ₹ 26 | 3 군 32 3 군 48 | 1≈49 2≈10 | 1 X 21 1 X 29 | 3Υ14 3Υ14 | 6 ₹ 15 6 ₹ 23 | 4527 4 5 43 | 2≈46 3≈07 | 2 ¥ 24 2 ¥ 31 | 4Υ19 4Υ18 | 7 × 12 | 5 중 22 5 중 38 | 3≈44 4≈04 | 3 X 26 3 X 33 | 5Υ24 5Υ23 |
| 5S | 5 ₹ 33 | 4304 | 2≈30 | 1 X 37 | 3Υ13 | 6×23 | 4359 | 3≈27 | 2 X 39 | 4Υ18 | 7 x 27 | 5 3 54 | 4≈24 | 3 X 41 | 5Υ22 |
| 6S | 5 x 41 | 4 3 04 | 2≈50 2≈50 | 1 X 37 | 3Υ13 | 6×30 | 5중15 | 3≈27 | 2 X 39 | 4Υ17 | 7 x · 27 | 6중10 | 4≈24 4≈44 | 3 X 48 | 5Υ21 |
| 7S | 5 <i>≱</i> 48 | 4중36 | 3≈11 | 1 X 53 | 3Υ12 | 6 <i>₹</i> 45 | 5중31 | 4≈07 | 2 X 54 | 4Υ16 | 7 ₹ 42 | 6궁26 | 5≈04 | 3 X 56 | 5Υ21 |
| 8S | 5 <i>≯</i> 56 | 4궁52 | 3≈31 | 2 X 01 | 3 Y 12 | 6 ₹ 53 | 5중47 | 4≈27 | 3 ¥ 02 | 4Υ16 | 7 ≯ 50 | 6정42 | 5≈24 | 4 X 03 | 5Υ20 |
| 9S | 6 ≯ 03 | 5중09 | 3≈51 | 2 X 09 | 3 Υ 11 | 7 ₹ 01 | 6중04 | 4≈47 | 3 ¥ 10 | 4Υ15 | 7 ₹ 58 | 6중58 | 5≈43 | 4 X 10 | 5 Υ 19 |
| 10S | 6 ₹ 11 | 5중25 | 4≈11 | 2 X 17 | 3 Υ 11 | 7 ≠ 08 | 6중20 | 5≈07 | 3 ¥ 17 | 4Υ15 | 8 ₹ 05 | 7궁15 | 6≈03 | 4 ¥ 18 | 5 Y 18 |
| 118 | 6×19 | 5341 | 4≈31 | 2 X 25 | 3Υ10 | 7 🗷 16 | 6중36 | 5≈27 | 3 ¥ 25 | 4Υ14 | 8 🗷 13 | 7중31 | 6≈23 | 4¥25 | 5Υ17 |
| 12S 13S | 6 ₹ 27 6 ₹ 35 | 5 궁 58 6 궁 14 | 4≈51 5≈11 | 2 ¥ 32 2 ¥ 40 | 3Υ10 3Υ09 | 7 ₹ 24 7 ₹ 32 | 6 궁 52 7 궁 09 | 5≈47 6≈06 | 3 \times 32 3 \times 40 | 4Υ13 4Υ13 | 8 ₹ 21 8 ₹ 29 | 7중47 8중04 | 6≈42 7≈02 | 4 X 32 4 X 40 | 5Υ17 5Υ16 |
| 14S | 6×33 | 6중31 | 5≈31 | 2 X 48 | 3Υ09 | 7 × 32 | 7326 | 6≈26 | 3 X 47 | 4Υ12 | 8 × 27 | 8중20 | 7≈02 7≈21 | 4 X 47 | 5Υ15 |
| 15S | 6 <i>≱</i> 751 | 6중48 | 5≈51 | 2 X 56 | 3Υ08 | 7 ₹ 48 | 7중42 | 6≈46 | 3 X 55 | 4Υ11 | 8 ~ 45 | 8중37 | 7≈41 | 4 X 54 | 5Υ14 |
| 16S | 6×31 | 7중05 | 6≈11 | 3 X 03 | 3Υ08 | 7 7 56 | 7 3 59 | 7≈06 | 4 X 02 | 4Υ11 | 8 2 54 | 8 공 54 | 8≈00 | 5 X 01 | 5Υ13 |
| 17S | 7∡707 | 7る22 | 6≈31 | 3 X 11 | 3℃07 | 8 ≉ 05 | 8중16 | 7≈26 | 4 | 4Υ10 | 9 ₹ 02 | 9궁11 | 8≈20 | 5 X 09 | 5 Ƴ 13 |
| 18S | 7 <i>₹</i> 15 | 7중39 | 6≈52 | 3 ¥ 19 | 3Υ07 | 8 🗷 13 | 8834 | 7≈46 | 4 × 17 | 4Υ09 | 9.711 | 9중28 | 8≈40 0 50 | 5 ¥ 16 | 5Υ12 |
| 19S | 7 <i>≱</i> 24 | 7정57 | 7≈12 | 3 ¥ 27 | 3℃06 | 8 ₹ 22 | 8중51 | 8≈05 | 4 ¥ 25 | 4Υ09 | 9 🗷 19 | 9 공 45 | 8≈59 | 5 ¥ 23 | 5Υ11 |
| 20S | 7×33 | 8중14 | 7≈32 | 3 X 35 | 3Υ06 2006 | 8 × 30 | 9중09 | 8≈25 | 4 ¥ 33 | 4Υ08 | 9×28 | 10중03 | 9≈19 | 5 X 31 | 5Υ10 |
| 21S 22S | 7 <i>ヌ</i> 41 7 <i>ヌ</i> 50 | 8 궁 32 8 궁 50 | 7≈52 8≈13 | 3 X 43 3 X 51 | 3 Y 05 | 8 × 39 8 × 48 | 9 궁 27 9 궁 45 | 8≈45 9≈06 | 4 X 40 4 X 48 | 4 ° 07 4 ° 07 | 9 x 37 9 x 46 | 10중21 10중39 | 9≈39 9≈59 | 5 X 38 5 X 45 | 5Υ09 5Υ08 |
| 23S | 7 x 50 | 9중09 | 8≈33 | 3 X 58 | 3Υ04 | 8 × 57 | 10중03 | 9≈26 | 4 X 56 | 4Υ06 | 9 \$7 55 | 10839 | 10≈18 | 5 X 53 | 5Υ07 |
| 24S | 8 ₹ 09 | 9궁27 | 8≈54 | 4 ¥ 06 | 3Υ04 | 9 ₹ 07 | 10중21 | 9≈46 | 5 ¥ 03 | 4Υ°05 | 10 ₮ 04 | 11궁15 | 10≈39 | 6¥00 | 5 Υ 07 |
| 25S | 8 7 18 | 9 궁 46 | 9≈14 | 4 X 15 | 3Υ03 | 9×16 | 10궁40 | 10≈07 | 5 ₩11 | 4Υ05 | 10 <i>≱</i> 14 | 11중34 | 10≈59 | 6 X 08 | 5 Υ 06 |
| 26S | 8 ₹ 28 | 10중06 | 9≈35 | 4 X 23 | 3Υ03 | 9 ₹ 26 | 10궁59 | 10≈27 | 5 ₩ 19 | 4 ℃ 04 | 10 ₹ 24 | 11궁53 | 11≈19 | 6 ₩15 | 5Υ05 |
| 27S | 8 × 38 | 10궁25 | 9≈56 | 4 X 31 | 3Υ02 | 9 🗷 36 | 11319 | 10≈48 | 5 ¥ 27 | 4Υ03 | 10 🗷 34 | 12312 | 11≈39 | 6 X 23 | 5Υ04 |
| 28S 29S | 8 ₹ 48 8 ₹ 58 | 10중45 11중05 | 10≈17 10≈39 | 4 X 39 4 X 47 | 3Υ02 3Υ01 | 9 x 46 9 x 56 | 11중39 11중59 | 11≈09 11≈30 | 5 X 35 5 X 43 | 4Υ02 4Υ02 | 10 ₹ 44 10 ₹ 54 | 12중32 12중52 | 12≈00 12≈21 | 6 X 30 6 X 38 | 5 Y 03 5 Y 02 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 9 ₹ 08 9 ₹ 19 | 11중26 11중47 | 11≈00 11≈22 | 4 X 56 5 X 04 | 3 Y 01 3 Y 00 | 10 ₹ 07 10 ₹ 18 | 12 3 19 12 3 40 | 11≈51 12≈12 | 5 X 51 5 X 59 | 4Υ01 4Υ00 | 11 🗷 05 11 🗷 16 | 13중12 13중33 | 12≈42 13≈03 | 6 X 46 6 X 54 | 5Υ01 5Υ00 |
| 32S | 9 🗷 30 | 12중08 | 11≈44 | 5 X 13 | 2Υ59 | 10 \$\frac{10}{29}\$ | 13중01 | 12≈34 | 6¥07 | 3Υ59 | 11 7 27 | 13 공 54 | 13≈24 | 7 X 02 | 4Υ59 |
| 33S | 9 ₹ 42 | 12중30 | 12≈06 | 5 X 21 | 2Y59 | 10 ₹ 40 | 13云23 | 12≈56 | 6 ₩15 | 3 Υ 59 | 11 ≉ 38 | 14궁16 | 13≈45 | 7 ∺ 10 | 4Υ58 |
| 34S | 9 ₹ 53 | 12중52 | 12≈28 | 5 X 30 | 2 Υ 58 | 10 ₹ 52 | 13중45 | 13≈18 | 6 ∺ 24 | 3 Υ 58 | 11 ₹ 50 | 14중38 | 14≈07 | 7 ∺ 18 | 4 Υ 57 |
| 35S | 10 ₮ 05 | 13중15 | 12≈51 | 5 X 39 | 2 Y 58 | 11 ∡ 04 | 14궁08 | 13≈40 | 6 ∺ 32 | 3 Υ 57 | 12 ₺ 02 | 15궁00 | 14≈29 | 7 ∺ 26 | 4Υ56 |
| 36S | 10 🗷 18 | 13338 | 13≈14 | 5 X 48 | 2Υ57 | 11 7 16 | 14331 | 14≈03 | 6¥41 | 3Υ56 20055 | 12 7 15 | 15323 | 14≈51 | 7 × 34 | 4Υ55 |
| 37S 38S | 10 ₹ 31 10 ₹ 44 | 14궁02 14궁27 | 13≈37 14≈01 | 5 X 57 6 X 06 | 2°756 | 11 🗷 29 11 🗷 42 | 14궁54 15궁19 | 14≈26 14≈49 | 6 X 50 6 X 59 | 3 Y 55 | 12 ₹27 12 ₹41 | 15 공 47 16 공 11 | 15≈14 15≈37 | 7 X 43 7 X 51 | 4Υ54 4Υ53 |
| 39S | 10 \$758 | 14공52 | 14≈25 | 6 X 15 | 2Υ55 | 11 🗷 56 | 15344 | 15≈12 | 7 ∺ 08 | 3Υ54 | 12 \$7 55 | 16중36 | 16 ≈ 00 | 8 X 00 | 4Υ52 |
| 40S | 11 ₹ 12 | 15중17 | 14≈49 | 6 ∺ 25 | 2Υ54 | 12 ₹ 10 | 16궁09 | 15≈36 | 7 ∺ 17 | 3Υ53 | 13 ₹ 09 | 17중01 | 16≈23 | 8 X 09 | 4Υ51 |
| 41S | 11 ₹ 26 | 15844 | 15≈13 | 6¥35 | 2Υ54 | 12 ₹ 25 | 16중36 | 16≈00 | 7 X 26 | 3Υ52 | 13×24 | 17827 | 16≈47 | 8 X 18 | 4Υ50 |
| 42S | 11 ∡ 42 | 16중11 | 15≈38 | 6 | 2Y53 | 12 ₮ 40 | 17중03 | 16≈25 | 7 ∺ 36 | 3 Υ 51 | 13 ∡ 39 | 17궁54 | 17≈11 | 8 X 27 | 4 Υ 49 |
| 43S | 11 \$7 58 | 16중39 | 16≈04 16≈20 | 6 X 55 | 2Υ52 2₩52 | 12 \$7 56 | 17 3 31 | 16≈50 | 7 ¥ 45 | 3Υ50 3Υ40 | 13 \$7 55 | 18322 | 17≈36 | 8 X 36 | 4Υ48 |
| 448 | 12 7 14 | 17중08 | 16≈30 | 7 X 05 | 2Υ52 | 13 🗷 13 | 17궁59 | 17≈15 | 7¥55 | 3 Υ 49 | 14 7 12 | 18중50 | 18 ≈ 01 | 8 X 46 | 4Υ46 400.45 |
| 45S 46S | 12 ₹ 32 12 ₹ 50 | 17중38 18중09 | 16≈56 17≈23 | 7 X 15 7 X 26 | 2Υ51 2Υ50 | 13 ₹ 30 13 ₹ 49 | 18 군 29 18 군 59 | 17≈41 18≈07 | 8 X 05 8 X 16 | 3 ° 48 3 ° 47 | 14 ₹ 29 14 ₹ 47 | 19 궁 19 19 궁 50 | 18≈26 18≈52 | 8 X 56 9 X 05 | 4Υ45 4Υ44 |
| 40S 47S | 12 x 30 13 x 09 | 18341 | 17≈23 | 7 X 20 | 2 Υ 30 2 Υ 49 | 13 x 49 14 × 08 | 19중31 | 18≈34 | 8 X 26 | 3Υ46 3Υ46 | 15×106 | 20중21 | 18≈32 | 9×16 | 4Υ43 |
| 48S | 13 ₹ 29 | 19궁14 | 18≈18 | 7 ∺ 48 | 2Ƴ49 | 14 ₹ 28 | 20중04 | 19≈02 | 8 X 37 | 3℃45 | 15 ₹ 26 | 20중53 | 19≈45 | 9 X 26 | 4 Υ 41 |
| 49S | 13 ₹ 50 | 19중48 | 18≈46 | 7 X 59 | 2Ƴ48 | 14 ∡ 49 | 20중38 | 19≈29 | 8 X 48 | 3Υ44 | 15 ₹ 47 | 21궁27 | 20≈13 | 9 X 36 | 4 Υ 40 |
| 50S | 14 ₹ 12 | 20중24 | 19≈15 | 8 X 11 | 2 ° 47 | 15 ₹ 11 | 21중13 | 19≈58 | 8 X 59 | 3 Ƴ 43 | 16 ₹ 10 | 22중02 | 20≈41 | 9 X 47 | 4Υ38 |
| 51S | 14×35 | 21301 | 19≈45 | 8 X 23 | 2Υ46 29/45 | 15 7 34 | 21349 | 20≈27 20×57 | 9¥11 | 3Υ41 29240 | 16 7 33 | 22중38 | 21≈09 21×20 | 9 X 58 | 4Υ37 |
| 52S 53S | 15 ₹ 00 15 ₹ 27 | 21 궁 39 22 궁 19 | 20≈15 20≈46 | 8 X 35 8 X 48 | 2°45 2°44 | 15 ₹ 59 16 ₹ 26 | 22る27 23る07 | 20≈57 21≈27 | 9 X 22 9 X 34 | 3 ° 40 3 ° 39 | 16 ₹ 58 17 ₹ 25 | 23중15 23중55 | 21≈39 22≈08 | 10 ¥ 10 10 ¥ 21 | 4Υ35 4Υ34 |
| 54S | 15 × 27 | 23중01 | 21≈18 | 9 × 01 | 2Υ43 | 16 × 54 | 23848 | 21≈27 21≈59 | 9 X 47 | 3Υ38 | 17×23 | 24 공 35 | 22≈39 | 10 X 21 | 4Υ32 |
| 55S | 16 <i>≵</i> 25 | 23云45 | 21≈51 | 9 X 14 | 2 42 | 17 <i>≵</i> 25 | 24중31 | 22≈31 | 10 X 00 | 3 Y 36 | 18 ₹ 24 | 25중18 | 23≈11 | 10 X 46 | 4Υ30 |
| 56S | 16 ₹ 58 | 24중30 | 22≈24 | 9 X 28 | 2Υ41 | 17 ≠ 58 | 25중16 | 23≈03 | 10 X 13 | 3Y35 | 18 × 57 | 26중02 | 23≈43 | 10 × 58 | 4Υ29 |
| 57S | 17 ₹ 34 | 25중18 | 22≈58 | 9 X 42 | 2Υ40 | 18 ₹ 33 | 26중03 | 23≈37 | 10 € 27 | 3Υ33 | 19 ₹ 32 | 26궁49 | 24≈16 | 11 X 11 | 4Υ27 |
| 58S | 18 🗷 13 | 26중08 | 23≈34 24≈10 | 9 X 56 | 2Υ39 | 19 × 12 | 26중53 | 24≈12 24≈47 | 10 X 41 | 3Υ32 3Υ30 | 20 × 11 | 27837 | 24≈50 25×25 | 11 X 25 | 4Υ25 |
| 59S | 18 × 55 | 27중01 | 24≈10 | 10 X 11 | 2Υ38 | 19 🛪 55 | 27345 | 24≈47 | 10 X 55 | 3 γ 30 | 20 🗷 54 | 28328 | 25≈25 | 11 X 39 | 4Υ23 |
| 60S | 19 🗷 43 | 27 궁 56 | 24≈47 25×26 | 10 × 27 | 2Υ36 | 20 🗷 42 | 28중39 | 25≈24 26≈02 | 11 X 10 | 3Υ29 | 21 🗷 41 | 29822 | 26≈01 | 11 X 53 | 4Υ21 |
| 61S 62S | 20 ₹36 21 ₹36 | 28 궁 54 29 궁 56 | 25≈26 26≈05 | 10 X 43 11 X 00 | 2 Y 35 2 Y 34 | 21 ₹ 35 22 ₹ 36 | 29 궁 36 0≈37 | 26≈02 26≈40 | 11 ¥ 26 11 ¥ 42 | 3 ° 27 3 ° 25 | 22 ₹ 34 23 ₹ 34 | 0≈19 1≈18 | 26≈37 27≈16 | 12 ¥ 08 12 ¥ 24 | 4Υ19 4Υ17 |
| 63S | 22 ₹ 47 | 1≈01 | 26≈46 | 11 X 17 | 2Υ32 | 23 × 46 | 1≈41 | 27≈20 | 11 X 59 | 3Υ23 | 24 🗷 45 | 2≈21 | 27≈55 | 12 X 40 | 4Υ14 |
| 64S | 24 द्र⁴ 12 | 2≈10 | 27≈28 | 11 X 35 | 2 Y 31 | 25 ₮ 11 | 2≈49 | 28≈02 | 12 X 16 | 3Y21 | 26 ₹ 09 | 3≈27 | 28≈35 | 12 X 57 | 4Υ12 |
| 65S | 26 द 01 | 3≈23 | 28≈12 | 11 ¥ 54 | 2₩29 | 26 ₹ 59 | 4≈00 | 28≈44 | 12 | 3 ⋎ 19 | 27 ₹ 56 | 4≈38 | 29≈17 | 13 ¥ 14 | 4Υ09 |
| 66S | 28×42 | 4≈40 | 28≈57 | 12 X 14 | 2Υ28 | 29 ₹ 38 | 5≈16 | 29≈28 | 12 × 5 3 | 3Υ17 | 0중33 | 5≈52 | 0 × 00 | 13 ¥ 32 | 4Υ06 |
| pc | 2る02 | 5≈26 | 29≈23 | 12 X 25 | 2 Υ 27 | 2343 | 6≈01 | 29≈54 | 13×04 | 3Υ16 | 3 る 2 5 | 6≈36 | 0 X 25 | 13 X 43 | 4Υ05 |

| | Sid.Tir MC: | ne: 14h2 8m2 | | RMC: 2 | 16°00' | Sid.Tir MC: | | 28m A 3'50 | RMC: 2 | 217°00' | Sid.Tir MC: | | 32m A .24'58 | RMC: 2 | :18°00' |
|------------|----------------------------------|----------------------------------|--|--|--------------------------------|----------------------------------|----------------------------------|--|--|--------------------------------|---------------------|----------------------------------|--|--|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7 <i>≱</i> 46 | 5중30 | 3≈41 | 4 ¥ 06 | 6 Υ 32 | 8 ₹ 43 | 6중25 | 4≈39 | 5 ∺ 10 | 7 Ƴ 37 | 9 ~ 39 | 7云20 | 5≈38 | 6 ∺ 13 | 8Υ42 |
| 1S | 7 <i>≯</i> 54 | 5중46 | 4≈01 | 4 ∺ 14 | 6 Y 31 | 8 ₹ 50 | 6중41 | 4≈59 | 5 X 17 | 7 Y 36 | 9∡47 | 7중36 | 5≈57 | 6 ∺ 20 | 8 Ƴ 41 |
| 2S | 8×101 | 6중02 | 4≈21 | 4 X 21 | 6Υ30 | 8 🗷 58 | 6중57 | 5≈19 | 5 X 24 | 7°35 | 9 \$7 54 | 7중52 | 6≈17 | 6 X 27 | 8Y39 |
| 3S 4S | 8 ∡ 09 8 ∡ 16 | 6 궁 18 6 궁 33 | 4≈41 5≈01 | 4 ¥ 28 4 ¥ 36 | 6 Y 29 6 Y 28 | 9 ₹ 05 9 ₹ 13 | 7중13 7중28 | 5≈39 5≈59 | 5 X 31 5 X 38 | 7 Y 33 7 Y 32 | 10 × 02 10 × 09 | 8 3 08 8 3 24 | 6≈37 6≈56 | 6 X 34 6 X 41 | 8 Y 3 8 8 Y 3 7 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 8 ₹ 24 8 ₹ 32 | 6 3 49 7 3 05 | 5≈21 5≈41 | 4 X 43 4 X 50 | 6Ƴ27 6Ƴ26 | 9 ₹21 9 ₹28 | 7 3 44 8 3 00 | 6≈18 6≈38 | 5 X 45 5 X 52 | 7 Y 31 7 Y 30 | 10 ₹ 17 10 ₹ 25 | 8 국 39 8 국 55 | 7≈16 7≈35 | 6 X 47 6 X 54 | 8 Y 3 6 |
| 7S | 8 × 32 | 7 3 03 | 5≈41 6≈00 | 4 X 57 | 6Υ25 | 9×36 | 8중16 | 6≈57 | 5 X 59 | 7Υ29 | 10 × 23 | 9정11 | 7≈54 | 7 X 01 | 8Y33 |
| 8S | 8 <i>≱</i> 47 | 7중37 | 6≈20 | 5 X 04 | 6Υ24 | 9 ₹ 44 | 8중32 | 7≈17 | 6¥06 | 7Υ28 | 10 ₹ 40 | 9중27 | 8≈13 | 7 X 07 | 8Υ32 |
| 9S | 8 <i>≯</i> 55 | 7중53 | 6≈39 | 5 X 11 | 6 Y 23 | 9∡51 | 8중48 | 7≈36 | 6 | 7 ℃ 27 | 10 ∡ 48 | 9중43 | 8≈32 | 7 ∺ 14 | 8 Y 30 |
| 10S | 9∡02 | 8중09 | 6≈59 | 5 X 18 | 6 Υ 22 | 9 ₹ 59 | 9중04 | 7≈55 | 6 ∺ 19 | 7 Υ 26 | 10∡56 | 9궁59 | 8≈51 | 7 ∺ 20 | 8 Υ 29 |
| 11S | 9 ∡ 10 | 8중26 | 7≈18 | 5 ¥ 25 | 6 Y 21 | 10 ₮ 07 | 9중20 | 8≈14 | 6 ∺ 26 | 7 ℃ 24 | 11 ≉ 04 | 10중15 | 9≈10 | 7 X 27 | 8Υ28 |
| 12S | 9 🗷 18 | 8342 | 7≈38 | 5 X 32 | 6Υ20 | 10 🗷 15 | 9중37 | 8 ≈ 33 | 6 X 33 | 7Υ23 | 11 7 12 | 10중31 | 9≈29 | 7 X 33 | 8Y27 |
| 13S 14S | 9 ₹ 26 9 ₹ 34 | 8 궁 58 9 궁 15 | 7≈57 8≈16 | 5 X 39 5 X 46 | 6Υ19 6Υ18 | 10 ₹23 10 ₹31 | 9 궁 53 10 궁 10 | 8≈52 9≈11 | 6 X 39 6 X 46 | 7°22 7°21 | 11 ∡ 20 11 ∡ 28 | 10중48 11중04 | 9≈48 10≈07 | 7 X 40 7 X 46 | 8Υ25 8Υ24 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 9 ₹ 43 9 ₹ 51 | 9 궁 32 9 궁 48 | 8≈36 8≈55 | 5 X 53 | 6Υ17 | 10 ₹ 40 10 ₹ 48 | 10중26 10중43 | 9≈31 9≈50 | 6 X 53 7 X 00 | 7 ° 20 7 ° 19 | 11 🗷 37 11 🗷 45 | 11중21 11중37 | 10≈26 10≈44 | 7 X 52 | 8Υ23 8Υ21 |
| 17S | 9×151 | 10중05 | 8≈33 9≈14 | 6 ¥ 00 6 ¥ 07 | 6Υ16 6Υ15 | 10×48 10×56 | 10543 11중00 | 9≈30 10≈09 | 7 X 00 | 7\dagger 19 | 11 × 43 | 11837 | 10≈44 | 7 X 59 8 X 05 | 8Υ21 8Υ20 |
| 18S | 10 🗷 08 | 10303 | 9≈34 | 6 X 14 | 6Υ14 | 11 🗷 05 | 11317 | 10≈03 | 7 X 13 | 7Υ16 | 12 🗷 02 | 12311 | 11≈22 | 8 X 12 | 8Υ19 |
| 19S | 10 ≈ 17 | 10중40 | 9≈53 | 6 ∺ 21 | 6Υ13 | 11 % 14 | 11334 | 10≈47 | 7 ∺ 20 | 7Υ15 | 12×11 | 12328 | 11≈41 | 8 X 18 | 8Υ17 |
| 20S | 10 ≉ 25 | 10궁57 | 10≈12 | 6 ∺ 29 | 6Υ12 | 11 ≉ 23 | 11351 | 11≈06 | 7 ∺ 27 | 7 Υ 14 | 12 ₹ 20 | 12중46 | 12≈00 | 8 ¥ 25 | 8Υ16 |
| 21S | 10 ≉ 34 | 11중15 | 10≈32 | 6 ∺ 36 | 6Υ11 | 11 ≉ 31 | 12号09 | 11≈25 | 7 ∺ 33 | 7 Υ 13 | 12 ₹ 29 | 13중03 | 12≈19 | 8 X 31 | 8Y15 |
| 22S | 10×43 | 11중33 | 10≈52 | 6 X 43 | 6Υ10 | 11 741 | 12327 | 11≈45 | 7 × 40 | 7Υ12 | 12×38 | 13321 | 12≈38 | 8 X 38 | 8Υ13 |
| 23S 24S | 10 ₹ 53 11 ₹ 02 | 11궁51 12궁09 | 11≈11 11≈31 | 6 X 50 | 6Ƴ09 6Ƴ08 | 11 ∡ 50 11 ∡ 59 | 12중45 13중03 | 12≈04 12≈24 | 7 X 47 7 X 54 | 7°11 7°09 | 12 ₹ 47 12 ₹ 56 | 13중39 13중57 | 12≈57 13≈16 | 8 X 44 | 8Υ12 8Υ11 |
| | | | | 6 ∺ 57 | | | | | | | | | | 8 X 51 | |
| 25S | 11 7 11 | 12328 | 11≈51 | 7 X 04 | 6Υ07 | 12 7 10 | 13322 | 12≈43 | 8 × 01 | 7Υ08 | 13 🗷 06 | 14315 | 13≈35 | 8 X 58 | 8Υ09 |
| 26S 27S | 11 ₹21 11 ₹31 | 12 궁 47 13 궁 06 | 12≈11 12≈31 | 7 X 11 7 X 19 | 6Ƴ06 6Ƴ05 | 12 ∡ 19 12 ∡ 29 | 13중41 14중00 | 13≈03 13≈23 | 8 X 08 8 X 15 | 7°07 7°06 | 13 ∡ 16 13 ∡ 26 | 14중34 14중53 | 13≈55 14≈14 | 9 X 04 9 X 11 | 8Y08 8Y06 |
| 28S | 11 🗷 41 | 13 급 26 | 12≈51 | 7 X 26 | 6Υ04 | 12 7 39 | 14319 | 13≈43 | 8 X 22 | 7Υ04 | 13 × 26 | 1533 | 14≈34 | 9×18 | 8Υ05 |
| 29S | 11 ≉ 52 | 13중45 | 13≈12 | 7 X 34 | 6Υ03 | 12 ∡ 49 | 14궁39 | 14≈03 | 8 X 29 | 7 ℃ 03 | 13 ≉ 47 | 15중32 | 14≈54 | 9 ₩ 25 | 8Y03 |
| 30S | 12 ₹ 02 | 14궁06 | 13≈32 | 7 | 6 Υ 01 | 13 ₹ 00 | 14궁59 | 14≈23 | 8 | 7Υ°02 | 13 z 57 | 15352 | 15≈14 | 9 X 32 | 8Y02 |
| 31S | 12 ₹ 13 | 14궁26 | 13≈53 | 7 ¥ 49 | 6 Υ 00 | 13 ₹ 11 | 15궁19 | 14≈43 | 8 X 44 | 7 Υ 00 | 14∡08 | 16중12 | 15≈34 | 9 X 39 | 8Υ00 |
| 32S | 12 ₹ 25 | 14347 | 14≈14 | 7 ¥ 56 | 5Υ59 | 13 ₹ 22 | 15340 | 15≈04 | 8 X 51 | 6Υ59 | 14 ₹ 20 | 16중33 | 15≈54 | 9 X 46 | 7Υ59 |
| 33S 34S | 12 ₹ 36 12 ₹ 48 | 15 군 09 15 군 31 | 14≈35 14≈56 | 8 X 04 8 X 12 | 5 ° 58 5 ° 57 | 13 ₹ 34 13 ₹ 46 | 16 궁 01 16 궁 23 | 15≈25 15≈46 | 8 X 58 9 X 06 | 6 Y 5 8 | 14 x 31 14 x 43 | 16 궁 54 17 궁 16 | 16≈15 16≈35 | 9 X 53 10 X 00 | 7°57 7°56 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 13 ₹ 00 13 ₹ 13 | 15 궁 53 16 궁 16 | 15≈18 15≈40 | 8 X 20 8 X 28 | 5 Υ 56 5 Υ 54 | 13 ₹ 58 14 ₹ 10 | 16중45 17중08 | 16≈07 16≈29 | 9 X 13 9 X 21 | 6°755 | 14 ₹ 55 15 ₹ 08 | 17중38 18중00 | 16≈56 17≈17 | 10 X 07 10 X 15 | 7°754 7°753 |
| 37S | 13 × 15 | 16중39 | 16≈02 | 8 X 36 | 5Υ53 | 14 🗷 23 | 17831 | 16≈50 | 9 X 29 | 6Υ52 | 15 \$\frac{1}{2} 21 | 18823 | 17≈39 | 10 X 13 | 7Y51 |
| | | 17중03 | | 8 X 44 | | 14 ∡ 37 | I | 17≈12 | | 6Υ51 | 15 ₹ 34 | 18중47 | 18≈00 | | 7Υ49 |
| 39S | 13 ₹ 53 | 17중28 | 16≈47 | 8 X 53 | 5 Υ 51 | 14 ₹ 51 | 18중19 | 17≈35 | 9 X 45 | 6℃49 | 15 ≉ 48 | 19중11 | 18≈22 | 10 ∺ 37 | 7 Ƴ 48 |
| 40S | 14∡07 | 17중53 | 17≈10 | 9 + 01 | 5Ƴ49 | 15 ₹ 05 | 18중44 | 17≈57 | 9 X 53 | 6Υ48 | 16 ₹ 03 | 19중36 | 18≈45 | 10 ¥ 45 | 7 Υ 46 |
| 41S | 14 ₹ 22 | 18중19 | 17≈34 | 9 X 10 | 5 Y 48 | 15 ₹ 20 | 19중10 | 18≈20 | 10 X 01 | 6Υ46 | 16∡18 | 20중01 | 19≈07 | 10 ¥ 53 | 7 Ƴ 44 |
| 42S | 14 7 37 | 18345 | 17≈57 | 9 X 18 | 5 ° 47 | 15 7 35 | 19중36 | 18≈44 | 10 X 10 | 6Υ44 | 16 🗷 33 | 20327 | 19≈30 | 11 X 01 | 7Υ42 |
| 43S 44S | 14 ₹ 53 15 ₹ 10 | 19 궁 13 19 궁 41 | 18≈22 18≈46 | 9 X 27 9 X 37 | 5Ƴ45 5Ƴ44 | 15 ₹ 51 16 ₹ 08 | 20중03 20중31 | 19≈08 19≈32 | 10 ¥ 18 10 ¥ 27 | 6°°43 | 16 ₹ 49 17 ₹ 06 | 20중54 21중22 | 19≈54 20≈17 | 11 X 10 11 X 18 | 7 Υ 40 7 Υ 38 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 15 ₹ 27 15 ₹ 46 | 20중10 20중40 | 19≈11 19≈37 | 9 ¥ 46 9 ¥ 55 | 5Ƴ42 5Ƴ41 | 16 ₹ 25 16 ₹ 44 | 21 궁 00 21 궁 30 | 19≈56 20≈21 | 10 ¥ 36 10 ¥ 45 | 6Υ39 6Υ37 | 17 ₹ 23 17 ₹ 42 | 21궁50 22궁20 | 20≈41 21≈06 | 11 X 26 11 X 35 | 7Ƴ36 7Ƴ34 |
| 47S | 16×105 | 20840 | 20≈02 | 10 X 05 | 5Υ39 | 17 × 03 | 21830 22 중 01 | 20≈21 20≈47 | 10 X 45 | 6Υ36 | 18×42 | 22·820 22·850 | 21≈00 21≈31 | 11 X 44 | 7Υ32 |
| 48S | 16∡25 | 21중43 | 20≈29 | 10 ₩ 15 | 5 Ƴ 37 | 17 ₹ 23 | 22중32 | 21≈13 | 11 ∺ 04 | 6Y34 | 18∡21 | 23중22 | 21≈56 | 11 X 53 | 7 Y 30 |
| 49S | 16∡146 | 22중16 | 20≈56 | 10 ¥ 25 | 5 Υ 36 | 17 ≉ 44 | 23중05 | 21≈39 | 11 X 14 | 6 Ƴ 32 | 18 ∡ 42 | 23중54 | 22≈22 | 12 ∺ 02 | 7Υ28 |
| 50S | 17∡708 | 22중51 | 21≈23 | 10 ¥ 35 | 5Ƴ34 | 18 ≉ 06 | 23중39 | 22≈06 | 11 ∺ 24 | 6 Y 30 | 19 ₹ 04 | 24중28 | 22≈49 | 12 X 12 | 7Υ26 |
| 51S | 17 <i>≯</i> 32 | 23중26 | 21≈51 | 10 X 46 | 5Υ32 | 18×30 | 24314 | 22≈34 | 11 X 34 | 6Υ28 | 19×28 | 25중03 | 23≈16 | 12 ¥ 22 | 7Υ23 |
| 52S | 17×757 | 24중03 | 22≈20 22≈50 | 10 X 57 | 5Υ31 | 18 × 55 | 24중51 | 23≈02 | 11 X 44 | 6Y26 | 19 \$7 53 | 25중39 | 23≈43 24×12 | 12 X 32 | 7Y21 |
| 53S 54S | 18 ₹ 23 18 ₹ 52 | 24중42 25중22 | 22≈50 23≈20 | 11 ¥ 08 11 ¥ 20 | 5 Y 29 5 Y 27 | 19 ₹22 19 ₹50 | 25 궁 29 26 궁 09 | 23≈31 24≈00 | 11 X 55 12 X 06 | 6Υ23 6Υ21 | 20 ₹20 20 ₹48 | 26 궁 16 26 궁 56 | 24≈12 24≈41 | 12 X 42 12 X 53 | 7Υ18 7Υ16 |
| 55S | 19 × 22 | | | | | | | 24≈30 | | | | | | | 7Υ13 |
| 56S | 19×22 19×55 | 26 궁 04 26 궁 48 | 23≈50 24≈22 | 11 X 32 11 X 44 | 5 ° 25 5 ° 23 | 20 ₹21 20 ₹53 | 26중50 27중34 | 24≈30 25≈01 | 12 X 18 12 X 29 | 6Υ19 6Υ16 | 21 × 18 21 × 51 | 27중37 28중19 | 25≈10 25≈41 | 13 X 03 13 X 15 | 7\dagger 13 |
| 57S | 20 ₹ 31 | 27 공 34 | 24≈54 | 11 X 56 | 5Υ20 | 21 🗷 29 | 28 중 19 | 25≈33 | 12 X 41 | 6Υ14 | 22 × 27 | 29중04 | 26≈12 | 13 X 26 | 7Υ07 |
| 58S | 21 ∡ 10 | 28중22 | 25≈28 | 12 ₩ 09 | 5Υ18 | 22 ₹ 08 | 29중06 | 26≈06 | 12 X 54 | 6Υ11 | 23 ₮ 06 | 29궁50 | 26≈44 | 13 ¥ 38 | 7 Υ 04 |
| 59S | 21 ≯ 52 | 29중12 | 26≈02 | 12 ¥ 23 | 5Υ16 | 22 ₮ 50 | 29궁56 | 26≈39 | 13 ∺ 07 | 6 ℃ 08 | 23 ∡ 48 | 0≈39 | 27≈17 | 13 ∺ 50 | 7 Υ 01 |
| 60S | 22 ∡ 39 | 0≈05 | 26≈37 | 12 X 37 | 5 Ƴ 13 | 23 ≉ 37 | 0≈48 | 27≈14 | 13 ¥ 20 | 6 ℃ 05 | 24 ≉ 35 | 1≈30 | 27≈51 | 14 ∺ 03 | 6Y58 |
| 61S | 23 ∡ 32 | 1≈01 | 27≈13 | 12 X 51 | 5Υ11 | 24 ∡ 30 | 1≈42 | 27≈49 | 13 ¥ 34 | 6Υ02 | 25 ₹ 28 | 2≈24 | 28≈25 | 14 X 16 | 6Υ54 |
| 62S | 24 🗷 33 | 1≈59 | 27≈51 | 13 X 06 | 5Υ08 | 25 × 30 | 2≈40 | 28≈26 20⊶04 | 13 X 48 | 5Υ59 | 26 🗷 27 | 3≈21 | 29≈01 2028 | 14 × 30 | 6Υ51 |
| 63S 64S | 25 ₹ 43 27 ₹ 06 | 3≈01 4≈06 | 28≈29 29≈09 | 13 ¥ 21 13 ¥ 37 | 5 ° 05 5 ° 02 | 26 ₹ 40 28 ₹ 03 | 3≈41 4≈45 | 29≈04 29≈43 | 14 X 03 14 X 18 | 5 Y 56 5 Y 52 | 27 ₹ 37 28 ₹ 59 | 4≈21 5≈24 | 29≈38 0 × 16 | 14 X 44 14 X 59 | 6°°47 6°°43 |
| | | | 29≈09 29≈50 | 13 X 54 | | | | | | | | | | | |
| | | | | 1 4 34 5/1 | 4Υ59 | 29 ∡ 48 | 5 ≈ 53 | 0×23 | 14 X 34 | 5Υ49 | 0る43 | 6≈30 | 0 X 56 | 15 X 14 | 6Υ39 |
| 65S | 28 × 53 | 5≈15 6≈28 | | | | | | 1 14 04 | | 500.15 | | 700/11 | 1 ¥ 26 | | 60024 |
| 66S pc | 28 월 53 1궁27 4궁06 | 5≈15 6≈28 7≈11 | 0 × 32 0 × 57 | 14 × 11 14 × 21 | 4Υ56 4Υ54 | 2 3 19 4 3 47 | 7≈05 7≈47 | 1 X 04 1 X 28 | 14 ¥ 51 15 ¥ 00 | 5 ° 45 5 ° 43 | 3중11 5중28 | 7≈41 8≈22 | 1 ¥ 36 2 ¥ 00 | 15 ¥ 30 15 ¥ 39 | 6Υ34 6Υ32 |

| | 11 | 12 | | | | MC: | 1211 | 26'42 | | | MC: | 13111 | .27'18 | | |
|-----------|----------------------------------|----------------------------------|--|--|------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|
| | | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 1S | 10∡35 | 8중16 | 6≈36 | 7 | 9Ƴ47 | 11 ₹ 32 | 9 ਰ 11 | 7≈35 | 8 2 1 | 10℃52 | 12∡28 | 10중06 | 8≈34 | 9 ¥ 25 | 11 ℃ 57 |
| | 10 🗷 43 | 8중31 | 6≈56 | 7 ¥ 24 | 9Υ46 | 11 🗷 39 | 9궁27 | 7≈54 | 8 X 27 | 10℃51 | 12 🗷 35 | 10중22 | 8≈53 | 9 X 31 | 11Υ55 |
| | 10∡51 10∡58 | 8 3 47 9 3 03 | 7≈15 7≈35 | 7 X 30 7 X 37 | 9Υ44 9Υ43 | 11 ₹47 11 ₹54 | 9 궁 42 9 궁 58 | 8≈14 8≈33 | 8 X 34 8 X 40 | 10 ° 49 10 ° 47 | 12 ₹ 43 12 ₹ 51 | 10중38 10중53 | 9≈12 9≈31 | 9 X 37 9 X 43 | 11 \gamma 54 11 \gamma 52 |
| | 11 🗷 06 | 9 5 03 | 7≈33 7≈54 | 7 X 37 | 9 Y 43 9 Y 41 | 11 x 34 12 × 02 | 10공14 | 8≈52 | 8 X 46 | 10 Y 47 | 12×31 12×31 | 11중09 | 9≈50 | 9 X 43 | 11 Y 52 |
| | 11 🗷 14 | 9중34 | 8≈13 | 7 ∺ 50 | 9 Υ 40 | 12 ₹ 10 | 10중30 | 9≈11 | 8 X 52 | 10 Υ 44 | 13 ∡ 06 | 11중25 | 10≈09 | 9 X 55 | 11 Y 48 |
| 6S | 11 ₹ 21 | 9궁50 | 8≈32 | 7 ¥ 56 | 9 Y 38 | 12 ₹ 18 | 10중45 | 9≈30 | 8 X 58 | 10℃43 | 13 ~ 14 | 11궁40 | 10≈27 | 10 X 01 | 11Ƴ47 |
| | 11 7 29 | 10중06 | 8≈51 | 8 X 02 | 9Υ37 | 12 7 25 | 11중01 | 9≈48 | 9 X 04 | 10°Y41 | 13 🗷 22 | 11공56 | 10≈46 | 10 × 06 | 11 γ 45 |
| | 11 ∡ 37 11 ∡ 45 | 10중22 10중38 | 9≈10 9≈29 | 8 X 09 8 X 15 | 9Υ36 9Υ34 | 12 ₹33 12 ₹41 | 11중17 11중33 | 10≈07 10≈26 | 9 X 10 9 X 16 | 10 Y 39 10 Y 38 | 13 ∡ 30 13 ∡ 37 | 12중12 12중28 | 11≈04 11≈22 | 10 X 12 10 X 18 | 11 Y 43 |
| | 11 🗷 53 | 10공54 | 9≈48 | 8 X 21 | 9Υ33 | 12 🗷 49 | 11349 | 10≈44 | 9 X 22 | 10Υ36 | 13 × 45 | 12344 | 11≈41 | 10 X 23 | 11 Y 40 |
| | 12×01 | 11310 | 10≈06 | 8 X 27 | 9Υ31 | 12×157 | 12중05 | 11≈02 | 9 X 28 | 10 Y 35 | 13×154 | 13중00 | 11≈59 | 10 × 29 | 11Υ38 |
| | 12 ₹ 09 | 11궁26 | 10≈25 | 8 X 34 | 9 Y 30 | 13 ₹ 05 | 12중21 | 11≈21 | 9 X 34 | 10℃33 | 14 ∡ 02 | 13중16 | 12≈17 | 10 ¥ 35 | 11 Y 36 |
| | 12 ∡ 17 12 ∡ 25 | 11중42 11중59 | 10≈43 11≈02 | 8 X 40 8 X 46 | 9Υ28 9Υ27 | 13 ₹ 13 13 ₹ 22 | 12중37 12중53 | 11≈39 11≈57 | 9 ¥ 40 9 ¥ 46 | 10 \gamma 31 10 \gamma 30 | 14∡10 14∡18 | 13중32 13중48 | 12≈35 12≈53 | 10 X 40 10 X 46 | 11 \gamma 34 11 \gamma 33 |
| | 12×23 | 12중15 | 11≈02 11≈21 | 8 X 52 | 9Υ25 | 13×22 | 13중10 | | 9 X 52 | 10 Y 30 | 14 🗷 26 | 14304 | 13×11 | 10 X 52 | 11 Y 31 |
| | 12×33 | 12 日 13 | 11≈21 | 8 X 58 | 9Υ24 | 13 × 30 | 13810 | 12≈16 12≈34 | 9 X 52 | 10 Y 26 | 14×20 | 14804 | 13≈11 | 10 X 52 | 11 Y 31 |
| 17S | 12∡50 | 12궁49 | 11≈58 | 9 ¥ 04 | 9Υ22 | 13 ₹ 47 | 13중43 | 12≈52 | 10 ¥ 04 | 10℃25 | 14 ≉ 44 | 14궁37 | 13≈47 | 11 ∺ 03 | 11Ƴ27 |
| | 12 7 59 | 13 공 05 | 12≈16 | 9 ¥ 11 | 9Υ21 9Υ19 | 13 🗷 56 | 14 궁 00 | 13≈11 | 10 X 10 | 10Y23 | 14 🗷 52 | 14 공 54 | 14≈05 | 11 X 09 | 11 725 |
| - 1 | 13×108 | 13323 | 12≈35 | 9 X 17 | | 14 🗷 04 | 14 궁 17 | 13≈29 | 10 X 16 | 10 7 22 | 15×101 | 15중11 | 14≈23 | 11 * 14 | 11 Y 24 |
| | 13 ₹ 17 13 ₹ 26 | 13 궁 40 13 궁 57 | 12≈54 13≈12 | 9 ¥ 23 9 ¥ 29 | 9Υ18 9Υ16 | 14 ₹ 13 14 ₹ 22 | 14궁34 14궁51 | 13≈47 14≈06 | 10 ¥ 21 10 ¥ 27 | 10 Y 20 10 Y 18 | 15∡10 15∡19 | 15 군 28 15 군 45 | 14≈41 14≈59 | 11 ¥ 20 11 ¥ 26 | 11 ° 22 11 ° 20 |
| | 13 ₹ 35 | 14궁15 | 13≈31 | 9 X 36 | 9Υ15 | 14 ₹ 32 | 15궁09 | 14≈24 | 10 × 33 | 10Υ16 | 15 ₹ 28 | 16중03 | 15≈17 | 11 X 31 | 11Υ18 |
| | 13 ₹ 44 13 ₹ 54 | 14중33 14중51 | 13≈50 14≈09 | 9 X 42 9 X 48 | 9Υ13 9Υ12 | 14 ₹ 41 14 ₹ 50 | 15 공 27 15 공 45 | 14≈43 15≈01 | 10 X 39 10 X 45 | 10 Y 15 10 Y 13 | 15 ₹ 38 15 ₹ 47 | 16 궁 20 16 궁 38 | 15≈36 15≈54 | 11 X 37 | 11 Y 16 11 Y 14 |
| - 1 | | | | | | | | | | | | | | 11 X 43 | 11 γ 14 |
| | 14 ₹ 03 14 ₹ 13 | 15 궁 09 15 궁 28 | 14≈28 14≈47 | 9 ¥ 55 10 ¥ 01 | 9Υ10 9Υ09 | 15∡00 15∡10 | 16 궁 03 16 궁 21 | 15≈20 15≈39 | 10 ¥ 52 10 ¥ 58 | 10 Y 11 10 Y 10 | 15 ₹ 57 16 ₹ 07 | 16 궁 56 17 궁 15 | 16≈12 16≈31 | 11 X 49 11 X 54 | $11\gamma 12$ $11\gamma 10$ |
| | 14 ₹ 23 | 15중47 | 15≈06 | 10 X 07 | 9 Υ 07 | 15 ₹ 20 | 16궁40 | 15≈58 | 11 X 04 | 10℃08 | 16×17 | 17중33 | 16≈49 | 12 ¥ 00 | 11Υ08 |
| | 14 7 33 | 16중06 | 15≈25 | 10 X 14 | 9Υ05 0Ν04 | 15 🗷 30 | 16궁59 | 16≈17 | 11 X 10 | 10Υ06 | 16 🗷 27 | 17352 | 17≈08 | 12 × 06 | 11Υ06 |
| | 14 7 44 | 16중25 | 15≈45 | 10 ¥ 20 | 9Υ04 | 15 741 | 17중18 | 16≈36 | 11 X 16 | 10 7 04 | 16 🗷 38 | 18312 | 17≈27 | 12 X 12 | 11Υ04 |
| | 14 ₹ 55 15 ₹ 06 | 16중45 17중05 | 16≈04 16≈24 | 10 ¥ 27 10 ¥ 34 | 9Υ02 9Υ00 | 15 ₹ 52 16 ₹ 03 | 17중38 17중58 | 16≈55 17≈15 | 11 X 23 11 X 29 | 10 Y 02 10 Y 00 | 16 ₹ 49 17 ₹ 00 | 18 군 31 18 군 51 | 17≈46 18≈05 | 12 X 18 12 X 24 | 11 Y 02 11 Y 00 |
| 32S | 15 ₹ 17 | 17중26 | 16≈44 | 10 X 40 | 8 Y 59 | 16×14 | 18궁19 | 17≈34 | 11 X 35 | 9Υ59 | 17×11 | 19ਰ11 | 18≈24 | 12 X 30 | 10°758 |
| | 15×29 | 17347 | 17≈04 | 10 X 47 | 8Υ57 | 16 7 26 | 18공39 | 17≈54 | 11 × 42 | 9Υ57 0Ν55 | 17×23 | 19 군 32 19 군 53 | 18≈44 10⊶02 | 12 × 36 | 10°756 |
| - 1 | 15 ₹ 40 15 ₹ 53 | 18308 | 17≈25 | 10 X 54 | 8Υ55 | 16×38 | 19중01 | 18≈14 | 11 X 48 | 9°755 | 17×35 | | 19≈03 19≈23 | 12 × 43 | 10 Y 54 10 Y 52 |
| | 16×105 | 18중30 18중52 | 17≈45 18≈06 | 11 X 01 11 X 08 | 8Υ53 8Υ52 | 16∡50 17∡03 | 19る22 19る45 | 18≈34 18≈55 | 11 X 55 12 X 02 | 9°753 | 17∡47 18∡00 | 20중15 20중37 | 19≈23 19≈43 | 12 X 49 12 X 55 | 10.752 10.750 |
| 37S | 16∡18 | 19ਰ15 | 18≈27 | 11 ₩ 15 | 8 Y 50 | 17∡16 | 20궁07 | 19≈15 | 12 ¥ 09 | 9Ƴ49 | 18 ₹ 13 | 20궁59 | 20≈04 | 13 ∺ 02 | 10℃47 |
| | | 19중39 | | | | 17×29 | | 19≈36 | | 9Υ46 0×44 | | | 20≈24 20×45 | | 10°°45 |
| - 1 | 16×146 | 20중03 | 19≈10 | 11 X 30 | 8Υ46 | 17 🗷 43 | 20중54 | 19≈58 | 12 ¥ 22 | 9 ° 44 | 18 🗷 40 | 21346 | 20≈45 | 13 X 15 | 10Υ43 |
| | 17 ₹ 00 17 ₹ 15 | 20중27 20중52 | 19≈32 19≈54 | 11 X 37 11 X 45 | 8Υ44 8Υ42 | 17 ₹ 57 18 ₹ 12 | 21중18 21중43 | 20≈19 20≈41 | 12 \(\pm 30\) 12 \(\pm 37\) | 9 ° 42 9 ° 40 | 18 ₹ 54 19 ₹ 09 | 22 궁 10 22 궁 34 | 21≈06 21≈28 | 13 ¥ 22 13 ¥ 29 | 10 Y 40 10 Y 38 |
| | 17 ₹ 31 | 21중18 | 20≈17 | 11 X 53 | 8Υ40 | 18 ₹ 28 | 22중09 | 21≈03 | 12 X 44 | 9Υ38 | 19∡25 | 23중00 | 21≈49 | 13 ¥ 36 | 10 Y 35 |
| | 17 🗷 47 | 21공45 | 20≈39 | 12 × 01 | 8Y38 | 18 🗷 44 | 22중35 | 21≈25 | 12 X 52 | 9Υ35 | 19 7 41 | 23 3 26 | 22≈11 | 13 X 43 | 10Υ33 |
| - 1 | 18 🗷 03 | 22312 | 21≈03 | 12 × 09 | 8Υ36 | 19 🗷 01 | 23중03 | 21≈48 | 12 × 59 | 9Υ33 | 19 🗷 58 | 23중53 | 22≈34 | 13 X 50 | 10Υ30 |
| | 18 ₹ 21 18 ₹ 39 | 22중40 23중10 | 21≈26 21≈50 | 12 ¥ 17 12 ¥ 25 | 8Υ33 8Υ31 | 19∡18 19∡37 | 23궁30 23궁59 | 22≈11 22≈35 | 13 X 07 13 X 15 | 9 Ƴ 30 9 Ƴ 28 | 20 ₹ 15 20 ₹ 34 | 24궁20 24궁49 | 22≈56 23≈20 | 13 X 58 14 X 05 | 10 ° 27 10 ° 24 |
| 47S | 18∡58 | 23중40 | 22≈15 | 12 X 34 | 8 Y 29 | 19∡56 | 24궁29 | 22≈59 | 13 ¥ 23 | 9Υ25 | 20∡53 | 25중18 | 23≈43 | 14 ¥ 13 | 10℃22 |
| | 19×18 | 24 궁 11 | 22≈40 23≈05 | 12 X 42 | 8Υ26 8Υ24 | 20 × 16 | 25 ⋜ 00 | 23≈24 23≈40 | 13 ¥ 32 | 9Υ22 9Υ20 | 21 ∡ 13 21 ∡ 34 | 25 궁 49 | 24≈07 24≈32 | 14 X 21 | 10Y19 |
| | 19×40 | 24 궁 43 | 23≈05 23≈31 | 12 X 51 | 8Υ24 8Υ21 | 20 ₹37 20 ₹59 | 25중32 26중04 | 23≈49 24≈14 | 13 ¥ 40 | 9 ° 20 9 ° 17 | 21 x 34 21 x 56 | 26중20 | 24≈32 | 14 X 29 | 10 Y 16 10 Y 12 |
| | 20 ₹ 02 20 ₹ 26 | 25중16 25중51 | 23≈31 23≈58 | 13 ¥ 00 13 ¥ 10 | 8Υ/21 8Υ19 | 20×39 21×23 | 26 중 38 | 24≈14 24≈40 | 13 X 49 13 X 58 | 9Υ17 9Υ14 | 21×36 22×20 | 26중53 27중26 | 24≈57 25≈22 | 14 X 37 14 X 45 | 10 Y 12 |
| 52S | 20∡51 | 26중26 | 24≈25 | 13 X 19 | 8 Y 16 | 21 ∡ 48 | 27중14 | 25≈07 | 14 ∺ 07 | 9Υ11 | 22 ₹ 45 | 28중01 | 25≈48 | 14 ∺ 54 | 10℃06 |
| | 21 ∡ 17 21 ∡ 46 | 27る04 27る42 | 24≈53 25≈21 | 13 ¥ 29 13 ¥ 39 | 8Υ13 8Υ10 | 22 ₹ 15 22 ₹ 43 | 27 궁 51 28 궁 29 | 25≈34 26≈02 | 14 X 16 14 X 26 | 9 ⋎ 08 9 ⋎ 04 | 23 ∡ 12 23 ∡ 40 | 28 궁 37 29 궁 15 | 26≈15 26≈42 | 15 ¥ 03 15 ¥ 12 | 10°702 9°759 |
| | 21 x 40 22 × 16 | 28 중 23 | 25≈21 25≈50 | 13 X 39 | 8Υ07 | 22 × 43 | 29중09 | 26≈02 26≈30 | 14 X 26 | 9 Y 04 9 Y 01 | 24 × 10 | 29 日 13 | 20≈42 27≈10 | 15 X 12 | 9Y55 |
| | 22 × 10 | 29중05 | 25≈30 26≈20 | 13 X 49 14 X 00 | 8Υ07 8Υ04 | 23 × 13 | 29 급 50 | 26≈59 | 14 X 36 | 8Υ58 | 24 × 10 | 0≈35 | 27≈10 27≈39 | 15 X 22 | 9Υ51 |
| 57S | 23 ≉ 24 | 29궁49 | 26≈51 | 14 X 11 | 8 Y 01 | 24 ₹ 21 | 0≈33 | 27≈29 | 14 ¥ 56 | 8 Ƴ 54 | 25 ₹ 18 | 1≈18 | 28≈08 | 15 ∺ 41 | 9Ƴ47 |
| | 24 ∡ 03 24 ∡ 45 | 0≈35 1≈23 | 27≈22 27≈54 | 14 X 23 14 X 34 | 7Υ57 7Υ54 | 25 ₹ 00 25 ₹ 42 | 1≈19 2≈06 | 28≈00 28≈32 | 15 ¥ 07 15 ¥ 18 | 8 Y 50 8 Y 46 | 25 ₹ 57 26 ₹ 39 | 2≈03 2≈49 | 28≈38 29≈09 | 15 X 51 16 X 02 | 9 ° 43 9 ° 39 |
| - 1 | 24 × 43 25 ₹ 32 | 2≈13 | 27≈34 28≈27 | 14 X 34 | 7Υ50 | 26 × 29 | 2≈56 | 20≈32 29≈04 | 15 X 16 | 8Y42 | 20 x·39 27 ₹ 25 | 3≈38 | 29≈09 29≈41 | 16 X 13 | 9Υ34 |
| | 26×25 | 3≈06 | 28≈27 29≈01 | 14 X 40 | 7Υ46 | 20 x 29 27 x 21 | 2≈30 3≈48 | 29≈04 29≈37 | 15 X 30 | 8Y38 | 27 × 23 28 ₹ 17 | 3≈38 | 29≈41 0 X 13 | 16 X 13 | 9Υ34 9Υ29 |
| 62S | 27 ₹ 24 | 4≈02 | 29≈37 | 15 ¥ 12 | 7 Ƴ 42 | 28 ₹ 20 | 4≈43 | 0 ∺ 12 | 15 ¥ 54 | 8 Y 33 | 29 ≉ 16 | 5≈23 | 0 ∺ 47 | 16 ¥ 36 | 9℃24 |
| | 28 ₹ 33 29 ₹ 55 | 5≈01 6≈02 | 0 X 13 | 15 ¥ 25 | 7Υ38 7Υ33 | 29 ₹ 28 0 ₹ 49 | 5≈40 6≈41 | 0 X 47 | 16 ¥ 20 | 8 ° 28 8 ° 23 | 0중23 | 6≈20 7≈20 | 1 X 22 | 16 X 48 | 9 Υ 19 9 Υ 14 |
| 64S 65S | 29x'33 1 공 37 | 0≈02 7≈08 | 0 ¥ 50 1 ¥ 29 | 15 ¥ 39 15 ¥ 54 | 7Υ28 | 0중49 2중31 | 6≈41 7≈45 | 1 X 24 2 X 02 | 16 ¥ 20 16 ¥ 34 | 8 Υ 23 8 Υ 18 | 1중44 3중23 | 7≈20 8≈23 | 1 X 58 2 X 35 | 17 X 01 17 X 14 | 9Y14 9Y08 |
| 66S | 1637 4 ਰ 01 | 7≈08 8≈17 | 2 X 08 | 15 X 54 16 X 09 | 7Y28 | 4 공 50 | 7≈43 8≈53 | 2 X 02 2 X 41 | 16 X 49 | 8 Y 18 | 5 군 39 | 8≈23 9≈30 | 2 X 33 | 17 X 14 | 9Y08 |
| pc | 6궁10 | 8≈58 | 2 X 31 | 16 ∺ 18 | 7Υ21 | 6궁51 | 9≈33 | 3 X 03 | 16 X 57 | 8 Y 09 | 7중33 | 10≈09 | 3 ¥ 35 | 17 X 36 | 8Υ58 |

| | Sid.Tir MC: | | 48m A ,27'42 | RMC: 2 | 22°00' | Sid.Tir MC: | | 52m A .27'56 | RMC: 2 | 223°00' | Sid.Tir MC: | ne: 14h: | 56m A .27'59 | RMC: 2 | 24°00' |
|------------|----------------------------------|--------------------------------------|--|--|---------------------------------------|--------------------------------|----------------------------------|--|--|---------------------------------------|----------------------------------|----------------------------------|-------------------|--|------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 13 ₹ 24 | 11중02 | 9≈33 | 10 X 29 | 13 ℃ 02 | 14 ∡ 19 | 11궁57 | 10≈32 | 11 X 34 | 14 ℃ 07 | 15 ₹ 15 | 12중53 | 11≈32 | 12 X 38 | 15 Y 12 |
| 1S | 13 ₹ 31 | 11317 | 9≈52 | 10 × 35 | 13Υ00 | 14×27 | 12중13 | 10≈51 | 11 X 39 | 14Υ05 | 15 ₹ 23 | 13중08 | 11≈50 | 12 X 43 | 15 Y 09 |
| 2S | 13 🗷 39 | 11333 | 10≈11 | 10 X 41 | 12°758 | 14 🗷 35 | 12328 | 11≈10 | 11 X 45 | 14 7 03 | 15 731 | 13824 | 12≈09 | 12 × 48 | 15 Y 07 |
| 3S 4S | 13 ₹ 47 13 ₹ 54 | 11궁49 12궁04 | 10≈30 10≈48 | 10 X 46 10 X 52 | 12 \gamma 56 12 \gamma 54 | 14 ∡ 43 14 ∡ 50 | 12중44 12중59 | 11≈28 11≈47 | 11 X 50 11 X 55 | 14 Y 01 13 Y 59 | 15 ₹ 38 15 ₹ 46 | 13중39 13중55 | 12≈27 12≈45 | 12 X 53 12 X 58 | 15 Y 05 15 Y 03 |
| 5S | 14×102 | 12320 | 11≈07 | 10 X 58 | 12 Y 52 | 14 × 58 | 13중15 | 12≈05 | 12 X 00 | 13Υ57 | 15 \$7 54 | 14310 | 13≈03 | 13 X 03 | 15 γ 00 |
| 6S | 14×102 | 12835 | 11≈07 | 10 X 38 | 12 Y 32 12 Y 51 | 15×106 | 13831 | 12≈03 | 12 X 00 | 13 Y 57 | 16×102 | 14810 | 13≈03 | 13 X 03 | 14 Y 58 |
| 7S | 14×18 | 12851 | 11≈43 | 11 × 09 | 12 Y 49 | 15 × 00 | 13346 | 12≈41 | 12 X 11 | 13Υ52 | 16 × 10 | 14341 | 13≈38 | 13 × 13 | 14Υ56 |
| 8S | 14≯26 | 13る07 | 12≈01 | 11 X 14 | 12 Ƴ 47 | 15 ₹ 22 | 14궁02 | 12≈59 | 12 X 16 | 13 Y 50 | 16∡18 | 14궁57 | 13≈56 | 13 X 18 | 14 Y 54 |
| 9S | 14 ₹ 34 | 13중23 | 12≈19 | 11 X 19 | 12Ƴ45 | 15 ₹ 30 | 14궁18 | 13≈16 | 12 ¥ 21 | 13 ℃ 48 | 16∡26 | 15중13 | 14≈13 | 13 ∺ 23 | 14Y52 |
| 10S | 14 ₹ 42 | 13중38 | 12≈37 | 11 ¥ 25 | 12Ƴ43 | 15∡38 | 14궁33 | 13≈34 | 12 X 26 | 13 Y 46 | 16≉34 | 15중28 | 14≈31 | 13 ¥ 28 | 14 Y 49 |
| 118 | 14 ₹ 50 | 13중54 | 12≈55 | 11 X 30 | 12Υ41 | 15×146 | 14349 | 13≈52 | 12¥31 | 13Υ44 | 16 🗷 42 | 15844 | 14≈48 | 13 ¥ 32 | 14Υ47 |
| 12S 13S | 14∡58 15∡06 | 14궁10 14궁26 | 13≈13 13≈31 | 11 X 36 11 X 41 | 12 Y 39 12 Y 37 | 15 ₹ 54 16 ₹ 02 | 15중05 15중21 | 14≈09 14≈27 | 12 ¥ 36 12 ¥ 41 | 13 \(\gamma 42 \) 13 \(\gamma 40 \) | 16 ₹ 50 16 ₹ 58 | 16 궁 00 16 궁 16 | 15≈06 15≈23 | 13 X 37 13 X 42 | 14 Y 45 |
| 14S | 15 x 14 | 14820 | 13≈31 | 11 X 41 | 12 Y 37 | 16×02 | 15 8 21 | 14≈27 14≈44 | 12 X 41 | 13 Y 40 | 10 x· 38 17 ₹ 07 | 16332 | 15≈23 | 13 X 42 | 14 Y 40 |
| 15S | 15 × 23 | 14359 | 14≈06 | 11 X 52 | 12 Y 33 | 16 🗷 19 | 15중53 | 15≈02 | 12 X 52 | 13 γ 36 | 17 × 15 | 16정48 | 15≈57 | 13 X 52 | 14Υ38 |
| 16S | 15 x·23 | 15중15 | 14≈00 | 11 X 52 | 12 Y 33 | 16×19 | 15833 | 15≈02 | 12 X 52 | 13 Y 34 | 17×13 | 17304 | 15≈57 | 13 X 52 | 14 Y 36 |
| 17S | 15×31 | 15중32 | 14≈42 | 12 × 02 | 12 Y 29 | 16×26 | 16중26 | 15≈37 | 13 × 02 | 13Υ32 | 17×21 | 17중21 | 16≈32 | 14 × 01 | 14Υ34 |
| 18S | 15 ₹ 49 | 15중48 | 15≈00 | 12 ¥ 08 | 12Ƴ27 | 16∡45 | 16중43 | 15≈54 | 13 ∺ 07 | 13℃29 | 17 <i>≱</i> 141 | 17중37 | 16≈49 | 14 ¥ 06 | 14 Y 31 |
| 19S | 15 ₹ 57 | 16중05 | 15≈17 | 12 ∺ 13 | 12Ƴ25 | 16 ₹ 54 | 16궁59 | 16≈12 | 13 ∺ 12 | 13℃27 | 17∡50 | 17중54 | 17≈06 | 14 X 11 | 14Ƴ29 |
| 20S | 16∡06 | 16중22 | 15≈35 | 12 ∺ 18 | 12Ƴ23 | 17 ≉ 03 | 17궁16 | 16≈29 | 13 ∺ 17 | 13℃25 | 17 ∡ 59 | 18중10 | 17≈23 | 14 ¥ 16 | 14 Y 27 |
| 21S | 16×16 | 16중39 | 15≈53 | 12 X 24 | 12 Y 21 | 17×12 | 17중33 | 16≈47 | 13 ¥ 22 | 13Υ23 | 18×08 | 18중27 | 17≈40 | 14 × 20 | 14Υ24 |
| 22S | 16∡25 16∡34 | 16공57 | 16≈11 16≈29 | 12 ¥ 29 12 ¥ 35 | 12Y19 | 17∡21 17∡31 | 17 3 51 | 17≈04 17≈22 | 13 X 27 | 13 Y 21 13 Y 19 | 18 ∡ 17 18 ∡ 27 | 18 궁 45 19 궁 02 | 17≈58 18≈15 | 14 × 25 | 14 Y 22 14 Y 20 |
| 23S 24S | 16× 34 | 17중14 17중32 | 16≈29 | 12 X 33 | 12 Y 17 12 Y 15 | 17×31 17×40 | 18 궁 08 18 궁 26 | 17≈22 | 13 ¥ 32 13 ¥ 37 | 13 Y 19 | 18 × 36 | 19802 | 18≈32 | 14 ¥ 30 14 ¥ 35 | 14 Y 20 |
| | | | | | | | | | | | | | | | 14Υ15 |
| 25S 26S | 16∡53 17∡03 | 17 궁 50 18 궁 08 | 17≈05 17≈23 | 12 X 46 12 X 51 | 12 Y 13 12 Y 11 | 17∡50 18∡00 | 18 궁 44 19 궁 02 | 17≈57 18≈15 | 13 X 43 13 X 48 | 13 Y 14 13 Y 12 | 18 ₹ 46 18 ₹ 56 | 19 궁 37 19 궁 55 | 18≈50 19≈07 | 14 X 40 14 X 45 | 14 Y 13 |
| 27S | 17×03 | 18327 | 17≈41 | 12 X 57 | 12 Y 09 | 18 🗷 10 | 19 3 20 | 18≈33 | 13 X 53 | 13 γ 12 | 19 🗷 06 | 20중13 | 19≈25 | 14 X 50 | 14Υ10 |
| 28S | 17∡24 | 18중46 | 18≈00 | 13 ★ 02 | 12℃07 | 18 ≉ 20 | 19궁39 | 18≈51 | 13 ¥ 58 | 13℃07 | 19∡17 | 20중32 | 19≈43 | 14 X 55 | 14 Y 08 |
| 29S | 17 ≯ 34 | 19중05 | 18≈18 | 13 ¥ 08 | 12℃05 | 18∡31 | 19궁58 | 19≈09 | 14 ∺ 04 | 13 Y 05 | 19∡27 | 20궁51 | 20≈01 | 15 ∺ 00 | 14Y05 |
| 30S | 17∡45 | 19궁24 | 18≈37 | 13 ¥ 14 | 12Ƴ02 | 18 ₹ 42 | 20궁17 | 19≈28 | 14 X 09 | 13 Y 02 | 19∡138 | 21궁10 | 20≈19 | 15 ¥ 05 | 14 Y 02 |
| 318 | 17 ₹ 56 | 19중44 | 18≈56 | 13 X 19 | 12Υ00 | 18 × 53 | 20중37 | 19≈46 | 14 X 15 | 13Υ00 | 19 7 49 | 21중29 | 20≈37 | 15 X 10 | 14Υ00 |
| 32S 33S | 18∡08 18∡19 | 20중04 20중24 | 19≈15 19≈34 | 13 X 25 13 X 31 | 11 \(\cdot 58 \) 11 \(\cdot 56 \) | 19∡04 19∡16 | 20궁57 21궁17 | 20≈05 20≈23 | 14 ¥ 20 14 ¥ 26 | 12 Y 58 | 20 ₹ 01 20 ₹ 12 | 21정49 22정09 | 20≈55 21≈13 | 15 X 15 15 X 20 | 13 \gamma 57 |
| 34S | 18×19 | 20 8 24 20 중 45 | 19≈54 | 13 X 37 | 11 Y 50 | 19x·10 19x•28 | 21중38 | 20≈23 20≈42 | 14 X 20 | 12 Y 53 | 20 x·12 20 x·24 | 22 중 30 | 21≈13 21≈32 | 15 X 26 | 13 Y 54 |
| 35S | 18 × 44 | 21중07 | 20≈12 | 13 X 43 | 11Υ51 | 19 🗷 40 | 21궁59 | 21≈02 | 14 ¥ 37 | 12 7 50 | 20 🗷 37 | 22351 | 21≈51 | 15 * 31 | 13°Y49 |
| 36S | 18 \$7 56 | 21329 | 20≈12 20≈32 | 13 X 49 | 11 γ 31 11 γ 48 | 19 🛪 53 | 22 공 20 | 21≈02 21≈21 | 14 X 43 | 12 γ 30 | 20 × 37 | 23312 | 22≈10 | 15 X 36 | 13Υ46 |
| 37S | 19∡09 | 21궁51 | 20≈52 | 13 X 55 | 11Ƴ46 | 20 ₮ 06 | 22343 | 21≈40 | 14 X 49 | 12 ° 45 | 21 द 03 | 23중34 | 22≈29 | 15 X 42 | 13 Y 43 |
| 38S | 19 🗷 23 | 22중14 | 21≈12 | 14 × 01 | 11Υ43 | 20 ₹ 20 | 23중05 | 22≈00 | 14 X 54 | 12°Y42 | 21 🗷 16 | 23궁57 | 22≈48 | 15 X 47 | 13 Y 40 |
| 39S | 19 ₹ 37 | 22중37 | 21≈33 | 14 ₩ 08 | 11Ƴ41 | 20 ∡ 34 | 23중28 | 22≈20 | 15 ¥ 00 | 12 Y 39 | 21 ₹ 30 | 24중19 | 23≈08 | 15 X 53 | 13 Ƴ 37 |
| 40S | 19∡51 | 23중01 | 21≈53 | 14 X 14 | 11 ℃ 38 | 20 ∡ 48 | 23궁52 | 22≈41 | 15 ¥ 06 | 12Υ36 | 21 🗷 45 | 24343 | 23≈28 | 15 X 59 | 13Υ34 |
| 418 | 20 ₹ 06 20 ₹ 22 | 23중25 23중50 | 22≈14 22≈36 | 14 X 21 14 X 27 | 11 Y 36 | 21 × 03 | 24중16 24중41 | 23≈01 | 15 X 13 15 X 19 | 12 \mathcal{Y} 33 | 21 ₹ 59 22 ₹ 15 | 25 궁 07 25 궁 32 | 23≈48 24≈08 | 16 × 05 | 13 \gamma 31 13 \gamma 28 |
| 42S 43S | 20 x 22 20 x 38 | 23 日 30 | 22≈36 22≈57 | 14 X 27 | 11 \(\gamma 33 \) 11 \(\gamma 30 \) | 21 ∡ 19 21 ∡ 35 | 24 5 41 25 궁 07 | 23≈22 23≈43 | 15 X 19 | 12 Y 30 12 Y 27 | 22 × 13 | 25 ~ 57 | 24≈08 24≈29 | 16 X 11 16 X 17 | 13 Y 28 |
| 44S | 20 ₹ 55 | 24843 | 23≈19 | 14 X 41 | 11 Y 27 | 21 🗷 51 | 25중33 | 24≈05 | 15 × 32 | 12 Y 24 | 22 × 48 | 26중23 | 24≈50 | 16 × 23 | 13 Y 21 |
| 45S | 21 🗷 12 | 25중10 | 23≈42 | 14 X 48 | 11Ƴ24 | 22 ₹ 09 | 26중00 | 24≈27 | 15 X 38 | 12Y21 | 23 ₹ 05 | 26궁50 | 25≈12 | 16 X 29 | 13 Y 18 |
| 46S | 21 🗷 31 | 25중38 | 24≈04 | 14 X 55 | 11Y21 | 22 ₹ 27 | 26중28 | 24≈49 | 15 × 45 | 12 Y 18 | 23 ₹ 24 | 27중17 | 25≈33 | 16 × 35 | 13 Y 14 |
| 47S | 21 ₹ 50 | 26중08 | 24≈27 | 15 ¥ 02 | 11Υ18 | 22 ₹ 46 | 26궁57 | 25≈12 | 15 ¥ 52 | 12Υ14 | 23 🗷 43 | 27346 | 25≈56 | 16 ¥ 42 | 13Υ11 |
| 48S | 22 🗷 10 | 26중38 | 24≈51 25×15 | 15 × 10 | 11Υ15 | 23 🗷 07 | 27 궁 26 | 25≈35 25 5° | 15 X 59 | 12Υ11 | 24 🗷 03 | 28315 | 26≈18 26×41 | 16 × 49 | 13 Y 07 |
| 498 | 22 ₹ 31 | 27중09 | 25≈15 | 15 X 18 | 11Υ11 | 23 🗷 28 | 27357 | 25≈58 | 16 ¥ 06 | 12Υ07 | 24 🗷 24 | 28345 | 26≈41 | 16 X 55 | 13Υ03 |
| 50S | 22 🗷 53 | 27341 | 25≈39 26≈04 | 15 × 25 | 11 Y 08 | 23 🗷 50 | 28 궁 29 | 26≈22 26≈47 | 16 X 14 | 12 7 04 | 24 🗷 46 | 29중17 | 27≈05 | 17 × 02 | 12Υ59 |
| 51S 52S | 23 ∡ 17 23 ∡ 42 | 28중14 28중48 | 26≈04 26≈30 | 15 X 33 15 X 42 | 11 ⋎ 04 11 ⋎ 01 | 24 ∡ 13 24 ∡ 38 | 29 궁 02 29 궁 36 | 26≈47 27≈12 | 16 X 21 16 X 29 | 12 Y 00 11 Y 56 | 25 ₹ 10 25 ₹ 35 | 29⋜49 0≈23 | 27≈29 27≈53 | 17 ¥ 09 17 ¥ 17 | 12 Y 55 12 Y 51 |
| 53S | 24×108 | 29324 | 26≈56 | 15 X 42 | 10 Y 57 | 25 ₹ 05 | 0≈11 | 27≈12 27≈37 | 16 X 29 | 11 Y 50 | 25 x·35 26 ₹ 01 | 0≈23 | 27≈33 28≈18 | 17 X 17 | 12 Y 31 12 Y 46 |
| 54S | 24 ₹ 37 | 0≈01 | 27≈23 | 15 X 59 | 10°753 | 25 ₹ 33 | 0≈48 | 28≈03 | 16 X 45 | 11°Y47 | 26 ₹ 29 | 1≈34 | 28≈44 | 17 ¥ 32 | 12Υ42 |
| 55S | 25 ₹ 07 | 0≈40 | 27≈50 | 16 ∺ 08 | 10Ƴ49 | 26 ₮ 03 | 1≈26 | 28≈30 | 16 ¥ 54 | 11 ° 43 | 26 ₹ 59 | 2≈12 | 29≈10 | 17 X 40 | 12 Y 37 |
| 56S | 25 ₹ 40 | 1≈21 | 28≈18 | 16 X 17 | 10℃45 | 26 ≉ 36 | 2≈06 | 28≈57 | 17 × 02 | 11 Y 39 | 27 द 32 | 2≈51 | 29≈37 | 17 X 48 | 12 Y 32 |
| 57S | 26 ₹ 15 | 2≈03 | 28≈47 | 16 ₩ 26 | 10℃41 | 27 🗷 11 | 2≈47 | 29≈25 | 17 × 11 | 11Υ34 | 28 ≠ 07 | 3≈32 | 0 ★ 04 | 17 ★ 56 | 12 Y 27 |
| 58S | 26 × 53 | 2≈47 | 29≈16 | 16 × 36 | 10°736 | 27 🗷 49 | 3≈30 | 29≈54 | 17 × 20 | 11Υ29 | 28 🗷 45 | 4≈14 | 0 X 32 | 18 X 05 | 12Υ22 |
| 598 | 27 ₹ 35 | 3≈33 | 29≈46 | 16 X 46 | 10Υ31 | 28 🗷 31 | 4≈16 | 0 X 24 | 17 ¥ 30 | 11γ24 | 29 🗷 26 | 4≈59 | 1 X 01 | 18 💥 14 | 12Υ16 |
| 60S | 28×21 | 4≈21 5×11 | 0 X 18 | 16 X 56 | 10Y26 | 29 🗷 17 | 5≈03 | 0 X 54 | 17 × 40 | 11Υ18 | 0중12 | 5≈45 6×24 | 1 X 31 | 18 X 23 | 12Y10 |
| 61S 62S | 29 <i>束</i> 13 0궁11 | 5≈11 6≈04 | 0 X 50 1 X 22 | 17 ¥ 07 17 ¥ 18 | 10 ° 21 10 ° 16 | 0 궁 08 1 궁 06 | 5≈53 6≈45 | 1 X 26 1 X 58 | 17 ¥ 50 18 ¥ 00 | 11 Y 13 | 1중03 2중00 | 6≈34 7≈26 | 2 ¥ 02 2 ¥ 33 | 18 ¥ 33 18 ¥ 43 | 12 Y 04 11 Y 58 |
| 63S | 1318 | 7≈00 | 1 X 56 | 17 X 30 | 10 Y 10 | 2 3 12 | 7≈40 | 2 X 31 | 18 X 11 | 11 γ 07 | 3 3 06 | 8≈20 | 3 X 06 | 18 X 53 | 11 Y 51 |
| 64S | 2ਰ37 | 7≈59 | 2 ∺ 31 | 17 X 42 | 10 ℃ 04 | 3중30 | 8≈37 | 3 × 05 | 18 ¥ 23 | 10Υ54 | 4중23 | 9≈16 | 3 X 39 | 19 X 03 | 11 ° 44 |
| 65S | 4궁15 | 9≈01 | 3 ¥ 08 | 17 X 54 | 9Υ58 | 5중07 | 9≈38 | 3 ¥ 41 | 18 ∺ 34 | 10 Ƴ 47 | 5ਰ57 | 10≈16 | 4 | 19 X 15 | 11 Y 37 |
| 66S | 6궁27 | 10≈06 | 3 ¥ 45 | 18 ∺ 07 | 9Υ51 | 7중15 | 10≈42 | 4 X 17 | 18 ₩ 47 | 10Υ40 | 8중02 | 11≈19 | 4 × 49 | 19 ∺ 26 | 11Y29 |
| pc | 8중14 | 10≈44 | 4 ∺ 06 | 18 | 9Ƴ47 | 8중55 | 11≈20 | 4 ∺ 38 | 18 | 10 Y 36 | 9 궁 37 | 11≈56 | 5 ¥ 10 | 19 ∺ 33 | 11 Y 25 |
| <u> </u> | | | | ecliptic of | 1. 7 | 2000 | 2026121 | | () (() | | | - | : | | - |

| | Sid.Tir MC: | | 00m A .27'51 | RMC: 2 | 25°00' | Sid.Tir MC: | | 04m A ,27'32 | RMC: 2 | 226°00' | Sid.Tir MC: | ne: 15h(| 08m A .27'03 | RMC: 2 | 227°00' |
|------------|---------------------|----------------------------------|-------------------|--|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16×11 | 13348 | 12≈32 | 13 X 43 | 16Ƴ16 | 17 <i>≱</i> 06 | 14344 | 13≈32 | 14 X 47 | 17 Y 21 | 18 ≈ 02 | 15중40 | 14≈32 | 15 ∺ 52 | 18Ƴ25 |
| 1S | 16∡19 | 14궁04 | 12≈50 | 13 X 47 | 16Ƴ14 | 17 <i>≱</i> 14 | 14궁59 | 13≈49 | 14 X 52 | 17 ⋎ 18 | 18 ₺ 10 | 15중55 | 14≈49 | 15 X 56 | 18℃23 |
| 2S | 16×26 | 14궁19 | 13≈08 | 13 X 52 | 16Υ12 | 17×22 | 15315 | 14≈07 | 14 X 56 | 17°16 | 18 7 18 | 16중10 | 15≈07 | 16 × 00 | 18Y20 |
| 3S 4S | 16 ₹ 34 16 ₹ 42 | 14중35 14중50 | 13≈26 13≈44 | 13 X 57 14 X 02 | 16 Y 09 16 Y 07 | 17 ∡ 30 17 ∡ 38 | 15 궁 30 15 궁 46 | 14≈25 14≈42 | 15 ¥ 01 15 ¥ 05 | 17\dagger13 | 18 ₹ 25 18 ₹ 33 | 16 궁 26 16 궁 41 | 15≈24 15≈41 | 16 ¥ 05 16 ¥ 09 | 18 Υ 17 18 Υ 14 |
| 5S | 16×12 | 15중06 | 14≈01 | 14 X 06 | 16Y04 | 17×36 | 16중01 | 15≈00 | 15 ¥ 09 | 17Υ08 | 18 🗷 41 | 16중56 | 15≈58 | | 18Υ12 |
| 6S | 16 × 58 | 15중00 15중21 | 14≈01 | 14 X 00 | 16 Y 04 | 17 × 40 | 16816 | 15≈00 | 15 X 19 | 17 Y 08 | 18 🗷 49 | 17중12 | 15≈38 | 16 X 13 | 18Y12 |
| 7S | 17×106 | 15중37 | 14≈36 | 14 X 16 | 16Y00 | 18×01 | 16중32 | 15≈34 | 15 X 18 | 17Y03 | 18 × 57 | 17827 | 16≈32 | 16 X 21 | 18Y06 |
| 8S | 17 <i>≯</i> 14 | 15중52 | 14≈54 | 14 ¥ 20 | 15 ℃ 57 | 18∡09 | 16궁47 | 15≈51 | 15 ∺ 22 | 17 Y 01 | 19∡05 | 17중43 | 16≈49 | 16 ∺ 25 | 18 Y 04 |
| 9S | 17 ₹ 22 | 16중08 | 15≈11 | 14 ¥ 25 | 15 ℃ 55 | 18 ₮ 17 | 17る03 | 16≈08 | 15 ∺ 27 | 16 Υ 58 | 19 ₹ 13 | 17중58 | 17≈06 | 16 ∺ 29 | 18Ƴ01 |
| 10S | 17 ₹ 30 | 16중23 | 15≈28 | 14 ¥ 29 | 15 ℃ 53 | 18 ₹ 26 | 17궁18 | 16≈25 | 15 ★ 31 | 16 Y 56 | 19∡21 | 18중13 | 17≈22 | 16 | 17Ƴ58 |
| 118 | 17×38 | 16궁39 | 15≈45 | 14 × 34 | 15Υ50 | 18 🛪 34 | 17834 | 16≈42 | 15 × 35 | 16°Y 53 | 19 🗷 30 | 18329 | 17≈39 | 16 × 37 | 17°56 |
| 12S 13S | 17 ₹ 46 17 ₹ 54 | 16 궁 55 17 궁 11 | 16≈02 16≈19 | 14 X 38 14 X 43 | 15 Y 48 15 Y 45 | 18 ∡ 42 18 ∡ 50 | 17중50 18중05 | 16≈59 17≈15 | 15 X 39 15 X 44 | 16 Y 50 16 Y 48 | 19 ₹ 38 19 ₹ 46 | 18 궁 45 19 궁 00 | 17≈55 18≈12 | 16 X 40 16 X 44 | 17 Y 53 |
| 14S | 18 × 03 | 17827 | 16≈36 | 14 X 47 | 15 ↑ 43 | 18 × 59 | 18321 | 17≈32 | 15 X 48 | 16 7 45 | 19 \$7 54 | 19중16 | 18≈28 | 16 X 48 | 17 Y 48 |
| 15S | 18 <i>z</i> -11 | 17중43 | 16≈53 | 14 X 52 | 15 Ƴ 41 | 19 ~ 07 | 18중37 | 17≈49 | 15 X 52 | 16°Y43 | 20 🗷 03 | 19중32 | 18≈44 | 16 X 52 | 17 Υ 45 |
| 16S | 18×11 | 17 3 43 | 17≈10 | 14 × 56 | 15 Y 38 | 19 \$7 16 | 18공53 | 18≈05 | 15 X 56 | 16 Y 40 | 20 × 03 20 × 12 | 19832 19 공 48 | 19≈01 | 16 X 56 | 17 Y 43 |
| 17S | 18 ₹ 28 | 18중15 | 17≈27 | 15 ∺ 01 | 15Ƴ36 | 19 ₹ 24 | 19궁09 | 18≈22 | 16 ¥ 00 | 16 Y 38 | 20 ₹ 20 | 20중04 | 19≈17 | 17 ∺ 00 | 17Ƴ40 |
| 18S | 18×37 | 18중31 | 17≈43 | 15 × 05 | 15°733 | 19 🗷 33 | 19826 | 18≈38 | 16 ¥ 05 | 16Y35 | 20 7 29 | 20중20 | 19≈33 | 17 × 04 | 17 Y 37 |
| 19S | 18 ∡ 46 | 18중48 | 18≈00 | 15 X 10 | 15Ƴ31 | 19 ₹ 42 | 19중42 | 18≈55 | 16 ¥ 09 | 16 Y 32 | 20 ∡ 38 | 20중36 | 19≈49 | 17 ∺ 08 | 17 Ƴ 34 |
| 20S | 18 × 55 | 19중05 | 18≈17 | 15 × 14 | 15Υ28 | 19 \$751 | 19중59 | 19≈11 1028 | 16 X 13 | 16 Y 30 | 20 7 47 | 20중53 | 20≈06 20×22 | 17 × 12 | 17Y31 |
| 21S 22S | 19∡04 19∡14 | 19 궁 21 19 궁 38 | 18≈34 18≈51 | 15 X 19 15 X 23 | 15 Y 26 15 Y 23 | 20 × 00 20 × 10 | 20 궁 15 20 궁 32 | 19≈28 19≈45 | 16 X 17 16 X 21 | 16\cdot 27 | 20 ₹ 56 21 ₹ 06 | 21 궁 09 21 궁 26 | 20≈22 20≈38 | 17 ¥ 16 17 ¥ 20 | 17Υ28 17Υ26 |
| 23S | 19 \$\frac{7}{23}\$ | 19궁56 | 19≈08 | 15 X 28 | 15 ¥ 25 15 ¥ 21 | 20 × 10 | 20332 | 20≈01 | 16 X 26 | 16Υ22 | 21 \$\times 15 | 21343 | 20≈55 20≈55 | 17 X 24 | 17Y23 |
| 24S | 19 ≉ 33 | 20중13 | 19≈25 | 15 ¥ 32 | 15Ƴ18 | 20 ₹ 29 | 21중07 | 20≈18 | 16 ∺ 30 | 16 Y 19 | 21 ₹ 25 | 22중00 | 21≈11 | 17 ∺ 28 | 17Ƴ20 |
| 25S | 19 ₹ 42 | 20중31 | 19≈42 | 15 X 37 | 15Υ16 | 20 ₮ 39 | 21324 | 20≈35 | 16 ∺ 34 | 16 Y 16 | 21 🗷 34 | 22318 | 21≈28 | 17 ∺ 32 | 17 Υ 17 |
| 26S | 19 ₹ 52 | 20궁49 | 20≈00 | 15 ¥ 42 | 15Ƴ13 | 20 ₹ 49 | 21342 | 20≈52 | 16 ¥ 39 | 16 Y 14 | 21 ₹ 44 | 22중35 | 21≈44 | 17 ¥ 36 | 17Ƴ14 |
| 27S | 20 🗷 03 | 21중07 | 20≈17 | 15 X 46 | 15Υ10 | 20 \$7 59 | 22중00 | 21≈09 | 16 × 43 | 16Υ11 | 21 🗷 55 | 22중53 | 22≈01 | 17 × 40 | 17Υ11 |
| 28S 29S | 20 ₹ 13 20 ₹ 24 | 21중25 21중44 | 20≈34 20≈52 | 15 X 51 15 X 56 | 15 Y 08 15 Y 05 | 21 ∡ 09 21 ∡ 20 | 22 궁 18 22 궁 37 | 21≈26 21≈43 | 16 X 47 16 X 52 | 16 Y 08 | 22 ₹ 05 22 ₹ 16 | 23중11 23중30 | 22≈18 22≈35 | 17 X 44 17 X 48 | 17 Y 08 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 20 ₹ 34 20 ₹ 46 | 22중03 22중22 | 21≈10 21≈27 | 16 ¥ 01 16 ¥ 05 | 15 Y 02 15 Y 00 | 21 🗷 31 21 🗷 42 | 22 궁 56 23 궁 15 | 22≈00 22≈18 | 16 ¥ 56 17 ¥ 01 | 16 Y 02 | 22 ₹ 27 22 ₹ 38 | 23 중 48 24 중 07 | 22≈51 23≈09 | 17 X 52 17 X 56 | 17\cdot\02 |
| 32S | 20 ₹ 57 | 22342 | 21≈45 | 16 X 10 | 14\gamma 57 | 21 🗷 53 | 23334 | 22≈35 | 17 × 05 | 15Υ56 | 22 🗷 49 | 24 공 27 | 23≈26 | 18 ¥ 00 | 16 Y 55 |
| 33S | 21 ∡ 09 | 23중02 | 22≈03 | 16¥15 | 14Ƴ54 | 22 ₹ 05 | 23궁54 | 22≈53 | 17 ∺ 10 | 15 Y 53 | 23 ₮ 01 | 24궁46 | 23≈43 | 18 ¥ 05 | 16 Y 52 |
| 34S | 21 ₹21 | 23중22 | 22≈21 | 16 ¥ 20 | 14Ƴ51 | 22 ₮ 17 | 24중14 | 23≈11 | 17 X 15 | 15 Y 50 | 23 ₮ 13 | 25중06 | 24≈01 | 18 ∺ 09 | 16Ƴ49 |
| 35S | 21 ≯ 33 | 23중43 | 22≈40 | 16 ∺ 25 | 14Ƴ48 | 22 ₹ 29 | 24중35 | 23≈29 | 17 X 19 | 15Ƴ47 | 23 ₹ 25 | 25중27 | 24≈18 | 18 × 13 | 16 Y 46 |
| 36S | 21 7 46 | 24304 | 22≈58 | 16 × 30 | 14°°45 | 22 🗷 42 | 24356 | 23≈47 | 17 × 24 | 15°°44 | 23 🗷 38 | 25348 | 24≈36 | 18 X 18 | 16Υ42 |
| 37S 38S | 21 ₹ 59 22 ₹ 12 | 24 궁 26 24 궁 48 | 23≈17 23≈36 | 16 ¥ 35 | 14 Y 42 14 Y 39 | 22 × 55 | 25 3 17 | 24≈06 24≈24 | 17 ¥ 29 | 15°°40 | 23 × 51 | 26 궁 09 26 궁 31 | 24≈54 25≈12 | 18 ¥ 27 | 16 Y 39 |
| 39S | 22 × 26 | 25중11 | 23≈56 | 16 X 46 | 14Y35 | 23 🗷 23 | 26중02 | 24≈43 | 17 X 39 | 15 Y 34 | 24 × 19 | 26중53 | 25≈31 | 18 X 31 | 16 Y 32 |
| 40S | 22 ∡ 41 | 25중34 | 24≈15 | 16 ¥ 51 | 14Ƴ32 | 23 ∡ 37 | 26중25 | 25≈02 | 17 X 44 | 15Y30 | 24 × 33 | 27중16 | 25≈49 | 18 ¥ 36 | 16Y28 |
| 41S | 22 🗷 56 | 25중58 | 24≈35 | 16 × 57 | 14Y29 | 23 🖈 52 | 26중48 | 25≈22 | 17 × 49 | 15Y26 | 24 🗷 48 | 27중39 | 26≈08 | 18 X 41 | 16Y24 |
| 42S | 23 ≯ 11 | 26중22 | 24≈55 | 17 ∺ 02 | 14Ƴ25 | 24 ∡ 07 | 27중12 | 25≈41 | 17 X 54 | 15 Ƴ 23 | 25 ₮ 03 | 28중03 | 26≈28 | 18 ∺ 46 | 16 Y 20 |
| 43S | 23 🗷 27 | 26847 | 25≈15 25 26 | 17 × 08 | 14Y22 | 24 🗷 24 | 27837 | 26≈01 26 21 | 17 X 59 | 15 Y 19 | 25 🗷 20 | 28327 | 26≈47 | 18 X 51 | 16Υ16 |
| 448 | 23 🗷 44 | 27313 | 25≈36 | 17 X 14 | 14°718 | 24 🗷 40 | 28303 | 26≈21 | 18 X 05 | 15Υ15 | 25 ₹ 36 | 28중53 | 27≈07 | 18 X 56 | 16Υ12 |
| 45S 46S | 24 ₹ 02 24 ₹ 20 | 27중39 28중07 | 25≈57 26≈18 | 17 ¥ 20 17 ¥ 25 | 14 Υ 15 14 Υ 11 | 24 ₹ 58 25 ₹ 16 | 28 궁 29 28 궁 56 | 26≈42 27≈03 | 18 X 10 18 X 16 | 15 ° 11 15 ° 07 | 25 ₹ 54 26 ₹ 12 | 29 궁 18 29 궁 45 | 27≈27 27≈47 | 19 ¥ 01 19 ¥ 06 | 16 Y 08 |
| 40S 47S | 24 x 20 24 x 39 | 28 공 35 | 26≈18 26≈40 | 17 X 23 | 14 Y 11 | 25 x 10 25 x 35 | 29324 | 27≈03 27≈24 | 18 X 21 | 15 Y 07 | 26 x 31 | 0≈13 | 27≈47 28≈08 | 19 X 11 | 15 Y 59 |
| 48S | 24 ₹ 59 | 29궁04 | 27≈02 | 17 ∺ 38 | 14Ƴ03 | 25 ₹ 55 | 29중52 | 27≈46 | 18 ¥ 27 | 14 Y 59 | 26∡51 | 0≈41 | 28≈29 | 19 X 17 | 15 Y 55 |
| 49S | 25 ₹ 20 | 29중34 | 27≈24 | 17 X 44 | 13 ℃ 59 | 26 ₮ 16 | 0≈22 | 28≈08 | 18 ∺ 33 | 14 Υ 54 | 27 ₺ 12 | 1≈10 | 28≈51 | 19 ¥ 22 | 15 Υ 50 |
| 50S | 25 ₹ 42 | 0≈05 | 27≈47 | 17 ∺ 51 | 13 ℃ 55 | 26 ∡ 38 | 0≈52 | 28≈30 | 18 ¥ 39 | 14Y50 | 27 ∡ 34 | 1≈40 | 29≈13 | 19 ¥ 28 | 15Ƴ45 |
| 51S | 26 ₹ 06 | 0≈37 | 28≈11 2825 | 17 X 57 | 13Υ50 | 27 × 02 | 1≈24 | 28≈53 20×16 | 18 X 45 | 14 7 45 | 27 \$ 57 | 2≈11 | 29≈35 | 19 X 34 | 15 Y 40 |
| 52S 53S | 26 ₹31 26 ₹57 | 1≈10 1≈44 | 28≈35 28≈59 | 18 X 04 18 X 11 | 13 Y 46 13 Y 41 | 27 ₹ 26 27 ₹ 53 | 1≈57 2≈31 | 29≈16 29≈40 | 18 X 52 18 X 58 | 14 Y 40 14 Y 35 | 28 ₹ 22 28 ₹ 48 | 2≈44 | 29≈58 0¥21 | 19 X 39 19 X 46 | 15Υ35 15Υ30 |
| 54S | 27 ₹ 25 | 2≈20 | 29≈24 | 18 X 19 | 13 Y 36 | 28 × 21 | 3≈06 | 0 × 05 | 19 × 05 | 14 Y 30 | 29 🗷 16 | 3≈52 | 0 X 45 | 19 X 52 | 15 Y 24 |
| 55S | 27 <i>≯</i> 55 | 2≈57 | 29≈50 | 18 × 26 | 13Ƴ31 | 28 ∡ 51 | 3≈43 | 0 X 30 | 19 X 12 | 14Y25 | 29 ₹ 46 | 4≈28 | 1 X 10 | 19 x 58 | 15 Υ 19 |
| 56S | 28 ₹ 27 | 3≈36 | 0 X 16 | 18 × 34 | 13 Y 26 | 29 ≉ 23 | 4≈21 | 0 X 55 | 19 × 19 | 14Υ19 | 0중18 | 5≈06 | 1 X 35 | 20 × 05 | 15 Y 13 |
| 57S | 29 🗷 02 | 4≈16 | 0 ¥ 43 | 18 X 41 | 13 ℃ 20 | 29 × 57 | 5≈00 | 1 X 22 | 19 ∺ 27 | 14Υ13 | 0중52 | 5≈45 | 2 × 00 | 20 X 12 | 15Υ06 |
| 58S | 29 🗷 40 | 4≈58 5×42 | 1 X 11 | 18 X 50 | 13 Y 15 | 0중35 | 5≈42 | 1 X 49 | 19 ** 34 | 14 9 01 | 1중30 | 6≈25 | 2 X 27 | 20 X 19 | 15Υ00 |
| 598 | 0중21 | 5≈42 | 1 X 39 | 18 X 58 | 13°Y09 | 1중16 | 6≈25 | 2 X 16 | 19 X 42 | 14 7 01 | 2310 | 7≈08 | 2 X 54 | 20 ¥ 26 | 14Υ53 |
| 60S 61S | 1중07 1중57 | 6≈28 7≈16 | 2 ¥ 08 2 ¥ 38 | 19 X 07 19 X 16 | 13 Y 02 12 Y 56 | 2정01 2정51 | 7≈10 7≈57 | 2 X 45 3 X 14 | 19 X 50 19 X 58 | 13 \gamma 54 13 \gamma 48 | 2정55 3정45 | 7≈52 8≈39 | 3 X 22 3 X 50 | 20 \times 33 20 \times 41 | 14°746 14°739 |
| 62S | 2 공 54 | 7≈16 8≈06 | 2 X 38 | 19 X 16 | 12 Y 36 12 Y 49 | 2631 3 중 47 | 8≈47 | 3 X 14 | 19 X 38 20 X 07 | 13 \ \(^48\) | 4중41 | 9≈28 | 4 X 19 | 20 X 41 20 X 49 | 14 \gamma 39 |
| 63S | 3중59 | 8≈59 | 3 X 40 | 19 X 34 | 12Y42 | 4중52 | 9≈39 | 4 × 15 | 20 × 16 | 13Υ33 | 5중44 | 10≈19 | 4 × 50 | 20 X 58 | 14Y23 |
| 64S | 5ਰ15 | 9≈55 | 4 ∺ 13 | 19 X 44 | 12Ƴ35 | 6중07 | 10≈34 | 4 X 47 | 20 ₩ 25 | 13℃25 | 6궁58 | 11≈13 | 5 ∺ 21 | 21 ₩ 06 | 14Υ15 |
| 65S | 6 궁 48 | 10≈54 | 4 ¥ 47 | 19 X 55 | 12Ƴ27 | 7중37 | 11≈31 | 5 ∺ 20 | 20 ¥ 35 | 13 Y 16 | 8중27 | 12≈09 | 5 ¥ 53 | 21 X 15 | 14Ƴ06 |
| 66S | 8348 | 11≈55 | 5 ¥ 22 | 20 × 06 | 12Y18 | 9중34 | 12≈32 | 5 X 54 | 20 × 45 | 13 7 07 | 10궁20 | 13≈09 | 6¥26 | 21 ¥ 25 | 13 Y 56 |
| pc | 10る19 | 12≈32 | 5 X 42 | 20 X 12 | 12 ℃ 13 | 11궁00 | 13≈08 | 6 ¥ 13 | 20 X 51 | 13 Y 02 | 11342 | 13≈43 | 6 X 45 | 21 X 30 | 13 Y 51 |

| | Sid.Tin MC: | | 12m A .26'23 | RMC: 2 | 28°00' | Sid.Tir MC: | | 16m A 25'33 | RMC: 2 | 229°00' | Sid.Tir MC: | ne: 15h2 22m | 20m A ,24'32 | RMC: 2 | 230°00' |
|--------------|----------------------------------|----------------------------------|---|--|---|----------------------------------|----------------------------------|---|--|--|----------------------------------|----------------------------------|---|--|-------------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 18∡57 | 16중35 | 15≈32 | 16 X 57 | 19Ƴ30 | 19∡53 | 17ਰ31 | 16≈32 | 18 ∺ 02 | 20 Y 34 | 20 ∡ 48 | 18중27 | 17≈33 | 19 x 07 | 21 Y 38 |
| 1S | 19∡05 | 16중51 | 15≈49 | 17 X 01 | 19Ƴ27 | 20 ₮ 01 | 17ਰ47 | 16≈49 | 18 ∺ 05 | 20 Y 31 | 20 ∡ 56 | 18중43 | 17≈50 | 19 X 10 | 21 Y 35 |
| 2S | 19 🗷 13 | 17중06 | 16≈06 | 17 × 05 | 19 7 24 | 20 🗷 09 | 18중02 | 17≈06 | 18 × 09 | 20Υ28 | 21 🗷 04 | 18중58 | 18≈06 | 19 X 13 | 21 γ 32 |
| 3S 4S | 19 ₹ 21 19 ₹ 29 | 17る21 17る37 | 16≈24 16≈40 | 17 ¥ 08 17 ¥ 12 | 19 Y 21 19 Y 18 | 20 ₹ 16 20 ₹ 24 | 18 궁 17 18 궁 32 | 17≈23 17≈40 | 18 X 12 18 X 16 | 20 Y 25 20 Y 22 | 21 × 12 21 × 20 | 19 궁 13 19 궁 28 | 18≈23 18≈39 | 19 X 16 19 X 20 | 21 Y 28 21 Y 25 |
| 5S | 19 ~ 37 | 17 공 52 | 16≈57 | 17 X 16 | 19Y15 | 20 🗷 32 | 18348 | 17≈56 | 18 ¥ 19 | 20Υ19 | 21 🖈 28 | 19843 | 18≈55 | 19 X 23 | 21 Y 22 |
| 6S | 19×137 | 17632 18 중 07 | 10≈37 | 17 X 10 | 19 Y 13 | 20 x 32 20 x 40 | 19중03 | 17≈36 | 18 X 23 | 20Υ19 20Υ16 | 21 x 26 | 19843 | 19≈11 | 19 X 25 | 21 Y 22 21 Y 19 |
| 7S | 19 ₹ 53 | 18중23 | 17≈31 | 17 × 23 | 19Υ10 | 20 ₹ 48 | 19궁18 | 18≈29 | 18 × 26 | 20Υ13 | 21 🗷 44 | 20중14 | 19≈27 | 19 × 29 | 21Υ16 |
| 8S | 20 ₮ 01 | 18중38 | 17≈47 | 17 | 19Ƴ07 | 20 ₹ 56 | 19중33 | 18≈45 | 18 ∺ 30 | 20Y10 | 21 ₹ 52 | 20중29 | 19≈43 | 19 ∺ 32 | 21 Y 13 |
| 9S | 20 ₮ 09 | 18중53 | 18≈03 | 17 X 31 | 19Ƴ04 | 21 ₮ 04 | 19궁49 | 19≈01 | 18 ∺ 33 | 20℃07 | 22 ₮ 00 | 20중44 | 19≈59 | 19 ¥ 35 | 21 Y 10 |
| 10S | 20 ₮ 17 | 19궁09 | 18≈20 | 17 ¥ 34 | 19Ƴ01 | 21 ∡ 13 | 20중04 | 19≈17 | 18 ∺ 36 | 20℃04 | 22 ∡ 08 | 20궁59 | 20≈15 | 19 ∺ 38 | 21 ℃ 07 |
| 118 | 20 🗷 25 | 19중24 | 18≈36 | 17 × 38 | 18Υ58 | 21 7 21 | 20중19 | 19≈33 | 18 X 40 | 20Υ01 | 22 🗷 16 | 21314 | 20≈30 | 19 X 41 | 21 γ 03 |
| 12S 13S | 20 ₹ 33 20 ₹ 42 | 19 궁 40 19 궁 55 | 18≈52 19≈08 | 17 X 42 17 X 45 | 18 Υ 56 18 Υ 53 | 21 ∡ 29 21 ∡ 37 | 20중35 20중50 | 19≈49 20≈05 | 18 X 43 | 19 Y 58 | 22 x 25 22 x 33 | 21중30 21중45 | 20≈46 21≈01 | 19 X 44 19 X 47 | 21 \(\cdot 00 \) 20 \(\cdot 57 \) |
| 14S | 20 x 42 20 x 50 | 20중11 | 19≈24 | 17 X 4 9 | 18 Y 50 | 21 🗷 46 | 21중06 | 20≈03 20≈20 | 18 X 50 | 19Υ52 | 22 × 41 | 22300 | 21≈01 21≈17 | 19 X 50 | 20°54 |
| 15S | 20×159 | 20중27 | 19≈40 | 17 X 53 | 18 Ƴ 47 | 21 ₹ 54 | 21중21 | 20≈36 | 18 ¥ 53 | 19 ° 49 | 22 ₹ 50 | 22중16 | 21≈32 | 19 X 53 | 20°51 |
| 16S | 21 🗷 07 | 20 3 27 | 19≈56 | 17 X 56 | 18 Υ 44 | 22 🗷 03 | 21337 | 20≈50 20≈52 | 18 X 56 | 19 7 46 | 22 × 58 | 22332 | 21≈32 21≈48 | 19 X 56 | 20 Y 48 |
| 17S | 21 ∡ 16 | 20궁58 | 20≈12 | 18 ∺ 00 | 18Ƴ41 | 22 ∡ 12 | 21궁53 | 21≈08 | 19 ∺ 00 | 19Ƴ43 | 23 द 07 | 22중47 | 22≈03 | 19 X 59 | 20Ƴ45 |
| 188 | 21 7 25 | 21중14 | 20≈28 | 18 × 03 | 18 Y 38 | 22 🗷 20 | 22중09 | 21≈23 | 19 × 03 | 19Υ40 | 23 🗷 16 | 23중03 | 22≈18 | 20 × 02 | 20°41 |
| 19S | 21 🗷 34 | 21중31 | 20≈44 | 18 X 07 | 18 ℃ 35 | 22 🗷 29 | 22중25 | 21≈39 | 19¥06 | 19 ℃ 37 | 23 🗷 25 | 23중19 | 22≈34 | 20 🗙 05 | 20 ℃ 38 |
| 20S 21S | 21 🗷 43 21 🗷 52 | 21중47 22중03 | 21≈00 21≈16 | 18 X 11 | 18 Ƴ 33 18 Ƴ 30 | 22 ₹ 38 22 ₹ 48 | 22 궁 41 22 궁 58 | 21≈55 22≈10 | 19 X 10 | 19 \gamma 34 | 23 × 34 23 × 43 | 23중35 23중52 | 22≈49 23≈04 | 20 × 08 | 20 Y 35 20 Y 32 |
| 21S 22S | 21 × 32 22 × 01 | 22 ち 03 22 ち 20 | 21≈16 21≈32 | 18 X 14 18 X 18 | 18 Y 30 | 22 × 48 22 × 57 | 22 5 38 23 중 14 | 22≈10 | 19 X 13 | 19\frac{19\frac{1}{31}}{19\frac{1}{27}} | 23 × 43 | 23·532 24·중08 | 23≈04 23≈20 | 20 ¥ 12 20 ¥ 15 | 20%32 20%28 |
| 23S | 22 🗷 11 | 22 궁 37 | 21≈48 | 18 X 22 | 18 Y 24 | 23 × 07 | 23중31 | 22≈42 | 19 × 20 | 19Y24 | 24 🗷 02 | 24325 | 23≈35 | 20 × 18 | 20Y25 |
| 24S | 22 ∡ 20 | 22중54 | 22≈04 | 18 ∺ 25 | 18Ƴ21 | 23 ∡ 16 | 23중48 | 22≈57 | 19 ∺ 23 | 19 Y 21 | 24 ₮ 12 | 24중41 | 23≈51 | 20 ¥ 21 | 20℃22 |
| 25S | 22 ₹ 30 | 23중11 | 22≈20 | 18 ∺ 29 | 18Ƴ17 | 23 ₹ 26 | 24궁05 | 23≈13 | 19 X 26 | 19 Y 18 | 24 ₹ 22 | 24궁58 | 24≈06 | 20 X 24 | 20Υ18 |
| 26S | 22 ∡ 40 | 23중29 | 22≈37 | 18 | 18Ƴ14 | 23 ∡ 36 | 24궁22 | 23≈29 | 19 ∺ 30 | 19 Y 15 | 24 ₮ 32 | 25중16 | 24≈22 | 20 X 27 | 20Y15 |
| 27S | 22 🗷 50 | 23중47 | 22≈53 | 18 X 36 | 18 Y 11 | 23 🗷 46 | 24궁40 | 23≈45 | 19 ** 33 | 19Υ11 | 24 🗷 42 | 25중33 | 24≈37 | 20 ¥ 30 | 20Υ11 |
| 28S 29S | 23 ∡ 01 23 ∡ 12 | 24중04 24중23 | 23≈09 23≈26 | 18 ¥ 40 18 ¥ 44 | 18 ⋎ 08 18 ⋎ 05 | 23 ₹ 57 24 ₹ 07 | 24궁58 25궁16 | 24≈01 24≈17 | 19 X 37 19 X 40 | 19 Y 08 19 Y 05 | 24 × 52 25 × 03 | 25 궁 51 26 궁 09 | 24≈53 25≈09 | 20 ¥ 33 20 ¥ 36 | 20 Y 08 20 Y 04 |
| | | | | | | 24 🗷 18 | | | | | | | | 20 X 40 | 20Υ01 |
| 30S 31S | 23 ₹ 22 23 ₹ 34 | 24궁41 25궁00 | 23≈43 23≈59 | 18 ¥ 48 18 ¥ 52 | 18 ⋎ 01 17 ⋎ 58 | 24 × 18 | 25 궁 34 25 궁 53 | 24≈34 24≈50 | 19 X 44 19 X 47 | 19\cdot 01 | 25 ₹ 14 25 ₹ 25 | 26 궁 27 26 궁 45 | 25≈25 25≈41 | 20 X 40 20 X 43 | 19Y57 |
| 32S | 23 × 45 | 25 궁 19 | 24≈16 | 18 X 56 | 17Y55 | 24 🗷 41 | 26중12 | 25≈06 | 19 X 51 | 18 Y 54 | 25 × 36 | 27중04 | 25≈57 | 20 × 46 | 19Y53 |
| 33S | 23 ∡ 57 | 25중39 | 24≈33 | 19 ∺ 00 | 17Ƴ51 | 24 ₹ 52 | 26중31 | 25≈23 | 19 X 54 | 18 Y 50 | 25 ₹ 48 | 27중23 | 26≈13 | 20 X 49 | 19Ƴ49 |
| 34S | 24 ₹ 09 | 25궁59 | 24≈50 | 19 X 04 | 17Ƴ48 | 25 ₹ 04 | 26중51 | 25≈40 | 19 ¥ 58 | 18Ƴ47 | 26 ₹ 00 | 27중43 | 26≈29 | 20 X 53 | 19Ƴ46 |
| 35S | 24 ₹21 | 26중19 | 25≈07 | 19 ¥ 08 | 17Ƴ44 | 25 ₹ 17 | 27중11 | 25≈57 | 20 ¥ 02 | 18 Y 43 | 26 ₹ 12 | 28중03 | 26≈46 | 20 X 56 | 19Ƴ42 |
| 36S 37S | 24 ∡ 34 24 ∡ 47 | 26 궁 39 27 궁 00 | 25≈25 25≈43 | 19 X 12 19 X 16 | 17 Y 41 17 Y 37 | 25 ₹ 29 25 ₹ 43 | 27중31 27중52 | 26≈14 26≈31 | 20 \times 06 20 \times 09 | 18 \(\cdot 39 \) | 26 x 25 26 x 38 | 28 중 23 28 중 43 | 27≈03 27≈20 | 20 X 59 | 19Υ38 19Υ34 |
| | | | 25≈45 26≈00 | | | 25 x 45 25 x 56 | | | | | 26 × 52 | I | 27≈20 27≈37 | 21 ¥ 03 | |
| 39S | 25 x 00 25 x 14 | 27중44 | 26≈18 | 19 X 24 | 17 Y 29 | 26 ₹ 10 | 28중35 | 27≈06 | 20 × 17 | 18 ° 27 | 27 ₹ 06 | 29중26 | 27≈54 | 21 X 10 | 19Y25 |
| 40S | 25 ₹ 29 | 28중06 | 26≈37 | 19 X 29 | 17Ƴ26 | 26 ₹ 24 | 28중57 | 27≈24 | 20 X 21 | 18Y23 | 27 ₹ 20 | 29중48 | 28≈11 | 21 X 14 | 19 Y 21 |
| 41S | 25 ₹ 44 | 28중30 | 26≈55 | 19 X 33 | 17℃22 | 26 ₹ 39 | 29중20 | 27≈42 | 20 X 25 | 18Υ19 | 27 ₹ 35 | 0≈11 | 28≈29 | 21 X 17 | 19 Y 16 |
| 42S | 25 ₹ 59 | 28중53 | 27≈14 | 19 ¥ 37 | 17Υ17 | 26 ₹ 55 | 29궁43 | 28≈01 | 20 ¥ 29 | 18 Υ 15 | 27 ₹ 50 | 0≈34 | 28≈47 | 21 X 21 | 19Υ12 |
| 43S 44S | 26 ₹ 15 26 ₹ 32 | 29중17 29중42 | 27≈33 27≈52 | 19 X 42 19 X 47 | 17 Y 13 17 Y 09 | 27 ∡ 11 27 ∡ 28 | 0≈07 0≈32 | 28≈19 28≈38 | 20 ± 33 20 ± 38 | 18 Y 10 18 Y 06 | 28 ₹ 06 28 ₹ 23 | 0≈57 1≈22 | 29≈05 29≈24 | 21 ¥ 25 21 ¥ 29 | 19Υ07 19Υ02 |
| | | | 27≈52 | | | | 0≈32 | | | | | 1 ≈22 | 29≈24 20 42 | | |
| 45S 46S | 26 ₹ 49 27 ₹ 08 | 0≈08 0≈34 | 28≈12 28≈32 | 19 ¥ 51 19 ¥ 56 | 17 ⋎ 05 17 ⋎ 00 | 27 ₹ 45 28 ₹ 03 | 0≈57 1≈23 | 28≈57 29≈17 | 20 \times 42 20 \times 46 | 18 Y 01 17 Y 56 | 28 ₹ 40 28 ₹ 58 | 1 ≈ 47 2 ≈ 12 | 29≈42 0¥01 | 21 ¥ 32 21 ¥ 36 | 18 Y 58 |
| 47S | 27 ₹ 27 | 1≈01 | 28≈52 28≈52 | 20 × 01 | 16°755 | 28 × 22 | 1≈50 | 29≈37 | 20 X 51 | 17 Y 50 | 29 × 17 | 2≈39 | 0 X 21 | 21 X 41 | 18 Y 47 |
| 48S | 27 ₹ 47 | 1≈29 | 29≈13 | 20 ¥ 06 | 16Ƴ51 | 28 🗷 42 | 2≈18 | 29≈57 | 20 X 55 | 17 Y 46 | 29 ₹ 37 | 3≈06 | 0 ¥ 40 | 21 X 45 | 18 Ƴ 42 |
| 49S | 28 🗷 07 | 1≈58 | 29≈34 | 20 X 11 | 16Ƴ46 | 29 ₮ 03 | 2≈46 | 0 X 17 | 21 X 00 | 17 Ƴ 41 | 29 ₹ 58 | 3≈34 | 1 X 01 | 21 X 49 | 18Ƴ37 |
| 50S | 28 ∡ 30 | 2≈28 | 29≈56 | 20 ¥ 16 | 16Ƴ41 | 29 ₹ 25 | 3≈16 | 0 ∺ 38 | 21 X 05 | 17 Y 36 | 0중20 | 4≈03 | 1 ¥ 21 | 21 X 53 | 18 Y 31 |
| 51S | 28 🗷 53 | 2≈59 | 0 X 17 | 20 X 22 | 16Y35 | 29 🗷 48 | 3≈46 | 1 X 00 | 21 × 10 | 17Υ30 | 0중43 | 4≈33 | 1 X 42 | 21 X 58 | 18Y25 |
| 52S 53S | 29 ∡ 17 29 ∡ 43 | 3≈31 4≈04 | 0 X 40 1 X 03 | 20 \times 27 20 \times 33 | 16 Y 30 16 Y 24 | 0중12 0중38 | 4≈17 4≈50 | 1 X 21 1 X 44 | 21 X 15 21 X 20 | 17\dagger25 | 1중07 1중33 | 5≈04 5≈36 | 2 ¥ 03 2 ¥ 25 | 22 ¥ 02 22 ¥ 07 | 18Υ19 18Υ13 |
| 54S | 0중11 | 4≈38 | 1 X 26 | 20 X 38 | 16 Y 18 | 1중06 | 5≈24 | 2 × 06 | 21 X 25 | 17 Y 19 | 2정01 | 5≈30 6≈10 | 2 X 23 | 22 X 07 | 18Y06 |
| 55S | 0중41 | 5≈13 | 1 X 50 | 20 X 44 | 16 Y 12 | 1중36 | 5≈59 | 2 X 30 | 21 X 31 | 17 Y 06 | 2중30 | 6≈44 | 3 X 10 | 22 X 17 | 18Y00 |
| 56S | 1중13 | 5≈50 | 2 X 14 | 20 × 51 | 16Y06 | 2중07 | 6≈35 | 2 X 54 | 21 X 36 | 16Y59 | 3중02 | 7≈20 | 3 X 33 | 22 X 22 | 17Y53 |
| 57S | 1중47 | 6≈29 | 2 X 39 | 20 X 57 | 16℃00 | 2341 | 7≈13 | 3 X 18 | 21 X 42 | 16 Y 53 | 3중35 | 7≈57 | 3 X 57 | 22 X 27 | 17Ƴ45 |
| 58S | 2324 | 7≈09 | 3 × 05 | 21 × 03 | 15Υ53 | 3중18 | 7≈53 | 3 X 43 | 21 X 48 | 16 745 | 4중12 | 8 ≈ 36 | 4¥21 | 22 X 33 | 17Y38 |
| 59S | 3중05 | 7≈51 | 3 X 31 | 21 X 10 | 15 Υ 46 | 3중58 | 8≈34 | 4 X 09 | 21 ¥ 54 | 16 Y 38 | 4352 | 9≈17 | 4 X 46 | 22 ¥ 38 | 17Y30 |
| 60S | 3 공 49 | 8≈35 020 | 3 X 58 | 21 X 17 | 15Υ38 | 4 경 42 | 9≈17 | 4 X 35 | 22 ¥ 00 | 16 Y 30 | 5중36 | 9≈59 10 - 12 | 5 × 12 | 22 X 44 | 17Y22 |
| 61S 62S | 4중38 5중33 | 9≈20 10≈08 | 4 X 26 4 X 55 | 21 ¥ 24 21 ¥ 32 | 15 Y 30 15 Y 22 | 5 궁 31 6 궁 26 | 10≈02 10≈49 | 5 ¥ 02 5 ¥ 30 | 22 ¥ 07 22 ¥ 14 | 16 Y 22 16 Y 13 | 6 324 7 3 18 | 10≈43 11≈30 | 5 X 39 6 X 06 | 22 ¥ 50 22 ¥ 56 | 17 Y 13 |
| 63S | 6중36 | 10≈59 | 5 + 24 | 21 X 32 | 15 γ 22 15 γ 14 | 7 3 28 | 11≈38 | 5 X 59 | 22 X 21 | 16 Y 04 | 8중19 | 12≈18 | 6 X 34 | 23 × 02 | 16°755 |
| 64S | | 11≈51 | 5 X 55 | 21 X 47 | 15℃05 | 8중39 | 12≈30 | 6 ¥ 29 | 22 X 28 | 15°755 | 9중29 | 13≈09 | 7 × 03 | 23 X 09 | 16℃45 |
| (50 | 7 云 49 | | | | | | | l | | I | 1 | I | I | | I |
| 65S | 9 日 16 | 12≈47 | 6¥26 | 21 X 55 | 14Ƴ55 | 10중04 | 13≈25 | 6 X 59 | 22 X 36 | 15 Υ 45 | 10궁52 | 14≈03 | 7 X 33 | 23 ¥ 16 | 16 Ƴ 34 |
| 65S 66S | | | 6 X 26 6 X 59 7 X 17 | 21 \times 55 22 \times 04 22 \times 09 | 14 \(\cdot 55 \) 14 \(\cdot 45 \) 14 \(\cdot 39 \) | 10중04 11중51 13중05 | 13≈25 14≈22 14≈56 | 6 X 59 7 X 31 7 X 49 | 22 \times 36 22 \times 44 22 \times 48 | 15 \(\psi 45 \) 15 \(\psi 34 \) 15 \(\psi 28 \) | 10중52 12중36 13중47 | 14≈03 14≈59 15≈32 | 7 X 33 8 X 03 8 X 21 | 23 \times 16 23 \times 23 23 \times 27 | 16Υ34 16Υ23 16Υ16 |

| | Sid.Tir MC: | | 24m A .23'21 | RMC: 2 | 31°00' | Sid.Tir MC: | | 28m A 21'59 | RMC: 2 | 232°00' | Sid.Tir MC: | ne: 15h: 25m | 32m A ,20'28 | RMC: 2 | 233°00' |
|------------|---|----------------------------------|--|--|-------------------------------------|----------------------------------|----------------|--|--|------------------------------|--------------------------------|----------------------------------|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 21 ∡ 43 | 19중24 | 18≈34 | 20 X 12 | 22Ƴ42 | 22 ₹ 39 | 20중20 | 19≈35 | 21 X 17 | 23 ℃ 46 | 23 ∡ 34 | 21316 | 20≈36 | 22 X 22 | 24Ƴ49 |
| 1S | 21 ∡ 51 | 19중39 | 18≈50 | 20 X 15 | 22 Ƴ 38 | 22 ∡ 47 | 20중35 | 19≈51 | 21 X 20 | 23 ℃ 42 | 23 ₹ 42 | 21중31 | 20≈52 | 22 X 24 | 24Ƴ46 |
| 2S | 21 ₹ 59 | 19궁54 | 19≈06 | 20 X 18 | 22 Ƴ 35 | 22 ₹ 54 | 20궁50 | 20≈07 | 21 X 22 | 23Υ39 | 23 ₹ 50 | 21346 | 21≈07 | 22 X 27 | 24 Y 42 |
| 3S | 22 🗷 07 | 20중09 | 19≈23 | 20 X 21 | 22Y32 | 23 🗷 02 | 21305 | 20≈23 | 21 X 25 | 23 Υ 35 | 23 🗷 58 | 22301 | 21≈23 | 22 X 29 | 24Y38 |
| 4S | 22 ₹ 15 | 20중24 | 19≈39 | 20 X 23 | 22Ƴ29 | 23 ₮ 10 | 21중20 | 20≈38 | 21 X 27 | 23 ℃ 32 | 24 ₹ 06 | 22316 | 21≈38 | 22 X 31 | 24Ƴ35 |
| 5S | 22 ₹ 23 | 20중39 | 19≈55 | 20 X 26 | 22 Y 25 | 23 ₹ 18 | 21중35 | 20≈54 | 21 ¥ 30 | 23Υ28 | 24 ₹ 14 | 22중31 | 21≈54 | 22 X 33 | 24 Y 31 |
| 6S | 22 🗷 31 | 20중54 | 20≈10 | 20 X 29 | 22Υ22 22Ω10 | 23 🗷 26 | 21350 | 21≈09 | 21 X 32 | 23 Υ 25 | 24 🗷 22 | 22346 | 22≈09 | 22 ¥ 36 | 24 Y 28 24 Y 24 |
| 7S 8S | 22 ∡ 39 22 ∡ 47 | 21중09 21중24 | 20≈26 20≈42 | 20 \times 32 20 \times 35 | 22 Y 19 22 Y 16 | 23 ₹ 34 23 ₹ 42 | 22중05 22중20 | 21≈25 21≈40 | 21 ¥ 35 21 ¥ 37 | 23 Y 22 23 Y 18 | 24 x 30 24 x 38 | 23 중 01 23 중 15 | 22≈24 22≈39 | 22 ¥ 38 22 ¥ 40 | 24\gamma^24 24\gamma^21 |
| 9S | 22 × 55 | 21 중39 | 20≈42 20≈57 | 20 X 37 | 22 Y 10 | 23 🛪 51 | 22335 | 21≈55 21≈55 | 21 X 37 | 23 Y 15 | 24 × 46 | 23 중 30 | 22≈53 | 22 X 42 | 24 Y 17 |
| 108 | 23 🗷 03 | 21중54 | 21≈12 | 20 X 40 | 22 7 09 | 23 🗷 59 | 22중50 | 22≈10 | 21 X 42 | 23Υ11 | 24 × 54 | 23~345 | 23≈08 | 22 X 44 | 24Υ14 |
| 11S | 23 × 03 | 22중10 | 21≈12 21≈28 | 20 X 43 | 22 Y 06 | 24×107 | 23중05 | 22≈25 | 21 X 45 | 23 γ 08 | 25 🗷 02 | 24300 | 23≈23 | 22 X 46 | 24Y10 |
| 12S | 23 ₹ 20 | 22825 | 21≈43 | 20 X 46 | 22Υ03 | 24 ₹ 15 | 23중20 | 22≈40 | 21 X 47 | 23 Y 05 | 25 ₹ 11 | 24중15 | 23≈38 | 22 X 49 | 24℃07 |
| 13S | 23 ₹ 28 | 22る40 | 21≈58 | 20 X 48 | 21 Y 59 | 24 ₹ 24 | 23중35 | 22≈55 | 21 X 50 | 23 Y 01 | 25 ₹ 19 | 24중30 | 23≈52 | 22 X 51 | 24℃03 |
| 14S | 23 ∡ 37 | 22중55 | 22≈13 | 20 X 51 | 21 Y 56 | 24 ≉ 32 | 23중50 | 23≈10 | 21 X 52 | 22 Y 58 | 25 ₹ 28 | 24중45 | 24≈07 | 22 X 53 | 23 ℃ 59 |
| 15S | 23 ҂ 45 | 23중11 | 22≈28 | 20 ¥ 54 | 21 ℃ 53 | 24 ₹ 41 | 24중06 | 23≈25 | 21 X 54 | 22 Y 54 | 25 ₹ 36 | 25중01 | 24≈21 | 22 X 55 | 23 Y 56 |
| 16S | 23 ₹ 54 | 23326 | 22≈43 | 20 X 57 | 21 ℃ 49 | 24 ~ 49 | 24중21 | 23≈39 | 21 X 57 | 22 Y 51 | 25 ₹ 45 | 25궁16 | 24≈35 | 22 X 57 | 23 Y 52 |
| 17S | 24 🗷 03 | 23342 | 22≈59 | 20 X 59 | 21 Y 46 | 24 🗷 58 | 24337 | 23≈54 | 21 X 59 | 22 \(\chi 47 | 25 🗷 53 | 25331 | 24≈50 25 04 | 22 X 59 | 23 Y 49 |
| 18S 19S | 24 ∡ 12 24 ∡ 20 | 23 궁 58 24 궁 14 | 23≈14 23≈29 | 21 ¥ 02 21 ¥ 05 | 21 \gamma 43 21 \gamma 39 | 25 ∡ 07 25 ∡ 16 | 24궁52 25궁08 | 24≈09 24≈24 | 22 ¥ 02 22 ¥ 04 | 22 \gamma 44 22 \gamma 40 | 26 × 02 26 × 11 | 25 궁 47 26 궁 02 | 25≈04 25≈19 | 23 ¥ 01 23 ¥ 03 | 23 \gamma 45 23 \gamma 41 |
| | | | | | | | | | | | | | | | |
| 20S 21S | 24 ₹ 30 24 ₹ 39 | 24중30 24중46 | 23≈44 23≈59 | 21 X 07 21 X 10 | 21 \gamma 36 21 \gamma 32 | 25 ₹ 25 25 ₹ 34 | 25중24 25중40 | 24≈38 24≈53 | 22 ¥ 06 22 ¥ 09 | 22 \gamma 37 22 \gamma 33 | 26 × 20 26 × 30 | 26 궁 18 26 궁 34 | 25≈33 25≈47 | 23 \times 06 23 \times 08 | 23 Y 38 23 Y 34 |
| 22S | 24 x 48 | 25 중 02 | 23≈39 24≈14 | 21 X 13 | 21 γ 32 21 γ 29 | 25 × 44 | 25 공 56 | 25≈08 | 22 X 11 | 22 Υ 30 22 Υ 30 | 26 × 39 | 26중50 | 25≈47 26≈02 | 23 X 10 | 23 Y 34 |
| 23S | 24×158 | 25중19 | 24≈29 | 21 X 16 | 21Υ26 | 25 ₹ 53 | 26중12 | 25≈22 | 22 X 14 | 22Y26 | 26×48 | 27중06 | 26≈16 | 23 × 12 | 23 Y 26 |
| 24S | 25 ∡ 07 | 25중35 | 24≈44 | 21 X 18 | 21 ℃22 | 26 ₮ 03 | 26궁29 | 25≈37 | 22 ¥ 16 | 22 Y 22 | 26 ₹ 58 | 27중23 | 26≈31 | 23 X 14 | 23 ℃ 23 |
| 25S | 25 ∡ 17 | 25중52 | 24≈59 | 21 X 21 | 21 Y 18 | 26 ∡ 13 | 26중46 | 25≈52 | 22 X 19 | 22 Y 19 | 27 ₹ 08 | 27중39 | 26≈45 | 23 X 16 | 23 ℃ 19 |
| 26S | 25 ₹ 27 | 26중09 | 25≈14 | 21 X 24 | 21 Y 15 | 26 ₹ 23 | 27중03 | 26≈07 | 22 ¥ 21 | 22 Y 15 | 27 ₹ 18 | 27궁56 | 27≈00 | 23 ¥ 18 | 23 Y 15 |
| 27S | 25 ₹ 37 | 26중26 | 25≈30 | 21 X 27 | 21Υ11 | 26 × 33 | 27중20 | 26≈22 | 22 ¥ 24 | 22Υ11 | 27 ₹ 28 | 28중13 | 27≈14 | 23 ¥ 21 | 23 Y 11 |
| 28S 29S | 25 ₹ 48 25 ₹ 58 | 26중44 27중02 | 25≈45 26≈00 | 21 ¥ 30 21 ¥ 33 | 21 \(\cdot 08 \) 21 \(\cdot 04 \) | 26 ₹ 43 26 ₹ 54 | 27중37 27중55 | 26≈37 26≈52 | 22 ¥ 26 22 ¥ 29 | 22 \cdot 07 \\ 22 \cdot 03 | 27 ₹ 38 27 ₹ 49 | 28중30 28중48 | 27≈29 27≈44 | 23 ¥ 23 23 ¥ 25 | 23 Y 07 23 Y 03 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 26 ₹ 09 26 ₹ 20 | 27중20 27중38 | 26≈16 26≈32 | 21 ¥ 35 21 ¥ 38 | 21 \(\psi 00 \) 20 \(\psi 56 \) | 27 ₹ 05 27 ₹ 16 | 28중12 28중31 | 27≈07 27≈22 | 22 ¥ 31 22 ¥ 34 | 21 Y 59 21 Y 55 | 28 × 00 28 × 11 | 29 궁 05 29 궁 23 | 27≈58 28≈13 | 23 \times 27 23 \times 30 | 22 Y 59 22 Y 54 |
| 32S | 26 × 32 | 27 당 57 | 26≈47 | 21 X 41 | 20 Y 52 | 27 × 10 | 28 공 49 | 27≈22 27≈38 | 22 X 37 | 21 γ 51 | 28 × 22 | 29841 | 28≈28 | 23 X 32 | 22 Y 50 |
| 33S | 26 х 44 | 28중15 | 27≈03 | 21 X 44 | 20Ƴ48 | 27 द 39 | 29중08 | 27≈53 | 22 X 39 | 21 Y 47 | 28 ₹ 34 | 0∞00 | 28≈43 | 23 X 34 | 22 Y 46 |
| 34S | 26 ₹ 56 | 28중35 | 27≈19 | 21 X 47 | 20Ƴ44 | 27 ₹ 51 | 29중27 | 28≈09 | 22 X 42 | 21 Y 43 | 28 ∡ 46 | 0≈19 | 28≈59 | 23 ¥ 37 | 22 Ƴ 41 |
| 35S | 27 ҂ 08 | 28중54 | 27≈35 | 21 X 50 | 20Ƴ40 | 28 🗷 03 | 29중46 | 28≈25 | 22 X 45 | 21 Y 39 | 28 ₹ 58 | 0≈38 | 29≈14 | 23 X 39 | 22Ƴ37 |
| 36S | 27 ₹ 21 | 29중14 | 27≈52 | 21 X 53 | 20 ℃ 36 | 28 ∡ 16 | 0≈06 | 28≈41 | 22 X 47 | 21Υ34 | 29 🗷 11 | 0≈58 | 29≈30 | 23 X 41 | 22 Y 32 |
| 37S | 27 🗷 34 | 29중35 | 28≈08 28 25 | 21 ¥ 56 22 ¥ 00 | 20Y32 | 28 🗷 29 | 0≈26 | 28≈57 | 22 X 50 | 21 γ 30 | 29 🗷 24 | 1≈18 | 29≈45 | 23 X 44 | 22Y28 |
| 38S 39S | 27 ₹ 47 28 ₹ 01 | 29€36 0≈17 | 28≈25 28≈42 | 22 X 00 22 X 03 | 20°727 20°723 | 28 ₹ 42 28 ₹ 56 | 1≈08 | 29≈13 29≈29 | 22 H 55 | 21 Y 23 21 Y 21 | 29 ₹37 29 ₹51 | 1≈38 | 0 X 01 | 23 \times 46 23 \times 49 | 22 Y 23 22 Y 18 |
| 40S | 28 🗷 15 | 0≈39 | 28≈59 | | 20 Y 18 | 29 ₹ 11 | | 29≈46 | 22 X 59 | | | | | | 22 Y 13 |
| 40S 41S | 28 × 13 | 1≈01 | 20≈39 29≈16 | 22 ¥ 06 22 ¥ 09 | 20 Y 18 | 29 x 11 29 x 25 | 1≈29 1≈52 | 0 ¥ 03 | 22 X 39 23 X 02 | 21 Y 16 | 0중06 0중20 | 2≈20 2≈42 | 0 ¥ 33 0 ¥ 50 | 23 ¥ 51 23 ¥ 54 | 22 Υ 13 22 Υ 08 |
| 42S | 28 × 46 | 1≈24 | 29≈33 | 22 X 13 | 20Υ09 | 29 × 41 | 2≈14 | 0 × 20 | 23 × 05 | 21Υ06 | 0중36 | 3≈04 | 1 X 06 | 23 × 56 | 22Υ03 |
| 43S | 29 ₮ 02 | 1≈47 | 29≈51 | 22 X 16 | 20 ℃ 04 | 29 ∡ 57 | 2≈37 | 0 X 37 | 23 ¥ 08 | 21Y01 | 0중52 | 3≈27 | 1 X 23 | 23 X 59 | 21 Y 58 |
| 44S | 29 ∡ 18 | 2≈11 | 0 ₩ 09 | 22 X 20 | 19Ƴ59 | 0중13 | 3≈01 | 0 X 55 | 23 ¥ 11 | 20Y56 | 1중08 | 3≈51 | 1 X 40 | 24 X 02 | 21 Υ 52 |
| 45S | 29 ≉ 36 | 2≈36 | 0 ₩ 27 | 22 X 23 | 19Ƴ54 | 0중31 | 3≈25 | 1 X 13 | 23 ¥ 14 | 20°750 | 1중25 | 4≈15 | 1 X 58 | 24 ₩ 04 | 21 ℃ 47 |
| 46S | 29 🗷 54 | 3≈01 | 0 X 46 | 22 X 27 | 19 749 | 0중49 | 3≈50 | 1 X 31 | 23 ¥ 17 | 20°Y45 | 1843 | 4≈39 | 2 × 15 | 24 × 07 | 21 741 |
| 47S | 0 궁 12 | 3≈28 | 1 X 05 | 22 ¥ 30 | 19Y43 | 1 3 07 | 4≈16 4≈13 | 1 X 49 | 23 \(\pm\) 20 23 \(\pm\) 24 | 20 Y 39 | 2302 | 5≈05 5≈31 | 2 X 33 | 24 X 10 | 21 Y 35 |
| 48S 49S | 0중32 0중53 | 3≈54 4≈22 | 1 X 24 1 X 44 | 22 ¥ 34 22 ¥ 38 | 19 Ƴ 38 19 Ƴ 32 | 1중27 1중48 | 4≈43 5≈10 | 2 X 08 2 X 27 | 23 X 24 23 X 27 | 20 Y 33 20 Y 27 | 2중22 2중42 | 5≈31 5≈58 | 2 X 52 3 X 10 | 24 X 13 24 X 16 | 21 Y 29 21 Y 23 |
| 50S | | 4≈51 | | | 19Y26 | | | | 23 X 31 | 20 Y 21 | | 6≈26 | | 24 X 19 | 21 7 23 |
| 50S 51S | 1중15 1중38 | 4≈51 5≈20 | 2 X 04 2 X 24 | 22 X 42 22 X 46 | 19\\dagge 26 | 2 3 09 2 3 32 | 5≈38 6≈08 | 2 X 46 3 X 06 | 23 ± 31 23 ± 34 | 20 \ \frac{721}{20 \cdot 15} | 3중04 3중27 | 6≈26 | 3 X 29 3 X 49 | 24 X 19 24 X 22 | 21 Y 16 |
| 52S | 2 3 02 | 5≈51 | 2 X 45 | 22 X 50 | 19Υ14 | 2 3 57 | 6≈38 | 3 X 26 | 23 X 38 | 20 γ 08 | 3 3 27 | 7≈24 | 4 X 08 | 24 X 25 | 21 Y 03 |
| 53S | 2528 | 6≈23 | 3 ¥ 06 | 22 X 54 | 19Ƴ07 | 3중22 | 7≈09 | 3 X 47 | 23 ¥ 41 | 20Y01 | 4중16 | 7≈55 | 4 ¥ 28 | 24 X 29 | 20Y55 |
| 54S | 2중55 | 6≈55 | 3 ₩ 28 | 22 X 59 | 19Ƴ00 | 3중49 | 7≈41 | 4 ∺ 08 | 23 ¥ 45 | 19℃54 | 4중43 | 8≈27 | 4 X 49 | 24 ¥ 32 | 20Ƴ48 |
| 55S | 3₹24 | 7≈29 | 3 ¥ 50 | 23 ¥ 03 | 18Ƴ53 | 4궁18 | 8≈15 | 4 ∺ 30 | 23 X 49 | 19Ƴ47 | 5ਰ12 | 9≈00 | 5 ∺ 10 | 24 ¥ 36 | 20Ƴ40 |
| 56S | 3중56 | 8≈05 | 4 × 12 | 23 × 08 | 18℃46 | 4정49 | 8≈49 | 4 X 52 | 23 ¥ 53 | 19Υ39 | 5843 | 9≈34 | 5 X 31 | 24 ¥ 39 | 20Y32 |
| 57S | 4 궁 29 | 8≈41 | 4 X 36 | 23 X 12 | 18Y38 | 5 궁 23 | 9≈26 10≈03 | 5 X 15 | 23 X 58 | 19Y31 | 6 궁 16 | 10≈10 10≈47 | 5 X 53 | 24 ¥ 43 | 20\gamma24 20\gamma15 |
| 58S 59S | 5 궁 06 5 궁 45 | 9≈20 10≈00 | 5 X 00 5 X 24 | 23 X 17 23 X 22 | 18 Ƴ 30 18 Ƴ 22 | 5 궁 59 6 궁 38 | 10≈03 10≈42 | 5 X 38 6 X 02 | 24 \(\frac{1}{24}\) \(\frac{1}{20}\) 06 | 19\cdot 23 | 6 궁 52 7 궁 31 | 10≈47 11≈25 | 6¥16 6¥39 | 24 X 47 24 X 50 | 20°715 20°706 |
| 60S | 6 군 28 | 10≈41 | 5 X 49 | 23 X 27 | 18 Y 14 | 7 공 21 | 11≈23 | 6 X 26 | 24 X 11 | 19\(05 | 8313 | 12≈06 | 7¥03 | 24 X 55 | 19\gamma 57 |
| 61S | 0528 7 궁 16 | 10≈41 | 6 X 15 | 23 X 27 23 X 33 | 18 Y 14 | 8 국 08 | 11≈23 | 6 X 51 | 24 X 11 24 X 16 | 19 Y 05 | 9800 | 12≈06 | 7 X 03 | 24 X 55 24 X 59 | 19°47 |
| 62S | 8중09 | 11≈23 12≈10 | 6 X 41 | 23 X 38 | 17 Y 55 | 9중01 | 12≈51 | 7 X 17 | 24 X 10 | 18 Y 46 | 9 8 52 | 13≈32 | 7 X 27 | 25 ± 03 | 19 Y 47 |
| | | | | 23 X 44 | 17Y45 | 10중00 | 13≈38 | 7 X 44 | 24 X 26 | 18 Y 35 | 10공51 | 14≈18 | 8 X 18 | 25 × 08 | 19℃25 |
| 63S | 9중10 | 12≈58 | 7 X 09 | 23 T 44 | 17173 | | | | | | | | | | 100014 |
| 63S 64S | | 12≈58 13≈48 | 7 X 09 7 X 37 | 23 X 44 23 X 50 | 17 Y 34 | 11중08 | 14≈27 | 8 X 11 | 24 X 31 | 18℃24 | 11중57 | 15≈06 | 8 X 45 | 25 X 12 | 19Ƴ14 |
| | 9 3 10 10 3 19 11 3 40 | | | 23 \times 50 23 \times 56 | 17 Ƴ 34 17 Ƴ 23 | 12중28 | 14≈27 15≈18 | 8 X 11 8 X 39 | 24 \times 31 24 \times 37 | 18 Y 13 | 13ਵ15 | 15≈06 15≈56 | 8 X 45 9 X 13 | 25 X 17 | 19 Y 02 |
| 64S | 9 日 10 | 13≈48 | 7 ∺ 37 | 23 X 50 | 17Ƴ34 | | | | | | | | | | |

| | Sid.Tir MC: | | 36m A ,18'47 | RMC: 2 | 234°00' | Sid.Tir MC: | ne: 15h | 40m A .16'56 | RMC: 2 | 235°00' | Sid.Tii MC: | ne: 15h | 44m A .14'55 | RMC: 2 | 236°00' |
|------------|--------------------------------|-----------------|--|--|-----------------------------------|-------------------------------|----------------------------------|--|--------------------------------|------------------------------|----------------------------------|----------------------------------|---|--|------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 24 ₹ 29 | 22313 | 21≈37 | 23 X 27 | 25 ℃ 53 | 25 ₹ 24 | 23309 | 22≈38 | 24 X 33 | 26Y56 | 26 z 19 | 24궁06 | 23≈40 | 25 ¥ 38 | 27 Υ 59 |
| 18 | 24 🗷 37 | 22328 | 21≈53 | 23 ¥ 29 | 25 ° 49 | 25 🗷 32 | 23324 | 22≈54 | 24 ¥ 34 | 26 Y 52 | 26 🗷 27 | 24321 | 23≈55 | 25 X 39 | 27°55 |
| 2S 3S | 24 ₹ 45 24 ₹ 53 | 22정42 22정57 | 22≈08 22≈23 | 23 ¥ 31 23 ¥ 33 | 25 \gamma 45 25 \gamma 42 | 25 ₹ 40 25 ₹ 48 | 23중39 23중54 | 23≈09 23≈24 | 24 ¥ 36 24 ¥ 38 | 26 Y 48 26 Y 44 | 26 ₹ 35 26 ₹ 43 | 24궁35 24궁50 | 24≈10 24≈24 | 25 \ 41 25 \ 42 | 27\Sigma 51 27\Sigma 47 |
| 4S | 25×101 | 22·37 23·312 | 22≈23 22≈38 | 23 X 35 | 25 Y 38 | 25 × 56 | 23 24 3 08 | 23≈24 23≈38 | 24 X 38 24 X 39 | 26 Y 41 | 26×43 | 24830 25 공 05 | 24≈24 24≈39 | 25 X 43 | 27 Y 43 |
| 58 | 25 🗷 09 | 23827 | 22≈53 | 23 X 37 | 25 Y 34 | 26 🗷 04 | 24823 | 23≈53 | 24 X 41 | 26Υ37 | 26 \$7 59 | 25319 | 24≈53 | 25 X 44 | 27Y39 |
| 6S | 25×17 | 23827 | 23≈08 | 23 X 39 | 25 Υ 34 25 Υ 31 | 26 × 12 | 24 공 38 | 23≈33 24≈08 | 24 X 42 | 26 Y 33 | 20 x 39 27 z 07 | 25 공 34 | 25≈07 | 25 X 46 | 27 Y 35 |
| 7S | 25 ₹ 25 | 23궁56 | 23≈23 | 23 X 41 | 25 ℃ 27 | 26 ₹ 20 | 24궁52 | 24≈22 | 24 X 44 | 26Y29 | 27 ₹ 15 | 25~348 | 25≈21 | 25 X 47 | 27Y32 |
| 8S | 25 ₹ 33 | 24중11 | 23≈37 | 23 X 43 | 25 ℃ 23 | 26 ₹ 28 | 25중07 | 24≈36 | 24 X 45 | 26Y25 | 27 ₹ 23 | 26중03 | 25≈35 | 25 X 48 | 27℃28 |
| 9S | 25 ₹41 | 24중26 | 23≈52 | 23 X 45 | 25 ℃ 20 | 26 ₹ 36 | 25중22 | 24≈50 | 24 X 47 | 26 ℃ 22 | 27 ₹ 31 | 26중18 | 25≈49 | 25 X 49 | 27℃24 |
| 10S | 25 ₹ 49 | 24중41 | 24≈06 | 23 X 46 | 25℃16 | 26 ₹ 45 | 25중36 | 25≈05 | 24 X 48 | 26Y18 | 27 ∡ 40 | 26중32 | 26≈03 | 25 X 51 | 27 Y 20 |
| 11S | 25 🗷 58 | 24356 | 24≈21 | 23 X 48 | 25Υ12 | 26 🗷 53 | 25851 | 25≈19 | 24 ¥ 50 | 26Υ14 | 27 🗷 48 | 26347 | 26≈17 | 25 X 52 | 27Y16 |
| 12S 13S | 26 ₹ 06 26 ₹ 14 | 25중11 25중26 | 24≈35 24≈49 | 23 \times 50 23 \times 52 | 25 \(\psi 08 \) 25 \(\psi 05 \) | 27 ₹ 01 27 ₹ 09 | 26 궁 06 26 궁 21 | 25≈32 25≈46 | 24 \(\pm\) 52 24 \(\pm\) 53 | 26Υ10 26Υ06 | 27 ₹ 56 28 ₹ 05 | 27중01 27중16 | 26≈30 26≈44 | 25 \times 53 25 \times 54 | 27 Y 12 27 Y 08 |
| 14S | 26×14 | 25 공 41 | 25≈03 | 23 X 54 | 25 Υ 03 25 Υ 01 | 27 × 03 | 26중36 | 25≈40 26≈00 | 24 X 55 | 26 Υ 02 | 28 × 13 | 27중31 | 26≈57 | 25 X 56 | 27 Y 04 |
| 15S | 26 ₹ 31 | 25356 | 25≈17 | 23 X 56 | 24 7 57 | 27 🗷 27 | 26궁51 | 26≈14 | 24 ¥ 56 | 25Υ59 | 28 🗷 22 | 27346 | 27≈11 | 25 X 57 | 27Υ00 |
| 16S | 26×31 | 25830 | 25≈32 | 23 X 57 | 24 Y 54 | 27 x 27 | 27306 | 26≈28 | 24 × 58 | 25 Y 55 | 28 × 30 | 28 중 01 | 27≈11 | 25 X 58 | 26°756 |
| 17S | 26 ₹ 49 | 26중26 | 25≈46 | 23 X 59 | 24Υ50 | 27 ₹ 44 | 27ਰ21 | 26≈41 | 24 X 59 | 25 Y 51 | 28 ₹ 39 | 28중16 | 27≈37 | 25 X 59 | 26Y52 |
| 18S | 26≯58 | 26중41 | 26≈00 | 24 X 01 | 24 Y 46 | 27 ₹ 53 | 27중36 | 26≈55 | 25 X 01 | 25Ƴ47 | 28 ₹ 48 | 28중31 | 27≈51 | 26 ₩ 00 | 26 Y 48 |
| 19S | 27 ₹ 06 | 26궁57 | 26≈14 | 24 X 03 | 24 Ƴ 42 | 28 ₮ 02 | 27중52 | 27≈09 | 25 ¥ 02 | 25 ℃ 43 | 28 ∡ 57 | 28중46 | 28≈04 | 26 ₩ 02 | 26Ƴ44 |
| 20S | 27 ₹ 16 | 27중13 | 26≈28 | 24 ₩ 05 | 24Ƴ38 | 28 ₹ 11 | 28중07 | 27≈23 | 25 ¥ 04 | 25 Y 39 | 29 ₮ 06 | 29중01 | 28≈18 | 26 ₩ 03 | 26 Y 39 |
| 21S | 27 🗷 25 | 27云28 | 26≈42 | 24 ¥ 06 | 24 Y 34 | 28 🗷 20 | 28云23 | 27≈36 | 25 ¥ 05 | 25 Y 35 | 29 🗷 15 | 29중17 | 28≈31 | 26 × 04 | 26Y35 |
| 22S 23S | 27 ₹ 34 27 ₹ 44 | 27중44 28중00 | 26≈56 27≈10 | 24 ¥ 08 24 ¥ 10 | 24 \gamma 31 24 \gamma 27 | 28 x 29 28 x 39 | 28 궁 38 28 궁 54 | 27≈50 28≈04 | 25 \times 07 25 \times 08 | 25 \gamma 31 \\ 25 \gamma 27 | 29 ₹ 24 29 ₹ 34 | 29 궁 33 29 궁 48 | 28≈44 28≈58 | 26 \times 05 26 \times 07 | 26 Y 31 26 Y 27 |
| 23S 24S | 27×144 27×153 | 28 중 17 | 27≈10 27≈24 | 24 X 10 24 X 12 | 24 Y 27 24 Y 23 | 28 × 48 | 29중10 | 28≈04 28≈17 | 25 X 10 | 25 Y 27 25 Y 23 | 29 x 34 29 x 44 | 0≈04 | 28≈38 29≈11 | 26 × 07 | 26 Y 27 26 Y 23 |
| | | 28833 | 27≈38 | | 24Υ19 | 28 \$758 | 29827 | | | 25 γ 18 | 29 \$7 53 | | | | 26 Y 18 |
| 25S 26S | 28 ∡ 03 28 ∡ 13 | 28 る 49 | 27≈38 27≈52 | 24 ¥ 14 24 ¥ 16 | 24 Y 19 24 Y 15 | 29 \$7 08 | 29 5 27 29 중 43 | 28≈31 28≈45 | 25 ¥ 11 25 ¥ 13 | 25 Υ 18 25 Υ 14 | 0중03 | 0≈20 0≈37 | 29≈24 29≈38 | 26 \times 09 26 \times 10 | 26 Y 18 |
| 27S | 28 × 23 | 29중06 | 28≈07 | 24 X 18 | 24Υ10 | 29 × 08 | 0≈00 | 28≈59 | 25 X 15 | 25Υ10 | 0303 | 0≈53 | 29≈51 | 26 × 12 | 26Υ09 |
| 28S | 28 ₹ 34 | 29궁23 | 28≈21 | 24 ¥ 20 | 24℃06 | 29 ₹ 29 | 0≈17 | 29≈13 | 25 X 16 | 25Y06 | 0중24 | 1≈10 | 0 ★ 05 | 26 X 13 | 26Y05 |
| 29S | 28 ₹ 44 | 29중41 | 28≈35 | 24 ¥ 21 | 24Y02 | 29 ₹ 39 | 0≈34 | 29≈27 | 25 X 18 | 25 ℃ 01 | 0중34 | 1≈27 | 0 X 19 | 26 X 14 | 26Y00 |
| 30S | 28 ₹ 55 | 29중58 | 28≈50 | 24 X 23 | 23 ℃ 58 | 29 ₹ 50 | 0≈51 | 29≈41 | 25 X 19 | 24 Y 57 | 0중45 | 1≈44 | 0 ₩ 32 | 26 X 15 | 25 ℃ 56 |
| 318 | 29 🗷 06 | 0≈16 | 29≈04 | 24 X 25 | 23 Υ 53 | 0중01 | 1≈09 | 29≈55 | 25 ¥ 21 | 24 Y 52 | 0중56 | 2≈01 | 0 X 46 | 26 X 17 | 25 Y 51 |
| 32S | 29 ₹ 18 29 ₹ 29 | 0≈34 0≈52 | 29≈19 29≈34 | 24 X 27 | 23 Y 49 | 0중13 | 1≈26 | 0 × 09 | 25 ¥ 23 | 24 \(\chi 48 \) | 1308 | 2≈19 | 1 X 00 | 26 × 18 | 25 \gamma 46 \\ 25 \gamma 41 |
| 33S 34S | 29×29 29×41 | 1≈11 | 29≈34 29≈48 | 24 ¥ 29 24 ¥ 31 | 23 \gamma 44 23 \gamma 40 | 0중24 0중36 | 1≈45 2≈03 | 0 X 24 0 X 38 | 25 \times 24 25 \times 26 | 24 Y 43 24 Y 38 | 1중19 1중31 | 2≈37 2≈55 | 1 X 14 1 X 28 | 26 X 19 26 X 21 | 25 Y 41 |
| 35S | 29 🗷 53 | 1≈30 | 0 × 03 | | 23 Υ 35 | 0중49 | 2≈22 | 0 X 53 | 25 X 28 | 24Υ33 | 1정43 | 3≈14 | | 26 X 22 | 25 Y 32 |
| 36S | 29×33 | 1≈30 | 0 X 03 | 24 ¥ 33 24 ¥ 35 | 23 Y 33 | 1중01 | 2≈22 | 1 X 08 | 25 H 28 | 24 Y 33 | 1856 | 3≈14 | 1 X 42 1 X 57 | 26 \times 23 | 25 Y 26 |
| 37S | 0중19 | 2≈09 | 0 X 34 | 24 × 37 | 23 Y 26 | 1314 | 3≈00 | 1 X 23 | 25 × 31 | 24Y23 | 2309 | 3≈52 | 2 X 11 | 26 × 25 | 25Y21 |
| 38S | 0중33 | 2≈29 | 0 X 49 | 24 X 39 | 23Y21 | 1중27 | 3≈20 | 1 X 38 | 25 ¥ 33 | 24Y18 | 2중22 | 4≈12 | 2 X 26 | 26 ₩ 26 | 25Y16 |
| 39S | 0중46 | 2≈50 | 1 X 05 | 24 X 42 | 23 ⋎ 16 | 1 중41 | 3≈41 | 1 X 53 | 25 ¥ 35 | 24 Y 13 | 2중36 | 4≈32 | 2 X 41 | 26 X 28 | 25Y10 |
| 40S | 1중01 | 3≈11 | 1 X 21 | 24 X 44 | 23 Y 11 | 1공55 | 4≈02 | 2 X 08 | 25 ¥ 36 | 24Y08 | 2중50 | 4≈52 | 2 X 56 | 26 ¥ 29 | 25℃05 |
| 418 | 1중15 | 3≈32 | 1 X 37 | 24 ¥ 46 | 23Υ05 | 2중10 | 4≈23 | 2 X 24 | 25 ¥ 38 | 24 \(\cdot 02 \) | 3중05 | 5≈13 | 3 X 11 | 26 ¥ 30 | 24Y59 |
| 42S | 1공31 | 3≈54 | 1 X 53 | 24 X 48 | 23 Y 00 | 2 3 25 | 4≈45 5×207 | 2 X 40 | 25 ¥ 40 | 23 Y 57 | 3 궁 20 | 5≈35 5×257 | 3 X 26 | 26 ¥ 32 | 24 Y 53 24 Y 47 |
| 43S 44S | 1중47 2중03 | 4≈17 4≈40 | 2 X 09 2 X 26 | 24 X 51 24 X 53 | 22 \gamma 54 22 \gamma 49 | 2정41 2정58 | 5≈07 5≈30 | 2 X 56 3 X 12 | 25 \ 42 25 \ 44 | 23 \gamma 51 23 \gamma 45 | 3중36 3중52 | 5≈57 6≈19 | 3 X 42 3 X 57 | 26 \times 33 26 \times 35 | 24°47' |
| 45S | 2정20 | 5≈04 | 2 X 43 | 24 X 55 | 22 Y 43 | 3중15 | 5≈53 | 3 X 28 | 25 X 46 | 23 Y 39 | 4 3 09 | 6≈42 | 4 X 13 | 26 X 37 | 24 Y 35 |
| 43S 46S | 2 5 20 2 5 38 | 5≈28 | 3 X 00 | 24 X 53 | 22 Y 43 22 Y 37 | 3중33 | 5≈33 | 3 X 28 | 25 X 48 | 23 Y 39 23 Y 33 | 4 8 09 | 7≈06 | 4 X 13 | 26 ± 37 | 24 Y 33 |
| 47S | 2중57 | 5≈53 | 3 X 18 | 25 ¥ 00 | 22Y31 | 3중51 | 6≈42 | 4 ¥ 02 | 25 × 50 | 23 Y 26 | 4346 | 7≈31 | 4 X 46 | 26 × 40 | 24Y22 |
| 48S | 3중16 | 6≈19 | 3 ¥ 35 | 25 X 03 | 22Υ24 | 4중11 | 7≈08 | 4 × 19 | 25 X 52 | 23 Y 20 | 5중05 | 7≈56 | 5 X 03 | 26 X 42 | 24Υ15 |
| 49S | 3ਰ37 | 6≈46 | 3 X 54 | 25 X 05 | 22 ⋎ 18 | 4중31 | 7≈34 | 4 × 37 | 25 X 54 | 23 Y 13 | 5중25 | 8≈22 | 5 ∺ 20 | 26 X 43 | 24Y08 |
| 50S | 3중58 | 7≈13 | 4 ¥ 12 | 25 ¥ 08 | 22 Ƴ 11 | 4중53 | 8≈01 | 4¥55 | 25 ¥ 56 | 23Υ06 | 5중47 | 8≈48 | 5 ¥ 38 | 26 X 45 | 24Y01 |
| 51S | 4중21 | 7≈42 | 4 X 31 | 25 × 10 | 22Υ04 | 5중15 | 8≈29 8×59 | 5 X 13 | 25 X 59 | 22Υ59 | 6중09 | 9≈16 | 5 X 55 | 26 × 47 | 23 Y 53 |
| 52S 53S | 4 3 45 5 3 10 | 8≈11 8≈41 | 4 X 50 5 X 09 | 25 X 13 25 X 16 | 21 \gamma 57 21 \gamma 50 | 5 3 9 6 3 04 | 8≈58 9≈27 | 5 X 32 5 X 51 | 26 \times 01 26 \times 03 | 22 \gamma 51 \\ 22 \gamma 44 | 6 궁 33 6 궁 58 | 9≈44 10≈14 | 6 X 13 6 X 32 | 26 \times 49 26 \times 50 | 23 \gamma 46 23 \gamma 38 |
| 54S | 5 3 37 | 9≈13 | 5 X 29 | 25 X 19 | 21 Y 42 | 6중31 | 9≈58 | 6×10 | 26 × 06 | 22 Y 36 | 7 3 24 | 10≈14 | 6 X 51 | 26 X 52 | 23 Y 29 |
| 55S | 6중06 | 9≈45 | 5 X 50 | 25 ¥ 22 | 21 Y 34 | 6중59 | 10≈30 | 6 × 30 | 26 ¥ 08 | 22Y27 | 7중53 | 11≈15 | 7 ∺ 10 | 26 X 54 | 23Y20 |
| 56S | 6중37 | 10≈19 | 6¥11 | 25 X 25 | 21 Y 25 | 7중30 | 11≈03 | 6 × 50 | 26 × 11 | 22 Y 18 | 8중23 | 11≈48 | 7 X 30 | 26 × 56 | 23 Y 11 |
| 57S | 7⋜09 | 10≈54 | 6 ★ 32 | 25 ¥ 28 | 21 Y 17 | 8중02 | 11≈38 | 7 X 11 | 26 X 13 | 22 ℃ 09 | 8중55 | 12≈22 | 7 ¥ 50 | 26 X 59 | 23 ℃ 02 |
| 58S | 7정45 | 11≈30 | 6 ★ 54 | 25 X 31 | 21Υ08 | 8538 | 12≈14 | 7 ¥ 32 | 26¥16 | 22Υ00 | 9중30 | 12≈57 | 8¥11 | 27 × 01 | 22Y52 |
| 59S | 8중24 | 12≈08 | 7 ∺ 17 | 25 X 35 | 20℃58 | 9중16 | 12≈51 | 7 ∺ 54 | 26 X 19 | 21 Y 50 | 10중08 | 13≈34 | 8 X 32 | 27 X 03 | 22 ℃ 42 |
| 60S | 9 궁 06 | 12≈48 | 7 ¥ 40 | 25 ¥ 38 | 20℃48 | 9중57 | 13≈30 | 8 X 17 | 26 X 22 | 21 Y 40 | 10중49 | 14≈12 | 8 X 54 | 27 ¥ 05 | 22 Ƴ 31 |
| 618 | 9중52 | 13≈29 | 8 X 04 | 25 X 42 | 20Υ38 | 10중43 | 14≈10 | 8 X 40 | 26 ¥ 25 | 21Υ29 | 11334 | 14≈52 | 9¥16 | 27 ¥ 08 | 22 7 20 |
| 62S 63S | 10중43 11중41 | 14≈12 14≈57 | 8 X 28 8 X 53 | 25 \times 45 25 \times 49 | 20\cdot 27 20\cdot 16 | 11중34 12중30 | 14≈53 15≈37 | 9 X 04 9 X 28 | 26 \(\pm 28\) 26 \(\pm 31\) | 21 Y 18 21 Y 06 | 12る24 13る20 | 15≈34 16≈17 | 9 ** 39 10 ** 03 | 27 ¥ 10 27 ¥ 13 | 22 Y 08 21 Y 56 |
| 64S | 12346 | 15≈45 | 9 X 19 | 25 X 49 25 X 53 | 20 Y 16 20 Y 04 | 12 6 30 | 15≈37 | 9 X 28 | 26 X 34 | 20 Y 53 | 13 6 20 14 중 23 | 17≈03 | 10 X 03 | 27 X 13 | 21 Y 36 21 Y 43 |
| 65S | 14중02 | 16≈34 | 9 X 46 | 25 X 57 | 19\gamma51 | 14349 | 17≈13 | 10 X 19 | 26 × 38 | 20 γ 40 | 1536 | 17≈51 | 10 X 53 | 27 × 18 | 21 Y 29 |
| 66S | 15334 | 17≈27 | 10 X 14 | 26 \times 02 | 19 Y 31 | 16중18 | 18≈04 | 10 X 19 | 26 X 41 | 20 Y 40 20 Y 26 | 13 6 30 | 18≈41 | 10 X 33 | 27 X 18 | 21 Y 29 |
| pc | 16중35 | 17≈57 | 10 X 29 | 26 × 04 | 19 Y 30 | 17중17 | 18≈34 | 11 × 02 | 26 X 43 | 20 Y 18 | 17 3 59 | 19≈10 | 11 X 34 | 27 × 23 | 21 Y 06 |
| | | | | | | | | | | 0221200 | | | | | <u> </u> |

| | Sid.Tir MC: | | 48m A .12'46 | RMC: 2 | 237°00' | Sid.Tir MC: | ne: 15h; 0∡1 | 52m A 0'27 | RMC: 2 | 238°00' | Sid.Tir MC: | ne: 15h: 1 ∡ 0 | 56m A | RMC: 2 | 239°00' |
|------------|----------------------------------|----------------------------------|--|--|-----------------------------------|--------------------------------|----------------------------------|--|--|------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27 ₹ 14 | 25중03 | 24≈42 | 26 X 43 | 29 Y 02 | 28 ₹ 09 | 26중00 | 25≈44 | 27 X 49 | 0805 | 29 ₹ 04 | 26중57 | 26≈46 | 28 ¥ 54 | 1808 |
| 1S | 27 ₹ 22 | 25중17 | 24≈57 | 26 X 44 | 28Υ58 | 28 ₹ 17 | 26314 | 25≈58 | 27 X 49 | 0801 | 29 🗷 12 | 27811 | 27≈00 | 28 X 54 | 1803 |
| 2S | 27 🗷 30 | 25332 | 25≈11 | 26 × 45 | 28 Y 54 | 28 🗷 25 | 26329 | 26≈12 26 ≥12 | 27 X 50 | 29 Y 57 | 29 🗷 20 | 27326 | 27≈14 | 28 X 55 | 0859 |
| 3S 4S | 27 ₹ 38 27 ₹ 46 | 25 궁 47 26 궁 01 | 25≈25 25≈39 | 26 X 46 26 X 47 | 28 \gamma 50 28 \gamma 46 | 28 🗷 33 28 🗷 41 | 26 공 43 26 공 58 | 26≈26 26≈40 | 27 X 51 27 X 51 | 29 \cdot 52 \\ 29 \cdot 48 | 29 ₹ 28 29 ₹ 36 | 27정40 27정54 | 27≈27 27≈41 | 28 ¥ 55 28 ¥ 55 | 0855 0850 |
| 5S | 27 ₹ 54 | 26중16 | 25≈53 | 26 X 48 | 28°Y42 | 28 🗷 49 | 27중12 | 26≈53 | 27 X 52 | 29 7 44 | 29 🗷 44 | 28309 | 27≈54 | 28 ¥ 56 | 0846 |
| 6S | 28×102 | 26중30 | 26≈07 | 26 X 49 | 28 Y 38 | 28 × 49 | 27 3 12 | 20≈33 27≈07 | 27 X 53 | 29 Y 40 | 29 \$7 52 | 28823 | 27≈34 28≈07 | 28 X 56 | 0842 |
| 7S | 28 ₹ 10 | 26344 | 26≈21 | 26 × 50 | 28Y34 | 29 ₹ 05 | 27중41 | 27≈20 | 27 X 53 | 29Υ36 | 0800 | 28중37 | 28≈20 | 28 X 56 | 0837 |
| 8S | 28 ₹ 18 | 26궁59 | 26≈34 | 26 X 51 | 28 Y 30 | 29 ∡ 14 | 27중55 | 27≈34 | 27 X 54 | 29 Y 31 | 0중09 | 28중51 | 28≈33 | 28 X 57 | 0833 |
| 9S | 28 ₹ 27 | 27중13 | 26≈48 | 26 X 52 | 28℃25 | 29 ₹22 | 28중09 | 27≈47 | 27 X 54 | 29℃27 | 0중17 | 29중06 | 28≈46 | 28 X 57 | 0829 |
| 10S | 28 🗷 35 | 27중28 | 27≈01 | 26 X 53 | 28Υ21 | 29 🗷 30 | 28324 | 28≈00 | 27 ¥ 55 | 29Υ23 | 0중25 | 29중20 | 28≈58 | 28 ¥ 57 | 0824 |
| 11S 12S | 28 ₹ 43 28 ₹ 51 | 27중42 27중57 | 27≈15 27≈28 | 26 \times 54 26 \times 55 | 28 Y 17 28 Y 13 | 29 x 38 29 x 46 | 28 궁 38 28 궁 53 | 28≈13 28≈26 | 27 ¥ 56 27 ¥ 56 | 29 Y 19 29 Y 15 | 0중33 0중41 | 29 궁 34 29 궁 48 | 29≈11 29≈24 | 28 X 58 28 X 58 | 0820 0816 |
| 12S 13S | 29×31 | 28 云 12 | 27≈28 27≈41 | 26 X 55 | 28 Y 09 | 29 x 40 29 x 55 | 29중07 | 28≈20 28≈39 | 27 X 50 | 29 Y 13 | 0중50 | 0≈03 | 29≈24 29≈36 | 28 X 58 | 0811 |
| 14S | 29 ₹ 08 | 28326 | 27≈54 | 26 X 57 | 28Y05 | 0중03 | 29중22 | 28≈51 | 27 X 58 | 29Υ06 | 0중58 | 0≈17 | 29≈49 | 28 X 59 | 0807 |
| 15S | 29 ₹ 17 | 28중41 | 28≈07 | 26 X 57 | 28Y01 | 0중12 | 29중36 | 29≈04 | 27 X 58 | 29 7 02 | 1궁07 | 0≈32 | 0¥01 | 28 X 59 | 0803 |
| 16S | 29 ₹ 25 | 28중56 | 28≈20 | 26 × 58 | 27°57 | 0중20 | 29중51 | 29≈17 | 27 X 59 | 28 Y 57 | 1공15 | 0≈46 | 0 X 13 | 28 X 59 | 29Y58 |
| 17S | 29 ₹ 34 | 29중11 | 28≈33 | 26 X 59 | 27Y53 | 0중29 | 0≈06 | 29≈30 | 27 X 59 | 28 Y 53 | 1중24 | 1≈01 | 0 ₩ 26 | 28 X 59 | 29°754 |
| 18S | 29 🗷 43 | 29326 | 28≈46 | 27 × 00 | 27°°48 | 0중38 | 0 ≈ 21 | 29≈42 20×55 | 28 X 00 | 28 Y 49 | 1333 | 1≈16 | 0 X 38 | 29 × 00 | 29Y49 |
| 19S | 29 ₹ 52 | 29341 | 29≈00 | 27 ¥ 01 | 27 Υ 44 | 0중47 | 0≈36 | 29≈55 | 28 ¥ 01 | 28 7 44 | 1342 | 1≈30 | 0 X 50 | 29 X 00 | 29Υ45 |
| 20S 21S | 0 궁 01 0 궁 10 | 29 궁 56 0≈11 | 29≈13 29≈26 | 27 \(\frac{1}{27}\) \(\ | 27\dagger40 27\dagger35 | 0중56 1중05 | 0≈51 | 0 × 08 | 28 × 01 | 28 \gamma 40 \\ 28 \gamma 36 | 1851 | 1≈45 2≈00 | 1 X 03 | 29 \(\pi\) 00 29 \(\pi\) 01 | 29 Y 40 29 Y 36 |
| 21S 22S | 0510 | 0≈11 | 29≈20 | 27 X 03 | 27 Y 33 | 1803 | 1≈06 1≈21 | 0 ¥ 20 0 ¥ 33 | 28 ¥ 02 28 ¥ 02 | 28 Y 31 | 2 3 00 2 3 09 | 2≈00 2≈15 | 1 X 15 1 X 27 | 29 X 01 | 29 Y 30 29 Y 31 |
| 23S | 0중29 | 0≈42 | 29≈52 | 27 × 05 | 27Y27 | 1824 | 1≈36 | 0 X 46 | 28 ¥ 03 | 28Y27 | 2중19 | 2≈31 | 1 X 40 | 29 × 01 | 29Y26 |
| 24S | 0중39 | 0≈58 | 0 ¥ 05 | 27 X 06 | 27 ℃ 22 | 1중34 | 1≈52 | 0 X 58 | 28 X 04 | 28Y22 | 2중28 | 2≈46 | 1 X 52 | 29 X 02 | 29Y22 |
| 25S | 0중48 | 1≈14 | 0 ∺ 18 | 27 X 07 | 27 Y 18 | 1중43 | 2≈08 | 1 X 11 | 28 X 04 | 28 Y 17 | 2중38 | 3≈02 | 2 X 04 | 29 X 02 | 29 Ƴ 17 |
| 26S | 0중58 | 1≈30 | 0 ∺ 31 | 27 ¥ 08 | 27Y13 | 1공53 | 2≈24 | 1 X 24 | 28 ¥ 05 | 28 Y 13 | 2348 | 3≈17 | 2 X 17 | 29 X 02 | 29 Υ 12 |
| 27S | 1308 | 1≈46 | 0 X 44 | 27 × 09 | 27°09 | 2중03 | 2≈40 | 1 X 37 | 28 ¥ 06 | 28 7 08 | 2358 | 3≈33 | 2 X 29 | 29 ¥ 03 | 29Y07 |
| 28S 29S | 1중19 1중29 | 2≈03 2≈20 | 0 ¥ 57 1 ¥ 10 | 27 X 09 27 X 10 | 27\cdot\04 26\cdot\59 | 2정14 2정24 | 2≈56 3≈13 | 1 X 49 2 X 02 | 28 ¥ 06 28 ¥ 07 | 28 Y 03 27 Y 58 | 3 조 09 3 조 19 | 3≈50 4≈06 | 2 X 42 2 X 54 | 29 \times 03 29 \times 03 | 29 Y 02 28 Y 57 |
| 30S | | 2≈37 | | 27 X 11 | 26 Y 55 | 2835 | 3≈30 | | 28 × 07 | 27 Y 53 | 1 | 4≈23 | 3 X 07 | 29 X 03 | 28 Y 52 |
| 31S | 1 3 40 1 3 51 | 2≈54 | 1 X 24 1 X 37 | 27 X 11 | 26 Y 50 | 2846 | 3≈30 | 2 X 15 2 X 28 | 28 × 08 | 27Υ33 27Υ48 | 3중30 3중41 | 4≈23 | 3 X 07 | 29 X 03 | 28 Y 47 |
| 32S | 2중03 | 3≈11 | 1 X 51 | 27 X 13 | 26Y45 | 2중57 | 4≈04 | 2 X 41 | 28 × 09 | 27 Y 43 | 3₹52 | 4≈56 | 3 X 32 | 29 × 04 | 28Y42 |
| 33S | 2ਰ14 | 3≈29 | 2 X 04 | 27 ¥ 14 | 26℃40 | 3号09 | 4≈21 | 2 X 55 | 28 ¥ 09 | 27 Y 38 | 4궁04 | 5≈14 | 3 ¥ 45 | 29 X 04 | 28Y36 |
| 34S | 2중26 | 3≈47 | 2 X 18 | 27 ¥ 15 | 26℃35 | 3중21 | 4≈39 | 3 ₩ 08 | 28 ¥ 10 | 27 Y 33 | 4중16 | 5≈31 | 3 X 58 | 29 X 05 | 28 Y 31 |
| 35S | 2중38 | 4≈06 | 2 ¥ 32 | 27 X 16 | 26Υ30 | 3중33 | 4≈57 | 3 ¥ 21 | 28 ¥ 11 | 27Y27 | 4중28 | 5≈49 | 4 X 11 | 29 × 05 | 28Y25 |
| 36S 37S | 2 궁 51 3 궁 04 | 4≈24 4≈43 | 2 X 46 3 X 00 | 27 X 17 27 X 18 | 26 ° 24 26 ° 19 | 3 공 45 3 공 58 | 5≈16 5≈35 | 3 X 35 3 X 49 | 28 ¥ 11 28 ¥ 12 | 27\cdot 22 27\cdot 16 | 4 3 40 4 3 53 | 6≈08 6≈26 | 4 ¥ 24 4 ¥ 37 | 29 ¥ 05 29 ¥ 06 | 28\gamma 20 28\gamma 14 |
| 38S | 3804 | 5≈03 | 3 X 14 | 27 X 19 | 26Υ13 | 4 공 12 | 5≈54 | 4 X 02 | 28 X 13 | 27Υ11 | 5중06 | 6≈45 | 4 X 51 | 29 × 06 | 28 Y 08 |
| 39S | 3ਰ31 | 5≈23 | 3 ¥ 29 | 27 X 21 | 26℃08 | 4궁25 | 6≈14 | 4 ∺ 16 | 28 | 27Υ°05 | 5号20 | 7≈04 | 5 ¥ 04 | 29 X 07 | 28Y02 |
| 40S | 3ਰ45 | 5≈43 | 3 ¥ 43 | 27 X 22 | 26℃02 | 4궁39 | 6≈34 | 4 ∺ 31 | 28 X 14 | 26Y59 | 5ਰ34 | 7≈24 | 5 | 29 X 07 | 27Y56 |
| 41S | 3궁59 | 6≈04 | 3 X 58 | 27 X 23 | 25 Y 56 | 4궁54 | 6≈54 | 4 X 45 | 28 ¥ 15 | 26 Y 53 | 5중48 | 7≈44 | 5 X 32 | 29 X 07 | 27 Y 50 |
| 42S | 4중15 | 6≈25 | 4 × 13 | 27 × 24 | 25°750 | 5중09 | 7≈15 | 4 X 59 | 28 × 16 | 26°°47 | 6중03 | 8≈05 0 26 | 5 X 46 | 29 × 08 | 27°43 |
| 43S 44S | 4중30 4중47 | 6≈47 7≈09 | 4 X 28 4 X 43 | 27 ¥ 25 27 ¥ 26 | 25 \gamma 44 25 \gamma 38 | 5중25 5중41 | 7≈36 7≈58 | 5 X 14 5 X 29 | 28 X 16 28 X 17 | 26 \gamma 40 26 \gamma 34 | 6 3 19 | 8≈26 8≈48 | 6¥00 6¥15 | 29 \(\pi\) 08 29 \(\pi\) 08 | 27 Y 37 27 Y 30 |
| 45S | | | | | 25 Y 31 | | 8≈21 | | 28 X 18 | | | 9≈10 | | 29 X 09 | 27 Y 23 |
| 45S 46S | 5 궁 04 5 궁 21 | 7≈32 7≈55 | 4 X 59 5 X 14 | 27 X 27 27 X 29 | 25 \ \ 25 \ \ \ 25 \ \ \ \ 24 | 5 중 58 6 중 15 | 8≈44 | 5 X 44 5 X 59 | 28 X 18 | 26 Y 27 26 Y 20 | 6중52 7중10 | 9≈10 | 6 X 29 | 29 X 09 29 X 09 | $\frac{27723}{27916}$ |
| 47S | 5중40 | 8≈19 | 5 X 31 | 27 × 30 | 25Υ18 | 6중34 | 9≈08 | 6 X 15 | 28 ¥ 20 | 26 Y 13 | 7る28 | 9≈56 | 6¥59 | 29 X 10 | 27Υ08 |
| 48S | 5정59 | 8≈44 | 5 X 47 | 27 ¥ 31 | 25Υ10 | 6중53 | 9≈32 | 6 ₩31 | 28 ¥ 21 | 26Υ06 | 7중47 | 10≈20 | 7 × 14 | 29 X 10 | 27Υ01 |
| 49S | 6중19 | 9≈09 | 6 ¥ 03 | 27 X 32 | 25℃03 | 7중13 | 9≈57 | 6 X 47 | 28 ¥ 21 | 25 Y 58 | 8중07 | 10≈45 | 7 ∺ 30 | 29 X 10 | 26Y53 |
| 50S | 6중40 | 9≈36 | 6¥20 | 27 × 34 | 24°756 | 7중34 | 10≈23 | 7 ¥ 03 | 28 ¥ 22 | 25 Y 50 | 8328 | 11≈10 | 7 X 46 | 29 X 11 | 26Y45 |
| 51S 52S | 7 3 03 7 3 26 | 10≈03 10≈31 | 6 X 38 | 27 ¥ 35 27 ¥ 36 | 24 \(\chi 48 \) 24 \(\chi 40 \) | 7 궁 56 8 궁 20 | 10≈50 11≈17 | 7 ¥ 20 7 ¥ 37 | 28 ¥ 23 28 ¥ 24 | 25 \gamma 42 25 \gamma 34 | 8 궁 50 9 궁 13 | 11≈37 12≈04 | 8 X 02 8 X 19 | 29 X 11 29 X 12 | 26 Y 37 26 Y 28 |
| 53S | 7 5 26 | 10≈31 | 7 X 13 | 27 X 38 | 24 Y 40 24 Y 31 | 8 공 45 | 11≈17 | 7 X 54 | 28 X 24 | 25 Y 25 | 9513 | 12≈04 | 8 X 36 | 29 X 12 | 26 Y 19 |
| 54S | 8로18 | 11≈30 | 7 ∺ 31 | 27 X 39 | 24Y23 | 9중11 | 12≈15 | 8 X 12 | 28 ¥ 26 | 25Υ16 | 10중04 | 13≈01 | 8 X 53 | 29 X 13 | 26Υ10 |
| 55S | 8중46 | 12≈01 | 7 ∺ 50 | 27 X 41 | 24 Y 14 | 9339 | 12≈46 | 8 x 30 | 28 ¥ 27 | 25 Y 07 | 10중31 | 13≈31 | 9 | 29 X 13 | 26Y00 |
| 56S | 9 궁 16 | 12≈33 | 8 X 09 | 27 X 42 | 24Y04 | 10궁08 | 13≈17 | 8 X 49 | 28 X 28 | 24 Y 57 | 11중01 | 14≈02 | 9¥28 | 29 X 14 | 25 ℃ 50 |
| 57S | 9중48 | 13≈06 | 8 X 29 | 27 X 44 | 23 Y 55 | 10중40 | 13≈50 | 9 X 08 | 28 ¥ 29 | 24 \ 47 | 11332 | 14≈34 | 9 ¥ 47 | 29 X 14 | 25 Y 39 |
| 58S 59S | 10궁22 11궁00 | 13≈41 14≈17 | 8 X 49 9 X 10 | 27 X 45 27 X 47 | 23 \gamma 44 23 \gamma 34 | 11궁14 11궁51 | 14≈24 15≈00 | 9 X 27 9 X 47 | 28 ¥ 30 28 ¥ 31 | 24 Y 37 24 Y 25 | 12 3 06 12 3 43 | 15≈08 15≈42 | 10 ¥ 06 10 ¥ 25 | 29 X 15 29 X 15 | 25 Y 29 25 Y 17 |
| - 1 | | | | | | l . | | | | | | | | | 25Υ17 25Υ05 |
| 60S 61S | 11궁40 12궁25 | 14≈54 15≈33 | 9 X 31 9 X 53 | 27 X 49 27 X 51 | 23 \cdot 23 \cdot 23 \cdot 11 | 12중32 13중16 | 15≈36 16≈15 | 10 ¥ 08 10 ¥ 29 | 28 ¥ 32 28 ¥ 34 | 24 Y 14 24 Y 02 | 13 궁 23 14 궁 06 | 16≈19 16≈56 | 10 X 45 11 X 05 | 29 X 16 29 X 17 | 25°7°05 24°753 |
| 62S | 12 8 23 | 15≈33 | 10 × 15 | 27 X 51 | 22 Y 59 | 13 8 10 | 16≈15 | 10 X 29 | 28 X 34 | 23 Y 49 | 14 8 00 | 17≈36 | 11 X 05 | 29 X 17 | 24 Y 39 |
| 63S | 14궁09 | 16≈57 | 10 ¥ 38 | 27 X 54 | 22 Y 46 | 14궁58 | 17≈37 | 11 X 13 | 28 ¥ 36 | 23 Y 36 | 15847 | 18≈17 | 11 X 48 | 29 ¥ 18 | 24Ƴ26 |
| 64S | 15중11 | 17≈42 | 11 X 02 | 27 ¥ 56 | 22 Y 32 | 15궁59 | 18≈21 | 11 X 36 | 28 X 37 | 23 Y 22 | 16중47 | 19≈00 | 12 ¥ 10 | 29 ¥ 18 | 24Y11 |
| 65S | 16중22 | 18≈29 | 11 ¥ 26 | 27 X 58 | 22 Y 18 | 17궁09 | 19≈07 | 12 ∺ 00 | 28¥39 | 23 Y 07 | 17궁55 | 19≈45 | 12 ∺ 33 | 29 X 19 | 23 Y 56 |
| 66S | | 10 10 | 111V51 | 28 × 01 | 22Y03 | 18중30 | 19≈55 | 12×24 | 28 X 40 | 22 Y 51 | 19る14 | 1 20 22 | 12 X 57 | 201/20 | 23 Y 39 |
| pc | 17 궁 46 18 궁 41 | 19≈18 19≈47 | 11 ¥ 51 12 ¥ 06 | 28 × 02 | 21 Y 54 | 19 군 23 | 20≈23 | 12 X 24 12 X 38 | 28 X 41 | 22 Y 42 | 20305 | 20≈33 21≈00 | 12 X 37 | 29 \times 20 29 \times 20 | 23 Y 30 |

| | Sid.Tir MC: | | 00m A | RMC: 2 | 40°00' | Sid.Tir MC: | | 04m A | RMC: 2 | 241°00' | Sid.Tir MC: | | 08m A 59'43 | RMC: 2 | 242°00' |
|------------|--------------------------------|----------------------------------|--|----------------|-------------------------------------|----------------------------------|----------------|--|------------------|--------------------|----------------------------------|----------------|--|----------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0중00 | 27중54 | 27≈49 | 0 Υ 00 | 2810 | 0중55 | 28852 | 28≈51 | 1 Y 05 | 3813 | 1궁50 | 29349 | 29≈54 | 2Y10 | 4815 |
| 1S | 0중07 | 28중08 | 28≈02 | 0 Υ 00 | 2806 | 1중03 | 29궁06 | 29≈04 | 1Υ05 | 3808 | 1공58 | 0≈03 | 0 X 07 | 2Υ10 | 4810 |
| 2S | 0중15 | 28중23 | 28≈15 | 0Υ00 | 2801 | 1중10 | 29중20 | 29≈17 | 1Υ04 | 3804 | 2중06 | 0≈17 | 0 ∺ 19 | 2Υ09 | 4805 |
| 3S | 0중23 | 28중37 | 28≈29 | 0Υ00 | 1857 | 1318 | 29중34 | 29≈30 | 1 Υ 04 | 2859 | 2중13 | 0≈31 | 0 × 32 | 2Υ08 | 4801 |
| 4S | 0중31 | 28중51 | 28≈42 | 0 Υ 00 | 1852 | 1중26 | 29중48 | 29≈43 | 1Υ04 | 2854 | 2521 | 0≈45 | 0 X 44 | 2Y08 | 3856 |
| 5S | 0중39 | 29중05 | 28≈54 | 0Υ00 | 1848 | 1중34 | 0≈02 | 29≈55 | 1Υ03 | 2850 | 2중29 | 0≈59 | 0 X 56 | 2Υ07 | 3851 |
| 6S | 0중47 | 29319 | 29≈07 | 0Υ00 | 1844 | 1342 | 0≈16 | 0 × 08 | 1 Υ 03 | 2845 | 2837 | 1≈13 | 1 X 08 | 2Υ06 | 3847 |
| 7S 8S | 0중55 1중04 | 29 궁 34 29 궁 48 | 29≈20 29≈32 | 0°400 0°400 | 1839 1835 | 1정51 1정59 | 0≈30 0≈44 | 0 ¥ 20 0 ¥ 32 | 1Υ03 1Υ02 | 2841 2836 | 2 3 46 2 3 54 | 1≈27 1≈41 | 1 X 20 1 X 32 | 2 Y 06 2 Y 05 | 3842 3837 |
| 9S | 1304 | 0≈02 | 29≈32 29≈45 | 0Υ00 | 1830 | 2중07 | 0≈44 | 0 X 32 | 1 γ 02 1 γ 02 | 2831 | 3 중 02 | 1≈55 | 1 X 32 | 2 Υ 05 2 Υ 05 | 3833 |
| 10S | 1중20 | 0≈16 | 29≈57 | 0Υ00 | 1826 | 2315 | 1≈12 | 0 X 56 | 1Υ02 | 2827 | 3중10 | 2≈08 | 1 X 55 | 2Υ04 | 3828 |
| 118 | 1828 | 0≈10 | 0 ¥ 10 | 0Υ00 0Υ00 | 1821 | 2 8 13 | 1≈12 | 1 X 08 | 1 γ 02 1 γ 01 | 2822 | 3818 | 2≈22 | 2 X 07 | 2 Υ 04 2 Υ 03 | 3823 |
| 12S | 1336 | 0≈44 | 0 X 22 | 0Υ00 | 1817 | 2 3 31 | 1≈40 | 1 X 20 | 1γ01 | 2818 | 3중26 | 2≈36 | 2 X 18 | 2Υ03 | 3818 |
| 13S | 1345 | 0≈58 | 0 X 34 | 0Υ00 | 1812 | 2340 | 1≈54 | 1 X 32 | 1Υ01 | 2813 | 3835 | 2≈50 | 2 X 30 | 2Υ02 | 3814 |
| 14S | 1중53 | 1≈13 | 0 ₩ 46 | 0Υ00 | 1808 | 2중48 | 2≈08 | 1 X 43 | 1 Y 01 | 2808 | 3ਰ43 | 3≈04 | 2 X 41 | 2Υ°02 | 3809 |
| 15S | 2302 | 1≈27 | 0 X 58 | 0 Υ 00 | 1803 | 2ਰ57 | 2≈23 | 1 X 55 | 1 Υ 00 | 2804 | 3ਰ52 | 3≈18 | 2 X 52 | 2Υ01 | 3804 |
| 16S | 2중10 | 1≈41 | 1 X 10 | 0 Υ 00 | 0859 | 3ਰ05 | 2≈37 | 2 X 07 | 1 Υ 00 | 1859 | 4중00 | 3≈32 | 3 ¥ 04 | 2Υ00 | 2859 |
| 17S | 2319 | 1≈56 | 1 ¥ 22 | 0Υ00 | 0854 | 3ਰ14 | 2≈51 | 2 X 18 | 1Υ00 | 1854 | 4궁09 | 3≈46 | 3 × 15 | 2Υ00 | 2854 |
| 18S | 2중28 | 2≈11 | 1 X 34 | 0Υ00 | 0849 | 3 3 2 3 | 3≈06 | 2 X 30 | 0Υ59 | 1850 | 4중18 | 4≈01 | 3 × 26 | 1 Υ 59 | 2850 |
| 19S | 2중37 | 2≈25 | 1 X 46 | 0Υ00 | 0845 | 3중32 | 3≈20 | 2 X 42 | 0Υ59 | 1845 | 4중27 | 4≈15 | 3 ¥ 37 | 1Υ58 | 2845 |
| 20S | 2중46 | 2≈40 | 1 X 58 | 0Υ00 | 0840 | 3 공 41 | 3≈35 | 2 X 53 | 0Υ59 | 1840 | 4중36 | 4≈30 | 3 × 49 | 1 Υ 58 | 2840 |
| 21S 22S | 2정55 3정04 | 2≈55 3≈10 | 2 X 10 2 X 22 | 0°00 0°00 | 0835 0831 | 3 궁 50 3 궁 59 | 3≈49 4≈04 | 3 X 05 3 X 16 | 0Υ58 0Υ58 | 1835 1830 | 4정45 4정54 | 4≈44 4≈59 | 4 ¥ 00 4 ¥ 11 | 1Υ57 1Υ57 | 2835 2830 |
| 23S | 3804 | 3≈10 | 2 X 22 2 X 34 | 0Υ00 0Υ00 | 0831 | 4중09 | 4≈19 | 3 X 10 | 0Υ58 | 1825 | 5중03 | 5≈14 | 4 X 11 | 1 Υ 56 | 2825 |
| 24S | 3 ਰ 23 | 3≈40 | 2 X 46 | 0Υ00 | 0821 | 4중18 | 4≈34 | 3 X 40 | 0Υ57 | 1820 | 5ਰ13 | 5≈28 | 4 X 33 | 1Υ55 | 2819 |
| 25S | 3중33 | 3≈56 | 2 X 58 | 0Υ00 | 0816 | 4 국 28 | 4≈50 | 3 X 51 | 0 Υ 57 | 1815 | 5중23 | 5≈44 | 4 | 1 Y 55 | 2814 |
| 26S | 3 ਰ 43 | 4≈11 | 3 X 10 | 0Υ00 | 0811 | 4중38 | 5≈05 | 4 × 03 | 0Υ57 | 1810 | 5중33 | 5≈59 | 4 × 56 | 1Υ54 | 2809 |
| 27S | 3ਰ53 | 4≈27 | 3 ¥ 22 | 0Υ00 | 0806 | 4중48 | 5≈21 | 4 ∺ 15 | 0Υ57 | 1805 | 5ਰ43 | 6≈14 | 5 X 07 | 1Υ54 | 2804 |
| 28S | 4중03 | 4≈43 | 3 X 34 | 0Υ00 | 0801 | 4중58 | 5≈36 | 4 X 26 | 0Υ56 | 1800 | 5중53 | 6≈30 | 5 X 19 | 1 Υ 53 | 1858 |
| 29S | 4중14 | 4≈59 | 3 X 46 | 0 Υ 00 | 29℃56 | 5号09 | 5≈52 | 4 ¥ 38 | 0 Υ 56 | 0854 | 6중03 | 6≈46 | 5 ¥ 30 | 1 Y 52 | 1853 |
| 30S | 4중25 | 5≈15 | 3 X 58 | 0Υ00 | 29Υ51 | 5중19 | 6≈08 | 4 X 50 | 0Υ56 | 0849 | 6중14 | 7≈02 | 5 X 41 | 1 Υ 52 | 1847 |
| 31S 32S | 4 궁 36 4 궁 47 | 5≈32 5≈49 | 4 ¥ 11 4 ¥ 23 | 0°00 0°00 | 29 Y 45 29 Y 40 | 5 궁 30 5 궁 41 | 6≈25 6≈42 | 5 X 02 5 X 14 | 0Υ55 0Υ55 | 0843 0838 | 6 3 25 6 3 36 | 7≈18 7≈34 | 5 X 53 6 X 05 | 1 Y 51 1 Y 50 | 1842 1836 |
| 33S | 4공58 | 6≈06 | 4 X 35 | 0Υ00 0Υ00 | 29 Y 34 | 5중53 | 6≈58 | 5 X 26 | 0Υ55 | 0832 | 6347 | 7≈54 7≈51 | 6 X 16 | 1 γ 50 | 1830 |
| 34S | 5중10 | 6≈24 | 4 ¥ 48 | 0Υ00 | 29Υ29 | 6궁05 | 7≈16 | 5 X 38 | 0Υ54 | 0826 | 6궁59 | 8≈08 | 6 ∺ 28 | 1 Υ 49 | 1824 |
| 35S | 5중22 | 6≈41 | 5 X 01 | 0Υ00 | 29Υ23 | 6중17 | 7≈33 | 5 X 50 | 0Υ54 | 0821 | 7ਰ11 | 8≈25 | 6 ∺ 40 | 1 Υ 48 | 1818 |
| 36S | 5ਰ35 | 6≈59 | 5 X 13 | 0 Υ 00 | 29Ƴ17 | 6중29 | 7≈51 | 6 ¥ 02 | 0Υ54 | 0815 | 7중24 | 8≈43 | 6 ¥ 52 | 1Υ48 | 1812 |
| 37S | 5ਰ47 | 7≈18 | 5 X 26 | 0Υ00 | 29 ℃ 11 | 6중42 | 8≈09 | 6 X 15 | 0Υ53 | 0809 | 7중36 | 9≈01 | 7 X 04 | 1Υ47 | 1806 |
| 38S | 6중01 | 7≈36 | 5 X 39 | 0Υ00 | 29Υ05 | 6중55 | 8≈28 | 6 X 28 | 0Υ53 | 0802 | 7349 | 9≈19 | 7 × 16 | 1Υ46 | 0859 |
| 39S | 6중14 | 7≈55 | 5 X 52 | 0Υ00 | 28 7 5 9 | 7중08 | 8≈46 | 6 X 40 | 0Υ53 | 29Υ56 | 8중03 | 9≈37 | 7 ¥ 28 | 1Υ45 | 0853 |
| 40S | 6 궁 28 6 궁 43 | 8≈15 8≈35 | 6¥06 | 0°00 0°00 | 28 \gamma 53 28 \gamma 46 | 7 る 22 | 9≈06 | 6 X 53 | 0 ° 52 0 ° 52 | 29 Y 49 29 Y 43 | 8중17 | 9≈56 | 7 X 41 | 1 ° 45 1 ° 44 | 0846 0839 |
| 41S 42S | 6중58 | 8≈55 | 6 X 19 6 X 33 | 0Υ00 0Υ00 | 28 Y 40 | 7중37 7중52 | 9≈25 9≈45 | 7 X 06 7 X 19 | 0Υ32 0Υ51 | 29 Y 43 29 Y 36 | 8 국 31 8 국 46 | 10≈16 10≈35 | 7 X 53 8 X 06 | 1 Υ 44 1 Υ 43 | 0839 |
| 43S | 7중13 | 9≈16 | 6 X 46 | 0Υ00 | 28 Y 33 | 8중07 | 10≈06 | 7 X 33 | 0Υ51 | 29Υ29 | 9중01 | 10≈56 | 8 X 19 | 1 γ 43 | 0825 |
| 44S | 7る29 | 9≈37 | 7 ∺ 00 | 0Υ00 | 28Ƴ26 | 8중23 | 10≈27 | 7 ∺ 46 | 0 Υ 51 | 29℃22 | 9817 | 11≈16 | 8 ∺ 32 | 1 Y 42 | 0817 |
| 45S | 7중46 | 9≈59 | 7 ∺ 14 | 0Υ00 | 28Ƴ19 | 8중40 | 10≈48 | 8 X 00 | 0Υ50 | 29Υ14 | 9중34 | 11≈38 | 8 X 45 | 1 Υ 41 | 0810 |
| 46S | 8중03 | 10≈22 | 7 ∺ 29 | 0Υ00 | 28Ƴ11 | 8중57 | 11≈11 | 8 X 14 | 0 Υ 50 | 29 Y 07 | 9 궁 51 | 11≈59 | 8 X 59 | 1 Ƴ 40 | 0802 |
| 47S | 8중22 | 10≈45 | 7 ¥ 43 | 0Υ00 | 28Y04 | 9중15 | 11≈33 | 8 X 28 | 0Υ49 | 28 Y 59 | 10중09 | 12≈22 | 9 X 12 | 1Υ39 | 29 Y 54 |
| 48S 49S | 8 3 41 9 3 00 | 11≈08 11≈33 | 7 ¥ 58 8 ¥ 13 | 0°00 0°00 | 27 Υ 56 27 Υ 48 | 9 궁 34 9 궁 54 | 11≈57 12≈21 | 8 X 42 8 X 57 | 0Ƴ49 0Ƴ49 | 28 Y 51 28 Y 42 | 10중28 10중47 | 12≈45 13≈08 | 9 X 26 9 X 40 | 1 \gamma 39 1 \gamma 38 | 29 ° 46 29 ° 37 |
| | | 11≈33 | | | | | | | | | | 13≈08 | | | |
| 50S 51S | 9 궁 21 9 궁 43 | 11≈58 12≈24 | 8 X 29 8 X 45 | 0°00 0°00 | 27 Y 39 27 Y 31 | 10중15 10중36 | 12≈45 13≈11 | 9 X 12 9 X 27 | 0Ƴ48 0Ƴ48 | 28 Y 34 28 Y 25 | 11 궁 08 11 궁 30 | 13≈33 13≈58 | 9 X 55 10 X 09 | 1 Y 37 1 Y 36 | 29 Y 28 29 Y 19 |
| 51S 52S | 10중06 | 12≈24 12≈50 | 9 X 43 | 0Υ00 0Υ00 | $\frac{27}{31}$ | 10~536 10~559 | 13≈11 | 9 X 27 | 0°7′48 0°747 | 28 Y 16 | 11등30 11등52 | 13≈38 | 10 X 09 | 1 Y 36 | 29 Y 19 |
| 53S | 10명31 | 13≈18 | 9×17 | 0Υ00 | 27Υ13 | 11324 | 14≈04 | 9 X 58 | 0Υ47 | 28Υ06 | 12316 | 14≈50 | 10 X 24 | 1 γ 34 | 29Υ00 |
| 54S | 10궁57 | 13≈46 | 9 ¥ 33 | 0Υ00 | 27Υ03 | 11궁49 | 14≈32 | 10 X 14 | 0Υ46 | 27Y56 | 12342 | 15≈18 | 10 ∺ 55 | 1Υ33 | 28Y50 |
| 55S | 11324 | 14≈16 | 9 + 51 | 0 Υ 00 | 26℃53 | 12중16 | 15≈01 | 10 ∺ 31 | 0Υ46 | 27 Y 46 | 13号09 | 15≈46 | 11 X 11 | 1 Y 32 | 28 Y 39 |
| 56S | 11공53 | 14≈46 | 10 ∺ 08 | 0 Υ 00 | 26Ƴ43 | 12중45 | 15≈31 | 10 ∺ 48 | 0Ƴ45 | 27 Y 35 | 13중37 | 16≈16 | 11 X 27 | 1 Y 31 | 28Y28 |
| 57S | 12324 | 15≈18 | 10 × 26 | 0Υ00 | 26Y32 | 13316 | 16≈02 | 11 X 05 | 0Υ45 | 27°24 | 14308 | 16≈46 | 11 X 44 | 1Υ30 | 28Y16 |
| 58S | 12358 | 15≈51 16×25 | 10 X 44 | 0000 | 26Υ21 26Υ20 | 13 る 50 | 16≈34 | 11 X 22 | 0Υ44 0Υ44 | 27Υ12 | 14341 | 17≈18 | 12 × 01 | 1 γ 29 | 28Y04 |
| 59S | 13334 | 16≈25 | 11 ¥ 03 | 0000 | 26°Y09 | 14325 | 17≈08 | 11 X 40 | 0Υ44 | 27Υ00 | 15316 | 17≈51 | 12 X 18 | 1γ28 | 27 Y 52 |
| 60S | 14궁14 14궁56 | 17≈01 17≈38 | 11 ¥ 42 | 0Y00 | 25 \gamma 56 25 \gamma 43 | 15 궁 04 | 17≈43 18≈19 | 11 X 59 | 0Υ43 | 26 ° 47 26 ° 34 | 15 공 55 | 18≈25 19≈01 | 12 ¥ 36 | 1 ° 27 1 ° 25 | 27 Y 38 27 Y 25 |
| 61S 62S | 14~556 15~544 | 17≈38 18≈17 | 11 X 42 12 X 02 | 0°00 0°00 | 25 \ \gamma 43 \\ 25 \ \gamma 30 \\ | 15 공 47 16 공 33 | 18≈19 18≈57 | 12 X 18 12 X 38 | 0 ° 42 0 ° 42 | 26 \ \ 26 \ \ 20 | 16 3 37 17 3 22 | 19≈01 19≈38 | 12 X 55 13 X 13 | 1 \cdot 25 | 27Υ·25 27Υ·10 |
| 63S | 16중36 | 18≈57 | 12 × 23 | 0Υ00 | 25Υ15 | 17 공 24 | 19≈37 | 12 × 58 | 0Υ41 | 26 Y 05 | 18313 | 20≈17 | 13 × 33 | 1 γ 23 | 26Y55 |
| 64S | 17ਰ34 | 19≈39 | 12 X 44 | 0Υ00 | 25Υ00 | 18322 | 20≈18 | 13 X 19 | 0Υ41 | 25Υ49 | 19중09 | 20≈58 | 13 ¥ 53 | 1Υ22 | 26Y39 |
| 65S | 18중41 | 20≈24 | 13 X 07 | 0 Υ 00 | 24Ƴ44 | 19る27 | 21≈02 | 13 X 40 | 0Υ40 | 25 Y 33 | 20중13 | 21≈40 | 14 X 14 | 1 Υ 20 | 26Y21 |
| 66S | 19궁58 | 21≈10 | 13 ¥ 30 | 0Υ00 | 24Ƴ27 | 20중42 | 21≈47 | 14 ∺ 02 | 0Υ39 | 25 Y 15 | 21궁26 | 22≈25 | 14 ∺ 35 | 1 Y 19 | 26Y03 |
| pc | 20중47 | 21≈37 | 13 X 43 | 0Υ00 | 24Ƴ17 | 21중30 | 22≈14 | 14 X 15 | 0Υ39 | 25 Y 05 | 22중12 | 22≈51 | 14 X 47 | 1 Y 18 | 25 Υ 53 |
| | | - | | ! | | | | ! | | | | - | | ! | |

| | Sid.Tir MC: | | 12m A 56'41 | RMC: 2 | 43°00' | Sid.Tir MC: | | 16m A | RMC: 2 | 244°00' | Sid.Tit MC: | | 20m A 50'14 | RMC: 2 | 245°00' |
|------------|----------------------------------|----------------|--|--------------------------------|----------------------------------|----------------------------------|----------------|--|------------------|--------------------|----------------------------------|----------------|--|---|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2ਰ45 | 0≈47 | 0 | 3 ⋎ 16 | 5817 | 3ਰ40 | 1≈45 | 2 X 00 | 4 Y 21 | 6819 | 4중35 | 2≈43 | 3 ¥ 03 | 5 Υ 26 | 7821 |
| 1S | 2853 | 1≈01 | 1 X 09 | 3Υ15 | 5812 | 3정48 | 1≈58 | 2 X 12 | 4Υ20 | 6814 | 4843 | 2≈56 | 3 ¥ 15 | 5Υ25 | 7815 |
| 2S | 3중01 | 1≈15 | 1 X 21 | 3Υ14 | 5807 | 3중56 | 2≈12 | 2 X 23 | 4Υ18 | 6809 | 4공51 | 3≈10 | 3 ¥ 26 | 5Υ23 | 7810 |
| 3S 4S | 3 궁 09 3 궁 17 | 1≈28 | 1 X 33 1 X 45 | 3 ° 13 3 ° 12 | 5802 4858 | 4 3 04 4 3 12 | 2≈26 2≈40 | 2 X 35 2 X 47 | 4Υ17 4Υ16 | 6804 5859 | 4궁59 5궁07 | 3≈24 | 3 ¥ 37 3 ¥ 48 | 5Υ21 5Υ20 | 7805 7800 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 3중25 3중33 | 1≈56 2≈10 | 1 × 57 2 × 09 | 3 ° 11 3 ° 10 | 4853 4848 | 4중20 4중28 | 2≈53 3≈07 | 2 X 58 3 X 09 | 4Υ15 4Υ13 | 5 8 54 | 5 日 15 5 日 23 | 3≈51 4≈04 | 3 × 59 4 × 10 | 5Υ18 5Υ17 | 6855 6850 |
| 7S | 3 ਰ 33 | 2≈24 | 2 X 20 | 3Υ09 | 4843 | 4336 | 3≈21 | 3 X 20 | 4Υ12 | 5844 | 5 3 31 | 4≈18 | 4×10 | 5Υ15 | 6845 |
| 8S | 3ਰ49 | 2≈37 | 2 X 32 | 3 ⋎ 08 | 4838 | 4344 | 3≈34 | 3 X 32 | 4Υ11 | 5839 | 5중39 | 4≈31 | 4 X 32 | 5Υ14 | 6840 |
| 9S | 3ਰ57 | 2≈51 | 2 X 43 | 3℃07 | 4834 | 4궁52 | 3≈48 | 3 X 43 | 4Υ10 | 5834 | 5ਰ47 | 4≈44 | 4 ¥ 42 | 5Υ12 | 6835 |
| 10S | 4중05 | 3≈05 | 2 X 54 | 3Υ06 | 4829 | 5중00 | 4≈01 | 3 X 53 | 4 ⋎ 08 | 5829 | 5ਰ55 | 4≈58 | 4 X 53 | 5Υ11 | 6830 |
| 11S | 4중13 | 3≈19 | 3 X 05 | 3℃05 | 4824 | 5号08 | 4≈15 | 4 ¥ 04 | 4 ℃ 07 | 5824 | 6중03 | 5≈11 | 5 X 03 | 5 Υ 09 | 6825 |
| 12S | 4중21 | 3≈32 | 3 X 17 | 3Υ04 | 4819 | 5중16 | 4≈29 | 4 X 15 | 4Υ06 | 5819 | 6중11 | 5≈25 | 5 X 14 | 5Υ07 | 6820 |
| 13S 14S | 4 궁 30 4 궁 38 | 3≈46 4≈00 | 3 X 28 3 X 39 | 3 Y 03 3 Y 02 | 4814 4809 | 5 중 25 5 중 33 | 4≈42 4≈56 | 4 X 26 4 X 36 | 4°05 4°03 | 5814 5809 | 6 3 20 6 3 28 | 5≈38 5≈52 | 5 X 24 5 X 34 | 5Υ06 5Υ04 | 6815 6810 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 4정47 4정55 | 4≈14 4≈28 | 3 ¥ 50 4 ¥ 01 | 3 Y 02 3 Y 01 | 4804 3859 | 5정42 5정50 | 5≈10 5≈23 | 4 X 47 4 X 58 | 4Υ02 4Υ01 | 5804 4859 | 6 궁 37 6 궁 45 | 6≈06 6≈19 | 5 X 44 5 X 55 | 5Υ03 5Υ01 | 6804 5859 |
| 17S | 5 3 04 | 4≈42 | 4)(01 4)(11 | 3Υ01 3Υ00 | 3854 | 5 3 59 | 5≈23 5≈37 | 5 X 08 | 4Υ01 4Υ00 | 4854 | 6공54 | 6≈33 | 6¥05 | 5Υ00 | 5 8 54 |
| 18S | 5중13 | 4≈56 | 4 × 22 | 2Υ59 | 3849 | 6중08 | 5≈51 | 5 X 19 | 3Υ59 | 4849 | 7중02 | 6≈47 | 6 X 15 | 4Υ58 | 5849 |
| 19S | 5중22 | 5≈10 | 4 ∺ 33 | 2か58 | 3844 | 6물16 | 6≈05 | 5 ¥ 29 | 3 Ƴ 57 | 4844 | 7중11 | 7≈01 | 6₩25 | 4 Ƴ 57 | 5843 |
| 20S | 531 | 5≈24 | 4 X 44 | 2Ƴ57 | 3839 | 6중25 | 6≈19 | 5 ¥ 40 | 3 Υ 56 | 4839 | 7중20 | 7≈15 | 6 ∺ 35 | 4 Y 55 | 5838 |
| 21S | 5궁40 | 5≈39 | 4 ¥ 55 | 2Υ56 | 3834 | 6ਰ34 | 6≈34 | 5 X 50 | 3 Υ 55 | 4834 | 7중29 | 7≈29 | 6 ¥ 45 | 4 Υ 54 | 5833 |
| 22S | 5 3 49 | 5≈53 | 5 × 06 | 2Υ55 | 3829 | 6344 | 6≈48 | 6 X 00 | 3Υ54 | 4828 | 7중38 | 7≈43 | 6 X 55 | 4Υ52 | 5827 |
| 23S 24S | 5 궁 58 6 궁 08 | 6≈08 6≈23 | 5 X 17 5 X 27 | 2°754 2°753 | 3824 3819 | 6 궁 53 7 궁 02 | 7≈02 7≈17 | 6 X 11 6 X 21 | 3Υ52 3Υ51 | 4823 4817 | 7 3 48 7 3 57 | 7≈57 8≈11 | 7 X 05 7 X 15 | 4Υ51 4Υ49 | 5822 5816 |
| | | | | | | | | | | | l . | | | | |
| 25S 26S | 6 궁 17 6 궁 27 | 6≈38 6≈53 | 5 X 38 5 X 49 | 2°752 2°751 | 3813 3808 | 7 3 12 7 3 22 | 7≈32 7≈47 | 6 ¥ 32 6 ¥ 42 | 3 ℃ 50 3 ℃ 49 | 4812 4806 | 8 3 07 8 3 17 | 8≈26 8≈41 | 7 ¥ 26 7 ¥ 36 | 4Υ48 4Υ46 | 5811 5805 |
| 27S | 6 3 37 | 7≈08 | 6¥00 | 2Υ50 | 3802 | 7822 | 7≈47 8≈02 | 6 X 53 | 3Υ47 | 4801 | 8 3 27 | 8≈55 | 7 X 46 | 4Υ44 | 4859 |
| 28S | 6 ਰ 47 | 7≈23 | 6 | 2Y50 | 2857 | 7중42 | 8≈17 | 7 ¥ 04 | 3Υ46 | 3855 | 8중37 | 9≈10 | 7 X 56 | 4Υ43 | 4853 |
| 29S | 6 궁 58 | 7≈39 | 6 ∺ 22 | 2Ƴ49 | 2851 | 7중53 | 8≈32 | 7 ∺ 14 | 3℃45 | 3849 | 8중47 | 9≈26 | 8 X 06 | 4 Ƴ 41 | 4848 |
| 30S | 7 る 09 | 7≈55 | 6₩33 | 2Ƴ48 | 2845 | 8중03 | 8≈48 | 7 ∺ 25 | 3Ƴ44 | 3844 | 8중58 | 9≈41 | 8 ₩ 17 | 4 Υ 40 | 4842 |
| 31S | 7중19 | 8≈11 | 6 ¥ 44 | 2 ° 47 | 2840 | 8중14 | 9≈04 | 7 ¥ 36 | 3Υ42 | 3838 | 9정08 | 9≈57 | 8 X 27 | 4Υ38 | 4835 |
| 32S | 7중31 | 8≈27 | 6 X 55 | 2Υ46 | 2834 | 8 궁 25 | 9≈20 | 7 ¥ 46 | 3Υ41 | 3832 | 9중19 | 10≈12 | 8 X 37 | 4Υ36 | 4829 4823 |
| 33S 34S | 7 3 42 7 3 54 | 8≈43 9≈00 | 7 X 07 7 X 18 | 2 ° 45 2 ° 44 | 2828 2822 | 8 궁 36 8 궁 48 | 9≈36 9≈52 | 7 ¥ 57 8 ¥ 08 | 3 ℃ 40 3 ℃ 38 | 3825 3819 | 9 궁 31 9 궁 42 | 10≈28 10≈45 | 8 X 48 8 X 58 | 4 Y 35 4 Y 33 | 4823 |
| 35S | 8중06 | 9≈17 | 7 ∺ 29 | 2Υ43 | 2816 | 9중00 | 10≈09 | 8 X 19 | 3Υ37 | 3813 | 9 공 54 | 11≈01 | 9 X 09 | 4Υ31 | 4810 |
| 36S | 8명18 | 9≈17 | 7 X 29 | 2 Υ 43 2 Υ 42 | 2809 | 9800 | 10≈09 | 8 X 30 | 3Υ36 | 3806 | 10중06 | 11≈01 | 9 X 20 | 4Υ30 | 4803 |
| 37S | 8중31 | 9≈52 | 7 X 53 | 2Υ41 | 2803 | 9중25 | 10≈44 | 8 X 42 | 3Υ34 | 3800 | 10궁19 | 11≈35 | 9 × 30 | 4Υ28 | 3857 |
| 38S | 8 공 44 | 10≈10 | 8 ∺ 04 | 2Ƴ40 | 1856 | 9 궁 38 | 11≈01 | 8 X 53 | 3Ƴ33 | 2853 | 10중32 | 11≈53 | 9 ∺ 41 | 4Υ26 | 3850 |
| 39S | 8중57 | 10≈28 | 8 | 2Ƴ38 | 1849 | 9중51 | 11≈19 | 9 X 04 | 3 Ƴ 31 | 2846 | 10중45 | 12≈10 | 9 X 52 | 4Υ24 | 3843 |
| 40S | 9 ਫ 11 | 10≈47 | 8 ∺ 28 | 2 Ƴ 37 | 1843 | 10중05 | 11≈38 | 9 ₩ 16 | 3 ⋎ 30 | 2839 | 10궁59 | 12≈28 | 10 ★ 03 | 4Υ23 | 3835 |
| 418 | 9중25 | 11≈06 | 8 X 40 | 2Υ36 | 1835 | 10궁19 | 11≈57 | 9 X 28 | 3Υ29 | 2832 | 11313 | 12≈47 | 10 × 15 | 4Υ21 | 3828 |
| 42S 43S | 9 궁 40 9 궁 55 | 11≈26 11≈46 | 8 X 53 9 X 05 | 2°735 2°734 | 1828 1821 | 10중34 10중49 | 12≈16 12≈35 | 9 X 39 9 X 51 | 3 ° 27 3 ° 26 | 2824 2817 | 11 궁 28 11 궁 43 | 13≈06 13≈25 | 10 ¥ 26 10 ¥ 38 | 4Υ19 4Υ17 | 3820 3812 |
| 44S | 10중11 | 12≈06 | 9 X 18 | 2Υ33 | 1813 | 11305 | 12≈55 12≈55 | 10 × 03 | 3Υ24 | 2809 | 11358 | 13≈45 | 10 × 49 | 4Υ15 | 3804 |
| 45S | 10중27 | 12≈27 | 9 | 2Ƴ32 | 1805 | 11중21 | 13≈16 | 10 X 16 | 3 Ƴ 22 | 2801 | 12315 | 14≈05 | 11 X 01 | 4Υ13 | 2856 |
| 46S | 10공45 | 12≈48 | 9 X 43 | 2Υ30 | 0857 | 11중38 | 13≈37 | 10 × 28 | 3Υ21 | 1853 | 12832 | 14≈26 | 11 X 13 | 4Υ11 | 2848 |
| 47S | 11중03 | 13≈10 | 9 ∺ 57 | 2Υ29 | 0849 | 11궁56 | 13≈59 | 10 ¥ 41 | 3Υ19 | 1844 | 12349 | 14≈47 | 11 X 25 | 4Υ09 | 2839 |
| 48S | 11 공 21 | 13≈33 | 10 X 10 | 2Υ28 | 0840 | 12314 | 14≈21 | 10 X 54 | 3Υ18 | 1835 | 13308 | 15≈09 | 11 X 38 | 4Υ07 | 2830 |
| 49S | 11341 | 13≈56 | 10 × 24 | 2 ° 27 | 0832 | 12중34 | 14≈44 | 11 X 07 | 3Υ16 | 1826 | 13327 | 15≈32 | 11 X 50 | 4Υ05 | 2821 |
| 50S | 12 る 01 | 14≈20 | 10 × 37 | 2°725 2°724 | 0823 | 12 공 54 | 15≈07 | 11 X 20 | 3 ° 14 3 ° 12 | 1817 | 13중47 14중08 | 15≈55 16≈19 | 12 ¥ 03 | 4Υ03 4Υ00 | 2811 2801 |
| 51S 52S | 12号23 12号45 | 14≈45 15≈10 | 10 X 52 11 X 06 | 2Υ/24 2Υ23 | 0813 0803 | 13중15 13중38 | 15≈32 15≈57 | 11 X 34 11 X 48 | 3 γ 12 3 γ 10 | 1807 0857 | 14 5 08 14 궁 31 | 16≈19 | 12 ¥ 16 12 ¥ 30 | 3Υ58 | 1851 |
| 53S | 13309 | 15≈36 | 11 X 21 | 2Υ21 | 29 Y 53 | 14중02 | 16≈22 | 12 × 02 | 3Υ09 | 0847 | 14854 | 17≈08 | 12 × 43 | 3Υ56 | 1840 |
| 54S | 13중34 | 16≈03 | 11 X 36 | 2Ƴ20 | 29Ƴ43 | 14궁27 | 16≈49 | 12 ¥ 16 | 3Ƴ07 | 0836 | 15중19 | 17≈34 | 12 ¥ 57 | 3 Y 53 | 1829 |
| 55S | 14중01 | 16≈31 | 11 X 51 | 2 ⋎ 18 | 29Ƴ32 | 14궁53 | 17≈16 | 12 ¥ 31 | 3℃05 | 0824 | 15845 | 18≈01 | 13 X 11 | 3 Y 51 | 1817 |
| 56S | 14궁29 | 17≈00 | 12 X 07 | 2 Υ 17 | 29Ƴ20 | 15중21 | 17≈45 | 12 X 46 | 3 ⋎ 03 | 0813 | 16중13 | 18≈29 | 13 ¥ 26 | 3 ⋎ 48 | 1805 |
| 57S | 15중00 | 17≈30 | 12 ¥ 23 | 2Υ15 | 29 ⋎ 08 | 15중51 | 18≈14 | 13 × 02 | 3Υ01 | 0801 | 16중43 | 18≈58 | 13 X 41 | 3Υ46 | 0853 |
| 58S 59S | 15 궁 32 16 궁 07 | 18≈01 18≈34 | 12 ¥ 39 12 ¥ 56 | 2 ° 14 2 ° 12 | 28 Y 56 28 Y 43 | 16중23 16중58 | 18≈45 19≈17 | 13 ¥ 18 13 ¥ 34 | 2Υ58 2Υ56 | 29 ° 48 29 ° 34 | 17 る 14 17 る 49 | 19≈28 20≈00 | 13 X 56 14 X 12 | 3 Υ 43 3 Υ 40 | 0839 0826 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 16 궁 45 17 궁 26 | 19≈07 19≈42 | 13 ¥ 13 13 ¥ 31 | 2 ° 10 2 ° 08 | 28 Y 29 28 Y 15 | 17 る 35 18 る 16 | 19≈50 20≈24 | 13 ¥ 50 14 ¥ 07 | 2Υ54 2Υ51 | 29°20 29°06 | 18 궁 26 19 궁 06 | 20≈32 21≈06 | 14 ¥ 28 14 ¥ 44 | 3 ℃ 37 3 ℃ 34 | 0811 29Υ56 |
| 62S | 17 5 26 18 중 11 | 19≈42 20≈19 | 13 X 31 | 2Υ·08 2Υ·07 | 28 Y 13 | 19중00 | 20≈24 21≈00 | 14 X 07 | 2Υ31 2Υ49 | 29 Y 06 28 Y 50 | 19806 | 21≈06 21≈41 | 14 X 44 15 X 01 | 3 \ \gamma | 29°7'36 29°7'40 |
| 63S | 19중01 | 20≈57 | 14 × 08 | 2Υ05 | 27 Y 44 | 19849 | 21≈37 | 14 X 43 | 2Υ46 | 28 Y 34 | 20중37 | 22≈17 | 15 X 18 | 3Υ28 | 29Y23 |
| 64S | 19궁56 | 21≈37 | 14 ∺ 27 | 2か03 | 27Ƴ28 | 20중43 | 22≈16 | 15 ∺ 02 | 2Ƴ44 | 28 Ƴ 17 | 21궁30 | 22≈56 | 15 ∺ 36 | 3 Ƴ 25 | 29 Y 05 |
| 65S | 20궁59 | 22≈19 | 14 X 47 | 2 Y 01 | 27Ƴ10 | 21중44 | 22≈57 | 15 ¥ 21 | 2 Y 41 | 27 Y 58 | 22중30 | 23≈36 | 15 X 54 | 3 Y 21 | 28 Y 47 |
| 66S | 22중10 | 23≈02 | 15 ∺ 08 | 1 7 58 | 26 Υ 51 | 22궁54 | 23≈40 | 15 ¥ 41 | 2 Y 38 | 27 Y 39 | 23중38 | 24≈18 | 16 ¥ 14 | 3Υ18 | 28 Y 27 |
| pc | 22궁55 | 23≈28 | 15 ∺ 20 | 1 ℃ 57 | 26Ƴ40 | 23중37 | 24≈05 | 15 X 52 | 2Υ36 | 27 Y 28 | 24중20 | 24≈42 | 16 ¥ 24 | 3Υ16 | 28 Y 15 |

| SE SC SC SC SC SC SC SC | | id.Tin IC: | | 24m A 6'50 | RMC: 2 | 46°00' | Sid.Tin MC: | | 28m A 3'18 | RMC: 2 | 247°00' | Sid.Tir MC: | | 32m A 9'39 | RMC: 2 | .48°00' |
|---|----|---------------|--------|--------------------|---------------|---------|----------------|---------|--------------------|---------------|---------|----------------|--------|--------------------|--------------------------------|----------------|
| SE SE 285 3640 4417 6730 8817 6733 4852 5841 7735 9818 7828 5840 6842 4839 6726 8866 6549 5849 5849 7739 9807 7844 6847 6844 8845 6704 8435 4850 6724 8806 6549 5849 5842 7739 9807 7844 6847 6844 8856 6868 6868 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 6845 7869 | | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 28 5246 4-w08 44/28 6728 88/12 64/39 58/12 59/32 7973 9913 7816 6w14 6w14 6w14 6w14 6w14 6w14 6w14 6w17 6w16 6w16 6w29 5w12 5w22 7928 9802 7828 6w16 7w28 8w17 8w0 6w14 6w16 7w28 8w15 8w16 6w22 7w18 7w16 6w16 7w28 8w52 8w57 8w0 6w15 6w16 7w16 7w16 6w26 6w12 7w18 8w16 8w16 6w17 7w13 8w16 8w17 7w13 7w18 8w18 8w16 7w17 8w13 7w18 7w18 8w17 8w18 8w17 7w18 8w17 8w18 8w18 9w18 7w18 8w18 9w18 8w18 8w18 8w18 < | 5 | 530 | 3≈41 | 4 ∺ 06 | 6 Ƴ 32 | 8822 | 6궁25 | 4≈39 | 5 X 10 | 7 Ƴ 37 | 9823 | 7云20 | 5≈38 | 6 ∺ 13 | 8Ƴ42 | 10824 |
| Sect | | | | | | | | | | | | | | | 8 Ƴ 39 | 10819 |
| Section Sect | | | | | | | | | | | | | | | 8 ⋎ 37 | 10814 |
| 85 6810 6840 5800 68711 6920 7806 7808 7800 68711 7801 6882 8851 8801 5811 6970 7811 6802 6822 5823 5882 6831 6971 7812 6822 6822 5823 6831 6971 7815 7827 6822 7822 7823 8841 8861 7861 7821 7827 6828 6842 7971 8841 8841 7827 7823 7836 7836 7836 7842 7823 7846 6842 7971 8843 8843 8847 7846 7842 7843 7846 7842 7741 8843 8844 8847 7848 8843 8844 8840 7840 7842 7840 7842 7840 7842 7840 7842 7842 7842 7842 7842 7842 7842 7842 8843 8842 8843 8844 7844 7843 8843 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>8 Y 34 8 Y 32</th><th>10808 10803</th></th<> | | | | | | | | | | | | | | | 8 Y 34 8 Y 32 | 10808 10803 |
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| 78 6626 b. 5641 b. 5712 b. 6718 b. 7246 b. 7821 b. 6842 b. 7841 b. 7842 b. 7843 b. 7842 b. 7842 b. 7842 b. 7843 b. 7840 b. 7843 b. 784 | _ | | | | | | | | | | | | | | 8 Y 29 8 Y 27 | 9858 9852 |
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| 165 | | | | | | | | | | | | | | | 8 Υ 05 | 9803 |
| 178 | | | | | | | | | | | | | | | 8Υ03 8Υ02 | 8858 |
| 1985 8760 7456 7421 5756 6843 9801 8851 88417 6756 7442 9556 9847 9813 5758 6837 9840 9820 8838 8842 8824 8824 8740 5753 6832 9819 9819 8836 6763 7831 10741 10841 10841 98431 5288 8742 8825 8800 5749 6821 9327 9840 8845 67649 7825 10723 10821 10841 98431 5285 5825 9806 8810 5747 6815 9747 10800 99404 6745 7819 10723 10821 10841 9849 2485 8752 9806 8810 5747 6815 9747 10800 99404 6745 7814 10741 10855 99488 9838 9849 9849 8849 5740 6815 9847 10800 99404 6745 7814 10741 10855 99488 9849 9849 8849 5740 5852 10756 10829 9822 6741 7802 11760 11823 10846 7828 9849 8849 5740 5852 10756 10828 9841 67436 6859 11760 11823 10846 7828 9849 8849 5740 5852 10756 10828 9841 67436 6859 11760 11823 10842 9849 | | | | | | | | | | | | | | | 8Υ00 | 8852 |
| 208 | | | | | | | | | | | | | | | 7 Υ 57 | 8847 |
| 21S 8824 88-24 7140 5753 6832 9919 9810 88,36 6761 7083 10814 108-14 9841 243 22S 8838 88-88 78,76 6871 9832 9845 6747 7819 10832 108-41 9849 24S 8852 9806 8710 5747 6815 9837 9846 8854 66747 7819 108-32 108-41 9849 25S 9601 98-20 8819 5745 6809 9556 108-14 9413 6743 7808 108-11 118-09 10707 26S 9611 98-25 8849 5748 6803 108-06 108-29 9422 6741 7808 108-11 118-21 108-20 948 8878 6840 108-20 118-21 108-20 118-21 108-20 118-21 108-20 108-20 108-20 108-20 108-20 108-20 108-20 108-20 | | | 7≈56 | 7 ∺ 21 | | | 9중01 | 8≈51 | | 6Υ56 | 7842 | | 9≈47 | | 7 Υ 55 | 8841 |
| 228 S 883 S 8840 S 7450 S 5751 S 6826 S 928 S 932 S 8845 S 6749 S 7023 D 1023 D 1023 D 1024 D | | | | | | | | | | | | | | | 7Υ53 | 8835 |
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| 248 | | | | | | | | | | | _ | | | | 7°48 | 8818 |
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| 288 9831 10e04 8H49 5740 5852 10826 10e36 9H41 6736 6850 11e32 10H34 7 298 9842 10∞19 8H58 5738 5846 10836 11∞13 9H51 6734 6843 11831 12∞06 10H43 7 308 9852 10∞34 9H08 5736 5839 10E37 11∞43 10H010 6729 6831 11E32 12∞36 11H01 7 318 10E03 10∞50 9H18 5734 5833 10E57 11∞43 10H010 6729 6831 11E52 12∞36 11H01 7 338 10E37 11∞37 9H29 5732 5827 11E08 11∞58 10H19 6727 6824 12E33 12∞51 11H10 7 338 10E37 11∞37 9H39 5728 5814 11E31 12∞29 10H39 6722 6811 12E31 13∞60 11H20 7 348 10E37 11∞37 9H49 5728 5814 11E31 12∞29 10H39 6722 6811 12E31 13∞22 11H29 7 348 10E37 11∞37 9H49 5728 5814 11E31 12∞29 10H39 6722 6811 12E31 13∞22 11H29 7 348 10E37 11∞10 10H09 5724 5800 11E55 13∞02 10H58 6718 5850 13E01 14∞10 11H57 7 398 11E31 12∞27 10H19 5722 4853 12E07 13∞18 11H08 6715 5850 13E01 14∞10 11H57 7 398 11E39 13∞01 10H40 5717 4839 12E30 13∞53 11H29 6710 5835 13E27 14∞44 12H17 7 408 11E53 13∞19 10H51 5715 4832 12E37 13∞18 11H39 6708 5828 13E41 15∞01 12H26 7 418 12E301 13∞37 11×02 5713 4824 13E01 14∞28 11H49 6705 5820 13E34 15∞10 12H26 7 418 12E32 14∞35 11H30 5711 4816 13E15 14∞46 12H00 1H39 6705 5840 13E34 15∞01 12H26 7 483 12E36 14∞15 11H24 5709 4808 13E01 15∞05 12H10 6700 5804 14E31 15∞51 12H38 13H30 14∞10 15∞15 12H30 15∞15 15∞15 11H58 5701 3843 14E30 15∞45 12H21 5772 4855 14E33 13H29 15∞15 11H58 5701 3843 14E30 15∞24 12H21 5743 5752 4888 15E21 16∞53 13H29 15∞15 11H58 5701 3843 14E30 15∞24 12H31 5743 15∞55 14H31 5000 13E44 15E31 17∞0 13H17 66 12H3 4709 12H34 14H00 11H350 6744 14H00 15W31 14W31 15w31 17∞3 13H39 15w31 12H2 4766 3824 14E31 17∞3 13H39 5744 5855 14E31 17∞0 13H31 14W31 5773 3848 16E46 13W31 5743 13H30 14W21 5 | | | | | | | | | | | | | | | 7Υ38 | 8800 |
| 298 | | | | | | | | | | | | | 11≈37 | | 7 Ƴ 35 | 7854 |
| 30S 9752 10≈34 9708 5736 5839 10747 11≈27 10±00 6732 6837 11±41 12≈21 10±52 315 10±30 91±18 5734 5833 10±57 11≈43 10±10 6727 6831 11±52 12≈36 11±01 3251 10±35 3251 10±11 11≈05 3251 | | | | | | | | | | | | | | | 7Υ33 | 7848 |
| 31S 10503 10505 9H18 5Y34 5833 10577 11843 10710 6727 6831 11552 12836 11140 338 10625 11821 9H28 5Y32 5827 11808 11858 10H19 6727 6824 12801 12861 11110 338 10625 11821 9H38 5Y30 5820 11813 12829 10H39 6722 6811 12523 13822 11120 13861 11821 12839 6722 6811 12535 13822 111829 3383 11833 9H39 5Y26 5807 11843 12845 10849 6Y22 6811 12837 13838 111483 3383 11833 9H39 5Y22 4853 12807 13881 11808 6Y18 5857 12849 13831 11848 7338 11833 13831 1010 11843 12845 11848 6Y13 5843 13614 14827 12477 3383 11833 | | | | | | | | | | | | | | | 7 Y 30 | 7841 |
| 328 10814 11#05 9#28 5793 5827 11#08 11#58 10#19 6727 6824 12#03 12#01 11#10 13#01 10#25 13#01 11#10 13#01 11# | | | | | | | | | | | | | | | 7 ° 28 | 7835 |
| 338 10\(\overline{\overline{338}\$ 11\(overline{237}\$ 11\(overline{338}\$ 11\(overline{338}\$ 13\(overline{338}\$ 11\(overline{338}\$ 13\(overline{338}\$ 13\(overlin | | | | | | | | | | | | | | | 7 ° 25 7 ° 22 | 7828 7822 |
| 348 10\overline{A} 11\overline{A} 11\overline{A} 39\overline{A} 99\overline{A} 59\overline{A} | | | | | | | | | | | | | | | 7Υ20 | 7815 |
| 36S 11801 12 \(\alpha 1 \) 10 \(\mathrm{14} 10 \) 10 \(\mathrm{15} 5 \) 5 \(\alpha 2 \) 10 \(\mathrm{15} 5 \) 13 \(\alpha 0 2 \) 10 \(\mathrm{15} 5 \) 13 \(\alpha 0 1 \) 11 \(\mathrm{15} 5 \) 13 \(\alpha 0 1 \) 11 \(\mathrm{15} 5 \) 13 \(\alpha 0 1 \) 11 \(\mathrm{15} 5 \) 13 \(\mathrm{15} 1 \) 11 \(\mathrm{15} 5 \) 13 \(\mathrm{15} 1 \) 11 \(| 10 |) ਤ 37 | 11≈37 | 9 X 49 | 5Ƴ28 | | 11중31 | 12≈29 | 10 ∺ 39 | 6Υ22 | 6811 | 12중25 | 13≈22 | 11 X 29 | 7 Ƴ 17 | 7808 |
| 378 | 10 |) ਤ48 | 11≈53 | 9 X 59 | 5Ƴ26 | 5807 | 11궁43 | 12≈45 | 10 ¥ 49 | 6 Υ 20 | 6804 | 12云37 | 13≈38 | 11 ∺ 38 | 7 Υ 14 | 7801 |
| 388 11 626 12 44 10 30 5 720 4846 12 520 13 35 11 11 8 6 713 5843 13 61 14 14 27 12 17 7 398 11 63 91 13 201 10 14 0 5 717 48 39 12 63 3 13 25 3 11 11 18 6 710 5835 13 627 14 24 4 12 17 7 3 4 18 11 16 2 13 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | 7 Υ 12 | 6854 |
| 398 11 339 13 \inc 01 10 10 40 5 \tau 17 4 339 12 333 13 \inc 53 11 129 6 \tau 10 5 535 13 \inc 27 14 \inc 444 12 17 7 7 7 7 7 7 7 7 | | | | | | | | | | | _ | | l | | 7Υ09 | 6847 |
| 408 11 55 3 13 ≈ 19 10 ⊬ 51 5 | | | | | | _ | | | | | | | | | 7 Υ 06 7 Υ 03 | 6839 6832 |
| 41S 12\(207) 13\(\arphi 37 \) 11\(\mathred 20 \) 5\(\gamma 13 \) 4\(\arphi 48 \) 13\(\arphi 01 \) 14\(\arphi 28 \) 11\(\arphi 49 \) 6\(\gamma 05 \) 5\(\arphi 20 \) 13\(\arphi 54 \) 15\(\arphi 19 \) 12\(\arphi 36 \) 6\(\arphi 22 \) 13\(\arphi 56 \) 11\(\arphi 13 \) 5\(\gamma 11 \) 11\(\arphi 28 \) 5\(\gamma 11 \) 4\(\arphi 16 \) 13\(\arphi 15 \) 13\(\arphi 35 \) 11\(\arphi 35 \) 5\(\gamma 10 \) 13\(\arphi 06 \) 13\(\arphi 05 \) 12\(\arphi 10 \) 5\(\gamma 06 \) 13\(\arphi 05 \) 12\(\arphi 10 \) 5\(\gamma 06 \) 14\(\arphi 05 \) 12\(\arphi 16 \) 13\(\arphi 05 \) 11\(\arphi 35 \) 5\(\gamma 06 \) 4\(\arphi 06 \) 13\(\arphi 46 \) 15\(\arphi 24 \) 12\(\arphi 35 \) 14\(\arphi 35 \) 11\(\arphi 35 \) 5\(\gamma 06 \) 4\(\arphi 06 \) 13\(\arphi 46 \) 15\(\arphi 24 \) 12\(\arphi 35 \) 14\(\arphi 35 \) 11\(\arphi 35 \) 5\(\gamma 06 \) 4\(\arphi 06 \) 13\(\arphi 46 \) 15\(\arphi 46 \) 15\(\arphi 47 \) 13\(\arphi 35 \) 11\(\arphi 47 \) 5\(\gamma 04 \) 3\(\arphi 31 \) 14\(\arphi 06 \) 15\(\arphi 44 \) 12\(\arphi 36 \) 13\(\arphi 36 \) 11\(\arphi 47 \) 5\(\gamma 04 \) 3\(\arphi 31 \) 14\(\arphi 06 \) 12\(\arphi 36 \) 13\(\arphi 36 \) 12\(\arphi 10 \) 4\(\gamma 59 \) 3\(\arphi 34 \) 14\(\arphi 36 \) 16\(\arphi 04 \) 13\(\arphi 36 \) 1 | | | | | | | | | | | | | | | 7Υ00 | 6824 |
| 428 | | | | | | | | | | | | | | | 6Υ57 | 6816 |
| 44S 12 \(\frac{12}{3} \) 14 \(\frac{13}{3} \) 11 \(\frac{13}{3} \) 5 \(\frac{10}{6} \) 4 \(\frac{10}{3} \) 12 \(\frac{12}{3} \) 5 \(\frac{15}{3} \) 4 \(\frac{15}{3} \) 14 \(\frac{15}{3} \) 15 \(\frac{15}{3} \) 17 \(\frac{15}{3 | | | | | | | | | | | | | | | 6Υ54 | 6808 |
| 45S 13 808 14 \$\insightarrow\$ 11 1 47 5 \text{\$\text{\$\frac{14}{9}\$}\$ 3 \text{\$\text{\$\frac{14}{9}\$}\$ 15 \$\insightarrow\$ 15 \$\insightarrow\$ 15 \$\insightarrow\$ 15 \$\insightarrow\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 15 \$\insightarrow\$ 15 \$\insightarrow\$ 12 \text{\$\text{\$\frac{14}{9}\$}\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 15 \$\insightarrow\$ 15 \$\insightarrow\$ 12 \text{\$\text{\$\frac{14}{9}\$}\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 14 \text{\$\text{\$\frac{14}{9}\$}\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 13 \text{\$\text{\$\frac{14}{9}\$}\$ 14 \text{\$\text{\$\frac{14}{9}\$}\$ 14 \text{\$\text{\$\frac{14}{9}\$}\$ 14 \$ | | | 14≈15 | 11 ¥ 24 | | 4808 | | 15≈05 | 12 ¥ 10 | 6 Υ 00 | 5804 | 14궁24 | 15≈55 | | 6Y51 | 5859 |
| 46S 13 ± 25 15 ± 15 11 ± 58 5 ♥ 01 3 ± 43 14 ± 18 16 ± 04 12 ± 43 5 ♥ 52 4 ± 38 15 ± 12 16 ± 53 13 ± 28 6 47S 13 ± 43 15 ± 36 12 ± 10 4 ♥ 59 3 ± 34 14 ± 36 16 ± 24 12 ± 54 5 ♥ 49 4 ± 28 15 ± 29 17 ± 13 13 ± 39 6 48S 14 ± 01 15 ± 57 12 ± 22 4 ♥ 56 3 ± 24 14 ± 54 16 ± 46 13 ± 06 5 ♥ 46 4 ± 19 15 ± 47 17 ± 34 13 ± 50 6 49S 14 ± 0 16 ± 19 12 ± 34 4 ♥ 54 3 ± 15 15 ± 31 17 ± 30 13 ± 17 5 ♥ 44 4 ± 09 16 ± 60 17 ± 55 14 ± 10 6 50S 14 ± 40 16 ± 42 12 ± 46 4 ♥ 51 3 ± 05 15 ± 33 17 ± 30 13 ± 29 5 ♥ 40 3 ± 59 16 ± 626 18 ± 17 14 ± 12 6 51S 15 ± 61 17 ± 60 17 ± 60 12 ± 59 1 | 12 | 2렁52 | 14≈35 | 11 ¥ 35 | 5Υ06 | 4800 | 13중46 | 15≈24 | 12 ∺ 21 | 5 Υ 57 | 4855 | 14339 | 16≈14 | 13 X 07 | 6Ƴ48 | 5851 |
| 478 13 | | | | | | | | | | | | | | | 6Υ45 | 5842 |
| 48S 14\overline{A}01 15\overline{S}7 12\overline{A}22 4\overline{S}6 3\overline{B}24 14\overline{S}54 16\overline{A}46 13\overline{A}66 5\overline{A}46 4\overline{B}19 12\overline{A}34 4\overline{S}56 3\overline{B}24 14\overline{B}546 3\overline{B}24 14\overline{B}546 13\overline{A}66 15\overline{A}42 12\overline{A}46 4\overline{S}51 15\overline{B}33 17\overline{A}30 13\overline{A}29 5\overline{A}40 3\overline{B}59 4\overline{A}49 2\overline{B}555 15\overline{B}533 17\overline{A}30 13\overline{A}29 5\overline{A}40 3\overline{B}59 4\overline{A}49 2\overline{B}555 15\overline{B}544 17\overline{A}533 13\overline{A}41 5\overline{A}737 3\overline{A}48 16\overline{A}46 18\overline{A}47 14\overline{A}424 6\overline{A}42 12\overline{A}449 2\overline{B}555 15\overline{B}544 17\overline{A}533 13\overline{A}41 5\overline{A}733 3\overline{A}48 16\overline{A}46 2\overline{A}44 16\overline{B}544 16\overline{B}544 16\overline{B}544 16\overline{B}544 16\overline{B}544 16\overline{B}544 16\overline{B}544 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>6Υ42</th><th>5832</th></td<> | | | | | | | | | | | | | | | 6Υ42 | 5832 |
| 498 14820 16≈19 12 ± 34 | | | | | | | | | | | l | | | | 6Ƴ39 6Ƴ35 | 5823 5813 |
| 50S 14 ∃ 40 16 ≈ 42 12 ± 46 4 ↑ 51 3 ₺ 05 15 ∃ 33 17 ≈ 30 13 ± 29 5 ↑ 40 3 ₺ 59 16 ∃ 26 18 ≈ 17 14 ± 12 6 51S 15 ∃ 01 17 ≈ 06 12 ± 59 4 ↑ 49 2 ₺ 55 15 ∃ 54 17 ≈ 53 13 ± 41 5 ↑ 37 3 ₺ 48 16 ∃ 64 18 ≈ 40 14 ± 24 6 52S 15 ∃ 23 17 ≈ 30 13 ± 12 4 ↑ 46 2 ₺ 44 16 ∃ 15 18 ≈ 16 13 ± 53 5 ↑ 34 3 ₺ 38 17 ∃ 08 19 ≈ 03 14 ± 35 6 53S 15 ∃ 46 17 ≈ 54 13 ± 25 4 ↑ 43 2 ₺ 33 16 ∃ 39 18 ≈ 41 14 ± 06 5 ↑ 30 3 ₺ 26 17 ∃ 31 19 ≈ 27 14 ± 47 6 54S 16 ∃ 37 18 ≈ 47 13 ± 52 4 ↑ 47 2 ₺ 10 17 ∃ 29 19 ≈ 32 14 ± 32 5 ↑ 23 3 ₺ 02 18 ∃ 20 20 ≈ 17 15 ± 12 6 55S 16 ∃ 37 18 ≈ 47 13 ± 52 4 ↑ 31 18 | | | | | | | | | | | | | | | 6Υ32 | 5803 |
| 51S 15≅01 17≈06 12¥59 4Y49 2855 15₹54 17≈53 13¥41 5Y37 3848 16₹46 18≈40 14¥24 6 52S 15₹323 17≈30 13¥12 4Y46 2844 16₹15 18≈16 13¥53 5Y34 3838 17₹08 19≈03 14¥35 6 53S 15₹46 17≈54 13¥25 4Y43 2833 16₹39 18≈41 14¥06 5Y30 3826 17₹31 19≈27 14¥47 6 54S 16₹31 18≈20 13¥38 4Y40 2822 17₹30 19≈06 14¥19 5Y27 3815 17₹55 19≈51 15¥00 6 55S 16₹37 18≈47 13¥52 4Y37 2810 17₹56 19≈59 14¥45 5Y23 3802 18₹30 20≈17 15¥12 6 56S 17₹34 19≈42 14¥20 4Y31 1844 18₹25 20≈27 14¥59 5Y16 2836 19₹1 | | | | | | | | 17≈30 | | | | 16중26 | | | 6 Υ 29 | 4853 |
| 538 15 ∃ 46 17 ≈ 54 13 ≈ 25 4 ≈ 43 2 ⊗ 33 16 ∃ 39 18 ≈ 41 14 ≈ 40 5 ≈ 30 3 ⊗ 26 17 ∃ 31 19 ≈ 27 14 ≈ 47 6 54S 16 ∃ 11 18 ≈ 20 13 ≈ 38 4 ≈ 40 2 ⊗ 22 17 ∃ 30 19 ≈ 06 14 ≈ 19 5 ≈ 27 3 ⊗ 15 17 ∃ 55 19 ≈ 51 15 ≈ 40 6 55S 16 ∃ 37 18 ≈ 47 13 ≈ 52 4 ≈ 37 2 ⊗ 10 17 ∃ 29 19 ≈ 32 14 ≈ 32 5 ≈ 23 3 ⊗ 02 18 ∃ 20 20 ≈ 17 15 ⊭ 12 6 56S 17 ∃ 04 19 ≈ 14 14 ≈ 60 4 ≈ 34 1 ⊗ 57 17 ∃ 56 19 ≈ 59 14 ≈ 45 5 ≈ 20 2 ⊗ 50 18 ∃ 47 20 ≈ 43 15 ≈ 25 6 57S 17 ∃ 34 19 ≈ 42 14 ≈ 20 4 ≈ 31 18 ∃ 25 20 ≈ 27 14 ≈ 59 5 ≈ 16 2 ⊗ 36 19 ∃ 16 21 ≈ 11 15 ≈ 38 6 58S 18 ∃ 39 20 ≈ 12 14 × 49 4 ≈ 24 18 ∃ 1 18 | 15 | ਰ01 | | | | | | | | | | | | | 6Υ25 | 4842 |
| 54S 16∃11 18≈20 13 ± 38 4 ± 40 2 ± 22 17∃03 19≈60 14±19 5 ± 27 3 ± 15 17∃55 19≈51 15±00 6 55S 16∃37 18≈47 13±52 4 ± 37 2 ± 10 17∃29 19≈32 14±32 5 ± 23 3 ± 02 18∃20 20≈17 15±12 6 56S 17∃04 19≈14 14±06 4 ± 34 1 ± 57 17∃56 19≈59 14±45 5 ± 20 2 ± 50 18∃47 20≈43 15±25 6 57S 17∃34 19≈42 14±20 4 ± 31 1 ± 44 18∃25 20≈27 14±59 5 ± 16 2 ± 36 19∃16 21≈11 15±38 6 58S 18∃05 20≈12 14±34 4 ± 28 1 ± 31 18∃56 20≈55 15±13 5 ± 12 2 ± 22 19∃47 21≈39 15±51 5 59S 18∃39 20≈42 14±49 4 ± 24 1 ± 17 19∃29 21≈25 15±27 5 ± 09 2 ± 08 | | | | | | | | | | | | | | | 6Υ21 | 4831 |
| 55S 16 37 18 × 47 13 × 52 4 ° 37 2 ⊗ 10 17 ≅ 29 19 ≈ 32 14 × 32 5 ° 23 3 ⊗ 02 18 ≅ 20 20 ≈ 17 15 × 12 6 56S 17 ≅ 04 19 ≈ 14 14 × 06 4 ° 34 18 ≅ 7 17 ≅ 56 19 ≈ 59 14 × 45 5 ° 20 2 ⊗ 50 18 ≅ 47 20 ≈ 43 15 × 12 6 57S 17 ≅ 34 19 ≈ 42 14 × 20 4 ° 31 18 ⁴ 44 18 ≅ 25 20 ≈ 27 14 × 59 5 ° 16 2 ⊗ 36 19 ≅ 16 21 ≈ 11 15 × 38 6 58S 18 ≅ 05 20 ≈ 12 14 × 34 4 ° 28 18 ≅ 13 18 ≅ 56 20 ≈ 55 15 × 13 5 ° 12 28 ≥ 22 19 ≅ 47 21 ≈ 39 15 × 51 5 59S 18 ≅ 39 20 ≈ 42 14 × 49 4 ° 24 18 17 19 ≅ 29 21 ≈ 25 15 × 27 5 ° 009 2 ⊗ 08 20 ≅ 20 22 ≈ 08 16 × 05 5 60S 19 ≅ 15 21 ≈ 14 15 × 05 4 ° 21 18 | | | | | | | | | | | | | | | 6Υ18 | 4819 |
| 56S 17∃04 19≈14 14₩66 4₹34 18∃57 17∃56 19≈59 14₩45 5₹20 2850 18∃47 20≈43 15₩25 6 57S 17∃34 19≈42 14₩20 4₹31 1844 18∃25 20≈27 14₩59 5₹16 2836 19∃16 21≈11 15₩38 6 58S 18∃05 20≈12 14₩34 4₹28 1831 18∃56 20≈55 15₩13 5₹12 2822 19∃47 21≈39 15₩51 5 59S 18∃39 20≈42 14₩49 4₹24 1817 19∃29 21≈25 15₩27 5₹09 2808 20∃20 22≈88 16₩05 5 60S 19∃15 21≈14 15₩05 4₹21 1802 20∃05 21≈57 15₩42 5₹04 1853 20∃55 22≈39 16₩19 5 61S 19∃55 21≈47 15₩20 4₹17 0846 20∃44 22≈29 15₩57 5₹00 1837 21∃ | | | | | | | | | | | | | | | 6Υ14 | 4807 |
| 57S 17∃34 19≈42 14 ± 20 4 ± 31 18∃4 18∃25 20≈27 14 ± 59 5 ± 16 2836 19∃16 21≈11 15 ± 38 6 58S 18∃05 20≈12 14 ± 34 4 ± 28 18∃31 18∃56 20≈55 15 ± 13 5 ± 12 2822 19∃47 21≈39 15 ± 51 5 59S 18∃39 20≈42 14 ± 49 4 ± 24 1 ± 17 19∃29 21≈25 15 ± 27 5 ± 09 2 ± 08 20∃20 22≈08 16 ± 05 5 60S 19∃15 21≈14 15 ± 05 4 ± 21 1 ± 02 20∃05 21≈57 15 ± 42 5 ± 04 1 ± 53 20∃55 22≈39 16 ± 19 5 61S 19∃55 21≈47 15 ± 20 4 ± 17 0 ± 46 20 ± 44 22≈29 15 ± 57 5 ± 00 1 ± 37 21 ± 33 23≈11 16 ± 33 23≈11 16 ± 33 23≈11 16 ± 33 23≈11 16 ± 33 23≈11 16 ± 33 23≈11 16 ± 33< | | | | | | | | | | | | | | | 6Υ10 6Υ06 | 3855 3842 |
| 588 18 8 05 20 ≈ 12 14 % 34 4 % 28 18 31 18 8 56 20 ≈ 55 15 % 13 5 % 12 28 22 19 8 47 21 ≈ 39 15 % 51 5 98 598 18 8 39 20 ≈ 42 14 % 49 4 % 24 18 17 19 8 29 21 ≈ 25 15 % 27 5 % 09 28 08 20 ₹ 20 22 ≈ 88 16 % 05 5 608 19 ₹ 15 21 ≈ 14 15 % 05 4 % 21 18 02 20 ₹ 30 21 ≈ 57 15 % 42 5 % 04 18 53 20 ₹ 55 22 ≈ 39 16 % 19 5 618 19 ₹ 55 21 ≈ 47 15 % 20 4 % 17 08 46 20 ₹ 34 22 ≈ 29 15 % 57 5 % 00 18 37 21 ₹ 33 23 ≈ 11 16 % 33 5 628 20 ₹ 38 22 ≈ 22 15 % 37 4 % 14 08 30 21 ₹ 27 23 ≈ 03 16 % 12 4 % 56 18 20 22 ₹ 15 23 ≈ 44 16 € 48 5 638 21 ₹ 25 22 ≈ 58 15 % 53 4 % 10 08 13 | | | | | | | | | | | | | | | 6Υ00 | 3828 |
| 59S 18 8 39 20 \$\approx 42\$ 14 \ \(\pm 49\) 4 \(\pm 24\) 18 17 19 8 29 21 \$\approx 25\$ 15 \(\pm 27\) 5 \(\pm 09\) 28 08 20 8 20 22 \$\approx 88\$ 16 \(\pm 605\) 5 60S 19 8 15 21 \$\approx 14\$ 15 \(\pm 605\) 4 \(\pm 11\) 18 02 20 8 05 21 \$\approx 57\$ 15 \(\pm 42\) 5 \(\pm 00\) 18 37 20 8 55 22 \$\approx 39\$ 16 \(\pm 19\) 5 61S 19 8 55 21 \$\approx 47\$ 15 \(\pm 20\) 20 8 44 22 \$\approx 29\$ 15 \(\pm 57\) 5 \(\pm 00\) 18 37 21 8 33 23 \$\approx 11\$ 16 \(\pm 33\) 3 62S 20 8 38 22 \$\approx 22\) 15 \(\pm 37\) 4 \(\pm 14\) 08 30 21 8 27 23 \$\approx 03\) 16 \(\pm 12\) 4 \(\pm 56\) 18 20 22 8 15 23 \$\approx 44\) 16 \(\pm 48\) 3 64S 21 8 25 22 \$\approx 58\) 15 \(\pm 53\) 4 \(\pm 10\) 23 8 36 24 \(\approx 55\) 24 \(\approx 55\) 24 \(\approx 55\) 22 \(\approx 39\) 16 \(\pm 48\) 23 8 | | | | | | | | | | | l | | | | 5 Υ 57 | 3814 |
| 61S 19₹55 21≈47 15 ± 20 4 ↑ 17 0 ₺ 46 20₹44 22≈29 15 ± 57 5 ↑ 00 1 ₺ 37 21₹33 23≈11 16 ± 33 5 62S 20₹38 22≈22 15 ± 37 4 ↑ 14 0 ₺ 30 21₹27 23≈03 16 ± 12 4 ↑ 56 1 ₺ 20 22₹15 23≈44 16 ± 48 5 63S 21₹25 22≈58 15 ± 53 4 ↑ 10 0 ₺ 13 22₹13 23≈38 16 ± 28 4 ↑ 52 1 ₺ 02 23₹01 24≈18 17 ± 04 5 64S 22₹17 23≈35 16 ± 10 4 ↑ 06 29 ↑ 54 23₹04 24≈15 16 ± 45 4 ↑ 47 0 ₺ 43 23 ₹51 24≈54 17 ± 19 5 | 18 | 839 | 20≈42 | 14 X 49 | 4 Υ 24 | 1817 | 19궁29 | | 15 ∺ 27 | 5 Υ 09 | 2808 | 20중20 | | 16 ∺ 05 | 5 Υ 53 | 2859 |
| 62S 20 ₹38 22 ≈ 22 15 ₹37 4 № 14 0 ₺30 21 ₹27 23 ≈ 03 16 ₹12 4 № 56 1 ₺20 22 ₹15 23 ≈ 44 16 ₹48 5 63S 21 ₹25 22 ≈ 58 15 ₹53 4 № 10 0 ₺13 22 ₹13 23 ≈ 38 16 ₹28 4 № 52 1 ₺02 23 ₹01 24 ≈ 18 17 ₹04 5 64S 22 ₹17 23 ≈ 35 16 ₹10 4 № 6 29 № 54 23 ₹04 24 ≈ 15 16 ₹45 4 № 47 0 ₺43 23 ₹51 24 ≈ 54 17 ₹19 5 | | | 21≈14 | 15 ∺ 05 | 4 Ƴ 21 | | | 21≈57 | 15 ∺ 42 | 5Υ04 | 1853 | | l | 16 ¥ 19 | 5Ƴ48 | 2843 |
| 63S 21∃25 22≈58 15 €53 4 № 10 0 ₺ 13 22∃13 23≈38 16 €28 4 № 52 1 ₺ 02 23∃01 24≈18 17 € 04 5 64S 22∃17 23≈35 16 € 10 4 № 6 29 № 54 23∃04 24≈15 16 € 45 4 № 47 0 ₺ 43 23∃51 24≈54 17 € 19 5 | | | | | | | | | | | | | | | 5 Υ 43 | 2827 |
| 64S 22317 23≈35 16 x 10 4 m 06 29 m 54 23 3504 24≈15 16 x 45 4 m 47 0 843 23 351 24≈54 17 x 19 5 | | | | | | | | | | | I | | | | 5Υ38 | 2809 |
| | | | | | | | | | | | | | | | 5 ° 33 5 ° 28 | 1851 1832 |
| | | | 24≈14 | 16 X 28 | 4Υ02 | 29 Y 35 | 24중01 | 24≈53 | 17 X 02 | 4Υ42 | 0823 | 24847 | 25≈32 | 17 X 35 | 5Υ22 | 1811 |
| | | | | | | | | | | | | | | | 5 Υ 22 5 Υ 17 | 0849 |
| | | | | | | | | | | | | | | | 5Υ13 | 0837 |

| | Sid.Tir MC: | | 36m A 135'54 | RMC: 2 | 49°00' | Sid.Tir MC: | | 40m A 32'02 | RMC: 2 | 250°00' | Sid.Tir MC: | ne: 16h4 | 44m A 28'05 | RMC: 2 | 251°00' |
|------------|----------------------------------|----------------|--|--------------------------------|----------------------------------|----------------------------------|----------------|--|----------------------------------|----------------|----------------------------------|----------------|--|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 8중16 | 6≈36 | 7 ∺ 17 | 9Ƴ47 | 11825 | 9 궁 11 | 7≈35 | 8 ∺ 21 | 10℃52 | 12826 | 10궁06 | 8≈34 | 9₩25 | 11Ƴ57 | 13827 |
| 1S | 8 공 23 | 6≈49 | 7 X 27 | 9Υ44 00041 | 11820 | 9중19 | 7≈48 | 8 X 31 | 10°°49 | 12821 | 10중14 | 8≈47 | 9 X 34 | 11 Υ 54 | 13821 |
| 2S 3S | 8 궁 31 8 궁 39 | 7≈02 7≈15 | 7 X 37 7 X 46 | 9Ƴ41 9Ƴ38 | 11814 11809 | 9 궁 27 9 궁 34 | 8≈01 8≈14 | 8 X 40 8 X 49 | 10°Y46 10°Y43 | 12 8 15 | 10중22 10중30 | 9≈00 9≈12 | 9 X 43 9 X 52 | 11 Y 50 11 Y 47 | 13 8 15 |
| 4S | 8 3 37 | 7≈13 7≈28 | 7 X 5 6 | 9Υ36 | 11803 | 9 3 42 | 8≈27 | 8 X 58 | 10 Y 39 | 12804 | 10등38 | 9≈25 | 10 × 01 | 11 Y 43 | 13804 |
| 58 | 8중55 | 7≈41 | 8 X 05 | 9Υ33 | 10858 | 9궁50 | 8≈39 | 9 X 07 | 10 Y 36 | 11858 | 10중46 | 9≈38 | 10 X 09 | 11 ° 40 | 12858 |
| 6S | 9중03 | 7≈54 | 8 ₩15 | 9Υ30 | 10852 | 9궁58 | 8≈52 | 9¥16 | 10Ƴ33 | 11853 | 10궁53 | 9≈50 | 10 ∺ 18 | 11 Y 36 | 12853 |
| 7S | 9중11 | 8≈07 | 8 X 24 | 9℃27 | 10847 | 10중06 | 9≈05 | 9 X 25 | 10Y30 | 11847 | 11301 | 10≈03 | 10 × 26 | 11 γ 33 | 12847 |
| 8S 9S | 9 궁 19 9 궁 27 | 8≈20 8≈33 | 8 X 33 8 X 42 | 9 Y 24 9 Y 22 | 10841 10836 | 10중14 10중22 | 9≈18 9≈30 | 9 X 34 9 X 42 | 10 ° 27 10 ° 24 | 11841 | 11 궁 09 11 궁 17 | 10≈15 10≈28 | 10 X 34 10 X 42 | 11 Y 29 11 Y 26 | 12841 12836 |
| 108 | 9중35 | 8≈46 | 8 + 51 | 9Υ19 | 10831 | 10중30 | 9≈43 | 9 + 51 | 10 ° 21 | 11830 | 11325 | 10≈40 | 10 ¥ 51 | 11 ° 23 | 12830 |
| 11S | 9 궁 43 | 8≈59 | 9¥00 | 9Υ16 | 10825 | 10중38 | 9≈56 | 9 X 59 | 10Y18 | 11825 | 11333 | 10≈53 | 10 × 59 | 11 Y 19 | 12824 |
| 12S | 9 궁 51 | 9≈11 | 9 X 09 | 9Υ13 | 10819 | 10궁46 | 10≈08 | 10 ¥ 08 | 10 ℃ 15 | 11819 | 11궁41 | 11≈05 | 11 ¥ 07 | 11 Y 16 | 12818 |
| 13S 14S | 10 궁 00 10 궁 08 | 9≈24 9≈37 | 9 ¥ 17 9 ¥ 26 | 9Ƴ11 9Ƴ08 | 10 8 14 10 8 08 | 10궁55 11궁03 | 10≈21 10≈34 | 10 X 16 10 X 24 | 10 Y 12 10 Y 09 | 11813 | 11궁50 11궁58 | 11≈18 11≈30 | 11 X 15 11 X 23 | 11 Y 13 11 Y 09 | 12 8 13 12 8 07 |
| 15S | 10중16 | 9≈50 | 9 ¥ 35 | 9 ⋎ 05 | 10803 | 11311 | 10≈34 | 10 X 24 | 10 Y 06 | 11802 | 12306 | 11≈43 | 11 X 31 | 11 Y 06 | 12801 |
| 16S | 10810 | 10≈03 | 9 X 33 | 9Υ03 9Υ02 | 9857 | 11320 | 10≈47 | 10 X 33 | 10 Y 00 | 10856 | 12815 | 11≈43 | 11 X 31 | 11 Y 03 | 11855 |
| 17S | 10중33 | 10≈16 | 9 ∺ 52 | 9Υ00 | 9851 | 11궁28 | 11≈12 | 10 ¥ 49 | 10 Y 00 | 10850 | 12중23 | 12≈08 | 11 ¥ 46 | 10 Υ 59 | 11849 |
| 188 | 10 3 42 | 10≈29 | 10 × 00 | 8 Y 57 | 9846 | 11공45 | 11≈25 | 10 X 57 | 9Υ57 0Υ54 | 10845 | 12332 | 12≈21 12≈24 | 11 X 54 | 10Υ56 | 11843 |
| 198 | 10공51 | 10≈42 | 10 × 19 | 8 Y 54 | 9840 | 11345 | 11≈38 | 11 X 06 | 9Υ54 | 10839 | 12340 | 12≈34 | 12 ¥ 02 | 10°753 | 11837 |
| 20S 21S | 10る59 11る08 | 10≈56 11≈09 | 10 ¥ 18 10 ¥ 27 | 8 ° 52 8 ° 49 | 9834 9828 | 11중54 12중03 | 11≈51 12≈04 | 11 X 14 11 X 22 | 9 Υ 51 9 Υ 47 | 10833 10827 | 12궁49 12궁58 | 12≈47 13≈00 | 12 X 10 12 X 18 | 10Ƴ49 10Ƴ46 | 11831 11825 |
| 22S | 11중17 | 11≈22 | 10 X 35 | 8Υ46 | 9822 | 12중12 | 12≈17 | 11 X 30 | 9Υ44 | 10821 | 13중07 | 13≈13 | 12 X 25 | 10 Y 43 | 11819 |
| 238 | 11327 | 11≈36 | 10 X 44 | 8Υ43 | 9816 | 12중21 | 12≈31 | 11 X 38 | 9Υ41 | 10815 | 13316 | 13≈26 | 12 ¥ 33 | 10Υ39 | 11813 |
| 248 | 11중36 | 11≈50 | 10 € 52 | 8 Y 41 | 9810 | 12331 | 12≈44 | 11 💥 47 | 9 ⋎ 38 | 10808 | 13325 | 13≈39 | 12¥41 | 10 ℃ 36 | 11807 |
| 25S 26S | 11궁45 11궁55 | 12≈03 12≈17 | 11 X 01 11 X 09 | 8Ƴ38 8Ƴ35 | 9804 8858 | 12 3 40 12 3 50 | 12≈58 13≈11 | 11 X 55 12 X 03 | 9 Ƴ 35 9 Ƴ 32 | 10802 9856 | 13중35 13중44 | 13≈52 14≈06 | 12 X 49 12 X 56 | 10 Y 33 10 Y 29 | 11800 10854 |
| 27S | 11 3 35 | 12≈31 | 11 X 18 | 8Υ32 | 8852 | 12 日 59 | 13≈11 | 12 X 11 | 9Υ29 | 9850 | 13 중 54 | 14≈19 | 13 × 04 | 10 Y 26 | 10837 |
| 28S | 12공15 | 12≈45 | 11 X 27 | 8 Y 29 | 8845 | 13궁09 | 13≈39 | 12 X 19 | 9Υ26 | 9843 | 14궁04 | 14≈33 | 13 ¥ 12 | 10Υ22 | 10841 |
| 298 | 12중25 | 13≈00 | 11 X 35 | 8Ƴ26 | 8839 | 13중20 | 13≈53 | 12 ¥ 28 | 9℃23 | 9836 | 14중14 | 14≈47 | 13 ∺ 20 | 10 ℃ 19 | 10834 |
| 30S 31S | 12 る 35 12 る 46 | 13≈14 13≈29 | 11 X 44 11 X 53 | 8Ƴ24 8Ƴ21 | 8832 8826 | 13 云 30 13 云 40 | 14≈08 14≈22 | 12 ¥ 36 12 ¥ 44 | 9Ƴ19 9Ƴ16 | 9830 9823 | 14궁24 14궁35 | 15≈01 15≈15 | 13 ¥ 28 13 ¥ 36 | 10 Y 15 10 Y 12 | 10827 10820 |
| 32S | 12 3 57 | 13≈44 | 12 × 01 | 8Υ18 | 8819 | 13 공 51 | 14≈37 | 12 X 53 | 9Υ13 | 9816 | 14835 | 15≈30 | 13 X 44 | 10 Y 12 | 10813 |
| 33S | 13중08 | 13≈59 | 12 ¥ 10 | 8Υ15 | 8812 | 14중02 | 14≈52 | 13 ¥ 01 | 9Υ10 | 9809 | 14857 | 15≈44 | 13 ¥ 52 | 10°705 | 10806 |
| 348 | 13819 | 14≈14 | 12 💥 19 | 8 ⋎ 12 | 8805 | 14314 | 15≈07 | 13 X 10 | 9Υ06 | 9802 | 15중08 | 15≈59 | 14¥00 | 10°Y01 | 9859 |
| 35S 36S | 13 る 31 13 る 43 | 14≈30 14≈46 | 12 ¥ 28 12 ¥ 37 | 8Ƴ09 8Ƴ06 | 7858 7851 | 14궁25 14궁37 | 15≈22 15≈38 | 13 X 18 13 X 27 | 9°703 | 8 8 55 | 15중19 15중31 | 16≈14 16≈30 | 14 ¥ 08 14 ¥ 16 | 9 Υ 57 | 9 8 51 |
| 37S | 13 공 55 | 15≈02 | 12 × 46 | 8Υ03 | 7843 | 14349 | 15≈53 | 13 × 35 | 8Υ56 | 8839 | 15843 | 16≈45 | 14 X 24 | 9Υ50 | 9836 |
| 38S | 14중08 | 15≈18 | 12 ¥ 56 | 7Υ59 | 7835 | 15중02 | 16≈10 | 13 X 44 | 8Υ53 | 8832 | 15중56 | 17≈01 | 14 X 33 | 9Υ46 | 9828 |
| 398 | 14중21 | 15≈35 | 13 X 05 | 7 Υ 56 | 7828 | 15중15 | 16≈26 | 13 X 53 | 8 Υ 49 | 8824 | 16궁09 | 17≈17 | 14 * 41 | 9℃42 | 9820 |
| 40S 41S | 14궁34 14궁48 | 15≈52 16≈09 | 13 X 14 13 X 24 | 7 Υ 53 7 Υ 50 | 7820 7812 | 15 군 28 15 군 42 | 16≈43 17≈00 | 14 X 02 14 X 11 | 8Ƴ45 8Ƴ42 | 8 8 16 | 16중22 16중36 | 17≈34 17≈50 | 14 X 50 14 X 58 | 9 ⋎ 38 9 ⋎ 34 | 9811 9803 |
| 42S | 15 공 02 | 16≈27 | 13 X 24 | 7Υ46 | 7803 | 15 공 56 | 17≈17 | 14 X 20 | 8Υ38 | 7859 | 16공50 | 18≈07 | 15 × 07 | 9Υ30 | 8854 |
| 43S | 15중17 | 16≈45 | 13 × 43 | 7Υ43 | 6855 | 16중11 | 17≈35 | 14 ** 29 | 8Υ34 | 7850 | 17중04 | 18≈25 | 15 ¥ 16 | 9Υ26 | 8845 |
| 448 | 15중33 | 17≈03 | 13 X 53 | 7 ° 39 | 6846 | 16궁26 | 17≈53 | 14 X 39 | 8Υ30 | 7841 | 17중19 | 18≈43 | 15 X 25 | 9 Υ 21 | 8836 |
| 45S 46S | 15 궁 48 16 궁 05 | 17≈22 17≈42 | 14 ¥ 03 14 ¥ 13 | 7Ƴ36 7Ƴ32 | 6837 6827 | 16 공 42 16 공 58 | 18≈12 18≈31 | 14 X 48 14 X 58 | 8 Y 27 8 Y 23 | 7832 7822 | 17 る 35 | 19≈01 19≈20 | 15 ¥ 34 15 ¥ 43 | 9 Υ 17 9 Υ 13 | 8826 8817 |
| 47S | 16 ප 22 | 18≈02 | 14 X 13 | 7Y29 | 6818 | 17 공 15 | 18≈50 | 15 × 08 | 8Υ18 | 7812 | 18중08 | 19≈20 | 15 X 43 | 9Υ08 | 8806 |
| 48S | 16 궁 40 | 18≈22 | 14 × 34 | 7 ° 25 | 6808 | 17중33 | 19≈10 | 15 X 18 | 8Υ14 | 7802 | 18326 | 19≈58 | 16¥02 | 9Υ04 | 7856 |
| 498 | 16궁59 | 18≈43 | 14 * 44 | 7 ° 21 | 5857 | 17 공 51 | 19≈31 | 15 ¥ 28 | 8Υ10 | 6851 | 18344 | 20≈19 | 16¥11 | 8Υ59 | 7845 |
| 50S 51S | 17 る 18 17 る 39 | 19≈04 19≈27 | 14 X 55 15 X 06 | 7Υ17 7Υ13 | 5847 5836 | 18중11 18중31 | 19≈52 20≈14 | 15 X 38 15 X 49 | 8Y06 8Y01 | 6840 6829 | 19 궁 03 19 궁 23 | 20≈39 21≈01 | 16¥21 16¥31 | 8 ° 54 8 ° 49 | 7834 7823 |
| 52S | 17839 18 3 00 | 19≈27 19≈49 | 15 X 17 | 7Υ09 | 5824 | 18 공 52 | 20≈14 20≈36 | 15 X 59 | 7Υ57 | 6817 | 19 3 23 | 21≈01 21≈23 | 16 X 41 | 8Υ44 | 7811 |
| 53S | 18323 | 20≈13 | 15 × 29 | 7 ℃ 05 | 5812 | 19315 | 20≈59 | 16 × 10 | 7 Υ 52 | 6805 | 20중07 | 21≈45 | 16 ¥ 52 | 8Υ39 | 6858 |
| 54S | 18중47 | 20≈37 | 15 × 40 | 7 Υ 00 | 5800 | 19중38 | 21≈23 | 16¥21 | 7 ° 47 | 5853 | 20중30 | 22≈08 | 17 × 02 | 8Υ34 | 6845 |
| 55S 56S | 19 る 12 19 る 39 | 21≈02 21≈28 | 15 X 52 16 X 04 | 6Ƴ56 6Ƴ51 | 4847 4834 | 20중03 20중30 | 21≈47 22≈13 | 16 X 33 | 7Ƴ42 7Ƴ37 | 5840 5826 | 20궁55 21궁21 | 22≈33 22≈57 | 17 X 13 17 X 24 | 8 ° 28 8 ° 23 | 6832 6818 |
| 57S | 19 6 39 20 중 07 | 21≈28 21≈55 | 16 X 04 | 6Υ31 6Υ47 | 4820 | 20 日 30 20 日 58 | 22≈13 22≈39 | 16 X 44 | 7Y37 | 5811 | 21821 | 22≈37 23≈23 | 17 X 24 | 8Υ17 | 6803 |
| 58S | 20중37 | 22≈23 | 16 ¥ 30 | 6Ƴ42 | 4805 | 21궁28 | 23≈06 | 17 ∺ 08 | 7 Y 26 | 4856 | 22중18 | 23≈50 | 17 X 47 | 8 Y 11 | 5848 |
| 598 | 21중10 | 22≈51 | 16 X 43 | 6 Ƴ 37 | 3850 | 22중00 | 23≈34 | 17 ∺ 21 | 7 ° 21 | 4841 | 22궁50 | 24≈17 | 17 X 59 | 8Υ05 | 5832 |
| 60S | 21궁45 22궁23 | 23≈21 23≈52 | 16 × 56 | 6Υ32 | 3834 | 22 궁 34 | 24≈04 24≈34 | 17 X 33 | 7Y15 | 4824 | 23 중 24 | 24≈46 25×16 | 18¥11 | 7 Υ 59 7 Υ 52 | 5815 4857 |
| 61S 62S | 22 중 23 23 중 04 | 23≈52 24≈25 | 17 ¥ 10 17 ¥ 24 | 6Ƴ26 6Ƴ21 | 3817 2859 | 23중12 23중52 | 24≈34 25≈06 | 17 X 47 18 X 00 | 7°09 7°03 | 4807 3849 | 24궁01 24궁40 | 25≈16 25≈47 | 18 ¥ 23 18 ¥ 36 | 7°752 7°745 | 4837 |
| 63S | 23348 | 24≈58 | 17 × 39 | 6 Y 15 | 2840 | 24궁36 | 25≈39 | 18 X 14 | 6Y57 | 3829 | 25중23 | 26≈19 | 18 ¥ 49 | 7 Ƴ 38 | 4818 |
| 64S | 24궁38 | 25≈34 | 17 ¥ 54 | 6Ƴ09 | 2820 | 25중24 | 26≈13 | 18 ¥ 28 | 6 Ƴ 50 | 3809 | 26중11 | 26≈53 | 19¥03 | 7 Ƴ 31 | 3857 |
| 65S | 25중32 | 26≈10 | 18 × 09 | 6Υ03 | 1859 | 26중18 | 26≈49 | 18 X 43 | 6Υ43 | 2847 | 27중03 | 27≈28 | 19 X 17 | 7Υ23 | 3835 |
| 66S pc | 26 궁 33 27 궁 11 | 26≈49 27≈11 | 18 ¥ 25 18 ¥ 34 | 5 ° 56 5 ° 52 | 1837 1823 | 27중17 27중54 | 27≈27 27≈49 | 18 X 58 19 X 07 | 6°736 6°732 | 2824 2810 | 28 궁 01 28 궁 37 | 28≈05 28≈26 | 19 X 31 19 X 39 | 7Ƴ15 7Ƴ11 | 3811 2857 |
| PC | 2,011 | 2,~11 | 10 / 34 | 3134 | 1023 | L . U J4 | 2,~43 | 17,7,07 | 0134 | 2010 | 20031 | 20~20 | 17 1 33 | , , 111 | 2031 |

| | Sid.Tir MC: | | 48m A 24'01 | RMC: 2 | .52°00' | Sid.Tir MC: | | 52m A 19'52 | RMC: 2 | 253°00' | Sid.Tii MC: | ne: 16h: | 56m A 15'37 | RMC: 2 | 254°00' |
|------------|----------------------------------|----------------|--|----------------------------------|----------------------------------|----------------------------------|----------------|--|-----------------------------------|----------------------------------|----------------------------------|-------------------|--|-----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 11302 | 9≈33 | 10 X 29 | 13Ƴ02 | 14827 | 11궁57 | 10≈32 | 11 X 34 | 14Ƴ07 | 15827 | 12중53 | 11≈32 | 12¥38 | 15 Y 12 | 16827 |
| 1S | 11궁09 | 9≈46 | 10 × 38 | 12°58 | 14821 | 12중05 | 10≈45 | 11 X 42 | 14Υ03 | 15822 | 13중00 | 11≈44 | 12 × 46 | 15Υ07 | 16821 |
| 2S 3S | 11궁17 11궁25 | 9≈58 10≈11 | 10 X 46 10 X 55 | 12 Υ 54 12 Υ 51 | 14 8 16 14 8 10 | 12중13 12중21 | 10≈57 11≈10 | 11 X 50 11 X 58 | 13 Y 59 13 Y 54 | 15 8 16 | 13 궁 08 13 궁 16 | 11≈57 12≈09 | 12 X 53 13 X 01 | 15 \(\psi 03 \) 14 \(\psi 58 \) | 16 8 15 |
| 4S | 11 8 23 | 10≈11 | 11 X 03 | 12 Y 31 12 Y 47 | 14804 | 12821 | 11≈10 | 12 X 06 | 13 Y 54 13 Y 50 | 15804 | 13810 | 12≈21 | 13 × 08 | 14 Y 54 | 16804 |
| 5S | 11341 | 10≈36 | 11 X 11 | 12Ƴ43 | 13858 | 12중36 | 11≈34 | 12 X 13 | 13Ƴ46 | 14858 | 13332 | 12≈33 | 13 X 15 | 14 Y 50 | 15858 |
| 6S | 11849 | 10≈30 | 11 X 19 | 12 Y 39 | 13852 | 12834 | 11≈47 | 12 X 13 | 13 Υ 40 13 Υ 42 | 14852 | 13 8 39 | 12≈45 | 13 X 23 | 14 Y 45 | 15852 |
| 7S | 11궁57 | 11≈01 | 11 ∺ 27 | 12Ƴ36 | 13847 | 12중52 | 11≈59 | 12 ∺ 28 | 13Ƴ38 | 14846 | 13중47 | 12≈57 | 13 ¥ 30 | 14Ƴ41 | 15846 |
| 8S | 12궁05 | 11≈13 | 11 X 35 | 12 ℃ 32 | 13841 | 13중00 | 12≈11 | 12 X 36 | 13 ℃ 34 | 14840 | 13중55 | 13≈09 | 13 ¥ 37 | 14Ƴ37 | 15840 |
| 9S | 12당12 | 11≈25 | 11 X 43 | 12Ƴ28 | 13835 | 13중08 | 12≈23 | 12 X 43 | 13Ƴ30 | 14834 | 14중03 | 13≈21 | 13 ¥ 44 | 14 Ƴ 32 | 15834 |
| 10S | 12320 | 11≈38 | 11 X 51 | 12 ℃ 25 | 13829 | 13중16 | 12≈35 | 12 × 51 | 13 ℃ 26 | 14829 | 14311 | 13≈33 | 13 X 51 | 14Y28 | 15828 |
| 11S 12S | 12 る 29 12 る 37 | 11≈50 12≈03 | 11 ¥ 58 12 ¥ 06 | 12 ° 21 12 ° 17 | 13 8 23 | 13중24 13중32 | 12≈48 13≈00 | 12 X 58 13 X 05 | 13 Y 22 13 Y 19 | 14823 14817 | 14궁19 14궁27 | 13≈45 13≈57 | 13 X 58 14 X 04 | 14 ° 24 14 ° 20 | 15 8 22 |
| 12S | 12837 | 12≈03 | 12 X 00 | 12 Y 17 | 13812 | 13·8·32 13·중40 | 13≈00 | 13 X 03 | 13 Y 19 | 14811 | 14827 | 13≈37 | 14 X 04 | 14 Y 20 | 15810 |
| 14S | 12 공 53 | 12≈27 | 12 X 21 | 12Υ10 | 13806 | 13348 | 13≈24 | 13 X 19 | 13Υ11 | 14805 | 14343 | 14≈21 | 14 X 18 | 14 ° 11 | 15803 |
| 15S | 13동01 | 12≈40 | 12 X 29 | 12Ƴ06 | 13800 | 13중56 | 13≈36 | 13 X 27 | 13Ƴ07 | 13859 | 14공51 | 14≈33 | 14¥25 | 14 ° 07 | 14857 |
| 16S | 13중10 | 12≈52 | 12 × 36 | 12Y03 | 12854 | 14중05 | 13≈49 | 13 × 34 | 13 Y 03 | 13853 | 15중00 | 14≈45 | 14¥31 | 14Y03 | 14851 |
| 17S | 13동18 | 13≈05 | 12 X 44 | 11か59 | 12848 | 14중13 | 14≈01 | 13 X 41 | 12 Y 59 | 13847 | 15궁08 | 14≈57 | 14 X 38 | 13 Y 59 | 14845 |
| 18S | 13 る 27 | 13≈17 | 12 X 51 | 11 Y 56 | 12842 | 14322 | 14≈13 | 13 X 48 | 12°755 | 13840 | 15317 | 15≈10 | 14 X 45 | 13 Υ 54 | 14839 |
| 19S | 13중35 | 13≈30 | 12¥58 | 11 Y 52 | 12836 | 14중30 | 14≈26 | 13 X 55 | 12°751 | 13834 | 15중25 | 15≈22 | 14¥51 | 13 Y 50 | 14832 |
| 20S 21S | 13号44 13号53 | 13≈42 13≈55 | 13 ¥ 06 13 ¥ 13 | 11 ° 48 11 ° 45 | 12830 12823 | 14궁39 14궁48 | 14≈38 14≈51 | 14 ¥ 02 14 ¥ 09 | 12 ° 47 12 ° 43 | 13828 13822 | 15중34 15중43 | 15≈34 15≈46 | 14 X 58 15 X 04 | 13 \ \cdot 46 13 \ \cdot 42 | 14826 14820 |
| 21S 22S | 13633 14 る 02 | 13≈33 | 13 X 13 | 11 Y 43 | 12823 | 14848 | 15≈03 | 14 X 09 | 12 Y 43 | 13822 | 15 공 51 | 15≈40 | 15 X 04 | 13 Y 42 | 14813 |
| 23S | 14311 | 14≈21 | 13 × 28 | 11 Y 37 | 12811 | 15중06 | 15≈16 | 14 X 23 | 12Y35 | 13809 | 16중00 | 16≈11 | 15 X 18 | 13 Y 33 | 14807 |
| 24S | 14궁20 | 14≈34 | 13 ¥ 35 | 11Ƴ34 | 12804 | 15중15 | 15≈29 | 14 ∺ 30 | 12 Y 31 | 13802 | 16궁10 | 16≈24 | 15 ∺ 24 | 13 ℃ 29 | 14800 |
| 25S | 14궁29 | 14≈47 | 13 X 43 | 11Ƴ30 | 11858 | 15중24 | 15≈42 | 14 ¥ 37 | 12 Ƴ 27 | 12856 | 16궁19 | 16≈37 | 15 ¥ 31 | 13 Ƴ 25 | 13853 |
| 26S | 14궁39 | 15≈00 | 13 ¥ 50 | 11℃26 | 11851 | 15중34 | 15≈55 | 14 X 44 | 12℃23 | 12849 | 16궁28 | 16≈49 | 15 ∺ 37 | 13 ℃ 20 | 13846 |
| 27S | 14349 | 15≈14 | 13 X 57 | 11°23 | 11845 | 15343 | 16≈08 | 14 X 51 | 12°Y 19 | 12842 | 16중38 | 17≈02 | 15 X 44 | 13 Y 16 | 13840 |
| 28S 29S | 14 3 58 15 3 09 | 15≈27 15≈41 | 14 X 05 14 X 12 | 11 Υ 19 11 Υ 15 | 11 8 38 | 15중53 16중03 | 16≈21 16≈35 | 14 X 58 15 X 05 | 12°Y15 12°Y11 | 12 8 35 12 8 28 | 16궁48 16궁58 | 17≈16 17≈29 | 15 X 51 15 X 57 | 13 Y 12 13 Y 07 | 13833 13825 |
| 30S | 15중19 | 15≈55 | 14 X 20 | 11Υ11 | 11824 | 16중13 | 16≈48 | 15 X 12 | 12 Y 11 | 12821 | 17중08 | 17≈42 | 16 X 04 | 13 Y 03 | 13818 |
| 31S | 15829 | 16≈09 | 14 X 20 | 11 Y 11 | 11824 | 16813 | 17≈02 | 15 X 12 | 12 Y 07 12 Y 03 | 12821 | 17808 | 17≈42 | 16 X 11 | 12 Y 58 | 13811 |
| 32S | 15중40 | 16≈23 | 14 X 35 | 11 ℃ 03 | 11810 | 16중34 | 17≈16 | 15 X 26 | 11Υ59 | 12807 | 17중29 | 18≈09 | 16 X 17 | 12 Y 54 | 13803 |
| 33S | 15공51 | 16≈37 | 14 X 43 | 10℃59 | 11803 | 16궁45 | 17≈30 | 15 ¥ 33 | 11 ℃ 54 | 11859 | 17궁39 | 18≈23 | 16 ¥ 24 | 12 ℃ 49 | 12856 |
| 34S | 16중02 | 16≈52 | 14 ¥ 50 | 10 ℃ 55 | 10855 | 16중56 | 17≈45 | 15 X 41 | 11℃50 | 11852 | 17중50 | 18≈37 | 16 ₩ 31 | 12Ƴ44 | 12848 |
| 35S | 16궁14 | 17≈07 | 14 X 58 | 10°751 | 10848 | 17중08 | 17≈59 | 15 X 48 | 11Υ46 | 11844 | 18중02 | 18≈52 | 16 × 38 | 12Υ40 | 12840 |
| 36S 37S | 16 궁 25 16 궁 37 | 17≈22 17≈37 | 15 ¥ 06 15 ¥ 13 | 10 ° 47 10 ° 43 | 10840 10832 | 17 さ 19 17 さ 31 | 18≈14 18≈29 | 15 ¥ 55 16 ¥ 03 | 11 ° 41 11 ° 37 | 11836 11828 | 18중13 18중25 | 19≈06 19≈21 | 16 X 45 16 X 52 | 12 \gamma 35 12 \gamma 30 | 12832 12824 |
| 38S | 16공50 | 17≈57 | 15 X 13 | 10 Y 43 | 10832 | 17831 | 18≈44 | 16 X 10 | 11 Y 37 | 11820 | 18 3 38 | 19≈21 | 16 X 59 | 12 Y 30 | 12824 |
| 39S | 17중03 | 18≈08 | 15 ∺ 29 | 10Ƴ35 | 10815 | 17궁56 | 19≈00 | 16 ∺ 18 | 11Υ28 | 11811 | 18궁50 | 19≈51 | 17 ∺ 06 | 12 Υ 20 | 12807 |
| 40S | 17궁16 | 18≈25 | 15 ∺ 37 | 10Ƴ30 | 10807 | 18궁09 | 19≈16 | 16 X 25 | 11Ƴ23 | 11803 | 19る03 | 20≈07 | 17 ∺ 13 | 12 ° 15 | 11858 |
| 41S | 17る29 | 18≈41 | 15 X 46 | 10Ƴ26 | 9858 | 18중23 | 19≈32 | 16 X 33 | 11 Y 18 | 10854 | 19궁16 | 20≈22 | 17 ¥ 20 | 12 Y 10 | 11849 |
| 42S | 17 공 43 | 18≈58 | 15 X 54 | 10 ℃ 22 | 9849 | 18중37 | 19≈48 | 16 × 41 | 11Υ13 | 10845 | 19중30 | 20≈39 | 17 ¥ 28 | 12Υ05 | 11840 |
| 43S 44S | 17 궁 58 18 궁 13 | 19≈15 19≈32 | 16 ¥ 02 16 ¥ 11 | 10 Y 17 10 Y 12 | 9840 9831 | 18 궁 51 19 궁 06 | 20≈05 20≈22 | 16 X 49 16 X 57 | 11 \(\psi 08 \) 11 \(\psi 03 \) | 10835 10826 | 19 궁 45 19 궁 59 | 20≈55 21≈12 | 17 ¥ 35 17 ¥ 43 | 12 \(\psi 00 \) 11 \(\psi 54 \) | 11830 11820 |
| 45S | 18중28 | 19≈50 | 16 X 19 | 10 Y 08 | | 19중21 | | 17 X 05 | 10°758 | | 20중15 | 21≈29 | | | 11810 |
| 458 46S | 18544 | 19≈50 | 16 X 19 | 10 \gamma 08 | 9 8 21 | 19 5 21 | 20≈40 20≈58 | 17 X 03 | 10°7'58 | 10816 10806 | 20등13 20등30 | 21≈29 21≈47 | 17 ¥ 50 17 ¥ 58 | 11 \(\gamma 49 \) | 11800 |
| 47S | 19 궁 01 | 20≈28 | 16 ∺ 37 | 9Υ58 | 9801 | 19ਰ54 | 21≈16 | 17 X 21 | 10 Y 48 | 9855 | 20중47 | 22≈05 | 18¥06 | 11Υ38 | 10849 |
| 48S | 19중19 | 20≈47 | 16¥46 | 9Υ53 | 8850 | 20중11 | 21≈35 | 17 × 30 | 10 ° 42 | 9844 | 21중04 | 22≈23 | 18 X 14 | 11Υ32 | 10838 |
| 498 | 19る37 | 21≈07 | 16 ¥ 55 | 9Ƴ48 | 8839 | 20궁29 | 21≈54 | 17 ∺ 38 | 10Ƴ37 | 9833 | 21중22 | 22≈42 | 18 ∺ 22 | 11℃26 | 10827 |
| 50S | 19궁56 | 21≈27 | 17 × 04 | 9 ° 43 | 8828 | 20중48 | 22≈14 | 17 × 47 | 10°731 | 9821 | 21341 | 23≈02 | 18 ¥ 30 | 11 Y 20 | 10815 |
| 51S 52S | 20중16 20중37 | 21≈48 22≈09 | 17 X 13 17 X 23 | 9 Ƴ 37 9 Ƴ 32 | 8816 8804 | 21 궁 08 21 궁 29 | 22≈35 22≈56 | 17 ¥ 56 18 ¥ 05 | 10 ° 25 10 ° 20 | 9 8 09 8 8 57 | 22중00 22중21 | 23≈22 23≈43 | 18 ¥ 38 18 ¥ 47 | 11 Y 14 11 Y 07 | 10802 9850 |
| 53S | 20 日 37 | 22≈09 22≈31 | 17 X 23 | 9Y32 | 7851 | 21 중 29 21 중 50 | 22≈36 | 18 X 13 | 10 Y 20 | 8844 | 22842 | 23≈43 24≈04 | 18 X 56 | 11 Y 07 | 9836 |
| 54S | 21822 | 22≈54 | 17 X 43 | 9Υ21 | 7838 | 22중13 | 23≈40 | 18 X 24 | 10℃07 | 8830 | 23중05 | 24≈26 | 19 X 05 | 10°754 | 9823 |
| 55S | 21346 | 23≈18 | 17 ∺ 53 | 9Ƴ15 | 7824 | 22중37 | 24≈03 | 18 ∺ 33 | 10 ° 01 | 8816 | 23829 | 24≈48 | 19 | 10 Ƴ 47 | 9808 |
| 56S | 22중12 | 23≈42 | 18 ∺ 04 | 9Υ08 | 7810 | 23중03 | 24≈27 | 18 ¥ 43 | 9Υ54 | 8801 | 23궁54 | 25≈12 | 19 X 23 | 10 Y 40 | 8853 |
| 57S | 22339 | 24≈07 | 18 X 14 | 9Υ02 | 6855 | 23 중 30 | 24≈52 25×17 | 18 X 53 | 9Υ47 | 7846 | 24321 | 25≈36 | 19 X 33 | 10Υ32 | 8837 |
| 58S 59S | 23る09 23る40 | 24≈33 25≈00 | 18 ¥ 25 18 ¥ 36 | 8Ƴ56 8Ƴ49 | 6839 6822 | 23궁59 24궁30 | 25≈17 25≈43 | 19 X 04 19 X 14 | 9Ƴ40 9Ƴ33 | 7830 7813 | 24궁49 25궁20 | 26≈01 26≈27 | 19 ¥ 42 19 ¥ 52 | 10℃25 10℃17 | 8821 8804 |
| 60S | 24 공 13 | 25≈28 | 18 X 48 | 8Y42 | 6805 | 25중03 | 25≈43 26≈11 | 19 X 25 | 9Υ26 | 6855 | 25 공 52 | 26≈53 | 20 × 02 | 10 Y 17 | 7845 |
| 61S | 24 8 13 | 25≈28 25≈58 | 18 X 48 | 8 Y 35 | 5847 | 25 日 38 | 26≈39 | 19 X 25 | 9Ψ26 9Ψ18 | 6836 | 25 6 32 | 20≈33 27≈21 | 20 X 02 20 X 13 | 10 \ \ 09 \ 10 \ \ 01 | 7826 |
| 62S | 25 중 28 | 26≈28 | 19 X 12 | 8Υ28 | 5827 | 26중17 | 27≈09 | 19 × 48 | 9Υ10 | 6817 | 27중05 | 27≈50 | 20 × 24 | 9Υ52 | 7806 |
| 63S | 26궁11 | 27≈00 | 19 ∺ 24 | 8 Y 20 | 5807 | 26궁58 | 27≈40 | 19 X 59 | 9Υ01 | 5856 | 27중46 | 28≈20 | 20 X 35 | 9 Υ 43 | 6845 |
| 64S | 26궁57 | 27≈32 | 19 ∺ 37 | 8 ⋎ 12 | 4846 | 27중44 | 28≈12 | 20 X 12 | 8 ⋎ 53 | 5834 | 28중30 | 28≈52 | 20 X 46 | 9Υ34 | 6822 |
| 65S | 27348 | 28≈07 | 19 ¥ 50 | 8Ƴ04 | 4823 | 28중34 | 28≈46 | 20 ¥ 24 | 8Ƴ44 | 5810 | 29중19 | 29≈25 | 20 ¥ 58 | 9Υ24 | 5858 |
| 66S | 28 る 45 | 28≈43 29≈04 | 20 × 04 | 7°755 | 3858 | 29329 | 29≈21 29≈41 | 20 ¥ 37 | 8 Y 34 | 4845 | 0≈14 0≈47 | 29≈59 | 21 ¥ 10 | 9Y14 | 5832 5817 |
| pc | 29중20 | 29≈04 | 20 ¥ 12 | 7 Υ 50 | 3844 | 0≈03 | 29≈41 | 20 X 44 | 8 Y 29 | 4830 | 0≈47 | 0 X 19 | 21 X 17 | 9 Y 08 | 5817 |

| Lat 11 12 Asc 2 3 11 12 Asc 2 3 11 | 7 14×43 14×55 15×07 15×18 15×30 15×42 15×53 16×04 16×16 | 32 15 ± 52 43 15 ± 55 55 16 ± 05 07 16 ± 11 18 16 ± 17 30 16 ± 23 42 16 ± 28 53 16 ± 34 | 18 \(\pm 20 \) 18 \(\pm 14 \) 18 \(\pm 09 \) 18 \(\pm 04 \) 17 \(\pm 59 \) | 3 19827 19820 19814 19808 |
|---|---|--|---|---------------------------------------|
| 18 | 7 14×43 14×55 15×07 15×18 15×30 15×42 15×53 16×04 16×16 | 15 ± 58 16 ± 05 16 ± 10 18 16 ± 17 30 16 ± 23 16 ± 28 16 ± 28 16 ± 34 | 18 \(\pm 20 \) 18 \(\pm 14 \) 18 \(\pm 09 \) 18 \(\pm 04 \) 17 \(\pm 59 \) | 19820 19814 |
| 2S 14804 12≈56 13±57 16m07 17815 14859 13≈55 15±01 17m11 18815 15≅53 14₹11 13≈08 14±04 16m02 17809 15₹07 14≈07 15±07 17m06 18809 16₹0 14₹11 15m57 17803 15₹15 14≈19 15±14 17m01 18802 16₹1 15\$ 14₹19 13≈20 14±11 15m57 17803 15₹15 14≈19 15±14 17m01 18802 16₹1 15\$ 14₹19 14±14 14±25 15m48 16851 15₹30 14≈43 15±20 16m56 17856 16₹1 17850 16₹2 18₹10 14≈43 13≈56 14±31 15m43 16845 15₹38 14≈54 15±33 16m46 17844 16₹3 18\$ 14₹50 14≈48 14±38 15m39 16839 15₹46 15≈48 15±45 16m36 17832 16₹4 18\$ 15₹10 14±44 15m34 16833 15₹54 15≈18 15±45 16m36 17832 16₹4 10\$ 15₹10 14±43 14±51 15m30 16827 16₹02 15≈29 15±51 16m31 17825 16₹51 15₹10 15±41 15±57 16m21 17800 17₹0 12\$ 15₹22 14≈55 15±04 15m10 15m16 16808 16₹26 16≈04 16±09 16m17 17807 17₹2 14\$ 15₹30 15≈42 15±23 15±07 15±10 15m16 16808 16₹26 16≈42 16≈42 16±09 16m17 17807 17₹2 15\$ 15₹31 15≈30 15≈42 15±23 15±00 16*34 16≈16 16±15 16m12 17800 17₹2 15\$ 15≈47 15≈30 15±23 15m03 15±50 16₹30 16≈39 16±27 16m03 15≈54 15±35 14m58 15±43 16₹30 16≈39 16±27 16m03 15≈54 15±35 14m58 15±43 16₹30 17₹01 17≈02 16±33 15m58 16±41 17₹5 16₹31 16±44 15m38 16±85 16±80 14±31 15±04 17±50 17±02 15±94 16±09 18₹3 16±09 18₹3 16±55 17≈07 16±13 14m31 15±04 17±50 17±00 17±02 15±94 16±09 | 5 14≈55 8 15≈07 15≈18 8 15≈30 15≈42 15≈53 16≈04 0 16≈16 | 55 16 \times 05 07 16 \times 11 18 16 \times 17 30 16 \times 23 42 16 \times 28 53 16 \times 34 | 18 \(\psi 18 \(\psi 09 \) 18 \(\psi 04 \) 17 \(\psi 59 \) | 19814 |
| 38 | 3 15≈07 15≈18 3 15≈30 6 15≈42 4 15≈53 1 16≈04 9 16≈16 | 16 \times 11 18 16 \times 17 130 16 \times 23 142 16 \times 28 153 16 \times 34 | 18 \(\cdot 09 \) 18 \(\cdot 04 \) 17 \(\cdot 59 \) | _ |
| 48 | 15 ≈ 18 15 ≈ 30 15 ≈ 42 15 ≈ 53 16 ≈ 04 16 ≈ 16 | 18 16 \times 17 30 16 \times 23 42 16 \times 28 53 16 \times 34 | 18 \(\psi 04 \) 17 \(\psi 59 \) | 111200 |
| 5S 14827 13 x 32 14 x 18 15 x 53 16857 15 z 23 14 x 31 15 x 20 16 x 56 17 x 56 16 z 16 x 16 x 56 6S 14 z 35 13 x 44 14 x 25 15 x 48 16 z 51 15 z 30 14 x 43 15 x 26 16 x 51 17 x 50 16 z 2 7S 14 z 43 13 x 56 14 x 31 15 x 43 16 z 45 15 z 38 14 x 54 15 x 33 16 x 46 17 x 44 16 z 3 8S 14 z 50 14 x 88 15 x 39 16 z 39 15 z 46 15 x 30 15 x 39 16 x 41 17 z 33 16 z 44 16 z 33 9S 14 z 58 14 x 19 14 x 44 15 x 30 16 z 31 15 z 46 15 x 30 15 x 45 16 x 31 17 z 32 16 z 4 10S 15 z 606 14 x 31 14 x 51 15 x 30 16 z 27 16 z 02 15 x 45 16 x 31 17 z 25 16 z 2 11S 15 z 61 14 x 43 14 x 57 15 x 10 15 x 10 15 x 10 | 3 15≈30 15≈42 4 15≈53 1 16≈04 0 16≈16 | 30 16 ★ 23 42 16 ★ 28 53 16 ★ 34 | 17℃59 | 19802 |
| 68 | 15≈42 15≈53 16≈04 16≈16 | 42 16 + 28 53 16 + 3 4 | | 18855 |
| 88 | 1 16≈04 16≈16 | | 17 Y 53 | 18849 |
| 98 | 16≈16 | 04 16 ¥ 40 | | 18843 |
| 10S | | | | 18837 |
| 118 | 7 16≈27 | | | 18830 |
| 128 | 5 16≈39 | | | 18 8 24 |
| 138 15 € 30 15 € 07 15 € 10 15 ♥ 16 16 € 08 16 € 26 16 € 04 16 € 09 16 ♥ 17 17 € 07 17 € 27 148 15 € 38 15 € 18 15 € 17 15 ♥ 12 16 € 02 16 € 34 16 € 16 16 € 15 16 ♥ 12 17 € 00 17 € 2 158 15 € 42 15 € 29 15 ♥ 03 15 € 50 16 € 50 16 € 39 16 € 27 16 ♥ 03 16 € 48 17 € 4 17 € 16 € 03 15 € 54 15 € 35 14 ♥ 58 15 € 43 16 € 58 16 € 51 16 € 33 15 ♥ 58 16 € 41 17 € 5 16 € 30 15 € 42 15 € 42 14 ♥ 54 15 € 37 17 € 07 17 € 02 16 € 39 15 ♥ 53 16 € 35 18 € 0 198 16 € 20 16 € 18 15 € 48 14 ♥ 49 15 € 30 17 € 15 17 € 14 16 € 44 15 ♥ 48 16 € 28 18 € 1 16 € 30 15 € 54 14 ♥ 49 15 € 30 17 € 15 17 € 14 16 € 44 15 ♥ 48 16 € 28 18 € 1 16 € 37 16 € 42 16 € 40 14 ♥ 40 15 € 17 17 € 32 17 € 38 16 € 56 15 ♥ 39 16 € 15 18 € 22 18 € 1 17 € 10 17 € 10 17 € 10 17 € 10 17 € 10 17 € 10 17 € 10 17 € 10 17 € 10 18 € 22 18 € 13 € 33 16 € 55 17 € 07 16 € 13 14 ♥ 31 15 € 04 17 € 50 18 € 02 17 € 07 15 ♥ 29 16 € 02 18 € 42 18 € 43 16 € 55 17 € 07 16 € 13 14 ♥ 31 15 € 04 17 € 50 18 € 02 17 € 07 15 ♥ 29 16 € 02 18 € 44 18 € 44 15 ♥ 49 16 € 04 18 € 34 16 € 04 18 € 34 16 € 04 17 € 50 18 € 02 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 50 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 50 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 50 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 50 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 07 17 € 07 15 ♥ 29 16 € 02 18 € 44 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 15 ♥ 29 16 € 07 18 € 07 17 € 07 17 € 07 17 € 07 17 € 07 17 € 07 17 € 0 | | | | 18811 |
| 158 15 \(6\) 15 \(6\) 15 \(6\) 15 \(6\) 15 \(6\) 16 \(6\) 16 \(6\) 16 \(6\) 16 \(6\) 15 \(6\) | | | | 18805 |
| 16S 15 ₹ 55 15 ₹ 42 15 ₹ 29 15 ↑ 03 15 ₹ 50 16 ₹ 50 16 ₹ 39 16 ₹ 27 16 ↑ 03 16 ₹ 48 17 ₹ 4 17S 16 ₹ 03 15 ₹ 54 15 ₹ 35 14 ↑ 58 15 ₹ 43 16 ₹ 58 16 ₹ 51 16 ₹ 33 15 ↑ 75 16 ₹ 41 17 ₹ 5 18S 16 ₹ 12 16 ₹ 60 15 ₹ 42 14 ↑ 74 15 ₹ 37 17 ₹ 67 17 ₹ 60 16 ₹ 39 15 ↑ 75 16 ₹ 39 15 ↑ 75 16 ₹ 35 18 ₹ 6 18 ₹ 6 18 ₹ 6 18 ₹ 6 18 ₹ 6 18 ₹ 7 | 9 17≈13 | 13 17 | 17℃13 | 17859 |
| 178 16 ≅ 03 15 ≈ 54 15 € 35 14 ° 58 15 ≅ 43 16 ≅ 58 16 ≈ 51 16 € 33 15 ° 58 16 ≅ 41 17 ≅ 58 16 ≅ 12 16 ≈ 06 15 € 42 14 ° 54 15 ≅ 37 17 ≅ 07 17 ≈ 02 16 € 39 15 ° 53 16 ≅ 35 18 ≅ 01 19 ≅ 16 ≅ 29 16 ≈ 30 15 € 54 14 ° 49 15 ≅ 30 17 ≅ 15 17 ≈ 14 16 € 44 15 ° 48 16 ≅ 28 18 ≅ 18 ≅ 18 ≅ 18 ≅ 18 ≅ 18 ≅ 18 ≅ 1 | | | | 17852 |
| 18S 16€12 16≈06 15±42 14°54 15⊎37 17507 17≈02 16±39 15°53 16⊎35 18€0 19S 16€20 16≈18 15±48 14°49 15⊎30 17€15 17≈14 16±44 15°48 16⊎28 18€1 20S 16€29 16≈30 15±54 14°45 15⊎24 17€24 17≈26 16±50 15°43 16⊎22 18€1 21S 16€37 16≈42 16±00 14°40 15⊎17 17€32 17≈38 16±56 15°43 16⊎15 18€2 22S 16€46 16≈54 16±06 14°36 15⊎11 17€41 17≈50 17±02 15°43 16⊎09 18€3 23S 16€55 17≈07 16±13 14°31 15⊎04 17€50 18≈02 17±07 15°29 16⊎02 18€4 | | | | 17846 |
| 19S 16≅20 16≈18 15∺48 14°49 15∀30 17≅15 17≈14 16∺44 15°48 16∀28 18≅1 20S 16≅29 16≈30 15∺54 14°45 15∀24 17≅24 17≈26 16∺50 15°43 16∀22 18≅1 21S 16≅37 16≈42 16₩00 14°40 15∀17 17≅32 17≈38 16₩56 15°39 16∀15 18≅2 22S 16≅46 16≈54 16₩06 14°36 15∀11 17≅41 17≈50 17₩02 15°34 16∀09 18≅3 23S 16≅55 17≈07 16₩13 14°31 15∀04 17≅50 18≈02 17₩07 15°29 16∀02 18≅4 | | | | 17839 17833 |
| 20S 16₹29 16≈30 15₹54 14⁴45 15∀24 17₹24 17≈26 16¥50 15₹43 16∀22 18₹1 21S 16₹37 16≈42 16¥00 14⁴40 15∀17 17₹32 17≈38 16¥56 15₹39 16∀15 18₹2 22S 16₹46 16≈54 16₩06 14⁴36 15∀11 17₹41 17≈50 17₩02 15₹34 16∀09 18₹3 23S 16₹55 17≈07 16₩13 14⁴31 15∀04 17₹50 18≈02 17₩07 15∀29 16∀02 18₹4 | | | | 17826 |
| 21S 16 € 37 16 € 42 16 € 00 14 ♥ 40 15 ₺ 17 17 ቼ 32 17 毫 38 16 € 56 15 ♥ 39 16 ₺ 15 18 ቼ 2 22S 16 ቼ 46 16 € 54 16 € 06 14 ♥ 36 15 ₺ 11 17 ቼ 41 17 ፷ 50 17 ₭ 02 15 ♥ 34 16 ₺ 09 18 ቼ 3 23S 16 ቼ 55 17 € 07 16 ₭ 13 14 ♥ 31 15 ₺ 04 17 ቼ 50 18 € 02 17 ₭ 07 15 ♥ 29 16 ₺ 02 18 ቼ 4 | | | | 17820 |
| 238 16355 17≈07 16∺13 14°731 15804 17350 18≈02 17∺07 15°729 16802 1834 | | | | 17813 |
| | | | | 17806 |
| 245 17 304 17 × 19 10 × 19 14 + 27 14 G37 17 G39 18 × 14 17 × 13 13 + 24 13 G33 18 G3 | | | | 16859 16852 |
| 1 250 17714 17 22 16 V 25 14 W 22 14 V 51 18 708 18 27 17 V 10 15 W 10 15 V 48 10 70 | | | | |
| 258 17514 17\infty32 16\infty25 14\infty22 14\infty51 18\infty80 18\infty27 17\infty19 15\infty19 15\infty48 19\infty60 268 17\infty23 17\infty44 16\infty31 14\infty17 14\infty44 18\infty18 18\infty39 17\infty25 15\infty14 15\infty41 19\infty19 15\infty14 15\infty14 19\infty19 15\infty14 15\infty14 19\infty19 15\infty14 | 1 | | | 16845 16838 |
| 278 17832 17∞57 16∺37 14°13 14⊌37 18€27 18∞51 17∺31 15°09 15⊌34 19€2 | | | | 16831 |
| 28S 17542 18≈10 16∺43 14°08 14830 18537 19≈04 17∺36 15°04 15827 1953 | | | | 16823 |
| 298 17852 18≈23 16∺50 14°703 14822 18847 19≈17 17∺42 14°759 15819 1984 | 1 20≈11 | 11 18 + 35 | 15 755 | 16816 |
| 30S 18€02 18€36 16€56 13°58 14⊌15 18€57 19€30 17€48 14°54 15⊌12 19€5 | | | | 16808 |
| 31S 18512 18\$\infty 49 17\$\infty 62 13\$\infty 54 14\$\infty 68 19\$\infty 67 19\$\infty 43 17\$\infty 54 14\$\infty 49 15\$\infty 64 20\$\infty 69\$\infty 69\$\i | | | | 16 8 01 15 8 53 |
| 338 18₹34 19≈16 17¥15 13°¥4 13₹52 19₹28 20≈09 18¥06 14°¥39 14₹49 20₹2 | | | | 15845 |
| 34S 18345 19≈30 17±21 13 ° 39 13 844 19339 20≈23 18±12 14 ° 33 14 841 2033 | 3 21≈16 | 16 19 X 02 | 15℃28 | 15837 |
| 35S 18♂56 19∞44 17∺28 13°√34 13⊌36 19♂50 20∞37 18∺18 14°√28 14⊌32 20♂4 | | | | 15828 |
| 368 19507 19≈58 17 ± 34 13 ± 29 13 ± 28 20 ± 30 20≈51 18 ± 24 14 ± 23 14 ± 24 20 ± 5 10 ± 10 20 ± 13 17 ± 14 ± 16 21 ± 20 ± 20 ± 16 ± 16 ± 20 ± 20 ± 20 ± 20 ± 20 ± 20 ± 20 ± 2 | | | | 15820 |
| 378 19519 20≈13 17 ± 41 13 ± 24 13 ± 25 20 ± 13 21 ≈ 05 18 ± 30 14 ± 17 14 ± 16 21 ± 15 20 ± 21 ≈ 18 ± 30 14 ± 17 14 ± 16 21 ± 15 20 ± 21 ≈ 19 18 ± 36 14 ± 12 14 ± 16 21 ± 16 ± 16 ± 16 ± 16 ± 16 ± 16 ± 16 ± | | | | 15 8 11 15 8 02 |
| 398 19344 20≈42 17∺54 13°13 13802 20338 21≈34 18∺42 14°06 13858 2133 | | | | 14853 |
| 40S 19357 20≈58 18±01 13 ~ 08 12 ≥ 53 20 ₹ 51 21 ≈ 49 18 ± 49 14 ~ 00 13 ≥ 49 21 ₹ 4 | 1 22≈40 | 40 19 X 37 | 14 Y 53 | 14844 |
| 41S 20♂10 21≈13 18∺08 13 ° 02 12 844 21 ₹04 22≈04 18∺55 13 ° 54 13 8 39 21 ₹5 | 7 22≈55 | | | 14834 |
| 42S 20 324 21 ≈ 29 18 × 15 12 ° 57 12 8 35 21 31 7 22 ≈ 20 19 × 01 13 ° 48 13 8 30 22 31 31 32 32 32 33 33 33 33 33 33 33 33 33 33 | | | | 14825 |
| 43S 20 838 21 845 18 822 12 951 12 825 21 831 22 835 19 808 13 942 13 820 22 82 44S 20 853 22 802 18 829 12 945 12 815 21 846 22 852 19 815 13 936 13 810 22 83 | | | | 14815 14804 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | 13853 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | 13833 |
| 478 21540 22≈54 18∺50 12°727 11843 22533 23≈42 19∺35 13°717 12837 2352 | 5 24≈31 | 31 20 X 19 | 14℃07 | 13831 |
| 48S 21 557 23 ≈ 12 18 € 58 12 № 11 18 32 22 549 24 ≈ 00 19 € 42 13 № 11 12 826 23 54 40S 22 ₹ 15 23 ≈ 30 19 € 05 12 № 15 11 8 20 23 ₹ 07 24 ≈ 18 19 € 06 13 № 04 12 8 14 24 ₹ 0 | | | | 13819 |
| 49S 22\tilde{3}15 23\tilde{3}30 19\tilde{4}05 12\tilde{4}15 11\tilde{3}20 23\tilde{3}07 24\tilde{4}18 19\tilde{4}49 13\tilde{4}04 12\tilde{4}14 24\tilde{5}0 | | | | 13807 |
| 50S 22333 23849 19 ± 13 12 ± 08 11 ± 08 23 ± 25 24 ± 37 19 ± 56 12 ± 57 12 ± 01 24 ± 15 51S 22 ± 52 24 ± 09 19 ± 21 12 ± 02 10 ± 56 23 ± 45 24 ± 56 20 ± 04 12 ± 05 11 ± 49 24 ± 33 | | | | 12855 12842 |
| 528 23 ₹ 24 ≈ 29 | | | | 12828 |
| 53S 23♂34 24≈50 19∺37 11㎡48 10⊌29 24♂26 25≈36 20∺19 12㎡35 11⊌21 25♂1 | 7 26≈23 | 23 21 🗙 00 | 13 ℃ 22 | 12814 |
| 54S 23♂56 25≈12 19∺46 11°¥1 10⊌15 24♂48 25≈57 20∺26 12°¥27 11⊌07 25♂3 | | | | 11859 |
| 558 24€20 25≈34 19€54 11♥33 10€00 25€11 26≈19 20€34 12♥19 10€52 26€0 | | | | 11844 |
| 568 24345 25\$\infty\$56 20\infty\$03 11\times\$25 9845 25\stacks636 26\$\infty\$41 20\infty\$42 12\times\$11 10\times\$36 26\times\$25 25\times\$11 26\$\infty\$20 20\infty\$12 11\times\$18 9829 26\times\$02 27\$\infty\$04 20\infty\$51 12\times\$03 10\times\$20 26\times\$55 | | | | 11828 11811 |
| 588 25₹39 26≈44 20 ± 21 11 ± 10 9€12 26₹30 27≈28 20 ± 59 11 ± 50 10€20 20€30 27₹20 20 ± 50 20 ± | | | | 10853 |
| 59S 26B09 27≈10 20∺30 11Y01 8⊌54 26B59 27≈53 21∺08 11Y45 9⊌45 27B4 | | | | 10835 |
| 60S 26341 27≈36 20∺40 10°752 8836 27331 28≈19 21∺17 11°36 9826 2832 | 1 | | | 10816 |
| 61S 27516 28≈03 20 ± 49 10 ± 43 8816 28 ± 64 28 ± 64 21 ± 64 11 ± 64 9805 28 ± 65 27 ± 65 28 ± | | | | 9855 |
| 62S 27553 28≈32 21 € 00 10 € 34 7855 28 € 41 29≈13 21 € 36 11 € 16 8844 29 € 2 63S 28 € 33 29≈01 21 € 10 10 € 25 7833 29 € 20 29≈42 21 € 45 11 € 06 88 € 22 0≈0 | | | | 9833 9810 |
| 64S 29€17 29≈32 21 × 21 10 ° 10 ° 25 7 8 10 0 ≈ 03 0 × 12 21 × 55 10 ° 56 7 8 58 0 ≈ 5 | | | | 8846 |
| 65S 0≈05 0 € 0 € 0 € 0 € 0 € 0 € 0 € 0 € 0 € 0 | | 1 | | |
| 66S 0∞58 0₩37 21₩43 9Υ53 6₩19 1∞42 1₩16 22₩16 10Υ33 7₩06 2∞2 | | 22 22 X 39 | 11Y25 | 8820 |
| pc 1≈30 0 ± 57 21 ± 50 9 | 1 X 22 | | | 8820 7852 7836 |

| Section Sect | | Sid.Tir MC: | | 12m A 157'53 | RMC: 2 | .58°00' | Sid.Tir MC: | ne: 17h | 16m A 53'17 | RMC: 2 | 259°00' | Sid.Tir MC: | ne: 17h2 | 20m A 148'38 | RMC: 2 | 260°00' |
|---|-----|----------------|-------------------|--------------------|----------------|---------|----------------|---------|--------------------|----------------|---------|----------------|-------------------|--------------------|----------------|----------------------------------|
| Section Sect | Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| See | | | | | | _ | | | | | | | | | | 22824 |
| 185 1865 1866 1874 19713 19713 1980 17854 1876 18714 1872 19714 1875 1876 18714 1872 18714 1872 18714 1872 18714 1872 18714 18 | | | | | | | | | | | | | | | | 22818 |
| 48 17-606 66-81 17-1/20 19-907 20-908 18-908 18-908 18-908 18-908 18-908 19-908 21-909 21-90 | | | | | | _ | | | | | _ | | | | | 22 8 11 22 8 05 |
| Section 1988 1989 1999 1995 1881 174-20 18413 20794 2083 1980 18408 19410 21797 | | | | | | | | | | | | | | | | 21858 |
| 65 7622 66-41 77431 8876 9948 88217 77-40 88743 9978 20447 99613 88-99 9943 20795 2185 8857 78-65 77-65 77-60 77-40 88743 99638 88-92 | 5S | 17天14 | 16 8 29 | 17¥25 | 19 ° 01 | | 18云10 | 17≈29 | | 20℃04 | 20853 | 19306 | 18 ≈ 28 | 19¥30 | 21 207 | 21852 |
| 188 17637 17648 17841 17841 18745 18925 18240 18841 18847 18741 18271 | | | | | | | | | | | | | | 1 | | 21845 |
| 1985 17645 17646 17846 17847 18746 18745 | | | | | | | | | | | | | | | | 21839 |
| 1985 176-56 176-57 178 | | | | | | | | | | | | | | | | 21832 21826 |
| 185 188-00 179-37 179-57 18729 19916 185-56 188-35 189-37 199-30 2014 199-52 199-34 199-57 207-35 218-35 188-36 178-59 189-47 189-36 199-46 199-40 199-77 199-96 200-80 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 199-36 199-47 | | | | | | | | | | | | | | | | |
| 185 1850 17-648 18702 18712 18713 1861 18714 18715 | | | | | | | | | | | | | | | | 21819 21813 |
| 188 188 1 78-99 189-07 189-08 198-08 198-09 199- | | | | | | | | | | | | | | | | 21806 |
| 1885 18842 18843 18842 18795 18850 1923 1944 19425 18795 18856 1933 1944 19425 18795 18857 18858 18857 18856 1883 18746 18844 18425 18857 18858 18 | 13S | | 17≈59 | | 18 Ƴ 18 | | 19궁12 | 18≈57 | 19 X 07 | 19Ƴ19 | | 20중07 | 19≈55 | 20 ¥ 06 | | 20859 |
| 168 18-241 18-243 18-22 18-25 18-2 | 14S | 18중24 | 18≈11 | 18 ∺ 12 | 18Ƴ13 | 18857 | 19る20 | 19≈08 | 19 X 11 | 19Ƴ13 | 19855 | 20중15 | 20≈06 | 20 X 10 | 20 Υ 13 | 20853 |
| 175 1864 1864 1874 1875 1887 1964 1942 1942 1875 1886 1873 1965 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1986 1875 1876 1886 1875 1876 1886 1875 1876 1886 1875 1876 1886 1875 1876 1886 1875 1876 1 | | | - | | | | | | | | | | | | | 20846 |
| 1885 1896 1890 1813 17746 1882 1962 1983 1973 1873 1982 1983 1983 1984 1884 | | | | | | | | | | | | | | | | 20839 20833 |
| 1986 19-807 19-807 18-74 18-87 20-801 20-804 19-814 18-87 20-805 19-804 20-805 19-805 20-805 | | | | 1 | | | | | | | _ | | | | | 20833 |
| 218 19622 19636 18648 17735 18810 20618 20626 19443 18733 19808 21813 21622 20439 19726 1933 19340 19653 18745 18803 20256 20635 206349 19453 18742 18854 21830 21643 20448 19726 19248 19459 20635 20649 19453 20635 20649 19453 20635 20649 19453 20635 20649 19453 20635 20636 | | | | | | | | | | | | | | | | 20819 |
| 218 19622 19636 18648 17735 18810 20618 20626 19443 18733 19808 21813 21622 20439 19726 1933 19340 19653 18745 18803 20256 20635 206349 19453 18742 18854 21830 21643 20448 19726 19248 19459 20635 20649 19453 20635 20649 19453 20635 20649 19453 20635 20649 19453 20635 20636 | 20S | 19궁14 | 19≈19 | 18 | 17Ƴ41 | 18817 | 20궁09 | 20≈15 | 19 x 39 | 18 Ƴ 39 | 19815 | 21중04 | 21≈11 | 20 X 35 | 19Ƴ38 | 20812 |
| 285 19840 19945 19407 17419 17469 20845 20945 21940 19457 18716 1846 21830 21465 20485 20484 21930 21450 20485 20485 20485 20486 22687 22685 20857 22685 20857 | | | | | | 18810 | 20중18 | | | | 19808 | | | | | 20805 |
| 248 19549 20=05 19HQ 17P19 17H9 20544 21=01 19H7 18P16 18H6 21539 21=56 20H2 19P14 18P30 2785 20H17 20=41 19H17 17P02 17B28 21611 21=36 20H06 18P05 18B32 21537 22=19 21H00 19P01 19P32 2785 20H17 20=41 19H17 17P02 17B28 21611 21=36 20H16 18P05 18B32 21537 22=19 21H00 19P01 19P32 2785 20H37 20=41 19H17 17P02 17B28 21611 21=36 20H11 17P05 18B24 2256 22=36 21H04 18P75 19P32 2395 20H36 21=36 | | | | | | | | | | | | | | | | 19 8 58 |
| 258 1958 20647 99407 17913 17942 20633 21642 20400 189715 18940 21648 22607 20856 19917 17908 17935 21809 22424 20406 189705 18922 21650 22840 21400 199707 199807 | | | | | | | | | | | | | | | | 19831 |
| 268 20\(200.00 \) 20\(200.00 \) 9\(411 \) 17708 17808 21812 21824 20466 18705 18705 18204 22830 21840 18705 19828 22820 22820 22840 21840 18705 18208 22820 22820 22840 21840 18705 18208 22820 22862 22864 21848 18749 19828 22862 22865 22865 21840 21848 18743 19828 22865 22865 21840 21848 22865 22865 22865 21840 22865 22865 22865 22865 21840 22865 | | | | | | | | | | | | | | | | 19836 |
| 288 20\(2026 20\(60855 \) 9\(1)\(222 \) 16\(\cap{7}\)57 17\(1)\(10915 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 21\(10545 \) 22\(10545 | | | | | | | | | | | | | | | | 19829 |
| 2985 20\(\overline{2}\) 20\(\overline{3}\) 6 21\(\overline{6}\) 6 16\(\overline{7}\) 6 17\(\overline{8}\) 6 22\(\overline{1}\) 22\(\overline{8}\) 2 22\(\overline{8}\) 6 21\(\overline{8}\) 6 21\(\overline{8}\) 6 21\(\overline{8}\) 6 22\(\overline{8}\) 2 22\(\overline{8}\) 2 22\(\overline{8}\) 2 22\(\overline{8}\) 2 22\(\overline{8}\) 2 22\(\overline{8}\) 6 21\(\overline{8}\) 6 23\(\overline{8}\) 6 21\(\overline{8}\) 6 21\(\overline{8}\) 6 21\(\overline{8}\) 6 21\(\overline{8}\) 6 22\(\overline{8}\) 2 22\(\overline{8}\) 6 21\(\overline{9}\) 6 23\(\overline{8}\) 6 21\(\overline{8}\) 6 21\(\overline{8}\) 6 22\(\overline{8}\) 2 22\(\overline{8}\) 6 21\(\overline{9}\) 6 21\(\overline{8}\) 6 22\(\overline{8}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 22\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 21\(\overline{9}\) 6 21\(\overline{9}\) 6 22\(\overline{9}\) 6 | | | | | | | | | | | | | | | | 19821 |
| 308 | | | | | | | | | | | | | | | | 19813 |
| 31S 20\(26.6 \) 2 2 30 99.437 16740 16857 21850 22\(22.4 \) 20\(42.9 \) 17735 17853 22\(52.4 \) 23\(23.6 \) 21\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23.6 \) 3 21\(22.6 \) 3 23\(23 | | | | | | | | | | | | l . | | | | 19805 |
| 328 21760 21643 19443 16744 16649 22760 22636 20434 17729 17845 22655 23640 21452 18771 18338 21617 21656 1948 166728 16641 22611 22649 20439 17723 17837 23655 23642 21429 18711 18348 21627 22609 19853 16722 16833 22622 23602 20443 17716 17820 23627 24607 21438 18701 18368 21638 22635 22635 20438 16710 16816 22644 23633 23615 20448 17710 17820 23627 24607 21438 18701 18388 22613 22639 20403 16710 16816 22644 23628 20453 16770 17704 17811 23638 24620 21442 17757 18388 22613 23630 20414 15758 15858 23607 23655 21434 16737 17704 17811 23638 24620 21464 17757 17753 17744 17757 17758 | | | | | | | | | | | _ | | | | | 18 8 58 |
| 348 21 \(\frac{12}{2}\) 22 \(\sigma 09\) 9\(\frac{1}{2}\) 16 \(\frac{2}{2}\) 16 \(\frac{2}{3}\) 16 \(\frac{2}{2}\) 23 \(\frac{2}{2}\) 23 \(\sigma 02\) 20 \(\frac{4}{3}\) 17 \(\frac{1}{6}\) 17 \(\frac{2}{2}\) 23 \(\frac{1}{6}\) 23 \(\frac{1}{6}\) 18 \(\ | | | | | | | | | | | | | | | | 18841 |
| 35S 21838 22\times 22 19\times 16\times 16 16\times 22 22\times 33 23\times 15 20\times 48 17\times 10 17\times 20 23\times 27 24\times 07 21\times 38 18\times 04 18\times 18\times 378 22\times 10 22\times 49 20\times 16 60\times 16 22\times 44 23\times 28 20\times 53 17\times 10 17\times 20 23\times 27 24\times 07 21\times 24\times 23 24\times 20 21\times 44 17\times 57 17\times 51 | | | | | | | | | | | | | | | | 18833 |
| 368 2 2 2 2 3 2 2 3 2 3 3 6 10 6 16 2 2 4 2 2 2 3 3 | 34S | 21중27 | | 19 X 53 | | 16833 | | | 20 X 43 | 17Ƴ16 | 17829 | 23중16 | 23≈55 | | 18Ƴ11 | 18824 |
| 378 22\(22\) 22\(244) 20\) 80\(80\) 6\(16\) 6\(16\) 7\(22\) 5\(23\) 23\(35\) 2\(32\) 3\(23\) 23\(33\) 20\) 14\(15\) 15\(75\) 15\(58\) 23\(35\) 2\(16\) 16\(75\) 16\ | | | | | | | | | | | | | | | | 18816 |
| 388 22513 23\$\infty 23\$\infty 15\infty 15\infty 15\infty 15\infty 15\infty 15\infty 15\infty 15\infty 23\infty 24\$\infty 23\infty 23\infty 24\$\infty 23\infty 24\$\infty 23\infty 23\infty 24\$\infty 23\infty 24\$\infty 23\infty 24\infty 23\infty 23\infty 23\infty 24\infty 23\infty 24\infty 23\infty 24\infty 23\infty 24\infty 24\infty | | | | | | | | | | | | | | | | 18 8 07 17 8 58 |
| 408 22538 23≈31 20±24 15°45 15839 23°32 24≈22 21±12 16°37 16834 24°52 25≈14 22±00 17°29 17°45 1485 22551 23≈46 20±30 15°38 15829 23°548 24≈37 21±17 16°30 16824 24°38 25≈28 22±05 17°22 17°42 17°43 23°518 24≈16 20±41 15°25 15809 24°51 25≈40 21±71 16°16 16804 25°50 25≈57 22±49 17°15 17°438 23°532 24≈31 20±47 15°18 14859 24°56 25≈21 21±73 16°16 16804 25°50 25≈57 22±14 17°07 16°48 23°532 24≈31 20±47 15°18 14859 24°56 25≈21 21±33 16°09 15853 25°519 26≈11 22±19 17°00 16°48 24°502 25≈30 20±58 15°04 14837 24°55 25≈53 21±33 16°09 15853 25°519 26≈11 22±19 17°00 16°48 24°502 25≈30 20±58 15°04 14837 24°55 25≈53 21±33 16°09 15853 25°548 26°42 22±23 16°52 16°48 46°48 24°53 25≈33 22±33 16°36 16°48 25≈20 21±04 14°475 14825 25≈11 26≈09 21±49 15°46 15819 26°504 26°48 22±33 16°36 16°48 24°53 25≈54 21±16 14°41 14801 25°545 26°46 22±105 15°30 14854 26°52 27≈48 22±43 16°728 16°36 | | | | | | | | _ | | | | | | | | 17848 |
| 418 22\tilde{S} 23\tilde{A} 20\tilde{A} 30 15\tilde{Y} 38 15\tilde{Y} 23\tilde{S} 24\tilde{S} 24\tilde{S} 21\tilde{H} 24\tilde{S} 25\tilde{S} 22\tilde{S} 17\tilde{Y} 21\tilde{T} 16\tilde{Y} 30 16\tilde{V} 24\tilde{S} 25\tilde{S} 22\tilde{Y} 17\tilde{Y} 17\tilde{Y} 16\tilde{Y} 1 | 39S | 22중25 | 23≈17 | 20 X 19 | 15Ƴ51 | 15849 | 23궁19 | 24≈08 | 21 X 07 | 16Ƴ44 | 16844 | 24중13 | 25≈00 | 21 X 56 | 17Ƴ37 | 17839 |
| 428 23 \overline{A28} 24 \overline{A28} 24 \overline{A18} | | | | | | | | | | | | | | | | 17829 |
| 438 23 23 24 24 26 20 441 15 25 15 26 24 25 25 21 23 31 16 60 60 16 60 40 25 25 25 22 22 14 17 70 16 64 64 25 25 23 23 24 23 20 44 15 15 18 14 15 18 24 24 25 25 21 13 31 16 70 15 15 25 15 26 11 22 11 17 70 16 16 46 24 24 24 24 25 25 23 21 13 31 15 70 16 15 74 14 14 14 14 14 14 14 | | | | | | | | | | | | | | | | 17819 |
| 44S 23 \(\overline{\overline{\colored}} 24 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 24 \overline{\overline{\sigma}} 25 \overline{\overline{\sigma}} 24 \overline{\overline{\sigma}} 25 \overline{\overline{\overline{\sigma}} 25 \overline{\overline{\overline{\sigma}} 25 \overline{\overl | | | | 1 | | | | | | | l | | | 1 | | 17809 16858 |
| 458 23 \(\frac{3}{4}\) 24 \(\sigma 47\) 20 \(\sigma 52\) 15 \(\gamma 11\) 14 \(\sigma 48\) 24 \(\frac{3}{6}\) 25 \(\sigma 37\) 21 \(\sigma 38\) 15 \(\gamma 68\) 25 \(\sigma 33\) 26 \(\sigma 62\) 22 \(\sigma 23\) 16 \(\gamma 52\) 16 \(\gamma 64\) 14 \(\sigma 63\) 25 \(\sigma 63\) 25 \(\sigma 63\) 20 \(\sigma 58\) 15 \(\gamma 64\) 14 \(\sigma 63\) 25 \(\sigma 63\) 25 \(\sigma 64\) 25 \(\sigma 64\) 14 \(\sigma 64\) 1 | | | | | | | | | | | | | | | | 16847 |
| 468 | | | | | | | | | | | | l . | | | | 16836 |
| 48S 24\(\pi 35\) 25\(\pi 37\) 21\(\pi 10\) 14\(\pi 49\) 14\(\pi 14\) 25\(\pi 27\) 26\(\pi 26\) 21\(\pi 57\) 15\(\pi 30\) 15\(\pi 30\) 15\(\pi 30\) 15\(\pi 30\) 15\(\pi 30\) 15\(\pi 30\) 16\(\pi 40\) 22\(\pi 38\) 16\(\pi 28\) 16\(\pi 19\) 15\(\pi 30\) 15\(\pi 30\) 14\(\pi 40\) 25\(\pi 45\) 26\(\pi 40\) 25\(\pi 510\) 26\(\pi 12\) 14\(\pi 14\) 14\(\pi 14\) 14\(\pi 14\) 14\(\pi 14\) 14\(\pi 26\) 27\(\pi 30\) 22\(\pi 60\) 15\(\pi 25\) 15\(\pi 22\) 14\(\pi 14\) 14\(\pi 14\) 14\(\pi 26\) 26\(\pi 20\) 27\(\pi 14\) 14\(\pi 14\) 14\(\pi 26\) 15\(\pi 26\) 15\(\pi 22\) 14\(\pi 44\) 26\(\pi 55\) 27\(\pi 48\) 22\(\pi 48\) 15\(\pi 14\) 14\(\pi 44\) 26\(\pi 55\) 27\(\pi 32\) 28\(\pi 60\) 23\(\pi 14\) 14\(\pi 44\) 14\(\pi 74\) 14\(\pi 47\) 14\(\pi 44\) 14\(\pi 47\) | 46S | 24중02 | 25≈03 | 20 X 58 | 15Ƴ04 | 14837 | 24궁55 | 25≈53 | 21 X 43 | 15Ƴ54 | 15831 | 25중48 | 26≈42 | 22 X 28 | 16Ƴ44 | 16824 |
| 498 | | | I | 1 | | | | | | 1 | l | | | 1 | | 16812 |
| 50S 25∃10 26≈12 21∺22 14™34 13⊗48 26∃02 27≈00 22±05 15™22 14₩41 26∃55 27≈48 22±48 16™10 15 51S 25∃29 26≈31 21±29 14™26 13⊗34 26∃21 27≈18 22±11 15™14 14₩27 27∃13 28≈05 22±54 16™01 15 52S 25∃48 26≈50 21±35 14™17 13⊗21 26∃40 27≈36 22±17 15™05 14₩13 27∃32 28≈23 22±59 15™52 15 53S 26∃09 27≈09 21±42 14™09 13⊗06 27∃01 27≈55 22±23 14™56 13⊗59 27∃52 28≈42 23±04 15™33 14 54S 26∃31 27≈29 21±48 14™00 12⊗36 27∃44 28≈35 22±33 14™37 13⊗27 28∃35 29≈21 23±10 15™33 14 55S 26∃33 27≈50 21±55 13™51 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>16800 15847</th></th<> | | | | | | | | | | | | | | | | 16800 15847 |
| 51S 25 ± 29 26 ≈ 31 21 ± 29 14 Ψ 26 13 ₺ 34 26 ± 21 27 ≈ 18 22 ± 11 15 № 14 14 ₺ 27 27 ± 13 28 ≈ 05 22 ± 54 16 № 01 15 52S 25 ± 48 26 ≈ 50 21 ± 35 14 Ψ 17 13 ₺ 21 26 ± 40 27 ≈ 36 22 ± 17 15 № 05 14 ₺ 13 27 ± 32 28 ≈ 23 22 ± 59 15 № 52 15 53S 26 ± 09 27 ≈ 09 21 ± 42 14 Ψ 09 13 ₺ 06 27 ± 01 27 ≈ 55 22 ± 29 14 Ψ 75 13 ₺ 43 28 ± 13 29 ≈ 01 23 ± 10 15 № 13 54S 26 ± 31 27 ≈ 29 21 ± 48 14 Ψ 00 12 ₺ 51 27 ± 22 28 ≈ 15 22 ± 29 14 Ψ 47 13 ₺ 43 28 ± 13 29 ≈ 01 23 ± 10 15 № 13 14 № 13 27 ± 22 28 ≈ 35 22 ± 29 14 Ψ 47 13 ₺ 43 28 ± 13 29 ≈ 01 23 ± 10 15 № 13 14 № 14 14 № 14 14 № 14 14 № 14 14 № 14 14 № 14 14 № 14 14 № 14 | | | | | | | | | | | | | | | | 15834 |
| \$\frac{52S}{25\text{8}} 26\text{50}{8}\$ 21 23 14 17 13 21 26 40 27 36 22 17 15 05 14 13 27 23 28 23 24 15 25 35 26 30 27 20 21 44 14 40 13 40 12 51 27 22 28 15 22 22 22 23 14\text{ | | | | | | | | | | | | | | | | 15820 |
| 54S 26 8 31 27 ≈ 29 21 * 448 14 \$\tau\$00 12 8 51 27 8 22 28 ≈ 15 22 * 29 14 \$\tau\$47 13 8 43 28 8 13 29 ≈ 01 23 * 10 15 \$\tau\$33 14 55S 26 8 53 27 ≈ 50 21 * 55 13 \$\tau\$51 12 8 36 27 ₹ 44 28 ≈ 35 22 * 35 14 \$\tau\$37 13 8 27 28 ₹ 35 29 ≈ 21 23 * 16 15 \$\tau\$42 14 25 \$\tau\$56 27 ₹ 17 28 ≈ 11 22 * 02 13 \$\tau\$42 12 8 19 28 ₹ 30 28 ≈ 56 22 * 42 14 \$\tau\$28 13 8 11 28 ₹ 59 29 ≈ 41 23 * 42 15 \$\tau\$13 14 25 ₹ 57 27 ₹ 43 28 ≈ 33 22 * 09 13 \$\tau\$33 12 8 02 28 ₹ 33 29 ≈ 17 22 * 448 14 \$\tau\$18 12 \$\tau\$53 29 ₹ 24 0 \$\tau\$02 28 ₹ 33 29 ≈ 17 22 * 448 14 \$\tau\$18 12 \$\tau\$35 29 ₹ 24 0 \$\tau\$02 23 * 24 0 \$\tau\$02 23 * 24 0 \$\tau\$03 23 * 24 0 \$\tau\$02 23 * 24 0 \$\tau\$03 24 \$\tau\$04 24 \$\tau\$04 | 52S | 25중48 | 26≈50 | 21 X 35 | 14Ƴ17 | 13821 | 26중40 | 27≈36 | 22 X 17 | 15 Y 05 | 14813 | 27중32 | 28≈23 | 22 X 59 | 15Ƴ52 | 15806 |
| 55S 26 \$\overline{S}53\$ 27 \$\infty 50\$ 21 \$\infty 55\$ 13 \$\nampsi 51\$ 12 \$\overline{S}66\$ 27 \$\overline{S}44\$ 28 \$\infty 35\$ 22 \$\overline{S}35\$ 29 \$\infty 21\$ 23 \$\overline{S}46\$ 14 \$\overline{S}56\$ 27 \$\overline{S}17\$ 28 \$\overline{S}11\$ 22 \$\overline{S}402\$ 13 \$\nampsi 42\$ 12 \$\overline{S}402\$ 28 \$\overline{S}65\$ 22 \$\overline{H}42\$ 13 \$\overline{S}11\$ 28 \$\overline{S}59\$ 29 \$\overline{A}41\$ 23 \$\overline{H}22\$ 15 \$\overline{S}713\$ 14 \$\overline{S}735\$ 29 \$\overline{A}41\$ 23 \$\overline{S}724\$ 14 \$\overline{S}735\$ 29 \$\overline{A}24\$ 14 \$\overline{S}724\$ 14 \$\overline{S}735\$ 29 \$\overline{A}41\$ 22 \$\overline{A}44\$ 24 \$\overline{S}742\$ 14 \$\overline{S}735\$ 29 \$\overline{A}54\$ 0 \$\overline{A}61\$ 29 \$\overline{A}53\$ 29 \$\overline{A}53\$ 29 \$\overline{A}53\$ 29 \$\overline | | | | | | | | | | | | | | | | 14851 |
| 56S 27517 28≈11 22 ± 02 13 ± 42 12 ± 19 28 ± 08 28 ± 56 22 ± 42 14 ± 28 13 ± 11 28 ± 59 29 ≈ 41 23 ± 22 15 ± 13 14 57S 27 ± 43 28 ≈ 33 22 ± 09 13 ± 33 12 ± 02 28 ± 33 29 ≈ 17 22 ± 48 14 ± 18 12 ± 53 29 ± 24 0 ± 02 23 ± 27 15 ± 03 13 58S 28 ± 10 28 ≈ 56 22 ± 16 13 ± 23 11 ± 44 29 ± 00 29 ≈ 40 22 ± 55 14 ± 08 12 ± 35 29 ± 50 0 ± 23 23 ± 34 14 ± 52 13 18 ± 18 29 ± 28 0 ± 03 23 ± 02 13 ± 57 12 ± 16 0 ≈ 18 0 ± 46 23 ± 40 14 ± 41 13 60S 29 ± 09 29 ≈ 44 22 ± 32 13 ± 03 11 ± 05 29 ± 58 0 ± 23 23 ± 02 13 ± 55 0 ≈ 47 1 ± 09 23 ± 46 14 ± 29 12 61S 29 ± 42 0 ± 09 22 ± 39 12 ± 52 10 ± 44 0 ≈ 30 | | | | | | | | | | | | | | | | 14835 |
| 578 27 543 28 \$\infty 33\$ 22 \$\infty 09\$ 13 \$\gamma 33\$ 12 \$\infty 02\$ 28 \$\infty 33\$ 29 \$\infty 17\$ 22 \$\infty 48\$ 14 \$\gamma 18\$ 12 \$\infty 53\$ 29 \$\infty 24\$ 0 \$\infty 02\$ 23 \$\infty 27\$ 15 \$\gamma 03\$ 13 \$\gamma 33\$ 12 \$\infty 03\$ 13 \$\gamma 33\$ 29 \$\infty 18\$ 22 \$\infty 18\$ 12 \$\infty 53\$ 29 \$\infty 50\$ 0 \$\infty 23\$ 23 \$\infty 23\$ 11 \$\infty 52\$ 13 \$\gamma 13\$ 11 \$\infty 52\$ 29 \$\infty 63\$ 12 \$\infty 53\$ 29 \$\infty 50\$ 0 \$\infty 63\$ 22 \$\infty 52\$ 13 \$\gamma 13\$ 11 \$\infty 52\$ 29 \$\infty 52\$ 0 \$\infty 63\$ 29 \$\infty 52\$ 0 \$\infty 63\$ 29 \$\infty 52\$ 13 \$\gamma 13\$ 11 \$\infty 52\$ 29 \$\infty 52\$ 0 \$\infty 64\$ 13 \$\gamma 57\$ 12 \$\infty 16\$ 0 \$\infty 46\$ 14 \$\infty 52\$ 14 \$\gamma 13\$ 14 \$\gamma 14\$ 14 \$\gamma 19\$ 1 | | | | | | | | | | | | | | | | 14819 14802 |
| 58S 28 ± 10 28 ± 56 22 ± 16 13 ± 23 11 ± 44 29 ± 00 29 ± 40 22 ± 55 14 ± 08 12 ± 35 29 ± 50 0 ± 23 23 ± 34 14 ± 52 13 ± 35 29 ± 55 14 ± 08 12 ± 35 29 ± 50 0 ± 23 23 ± 34 14 ± 52 13 ± 53 29 ± 35 29 ± 36 0 ± 23 24 ± 0 ± 24 13 ± 13 11 ± 25 29 ± 58 0 ± 03 23 ± 02 13 ± 57 12 ± 16 0 ± 18 0 ± 46 23 ± 40 14 ± 41 13 60S 29 ± 509 29 ± 44 22 ± 32 13 ± 03 11 ± 05 29 ± 58 0 ± 23 13 ± 04 14 ± 04 13 ± 04 12 ± 12 14 ± 04 13 ± 04 12 ± 24 14 ± 04 13 ± 04 12 ± 24 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 13 ± 04 14 ± 04 13 ± 04 | | | | | | | | | | | | | | | | 13844 |
| 60S 29≅09 29≈44 22 ± 32 13 ± 03 11 ± 05 29 ± 58 0 ± 26 23 ± 09 13 ± 46 11 ± 55 0 ≈ 47 1 ± 09 23 ± 46 14 ± 29 12 61S 29 ± 42 0 ± 09 22 ± 39 12 ± 52 10 ± 44 0 ≈ 30 0 ± 51 23 ± 16 13 ± 35 11 ± 33 23 ± 53 14 ± 17 12 62S 0 ≈ 17 0 ± 35 22 ± 47 12 ± 41 10 ± 22 1 ≈ 05 1 ± 17 23 ± 23 13 ± 23 11 ± 11 1 ≈ 53 1 ± 58 23 ± 59 14 ± 05 12 63S 0 ≈ 55 1 ± 03 22 ± 56 12 ± 29 9 ± 59 1 ≈ 42 1 ± 44 23 ± 31 13 ± 11 10 ± 47 2 ≈ 30 2 ± 24 2 ± 40 61 ± 3 ± 31 12 ± 58 2 ± 23 2 ± 11 23 ± 39 12 ± 58 12 ± 3 ± 39 12 ± 58 13 ± 23 13 ± 23 10 ± 22 3 ≈ 69 2 ± 51 2 ± 41 3 ± 23 12 ± 41 2 ± 42 2 ± 42 2 ± 48 2 ± 42 2 ± 44 <t< th=""><th>58S</th><th>28중10</th><th></th><th>22 ¥ 16</th><th>13Ƴ23</th><th>11844</th><th>29궁00</th><th>29≈40</th><th>22 X 55</th><th>14Y08</th><th>12835</th><th></th><th>0 ¥ 23</th><th>23 X 34</th><th></th><th>13825</th></t<> | 58S | 28중10 | | 22 ¥ 16 | 13Ƴ23 | 11844 | 29궁00 | 29≈40 | 22 X 55 | 14 Y 08 | 12835 | | 0 ¥ 23 | 23 X 34 | | 13825 |
| 61S 29\overline{3} | 59S | 28중38 | 29≈19 | 22 X 24 | 13 ℃ 13 | 11825 | 29중28 | 0 ¥ 03 | 23 ¥ 02 | 13 Ƴ 57 | 12816 | 0≈18 | 0 ¥ 46 | 23 ¥ 40 | 14Ƴ41 | 13806 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | l | | | | | | | | | | | | | 12845 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | | | | | | 12823 |
| 64S $1 \approx 36$ 1×31 23×04 12×17 9×34 $2 \approx 23$ 2×11 23×39 12×58 10×22 $3 \approx 09$ 2×51 24×13 13×39 11 65S $2 \approx 21$ 2×01 23×13 12×05 9×07 $3 \approx 07$ 2×40 23×47 12×45 9×54 $3 \approx 53$ 3×20 24×21 13×25 10 66S $3 \approx 11$ 2×32 23×22 11×52 8×39 $3 \approx 55$ 3×11 23×55 12×31 9×25 $4 \approx 40$ 3×49 24×28 13×11 10 66S $3 \approx 11$ 2×32 23×22 23×22 23×23 3×11 23×55 12×31 9×25 $4 \approx 40$ 3×49 24×28 13×11 10 66S $3 \approx 11$ 2×32 23×22 21×25 23×25 3×11 23×55 3×11 23×55 3×12 3×20 24×28 13×11 10 66S 3×35 3×20 | | | | | | | | | | | I | | I | 1 | | 12800 11835 |
| 65S 2≈21 2 ± 01 23 ± 13 12 ± 05 9 ± 07 3≈07 2 ± 40 23 ± 47 12 ± 45 9 ± 54 3≈53 3 ± 20 24 ± 21 13 ± 25 10 66S 3 ≈ 11 2 ± 32 23 ± 22 11 ± 52 8 ± 39 3 ≈ 55 3 ± 11 23 ± 55 12 ± 31 9 ± 25 4 ≈ 40 3 ± 49 24 ± 28 13 ± 11 10 | | | | | | | | | | | | | | | | 11809 |
| 66S 3≈11 2 x 32 23 x 22 11 x 52 8 x 39 3 x 55 3 x 11 23 x 55 12 x 31 9 x 25 4 x 40 3 x 49 24 x 28 13 x 11 10 | | | | | | | | | | | | | | | | 10841 |
| pc 3≈41 2 € 50 23 € 27 11 € 44 8 € 22 4≈24 3 € 28 24 € 00 12 € 23 9 € 08 5≈08 4 € 06 24 € 33 13 € 02 9 | | | 2 X 32 | 23 ¥ 22 | 11Ƴ52 | 8839 | | | 23 X 55 | 12 Y 31 | I | | I | 24 ¥ 28 | 13Ƴ11 | 10812 |
| | pc | 3≈41 | 2 X 50 | 23 ¥ 27 | 11Ƴ44 | 8822 | 4≈24 | 3 ₩ 28 | 24 ₩ 00 | 12 ℃ 23 | 9808 | 5≈08 | 4 ¥ 06 | 24 X 33 | 13 ℃ 02 | 9854 |

| | Sid.Tir MC: | | 24m A 143'55 | RMC: 2 | 61°00' | Sid.Tir MC: | | 28m A 39'09 | RMC: 2 | 262°00' | Sid.Tir MC: | ne: 17h3 | 32m A 34'21 | RMC: 2 | :63°00' |
|------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|----------------------------|--|----------------------------------|----------------------------------|---|--|------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 19중24 | 18≈34 | 20 X 12 | 22Ƴ42 | 23823 | 20중20 | 19≈35 | 21 X 17 | 23Ƴ46 | 24821 | 21중16 | 20≈36 | 22 X 22 | 24Ƴ49 | 25820 |
| 1S | 19중31 | 18≈45 | 20 X 16 | 22 ℃ 35 | 23816 | 20궁27 | 19≈45 | 21 X 21 | 23 Ƴ 39 | 24815 | 21324 | 20≈46 | 22 X 26 | 24 ℃ 42 | 25813 |
| 2S | 19궁39 | 18≈56 | 20 ¥ 21 | 22Y29 | 23810 | 20중35 | 19≈56 | 21 ¥ 25 | 23 Y 32 | 24808 | 21331 | 20≈57 | 22 X 29 | 24 Y 35 | 25807 |
| 3S 4S | 19 3 46 19 3 54 | 19≈06 19≈17 | 20 \times 25 20 \times 29 | 22 Y 22 22 Y 16 | 23 8 03 22 8 57 | 20중42 20중50 | 20≈07 20≈17 | 21 ¥ 29 21 ¥ 32 | 23 \cdot 25 \\ 23 \cdot 18 | 24802 23855 | 21중39 21중46 | 21≈07 21≈18 | 22 ¥ 32 22 ¥ 36 | 24 \cdot 28 24 \cdot 21 | 25 8 00 24 8 53 |
| 5S | 20중01 | 19≈28 | 20 X 33 | 22 Y 09 | 22850 | 20중58 | 20≈28 | 21 X 36 | 23 Y 12 | 23848 | 21354 | 21≈28 | 22 X 39 | 24 Y 14 | 24846 |
| 6S | 20 5 01 20 5 09 | 19≈28 | 20 X 33 | 22 Y 09 22 Y 03 | 22843 | 20638 | 20≈28 20≈39 | 21 X 30 21 X 40 | 23 Y 12 23 Y 05 | 23842 | 21 6 34 22 중 01 | 21≈28 21≈38 | 22 X 39 | 24 Y 14 24 Y 07 | 24840 |
| 7S | 20중17 | 19≈50 | 20 × 41 | 21 Y 57 | 22837 | 21중13 | 20≈49 | 21 X 43 | 22Υ59 | 23835 | 22중09 | 21≈49 | 22 X 45 | 24Υ00 | 24833 |
| 8S | 20궁24 | 20≈00 | 20 X 45 | 21 ℃ 50 | 22830 | 21궁20 | 20≈59 | 21 X 47 | 22 Y 52 | 23828 | 22중16 | 21≈59 | 22 X 48 | 23 Y 53 | 24826 |
| 9S | 20중32 | 20≈11 | 20 X 49 | 21 ℃ 44 | 22824 | 21궁28 | 21≈10 | 21 X 50 | 22 Ƴ 45 | 23822 | 22324 | 22≈09 | 22 X 51 | 23 Ƴ 47 | 24820 |
| 10S | 20궁40 | 20≈21 | 20 X 53 | 21Ƴ38 | 22817 | 21중35 | 21≈20 | 21 X 54 | 22Ƴ39 | 23815 | 22중31 | 22≈19 | 22 X 55 | 23 ℃ 40 | 24813 |
| 118 | 20 궁 47 | 20≈32 | 20 X 57 | 21 Y 32 | 22811 | 21공43 | 21≈31 | 21 X 57 | 22Υ32 | 23808 | 22339 | 22≈29 | 22 X 58 | 23 Υ 33 | 24806 |
| 12S 13S | 20궁55 21궁03 | 20≈43 20≈53 | 21 ¥ 01 21 ¥ 05 | 21 \cdot 25 21 \cdot 19 | 22 8 04 21 8 57 | 21궁51 21궁59 | 21≈41 21≈51 | 22 ¥ 01 22 ¥ 04 | 22 \cdot 26 22 \cdot 19 | 23 8 02 22 8 55 | 22정47 22정54 | 22≈40 22≈50 | 23 ¥ 01 23 ¥ 04 | 23 \cdot 26 23 \cdot 20 | 23859 23852 |
| 14S | 21 당 03 | 20≈33 21≈04 | 21 X 09 | 21 Y 13 | 21850 | 22 중 06 | 22≈02 | 22 X 08 | 22 Υ 13 | 22848 | 22 23 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 23≈00 | 23 X 07 | 23 Υ 20 23 Υ 13 | 23845 |
| 15S | 21궁19 | 21≈14 | 21 X 13 | 21 ℃ 07 | 21844 | 22ਰ14 | 22≈12 | 22 X 11 | 22 Y 07 | 22841 | 23중10 | 23≈10 | 23 X 10 | 23℃06 | 23839 |
| 16S | 21 당 27 | 21≈25 | 21 × 16 | 21 Y 01 | 21837 | 22322 | 22≈23 | 22 X 15 | 22Υ00 | 22834 | 23 당 18 | 23≈20 | 23 X 13 | 22Υ59 | 23832 |
| 17S | 21중35 | 21≈36 | 21 ¥ 20 | 20⋎55 | 21830 | 22중30 | 22≈33 | 22 X 18 | 21 ℃ 54 | 22827 | 23중26 | 23≈31 | 23 X 16 | 22 Y 53 | 23825 |
| 18S | 21343 | 21≈46 | 21 X 24 | 20 ℃ 48 | 21823 | 22중38 | 22≈44 | 22 X 21 | 21 Y 47 | 22820 | 23중34 | 23≈41 | 23 ¥ 18 | 22Υ46 | 23817 |
| 19S | 21궁51 | 21≈57 | 21 X 28 | 20 ℃ 42 | 21816 | 22중47 | 22≈54 | 22 X 25 | 21 ℃ 41 | 22813 | 23342 | 23≈51 | 23 X 21 | 22 № 39 | 23810 |
| 20S | 22중00 | 22≈08 | 21 ¥ 32 | 20°736 | 21809 | 22중55 | 23≈05 | 22 ¥ 28 | 21Υ34 | 22806 | 23중50 | 24≈01 | 23 X 24 | 22Υ32 | 23803 |
| 21S 22S | 22る08 22る17 | 22≈19 22≈30 | 21 ¥ 35 21 ¥ 39 | 20 \gamma 30 20 \gamma 23 | 21802 20855 | 23중03 23중12 | 23≈15 23≈26 | 22 ¥ 31 22 ¥ 35 | 21 \cdot 28 21 \cdot 21 | 21859 21852 | 23궁59 24궁07 | 24≈12 24≈22 | 23 ¥ 27 23 ¥ 30 | 22 \cdot 26 22 \cdot 19 | 22856 22848 |
| 23S | 22 당 25 | 22≈41 | 21 X 43 | 20 Y 17 | 20847 | 23 당 20 | 23≈37 | 22 X 38 | 21 Y 15 | 21844 | 24316 | 24≈33 | 23 X 33 | 22 Υ 12 | 22841 |
| 24S | 22중34 | 22≈52 | 21 X 46 | 20Ƴ11 | 20840 | 23궁29 | 23≈47 | 22 X 41 | 21 Y 08 | 21837 | 24중24 | 24≈43 | 23 ¥ 36 | 22 Y 05 | 22833 |
| 25S | 22343 | 23≈03 | 21 ¥ 50 | 20か04 | 20833 | 23중38 | 23≈58 | 22 X 45 | 21 Y 01 | 21829 | 24중33 | 24≈54 | 23 X 39 | 21 Y 58 | 22826 |
| 26S | 22궁52 | 23≈14 | 21 X 54 | 19Ƴ58 | 20825 | 23중47 | 24≈09 | 22 X 48 | 20℃55 | 21822 | 24중42 | 25≈05 | 23 X 42 | 21 Y 51 | 22818 |
| 27S | 23중01 | 23≈25 | 21 X 58 | 19 7 52 | 20817 | 23궁56 | 24≈20 | 22 X 51 | 20 ° 48 | 21814 | 24궁51 | 25≈15 | 23 X 45 | 21 Υ 44 | 22810 |
| 28S 29S | 23号10 23号20 | 23≈37 23≈48 | 22 ¥ 01 22 ¥ 05 | 19Ƴ45 19Ƴ39 | 20810 20802 | 24궁05 24궁15 | 24≈32 24≈43 | 22 X 55 22 X 58 | 20 ° 41 20 ° 34 | 21806 20858 | 25 궁 00 25 궁 09 | 25≈26 25≈37 | 23 ¥ 48 23 ¥ 51 | 21 \gamma 37 21 \gamma 30 | 22 8 02 21 8 54 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 23 そ 30 23 そ 39 | 24≈00 24≈12 | 22 ¥ 09 22 ¥ 13 | 19Ƴ32 19Ƴ25 | 19854 19846 | 24중24 24중34 | 24≈54 25≈06 | 23 \times 01 23 \times 05 | 20 \cdot 27 20 \cdot 20 | 20850 20842 | 25중19 25중29 | 25≈48 26≈00 | 23 ¥ 53 23 ¥ 56 | 21 \cdot 23 \\ 21 \cdot 15 | 21846 21837 |
| 32S | 23 공 49 | 24≈24 | 22 × 17 | 19 Y 19 | 19837 | 24344 | 25≈17 | 23 × 08 | 20Υ13 | 20833 | 25중39 | 26≈11 | 23 X 59 | 21 Υ 08 | 21829 |
| 33S | 24중00 | 24≈36 | 22 ¥ 20 | 19Ƴ12 | 19829 | 24궁54 | 25≈29 | 23 X 11 | 20Y06 | 20824 | 25중49 | 26≈23 | 24 ¥ 02 | 21 Y 01 | 21820 |
| 34S | 24궁10 | 24≈48 | 22 X 24 | 19Ƴ05 | 19820 | 25쥥05 | 25≈41 | 23 X 15 | 19Ƴ59 | 20816 | 25궁59 | 26≈34 | 24 X 05 | 20 ℃ 53 | 21811 |
| 35S | 24궁21 | 25≈00 | 22 ¥ 28 | 18Ƴ58 | 19811 | 25중15 | 25≈53 | 23 X 18 | 19Ƴ52 | 20807 | 26중10 | 26≈46 | 24 ₩ 08 | 20Ƴ46 | 21802 |
| 36S | 24 궁 32 | 25≈13 | 22 ¥ 32 | 18 Y 51 | 19802 | 25중26 | 26≈05 | 23 ¥ 22 | 19 ℃ 44 | 19858 19848 | 26중21 | 26≈58 | 24 X 11 | 20Υ38 | 20853 |
| 37S 38S | 24궁43 24궁55 | 25≈26 25≈39 | 22 ¥ 36 22 ¥ 40 | 18 Ƴ 44 | 18 8 53 | 25 궁 38 25 궁 49 | 26≈18 26≈31 | 23 ¥ 25 23 ¥ 29 | 19 Y 37 | 19839 | 26 궁 32 26 궁 43 | 27≈10 27≈23 | 24 ¥ 15 | 20 \gamma 30 20 \gamma 22 | 20843 20834 |
| 39S | 25 る 07 | 25≈52 | 22 X 44 | 18 Y 29 | 18834 | 26중01 | 26≈43 | 23 × 32 | 19Y22 | 19829 | 26궁55 | 27≈35 | 24 X 21 | 20Υ14 | 20824 |
| 40S | 25궁19 | 26≈05 | 22 X 48 | 18Ƴ22 | 18824 | 26중13 | 26≈57 | 23 X 36 | 19Ƴ14 | 19819 | 27중07 | 27≈48 | 24 X 24 | 20Y06 | 20813 |
| 41S | 25중32 | 26≈19 | 22 X 52 | 18Υ14 | 18814 | 26중26 | 27≈10 | 23 X 40 | 19Ƴ06 | 19808 | 27중19 | 28≈01 | 24 X 27 | 19Υ58 | 20803 |
| 42S | 25845 | 26≈33 | 22 X 56 | 18Ƴ06 | 18803 | 26중38 | 27≈23 | 23 X 43 | 18Ƴ58 | 18858 | 27중32 | 28≈14 | 24 ¥ 30 | 19Ƴ49 | 19852 |
| 438 | 25중58 26중12 | 26≈47 27≈01 | 23 ¥ 01 23 ¥ 05 | 17 Υ 58 17 Υ 50 | 17853 | 26궁52 27궁05 | 27≈37 27≈51 | 23 X 47 | 18 ⋎ 50 18 ⋎ 41 | 18847 | 27중45 27중59 | 28≈28 28≈42 | 24 ** 34 | 19Ƴ41 19Ƴ32 | 19 8 41 19 8 30 |
| 448 | | | | | 17841 | | | 23 X 51 | | 18836 | | | 24 ¥ 37 | | |
| 45S 46S | 26 궁 26 26 궁 41 | 27≈16 27≈31 | 23 ¥ 09 23 ¥ 13 | 17 Υ 42 17 Υ 34 | 17830 17818 | 27る20 27る34 | 28≈06 28≈21 | 23 X 55 23 X 59 | 18 Ƴ 33 18 Ƴ 24 | 18 8 24 18 8 12 | 28중13 28중27 | 28≈56 29≈10 | 24 \times 40 24 \times 44 | 19 ° 23 19 ° 14 | 19 8 18 |
| 47S | 26 공 57 | 27≈47 | 23 × 18 | 17 Y 34 | 17806 | 27 공 50 | 28≈36 | 24 × 02 | 18 Y 15 | 18800 | 28 3 27 | 29≈25 | 24 X 47 | 19 ° 04 | 18853 |
| 48S | 27ਰ13 | 28≈03 | 23 ¥ 22 | 17Ƴ17 | 16853 | 28궁05 | 28≈51 | 24 X 06 | 18 Y 06 | 17847 | 28중58 | 29≈40 | 24¥51 | 18 Υ 55 | 18840 |
| 49S | 27る29 | 28≈19 | 23 X 27 | 17Ƴ08 | 16840 | 28중22 | 29≈07 | 24 ¥ 10 | 17Ƴ57 | 17834 | 29중14 | 29≈55 | 24 X 54 | 18Ƴ45 | 18827 |
| 50S | 27847 | 28≈35 | 23 ¥ 32 | 16 Υ 59 | 16827 | 28중39 | 29≈23 | 24 ¥ 15 | 17 Υ 47 | 17820 | 29중31 | 0 X 11 | 24 ¥ 58 | 18 Y 35 | 18813 |
| 51S | 28 る 05 | 28≈53 29≈10 | 23 ¥ 36 23 ¥ 41 | 16°°49 | 16813 | 28 궁 57 29 궁 16 | 29≈40 29≈57 | 24 X 19 | 17 Y 37 | 17806 | 29849 | 0 X 27 | 25 ¥ 01 | 18Y25 | 17858 17843 |
| 52S 53S | 28 궁 24 28 궁 44 | 29≈10 29≈28 | 23 X 41 | 16Ƴ40 16Ƴ30 | 15 8 58 | 29 5 16 29 중 35 | 29≈57 0 X 15 | 24 \times 23 24 \times 27 | 17 Y 27 17 Y 17 | 16 8 51 | 0≈08 0≈27 | 0 X 44 1 X 01 | 25 \times 05 25 \times 09 | 18 Υ 15 18 Υ 04 | 17827 |
| 54S | 29중05 | 29≈47 | 23 X 51 | 16 Y 20 | 15827 | 29궁56 | 0 X 33 | 24 X 32 | 17 Y 06 | 16819 | 0≈47 | 1 X 19 | 25 X 13 | 17 Y 53 | 17811 |
| 55S | 29궁27 | 0 X 06 | 23 ¥ 56 | 16Ƴ10 | 15811 | 0≈18 | 0¥51 | 24 ¥ 36 | 16 Y 56 | 16802 | 1≈09 | 1 X 37 | 25 X 17 | 17Ƴ41 | 16854 |
| 56S | 29궁50 | 0 ¥ 26 | 24 X 01 | 15 ℃ 59 | 14853 | 0≈40 | 1 X 11 | 24 X 41 | 16Ƴ44 | 15845 | 1≈31 | 1 X 56 | 25 ¥ 21 | 17 Ƴ 30 | 16836 |
| 57S | 0≈14 | 0 X 46 | 24 × 07 | 15 ° 48 | 14835 | 1≈04 | 1 X 31 | 24 X 46 | 16Y33 | 15826 | 1≈55 | 2 ¥ 15 | 25 ¥ 25 | 17 Y 18 | 16817 |
| 58S | 0≈40 1≈07 | 1 X 07 1 X 29 | 24 ¥ 12 | 15 Y 36 15 Y 25 | 14816 | 1≈30 | 1 X 51 | 24 ¥ 51 | 16°21 | 15807 | 2≈20 2≈46 | 2 X 35 2 X 56 | 25 \times 29 25 \times 34 | 17°05 | 15857 |
| 598 | | | 24 X 18 | | 13856 | 1≈57 | 2 X 13 | 24 X 56 | 16°Y09 | 14846 | 2≈46 | | | 16 Y 52 | 15836 |
| 60S 61S | 1≈36 2≈08 | 1 X 52 2 X 15 | 24 \(\pm 23\) 24 \(\pm 29\) | 15 Y 13 15 Y 00 | 13835 13812 | 2≈26 2≈56 | 2 ¥ 35 2 ¥ 57 | 25 \times 01 25 \times 06 | 15 Υ 56 15 Υ 43 | 14825 14802 | 3≈15 3≈45 | 3 × 17 3 × 40 | 25 \ 38 25 \ 43 | 16Ƴ39 16Ƴ25 | 15 8 14 14 8 51 |
| 62S | 2≈41 | 2 X 13 | 24 X 29 24 X 35 | 14°Y47 | 12849 | 3≈29 | 3 X 21 | 25 X 11 | 15 Y 43 | 13838 | 4≈17 | 4 X 03 | 25 X 47 | 16 Y 23 | 14831 |
| 63S | 3≈17 | 3 ¥ 05 | 24 X 42 | 14Ƴ34 | 12824 | 4≈04 | 3 X 46 | 25 X 17 | 15Ƴ15 | 13812 | 4≈52 | 4 ¥ 27 | 25 X 52 | 15Υ56 | 14800 |
| 64S | 3≈56 | 3 ¥ 31 | 24 X 48 | 14Ƴ20 | 11857 | 4≈43 | 4 ¥ 12 | 25 ¥ 23 | 15Ƴ00 | 12844 | 5≈29 | 4 ¥ 52 | 25 ¥ 57 | 15Ƴ41 | 13832 |
| 65S | 4≈38 | 3 X 59 | 24 X 55 | 14Ƴ05 | 11828 | 5≈24 | 4 ∺ 38 | 25 X 28 | 14Ƴ45 | 12815 | 6≈10 | 5 X 18 | 26 ₩ 02 | 15Ƴ25 | 13802 |
| 66S | 5≈24 | 4 ¥ 28 | 25 ¥ 01 | 13 ℃ 50 | 10858 | 6≈09 | 5 X 06 | 25 ¥ 35 | 14Ƴ29 | 11844 | 6≈54 | 5 X 45 | 26 X 08 | 15 ⋎ 08 | 12830 |
| pc | 5≈52 | 4 X 44 | 25×05 | 13 ℃ 41 | 10840 | 6≈36 | 5 X 23 | 25×38 | 14 Y 20 | 11825 | 7∞20 | 6 X 01 | 26 X 11 | 14 Y 59 | 12811 |

| | Sid.Tin MC: | | 36m A 29'31 | RMC: 2 | 64°00' | Sid.Tir MC: | | 40m A 24'39 | RMC: 2 | 265°00' | Sid.Tir MC: | ne: 17h4 26 <i>x</i> 4 | 44m A 19'45 | RMC: 2 | 266°00' |
|--------------------------|--|---|--|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 22중13 | 21≈37 | 23 X 27 | 25 ℃ 53 | 26818 | 23궁09 | 22≈38 | 24 X 33 | 26 Y 56 | 27816 | 24궁06 | 23≈40 | 25 X 38 | 27 Ƴ 59 | 28814 |
| 1S | 22중20 | 21≈47 | 23 ¥ 30 | 25Ƴ45 | 26811 | 23ਰ17 | 22≈49 | 24 X 35 | 26Ƴ48 | 27810 | 24중13 | 23≈50 | 25 X 40 | 27 Υ 51 | 28808 |
| 2S | 22중28 | 21≈58 | 23 X 33 | 25Ƴ38 | 26805 | 23중24 | 22≈59 | 24 X 38 | 26Ƴ41 | 27803 | 24중21 | 24≈00 | 25 X 42 | 27Ƴ43 | 28801 |
| 3S | 22중35 | 22≈08 | 23 ¥ 36 | 25 Y 31 | 25858 | 23중31 | 23≈09 | 24 X 40 | 26Y33 | 26856 | 24328 | 24≈10 | 25 X 44 | 27Υ36 | 27854 |
| 4S | 22342 | 22≈18 | 23 X 39 | 25 ℃ 23 | 25851 | 23중39 | 23≈19 | 24 X 42 | 26℃26 | 26849 | 24중35 | 24≈20 | 25 X 46 | 27Ƴ28 | 27847 |
| 5S | 22궁50 | 22≈28 | 23 X 42 | 25Υ16 | 25844 | 23중46 | 23≈29 | 24 X 45 | 26Ƴ18 | 26842 | 24중43 | 24≈29 | 25 X 48 | 27 Ƴ 20 | 27840 |
| 6S | 22궁57 | 22≈38 | 23 X 44 | 25 ℃ 09 | 25838 | 23354 | 23≈39 | 24 X 47 | 26Υ11 | 26835 | 24궁50 | 24≈39 | 25 X 49 | 27 Υ 12 | 27833 |
| 7S | 23중05 | 22≈48 | 23 X 47 | 25 ° 02 | 25831 | 24중01 | 23≈48 | 24 X 49 | 26°°03 | 26828 | 24358 | 24≈48 | 25 X 51 | 27Υ05 | 27826 |
| 8S 9S | 23중12 23중20 | 22≈58 23≈08 | 23 \times 50 23 \times 53 | 24 Y 55 24 Y 48 | 25 8 24 25 8 17 | 24궁09 24궁16 | 23≈58 24≈08 | 24 X 51 24 X 54 | 25 \ \cdot 56 25 \ \cdot 49 | 26 8 22 26 8 15 | 25중05 25중12 | 24≈58 25≈08 | 25 \times 53 25 \times 55 | 26 ° 57 26 ° 49 | 27819 27812 |
| | | | | | | | | | | | | | | | |
| 10S | 23 궁 27 | 23≈18 | 23 X 55 | 24°°41 | 25810 | 24324 | 24≈18 | 24 × 56 | 25 ° 41 | 26808 | 25중20 | 25≈17 | 25 X 57 | 26°Y42 | 27805 |
| 11S 12S | 23중35 23중43 | 23≈28 23≈38 | 23 \(\pm 58\) 24 \(\pm 00\) | 24 Y 34 24 Y 27 | 25 8 04 24 8 57 | 24중31 24중39 | 24≈27 24≈37 | 24 ¥ 58 25 ¥ 00 | 25 \ \cdot 34 25 \ \cdot 27 | 26 8 01 25 8 54 | 25중27 25중35 | 25≈27 25≈36 | 25 \times 58 26 \times 00 | 26 \cdot 34 26 \cdot 27 | 26 8 58 |
| 13S | 23정50 | 23≈38 23≈48 | 24 × 03 | 24 Y 20 | 24850 | 24명46 | 24≈37 24≈47 | 25 X 02 | 25Υ19 | 25847 | 25 공 42 | 25≈36 | 26 × 02 | 26 Y 19 | 26844 |
| 14S | 23 중 58 | 23≈58 | 24 × 06 | 24Υ13 | 24843 | 24 공 54 | 24≈57 | 25 × 05 | 25Υ12 | 25840 | 25 공 50 | 25≈55 | 26 × 03 | 26Υ12 | 26837 |
| 15S | | | 24 X 08 | | | 25중02 | | | 25Y05 | 25833 | | | | | 26830 |
| 16S | 24궁06 24궁14 | 24≈08 24≈18 | 24 X 08 | 24 \cdot 06 23 \cdot 59 | 24836 24829 | 25 중 10 | 25≈06 25≈16 | 25 \times 07 25 \times 09 | 25°705 24°758 | 25826 | 25중58 26중05 | 26≈05 26≈14 | 26 \times 05 26 \times 07 | 26 ° 04 25 ° 57 | 26823 |
| 17S | 24 6 14 24 6 22 | 24≈18 24≈28 | 24 X 11 24 X 13 | 23 Y 59 23 Y 52 | 24829 | 25중10 25중17 | 25≈16 25≈26 | 25 X 11 | 24 Y 50 | 25819 | 26 당 13 | 26≈14 26≈24 | 26 × 07 | 25 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 26815 |
| 18S | 24정22 | 24≈28 24≈38 | 24 X 16 | 23 Y 45 | 24814 | 25 공 25 | 25≈36 | 25 X 13 | 24 Y 43 | 25811 | 26 공 21 | 26≈33 | 26 X 10 | 25 Y 42 | 26808 |
| 19S | 24중38 | 24≈48 | 24 X 18 | 23 Y 38 | 24807 | 25중33 | 25≈45 | 25 X 15 | 24Υ36 | 25804 | 26중29 | 26≈43 | 26 X 12 | 25 Y 34 | 26801 |
| 20S | 24346 | 24≈58 | 24 X 21 | 23 ℃ 30 | 24800 | 25중41 | 25≈55 | 25 X 17 | 24Ƴ28 | 24857 | 26중37 | 26≈52 | 26 X 14 | 25Ƴ26 | 25853 |
| 21S | 24 공 54 | 25≈08 | 24 X 23 | 23 Y 23 | 23853 | 25 공 50 | 26≈05 | 25 X 19 | 24Υ21 | 24849 | 26 공 45 | 27≈02 | 26 X 15 | 25Υ19 | 25846 |
| 22S | 25중02 | 25≈19 | 24 ¥ 26 | 23 Y 16 | 23845 | 25중58 | 26≈15 | 25 ¥ 21 | 24Υ14 | 24842 | 26중53 | 27≈12 | 26 × 17 | 25Υ11 | 25838 |
| 23S | 25중11 | 25≈29 | 24 ¥ 28 | 23Ƴ09 | 23837 | 26중06 | 26≈25 | 25 ¥ 23 | 24Y06 | 24834 | 27중02 | 27≈22 | 26¥19 | 25Ƴ04 | 25830 |
| 24S | 25궁19 | 25≈39 | 24 X 31 | 23 ℃ 02 | 23830 | 26중15 | 26≈35 | 25 ¥ 25 | 23 ⋎ 59 | 24826 | 27중10 | 27≈31 | 26 X 20 | 24 Y 56 | 25822 |
| 25S | 25중28 | 25≈50 | 24 X 33 | 22 Y 55 | 23822 | 26중23 | 26≈45 | 25 ¥ 28 | 23 Y 51 | 24818 | 27ਰ19 | 27≈41 | 26 X 22 | 24Ƴ48 | 25815 |
| 26S | 25중37 | 26≈00 | 24 X 36 | 22Ƴ48 | 23814 | 26중32 | 26≈56 | 25 ¥ 30 | 23 ℃ 44 | 24810 | 27중27 | 27≈51 | 26 X 24 | 24 Ƴ 40 | 25806 |
| 27S | 25중46 | 26≈11 | 24 X 38 | 22 Ƴ 40 | 23806 | 26ਰ41 | 27≈06 | 25 X 32 | 23 Y 36 | 24802 | 27중36 | 28≈01 | 26 X 25 | 24Ƴ32 | 24858 |
| 28S | 25중55 | 26≈21 | 24 X 41 | 22 Y 33 | 22858 | 26중50 | 27≈16 | 25 ¥ 34 | 23 Y 29 | 23854 | 27845 | 28≈11 | 26 × 27 | 24 ° 24 | 24850 |
| 29S | 26중04 | 26≈32 | 24 X 43 | 22℃25 | 22850 | 26궁59 | 27≈27 | 25 ¥ 36 | 23 Ƴ 21 | 23846 | 27중54 | 28≈22 | 26 X 29 | 24Ƴ16 | 24842 |
| 30S | 26중14 | 26≈43 | 24 X 46 | 22 ⋎ 18 | 22842 | 27궁09 | 27≈37 | 25 ¥ 38 | 23 ⋎ 13 | 23837 | 28중04 | 28≈32 | 26 ¥ 30 | 24 Y 08 | 24833 |
| 318 | 26중23 | 26≈54 | 24 X 48 | 22°10 | 22833 | 27중18 | 27≈48 | 25 × 40 | 23Υ05 | 23829 | 28중13 | 28≈42 | 26 ¥ 32 | 24Υ00 | 24824 |
| 32S 33S | 26중33 26중43 | 27≈05 27≈16 | 24 X 51 24 X 53 | 22 Y 03 21 Y 55 | 22824 22816 | 27 중 28 27 중 38 | 27≈59 28≈10 | 25 X 42 25 X 44 | 22 Y 57 22 Y 49 | 23 8 20 23 8 11 | 28 중 23 28 중 33 | 28≈53 29≈04 | 26 \times 34 26 \times 35 | 23 \gamma 52 23 \gamma 44 | 24815 24806 |
| 34S | 26 공 54 | 27≈10 27≈28 | 24 X 55 | 21 Y 33 21 Y 47 | 22807 | 27 3 38 27 3 48 | 28≈10 | 25 X 47 | 22 Y 49 | 23802 | 28 さ 43 | 29≈04 | 26 X 37 | 23 Y 35 | 23857 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 27 る 04 27 る 15 | 27≈39 27≈51 | 24 \times 59 25 \times 01 | 21 Y 39 21 Y 31 | 21857 21848 | 27궁59 28궁09 | 28≈32 28≈44 | 25 X 49 25 X 51 | 22 \gamma 33 22 \gamma 25 | 22 8 53 22 8 43 | 28중53 29중04 | 29≈25 29≈36 | 26 \times 39 26 \times 41 | 23 \cdot 27 23 \cdot 18 | 23848 23838 |
| 37S | 27 당 13 | 27≈31 28≈03 | 25 X 01 | 21 Y 31 21 Y 23 | 21838 | 28 중 20 | 28≈55 | 25 X 51 | 22 Y 23 | 22833 | 29 8 04 29 중 14 | 29≈30 29≈48 | 26 X 42 | 23 Y 18 | 23828 |
| | 27중37 | | 25 × 06 | | 21828 | | I | 25 X 55 | | | | l | 26 X 44 | | |
| 39S | 27849 | 28≈27 | 25 × 09 | 21Υ06 | 21818 | 28843 | 29≈19 | 25 X 58 | 21Υ59 | 22813 | 29ਰ37 | 0 X 11 | 26 X 46 | 22Y51 | 23808 |
| 40S | 28중01 | 28≈39 | 25 X 12 | 20Ƴ58 | 21808 | 28중55 | 29≈31 | 26 X 00 | 21 Y 50 | 22803 | 29349 | 0 X 23 | 26 X 48 | 22 Y 42 | 22857 |
| 41S | 28중13 | 28≈52 | 25 × 15 | 20Υ49 | 20857 | 29중07 | 29≈43 | 26 × 02 | 21 Υ 41 | 21852 | 0≈01 | 0 X 35 | 26 × 50 | 22 Y 33 | 22846 |
| 42S | 28826 | 29≈05 | 25 ¥ 17 | 20Ƴ41 | 20846 | 29ਰ19 | 29≈56 | 26 X 04 | 21 Y 32 | 21841 | 0≈13 | 0 X 47 | 26 × 51 | 22 Y 23 | 22835 |
| 43S | 28중39 | 29≈18 | 25 ¥ 20 | 20Ƴ32 | 20835 | 29중32 | 0 X 09 | 26 X 07 | 21 Y 23 | 21829 | 0≈26 | 0 X 59 | 26 X 53 | 22 Ƴ 14 | 22823 |
| 44S | 28중52 | 29≈32 | 25 ¥ 23 | 20℃22 | 20824 | 29궁45 | 0 ₩ 22 | 26 ₩ 09 | 21 ⋎ 13 | 21818 | 0≈39 | 1 X 12 | 26 X 55 | 22 ℃ 04 | 22811 |
| 45S | 29중06 | 29≈45 | 25 ¥ 26 | 20Ƴ13 | 20812 | 29궁59 | 0 X 35 | 26 X 11 | 21 Y 03 | 21805 | 0≈52 | 1 ¥ 25 | 26 X 57 | 21 Ƴ 54 | 21859 |
| 46S | 29궁20 | 29≈59 | 25 X 29 | 20Ƴ04 | 19859 | 0≈13 | 0 X 49 | 26 X 14 | 20Ƴ54 | 20853 | 1≈07 | 1 ¥ 38 | 26 X 59 | 21 ℃43 | 21846 |
| 47S | 29중35 | 0 ¥ 14 | 25 ¥ 32 | 19か54 | 19847 | 0≈28 | 1 X 03 | 26 X 16 | 20℃43 | 20840 | 1≈21 | 1 X 52 | 27 ¥ 01 | 21 ℃33 | 21833 |
| 48S | 29궁51 | 0 X 28 | 25 ¥ 35 | 19 ℃ 44 | 19833 | 0≈44 | 1 X 17 | 26 X 19 | 20Υ33 | 20826 | 1≈36 | 2 × 06 | 27 × 03 | 21 \(\gamma 22 \) | 21820 |
| 49S | 0≈07 | 0 ₩ 43 | 25 ¥ 38 | 19Ƴ34 | 19820 | 0≈59 | 1 ¥ 32 | 26 X 21 | 20℃23 | 20813 | 1≈52 | 2 ¥ 20 | 27 ¥ 05 | 21 ℃ 11 | 21805 |
| 50S | 0≈24 | 0 X 59 | 25 ¥ 41 | 19℃24 | 19805 | 1≈16 | 1 X 47 | 26 ¥ 24 | 20Υ12 | 19858 | 2≈08 | 2 ¥ 35 | 27 ¥ 07 | 21 Υ 00 | 20851 |
| 518 | 0≈41 0×450 | 1 X 15 | 25 X 44 | 19Y13 | 18851 | 1≈33 | 2 × 02 | 26 ¥ 27 | 20Υ01 | 19843 | 2≈25 | 2 X 50 | 27 X 09 | 20°Y48 | 20836 |
| 52S 53S | 0≈59 1≈19 | 1 X 31 1 X 48 | 25 \times 47 25 \times 50 | 19 ⋎ 02 18 ⋎ 51 | 18 8 35 | 1≈51 2≈10 | 2 ¥ 18 2 ¥ 34 | 26 \times 29 26 \times 32 | 19Ƴ49 19Ƴ38 | 19 8 28 | 2≈43 3≈02 | 3 X 05 | 27 X 11 27 X 13 | 20 \gamma 37 20 \gamma 25 | 20820 20803 |
| 54S | 1≈19 | 2 X 05 | 25 X 54 | 18 Y 31 | 18803 | 2≈10 2≈30 | 2 X 34 2 X 51 | 26 X 35 | 19 Y 38 | 18854 | 3≈02 | 3 X 21 3 X 37 | 27 X 13 | 20 Y 23 20 Y 12 | 19846 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 2≈00 2≈22 | 2 ¥ 23 2 ¥ 41 | 25 X 57 26 X 01 | 18 ° 27 18 ° 15 | 17845 17827 | 2≈51 3≈13 | 3 ¥ 08 3 ¥ 26 | 26 \times 38 26 \times 40 | 19 ⋎ 13 19 ⋎ 01 | 18 8 36 | 3≈42 4≈03 | 3 X 54 4 X 11 | 27 ¥ 18 27 ¥ 20 | 19Ƴ59 19Ƴ46 | 19828 19809 |
| 57S | 2≈22 2≈45 | 3 × 00 | 26 × 04 | 18 Y 13 | 17808 | 3≈13 | 3 X 20 | 26 X 40 | 18 Y 48 | 17858 | 4≈03 | 4 X 11 4 X 29 | 27 X 20 27 X 23 | 19 Y 40 19 Y 32 | 18849 |
| 58S | 3≈10 | 3 X 19 | 26 × 08 | 17 Y 50 | 16847 | 4≈00 | 4¥03 | 26 X 46 | 18 Y 34 | 17838 | 4≈20 | 4 X 47 | 27 X 25 | $19 \Upsilon 18$ | 18828 |
| 59S | 3≈36 | 3 × 39 | 26 × 12 | 17 Y 36 | 16826 | 4≈26 | 4 × 23 | 26 × 50 | 18 Y 20 | 17816 | 5≈15 | 5 × 06 | 27 X 28 | 19℃04 | 18806 |
| 60S | | 4 X 00 | 26 X 15 | 17Ƴ22 | 16804 | 4≈53 | 4 X 43 | 26 X 53 | 18 Y 06 | 16853 | 5≈42 | 5 ¥ 26 | 27 X 30 | 18 Ƴ 49 | 17843 |
| 4 22 2. ** | 4 22 (14 | 17,00 | | 17 Y 22 | 15840 | 5≈22 | 5 × 04 | 26 X 56 | 17\gamma51 | 16829 | 5≈42 6≈11 | 5 X 46 | 27 X 33 | 18 Y 33 | 17818 |
| | 4≈04 4≈33 | 4 X 22 | 20 H 19 | | | | 5 × 26 | 26 X 59 | 17 Y 35 | 16803 | 6≈41 | 6 × 08 | 27 X 35 | 18 Y 17 | 16852 |
| 61S 62S | 4≈04 4≈33 5≈05 | 4 X 22 4 X 44 | 26 \times 19 26 \times 23 | 16Y53 | 15815 | 5≈53 | J 7 7 20 | | | | | 07.00 | 21700 | 10 1 17 | |
| 61S | 4≈33 | | | | 15 8 15 14 8 48 | 5≈53 | 5 X 49 | 27 X 03 | 17Ƴ19 | 15836 | 7≈14 | 6 × 30 | 27 X 38 | 18 Y 00 | 16824 |
| 61S 62S | 4≈33 5≈05 | 4 ¥ 44 | 26 ₩ 23 | 16Ƴ53 | | | | | | | | l | 1 | | |
| 61S 62S 63S | 4≈33 5≈05 5≈39 | 4 ¥ 44 5 ¥ 08 | 26 ¥ 23 26 ¥ 28 | 16Ƴ53 16Ƴ38 | 14848 | 6≈27 | 5 X 49 | 27 ¥ 03 | 17Ƴ19 | 15836 | 7≈14 | 6 ∺ 30 | 27 ¥ 38 | 18 Y 00 | 15854 |
| 61S 62S 63S 64S | 4≈33 5≈05 5≈39 6≈16 | 4 × 44 5 × 08 5 × 32 | 26 \times 23 26 \times 28 26 \times 32 | 16Υ53 16Υ38 16Υ22 | 14848 14819 | 6≈27 7≈03 | 5 X 49 6 X 12 | 27 ¥ 03 27 ¥ 06 | 17Ƴ19 17Ƴ02 | 15836 15807 | 7≈14 7≈49 | 6 X 30 6 X 52 | 27 X 38 27 X 41 | 18Ƴ00 17Ƴ43 | 16824 15854 15822 14848 |

| | Sid.Tir MC: | | 48m A 14'50 | RMC: 2 | 267°00' | Sid.Tir MC: | ne: 17h: | 52m A 109'54 | RMC: 2 | 268°00' | Sid.Tir MC: | ne: 17h: | 56m A 104'57 | RMC: 2 | 269°00' |
|------------|----------------------------------|--|--|-------------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 25중03 | 24≈42 | 26 ¥ 43 | 29 Y 02 | 29812 | 26중00 | 25≈44 | 27 X 49 | 0805 | 0п10 | 26궁57 | 26≈46 | 28 ¥ 54 | 1808 | 1П07 |
| 1S | 25중10 | 24≈52 | 26 X 45 | 28Υ54 | 29805 | 26중07 | 25≈54 | 27 X 50 | 29Υ57 | 0п03 | 27304 | 26≈55 | 28 X 55 | 0859 | 1Д00 |
| 2S | 25중17 | 25≈01 | 26 X 46 | 28°Y46 | 28858 | 26중14 | 26≈03 | 27 X 51 | 29 ° 48 | 29856 | 27중11 | 27≈05 | 28 X 55 | 0850 | 0П53 |
| 3S 4S | 25 궁 25 25 궁 32 | 25≈11 25≈20 | 26 \times 48 26 \times 49 | 28 \gamma 38 28 \gamma 30 | 28 8 51 28 8 44 | 26중22 26중29 | 26≈12 26≈22 | 27 ¥ 52 27 ¥ 53 | 29 \gamma 40 29 \gamma 32 | 29849 29842 | 27궁19 27궁26 | 27≈14 27≈23 | 28 ¥ 56 28 ¥ 56 | 0842 0833 | 0П46 0П39 |
| | | 25≈30 | | | | | | | | | | | 28 X 57 | | |
| 5S 6S | 25 る 39 25 る 47 | 25≈30 25≈39 | 26 X 51 26 X 52 | 28 ° 22 28 ° 14 | 28 8 37 28 8 30 | 26 궁 36 26 궁 43 | 26≈31 26≈40 | 27 ¥ 54 27 ¥ 54 | 29°23 29°15 | 29 8 35 29 8 28 | 27る33 27る40 | 27≈32 27≈41 | 28 X 57 | 0825 0816 | 0Д32 0Д25 |
| 7S | 25 공 54 | 25≈49 | 26 X 53 | 28 Y 06 | 28823 | 26궁51 | 26≈49 | 27 X 55 | 29 Y 07 | 29821 | 27 중 47 | 27≈50 | 28 X 57 | 0808 | 0П23 |
| 8S | 26중01 | 25≈58 | 26 X 55 | 27Υ58 | 28816 | 26중58 | 26≈58 | 27 X 56 | 28Υ59 | 29814 | 27855 | 27≈59 | 28 X 58 | 29 Y 59 | 0П11 |
| 9S | 26궁09 | 26≈07 | 26 X 56 | 27 ⋎ 50 | 28809 | 27중05 | 27≈07 | 27 X 57 | 28 Y 51 | 29807 | 28중02 | 28≈07 | 28 X 58 | 29 Y 51 | 0П04 |
| 10S | 26중16 | 26≈17 | 26 X 57 | 27Ƴ42 | 28802 | 27중13 | 27≈16 | 27 X 58 | 28Ƴ43 | 28859 | 28궁09 | 28≈16 | 28 X 59 | 29Ƴ43 | 29856 |
| 11S | 26궁24 | 26≈26 | 26 X 59 | 27Ƴ34 | 27855 | 27중20 | 27≈25 | 27 X 59 | 28Ƴ35 | 28852 | 28중16 | 28≈25 | 28 X 59 | 29Ƴ35 | 29849 |
| 12S | 26중31 | 26≈35 | 27 ¥ 00 | 27 Y 27 | 27848 | 27827 | 27≈34 | 28 X 00 | 28Υ27 | 28845 | 28324 | 28≈34 | 29 X 00 | 29Υ26 | 29842 |
| 13S | 26중39 | 26≈44 | 27 × 01 | 27 ° 19 | 27841 | 27중35 | 27≈43 | 28 × 01 | 28 Y 18 | 28838 | 28331 | 28≈43 | 29 ¥ 00 | 29 Y 18 | 29835 |
| 14S | 26중46 | 26≈54 | 27 X 02 | 27 ℃ 11 | 27834 | 27342 | 27≈52 | 28 X 01 | 28 ⋎ 10 | 28831 | 28339 | 28≈51 | 29 ₩ 00 | 29Υ10 | 29827 |
| 15S | 26중54 | 27≈03 | 27 × 04 | 27Υ03 | 27827 | 27궁50 | 28≈02 | 28 ¥ 02 | 28°Y 02 | 28823 | 28346 | 29≈00 | 29 × 01 | 29Υ01 | 29820 |
| 16S 17S | 27 る 01 27 る 09 | 27≈12 27≈22 | 27 ¥ 05 27 ¥ 06 | 26 \gamma 56 26 \gamma 48 | 27819 27812 | 27중58 28중05 | 28≈11 28≈20 | 28 ¥ 03 28 ¥ 04 | 27 Υ 54 27 Υ 46 | 28 8 16 28 8 09 | 28 궁 54 29 궁 01 | 29≈09 29≈18 | 29 \times 01 29 \times 02 | 28 \(\cdot 53 \) 28 \(\cdot 45 \) | 29 8 13 29 8 05 |
| 17S | 27 8 09 | 27≈22 27≈31 | 27 X 08 | 26 Y 40 | 27805 | 28 중 13 | 28≈29 | 28 × 05 | 27 Y 38 | 28801 | 29중09 | 29≈18 | 29 X 02 | 28 Y 36 | 28858 |
| 19S | 27중25 | 27≈40 | 27 X 09 | 26 Y 32 | 26857 | 28중21 | 28≈38 | 28 × 06 | 27 Y 30 | 27854 | 29중17 | 29≈35 | 29 × 03 | 28Y28 | 28850 |
| 20S | 27중33 | 27≈50 | 27 X 10 | 26Y24 | 26850 | 28궁29 | 28≈47 | 28 X 07 | 27 Y 22 | 27846 | 29중25 | 29≈44 | 29 X 03 | 28 Y 20 | 28842 |
| 21S | 27중41 | 27≈59 | 27 × 11 | 26Y16 | 26842 | 28중37 | 28≈56 | 28 × 07 | 27 Y 14 | 27838 | 29중33 | 29≈53 | 29 × 03 | 28Y11 | 28834 |
| 22S | 27궁49 | 28≈08 | 27 X 13 | 26Ƴ08 | 26834 | 28중45 | 29≈05 | 28 X 08 | 27 Y 06 | 27830 | 29중41 | 0 X 02 | 29 X 04 | 28 Y 03 | 28827 |
| 23S | 27궁57 | 28≈18 | 27 X 14 | 26Υ01 | 26826 | 28중53 | 29≈15 | 28 ¥ 09 | 26Υ58 | 27823 | 29349 | 0 X 11 | 29 × 04 | 27Υ54 | 28819 |
| 24S | 28중06 | 28≈28 | 27 X 15 | 25 ℃ 53 | 26819 | 29중01 | 29≈24 | 28 X 10 | 26Ƴ49 | 27815 | 29중57 | 0 ¥ 20 | 29 X 05 | 27Ƴ46 | 28811 |
| 25S | 28중14 | 28≈37 | 27 X 16 | 25Ƴ45 | 26811 | 29중10 | 29≈33 | 28 X 11 | 26Ƴ41 | 27807 | 0≈05 | 0 X 29 | 29 X 05 | 27 Ƴ 37 | 28802 |
| 26S | 28云23 | 28≈47 | 27 × 18 | 25Υ36 | 26802 | 29중18 | 29≈43 | 28 X 12 | 26Y33 | 26858 | 0≈14 | 0 X 38 | 29 X 06 | 27Υ29 | 27854 |
| 27S 28S | 28 궁 32 28 궁 40 | 28≈57 29≈07 | 27 ¥ 19 27 ¥ 20 | 25 \cdot 28 25 \cdot 20 | 25 8 54 25 8 46 | 29중27 29중36 | 29≈52 0 X 02 | 28 ¥ 12 28 ¥ 13 | 26°724 26°716 | 26 8 50 26 8 42 | 0≈22 0≈31 | 0 X 48 0 X 57 | 29 \times 06 29 \times 06 | 27\cdot\cdot\cdot\cdot\cdot\cdot\cdot\cdot | 27846 27837 |
| 29S | 28 3 49 | 29≈07 | 27 X 21 | 25 Y 12 | 25837 | 29 3 36 29 3 45 | 0 X 02 | 28 X 14 | 26 Y 07 | 26833 | 0≈31 | 1 X 06 | 29 X 07 | 27Υ02 | 27828 |
| 30S | 28359 | 29≈27 | 27 ** 23 | 25Υ03 | 25829 | 29중54 | 0×21 | 28 X 15 | 25 Y 58 | 26824 | 0≈49 | 1 X 16 | 29 X 07 | 26°Y 53 | 27820 |
| 31S | 29중08 | 29≈37 | 27 X 24 | 24 Y 55 | 25820 | 0≈03 | 0X21 0X31 | 28 X 16 | 25 Υ 50 | 26815 | 0≈58 | 1 X 26 | 29 × 08 | 26 Y 44 | 27811 |
| 32S | 29궁18 | 29≈47 | 27 ¥ 25 | 24Υ46 | 25811 | 0≈13 | 0 X 41 | 28 X 17 | 25Υ41 | 26806 | 1≈08 | 1 X 35 | 29 × 08 | 26 Y 35 | 27801 |
| 33S | 29궁27 | 29≈57 | 27 ¥ 26 | 24 Ƴ 38 | 25802 | 0≈22 | 0 X 51 | 28 X 17 | 25 Y 32 | 25857 | 1≈17 | 1 X 45 | 29 ¥ 08 | 26Y26 | 26852 |
| 34S | 29중37 | 0 ¥ 08 | 27 ¥ 28 | 24Ƴ29 | 24852 | 0≈32 | 1 X 01 | 28 X 18 | 25℃23 | 25847 | 1≈27 | 1 X 55 | 29 X 09 | 26 ℃ 17 | 26842 |
| 35S | 29궁48 | 0 | 27 X 29 | 24Y20 | 24843 | 0≈42 | 1 X 12 | 28 X 19 | 25 ℃ 14 | 25838 | 1≈37 | 2 X 05 | 29 X 09 | 26 ℃ 07 | 26833 |
| 36S | 29중58 | 0 X 29 | 27 ¥ 30 | 24 11 | 24833 | 0≈53 | 1 X 22 | 28 ¥ 20 | 25Υ04 | 25828 | 1≈47 | 2 × 15 | 29 × 10 | 25 Y 58 | 26823 |
| 37S 38S | 0≈09 0≈20 | 0 X 40 0 X 51 | 27 ¥ 32 27 ¥ 33 | 24 \(\cdot 02 \) 23 \(\cdot 53 \) | 24823 24813 | 1≈03 1≈14 | 1 X 33 | 28 ¥ 21 28 ¥ 22 | 24 \gamma 55 24 \gamma 45 | 25 8 18 25 8 07 | 1≈58 2≈08 | 2 ¥ 26 2 ¥ 36 | 29 X 10 29 X 11 | 25 \gamma 48 25 \gamma 38 | 26 8 12 26 8 02 |
| 39S | 0≈20 0≈31 | 1 X 03 | 27 X 34 | 23 Y 44 | 24802 | 1≈14 | 1 X 55 | 28 X 23 | 24 Y 36 | 24857 | 2≈19 | 2 X 47 | 29 X 11 | 25 Υ 28 | 25851 |
| 40S | 0≈43 | 1 X 14 | 27 X 36 | 23 Y 34 | 23851 | 1≈37 | 2 X 06 | 28 X 24 | 24Υ26 | 24846 | 2≈31 | 2 X 58 | 29 X 12 | 25Υ18 | 25840 |
| 41S | 0≈43 | 1 X 14 | 27 X 37 | 23 Y 24 | 23840 | 1≈37 | 2 X 00 | 28 X 25 | 24 Y 16 | 24835 | 2≈31 | 3 X 09 | 29 X 12 | 25 Y 07 | 25829 |
| 42S | 1≈07 | 1 X 38 | 27 × 38 | 23 Y 14 | 23829 | 2≈00 | 2 X 29 | 28 X 25 | 24Υ06 | 24823 | 2≈54 | 3 × 20 | 29 X 12 | 24 Y 57 | 25817 |
| 43S | 1≈19 | 1 X 50 | 27 X 40 | 23 ℃ 04 | 23817 | 2≈13 | 2 X 41 | 28 ¥ 26 | 23 ℃ 55 | 24811 | 3≈07 | 3 X 31 | 29 X 13 | 24Ƴ46 | 25805 |
| 44S | 1≈32 | 2 ¥ 02 | 27 X 41 | 22 Y 54 | 23805 | 2≈26 | 2 X 53 | 28 X 27 | 23 Ƴ 45 | 23859 | 3≈19 | 3 X 43 | 29 X 13 | 24 Y 35 | 24853 |
| 45S | 1≈46 | 2 ¥ 15 | 27 ∺ 43 | 22Ƴ44 | 22853 | 2≈39 | 3 ∺ 05 | 28 ¥ 28 | 23Ƴ34 | 23846 | 3≈32 | 3 ¥ 55 | 29 X 14 | 24Ƴ24 | 24840 |
| 46S | 2≈00 | 2 ¥ 28 | 27 X 44 | 22 Y 33 | 22840 | 2≈53 | 3 × 17 | 28 ¥ 29 | 23 ℃ 23 | 23833 | 3≈46 | 4 ¥ 07 | 29 X 14 | 24 Y 13 | 24826 |
| 47S | 2≈14 | 2 X 41 | 27 ¥ 46 | 22 \cdot 22 \cdot 11 | 22826 | 3≈07 | 3 X 30 | 28 ¥ 30 | 23 \gamma 12 23 \gamma 00 | 23820 | 4≈00 4≈15 | 4 X 19 | 29 X 15 | 24 Y 01 | 24813 |
| 48S 49S | 2≈29 2≈45 | 2 X 55 3 X 08 | 27 X 47 27 X 49 | 22Υ/11 22Υ/00 | 22813 21858 | 3≈22 3≈37 | 3 X 43 3 X 57 | 28 ¥ 31 28 ¥ 32 | 23°7'00 22°7'48 | 23806 22851 | 4≈15 4≈30 | 4 X 32 4 X 45 | 29 X 15 29 X 16 | 23 \(\cdot 49 \) 23 \(\cdot 37 \) | 23859 23844 |
| | | 3 X 23 | | 21 \gamma 48 | 21843 | 3≈53 | | | 22 Y 36 | 22836 | | | 29 X 16 | | 23829 |
| 50S 51S | 3≈01 3≈18 | 3 X 23 | 27 ¥ 50 27 ¥ 52 | 21 \gamma 48 21 \gamma 36 | 21843 | 3≈53 | 4 X 11 4 X 25 | 28 ¥ 33 28 ¥ 34 | 22°7'36 22°7'24 | 22836 | 4≈46 5≈02 | 4 X 59 5 X 12 | 29 X 16 | 23 \cdot 24 23 \cdot 12 | 23829 |
| 52S | 3≈35 | 3 X 52 | 27 X 53 | 21 Y 24 | 21812 | 4≈27 | 4 X 39 | 28 X 35 | 22 Υ 24 22 Υ 11 | 22804 | 5≈19 | 5 X 26 | 29 X 17 | 22 Y 58 | 22856 |
| 53S | 3≈53 | 4 ¥ 07 | 27 X 55 | 21Υ11 | 20855 | 4≈45 | 4 × 54 | 28 X 36 | 21Υ58 | 21847 | 5≈37 | 5 X 41 | 29 X 18 | 22Υ45 | 22839 |
| 54S | 4≈13 | 4 ¥ 23 | 27 X 57 | 20℃58 | 20838 | 5≈04 | 5 ¥ 09 | 28 ¥ 38 | 21Ƴ45 | 21829 | 5≈56 | 5 X 56 | 29 X 19 | 22 Y 31 | 22821 |
| 55S | 4≈33 | 4 ∺ 39 | 27 X 58 | 20Ƴ45 | 20819 | 5≈24 | 5 ∺ 25 | 28 X 39 | 21 Y 31 | 21810 | 6≈15 | 6 ∺ 11 | 29 X 19 | 22 Ƴ 17 | 22802 |
| 56S | 4≈54 | 4¥56 | 28 ¥ 00 | 20Υ31 | 20800 | 5≈45 | 5 X 41 | 28 ¥ 40 | 21Υ17 | 20851 | 6≈36 | 6 ∺ 27 | 29 X 20 | 22Υ°02 | 21842 |
| 57S | 5≈16 | 5 X 13 | 28 X 02 | 20Υ17 | 19840 | 6≈07 | 5 X 58 | 28 X 41 | 21Υ02 | 20830 | 6≈57 | 6 X 43 | 29 X 20 | 21 Y 47 | 21821 |
| 58S 59S | 5≈40 6≈05 | 5 X 31 5 X 50 | 28 ¥ 04 28 ¥ 06 | 20 ° 03 19 ° 48 | 19 8 18 | 6≈30 6≈55 | 6¥15 | 28 X 42 28 X 44 | 20°47 20°31 | 20809 19846 | 7≈20 7≈44 | 7 ¥ 00 7 ¥ 17 | 29 ¥ 21 29 ¥ 22 | 21 \gamma 31 21 \gamma 15 | 20859 20835 |
| | | | | | | 6≈55 | 6 X 33 | | | | | | | | |
| 60S 61S | 6≈31 6≈59 | 6 X 09 6 X 29 | 28 ¥ 07 28 ¥ 09 | 19Ƴ32 19Ƴ16 | 18 8 32 18 8 07 | 7≈20 7≈48 | 6 X 52 | 28 ¥ 45 28 ¥ 46 | 20 Y 15 19 Y 58 | 19821 18856 | 8≈10 8≈37 | 7 X 35 7 X 53 | 29 \times 22 29 \times 23 | 20 \gamma 58 20 \gamma 41 | 20811 19845 |
| 61S 62S | 6≈39 7≈29 | 6 X 49 | 28 X 09 | 19\\dagger16 | 17840 | 7≈48 8≈18 | 7 X 11 7 X 31 | 28 X 46 28 X 47 | 19 \ \cdot 38 | 18836 | 8≈37 9≈06 | 8 X 13 | 29 X 23 | 20°7'41 20°7'23 | 19843 |
| 63S | 8≈02 | 7 X 11 | 28 X 14 | 18 Y 42 | 17812 | 8≈49 | 7 X 52 | 28 X 49 | 19Υ23 | 17859 | 9≈37 | 8 X 33 | 29 X 24 | 20 γ 23 20 γ 04 | 18847 |
| 64S | 8≈36 | 7 ¥ 33 | 28 X 16 | 18℃24 | 16841 | 9≈23 | 8 X 13 | 28 X 50 | 19Υ04 | 17828 | 10≈10 | 8 X 54 | 29 X 25 | 19 Υ 45 | 18815 |
| 65S | 9≈13 | 7 | 28 X 18 | 18 Y 05 | 16808 | 9≈59 | 8 X 36 | 28 X 52 | 18 Ƴ 45 | 16855 | 10≈45 | 9¥15 | 29 X 26 | 19 ° 24 | 17841 |
| 66S | 9≈53 | 8 X 20 | 28 X 20 | 17 ° 45 | 15833 | 10≈39 | 8 X 59 | 28 X 53 | 18 Y 24 | 16819 | 11≈24 | 9×38 | 29 X 26 | 19 Y 03 | 17804 |
| рc | 10≈18 | 8 X 34 | 28¥21 | 17Ƴ34 | 15812 | 11≈02 | 9¥12 | 28 X 54 | 18 Y 12 | 15858 | 11≈47 | 9 + 51 | 29 X 27 | 18 Y 51 | 16843 |
| _ | | | ļ. | ļ. | | | | ļ. | | | | | ! | ļ. | |

| | Sid.Tir MC: | ne: 18h0 | | RMC: 2 | 70°00' | Sid.Tir MC: | ne: 18h(0ප5 | | RMC: 2 | 271°00' | Sid.Tir MC: | | 08m A | RMC: 2 | 272°00' |
|------------|----------------------------------|--|---------------------|--|----------------------------------|----------------------------------|--|--------------------------------|------------------------------|----------------------------------|----------------|---|-----------------------------|-------------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27궁54 | 27≈49 | 0 Υ 00 | 2810 | 2П05 | 28궁52 | 28≈51 | 1 Y 05 | 3813 | 3п02 | 29궁49 | 29≈54 | 2Υ10 | 4815 | 3Д59 |
| 1S | 28중01 | 27≈58 | 0 Υ 00 | 2801 | 1Д58 | 28궁59 | 29≈00 | 1 Y 04 | 3804 | 2Д55 | 29궁56 | 0 X 02 | 2Y09 | 4805 | 3 Д 52 |
| 2S | 28중08 | 28≈07 | 0Υ00 | 1852 | 1П51 | 29중06 | 29≈09 | 1 Υ 04 | 2854 | 2Д48 | 0≈03 | 0 X 11 | 2Υ08 | 3856 | 3 Д 45 |
| 3S 4S | 28 궁 16 28 궁 23 | 28≈15 28≈24 | 0°00 0°00 | 1844 1835 | 1 II 43 1 II 36 | 29 궁 13 29 궁 20 | 29≈17 29≈26 | 1 Υ 03 1 Υ 03 | 2845 2836 | 2П40 2П33 | 0≈10 0≈17 | 0 X 19 0 X 27 | 2Υ07 2Υ06 | 3847 3837 | 3Д37 3Д30 |
| | | | | | | 29중27 | 29≈34 | | | | | | | | |
| 5S 6S | 28 궁 30 28 궁 37 | 28≈33 28≈42 | 0Υ00 0Υ00 | 1826 1817 | 1 II 29 1 II 22 | 29 5 27 29 중 34 | 29≈34 29≈43 | 1 Υ 03 1 Υ 02 | 2827 2818 | 2П26 2П19 | 0≈24 0≈31 | 0 X 36 0 X 44 | 2°706 2°705 | 3828 3819 | 3П23 3П16 |
| 7S | 28 중 44 | 28≈50 | 0Υ00 | 1809 | 1 п 15 | 29정41 | 29≈51 | 1 Υ 02 | 2809 | 2п12 | 0≈38 | 0 X 52 | 2Υ04 | 3810 | 3п08 |
| 8S | 28중51 | 28≈59 | 0Υ00 | 1800 | 11108 | 29궁48 | 0 X 00 | 1 Y 01 | 2800 | 2П04 | 0≈45 | 1 X 00 | 2Y03 | 3801 | 3П01 |
| 9S | 28궁59 | 29≈08 | 0 Υ 00 | 0851 | 1Д00 | 29궁55 | 0 ¥ 08 | 1 Y 01 | 1852 | 1Д57 | 0≈52 | 1 ¥ 08 | 2 Y 02 | 2852 | 2П54 |
| 10S | 29궁06 | 29≈16 | 0 Υ 00 | 0843 | 0П53 | 0≈03 | 0 ∺ 16 | 1 Y 00 | 1843 | 1耳50 | 1≈00 | 1 X 16 | 2 Y 01 | 2843 | 2П46 |
| 118 | 29중13 | 29≈25 | 0Υ00 | 0834 | 0П46 | 0≈10 | 0 X 25 | 1 Υ 00 | 1834 | 1П43 | 1≈07 | 1 X 24 | 2Υ00 | 2834 | 2Д39 |
| 12S 13S | 29 궁 20 29 궁 28 | 29≈33 29≈42 | 0Υ00 0Υ00 | 0826 0817 | 0П39 0П31 | 0≈17 0≈24 | 0 X 33 0 X 41 | 0Υ59 0Υ59 | 1825 1816 | 1Д35 1Д28 | 1≈14 1≈21 | 1 X 33 1 X 41 | 1 Y 59 1 Y 58 | 2825 2816 | 2П32 2П24 |
| 14S | 29 궁 35 | 29≈50 | 0Υ00 | 0809 | 0П31 | 0≈24 | 0 X 49 | 0Υ59 | 1808 | 1 Д 20 | 1≈28 | 1 X 49 | 1 γ 58 | 2807 | 2 Д 17 |
| 15S | 29중43 | 29≈59 | 0Υ00 | 0800 | 0П16 | 0≈39 | 0 X 58 | 0Υ58 | 0 8 59 | 1п13 | 1≈36 | 1 X 57 | 1 Y 57 | 1858 | 2П09 |
| 16S | 29 궁 50 | 0 × 07 | 0Υ00 | 29 Y 52 | 0П09 | 0≈46 | 1 × 06 | 0Υ58 | 0850 | 1Д15 | 1≈43 | 2 X 05 | 1Υ56 | 1848 | 2Д01 |
| 17S | 29궁58 | 0 ₩ 16 | 0Υ00 | 29Ƴ43 | 0П01 | 0≈54 | 1 X 14 | 0Υ57 | 0841 | 0Д58 | 1≈50 | 2 ¥ 13 | 1 Y 55 | 1839 | 1П54 |
| 188 | 0≈05 | 0 × 25 | 0000 | 29Y35 | 29854 | 1≈01 | 1 X 23 | 0Υ57 | 0832 | 0Д50 | 1≈58 | 2 ¥ 21 | 1 Υ 54 | 1830 | 1 Д 46 |
| 198 | 0≈13 | 0 X 33 | 0Υ00 | 29 ℃ 26 | 29846 | 1≈09 | 1 X 31 | 0Υ56 | 0824 | 0П42 | 2≈05 | 2 ** 29 | 1Υ53 | 1821 | 1Д38 |
| 20S 21S | 0≈21 0≈29 | 0 ¥ 42 0 ¥ 50 | 0Υ00 0Υ00 | 29 Y 17 29 Y 09 | 29838 29831 | 1≈17 1≈25 | 1 X 39 1 X 48 | 0Υ56 0Υ56 | 0815 0806 | 0П34 0П26 | 2≈13 2≈21 | 2 X 37 2 X 45 | 1Υ52 1Υ52 | 1812 1803 | 1Д30 1Д22 |
| 21S 22S | 0≈29 0≈36 | 0 X 50 | 0Υ00 0Υ00 | 29 Y 09 29 Y 00 | 29823 | 1≈23 | 1 X 48 | 0Υ36 0Υ55 | 29 Y 57 | 0H26 0H18 | 2≈21 | 2 X 43 2 X 53 | 1 Y 52 | 0854 | 1 П 1 2 2 |
| 23S | 0≈44 | 1 × 08 | 0Υ00 | 28\gamma51 | 29815 | 1≈40 | 2 ¥ 05 | 0Υ55 | 29°48 | 0п10 | 2≈36 | 3 × 02 | 1Υ50 | 0845 | 1Д06 |
| 24S | 0≈53 | 1 X 17 | 0Υ00 | 28Ƴ42 | 29806 | 1≈48 | 2 X 13 | 0Υ54 | 29 Ƴ 39 | 0п02 | 2≈44 | 3 ¥ 10 | 1 Υ 49 | 0835 | 0Д58 |
| 25S | 1≈01 | 1 X 25 | 0 Υ 00 | 28Ƴ34 | 28858 | 1≈57 | 2 X 22 | 0Υ54 | 29 Ƴ 30 | 29854 | 2≈52 | 3 X 18 | 1 Υ 48 | 0826 | 0П49 |
| 26S | 1≈09 | 1 X 34 | 0Υ00 | 28℃25 | 28850 | 2≈05 | 2 X 30 | 0Υ53 | 29℃21 | 29845 | 3≈01 | 3 ₩ 26 | 1 ℃ 47 | 0816 | 0П41 |
| 27S | 1≈18 | 1 X 43 | 0000 | 28Y16 | 28841 | 2≈13 | 2 X 39 | 0Υ53 | 29Y11 | 29837 | 3≈09 | 3 X 35 | 1Υ47 | 0807 | 0Д32 |
| 28S 29S | 1≈26 1≈35 | 1 X 52 2 X 02 | 0°400 0°400 | 28 ⋎ 07 27 ⋎ 57 | 28 8 33 28 8 24 | 2≈22 2≈31 | 2 X 48 2 X 57 | 0Υ53 0Υ52 | 29 Y 02 28 Y 53 | 29 8 28 29 8 19 | 3≈18 3≈26 | 3 X 43 3 X 52 | 1 Y 46 1 Y 45 | 29 Y 57 29 Y 48 | 0Д23 0Д14 |
| 30S | 1≈44 | 2 X 11 | 0Υ00 | 27 Υ 48 | 28815 | 2≈39 | 3 X 06 | 0Υ52 | 28°Y43 | 29810 | 3≈35 | 4 X 01 | 1Υ44 | 29 Y 38 | 0Д05 |
| 31S | 1≈44 | 2 X 11 | 0Υ00 0Υ00 | 27 Y 39 | 28806 | 2≈39 | 3 X 15 | 0Υ51 | 28 Y 33 | 29801 | 3≈33 | 4 X 01 | 1 γ 44 1 γ 43 | 29 Y 28 | 29856 |
| 32S | 2≈03 | 2 X 29 | 0Υ00 | 27 Y 30 | 27856 | 2≈58 | 3 ¥ 24 | 0Υ51 | 28Y24 | 28852 | 3≈53 | 4 X 18 | 1Υ42 | 29Υ18 | 29846 |
| 33S | 2≈12 | 2 X 39 | 0Υ00 | 27Ƴ20 | 27847 | 3≈07 | 3 X 33 | 0Υ51 | 28Ƴ14 | 28842 | 4≈02 | 4 ¥ 27 | 1Υ42 | 29Y08 | 29837 |
| 34S | 2≈22 | 2 X 49 | 0Υ00 | 27 ℃ 10 | 27837 | 3≈17 | 3 ¥ 42 | 0Υ50 | 28Ƴ04 | 28832 | 4≈12 | 4 ¥ 36 | 1 Ƴ 41 | 28 Y 58 | 29827 |
| 35S | 2≈32 | 2 X 58 | 0Υ00 | 27 Υ 01 | 27827 | 3≈26 | 3 X 52 | 0Υ50 | 27 Υ 54 | 28822 | 4≈21 | 4 ¥ 45 | 1Υ40 | 28°Y47 | 29817 |
| 36S 37S | 2≈42 2≈52 | 3 X 08 3 X 18 | 0°00 0°00 | 26 ° 51 26 ° 41 | 27817 27807 | 3≈36 3≈47 | 4 X 01 4 X 11 | 0 Υ 49 0 Υ 49 | 27\dagger44 27\dagger33 | 28 8 12 28 8 01 | 4≈31 4≈41 | 4 X 55 5 X 04 | 1 Y 39 1 Y 38 | 28 Y 37 28 Y 26 | 29806 28856 |
| 38S | 3≈03 | 3 X 18 | | | 26856 | | 4 X 11 | | 27 Y 23 | 27851 | | 5 X 14 | 1 γ 3 δ | | 28845 |
| 39S | 3≈14 | 3 X 39 | 0Υ00 | 26 Y 20 | 26845 | 4≈08 | 4 ∺ 31 | 0Υ48 | 27Υ12 | 27840 | 5≈02 | 5 X 23 | 1Υ36 | 28 Y 04 | 28834 |
| 40S | 3≈25 | 3 X 49 | 0Υ00 | 26Υ10 | 26834 | 4≈19 | 4 ∺ 41 | 0 Υ 47 | 27 Y 01 | 27828 | 5≈13 | 5 X 33 | 1 Υ 35 | 27 Y 53 | 28822 |
| 41S | 3≈36 | 4 ¥ 00 | 0 Υ 00 | 25⋎59 | 26823 | 4≈30 | 4 ¥ 52 | 0 Υ 47 | 26Y50 | 27817 | 5≈24 | 5 X 43 | 1 Ƴ 34 | 27 Ƴ 42 | 28811 |
| 42S | 3≈48 | 4 X 11 | 0Υ00 | 25 ℃ 48 | 26811 | 4≈42 | 5 × 02 | 0Υ47 | 26Υ39 | 27805 | 5≈36 | 5 X 53 | 1Υ34 | 27Y30 | 27859 |
| 43S 44S | 4≈00 4≈13 | 4 ¥ 22 4 ¥ 33 | 0°00 0°00 | 25 Y 37 25 Y 26 | 25 8 59 25 8 46 | 4≈54 5≈06 | 5 X 13 5 X 24 | 0Υ46 0Υ46 | 26°728 26°716 | 26 8 52 26 8 40 | 5≈48 6≈00 | 6 X 04 | 1 Y 33 1 Y 32 | 27Υ18 27Υ06 | 27846 27833 |
| | | | | | | | | | 26°°04 | | | | | | |
| 45S 46S | 4≈26 4≈39 | 4 X 45 4 X 57 | 0Υ00 0Υ00 | 25 \mathbb{\gamma} 14 25 \mathbb{\gamma} 02 | 25 8 33 25 8 20 | 5≈19 5≈33 | 5 X 35 5 X 46 | 0 ° 45 0 ° 45 | 25 \ \cdot 52 | 26 8 27 26 8 13 | 6≈13 6≈26 | 6 X 25 | 1Υ31 1Υ30 | 26 Y 54 26 Y 42 | 27820 27806 |
| 47S | 4≈53 | 5 × 09 | 0Υ00 | 24 Y 50 | 25806 | 5≈46 | 5 × 58 | 0Υ44 | 25 Y 40 | 25859 | 6≈39 | 6 X 47 | 1Υ29 | 26Y29 | 26852 |
| 48S | 5≈08 | 5 X 21 | 0Υ00 | 24Ƴ38 | 24851 | 6≈00 | 6 ∺ 10 | 0Υ44 | 25 ℃ 27 | 25844 | 6≈53 | 6¥59 | 1Υ28 | 26Y16 | 26837 |
| 49S | 5≈22 | 5 ¥ 34 | 0Υ00 | 24Ƴ25 | 24837 | 6≈15 | 6 ¥ 22 | 0 Υ 43 | 25 ℃ 14 | 25829 | 7≈08 | 7 X 11 | 1 ℃ 27 | 26Y02 | 26822 |
| 50S | 5≈38 | 5 X 47 | 0Υ00 | 24Y12 | 24821 | 6≈30 | 6¥35 | 0Υ43 | 25 ℃ 00 | 25813 | 7≈23 | 7 ¥ 23 | 1Υ26 | 25 Y 48 | 26806 |
| 51S 52S | 5≈54 6≈11 | 6 ¥ 00 6 ¥ 13 | 0Υ00 0Υ00 | 23 \(\cdot 59 \) 23 \(\cdot 46 \) | 24 8 05 23 8 48 | 6≈46 7≈03 | 6 X 47 7 X 01 | 0 Y 42 0 Y 42 | 24 \gamma 47 24 \gamma 33 | 24857 24840 | 7≈39 7≈55 | 7 X 35 7 X 48 | 1Υ25 1Υ24 | 25 Υ 34 25 Υ 20 | 25849 25832 |
| 53S | 6≈29 | 6 X 27 | 0Υ00 0Υ00 | 23 Y 40 23 Y 32 | 23830 | 7≈03 7≈20 | 7 X 14 | 0 γ 42 0 γ 41 | 24 Y 33 | 24822 | 8≈12 | 8 X 01 | 1 Υ 24 1 Υ 23 | 25 Y 05 | 25814 |
| 54S | 6≈47 | 6 X 42 | 0Υ00 | 23 Y 17 | 23812 | 7≈38 | 7 X 28 | 0Υ40 | 24Υ03 | 24804 | 8≈30 | 8 X 14 | 1Υ21 | 24 Y 50 | 24855 |
| 55S | 7≈06 | 6 ∺ 57 | 0Υ00 | 23 ℃ 02 | 22853 | 7≈57 | 7 ∺ 42 | 0 Υ 40 | 23Ƴ48 | 23844 | 8≈49 | 8 X 28 | 1 Υ 20 | 24 Y 34 | 24835 |
| 56S | 7≈26 | 7 ∺ 12 | 0Υ00 | 22Ƴ47 | 22833 | 8≈17 | 7 X 57 | 0Υ39 | 23 ℃ 32 | 23823 | 9≈08 | 8 X 42 | 1Υ19 | 24 Y 18 | 24814 |
| 57S | 7≈48 | 7 × 27 | 0Υ00 02200 | 22 Y 32 | 22811 | 8≈38 | 8 X 12 | 0Υ39 | 23 Y 16 | 23802 | 9≈29 | 8 X 57 | 1Υ18 | 24Y01 | 23852 |
| 58S 59S | 8≈10 8≈34 | 7 ¥ 44 8 ¥ 00 | 0°00 0°00 | 22 Y 15 21 Y 59 | 21849 | 9≈00 9≈24 | 8 ¥ 44 | 0Υ38 0Υ37 | 22 \gamma 59 22 \gamma 42 | 22 8 39 22 8 15 | 9≈51 10≈13 | 9 X 12 9 X 28 | 1Υ17 1Υ15 | 23 \cdot 44 23 \cdot 26 | 23829 23805 |
| - 1 | | | | | 21825 | | 8 X 44 | | | | | | | | |
| 60S 61S | 8≈59 9≈26 | 8 X 18 8 X 36 | 0Υ00 0Υ00 | 21 Y 41 21 Y 23 | 21800 20833 | 9≈48 10≈14 | 9 X 01 9 X 18 | 0Υ37 0Υ36 | 22 \cdot 24 22 \cdot 06 | 21849 21822 | 10≈38 11≈03 | 9 X 44 10 X 01 | 1Υ14 1Υ13 | 23 \(\cdot 07 \) 22 \(\cdot 48 \) | 22839 22811 |
| 62S | 9≈20 9≈54 | 8 X 54 | 0Υ00 0Υ00 | 21 Y 25 21 Y 05 | 20805 | 10≈14 10≈42 | 9 X 18 | 0Υ36 | 21 Y 46 | 20853 | 11≈03 11≈31 | 10 X 01 | 1 Υ 13 1 Υ 12 | 22 Y 28 | 21841 |
| 63S | 10≈24 | 9¥14 | 0Υ00 | 20Ƴ45 | 19835 | 11≈12 | 9¥55 | 0Υ35 | 21 Y 26 | 20822 | 12≈00 | 10 ¥ 36 | 1Υ10 | 22 Y 07 | 21810 |
| 64S | 10≈57 | 9 X 34 | 0 Υ 00 | 20℃25 | 19802 | 11≈44 | 10 X 14 | 0 Υ 34 | 21 Y 06 | 19849 | 12≈31 | 10 ¥ 55 | 1 Y 09 | 21 Y 46 | 20836 |
| 65S | 11≈32 | 9 X 55 | 0 Υ 00 | 20Ƴ04 | 18827 | 12≈18 | 10 ∺ 35 | 0 Ƴ 33 | 20Ƴ44 | 19814 | 13≈04 | 11 X 14 | 1 ⋎ 07 | 21 Y 23 | 20800 |
| 66S | 12≈09 | 10 × 17 | 0000 | 19 ° 42 | 17850 | 12≈55 | 10 X 56 | 0Υ33 | 20Υ21 | 18835 | 13≈40 | 11 X 35 | 1 Υ 06 | 21 Υ 00 | 19820 |
| pc | 12≈32 | 10 X 29 | 0Υ00 | 19Ƴ30 | 17827 | 13≈17 | 11 X 08 | 0Υ32 | 20℃08 | 18812 | 14≈02 | 11 X 47 | 1Υ05 | 20 Ƴ 47 | 18857 |

| | Sid.Tir MC: | ne: 18hi 2 궁 4 | | RMC: 2 | 73°00' | Sid.Tir MC: | ne: 18h? 3 ප 4 | | RMC: 2 | 274°00' | Sid.Tir MC: | ne: 18h2 4 ප 3 | | RMC: 2 | 275°00' |
|------------|----------------|--|--------------------------------|----------------------------------|----------------------------------|----------------|--|--------------------------|----------------------------------|--------------------|----------------|--|------------------|------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0≈47 | 0 ∺ 57 | 3℃16 | 5817 | 4II56 | 1≈45 | 2 X 00 | 4 Y 21 | 6819 | 5Д53 | 2≈43 | 3 X 03 | 5Ƴ26 | 7821 | 6Д50 |
| 18 | 0≈54 | 1 × 05 | 3Υ14 | 5807 | 4H49 | 1≈52 | 2 × 08 | 4Υ19 | 6809 | 5П46 | 2≈49 | 3 X 11 | 5Υ24 | 7810 | 6П42 |
| 2S 3S | 1≈01 1≈08 | 1 X 13 1 X 21 | 3 ° 13 3 ° 11 | 4858 4848 | 4 II 42 4 II 34 | 1≈58 2≈05 | 2 X 16 2 X 24 | 4Υ17 4Υ15 | 5859 5849 | 5Д38 5Д31 | 2≈56 3≈03 | 3 X 18 3 X 26 | 5Υ21 5Υ19 | 7800 6850 | 6Д35 6Д28 |
| 4S | 1≈08 | 1 X 21 | 3Υ10 | 4839 | 4H34 4H27 | 2≈03 2≈12 | 2 X 24 2 X 31 | 4Υ13 4Υ13 | 5 8 39 | 5 Д 24 | 3≈03 | 3 X 20 | 5Υ17 | 6840 | 6П20 |
| 5S | 1≈22 | 1 X 37 | 3Υ09 | 4829 | 4II 20 | 2≈19 | 2 X 39 | 4Υ11 | 5830 | 5Д16 | 3≈17 | 3 X 41 | 5Υ14 | 6830 | 6Д13 |
| 6S | 1≈22 | 1 X 45 | 3Υ07 | 4820 | 4H20 4H12 | 2≈26 | 2 X 47 | 4Υ10 | 5820 | 5H10 | 3≈24 | 3 X 48 | 5Υ12 | 6820 | 6П05 |
| 7S | 1≈36 | 1 X 53 | 3Υ06 | 4810 | 4II 05 | 2≈33 | 2 X 54 | 4Υ08 | 5811 | 5Д01 | 3≈31 | 3 X 56 | 5Υ10 | 6811 | 5Д58 |
| 8S | 1≈43 | 2 X 01 | 3℃04 | 4801 | 3Д58 | 2≈40 | 3 X 02 | 4Υ06 | 5801 | 4II54 | 3≈37 | 4 ¥ 03 | 5 ⋎ 08 | 6801 | 5П50 |
| 9S | 1≈50 | 2 X 09 | 3 ⋎ 03 | 3852 | 3П50 | 2≈47 | 3 X 10 | 4 ⋎ 04 | 4851 | 4II47 | 3≈44 | 4 X 10 | 5 ⋎ 05 | 5851 | 5П43 |
| 10S | 1≈57 | 2 X 17 | 3Υ02 | 3842 | 3П43 | 2≈54 | 3 X 17 | 4 ⋎ 02 | 4842 | 4П39 | 3≈51 | 4 ∺ 18 | 5 ⋎ 03 | 5841 | 5П35 |
| 118 | 2≈04 | 2 X 25 | 3Υ00 20050 | 3833 | 3Д35 | 3≈01 | 3 X 25 | 4Υ01 | 4832 | 4II 32 | 3≈58 | 4 ¥ 25 | 5Υ01 | 5832 | 5Д28 |
| 12S 13S | 2≈11 2≈18 | 2 ¥ 32 2 ¥ 40 | 2°759 2°758 | 3824 3815 | 3 II 28 3 II 20 | 3≈08 3≈15 | 3 X 32 3 X 40 | 3 ℃ 59 3 ℃ 57 | 4823 4813 | 4П24 4П17 | 4≈05 4≈12 | 4 X 32 4 X 40 | 4Ƴ59 4Ƴ57 | 5822 5812 | 5П20 5П13 |
| 14S | 2≈25 | 2 X 48 | 2Υ57 | 3805 | 3П13 | 3≈22 | 3 X 47 | 3Υ56 | 4804 | 4 <u>П</u> 17 | 4≈19 | 4 X 47 | 4Υ55 | 5802 | 5H15 |
| 15S | 2≈32 | 2 X 56 | 2 Y 55 | 2856 | 3П05 | 3≈29 | 3 X 55 | 3 ℃ 54 | 3854 | 4 I 101 | 4≈26 | 4 X 54 | 4Υ52 | 4853 | 4II57 |
| 16S | 2≈40 | 3 × 03 | 2Υ54 | 2847 | 2П58 | 3≈36 | 4 × 02 | 3Υ52 | 3845 | 3 Д 54 | 4≈33 | 5 × 01 | 4Υ50 | 4843 | 4II50 |
| 17S | 2≈47 | 3 X 11 | 2Y53 | 2837 | 2П50 | 3≈44 | 4 X 10 | 3 ⋎ 50 | 3835 | 3П46 | 4≈40 | 5 X 09 | 4Ƴ48 | 4833 | 4II42 |
| 18S | 2≈54 | 3 ¥ 19 | 2Υ51 | 2828 | 21142 | 3≈51 | 4 × 17 | 3 ℃ 49 | 3826 | 3Д38 | 4≈48 | 5 × 16 | 4Υ46 | 4823 | 4П34 |
| 19S | 3≈02 | 3 ¥ 27 | 2 Υ 50 | 2819 | 2П34 | 3≈58 | 4 ¥ 25 | 3 ℃ 47 | 3816 | 3 Д 30 | 4≈55 | 5 ¥ 23 | 4 Ƴ 44 | 4814 | 4П26 |
| 20S | 3≈09 | 3 X 35 | 2Υ49 | 2809 | 2П26 | 4≈06 | 4 X 33 | 3 ℃ 45 | 3807 | 3 Д 22 | 5≈02 | 5 X 31 | 4Υ42 | 4804 | 4II18 |
| 21S 22S | 3≈17 3≈25 | 3 X 43 3 X 51 | 2Ƴ48 2Ƴ46 | 2800 1851 | 2П18 2П10 | 4≈13 4≈21 | 4 X 40 4 X 48 | 3 ° 44 3 ° 42 | 2857 2847 | 3П14 3П06 | 5≈10 5≈17 | 5 X 38 5 X 45 | 4Ƴ40 4Ƴ38 | 3854 3844 | 4П09 4П01 |
| 23S | 3≈33 | 3 X 58 | 2 Y 45 | 1841 | 2п02 | 4≈29 | 4 X 4 X 56 | 3^{42} | 2837 | 2 Д 57 | 5≈17 5≈25 | 5 X 53 | 4Υ36 | 3834 | 3 Д 53 |
| 24S | 3≈40 | 4 ¥ 06 | 2か44 | 1831 | 1 Д 53 | 4≈37 | 5 X 03 | 3Υ39 | 2828 | 2П49 | 5≈33 | 6¥00 | 4Υ34 | 3824 | 3П44 |
| 25S | 3≈48 | 4 ∺ 15 | 2Ƴ43 | 1822 | 1П45 | 4≈44 | 5 + 11 | 3Ƴ37 | 2818 | 2П40 | 5≈41 | 6 ¥ 08 | 4 Υ 31 | 3814 | 3Д36 |
| 26S | 3≈57 | 4 ¥ 23 | 2Ƴ41 | 1812 | 1Д36 | 4≈53 | 5 X 19 | 3 ℃ 35 | 2808 | 2Д32 | 5≈49 | 6 ₩15 | 4 Ƴ 29 | 3803 | 3П27 |
| 27S | 4≈05 | 4 ∺ 31 | 2Υ40 | 1802 | 1 п 27 | 5≈01 | 5 X 27 | 3 ⋎ 34 | 1858 | 2 Д 23 | 5≈57 | 6¥23 | 4Υ27 | 2853 | 3 Д 18 |
| 28S 29S | 4≈13 4≈22 | 4 X 39 4 X 47 | 2 Y 39 2 Y 38 | 0853 0843 | 1 II 19 1 II 10 | 5≈09 5≈17 | 5 X 35 5 X 43 | 3 \cdot 32 3 \cdot 30 | 1848 1837 | 2П14 2П05 | 6≈05 6≈13 | 6 X 30 6 X 38 | 4Ŷ25 4Ŷ23 | 2843 2832 | 3 II 09 3 II 00 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 4≈30 4≈39 | 4 X 56 5 X 04 | 2°736 2°735 | 0833 0822 | 1 II 00 0 II 51 | 5≈26 5≈35 | 5 X 51 5 X 59 | 3 ° 29 3 ° 27 | 1827 1817 | 1 II 55 1 II 46 | 6≈22 6≈30 | 6 X 46 6 X 54 | 4°21 4°19 | 2822 2811 | 2Д50 2Д41 |
| 32S | 4≈48 | 5 X 13 | 2Υ34 | 0812 | 0Д31 | 5≈44 | 6 X 07 | 3Υ25 | 1806 | 1Д36 | 6≈39 | 7 X 02 | 4Υ17 | 2800 | 2Д31 |
| 33S | 4≈57 | 5 ¥ 21 | 2Ƴ33 | 0802 | 0П32 | 5≈53 | 6 ∺ 15 | 3 ℃ 24 | 0855 | 1Д26 | 6≈48 | 7 ∺ 10 | 4 Υ 15 | 1849 | 2П21 |
| 34S | 5≈07 | 5 X 30 | 2 Y 31 | 29Ƴ51 | 0П22 | 6≈02 | 6 X 24 | 3 Y 22 | 0845 | 1П16 | 6≈57 | 7 X 18 | 4 Υ 12 | 1838 | 2П11 |
| 35S | 5≈16 | 5 X 39 | 2 Y 30 | 29Ƴ41 | 0П11 | 6≈11 | 6 ∺ 32 | 3 ℃ 20 | 0 8 34 | 1Д06 | 7≈06 | 7 ∺ 26 | 4 Ƴ 10 | 1827 | 2П00 |
| 36S | 5≈26 | 5 X 48 | 2Υ29 | 29Υ30 | 0Д01 | 6≈21 | 6¥41 | 3Υ18 | 0823 | 0Д55 | 7≈16 | 7 X 34 | 4Υ08 | 1815 | 1Д50 |
| 37S 38S | 5≈36 5≈46 | 5 X 57 6 X 06 | 2Ƴ27 2Ƴ26 | 29 ° 19 29 ° 08 | 29850 29839 | 6≈31 6≈41 | 6 X 50 | 3 ° 17 3 ° 15 | 0811 0800 | 0П45 0П34 | 7≈26 7≈36 | 7 X 43 7 X 51 | 4Υ06 4Υ04 | 1804 0852 | 1Д39 1Д28 |
| 39S | 5≈57 | 6 X 15 | 2Υ25 | 28Y56 | 29828 | 6≈51 | 7 X 08 | 3Υ13 | 29°Y48 | 0Д22 | 7≈46 | 8 X 00 | 4Υ01 | 0840 | 1 Д 16 |
| 40S | 6≈08 | 6 ∺ 25 | 2Ƴ23 | 28Ƴ45 | 29817 | 7≈02 | 7 ∺ 17 | 3 Ƴ 11 | 29 Ƴ 36 | 0п10 | 7≈56 | 8 X 09 | 3Υ59 | 0828 | 1П04 |
| 41S | 6≈19 | 6¥35 | 2Υ22 | 28Υ33 | 29805 | 7≈13 | 7 ∺ 26 | 3Υ09 | 29Υ24 | 29858 | 8≈07 | 8 X 18 | 3Υ57 | 0816 | 0П52 |
| 42S | 6≈30 | 6 ¥ 45 | 2 Υ 21 | 28℃21 | 28852 | 7≈24 | 7 ∺ 36 | 3Υ08 | 29Υ12 | 29846 | 8≈18 | 8 X 27 | 3 Υ 55 | 0803 | 0П40 |
| 43S | 6≈42 | 6 X 55 | 2Υ19 | 28Y09 | 28840 | 7≈36 | 7 × 45 | 3Υ06 2₩04 | 29Υ00 | 29833 | 8 ≈ 30 | 8 X 36 | 3Υ52 | 29Υ50 | 0Д27 |
| 448 | 6≈54 | 7 X 05 | 2Υ18 | 27 Υ 57 | 28827 | 7≈48 | 7 X 55 | 3 Y 04 | 28 Ƴ 47 | 29820 | 8≈42 | 8 X 46 | 3Υ50 | 29 Y 37 | 0П14 |
| 45S 46S | 7≈06 7≈19 | 7 X 15 7 X 26 | 2Υ16 2Υ15 | 27 Y 44 27 Y 31 | 28 8 13 27 8 59 | 8≈00 8≈13 | 8 X 05 8 X 16 | 3 \cdot 02 3 \cdot 00 | 28 Ƴ 34 28 Ƴ 21 | 29807 28852 | 8≈54 9≈06 | 8 X 56 9 X 05 | 3 ° 48 3 ° 45 | 29Υ24 29Υ10 | 0Д00 29 8 46 |
| 40S 47S | 7≈19 7≈33 | 7 X 20 | 2 Υ 13 2 Υ 13 | 27 Y 18 | 27845 | 8≈13 | 8 X 26 | 2Υ58 | 28 Y 07 | 28838 | 9≈00 | 9 X 16 | 3 Υ 43 3 Υ 43 | 28 Y 56 | 29831 |
| 48S | 7≈46 | 7 ∺ 48 | 2Υ12 | 27Ƴ04 | 27830 | 8≈39 | 8 X 37 | 2Y56 | 27 Υ 53 | 28823 | 9≈33 | 9 X 26 | 3Υ40 | 28 Y 42 | 29815 |
| 49S | 8≈01 | 7 X 59 | 2Υ10 | 26Ƴ51 | 27814 | 8≈54 | 8 ¥ 48 | 2 Υ 54 | 27Ƴ39 | 28807 | 9≈46 | 9 X 36 | 3 Ƴ 38 | 28 Y 27 | 29800 |
| 50S | 8≈16 | 8 11 | 2Ƴ09 | 26Ƴ36 | 26858 | 9≈08 | 8 X 59 | 2 Υ 52 | 27Ƴ24 | 27851 | 10≈01 | 9 X 47 | 3 Ƴ 35 | 28 Y 12 | 28843 |
| 51S | 8≈31 | 8 X 23 | 2Υ07 | 26Y22 | 26841 | 9 ≈ 23 | 9 X 11 | 2Υ50 2W48 | 27Υ09 | 27834 | 10≈16 | 9 X 58 | 3Υ32 | 27Υ57 | 28826 |
| 52S 53S | 8≈47 9≈04 | 8 X 35 8 X 48 | 2Ƴ06 2Ƴ04 | 26 ° 07 25 ° 52 | 26 8 24 26 8 06 | 9≈39 9≈56 | 9 × 22 9 × 34 | 2 ° 48 2 ° 46 | 26 \gamma 54 26 \gamma 38 | 27816 26857 | 10≈31 10≈48 | 10 × 10 10 × 21 | 3 ° 30 3 ° 27 | 27\dagger41 27\dagger25 | 28 8 08 27 8 49 |
| 54S | 9≈22 | 9 × 01 | 2Υ02 | 25Υ36 | 25846 | 10≈13 | 9 X 47 | 2Υ43 | 26Y22 | 26838 | 11≈05 | 10 X 21 | 3Υ24 | 27 Y 08 | 27829 |
| 55S | 9≈40 | 9 X 14 | 2 Y 01 | 25Ƴ20 | 25826 | 10≈31 | 10 X 00 | 2 Y 41 | 26Y05 | 26817 | 11≈23 | 10 X 46 | 3 Ƴ 21 | 26Y51 | 27808 |
| 56S | 9≈59 | 9 × 28 | 1Υ59 | 25 Y 03 | 25805 | 10≈50 | 10 ¥ 13 | 2Ƴ39 | 25Ƴ48 | 25856 | 11≈41 | 10 X 58 | 3Υ19 | 26 Y 33 | 26846 |
| 57S | 10≈19 | 9 ¥ 42 | 1Υ57 | 24 Υ 46 | 24843 | 11≈10 | 10 × 27 | 2Υ36 | 25Υ30 | 25833 | 12≈01 | 11 X 11 | 3Υ16 | 26 Y 15 | 26823 |
| 58S | 10≈41 | 9 X 56 | 1Υ55 | 24Y28 | 24819 | 11≈31 | 10 X 41 | 2Υ34 | 25 Y 12 | 25809 | 12≈21 | 11 X 25 | 3Υ13 | 25Υ56 | 25859 |
| 598 | 11≈03 | 10 X 11 | 1Υ53 | 24Y09 | 23854 | 11≈53 | 10 X 55 | 2Υ31 | 24 Y 53 | 24844 | 12≈43 | 11 X 39 | 3Υ09 | 25Υ36 | 25833 |
| 60S | 11≈27 | 10 × 27 | 1Υ52 | 23 Y 50 | 23828 | 12≈16 | 11 X 10 | 2Υ29 | 24 Y 33 | 24817 | 13≈06 | 11 X 53 | 3Υ06 | 25 Y 16 | 25806 |
| 61S 62S | 11≈52 12≈19 | 10 ¥ 43 11 ¥ 00 | 1 Y 50 1 Y 48 | 23 \gamma 30 23 \gamma 10 | 23 8 00 22 8 30 | 12≈41 13≈07 | 11 ¥ 26 11 ¥ 42 | 2 ° 26 2 ° 24 | 24 Y 13 23 Y 51 | 23848 23818 | 13≈30 13≈56 | 12 ¥ 08 12 ¥ 24 | 3 ℃ 03 3 ℃ 00 | 24 \gamma 55 24 \gamma 33 | 24837 24806 |
| 63S | 12≈47 | 11 X 17 | 1Υ46 | 22 ° 48 | 21857 | 13≈35 | 11 X 59 | 2Υ21 | 23 Y 29 | 22845 | 14≈23 | 12 × 40 | 2Υ56 | 24 Y 10 | 23832 |
| 64S | 13≈18 | 11 ∺ 35 | 1 ℃ 43 | 22Ƴ26 | 21823 | 14≈05 | 12 X 16 | 2 ⋎ 18 | 23♈07 | 22810 | 14≈52 | 12 X 57 | 2 Y 53 | 23 ℃ 47 | 22856 |
| 65S | 13≈51 | 11 ¥ 54 | 1 ℃41 | 22♈03 | 20846 | 14≈37 | 12 ∺ 34 | 2 Y 15 | 22 Ƴ 43 | 21832 | 15≈24 | 13 ¥ 14 | 2Ƴ49 | 23 Y 22 | 22818 |
| 66S | 14≈26 | 12 × 14 | 1Υ39 | 21Υ39 | 20806 | 15≈11 | 12 × 5 3 | 2Υ12 | 22Υ18 | 20851 | 15≈57 | 13 ¥ 32 | 2Υ45 | 22Υ57 | 21836 |
| pc | 14≈47 | 12 ¥ 25 | 1Υ38 | 21 ℃ 25 | 19841 | 15≈32 | 13 X 04 | 2Υ10 | 22 ⋎ 03 | 20826 | 16≈17 | 13 X 43 | 2Ƴ43 | 22 Y 42 | 21810 |

| | Sid.Tir MC: | ne: 18h2 5 ප 3 | | RMC: 2 | 76°00' | Sid.Tir MC: | ne: 18h2 6 공 2 | | RMC: 2 | 277°00' | Sid.Tir MC: | ne: 18h3 7ප2 | | RMC: 2 | 278°00' |
|------------|----------------|--|--------------------------------|----------------------------------|--------------------|---|--|--------------------------------|------------------------------|----------------------------------|----------------|--|--------------------------------|---------------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 3≈41 | 4 ¥ 06 | 6 Υ 32 | 8822 | 7П46 | 4≈39 | 5 ¥ 10 | 7 Y 37 | 9823 | 8Д43 | 5≈38 | 6 ∺ 13 | 8 Ƴ 42 | 10824 | 9П39 |
| 1S | 3≈48 | 4 ¥ 14 | 6 Υ 29 | 8812 | 7П39 | 4≈46 | 5 ¥ 17 | 7 Y 33 | 9813 | 8Д35 | 5≈44 | 6 ∺ 20 | 8 Y 38 | 10814 | 9П32 |
| 2S | 3≈54 | 4 ¥ 21 | 6Υ26 | 8801 | 7Д31 | 4≈52 | 5 ¥ 24 | 7Υ30 | 9802 | 8П28 | 5≈51 | 6 X 27 | 8Υ34 | 10803 | 9П24 |
| 3S 4S | 4≈01 4≈08 | 4 ¥ 28 4 ¥ 36 | 6℃23 6℃20 | 7851 7841 | 7П24 7П17 | 4≈59 5≈06 | 5 X 31 5 X 38 | 7 Y 27 7 Y 23 | 8852 8841 | 8П20 8П13 | 5≈57 6≈04 | 6 X 34 | 8Ƴ30 8Ƴ27 | 9852 9842 | 9П17 9П09 |
| - 1 | | | | | | | | | | | | | | | |
| 5S 6S | 4≈15 4≈21 | 4 X 43 4 X 50 | 6Ƴ17 6Ƴ15 | 7831 7821 | 7H09 7H02 | 5≈13 5≈19 | 5 X 45 5 X 52 | 7 Y 20 7 Y 17 | 8831 8821 | 8П05 7П58 | 6≈11 6≈17 | 6 X 47 6 X 54 | 8 Y 23 8 Y 19 | 9831 9820 | 9П01 8П54 |
| 7S | 4≈21 4≈28 | 4 X 50 | 6Υ13 | 7821 7811 | 6II54 | 5≈26 | 5 X 52 | 7Υ17 7Υ14 | 8810 | 7Д38 | 6≈24 | 7 X 01 | 8Υ16 | 9810 | 8П46 |
| 8S | 4≈35 | 5 × 04 | 6Υ09 | 7801 | 6 I I47 | 5≈33 | 6¥06 | 7Υ11 | 8800 | 7Д43 | 6≈31 | 7 × 07 | 8Υ12 | 9800 | 8П39 |
| 9S | 4≈42 | 5 X 11 | 6 Y 06 | 6851 | 6П39 | 5≈39 | 6 | 7 ⋎ 08 | 7 8 50 | 7Д35 | 6≈37 | 7 X 14 | 8 Y 09 | 8849 | 8Д31 |
| 10S | 4≈49 | 5 ∺ 18 | 6 Υ 04 | 6841 | 6П32 | 5≈46 | 6 ∺ 19 | 7 Υ 04 | 7840 | 7Д28 | 6≈44 | 7 ∺ 20 | 8 ⋎ 05 | 8839 | 8п24 |
| 11S | 4≈55 | 5 X 25 | 6 Υ 01 | 6831 | 6П24 | 5≈53 | 6 ∺ 26 | 7Υ01 | 7830 | 7П20 | 6≈51 | 7 X 27 | 8Υ02 | 8828 | 8П16 |
| 12S | 5≈02 | 5 × 32 | 5Υ59 | 6821 | 6Ц16 | 6≈00 | 6 X 33 | 6Υ58 | 7819 | 7II 12 | 6≈57 | 7 X 33 | 7Y58 | 8818 | 8П08 |
| 13S 14S | 5≈09 5≈16 | 5 X 39 5 X 46 | 5Υ56 5Υ53 | 6811 6801 | 6П09 6П01 | 6≈07 6≈14 | 6 X 39 6 X 46 | 6Υ55 6Υ52 | 7809 6859 | 7II 05 6II 57 | 7≈04 7≈11 | 7 X 40 7 X 46 | 7°755 7°751 | 8 8 08 7 8 57 | 8П00 7П53 |
| - 1 | | | | | | | | 6Υ49 | | | | | | | |
| 15S 16S | 5≈23 5≈30 | 5 X 53 6 X 00 | 5Ƴ51 5Ƴ48 | 5851 5841 | 5 II 53 5 II 45 | 6≈20 6≈27 | 6 ¥ 53 7 ¥ 00 | 6 Υ 46 | 6849 6839 | 6П49 6П41 | 7≈18 7≈25 | 7 X 52 7 X 59 | 7Ƴ48 7Ƴ45 | 7847 7836 | 7Д45 7Д37 |
| 17S | 5≈37 | 6 × 07 | 5Υ46 | 5831 | 5II 37 | 6≈35 | 7 X 06 | 6Υ44 | 6828 | 6Д33 | 7≈32 | 8 X 05 | 7Υ41 | 7826 | 7П37 |
| 18S | 5≈45 | 6¥14 | 5Ƴ43 | 5821 | 5П29 | 6≈42 | 7 ¥ 13 | 6 Υ 41 | 6818 | 6П25 | 7≈39 | 8 X 12 | 7 Ƴ 38 | 7 8 15 | 7П21 |
| 19S | 5≈52 | 6¥21 | 5Ƴ41 | 5811 | 5П21 | 6≈49 | 7 ∺ 20 | 6 Y 38 | 6808 | 6П17 | 7≈46 | 8 X 18 | 7 Ƴ 34 | 7 8 05 | 7П12 |
| 20S | 5≈59 | 6 ∺ 29 | 5Ƴ38 | 5801 | 5П13 | 6≈56 | 7 ∺ 27 | 6 Y 35 | 5 8 58 | 6П09 | 7≈53 | 8 X 25 | 7 Ƴ 31 | 6 8 54 | 7П04 |
| 218 | 6≈07 | 6¥36 | 5Υ36 | 4851 | 5II 05 | 7≈03 | 7 X 33 | 6Υ32 | 5847 | 6П00 | 8≈00 | 8 X 31 | 7Υ28 | 6844 | 6Д56 |
| 22S 23S | 6≈14 6≈22 | 6 X 43 6 X 50 | 5Ƴ33 5Ƴ31 | 4840 4830 | 4II 57 4II 48 | 7≈11 7≈18 | 7 X 40 7 X 47 | 6Υ29 6Υ26 | 5837 5826 | 5П52 5П43 | 8≈07 8≈15 | 8 X 38 | 7Ƴ24 7Ƴ21 | 6833 6822 | 6П47 6П39 |
| 24S | 6≈22 | 6 X 57 | 5Υ28 | 4820 | 4 II 40 | 7≈18 7≈26 | 7 X 54 | 6Υ23 | 5816 | 5Д35 | 8≈22 | 8 X 51 | 7Υ18 | 6812 | 6Д30 |
| 25S | 6≈37 | 7 ¥ 04 | 5 Υ 26 | 4809 | 4 I I31 | 7≈33 | 8 + 01 | 6Υ20 | 5805 | 5П26 | 8≈30 | 8 X 58 | 7Υ14 | 6801 | 6П21 |
| 26S | 6≈45 | 7 X 11 | 5Υ23 | 3859 | 4H31 | 7≈33 7≈41 | 8 X 08 | 6Υ17 | 4854 | 5 <u>п</u> 20 | 8≈37 | 9 X 04 | 7Υ11 7Υ11 | 5850 | 6П12 |
| 27S | 6≈53 | 7 X 19 | 5 Υ 21 | 3848 | 4П13 | 7≈49 | 8 X 15 | 6Υ14 | 4844 | 5Д08 | 8≈45 | 9 ₩11 | 7Υ08 | 5839 | 6П03 |
| 28S | 7≈01 | 7 ¥ 26 | 5Υ18 | 3838 | 4II 04 | 7≈57 | 8 X 22 | 6Υ11 | 4833 | 4П59 | 8≈53 | 9 X 18 | 7Υ04 | 5827 | 5П54 |
| 29S | 7≈09 | 7 X 34 | 5Υ16 | 3827 | 3Д55 | 8≈05 | 8 X 29 | 6Υ08 | 4822 | 4П50 | 9≈01 | 9 X 25 | 7 ⋎ 01 | 5816 | 5П44 |
| 30S | 7≈17 | 7 X 41 | 5Υ13 | 3816 | 3П45 | 8≈13 | 8 X 36 | 6Υ06 | 4811 | 4 I I40 | 9≈09 | 9 X 32 | 6Υ58 | 5805 | 5П35 |
| 31S 32S | 7≈26 7≈35 | 7 X 49 7 X 56 | 5Ƴ11 5Ƴ08 | 3805 2854 | 3П36 3П26 | 8≈22 8≈30 | 8 X 44 8 X 51 | 6Υ03 6Υ00 | 3859 3848 | 4 II 30 4 II 20 | 9≈18 9≈26 | 9 X 39 9 X 46 | 6℃54 6℃51 | 4853 4842 | 5Д25 5Д15 |
| 33S | 7≈33 7≈43 | 8 X 04 | 5Υ06 | 2843 | 3П16 | 8≈30 8≈39 | 8 X 58 | 5Υ57 | 3836 | 4H20 4H10 | 9≈35 | 9 X 40 | 6Υ48 | 4830 | 5Π05 |
| 34S | 7≈52 | 8 X 12 | 5Υ03 | 2831 | 3II05 | 8≈48 | 9 X 06 | 5Υ54 | 3825 | 4II 00 | 9≈43 | 10 × 00 | 6Υ44 | 4818 | 4II54 |
| 35S | 8≈02 | 8 X 20 | 5 Υ 00 | 2820 | 2П55 | 8≈57 | 9 X 13 | 5 Y 51 | 3813 | 3П49 | 9≈52 | 10 × 07 | 6 Υ 41 | 4806 | 4Π44 |
| 36S | 8≈11 | 8 X 28 | 4Υ58 | 2808 | 2П44 | 9≈06 | 9 × 21 | 5Υ48 | 3801 | 3 Д 38 | 10≈01 | 10 X 15 | 6Y37 | 3854 | 4Д33 |
| 37S | 8≈21 | 8 X 36 | 4Υ55 | 1856 | 2П33 | 9≈16 | 9 X 29 | 5 Υ 44 | 2849 | 3П27 | 10≈11 | 10 ★ 22 | 6 Ƴ 34 | 3841 | 4П21 |
| 38S 39S | 8 ≈ 31 | 8 X 44 | | 1844 | 2П22 | 9≈25 | 9 X 37 | 5Υ41 5Υ38 | | 3П16 | | 10 × 30 | 6Υ30 | 3828 | 4II10 |
| | 8 ≈ 41 | 8 X 53 | 4Υ50 | 1832 | 2П10 | 9≈35 | 9 X 45 | | 2824 | 3 п 04 | 10≈30 | 10 X 37 | 6Υ27 | 3816 | 3Д58 |
| 40S 41S | 8≈51 9≈02 | 9 X 01 9 X 10 | 4Ƴ47 4Ƴ44 | 1820 1807 | 1 II 58 1 II 46 | 9≈46 9≈56 | 9 ¥ 53 10 ¥ 01 | 5Υ35 5Υ32 | 2811 1858 | 2 II 52 2 II 40 | 10≈40 10≈51 | 10 X 45 10 X 53 | 6°¥23 6°¥19 | 3803 2849 | 3 П 46 3 П 34 |
| 41S | 9≈02 9≈13 | 9 X 18 | 4Υ42 | 0854 | 1 Д 33 | 10≈07 | 10 X 01 | 5Υ29 | 1845 | 2 Д 27 | 11≈01 | 11 X 01 | 6Υ16 | 2836 | 3П34 |
| 43S | 9≈24 | 9 X 27 | 4Υ39 | 0841 | 1 Д 20 | 10≈18 | 10 X 18 | 5Υ25 | 1831 | 2114 | 11≈12 | 11 X 10 | 6Υ12 | 2822 | 3Д07 |
| 44S | 9≈35 | 9 X 37 | 4 Υ 36 | 0827 | 1 I 107 | 10≈29 | 10 ¥ 27 | 5 Y 22 | 1817 | 2Д00 | 11≈23 | 11 X 18 | 6Υ08 | 2808 | 2П54 |
| 45S | 9≈47 | 9 ¥ 46 | 4 Ƴ 33 | 0814 | 0П53 | 10≈41 | 10 ¥ 36 | 5Υ19 | 1803 | 1Д46 | 11≈35 | 11 ¥ 26 | 6 ⋎ 04 | 1853 | 2П39 |
| 46S | 10≈00 | 9 X 55 | 4Υ30 | 0800 | 0П39 | 10≈53 | 10 × 45 | 5Υ15 | 0849 | 1 Д 32 | 11≈47 | 11 ¥ 35 | 6Υ01 | 1838 | 2П25 |
| 47S 48S | 10≈12 10≈26 | 10 X 05 10 X 15 | 4Ƴ27 4Ƴ24 | 29 Y 45 29 Y 31 | 0П24 0П08 | 11≈06 11≈19 | 10 ¥ 55 11 ¥ 04 | 5Υ12 5Υ08 | 0834 0819 | 1П17 1П01 | 11≈59 12≈12 | 11 X 44 11 X 53 | 5 Y 57 5 Y 53 | 1823 1808 | 2П09 1П54 |
| 46S 49S | 10≈26 | 10 X 13 | 4Υ24 4Υ21 | 29 Y 16 | 29852 | 11≈19 11≈32 | 11 + 04 | 5Υ08 5Υ05 | 0804 | 0Д45 | 12≈12 | 11 X 33 | 5Υ49 | 0852 | 1 Д 34 |
| 50S | 10≈54 | 10 X 35 | 4Υ18 | 29Y00 | 29835 | 11≈46 | 11 X 24 | 5Υ01 | 29°748 | 0п28 | 12≈39 | 12 X 12 | 5Υ44 | 0836 | 1 Д 20 |
| 51S | 10≈34 11≈08 | 10 X 33 | 4Υ15 | 28 Y 44 | 29818 | 12≈01 | 11 X 24 | 4Υ58 | 29 Y 32 | 0 <u>п</u> 28 | 12≈54 | 12 X 12 | 5Υ40 | 0830 | 1 п 20 |
| 52S | 11≈24 | 10 ¥ 57 | 4 Ƴ 12 | 28℃28 | 29800 | 12≈16 | 11 X 44 | 4Υ54 | 29Υ15 | 29851 | 13≈08 | 12 ¥ 32 | 5Υ36 | 0802 | 0П43 |
| 53S | 11≈40 | 11 ¥ 08 | 4Υ09 | 28Y11 | 28840 | 12≈32 | 11 X 55 | 4Υ50 | 28 Y 58 | 29832 | 13≈24 | 12 ¥ 42 | 5Υ32 | 29 ℃ 44 | 0П24 |
| 54S | 11≈56 | 11 X 20 | 4Υ05 | 27⋎54 | 28820 | 12≈48 | 12 X 06 | 4Υ46 | 28Ƴ40 | 29812 | 13≈40 | 12 X 53 | 5℃27 | 29℃26 | 0П03 |
| 55S | 12≈14 | 11 X 32 | 4Υ02 | 27Y36 | 27859 | 13≈05 | 12 X 18 | 4Υ42 | 28Y22 | 28850 | 13≈57 | 13 × 03 | 5Υ23 | 29Υ08 | 29841 |
| 56S 57S | 12≈32 12≈51 | 11 X 44 11 X 56 | 3 ℃ 58 3 ℃ 55 | 27 Υ 18 26 Υ 59 | 27837 27814 | 13≈23 13≈42 | 12 ¥ 29 12 ¥ 41 | 4Υ38 4Υ34 | 28 ° 03 27 ° 44 | 28 8 28 28 8 04 | 14≈15 14≈33 | 13 X 15 13 X 26 | 5Υ18 5Υ13 | 28 \(\gamma 48 \) 28 \(\gamma 28 \) | 29 8 19 28 8 55 |
| 58S | 12≈31 13≈12 | 12 X 09 | 3Υ53 3Υ51 | 26 Y 40 | 26849 | 13≈42 14≈02 | 12 X 41 | 4Υ34 4Υ30 | 27Υ24 | 27839 | 14≈53 14≈52 | 13 X 26 | 5Υ13 5Υ08 | 28 Y 08 | 28829 |
| 59S | 13≈33 | 12 X 23 | 3Υ47 | 26 Y 20 | 26823 | 14≈23 | 13 X 07 | 4Υ25 | 27Υ03 | 27813 | 15≈13 | 13 X 50 | 5Υ03 | 27Υ46 | 28802 |
| 60S | 13≈55 | 12 X 37 | 3Ƴ44 | 25⋎59 | 25855 | 14≈45 | 13 ∺ 20 | 4 Υ21 | 26Ƴ42 | 26844 | 15≈35 | 14 ¥ 03 | 4Υ58 | 27Ƴ24 | 27833 |
| 61S | 14≈19 | 12 X 51 | 3Υ40 | 25Ƴ37 | 25826 | 15≈08 | 13 X 34 | 4Υ16 | 26Ƴ19 | 26814 | 15≈57 | 14 X 16 | 4Υ53 | 27Υ°02 | 27803 |
| 62S | 14≈44 | 13 ¥ 06 | 3Υ36 | 25 Υ 15 | 24854 | 15≈33 | 13 ¥ 48 | 4Υ12 | 25 Y 56 | 25842 | 16≈22 | 14 ¥ 30 | 4Υ48 | 26 Y 38 | 26830 |
| 63S 64S | 15≈11 15≈40 | 13 ¥ 21 | 3 Y 31 3 Y 27 | 24 Y 51 24 Y 27 | 24820 | 15≈59 16≈27 | 14 ¥ 03 | 4 Y 07 4 Y 02 | 25 \gamma 32 25 \gamma 07 | 25807 | 16≈47 | 14 ¥ 44 | 4Υ42 4Υ36 | 26 Y 13 25 Y 47 | 25855 |
| - 1 | 15≈40 | 13 X 37 | | | 23843 | 16≈27 | 14 X 18 | | | 24830 | 17≈15 | 14 X 59 | | | 25816 |
| 65S 66S | 16≈10 16≈43 | 13 X 54 14 X 11 | 3 ° 23 3 ° 18 | 24 \cdot 02 23 \cdot 35 | 23804 22820 | 16≈57 17≈29 | 14 X 34 14 X 51 | 3Υ57 3Υ51 | 24Ƴ41 24Ƴ14 | 23849 23805 | 17≈44 18≈15 | 15 X 14 15 X 30 | 4Ƴ31 4Ƴ24 | 25 \cdot 21 \\ 24 \cdot 53 | 24835 23850 |
| pc | 16≈43 17≈02 | 14 X 11 | 3Υ18 3Υ16 | 23 \cdot 35 \\ 23 \cdot 20 | 21855 | 17≈29 17≈48 | 14 H 51 15 H 00 | 3 Υ 48 | 24 Y 14 23 Y 58 | 22839 | 18≈13 18≈34 | 15 X 30 | 4Υ24 4Υ21 | 24 Y 33 24 Y 36 | 23823 |
| r· | 1,.0.02 | 1.7,21 | 2 1 10 | 20 1 20 | | 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 157,00 | 2 1 10 | 20 1 30 | 12000 | 10.0.57 | 10 100 | . , 21 | 2.130 | |

| Lat 11 12 Asc 2 3 11 12 Asc 2 3 11 12 0S 6≈36 7±17 9°47 11825 10 π35 7≈35 8±21 10°52 12826 11π32 8≈34 9ж 1S 6≈43 7±24 9°43 11814 10π28 7≈41 8±27 10°47 12815 11π24 8≈40 9ж 2S 6≈49 7±30 9°38 11803 10π20 7≈48 8±34 10°43 12804 11π16 8≈47 9ж 3S 6≈56 7±37 9°34 10853 10π13 7≈54 8±40 10°38 11853 11π09 8≈53 9± 4S 7≈02 7±43 9°30 10842 10π05 8≈01 8±46 10°33 11842 11π01 9≈00 9± 5S 7≈09 7±50 9°26 10831 9π58 8≈07 8±52 10°29 11831 | 25 11 \(\gamma 57 \) 31 11 \(\gamma 52 \) 37 11 \(\gamma 47 \) 43 11 \(\gamma 41 \) | 2 13827 13815 13804 | 3 12 II 28 |
|---|---|----------------------------------|----------------------------------|
| 1S 6≈43 7 ± 24 9 ± 43 11 ₺ 14 10 ± 28 7≈41 8 ± 27 10 ± 47 12 ₺ 15 11 ± 24 8≈40 9 ± 38 2S 6≈49 7 ± 30 9 ± 38 11 ₺ 03 10 ± 20 7≈48 8 ± 34 10 ± 43 12 ₺ 04 11 ± 16 8≈47 9 ± 38 3S 6≈56 7 ± 37 9 ± 34 10 ₺ 53 10 ± 13 7≈54 8 ± 40 10 ± 38 11 ₺ 53 11 ± 16 8≈47 9 ± 38 4S 7≈02 7 ± 43 9 ± 30 10 ₺ 42 10 ± 05 8≈01 8 ± 46 10 ± 33 11 ₺ 53 11 ± 10 9≈00 9 ± 8 5S 7≈09 7 ± 50 9 ± 26 10 ₺ 31 9 ± 58 8≈01 8 ± 46 10 ± 33 11 ₺ 42 11 ± 101 9≈00 9 ± 8 6S 7≈16 7 ± 56 9 ± 22 10 ₺ 20 9 ± 50 8 ≈ 14 8 ± 58 10 ± 24 11 ₺ 20 10 ± 46 9 ≈ 12 10 ± 46 7S 7≈22 8 ± 02 9 ± 18 10 ₺ 10 9 ± 42 8 ≈ 20 9 ± 04 10 ± 20 11 ₺ 40 10 ± 46 9 ≈ 12 10 ± 46 8S 7≈29 8 ± 09 9 ± 14 9 ± 59 9 ± 35 8 ≈ 27 <t< th=""><th>31 11 \(\gamma 52 \) 37 11 \(\gamma 47 \) 43 11 \(\gamma 41 \)</th><th>13815 13804</th><th>12π29</th></t<> | 31 11 \(\gamma 52 \) 37 11 \(\gamma 47 \) 43 11 \(\gamma 41 \) | 13 8 15 13 8 04 | 12π29 |
| 2S 6≈49 7 ± 30 9 ± 38 11 ± 03 10 ± 20 7≈48 8 ± 34 10 ± 43 12 ± 04 11 ± 16 8≈47 9 ± 38 3S 6≈56 7 ± 37 9 ± 34 10 ± 53 10 ± 13 7≈54 8 ± 40 10 ± 38 11 ± 53 11 ± 10 8≈53 9 ± 64 4S 7≈02 7 ± 43 9 ± 30 10 ± 42 10 ± 05 8≈01 8 ± 46 10 ± 33 11 ± 42 11 ± 101 9≈00 9 ± 8 5S 7≈09 7 ± 50 9 ± 26 10 ± 31 9 ± 58 8≈07 8 ± 52 10 ± 29 11 ± 31 10 ± 54 9≈06 9 ± 8 6S 7≈16 7 ± 56 9 ± 22 10 ± 20 9 ± 50 8≈14 8 ± 58 10 ± 24 11 ± 20 10 ± 46 9≈12 10 ± 47 7S 7≈22 8 ± 02 9 ± 18 10 ± 10 9 ± 42 8≈20 9 ± 04 10 ± 20 11 ± 09 10 ± 38 9 ≈ 19 10 ± 38 8S 7≈29 8 ± 09 9 ± 14 9 ± 59 9 ± 35 8≈27 9 ± 10 10 ± 15 10 ± 58 10 ± 31 9 ≈ 25 10 ± 40 9S 7≈35 8 ± 15 9 ± 10 9 ± 28 9 ± 27 8 ≈ 33 9 ± | 37 11 ° 47 43 11 ° 41 | 13804 | 121120 |
| 38 6≈56 7±37 9 9 4 10 8 5 10 π13 7≈54 8 ± 40 10 9 3 11 8 5 11 π09 8≈53 9 ± 48 7≈02 7±43 9 9 30 10 8 42 10 π05 8≈01 8 ± 46 10 9 3 11 8 42 11 π01 9≈00 9 ± 5 10 π 1 1 10 1 10 1 10 1 10 1 10 1 10 | 43 11 ° 41 | _ | 12 Д 20 |
| 4S 7≈02 7 ± 43 9 № 30 10 ₺ 42 10 π 05 8 ≈ 01 8 ± 46 10 № 33 11 ₺ 42 11 π 01 9 ≈ 00 9 ± 65 5S 7≈09 7 ± 50 9 № 26 10 ₺ 31 9 π 58 8 ≈ 07 8 ± 52 10 № 29 11 ₺ 31 10 π 54 9 ≈ 06 9 ± 66 6S 7≈16 7 ± 56 9 № 22 10 ₺ 20 9 π 50 8 ≈ 14 8 ± 58 10 № 24 11 ₺ 20 10 π 46 9 ≈ 12 10 ₩ 7S 7≈22 8 ± 02 9 № 18 10 ₺ 10 9 π 42 8 ≈ 20 9 ± 04 10 № 20 11 ₺ 09 10 π 38 9 ≈ 19 10 ₩ 8S 7≈29 8 ± 09 9 № 14 9 ₺ 59 9 π 35 8 ≈ 27 9 ± 10 10 № 15 10 ₺ 58 10 π 31 9 ≈ 25 10 ₩ 9S 7≈35 8 ± 15 9 № 10 9 ₺ 48 9 π 27 8 ≈ 33 9 ± 16 10 № 11 10 ₺ 47 10 π 23 9 ≈ 32 10 ₩ 10S 7 ≈ 42 8 ± 21 9 № 60 9 ₺ 38 9 π 19 8 ≈ 40 9 ± 22 10 № 60 10 ₺ 36 </th <th></th> <th>12853</th> <th>12 II 12 12 II 05</th> | | 12853 | 12 II 12 12 II 05 |
| 6S 7≈16 7∺56 9°22 10820 9π50 8≈14 8∺58 10°24 11820 10π46 9≈12 10ж 7S 7≈22 8±02 9°18 10810 9π42 8≈20 9±04 10°20 11809 10π38 9≈19 10±8 8S 7≈29 8±09 9°14 9859 9π35 8≈27 9±10 10°15 10858 10π31 9≈25 10±9 9S 7≈35 8±15 9°10 9848 9π27 8≈33 9±16 10°11 10847 10π23 9≈32 10± 10S 7≈42 8±21 9°06 9838 9π19 8≈40 9±22 10°06 10836 10π15 9≈38 10± 11S 7≈49 8±27 9°02 9827 9π12 8≈46 9±28 10°02 10825 10π07 9≈45 10± | | 12841 | 11 Д 57 |
| 6S 7≈16 7∺56 9°22 10820 9π50 8≈14 8∺58 10°24 11820 10π46 9≈12 10ж 7S 7≈22 8±02 9°18 10810 9π42 8≈20 9±04 10°20 11809 10π38 9≈19 10±8 8S 7≈29 8±09 9°14 9859 9π35 8≈27 9±10 10°15 10858 10π31 9≈25 10±9 9S 7≈35 8±15 9°10 9848 9π27 8≈33 9±16 10°11 10847 10π23 9≈32 10± 10S 7≈42 8±21 9°06 9838 9π19 8≈40 9±22 10°06 10836 10π15 9≈38 10± 11S 7≈49 8±27 9°02 9827 9π12 8≈46 9±28 10°02 10825 10π07 9≈45 10± | 55 11Υ31 | 12830 | 11 Д 49 |
| 8S 7≈29 8 ± 09 9 ± 14 9 ± 59 9 π 35 8 ≈ 27 9 ± 10 10 ± 15 10 ± 58 10 π 31 9 ≈ 25 10 ± 23 9S 7≈35 8 ± 15 9 ± 10 9 ± 48 9 π 27 8 ≈ 33 9 ± 16 10 ± 11 10 ± 47 10 π 23 9 ≈ 32 10 ± 10 10S 7≈42 8 ± 21 9 ± 06 9 ± 38 9 π 19 8 ≈ 40 9 ± 22 10 ± 06 10 ± 36 10 π 15 9 ≈ 38 10 ± 10 11S 7≈49 8 ± 27 9 ± 02 9 ± 27 9 π 12 8 ≈ 46 9 ± 28 10 ± 02 10 ± 25 10 π 10 9 ≈ 45 10 ± 03 | | 12819 | 11 Д 42 |
| 9S 7≈35 8 ± 15 9 Υ 10 9 8 48 9 π 27 8≈33 9 ± 16 10 Υ 11 10 8 47 10 π 23 9≈32 10 ± 23 10S 7≈42 8 ± 21 9 Υ 06 9 ₺ 38 9 π 19 8≈40 9 ± 22 10 Υ 06 10 ₺ 36 10 π 15 9≈38 10 ± 10 11S 7≈49 8 ± 27 9 Υ 02 9 ₺ 27 9 π 12 8≈46 9 ± 28 10 Υ 02 10 ₺ 25 10 π 07 9≈45 10 ± 47 | | 12808 11857 | 11 II 34 11 II 26 |
| 10S 7≈42 8 ± 21 9 τ 06 9 ₺ 38 9 π 19 8 ≈ 40 9 ± 22 10 τ 06 10 ₺ 36 10 π 15 9 ≈ 38 10 ± 15 11S 7≈49 8 ± 27 9 τ 02 9 ₺ 27 9 π 12 8 ≈ 46 9 ± 28 10 τ 02 10 ₺ 25 10 π 07 9 ≈ 45 10 ± 10 | | 11846 | 11 Д 26 |
| 11S 7≈49 8 ± 27 9 ℃ 02 9 ≅ 27 9 Ⅲ 12 8 ≈ 46 9 ± 28 10 ℃ 02 10 ≅ 25 10 Ⅲ 07 9 ≈ 45 10 ± | 23 11 ° 07 | 11835 | 11Д11 |
| \parallel 12S \parallel 7 $pprox$ 55 \parallel 8 $pprox$ 34 \parallel 8 $pprox$ 58 \parallel 9 $pprox$ 16 \parallel 9 π 04 \parallel 8 $pprox$ 53 \parallel 9 $pprox$ 54 \parallel 9 $pprox$ 55 \parallel 10 $pprox$ 10 \parallel 10 $pprox$ 51 \parallel 10 \parallel | | 11824 | 11 Д 03 |
| | | 11813 | 10 Д 55 |
| 13S 8\infty\) 2 8\infty\) 4 8\infty\) 5 8\infty\) 6 8\infty\ | | 11802 10851 | 10П47 10П39 |
| 15S 8≈15 8₩52 8Υ46 8₩45 8₩40 9≈13 9₩52 9Υ45 9₩42 9₩36 10≈11 10₩ | | 10840 | 10Д31 |
| 16S 8≈22 8 € 58 8 ℃ 43 8 ℃ 34 8 ℤ 32 9≈20 9 € 58 9 ℃ 41 9 ∁ 31 9 ℤ 28 10≈17 10 € | | 10829 | 10 Д23 |
| 17S 8∞29 9 € 04 8 € 23 8 € 23 8 € 24 9∞26 10 € 04 9 € 36 9 € 20 9 € 20 10 ∞ 24 11 € 10 € 20 10 ∞ 24 11 € 20 10 ∞ 24 10 ∞ 24 10 ∞ 24 10 ∞ 24 10 ∞ | | 10818 | 10П15 |
| 18S 8≈36 9±11 8Ψ35 8±13 8π16 9≈33 10±10 9Ψ32 9±10 9π11 10≈31 11± 19S 8≈43 9±17 8Ψ31 8±02 8π08 9≈40 10±16 9Ψ28 8±59 9π03 10≈38 11± | | 10806 9855 | 10П07 9П58 |
| 20S 8≈50 9 ± 23 8 ± 27 7 ± 51 7 ± 59 9 ≈ 47 10 ± 21 9 ± 24 8 ± 48 8 ± 55 10 ≈ 44 11 ± | | 9844 | 9П50 |
| 21S 8\infty 57 9\times 29 8\times 24 7\times 40 7\times 51 9\infty 54 10\times 27 9\times 20 8\times 37 8\times 46 10\infty 51 11\times 11 | | 9833 | 9Д41 |
| 22S 9≈04 9 € 36 8 ℃ 20 7 € 29 7 ₹ 43 10 ≈ 01 10 € 33 9 ℃ 16 8 € 25 8 ₹ 38 10 ≈ 58 11 € 25 € 25 € 25 € 25 € 25 € 25 € 25 € | | 9821 | 9Д33 |
| 23S 9≈12 9π42 8π16 7818 7π34 10≈08 10π39 9π11 8814 8π29 11≈05 11π 24S 9≈19 9π48 8π13 7807 7π25 10≈16 10π45 9π07 8803 8π20 11≈13 11π | | 9810 8859 | 9П24 9П15 |
| 25S 9≈26 9π55 8γ09 6856 7π16 10≈23 10π52 9γ03 7852 8π11 11≈20 11π | | 8847 | 9Д06 |
| 26S 9\approx34 10\tau01 8\cong 05 6\to 45 7\pi07 10\approx31 10\tau58 8\cong 59 7\to 40 8\pi02 11\approx27 11\tau | | 8835 | 8Д57 |
| 27S 9≈42 10±07 8 01 6834 6 158 10≈38 11±04 8 055 7829 7 153 11≈35 12± | | 8823 | 8Д48 |
| 28S 9≈49 10 H 14 7 Υ 58 6822 6 Π 49 10≈46 11 H 10 8 Υ 51 7817 7 Π 43 11≈42 12 H 29S 9≈57 10 H 20 7 Υ 54 6811 6 Π 39 10≈54 11 H 16 8 Υ 46 7805 7 Π 34 11≈50 12 H 36 | | 8812 8800 | 8П38 8П29 |
| 30S 10≈05 10 ± 27 7 ± 50 5 ± 59 6 ± 29 11≈01 11 ± 23 8 ± 42 6 ± 53 7 ± 24 11≈58 12 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ± | | 7847 | 8П19 |
| 31S 10≈13 10 ± 34 7 ± 46 5 ± 47 6 ± 20 11 ≈ 10 11 ± 29 8 ± 38 6 ± 41 7 ± 14 12≈06 12 ± 15 ± 16 ± 16 ± 16 ± 16 ± 16 ± 16 ± 16 | | 7835 | 8П09 |
| 32S 10≈22 10 ± 40 7 ° 42 5 8 35 6 π 10 11 ≈ 18 11 ± 35 8 ° 34 6 8 29 7 π 04 12 ≈ 14 12 ± | | 7823 | 7П59 |
| 338 10≈30 10 ± 47 7 ± 348 10≈39 10 ± 54 7 ± 35 5 ± 11 5 ± 49 11≈26 11 ± 42 8 ± 30 6 ± 17 6 ± 54 12≈22 12 ± 348 10≈39 10 ± 54 7 ± 35 5 ± 11 5 ± 49 11≈35 11 ± 48 8 ± 25 6 ± 04 6 ± 43 12≈30 12 ± 36 12 ± | | 7810 6857 | 7П48 7П37 |
| 358 10×48 11×01 7 7 31 4859 5 1 38 11×43 11×55 8 7 21 5 852 6 1 32 12×39 12× | | 6844 | 7П26 |
| 36S 10∞57 11 ± 08 7 ± 27 4846 5 ± 27 11 ≈ 52 12 ± 02 8 ± 17 5839 6 ± 21 12 ≈ 48 12 ± | | 6831 | 7H20 |
| 37S 11≈06 11 ± 15 7 ± 23 4 ± 33 5 π 16 12≈01 12 ± 09 8 ± 12 5 ± 26 6 π 10 12≈57 13 ± 15 ± 15 ± 15 ± 15 ± 15 ± 15 ± 15 ± | | 6818 | 7П04 |
| 38S 11≈15 11 ± 23 7 1 1 9 4 20 5 11 0 4 12≈11 12 ± 15 8 10 8 5 ± 12 5 11 5 8 13≈06 13 ± 13 1 1 ≈ 25 11 ± 30 7 1 1 5 4 ± 30 4 ± 50 12 ± 20 12 ± 22 8 1 3 ≈ 10 13 ± 15 | | 6804 5851 | 6П52 6П40 |
| 408 11≈35 11 ± 37 7 1 1 3 ± 54 4 π 40 12≈30 12 ± 30 7 ± 59 4 ± 45 5 π 34 13≈25 13 ± 6 13 ± 13 ± 13 ± 13 ± 13 ± 13 ± 13 ± 13 | | 5837 | 6П27 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 5822 | 6Ц14 |
| 42S 11≈56 11 ± 53 7 № 03 3 ₺ 26 4 1 14 12≈50 12 ± 44 7 № 50 4 ₺ 17 5 1 08 13≈45 13 ± 4 | | 5808 | 6Д01 |
| 43S 12≈06 12 H 01 6 Υ 59 3 8 12 4 Π 01 13≈01 12 H 52 7 Υ 45 4 8 03 4 Π 54 13≈55 13 H 44S 12≈18 12 H 09 6 Υ 54 28 58 3 Π 47 13≈12 12 H 59 7 Υ 40 3 8 48 4 Π 40 14≈06 13 H 13 H 13 H 13 H 14 H 14 H 14 H 14 H | | 4853 4838 | 5 II 48 5 II 33 |
| 45S 12≈29 12 ± 17 6 τ 50 2 ± 43 3 π 33 13≈23 13 ± 07 7 τ 36 3 ± 33 4 π 26 14≈17 13 ± 15 12 ± 15 1 | | 4822 | 5п19 |
| 46S 12≈41 12 ± 25 6 τ 46 2 ± 28 3 π 18 13≈35 13 ± 15 7 τ 31 3 ± 17 4 π 11 14≈29 14 ± 18 18 18 18 18 18 18 18 18 18 18 18 18 | | 4806 | 5Π04 |
| 478 12∞53 12 ± 34 6 τ 41 2 ± 12 3 π 02 13∞47 13 ± 23 7 τ 26 3 ± 01 3 π 55 14∞40 14 ± 12 12 π 12 π | | 3850 | 4 I I48 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 3833 3816 | 4Д32 4Д14 |
| 50S 13 ≈ 32 13 π 00 6 γ 27 18 24 2 π 12 14 ≈ 25 13 π 49 7 γ 11 2 8 11 3 π 04 15 ≈ 18 14 π | | 2859 | 3Д57 |
| 51S 13 ≈ 46 13 ± 10 6 ± 23 1 ± 10 1 ± 1 ± 1 ± 1 ± 1 ± 1 ± 1 ± 1 ± 1 ± 1 | | 2841 | 3Д38 |
| 528 14≈01 13 χ 19 6 Υ 18 0849 1 π 35 14≈53 14 χ 07 7 Υ 00 1836 2 π 27 15≈46 14 χ | | 2823 | 3П19 |
| 538 14≈16 13 ± 29 6 ± 13 0 ± 31 1 π 15 15≈08 14 ± 16 6 ± 55 1 ± 17 2 π 07 16≈00 15 ± 15 ± 15 ± 15 ± 15 ± 15 ± 15 ± 15 | | 2804 1844 | 2Д58 2Д37 |
| 55S 14≈48 13 ± 49 6 τ 03 29 τ 53 0 π 33 15≈40 14 ± 36 6 τ 43 0 ± 38 1 π 24 16≈32 15 ± 38 1 ± | | 1824 | 2Д37 |
| 56S 15≈06 14 ± 00 5 ± 58 29 ± 33 0 ± 09 15≈57 14 ± 46 6 ± 37 0 ± 18 1 ± 00 16≈48 15 ± 15 ± 15 ± 15 ± 15 ± 15 ± 15 ± 15 | | 1803 | 1П51 |
| 578 15 × 24 14 × 11 5 × 52 29 × 13 29 × 45 16 × 15 14 × 56 6 × 32 29 × 57 0 × 35 17 × 06 15 × 68 15 × 67 15 × 67 16 × 68 16 × 68 17 × 68 18 | | 0842 | 1 Д 26 |
| 588 15≈43 14 ± 23 5 ± 47 28 ± 52 29 ± 19 16≈34 15 ± 07 6 ± 25 29 ± 36 0 ± 09 17≈24 15 ± 08 598 16≈03 14 ± 34 5 ± 41 28 ± 30 28 ± 52 16≈53 15 ± 18 6 ± 19 29 ± 13 29 ± 41 17≈43 16 ± 43 16 ± 03 16 ± 03 16 ± 03 16 ± 03 15 ± 18 6 ± 19 29 ± 13 29 ± 41 17≈43 16 ± 03 | | 0819 29Υ56 | 0Д59 0Д31 |
| 60S 16≈24 14 \(46 \) 5 \(736 \) 28 \(707 \) 28 \(23 \) 17 \(84 \) 15 \(736 \) 3 \(736 \) 28 \(736 \ | | 29 γ 33 | 0Д01 |
| 61S 16≈47 14±59 5 ° 30 27 ° 44 27 851 17≈36 15 ±42 6 ° 06 28 ° 26 28 8 40 18≈25 16 ± | 24 6 ° 43 | 29 Y 08 | 29829 |
| 628 17≈10 15±12 5°24 27°19 27818 17≈59 15±54 6°00 28°01 28806 18≈48 16± | | 28 Y 42 | 28854 |
| 63S 17≈35 15∺25 5™17 26™54 26₩42 18≈24 16₩07 5™53 27™35 27₩29 19≈12 16₩ 64S 18≈02 15∺39 5™11 26™28 26₩03 18≈50 16₩20 5™46 27™08 26₩50 19≈37 17₩ | | 28 Y 15 27 Y 48 | 28 8 17 27 8 36 |
| 65S 18\approx31 15\xi54 5\gamma04 26\gamma00 0 25\zero 21 19\approx18 16\xi34 5\gamma38 26\gamma39 26\zero 60 20\approx05 17\xi | | 27Υ19 | 26852 |
| 66S 19≈01 16 ± 09 4 ↑ 58 25 ↑ 31 24 ₺ 35 19≈47 16 ± 49 5 ↑ 31 26 ↑ 10 25 ₺ 19 20≈34 17 ± | | 26 Y 48 | 26804 |
| pc 19≈19 16 ± 18 4 ↑ 54 25 ↑ 15 24 8 07 20≈05 16 ± 57 5 ↑ 26 25 ↑ 53 24 8 51 20≈51 17 ± | 36 5Υ59 | 26 Ƴ 31 | 25835 |

| | Sid.Tir MC: | | 48m A 302'07 | RMC: 2 | 282°00' | Sid.Tir MC: | ne: 18h: 11궁 | 52m A 557'34 | RMC: 2 | 283°00' | Sid.Tir MC: | ne: 18h: 12ප | 56m A 53'06 | RMC: 2 | 284°00' |
|------------|----------------|--|------------------|----------------------------------|----------------------------------|----------------|--|---------------------------------------|----------------------------------|----------------------------------|----------------|--|----------------------------------|----------------------------------|------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 9≈33 | 10 ∺ 29 | 13 Y 02 | 14827 | 13 Д 24 | 10≈32 | 11 X 34 | 14Ƴ07 | 15827 | 14П19 | 11≈32 | 12 X 38 | 15 ℃ 12 | 16827 | 15 Д 15 |
| 1S 2S | 9≈39 9≈46 | 10 X 35 10 X 41 | 12Υ56 12Υ51 | 14816 14804 | 13 II 16 13 II 08 | 10≈39 10≈45 | 11 X 39 11 X 45 | 14 ℃ 01 13 ℃ 55 | 15 8 16 15 8 04 | 14 II 12 14 II 04 | 11≈38 11≈44 | 12 ** 43 12 ** 48 | 15 ⋎ 05 14 ⋎ 58 | 16 8 15 | 15 II 07 15 II 00 |
| 3S | 9≈52 | 10 X 46 | 12 Y 31 | 13853 | 13 II 01 | 10≈43 10≈51 | 11 X 50 | 13 Y 48 | 14852 | 13 Д 56 | 11≈50 | 12 X 48 | 14 Y 52 | 15852 | 14 II 52 |
| 48 | 9≈58 | 10 ¥ 52 | 12 Y 39 | 13841 | 12 Д 53 | 10≈57 | 11 X 55 | 13 ℃ 42 | 14841 | 13 Д 49 | 11≈57 | 12 X 58 | 14Ƴ45 | 15840 | 14П44 |
| 5S | 10≈05 | 10 ¥ 58 | 12 Y 34 | 13830 | 12П45 | 11≈04 | 12 ¥ 00 | 13 Y 36 | 14829 | 13П41 | 12≈03 | 13 ¥ 03 | 14 Ƴ 39 | 15828 | 14Д36 |
| 6S | 10≈11 | 11 X 03 | 12Y28 | 13818 | 12 Д 37 | 11≈10 | 12 ¥ 06 | 13Υ31 | 14817 | 13 Д 33 | 12≈09 | 13 ¥ 08 | 14Υ33 | 15816 | 14П29 |
| 7S 8S | 10≈17 10≈24 | 11 X 09 11 X 14 | 12°Y23 12°Y18 | 13807 12856 | 12 П 30 12 П 22 | 11≈16 11≈22 | 12 X 11 12 X 16 | 13 \cdot 25 13 \cdot 19 | 14806 13855 | 13 II 25 13 II 18 | 12≈15 12≈21 | 13 X 13 13 X 18 | 14Ƴ26 14Ƴ20 | 15 8 05 14 8 53 | 14П21 14П13 |
| 9S | 10≈24 | 11 X 19 | 12 Y 18 | 12845 | 12 11 14 | 11≈22 | 12 X 10 | 13 Y 13 | 13843 | 13 Д 10 | 12≈21 | 13 X 23 | 14 Y 20 | 14841 | 14 Д 15 |
| 108 | 10≈36 | 11 X 25 | 12 ° 07 | 12833 | 12Д06 | 11≈35 | 12 ¥ 26 | 13 ℃ 08 | 13832 | 13 Д 02 | 12≈34 | 13 ¥ 28 | 14 Y 08 | 14830 | 13 Д 57 |
| 11S | 10≈43 | 11 ¥ 30 | 12 Y 02 | 12822 | 11Д59 | 11≈41 | 12¥31 | 13 ℃ 02 | 13820 | 12 Д 54 | 12≈40 | 13 ¥ 32 | 14Ƴ02 | 14818 | 13 Д 49 |
| 12S | 10≈49 | 11 X 36 | 11Υ57 | 12811 | 11 Д 51 | 11≈48 | 12 × 36 | 12°756 | 13809 | 12 Д 46 | 12≈46 | 13 X 37 | 13°756 | 14807 | 13 Д41 |
| 13S 14S | 10≈56 11≈02 | 11 X 41 11 X 46 | 11Υ52 11Υ47 | 12 8 00 11 8 48 | 11 II 43 11 II 35 | 11≈54 12≈00 | 12 X 41 12 X 46 | 12 Υ 51 12 Υ 45 | 12857 12846 | 12 II 38 12 II 30 | 12≈52 12≈59 | 13 X 42 13 X 47 | 13 ℃ 50 13 ℃ 44 | 13 8 55 13 8 43 | 13 Д33 13 Д25 |
| 15S | 11≈09 | 11 X 52 | 11Υ41 | 11837 | 11 Д 27 | 12≈07 | 12 X 52 | 12 Y 40 | 12835 | 12 Д 22 | 13≈05 | 13 X 52 | 13 Y 38 | 13832 | 13 Д 17 |
| 16S | 11≈15 | 11 X 57 | 11 γ 36 | 11826 | 11 Д 18 | 12≈07 | 12 X 32 | 12 Y 40 | 12823 | 12 П 22 | 13≈03 | 13 × 56 | 13 Y 32 | 13820 | 13 Д 17 |
| 17S | 11≈22 | 12 ¥ 02 | 11 Y 31 | 11815 | 111110 | 12≈20 | 13 ¥ 02 | 12 Ƴ 29 | 12812 | 12Д06 | 13≈18 | 14 ¥ 01 | 13Ƴ26 | 13808 | 13П01 |
| 188 | 11≈28 | 12 × 08 | 11 Y 26 | 11803 | 11 II 02 | 12≈26 | 13 × 07 | 12Υ23 | 12800 | 11 Д 57 | 13≈24 | 14 ¥ 06 | 13Υ20 | 12857 | 12 Д 52 |
| 198 | 11≈35 | 12 × 13 | 11γ21 | 10852 | 10П54 | 12≈33 | 13 × 12 | 12°Y18 | 11848 | 11 11 49 | 13≈31 | 14¥11 | 13°Y 15 | 12845 | 12 Д 44 |
| 20S 21S | 11≈42 11≈49 | 12 X 18 12 X 24 | 11Υ16 11Υ11 | 10840 10829 | 10 II 45 10 II 37 | 12≈39 12≈46 | 13 X 17 13 X 22 | 12 Y 13 12 Y 07 | 11837 11825 | 11 II 40 11 II 32 | 13≈37 13≈44 | 14 ¥ 16 14 ¥ 20 | 13 Y 09 13 Y 03 | 12 8 33 | 12 Д 35 12 Д 27 |
| 22S | 11≈56 | 12 × 29 | 11 ° 06 | 10817 | 10 Д 28 | 12≈53 | 13 X 27 | 12 Y 02 | 11813 | 11 Д 23 | 13≈50 | 14 X 25 | 12°757 | 12809 | 12 Д 18 |
| 23S | 12≈03 | 12 ¥ 35 | 11Υ02 | 10806 | 10П19 | 13≈00 | 13 ¥ 32 | 11Υ57 | 11801 | 11 Д 14 | 13≈57 | 14 ¥ 30 | 12°752 | 11857 | 12П09 |
| 24S | 12≈10 | 12 X 40 | 10℃57 | 9854 | 10 Д 10 | 13≈07 | 13 ¥ 37 | 11 ℃ 51 | 10849 | 11 Д 05 | 14≈04 | 14 X 35 | 12℃46 | 11845 | 12 Д 00 |
| 25S | 12≈17 | 12 × 46 | 10°Y 52 | 9842 | 10 11 01 | 13≈14 | 13 X 43 | 11 Y 46 | 10837 | 10 Д 56 | 14≈11 | 14 X 40 | 12Ƴ40 12Ƴ34 | 11832 | 11 Д 51 |
| 26S 27S | 12≈24 12≈31 | 12 X 51 12 X 57 | 10°°47 10°°42 | 9 8 30 9 8 18 | 9П52 9П42 | 13≈21 13≈28 | 13 ¥ 48 13 ¥ 53 | 11 \(\gamma 40 \) 11 \(\gamma 35 \) | 10 8 25 | 10П47 10П37 | 14≈18 14≈25 | 14 X 45 14 X 50 | 12 Y 34 12 Y 28 | 11820 11808 | 11 II 41 11 II 32 |
| 28S | 12≈39 | 13 ¥ 02 | 10 Y 37 | 9806 | 9Д33 | 13≈36 | 13 ¥ 58 | 11Υ30 | 10801 | 10 Д 28 | 14≈32 | 14 X 55 | 12 Y 23 | 10855 | 11 Д22 |
| 298 | 12≈46 | 13 ¥ 08 | 10 Y 32 | 8 8 54 | 9П23 | 13≈43 | 14 ¥ 04 | 11 ℃24 | 9848 | 10 Д 18 | 14≈40 | 15 ¥ 00 | 12 Ƴ 17 | 10842 | 11 Д 12 |
| 30S | 12≈54 | 13 ¥ 14 | 10°27 | 8841 | 9П13 | 13≈51 | 14 × 09 | 11Υ19 | 9835 | 10П08 | 14≈47 | 15 ¥ 05 | 12 ° 11 | 10829 | 11 Д 02 |
| 31S 32S | 13≈02 13≈10 | 13 X 19 13 X 25 | 10Υ22 10Υ16 | 8 82 9 8 81 6 | 9П03 8П53 | 13≈58 14≈06 | 14 ¥ 15 14 ¥ 20 | 11 Y 13 11 Y 08 | 9823 9810 | 9П58 9П47 | 14≈55 15≈03 | 15 X 10 | 12°705 11°759 | 10 8 16 | 10П52 10П42 |
| 33S | 13≈18 | 13 X 23 | 10 γ 10 | 8803 | 8 II 42 | 14≈14 | 14 X 26 | 11 Y 03 | 8857 | 9Д37 | 15≈10 | 15 X 20 | 11 γ 53 | 9850 | 10Д31 |
| 34S | 13≈26 | 13 ¥ 37 | 10 Y 06 | 7850 | 8Д32 | 14≈22 | 14 ∺ 31 | 10℃57 | 8843 | 9П26 | 15≈18 | 15 ¥ 26 | 11Ƴ47 | 9836 | 10Д20 |
| 35S | 13≈35 | 13 X 43 | 10 Y 01 | 7 8 37 | 8Д21 | 14≈31 | 14 ∺ 37 | 10Ƴ51 | 8830 | 9П15 | 15≈27 | 15 ∺ 31 | 11Ƴ41 | 9822 | 10П09 |
| 36S | 13≈43 13≈52 | 13 X 49 | 9Υ56 | 7824 | 8П09 | 14≈39 | 14 + 43 | 10°°46 | 8816 | 9Д03 | 15≈35 | 15 ¥ 36 | 11Υ35 | 9808 | 9Д58 |
| 37S 38S | 13≈32 14≈01 | 13 X 55 14 X 01 | 9Υ51 9Υ45 | 7810 6856 | 7Д58 7Д46 | 14≈48 14≈57 | 14 X 49 14 X 54 | 10 Y 40 10 Y 34 | 8802 7848 | 8П52 8П40 | 15≈43 15≈52 | 15 X 42 15 X 47 | 11 Y 29 11 Y 23 | 8854 8840 | 9П46 9П34 |
| 398 | 14≈10 | 14 ¥ 08 | 9Υ40 | 6842 | 7Д34 | 15≈06 | 15 ∺ 00 | 10Υ28 | 7834 | 8п27 | 16≈01 | 15 X 53 | 11 ° 17 | 8825 | 9П21 |
| 40S | 14≈20 | 14 X 14 | 9 Y 35 | 6828 | 7Д21 | 15≈15 | 15 ¥ 06 | 10Ƴ22 | 7 8 19 | 8п15 | 16≈10 | 15 X 59 | 11 Y 10 | 8810 | 9п09 |
| 41S | 14≈30 | 14 × 21 | 9Υ29 | 6813 | 7П08 | 15≈25 | 15 ¥ 13 | 10Y17 | 7804 | 8п02 | 16≈20 | 16 ¥ 05 | 11Υ04 | 7855 | 8П55 |
| 42S 43S | 14≈40 14≈50 | 14 X 27 14 X 34 | 9Υ24 9Υ18 | 5858 5843 | 6Ц55 6Ц41 | 15≈34 15≈44 | 15 X 19 15 X 25 | 10 Y 11 10 Y 05 | 6849 6833 | 7 II 48 7 II 34 | 16≈29 16≈39 | 16 X 11 | 10 \gamma 58 10 \gamma 51 | 7839 7824 | 8П42 8П28 |
| 44S | 15≈00 | 14 × 41 | 9Υ12 | 5828 | 6П27 | 15≈55 | 15 × 32 | 9Υ58 | 6818 | 7Д20 | 16≈49 | 16 X 23 | 10 Y 44 | 7807 | 8П13 |
| 45S | 15≈11 | 14 ¥ 48 | 9 ° 07 | 5812 | 6п12 | 16≈06 | 15 ∺ 38 | 9Υ52 | 6801 | 7п05 | 17≈00 | 16 X 29 | 10 Y 38 | 6851 | 7Д58 |
| 46S | 15≈22 | 14 × 55 | 9Υ01 | 4856 | 5Д57 | 16≈17 | 15 X 45 | 9 Υ 46 | 5845 | 6Д50 | 17≈11 | 16 X 35 | 10Υ31 | 6834 | 7П43 |
| 47S 48S | 15≈34 15≈46 | 15 ¥ 02 15 ¥ 10 | 8Y55 8Y49 | 4839 4822 | 5П41 5П24 | 16≈28 16≈40 | 15 ¥ 52 15 ¥ 59 | 9Ƴ40 9Ƴ33 | 5828 5810 | 6Д34 6Д17 | 17≈22 17≈33 | 16 X 42 | 10 ° 24 10 ° 17 | 6817 5859 | 7П26 7П10 |
| 49S | 15≈40 15≈58 | 15 X 10 | 8Υ43 | 4805 | 5 <u>п</u> 24 | 16≈40 | 15 X 39 | 9Υ26 | 4853 | 5Д59 | 17≈33 | 16 X 49 | 10 Y 17 | 5841 | 6Д52 |
| 50S | 16≈11 | 15 ∺ 25 | 8 Ƴ 37 | 3847 | 4п49 | 17≈04 | 16¥14 | 9 Υ 20 | 4834 | 5Д41 | 17≈58 | 17 ¥ 02 | 10 Y 03 | 5822 | 6Д34 |
| 51S | 16≈25 | 15 ∺ 33 | 8Y30 | 3828 | 4 I I30 | 17≈17 | 16¥21 | 9Ƴ13 | 4816 | 5П22 | 18≈10 | 17 X 09 | 9Υ55 | 5803 | 6П15 |
| 52S | 16≈38 | 15 × 42 | 8Υ24 | 3809 | 4H11 | 17≈31 | 16 × 29 | 9Υ06 8Υ50 | 3856 | 5 II 03 | 18≈24 | 17 × 17 | 9Υ48 | 4843 | 5 Π 54 |
| 53S 54S | 16≈53 17≈08 | 15 X 50 15 X 59 | 8Υ17 8Υ11 | 2850 2830 | 3 II 50 3 II 28 | 17≈45 18≈00 | 16 × 37 16 × 45 | 8 Y 59 8 Y 52 | 3836 3816 | 4 II 42 4 II 20 | 18≈38 18≈52 | 17 ¥ 24 17 ¥ 32 | 9Ƴ40 9Ƴ33 | 4823 4802 | 5Д33 5Д11 |
| 55S | 17≈23 | 16 X 08 | 8Υ04 | 2809 | 3Д06 | 18≈15 | 16 X 54 | 8 Υ 44 | 2855 | 3Д57 | 19≈07 | 17 X 40 | 9 Υ 25 | 3840 | 4 I 148 |
| 56S | 17≈40 | 16 X 17 | 7Υ57 | 1848 | 2 Д 42 | 18≈31 | 17 ¥ 02 | 8 Υ 37 | 2833 | 3 Д 32 | 19≈23 | 17 × 48 | 9Υ17 | 3818 | 4 П 23 |
| 57S | 17≈57 | 16 ¥ 26 | 7°50 | 1826 | 2П16 | 18≈48 | 17 × 11 | 8Υ29 | 2810 | 3Д07 | 19≈39 | 17 ¥ 56 | 9Y08 | 2855 | 3Д57 |
| 58S 59S | 18≈15 18≈34 | 16 ¥ 36 16 ¥ 46 | 7°43 7°35 | 1803 0840 | 1 П 49 1 П 21 | 19≈06 19≈24 | 17 ¥ 20 17 ¥ 30 | 8 ° 21 8 ° 13 | 1847 1823 | 2Д39 2Д10 | 19≈56 20≈14 | 18 X 05 18 X 14 | 9°700 8°751 | 2831 2806 | 3П29 3П00 |
| 60S | 18≈54 | 16 X 56 | 7Υ28 | 0815 | 0П50 | 19≈43 | 17 X 40 | 8Υ05 | 0858 | 1П39 | 20≈33 | 18 X 23 | 8Υ42 | 1840 | 2П28 |
| 61S | 19≈15 | 17 × 07 | 7Υ20 | 29\gamma 50 | 0Д30 | 20≈04 | 17 X 40 | 7Υ56 | 0832 | 1п06 | 20≈53 20≈54 | 18 X 33 | 8Υ33 | 1814 | 1 Д 55 |
| 62S | 19≈37 | 17 | 7Υ12 | 29Ƴ24 | 29842 | 20≈26 | 18 X 00 | 7 Ƴ 48 | 0805 | 0Д30 | 21≈15 | 18 X 43 | 8Y23 | 0846 | 1П18 |
| 63S 64S | 20≈00 20≈25 | 17 ¥ 30 17 ¥ 42 | 7°703 6°755 | 28 Y 56 28 Y 28 | 29 8 04 28 8 23 | 20≈49 21≈13 | 18 X 11 18 X 23 | 7Ƴ39 7Ƴ29 | 29 \gamma 37 29 \gamma 08 | 29 8 51 29 8 09 | 21≈37 22≈01 | 18 ¥ 53 19 ¥ 03 | 8Ƴ14 8Ƴ04 | 0817 29°47 | 0П39 29 8 56 |
| 65S | | 17 X 42 | | 28 Y 28 27 Y 58 | | 21≈13 21≈39 | | 7\dagger 29 | 29 Y 08 28 Y 37 | 28823 | 22≈26 | 19 X 03 | 8 γ 04 7 γ 54 | 29 Y 16 | 29809 |
| 66S | 20≈52 21≈20 | 17 X 54 18 X 07 | 6°Y46 6°Y37 | 27 Y 27 | 27838 26848 | 21≈39 22≈07 | 18 ¥ 34 18 ¥ 47 | 7Υ/20 7Υ10 | 28\gamma 37 28\gamma 05 | 28823 | 22≈26 22≈53 | 19 X 15 | 7°754 7°743 | 29 \ \gamma 16 | 29809 |
| pc | 21≈37 | 18 X 15 | 6Υ32 | 27Υ09 | 26818 | 22≈23 | 18 X 54 | 7Υ04 | 27 ° 47 | 27802 | 23≈09 | 19 × 33 | 7Υ37 | 28 Y 24 | 27846 |
| لست | | | ļ. | ļ. | | | | | ļ. | 221200 | | | ļ. | i | |

| | Sid.Tir MC: | | 00m A 348'42 | RMC: 2 | 85°00' | Sid.Tir MC: | | 04m A 344'23 | RMC: 2 | 286°00' | Sid.Tir MC: | ne: 19h0 15궁 | 08m A 340'08 | RMC: 2 | 87°00' |
|------------|------------------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------|--|----------------------------------|----------------------------------|----------------------|----------------|--|-----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 12≈32 | 13 X 43 | 16Ƴ16 | 17827 | 16П11 | 13≈32 | 14 X 47 | 17Ƴ21 | 18827 | 17 I I06 | 14≈32 | 15 X 52 | 18Ƴ25 | 19827 | 18п02 |
| 18 | 12≈38 | 13 X 47 | 16Y09 | 17815 | 16П03 | 13≈38 | 14 × 52 | 17Υ13 | 18815 | 16П59 | 14≈37 | 15 ¥ 56 | 18 Y 17 | 19814 | 17 Д 54 |
| 2S 3S | 12≈44 12≈50 | 13 X 52 13 X 57 | 16℃02 15℃55 | 17803 16851 | 15 II 55 15 II 48 | 13≈44 13≈50 | 14 X 56 15 X 01 | 17 ⋎ 06 16 ⋎ 58 | 18 8 02 17 8 50 | 16 II 51 16 II 43 | 14≈43 14≈49 | 16 ¥ 00 16 ¥ 05 | 18 Y 09 18 Y 01 | 19 8 02 18 8 49 | 17 П 46 17 П 39 |
| 4S | 12≈50 12≈56 | 14 X 02 | 15 Y 33 | 16839 | 15 II 40 | 13≈50 | 15 X 05 | 16 Y 51 | 17838 | 16Д35 | 14≈49 14≈55 | 16 × 05 | 17 Y 53 | 18837 | 17Д39 |
| 5S | 13≈02 | 14¥06 | 15Ƴ41 | 16827 | 15 II 32 | 14≈01 | 15 × 09 | 16Ƴ44 | 17826 | 16 Д 27 | 15≈01 | 16 X 13 | 17Ƴ46 | 18825 | 17П23 |
| 6S | 13≈02 | 14 × 10 | 15 Y 35 | 16815 | 15 II 32 15 II 24 | 14≈01 | 15 X 14 | 16 Y 36 | 17814 | 16 II 20 | 15≈07 | 16 X 17 | 17 Y 38 | 18812 | 17 II 25 |
| 7S | 13≈14 | 14 X 16 | 15℃28 | 16803 | 15П16 | 14≈13 | 15 X 18 | 16℃29 | 17802 | 16П12 | 15≈13 | 16¥21 | 17 Y 31 | 18800 | 17 I I07 |
| 8S | 13≈20 | 14 ¥ 20 | 15Ƴ21 | 15852 | 15П09 | 14≈19 | 15 ∺ 22 | 16Ƴ22 | 16850 | 16耳04 | 15≈19 | 16 ¥ 25 | 17 Ƴ 23 | 17848 | 16П59 |
| 9S | 13≈26 | 14 ¥ 25 | 15 ℃ 15 | 15840 | 15П01 | 14≈25 | 15 ∺ 27 | 16 ℃ 15 | 16838 | 15П56 | 15≈25 | 16 X 29 | 17Ƴ16 | 17836 | 16耳51 |
| 10S | 13≈32 | 14 X 29 | 15Ƴ08 | 15828 | 14耳53 | 14≈31 | 15 X 31 | 16Ƴ08 | 16826 | 15Ⅲ48 | 15≈30 | 16 X 33 | 17Ƴ08 | 17824 | 16耳43 |
| 11S | 13≈39 | 14 × 34 | 15 ℃ 02 | 15816 | 14П45 | 14≈37 | 15 ¥ 35 | 16Y01 | 16814 | 15 11 40 | 15≈36 | 16 × 37 | 17Υ01 | 17811 | 16Д35 |
| 12S 13S | 13≈45 13≈51 | 14 ¥ 38 14 ¥ 43 | 14 Υ 55 14 Υ 49 | 15 8 04 14 8 52 | 14 II 37 14 II 29 | 14≈43 14≈49 | 15 X 39 | 15 Υ 55 15 Υ 48 | 16 8 02 | 15 II 32 15 II 24 | 15≈42 15≈48 | 16 X 40 | 16Ƴ54 16Ƴ47 | 16 8 59 | 16П27 16П19 |
| 14S | 13≈57 | 14 X 47 | 14 Y 43 | 14841 | 14 II 21 | 14≈56 | 15 X 48 | 15 ↑ 4 8 | 15838 | 15 II 16 | 15≈54 | 16 X 48 | 16 Y 40 | 16835 | 16Д11 |
| 15S | 14≈03 | 14 × 52 | 14 Y 36 | 14829 | 14 I I12 | 15≈02 | 15 X 52 | 15 \ 734 | 15826 | 151108 | 16≈00 | 16 X 52 | 16 Y 32 | 16823 | 16 I I03 |
| 16S | 14≈09 | 14 X 52 | 14 Y 30 | 14817 | 14 II 04 | 15≈02 | 15 X 56 | 15 ¥ 34 15 ¥ 28 | 15814 | 14 Д 59 | 16≈06 | 16 × 56 | 16 Y 25 | 16810 | 15 II 54 |
| 17S | 14≈16 | 15 × 01 | 14Υ24 | 14805 | 13 Д 56 | 15≈14 | 16 × 00 | 15Y21 | 15802 | 14П51 | 16≈12 | 17 × 00 | 16Υ18 | 15858 | 15 Д 46 |
| 18S | 14≈22 | 15 ¥ 05 | 14Ƴ17 | 13853 | 13 Д 47 | 15≈20 | 16 X 05 | 15 ℃ 14 | 14849 | 14 Д 42 | 16≈19 | 17 ¥ 04 | 16 Y 11 | 15846 | 15Д37 |
| 19S | 14≈29 | 15 ¥ 10 | 14Ƴ11 | 13841 | 13 Д 39 | 15≈27 | 16 ¥ 09 | 15Ƴ08 | 14837 | 14 I I34 | 16≈25 | 17 ∺ 08 | 16 Y 04 | 15833 | 15 Д 29 |
| 20S | 14≈35 | 15 ∺ 14 | 14Ƴ05 | 13829 | 13П30 | 15≈33 | 16¥13 | 15Ƴ01 | 14825 | 14П25 | 16≈31 | 17 | 15Ƴ57 | 15821 | 15П20 |
| 21S | 14≈42 | 15 × 19 | 13Υ59 | 13817 | 13 П 22 | 15≈39 | 16 X 17 | 14Υ55 | 14813 | 14П16 | 16≈37 | 17 × 16 | 15Υ50 | 15808 | 15 Д 11 |
| 22S 23S | 14≈48 14≈55 | 15 ¥ 23 15 ¥ 28 | 13 Y 53 13 Y 46 | 13 8 05 12 8 52 | 13 II 13 13 II 04 | 15≈46 15≈52 | 16 ¥ 21 16 ¥ 26 | 14Ƴ48 14Ƴ41 | 14 8 00 13 8 48 | 14 II 08 13 II 59 | 16≈44 16≈50 | 17 ¥ 20 17 ¥ 24 | 15 Y 43 15 Y 36 | 14 8 56 14 8 43 | 15 II 02 14 II 53 |
| 24S | 15≈02 | 15 X 32 | 13 Y 40 | 12832 | 12 Д 55 | 15≈52 | 16 X 30 | 14 Y 35 | 13835 | 13 Д 39 | 16≈57 | 17 X 24 | 15 γ 30 15 γ 29 | 14830 | 14 II 33 |
| 25S | 15≈08 | 15 X 37 | 13 ° 34 | 12827 | 12 Д 45 | 16≈06 | 16 X 34 | 14℃28 | 13822 | 13 Д 40 | 17≈03 | 17 X 32 | 15 Y 22 | 14817 | 14Д35 |
| 26S | 15≈08 | 15 X 37 | 13 Y 34 13 Y 28 | 12827 | 12 Д 43 | 16≈13 | 16 X 34 | 14 Y 28 | 13822 | 13 II 31 | 17≈03 | 17 X 32 | 15 Y 22 | 14817 | 14 II 25 |
| 27S | 15≈22 | 15 × 46 | 13 Y 22 | 12802 | 12 Д 27 | 16≈19 | 16 × 43 | 14Y15 | 12857 | 13 Д21 | 17≈17 | 17 × 40 | 15Y08 | 13851 | 14 I I16 |
| 28S | 15≈29 | 15 X 51 | 13Ƴ16 | 11849 | 12 I 17 | 16≈26 | 16 X 47 | 14Ƴ08 | 12844 | 13 Д 11 | 17≈24 | 17 X 44 | 15 ⋎ 01 | 13838 | 14 I I06 |
| 29S | 15≈37 | 15 ¥ 56 | 13Ƴ09 | 11836 | 12П07 | 16≈34 | 16 ¥ 52 | 14Ƴ02 | 12830 | 13П01 | 17≈31 | 17 ∺ 48 | 14Ƴ54 | 13824 | 13П56 |
| 30S | 15≈44 | 16 ₩ 01 | 13℃03 | 11823 | 11 Д 57 | 16≈41 | 16 ¥ 56 | 13 ℃ 55 | 12817 | 12П51 | 17≈38 | 17 ∺ 52 | 14Ƴ47 | 13811 | 13 I I46 |
| 31S | 15≈51 | 16 × 05 | 12°57 | 11810 | 11 Д 47 | 16≈48 | 17 × 01 | 13 ℃ 48 | 12803 | 12 11 41 | 17≈45 | 17 X 56 | 14 740 | 12857 | 13 Д 35 |
| 32S 33S | 15≈59 16≈07 | 16 X 10 | 12 Υ 50 12 Υ 44 | 10 8 56 10 8 43 | 11 II 36 11 II 25 | 16≈56 17≈03 | 17 X 05 17 X 10 | 13 Y 42 13 Y 35 | 11 8 50 | 12 II 30 12 II 20 | 17≈52 18≈00 | 18 ¥ 00 18 ¥ 05 | 14 \gamma 33 14 \gamma 26 | 12843 12829 | 13 II 25 13 II 14 |
| 34S | 16≈15 | 16 × 20 | 12 Y 38 | 10829 | 11 II 14 | 17≈11 | 17 × 15 | 13 Y 28 | 11822 | 12 Д 09 | 18≈07 | 18 × 09 | 14 Y 18 | 12814 | 13 Д 03 |
| 35S | 16≈23 | 16¥25 | 12 Y 31 | 10815 | 11 Д 03 | 17≈19 | 17 X 19 | 13Ƴ21 | 11807 | 11 Д 57 | 18≈15 | 18 X 13 | 14 Y 11 | 12800 | 12П51 |
| 36S | 16≈31 | 16 × 30 | 12Y25 | 10801 | 10耳52 | 17≈27 | 17 × 24 | 13 Y 14 | 10853 | 11 Д 46 | 18≈23 | 18 X 18 | 14Υ04 | 11845 | 12 Д 40 |
| 37S | 16≈39 | 16 X 35 | 12 Y 18 | 9846 | 10 11 40 | 17≈35 | 17 X 29 | 13 ℃ 07 | 10838 | 11Ⅲ34 | 18≈31 | 18 ∺ 22 | 13 Y 56 | 11830 | 12 Д28 |
| 38S | 16≈48 | 16¥41 | 12°12 | 9832 | 10П28 | 17≈44 | 17 × 34 | 13 Y 00 | 10823 | 11 Д21 | 18≈39 | 18 X 27 | 13 ° 49 | 11815 | 12 П 15 |
| 39S | 16≈57 | 16 ¥ 46 | 12℃05 | 9817 | 10П15 | 17≈52 | 17 X 39 | 12 ℃ 53 | 10808 | 11 Д 09 | 18≈48 | 18 × 31 | 13 ℃ 41 | 10859 | 12П03 |
| 40S | 17≈06 | 16 × 51 | 11Υ58 | 9801 | 10 Д 02 | 18≈01 | 17 × 44 | 12°46 | 9852 | 10 11 56 | 18≈56 | 18 ¥ 36 | 13Υ34 | 10843 | 11 Д 50 |
| 41S 42S | 17≈15 17≈24 | 16 X 57 17 X 02 | 11 Υ 51 11 Υ 44 | 8846 8830 | 9П49 9П35 | 18≈10 18≈19 | 17 X 49 17 X 54 | 12 Ƴ 39 12 Ƴ 31 | 9837 9820 | 10 II 43 10 II 29 | 19≈05 19≈14 | 18 X 41 18 X 46 | 13 \cdot 26 13 \cdot 18 | 10827 10811 | 11 II 36 11 II 22 |
| 43S | 17≈34 | 17 × 08 | 11Υ38 | 8814 | 9П21 | 18≈29 | 17 X 59 | 12 Y 24 | 9804 | 10 II 14 | 19≈24 | 18 X 51 | 13 Y 10 | 9854 | 11 11 08 |
| 44S | 17≈44 | 17 | 11Ƴ30 | 7857 | 9П06 | 18≈39 | 18 ¥ 05 | 12 Y 16 | 8847 | 10П00 | 19≈33 | 18 ¥ 56 | 13℃02 | 9837 | 10П53 |
| 45S | 17≈54 | 17 ∺ 20 | 11Ƴ23 | 7 8 40 | 8П51 | 18≈49 | 18 X 10 | 12Ƴ09 | 8830 | 9П44 | 19≈43 | 19 X 01 | 12 ° 54 | 9819 | 10Д38 |
| 46S | 18≈05 | 17 ∺ 25 | 11Υ16 | 7823 | 8Д36 | 18≈59 | 18 | 12℃01 | 8812 | 9п29 | 19≈53 | 19 ¥ 06 | 12 Υ 46 | 9801 | 10 Д 22 |
| 47S | 18≈16 | 17 × 32 | 11Υ09 | 7805 | 8II 19 | 19≈10 1021 | 18 X 21 | 11 Y 53 | 7854 | 9П12 | 20≈04 20×15 | 19 X 11 | 12Y38 | 8843 | 10 11 05 |
| 48S 49S | 18≈27 18≈39 | 17 ¥ 38 17 ¥ 44 | 11Ƴ01 10Ƴ54 | 6847 6829 | 8П02 7П44 | 19≈21 19≈32 | 18 ¥ 27 18 ¥ 33 | 11 Y 45 11 Y 37 | 7836 7817 | 8П55 8П37 | 20≈15 20≈26 | 19 X 17 19 X 22 | 12 ° 29 12 ° 21 | 8824 8805 | 9П48 9П30 |
| | 18≈51 | | 10 Y 34 | | | 19≈44 | 18 X 39 | 11 Y 29 | | | | 19 X 28 | 12 Y 21 | 7 8 45 | 9 I I11 |
| 50S 51S | 18≈31 | 17 X 51 | 10°7°46 10°7°38 | 6810 5850 | 7 II 26 7 II 07 | 19≈44 19≈57 | 18 X 39 | 11\dagger 29 | 6857 6837 | 8П18 7П59 | 20≈38 20≈50 | 19 X 28 | 12 Y 12 12 Y 03 | 7824 | 9Д11 |
| 52S | 19≈17 | 18 × 04 | 10 Y 30 | 5830 | 6 I I46 | 20≈09 | 18 × 52 | 11 Y 12 | 6816 | 7П38 | 21≈02 | 19 × 39 | 11 Y 54 | 7803 | 8Д30 |
| 53S | 19≈30 | 18¥11 | 10℃22 | 5809 | 6П25 | 20≈23 | 18 X 58 | 11 ℃ 03 | 5855 | 7 Д 17 | 21≈15 | 19 ¥ 46 | 11 Υ 45 | 6841 | 8п09 |
| 54S | 19≈44 | 18 ∺ 19 | 10 ℃ 13 | 4848 | 6Ц03 | 20≈36 | 19 ¥ 05 | 10℃54 | 5833 | 6П54 | 21≈29 | 19 ¥ 52 | 11Ƴ35 | 6819 | 7П46 |
| 55S | 19≈59 | 18 ¥ 26 | 10Υ05 | 4825 | 5П39 | 20≈51 | 19 X 12 | 10℃45 | 5811 | 6П30 | 21≈43 | 19 ¥ 58 | 11Υ26 | 5856 | 7П22 |
| 56S | 20≈14 20≈20 | 18 X 34 | 9°756 | 4803 | 5II 14 | 21≈06 21≈22 | 19 X 19 | 10Y36 | 4847 | 6II 05 | 21≈58 22≈13 | 20 ¥ 05 | 11 7 16 | 5832 | 6П56 |
| 57S 58S | $20 \approx 30$ $20 \approx 47$ | 18 X 41 18 X 50 | 9Ƴ47 9Ƴ38 | 3839 3815 | 4 II 48 4 II 20 | 21≈22 21≈38 | 19 X 27 19 X 34 | 10 ° 27 10 ° 17 | 4823 3858 | 5 II 38 5 II 10 | 22≈13 22≈29 | 20 ¥ 12 20 ¥ 19 | 11 \(\psi 06 \) 10 \(\psi 55 \) | 5 8 08 4 8 42 | 6П29 6П00 |
| 59S | 21≈05 | 18 × 58 | 9Υ29 | 2849 | 3 II 50 | 21≈55 21≈55 | 19 X 42 | 10 Y 17 | 3832 | 4 П 39 | 22≈46 | 20 X 26 | 10 Y 45 | 4816 | 5П29 |
| 60S | 21≈24 | 19 X 07 | 9Υ19 | 2823 | 3п18 | 22≈14 | 19 X 50 | 9 Υ 57 | 3806 | 4H07 | 23≈04 | 20 ¥ 33 | 10 ° 34 | 3848 | 4П56 |
| 61S | 21≈43 | 19 X 16 | 9Υ10 | 1856 | 2П43 | 22≈33 | 19 × 58 | 9Υ46 | 2838 | 3 Д 32 | 23≈23 | 20 X 41 | 10 Y 23 | 3820 | 4H21 |
| 62S | 22≈04 | 19 ¥ 25 | 8 Y 59 | 1827 | 2П06 | 22≈53 | 20 ₩ 07 | 9Ƴ35 | 2809 | 2П54 | 23≈42 | 20 X 49 | 10 Y 11 | 2850 | 3П42 |
| 63S | 22≈26 | 19 × 34 | 8Υ49 | 0858 | 1 Д 26 | 23≈14 | 20 × 16 | 9℃24 | 1839 | 2Д13 | 24≈03 | 20 X 58 | 10Υ00 | 2819 | 3Д01 |
| 64S | 22≈49 | 19 ★ 44 | 8 Ƴ 38 | 0827 | 0П42 | 23≈37 | 20 ₩ 25 | 9Υ13 | 1807 | 1П29 | 24≈25 | 21 X 06 | 9Ƴ47 | 1847 | 2П15 |
| 65S | 23≈14 | 19 × 55 | 8Υ27 | 29Υ55 | 29854 | 24≈01 | 20 × 35 | 9Υ01 | 0834 | 0П40 | 24≈49 25 14 | 21 X 15 | 9Υ35 | 1813 | 1П25 |
| 66S | 23≈40 23≈56 | 20 \times 06 20 \times 12 | 8Ƴ16 8Ƴ09 | 29 Y 22 29 Y 02 | 29 8 01 28 8 29 | 24≈27 24≈42 | 20 X 45 20 X 51 | 8Ƴ49 8Ƴ42 | 0800 29Ƴ40 | 29845 29812 | 25≈14 25≈29 | 21 ¥ 25 21 ¥ 30 | 9 ° 22 9 ° 15 | 0838 0818 | 0Д30 29 8 56 |
| pc | 22≈20 | 20 X 12 | 0109 | 27102 | 20029 | L-T~~44 | 20 N 31 | 0144 | 47 I 40 | 29012 | 25~27 | 21 N 30 | 7113 | 0010 | 27030 |

| | Sid.Tir MC: | | 12m A 35'59 | RMC: 2 | 88°00' | Sid.Tir MC: | ne: 19h 17궁 | 16m A 31'55 | RMC: 2 | 289°00' | Sid.Tir MC: | ne: 19h2 18궁 | 20m A 327'58 | RMC: 2 | 90°00' |
|------------|---------------------------------|--|----------------------------------|----------------------------------|----------------------|----------------|--|------------------------------------|----------------------------------|----------------------|----------------|--|-----------------------------------|----------------------------------|------------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 15≈32 | 16 X 57 | 19Ƴ30 | 20826 | 18П57 | 16≈32 | 18¥02 | 20Ƴ34 | 21825 | 19П53 | 17≈33 | 19 X 07 | 21Ƴ38 | 22824 | 20П48 |
| 18 | 15≈38 | 17 × 01 | 19℃21 | 20813 | 18 II 50 | 16≈38 | 18 × 05 | 20Υ25 | 21812 | 19П45 | 17≈38 | 19 ¥ 10 | 21Υ28 | 22811 | 20 Д 40 |
| 2S 3S | 15≈43 15≈49 | 17 ¥ 05 17 ¥ 08 | 19Ƴ13 19Ƴ04 | 20801 19848 | 18 II 42 18 II 34 | 16≈44 16≈49 | 18 X 09 18 X 12 | 20 \cdot 16 20 \cdot 07 | 20859 20847 | 19П37 19П29 | 17≈44 17≈50 | 19 X 13 | 21 Y 19 21 Y 10 | 21858 21845 | 20 II 32 20 II 25 |
| 4S | 15≈49 15≈55 | 17 X 12 | 18 Y 56 | 19836 | 18П26 | 16≈55 | 18 X 16 | 19\gamma 58 | 20834 | 19 Д 29 | 17≈55 | 19 X 20 | 21 γ 10 21 γ 01 | 21832 | 20 II 23 20 II 17 |
| 58 | 16≈01 | 17¥16 | 18Ƴ48 | 19823 | 18П18 | 17≈01 | 18 X 19 | 19 Y 50 | 20821 | 19П13 | 18≈01 | 19 ¥ 23 | 20°752 | 21820 | 20П09 |
| 6S | 16≈07 | 17 × 10 | 18 Y 40 | 19811 | 18II 10 | 17≈06 | 18 X 23 | 19Υ41 | 20809 | 19П06 | 18≈06 | 19 X 26 | 20 Υ 32 20 Υ 43 | 21807 | 20 II 01 |
| 7S | 16≈12 | 17 ¥ 23 | 18 Y 32 | 18858 | 18п02 | 17≈12 | 18¥26 | 19Υ33 | 19856 | 18П58 | 18≈12 | 19 X 29 | 20Υ34 | 20854 | 19П53 |
| 8S | 16≈18 | 17 ¥ 27 | 18Ƴ24 | 18846 | 17П55 | 17≈18 | 18 ¥ 30 | 19Ƴ25 | 19844 | 18耳50 | 18≈18 | 19 ∺ 32 | 20℃25 | 20841 | 19П45 |
| 98 | 16≈24 | 17 | 18Ƴ16 | 18834 | 17П47 | 17≈23 | 18 ¥ 33 | 19Ƴ17 | 19831 | 18П42 | 18≈23 | 19 ¥ 35 | 20 Ƴ 17 | 20829 | 19П37 |
| 108 | 16≈30 | 17 × 34 | 18 Y 08 | 18821 | 17П39 | 17≈29 | 18 ¥ 36 | 19℃08 | 19819 | 18П34 | 18≈29 | 19 ¥ 38 | 20Υ08 | 20816 | 19П29 |
| 11S 12S | 16≈36 16≈41 | 17 ¥ 38 17 ¥ 42 | 18 ⋎ 01 17 ⋎ 53 | 18 8 09 17 8 57 | 17II 30 17II 22 | 17≈35 17≈41 | 18 X 40 18 X 43 | 19 ⋎ 00 18 ⋎ 52 | 19806 18854 | 18 II 26 18 II 18 | 18≈34 18≈40 | 19 X 41 | 20°700 19°751 | 20803 19851 | 19П21 19П13 |
| 13S | 16≈47 | 17 X 42 | 17 Y 33 | 17837 | 17II 22 | 17≈41 | 18 X 45 | 18 Y 44 | 18841 | 18耳09 | 18≈46 | 19 X 44 | 19 Y 31 | 19838 | 19Д13 |
| 14S | 16≈53 | 17 × 49 | 17Υ38 | 17832 | 17 I I06 | 17≈52 | 18 X 50 | 18 Y 36 | 18829 | 18 I I01 | 18≈51 | 19 X 50 | 19 Y 35 | 19825 | 18П56 |
| 15S | 16≈59 | 17 X 53 | 17Ƴ30 | 17819 | 16П58 | 17≈58 | 18¥53 | 18 Y 28 | 18816 | 17Д53 | 18≈57 | 19 X 53 | 19 Y 26 | 19812 | 18П48 |
| 16S | 17≈05 | 17 × 56 | 17Υ23 | 17807 | 16 I I49 | 18≈04 | 18 X 56 | 18 Y 21 | 18803 | 17 I I44 | 19≈03 | 19 × 56 | 19Υ18 | 19800 | 18П39 |
| 17S | 17≈11 | 18 ∺ 00 | 17Ƴ15 | 16854 | 16耳41 | 18≈10 | 19 X 00 | 18 Ƴ 13 | 17851 | 17Ⅲ36 | 19≈09 | 19 X 59 | 19Ƴ10 | 18847 | 18耳31 |
| 18S | 17≈17 | 18 × 03 | 17Υ08 | 16842 | 16II32 | 18≈16 | 19 ★ 03 | 18Y05 | 17838 | 17П27 | 19≈14 | 20 \(\) 02 | 19Υ02 | 18834 | 18 Д 22 |
| 198 | 17≈23 | 18 X 07 | 17 ℃ 01 | 16829 | 161124 | 18≈22 | 19 € 06 | 17Υ57 | 17825 | 17П19 | 19≈20 | 20 × 05 | 18 Y 53 | 18821 | 18114 |
| 20S 21S | 17≈29 17≈36 | 18 X 11 18 X 14 | 16 Υ 53 | 16 8 17 16 8 04 | 16II 15 16II 06 | 18≈28 18≈34 | 19 X 10 19 X 13 | 17Ƴ49 17Ƴ41 | 17812 16859 | 17II10 17II01 | 19≈26 19≈32 | 20 \(\pi\) 08 20 \(\pi\) 12 | 18 Ƴ 45 18 Ƴ 37 | 18 8 08 17 8 55 | 18耳05 17耳56 |
| 21S 22S | 17≈36 17≈42 | 18 X 14 | 16°7°46 16°7°39 | 15851 | 15 Д 57 | 18≈34 18≈40 | 19 X 13 | 17\dagger41 | 16839 | 16 II 52 | 19≈32 19≈38 | 20 X 12 20 X 15 | 18 Y 37 | 17833 | 17Д36 |
| 23S | 17≈48 | 18 ¥ 22 | 16 Y 31 | 15838 | 15 I I48 | 18≈46 | 19 X 20 | 17Υ26 | 16833 | 16Д43 | 19≈44 | 20 × 18 | 18 Y 21 | 17828 | 17Д38 |
| 24S | 17≈55 | 18 ¥ 25 | 16Ƴ24 | 15825 | 15П39 | 18≈52 | 19 ∺ 23 | 17Ƴ18 | 16820 | 16耳34 | 19≈51 | 20 X 21 | 18 Ƴ 12 | 17815 | 17П28 |
| 25S | 18≈01 | 18 ∺ 29 | 16 Y 16 | 15812 | 15П30 | 18≈59 | 19 ¥ 26 | 17 Ƴ 10 | 16807 | 16П24 | 19≈57 | 20 X 24 | 18 ⋎ 04 | 17801 | 17П19 |
| 26S | 18≈08 | 18 ¥ 33 | 16Υ09 | 14859 | 15П20 | 19≈05 | 19 ¥ 30 | 17 ⋎ 03 | 15853 | 16П15 | 20≈03 | 20 ¥ 27 | 17 Y 56 | 16848 | 17П09 |
| 27S 28S | 18≈14 18≈21 | 18 ¥ 36 18 ¥ 40 | 16Ƴ02 15Ƴ54 | 14845 14832 | 15 II 10 15 II 01 | 19≈12 | 19 ** 33 19 ** 37 | 16 Υ 55 16 Υ 47 | 15 8 40 15 8 26 | 16II 05 | 20≈09 20≈16 | 20 \(\pm\) 30 20 \(\pm\) 33 | 17Ƴ48 17Ƴ40 | 16834 | 17 I I00 16 I I50 |
| 29S | 18≈28 | 18 X 44 | 15 Y 34 15 Y 47 | 14832 | 14 II 50 | 19≈18 19≈25 | 19 X 37 | 16 Y 39 | 15812 | 15 II 55 15 II 45 | 20≈10 20≈23 | 20 X 35 | 17 Y 40 | 16 8 20 16 8 06 | 16Д30 |
| 30S | 18≈35 | 18 X 48 | 15 Y 39 | 14804 | 14 I I40 | 19≈32 | 19 X 44 | 16 Y 31 | 14858 | 15 Д 35 | 20≈29 | 20 X 40 | 17Y23 | 15851 | 16П29 |
| 31S | 18≈42 | 18 X 52 | 15Υ32 | 13850 | 14 I I30 | 19≈39 | 19 X 47 | 16Υ23 | 14844 | 15 II 24 | 20≈36 | 20 X 43 | 17 Y 15 | 15837 | 16 I I19 |
| 32S | 18≈49 | 18 ¥ 56 | 15Ƴ24 | 13836 | 14 I I19 | 19≈46 | 19 ¥ 51 | 16Ƴ15 | 14829 | 15 II 13 | 20≈43 | 20 ¥ 46 | 17Ƴ06 | 15822 | 16 I I08 |
| 33S | 18≈56 | 19 ¥ 00 | 15Υ16 | 13822 | 14П08 | 19≈53 | 19 X 54 | 16Y07 | 14815 | 15 Д 02 | 20≈50 | 20 X 49 | 16Υ58 | 15807 | 15 Д 57 |
| 348 | 19≈04 | 19 ¥ 04 | 15Ƴ09 | 13807 | 13П57 | 20≈00 | 19 X 58 | 15 Ƴ 59 | 14800 | 14П51 | 20≈57 | 20 ¥ 53 | 16 Y 50 | 14852 | 15П45 |
| 35S | 19≈11 | 19 × 08 | 15°°01 | 12852 | 13 11 46 | 20≈08 20 16 | 20 × 02 | 15°V 51 | 13845 | 14 11 40 | 21≈04 | 20 ± 56 20 ± 59 | 16°°41 | 14837 | 15 II 34 |
| 36S 37S | 19≈19 19≈27 | 19 X 12 19 X 16 | 14 Υ 53 14 Υ 46 | 12837 12822 | 13 II 34 13 II 22 | 20≈16 20≈23 | 20 ± 06 20 ± 09 | 15 Y 43 15 Y 35 | 13 8 29 13 8 14 | 14 II 28 14 II 16 | 21≈12 21≈20 | 20 X 39 21 X 03 | 16Ƴ32 16Ƴ24 | 14821 14806 | 15 Д 22 15 Д 10 |
| 38S | 19≈35 | 19 X 20 | 14Y38 | 12806 | 13 Д 09 | 20≈23 20≈31 | 20 X 13 | 15Υ26 | 12858 | 14 11 03 | 21≈20 21≈27 | 21 X 06 | 16Υ15 | 13849 | 14 II 57 |
| 39S | 19≈44 | 19 X 24 | 14Ƴ30 | 11851 | 12П57 | 20≈39 | 20 X 17 | 15Ƴ18 | 12842 | 13 II 50 | 21≈35 | 21 ¥ 10 | 16 Y 06 | 13833 | 14 I I44 |
| 40S | 19≈52 | 19 ¥ 29 | 14Ƴ22 | 11834 | 12П43 | 20≈48 | 20 ¥ 21 | 15 Ƴ 09 | 12825 | 13 Д 37 | 21≈43 | 21 X 14 | 15 Ƴ 57 | 13816 | 14П31 |
| 41S | 20≈01 | 19 X 33 | 14Ƴ13 | 11818 | 12 Д 30 | 20≈56 | 20 X 25 | 15℃01 | 12809 | 13 Д 23 | 21≈52 | 21 X 17 | 15Ƴ48 | 12859 | 14 I 17 |
| 42S | 20≈10 20×10 | 19 X 37 19 X 42 | 14Y05 | 11801 | 121116 | 21≈05 | 20 \(\pm\) 29 20 \(\pm\) 33 | 14 Y 52 | 11852 | 13 Д 09 | 22≈00 | 21 ¥21 | 15 Y 39 | 12842 | 14 II 03 |
| 43S 44S | $20 \approx 19$ $20 \approx 28$ | 19 X 42 | 13 Y 57 13 Y 48 | 10844 10827 | 12 II 01 11 II 46 | 21≈14 21≈23 | 20 X 33 20 X 38 | 14Ƴ43 14Ƴ34 | 11 8 34 11 8 16 | 12 II 55 12 II 40 | 22≈09 22≈18 | 21 X 25 21 X 29 | 15 \gamma 30 15 \gamma 20 | 12824 12806 | 13 П 48 13 П 33 |
| 45S | 20≈38 | 19 ¥ 51 | 13 Y 40 | 10809 | 11 11 31 | 21≈33 | 20 X 42 | 14 Y 25 | 10858 | 12 Д 24 | 22≈28 | 21 ** 32 | 15 Y 11 | 11847 | 13 Д 17 |
| 43S 46S | 20≈38 20≈48 | 19 X 51 | 13 Y 40 | 9850 | 11 Д 31 | 21≈33 21≈42 | 20 X 42 | 14 Y 23 | 10839 | 12 II 24 12 II 08 | 22≈28 | 21 X 32 21 X 36 | 15 Y 11 | 11828 | 13 Д 17 |
| 47S | 20≈58 | 20 ¥ 01 | 13Ƴ22 | 9832 | 10П58 | 21≈53 | 20 X 51 | 14Ƴ07 | 10820 | 11Д51 | 22≈47 | 21 X 41 | 14 Y 51 | 11809 | 12П44 |
| 48S | 21≈09 | 20 × 06 | 13 Y 13 | 9812 | 10П40 | 22≈03 | 20 X 55 | 13 Y 57 | 10801 | 11 Д 33 | 22≈57 | 21 X 45 | 14941 | 10849 | 12 Д 26 |
| 49S | 21≈20 | 20 X 11 | 13 ℃ 04 | 8852 | 10 Д 22 | 22≈14 | 21 ¥ 00 | 13 ℃ 48 | 9840 | 11 11 15 | 23≈08 | 21 🗙 49 | 14 Y 31 | 10828 | 12 Д 08 |
| 50S | 21≈31 | 20 × 16 | 12Υ55 | 8832 | 10 II 03 | 22≈25 22≈36 | 21 X 05 | 13 Y 38 | 9820 | 10Д56 | 23≈19 23≈20 | 21 X 53 | 14°°21 | 10807 | 11 II 48 |
| 51S 52S | 21≈43 21≈55 | 20 \times 22 20 \times 27 | 12 Y 46 12 Y 36 | 8 8 11 7 8 50 | 9П43 9П22 | 22≈36 22≈48 | 21 ¥ 10 21 ¥ 15 | 13 \cdot 28 13 \cdot 18 | 8858 8836 | 10 II 36 10 II 15 | 23≈30 23≈42 | 21 ¥ 58 22 ¥ 02 | 14Ƴ10 14Ƴ00 | 9845 9823 | 11 Д 28 11 Д 07 |
| 53S | 22≈08 | 20 X 27 | 12 Y 36 | 7828 | 9П00 | 23≈01 | 21 X 20 | 13 Y 18 | 8814 | 9П52 | 23≈54 23≈54 | 22 × 07 | 13°Y49 | 9800 | 10 Д 44 |
| 54S | 22≈21 | 20 X 38 | 12 Y 16 | 7 8 05 | 8П37 | 23≈14 | 21 ¥ 25 | 12 Y 57 | 7 8 51 | 9П29 | 24≈06 | 22 X 12 | 13 Ƴ 38 | 8836 | 10Д21 |
| 55S | 22≈35 | 20 X 44 | 12 Y 06 | 6841 | 8п13 | 23≈27 | 21 ¥31 | 12 Y 46 | 7826 | 9п04 | 24≈19 | 22 X 17 | 13 Y 26 | 8812 | 9Д56 |
| 56S | 22≈49 | 20 × 51 | 11Υ55 | 6817 | 7II47 | 23≈41 | 21 ** 36 | 12Υ35 | 7802 | 8Д38 | 24≈33 | 22 X 22 | 13 Y 15 | 7846 | 9П29 |
| 57S | 23≈04 23≈20 | 20 X 57 | 11Ƴ45 11Ƴ34 | 5852 5836 | 7 II 20 6 II 50 | 23≈56 24≈11 | 21 X 42 21 X 48 | 12 Y 24 12 Y 12 | 6836 6800 | 8 II 10 | 24≈48 25≈03 | 22 ¥ 27 | 13 Y 03 | 7820 6853 | 9Д01 8Д31 |
| 58S 59S | 23≈20 23≈37 | 21 ¥ 03 21 ¥ 10 | 11\psi/34 11\psi/23 | 5826 4859 | 6H30 | 24≈11 24≈27 | 21 X 48 21 X 54 | $12^{\gamma}12$ $12^{\gamma}00$ | 6809 5842 | 7 II 41 7 II 09 | 25≈03 25≈18 | 22 ¥ 33 22 ¥ 38 | 12 \gamma 51 12 \gamma 38 | 6853 6825 | 7Д59 |
| 60S | 23≈54 | 21 X 17 | 11 γ 11 | 4831 | 5 I I46 | 24≈44 | 22 ¥ 00 | 11 ° 48 | 5813 | 6Д35 | 25≈35 | 22 X 44 | 12 Y 26 | 5 8 55 | 7 Д 25 |
| 61S | 23≈34 24≈12 | 21 X 17 | 10 Y 59 | 4801 | 5H40 | 24≈44 25≈02 | 22 X 00 | 11 Y 46 | 4843 | 5 II 58 | 25≈53 25≈52 | 22 X 44 22 X 50 | 12 Y 20 12 Y 12 | 5 8 25 | 6П47 |
| 62S | 24≈32 | 21 X 32 | 10 Y 47 | 3831 | 4П31 | 25≈21 | 22 X 14 | 11Υ23 | 4812 | 5п19 | 26≈10 | 22 X 56 | 11Υ59 | 4853 | 6П07 |
| 63S | 24≈52 | 21 ** 39 | 10Υ35 | 3800 | 31148 | 25≈41 | 22 ¥ 21 | 11Υ10 | 3840 | 4II36 | 26≈30 | 23 ¥ 02 | 11°745 | 4820 | 5П23 |
| 64S | 25≈13 | 21 X 47 | 10℃22 | 2827 | 3п02 | 26≈02 | 22 ¥ 28 | 10℃56 | 3806 | 3II48 | 26≈50 | 23 ₩ 09 | 11Ƴ31 | 3846 | 4Д35 |
| 65S | 25≈36 | 21 × 55 | 10Υ09 | 1852 | 2П11 | 26≈24 | 22 ¥ 36 | 10 ° 42 | 2831 | 2Д56 | 27≈12 | 23 ¥ 16 | 11Υ16 | 3810 | 3Д41 |
| 66S | 26≈01 26≈15 | 22 ¥ 04 22 ¥ 09 | 9 Υ 55 9 Υ 47 | 1816 0855 | 1П14 0П39 | 26≈48 27≈02 | 22 X 44 22 X 48 | 10 Y 28 10 Y 20 | 1854 1833 | 1 II 58 1 II 22 | 27≈35 27≈49 | 23 ¥ 23 23 ¥ 27 | 11 \(\psi 01 \) 10 \(\psi 52 \) | 2832 2810 | 2П42 2П05 |
| pc | 20~13 | 22 N 03 | 2 T 47 | 0033 | ОДЗЯ | ∠/≈U∠ | 22 X 40 | 10 1 20 | 1033 | 1 II 22 | <u> </u> | 23 1 21 | 10 32 | 2010 | 2щ03 |

| | Sid.Tir MC: | | 24m A 324'06 | RMC: 2 | 91°00' | Sid.Tir MC: | | 28m A 320'21 | RMC: 2 | 292°00' | Sid.Tir MC: | ne: 19hí 21ප | 32m A 316'42 | RMC: 2 | 293°00' |
|------------|----------------|--|----------------------------------|----------------------------------|----------------------|----------------|--|----------------------------------|----------------------------------|----------------------|----------------------------|--|----------------------------------|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 18≈34 | 20 X 12 | 22Ƴ42 | 23823 | 21 Д43 | 19≈35 | 21 X 17 | 23 ℃ 46 | 24821 | 22 Д 39 | 20≈36 | 22 ¥ 22 | 24Ƴ49 | 25820 | 23 Д 34 |
| 1S | 18≈39 | 20 X 15 | 22 Ƴ 32 | 23810 | 21 Д36 | 19≈40 | 21 X 20 | 23 Y 35 | 24808 | 22 Д 31 | 20≈41 | 22 X 24 | 24 Ƴ 38 | 25807 | 23 Д26 |
| 2S | 18 ≈ 45 | 20 X 18 | 22Y22 | 22857 | 21 11 28 | 19≈45 | 21 ¥ 22 | 23Υ25 | 23855 | 22 II 23 | 20≈46 | 22 ¥ 27 | 24Y28 | 24853 | 23 П 18 |
| 3S 4S | 18≈50 18≈56 | 20 \times 21 20 \times 23 | 22 \gamma 13 22 \gamma 03 | 22 8 44 22 8 31 | 21 II 20 21 II 12 | 19≈51 19≈56 | 21 ¥ 25 21 ¥ 27 | 23 Y 15 23 Y 05 | 23 8 42 23 8 29 | 22 II 15 22 II 07 | 20≈52 20≈57 | 22 ¥ 29 22 ¥ 31 | 24 ° 17 24 ° 07 | 24840 24827 | 23 II 10 23 II 02 |
| 5S | 19 ≈ 01 | 20 X 26 | 21 Y 54 | 22818 | 21 11 04 | 20≈02 | 21 X 30 | 22 Y 55 | 23816 | 21 Д 59 | 21≈02 | 22 X 33 | 23 Y 57 | 24813 | 22 II 54 |
| 6S | 19≈01 | 20 X 20 20 X 29 | 21 Y 34 21 Y 44 | 22805 | 20 II 56 | 20≈02 20≈07 | 21 X 30 21 X 32 | 22 Y 33 | 23803 | 21 Д 59 | 21≈02 21≈07 | 22 X 35 | 23 Y 37 | 24813 | 22 II 34 22 II 46 |
| 7S | 19≈12 | 20 × 32 | 21Υ35 | 21852 | 20耳48 | 20≈12 | 21 X 35 | 22 Y 36 | 22849 | 21 Д 43 | 21≈13 | 22 ¥ 38 | 23 Y 37 | 23847 | 22 Д 38 |
| 8S | 19≈18 | 20 X 35 | 21Ƴ26 | 21839 | 20П40 | 20≈18 | 21 X 37 | 22 Y 27 | 22836 | 21 Д 35 | 21≈18 | 22 X 40 | 23 ℃ 27 | 23834 | 22 Д 30 |
| 9S | 19≈23 | 20 X 37 | 21 ⋎ 17 | 21826 | 20П32 | 20≈23 | 21 X 40 | 22 Ƴ 17 | 22823 | 21 Д 27 | 21≈23 | 22 X 42 | 23 Ƴ 17 | 23821 | 22П22 |
| 10S | 19≈29 | 20 ¥ 40 | 21℃08 | 21813 | 20П24 | 20≈28 | 21 X 42 | 22 Y 08 | 22810 | 21 П 19 | 21≈28 | 22 X 44 | 23℃07 | 23807 | 22 II 14 |
| 118 | 19≈34 | 20 × 43 | 20Υ59 | 21800 | 201116 | 20≈34 | 21 × 45 | 21 Υ 58 | 21857 | 21 11 11 | 21≈34 | 22 X 46 | 22Υ58 | 22854 | 22 Д 06 |
| 12S 13S | 19≈40 19≈45 | 20 \times 46 20 \times 48 | 20 \gamma 50 20 \gamma 42 | 20848 20835 | 20 II 08 19 II 59 | 20≈39 20≈45 | 21 X 47 21 X 50 | 21 \gamma 49 21 \gamma 40 | 21844 21831 | 21 II 03 20 II 54 | 21≈39 21≈44 | 22 X 49 22 X 51 | 22 \gamma 48 22 \gamma 38 | 22 8 41 22 8 28 | 21 II 58 21 II 49 |
| 14S | 19≈51 | 20 X 51 | 20 Y 33 | 20822 | 19Д51 | 20≈43 20≈50 | 21 X 52 | 21 Y 31 | 21818 | 20 Д 46 | 21≈50 | 22 X 53 | 22 Υ 29 | 22815 | 21 Д41 |
| 15S | 19≈56 | 20 X 54 | 20Ƴ24 | 20809 | 19П43 | 20≈56 | 21 X 54 | 21 Y 22 | 21805 | 20 Д 38 | 21≈55 | 22 ¥ 55 | 22 Y 20 | 22801 | 21 ДЗЗ |
| 16S | 20≈02 | 20 × 57 | 20Υ15 | 19856 | 19 Д 34 | 21≈01 | 21 X 57 | 21 Y 13 | 20852 | 20 Д 29 | 22≈01 | 22 X 57 | 22 Υ 20 22 Υ 10 | 21848 | 21 II 24 |
| 17S | 20≈08 | 20 X 59 | 20Ƴ07 | 19843 | 19П26 | 21≈07 | 21 X 59 | 21 Y 04 | 20839 | 20П21 | 22≈06 | 22 X 59 | 22 Y 01 | 21835 | 21П16 |
| 18S | 20≈13 | 21 × 02 | 19Y58 | 19830 | 19П17 | 21≈12 | 22 ¥ 02 | 20Υ55 | 20826 | 20 П 12 | 22≈12 | 23 ¥ 01 | 21 751 | 21821 | 21 Д 07 |
| 198 | 20≈19 | 21 × 05 | 19℃50 | 19817 | 191108 | 21≈18 | 22 X 04 | 20 ℃ 46 | 20812 | 20 Д 03 | 22≈17 | 23 ¥ 03 | 21Υ42 | 21808 | 20П58 |
| 20S 21S | 20≈25 20×21 | 21 X 07 21 X 10 | 19Ƴ41 19Ƴ32 | 19 8 03 | 19 🗆 00 | 21≈24 21≈29 | 22 ¥ 06 22 ¥ 09 | 20 \gamma 37 20 \gamma 28 | 19859 19845 | 19 Д 54 | 22≈23 22≈28 | 23 ¥ 06 23 ¥ 08 | 21 \gamma 33 21 \gamma 23 | 20854 | 20 II 49 20 II 40 |
| 21S 22S | 20≈31 20≈37 | 21 X 10 21 X 13 | 19 Y 32 | 18837 | 18 II 51 18 II 42 | 21≈29 21≈35 | 22 X 09 | 20 Y 28 20 Y 19 | 19832 | 19П45 19П36 | 22≈28 22≈34 | 23 X 08 | 21 Y 23 | 20840 20827 | 20 II 40 20 II 31 |
| 23S | 20≈43 | 21 X 16 | 19Υ15 | 18823 | 18 Д 32 | 21≈41 | 22 X 14 | 20Υ10 | 19818 | 19 Д 27 | 22≈40 | 23 X 12 | 21Υ05 | 20813 | 20П22 |
| 24S | 20≈49 | 21 X 18 | 19Ƴ07 | 18809 | 18П23 | 21≈47 | 22 X 16 | 20 Y 01 | 19804 | 19П18 | 22≈45 | 23 X 14 | 20Y55 | 19859 | 20П12 |
| 25S | 20≈55 | 21 ¥ 21 | 18 Ƴ 58 | 17856 | 18П14 | 21≈53 | 22 X 19 | 19 Ƴ 52 | 18850 | 19П08 | 22≈51 | 23 ¥ 16 | 20 Ƴ 46 | 19845 | 20П03 |
| 26S | 21≈01 | 21 X 24 | 18 Υ 50 | 17842 | 18 I I04 | 21≈59 | 22 X 21 | 19Ƴ43 | 18836 | 18П59 | 22≈57 | 23 X 18 | 20 Ƴ 37 | 19830 | 19П53 |
| 278 | 21≈07 | 21 × 27 | 18 Y 41 | 17828 | 17П54 | 22≈05 22×11 | 22 ¥ 24 | 19 Y 34 | 18822 | 18П49 | 23≈03 | 23 ¥21 | 20°27 | 19816 | 19П43 |
| 28S 29S | 21≈14 21≈20 | 21 ¥ 30 21 ¥ 33 | 18 Ƴ 32 18 Ƴ 24 | 17 8 14 16 8 59 | 17 II 44 17 II 34 | 22≈11 22≈18 | 22 ¥ 26 22 ¥ 29 | 19 Y 25 19 Y 16 | 18 8 07 17 8 53 | 18耳39 18耳28 | 23≈09 23≈16 | 23 ¥ 23 23 ¥ 25 | 20 Y 18 20 Y 08 | 19 8 01 18 8 47 | 19Д33 19Д23 |
| 30S | 21≈27 | 21 X 35 | 18 Y 15 | 16845 | 17Д31 | 22≈24 | 22 X 31 | 19 Y 07 | 17838 | 18 Д 18 | 23≈22 | 23 X 27 | 19Y59 | 18832 | 19П12 |
| 31S | 21≈27 21≈33 | 21 X 38 | 18 Y 06 | 16830 | 17 II 24 17 II 13 | 22≈24 22≈31 | 22 X 34 | 18 Y 58 | 17823 | 18Д07 | 23≈22 23≈28 | 23 X 30 | 19 Y 49 | 18816 | 19П12 |
| 32S | 21≈40 | 21 X 41 | 17 Y 58 | 16815 | 17П02 | 22≈37 | 22 X 37 | 18 Y 49 | 17808 | 17Д56 | 23≈35 | 23 ¥ 32 | 19 Υ 40 | 18801 | 18П51 |
| 33S | 21≈47 | 21 X 44 | 17℃49 | 16800 | 16П51 | 22≈44 | 22 ¥ 39 | 18 Y 39 | 16853 | 17П45 | 23≈41 | 23 ¥ 34 | 19Ƴ30 | 17845 | 18П40 |
| 34S | 21≈54 | 21 X 47 | 17Ƴ40 | 15845 | 16П40 | 22≈51 | 22 X 42 | 18 Y 30 | 16837 | 17П34 | 23≈48 | 23 ¥ 37 | 19Ƴ20 | 17830 | 18П28 |
| 35S | 22≈01 | 21 X 50 | 17Υ31 | 15829 | 16П28 | 22≈58 | 22 X 45 | 18 Y 21 | 16821 | 17П22 | 23≈55 | 23 X 39 | 19Υ11 | 17814 | 18116 |
| 36S 37S | 22≈08 22≈16 | 21 ¥ 53 21 ¥ 56 | 17 Y 22 17 Y 13 | 15 8 13 14 8 57 | 16II16 16II04 | 23≈05 23≈12 | 22 ¥ 47 22 ¥ 50 | 18 Y 11 18 Y 02 | 16 8 05 15 8 49 | 17II 10 16II 58 | 24≈02 24≈09 | 23 ¥ 41 23 ¥ 44 | 19°701 18°751 | 16 8 57 | 18 II 04 17 II 52 |
| | | | 17 Y 03 | | 15 II 51 | | | | | | | 23 X 46 | 1 | | |
| 39S | 22≈31 | 22 ¥ 03 | 16Ƴ54 | 14824 | 15Д38 | 23≈27 | 22 ¥ 56 | 17Ƴ42 | 15815 | 16П32 | 24≈24 | 23 ¥ 49 | 18 Ƴ 30 | 16807 | 17П26 |
| 40S | 22≈39 | 22 ¥ 06 | 16Ƴ45 | 14807 | 15П25 | 23≈35 | 22 X 59 | 17 Ƴ 33 | 14858 | 16П18 | 24≈31 | 23 ¥ 51 | 18 Y 20 | 15849 | 17П12 |
| 41S | 22≈47 | 22 X 09 | 16Ƴ35 | 13850 | 15 I I1 | 23≈43 | 23 ¥ 02 | 17Ƴ23 | 14840 | 16耳05 | 24≈39 | 23 X 54 | 18 Y 10 | 15831 | 16Д58 |
| 42S | 22≈56 | 22 X 13 | 16℃26 | 13832 | 14П57 | 23≈51 | 23 ¥ 05 | 17°13 | 14822 | 15 II 50 | 24≈47 | 23 ¥ 56 | 17°59 | 15813 | 16 11 44 |
| 43S 44S | 23≈04 23≈13 | 22 X 16 22 X 20 | 16°Y16 16°Y06 | 13 8 14 12 8 56 | 14 II 42 14 II 26 | 24≈00 24≈09 | 23 ¥ 08 23 ¥ 11 | 17\cdot 02 16\cdot 52 | 14804 13845 | 15 II 35 15 II 20 | 24≈55 25≈04 | 23 \times 59 24 \times 02 | 17 Ƴ 49 17 Ƴ 38 | 14854 14835 | 16П29 16П13 |
| 45S | 23≈22 | 22 X 23 | 15 Y 56 | 12837 | 141111 | 24≈17 | 23 X 14 | 16°Y42 | 13826 | 15 Д 26 | 25≈12 | 24 ¥ 04 | 17 Y 27 | 14815 | 15 Д 57 |
| 46S | 23≈22 23≈32 | 22 X 23 | 15 Y 46 | 12837 | 13 Д 54 | 24≈17 24≈27 | 23 X 17 | 16 Y 42 | 13826 | 14 II 47 | 25≈12 25≈21 | 24 X 04 24 X 07 | 17Υ16 | 13855 | 15II 37 |
| 47S | 23≈41 | 22 X 30 | 15Ƴ36 | 11857 | 13 Д 37 | 24≈36 | 23 ¥ 20 | 16 Y 20 | 12846 | 14П30 | 25≈31 | 24 X 10 | 17 ⋎ 05 | 13835 | 15 Д 23 |
| 48S | 23≈51 | 22 ¥ 34 | 15 ° 25 | 11837 | 13 П 19 | 24≈46 | 23 ¥ 24 | 16Y09 | 12825 | 14 П 12 | 25≈40 | 24 ¥ 13 | 16°Y 53 | 13813 | 15 Д 05 |
| 49S | 24≈02 | 22 X 38 | 15 Υ 15 | 11816 | 13 11 00 | 24≈56 | 23 ¥ 27 | 15Υ58 | 12804 | 13 Д 53 | 25≈50 | 24 × 16 | 16 ° 42 | 12852 | 141146 |
| 50S | 24≈12 24×22 | 22 X 42 | 15°°04 | 10855 | 12 Д 41 | 25≈06 25×17 | 23 ¥ 31 | 15 Y 47 | 11842 | 13 Д 33 | 26≈00 26×11 | 24 X 19 | 16Y30 | 12829 | 14II 26 |
| 51S 52S | 24≈23 24≈35 | 22 ¥ 46 22 ¥ 50 | 14 Υ 53 14 Υ 42 | 10832 10810 | 12 II 20 11 II 59 | 25≈17 25≈28 | 23 ¥ 34 23 ¥ 38 | 15 Y 35 15 Y 24 | 11819 10856 | 13 II 13 12 II 51 | 26≈11 26≈21 | 24 ¥ 22 24 ¥ 25 | 16 Y 18 16 Y 06 | 12 8 06 11 8 43 | 14 II 05 13 II 44 |
| 53S | 24≈47 | 22 X 54 | 14 Y 30 | 9846 | 11 Д36 | 25≈40 | 23 X 41 | 15Υ12 15Υ12 | 10832 | 12 Д 28 | 26≈33 | 24 X 29 | 15 Y 53 | 11818 | 13 Д 20 |
| 54S | 24≈59 | 22 X 59 | 14Ƴ19 | 9822 | 11 Д 12 | 25≈52 | 23 X 45 | 14 Y 59 | 10808 | 12П04 | 26≈44 | 24 X 32 | 15Ƴ40 | 10853 | 12П56 |
| 55S | 25≈12 | 23 X 03 | 14Ƴ07 | 8 8 57 | 10П47 | 26≈04 | 23 X 49 | 14Ƴ47 | 9842 | 11 Д 39 | 26≈57 | 24 ¥ 36 | 15Ƴ27 | 10827 | 12Д30 |
| 56S | 25≈25 | 23 ¥ 08 | 13 Y 55 | 8831 | 10 Д 20 | 26≈17 | 23 ¥ 53 | 14 Y 34 | 9816 | 11 Д 12 | 27≈09 | 24 ¥ 39 | 15 Υ 14 | 10800 | 12 Д 03 |
| 57S 58S | 25≈39 25≈54 | 23 X 12 23 X 17 | 13 Y 42 13 Y 29 | 8804 7836 | 9П52 9П22 | 26≈31 26≈45 | 23 \times 58 24 \times 02 | 14 Y 21 14 Y 08 | 8848 8820 | 10 II 43 10 II 12 | 27≈23 27≈37 | 24 X 43 24 X 47 | 15Ƴ00 14Ƴ46 | 9832 9804 | 11 II 34 11 II 03 |
| 59S | 25≈54 26≈09 | 23 X 17 | 13 Y 29 13 Y 16 | 7808 | 9H22 8H49 | 26≈43 27≈00 | 24 X 02 24 X 06 | 14 Y 08 13 Y 54 | 8 82 0 7 8 51 | 9Д39 | 27≈51 27≈51 | 24 X 47 24 X 50 | 14 Y 46 14 Y 32 | 8 8 34 | 10 Д 30 |
| 60S | 26≈25 | 23 X 27 | 13 Y 03 | 6838 | 8II14 | 27≈16 | 24 X 11 | 13 Y 40 | 7820 | 9п04 | 28≈06 | 24 X 55 | 14 Y 17 | 8802 | 9П54 |
| 61S | 26≈42 | 23 X 27 | 12°Y49 | 6 8 07 | 7Д36 | 27≈10 27≈32 | 24 × 16 | 13 Y 26 | 6848 | 8П26 | 28≈22 | 24 X 59 | 14 Y 17 | 7 8 30 | 9Д15 |
| 62S | 27≈00 | 23 ¥ 38 | 12 Y 35 | 5 8 34 | 6Ц55 | 27≈50 | 24 X 21 | 13 Y 11 | 6 8 15 | 7П44 | 28≈39 | 25 ¥ 03 | 13℃47 | 6856 | 8Д32 |
| 63S | 27≈19 | 23 X 44 | 12Y20 | 5801 | 6П11 | 28≈08 | 24 ¥ 26 | 12°755 | 5841 | 6Д58 | 28≈57 | 25 ¥ 08 | 13 Y 31 | 6821 | 7П46 |
| 64S | 27≈39 | 23 X 50 | 12Υ05 | 4825 | 5П21 | 28≈27 | 24¥31 | 12 Y 40 | 5805 | 6П08 | 29≈16 | 25 ¥ 12 | 13°714 | 5844 | 6Д55 |
| 65S | 28≈00 | 23 X 56 | 11Υ50 | 3849 | 4П27 | 28≈48 20 10 | 24 × 37 | 12Υ24 | 4827 | 5 <u>П</u> 12 | 29≈36 | 25 ¥ 17 | 12°757 | 5806 | 5II 58 |
| 66S pc | 28≈22 28≈36 | 24 \times 03 24 \times 07 | 11 ° 34 11 ° 25 | 3810 2848 | 3П26 2П48 | 29≈10 29≈23 | 24 \times 42 24 \times 46 | 12 ℃ 07 11 ℃ 57 | 3848 3825 | 4П10 3П31 | 29≈57 0 ¥ 10 | 25 ¥ 22 25 ¥ 25 | 12 \gamma 40 12 \gamma 30 | 4826 4803 | 4П54 4П14 |
| . PV | ~∪~>JU | 2-7 N U / | 11143 | 2040 | 2440 | 2/~23 | 277,40 | 1113/ | 2023 | <u>лил</u> і | _ JV 10 | 22 1 23 | 12 1 30 | 1 7003 | 7414 |

| SE 21-647 23419 25792 26605 24111 32-649 24184 26793 26649 25108 23-655 23462 27193 25791 2581 23143 25792 25824 23157 22-659 24183 26792 26655 25100 23-655 23462 27193 25793 25824 23157 22-659 24180 27193 27194 25790 25825 23462 27193 27193 25825 23462 27193 27193 25825 23462 27193 27193 25825 23462 23483 23793 23484 23483 23793 23484 23483 23494 24484 25790 25825 24185 24461 25446 25793 25825 23483 24797 24813 23157 232-659 24184 24793 24793 24793 24793 24793 24793 24793 24794 24793 24794 24793 24794 | | Sid.Tir MC: | | 36m A 313'10 | RMC: 2 | 94°00' | Sid.Tir MC: | | 40m A 309'46 | RMC: 2 | 295°00' | Sid.Tir MC: | ne: 19h | 44m A 306'28 | RMC: 2 | 96°00' |
|---|-----|----------------|--------------------|-----------------|--------|-----------------|----------------|--------------------|-----------------|--------|-----------------|-------------------|--------------------|----------------------------------|----------------------------------|----------------------|
| SE 21-447 23M-19 259M-19 259M-19 24M-19 24M | Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| SS 21-647 23 23 23 25 25 24 24 24 25 24 24 | | | | | | | | | | | | | | 27 Y 59 | 28814 | 26П19 |
| 1.58 2.1 | | | | | | | | | | | | | | | 28801 | 26П11 |
| 48 24-85 23-85 25-90 25-92 23-157 24-99 24-90 26-91 | | | | | _ | | | | | _ | | | | | 27 8 47 27 8 33 | 26 II 03 25 II 55 |
| Section Sect | | | | | | | | | | | | | | | 27819 | 25 II 33 |
| Fig. 1968 22-word 23-word | - 1 | 22∞03 | | | | | | | | | | | | | 27806 | 25 Д 39 |
| The Section | | | | | | | | | | | | | | 26Υ50 | 26852 | 25 II 31 |
| 98 22 m24 23 m46 24 m07 24 m04 23 m07 23 m24 24 m47 25 m17 25 m17 25 m18 24 m07 24 m04 23 m07 23 m04 23 m07 23 m04 23 m07 23 m04 23 m07 23 m0 | 7S | 22≈13 | | 24Ƴ38 | | 23 Д33 | 23≈14 | 24 X 44 | 25Ƴ38 | | 24II28 | 24≈15 | | 26Ƴ39 | 26838 | 25 Д23 |
| 108 | | | | | - | | | | | | | | | 26℃27 | 26825 | 25 II 15 |
| 118 22 23 23 34 53 25 25 25 25 25 25 25 | 9S | 22≈24 | 23 X 45 | 24 Ƴ 17 | 24818 | 23 Ⅱ 17 | 23≈24 | 24 X 47 | 25 Y 17 | | 24 II 12 | 24≈25 | 25 X 49 | 26 Ƴ 17 | 26811 | 25П07 |
| 1285 228-39 234-50 237-47 236-88 221753 238-39 244-55 247-55 244-21 23149 244-55 247-55 244-21 23139 244-55 247-55 247-51 244-50 23131 248-50 258-56 257-21 258-55 238-55 238-55 247-55 244-21 23131 248-50 258-56 257-21 258-55 238-55 238-55 247-55 248-25 23131 248-50 258-56 257-21 258-55 258-55 238-55 247-55 248-55 23131 248-50 258-55 | | | | | _ | | | | | | | | | 26Υ06 | 25858 | 24П59 |
| 138 22 mot 23 mot 23 mot 23 mot 24 mot 23 mot 24 mot 24 mot 25 m | | | | | | | | | | | | | | | 25 8 44 25 8 30 | 24 II 51 24 II 43 |
| 148 22 ms 23 ms 43 ms 37 ms 22 ms 5 ms 23 ms 5 ms 24 ms 5 ms 24 ms 5 ms 25 | | | | | | | | | | | | | | 1 | 25817 | 24 II 43 24 II 34 |
| 168 23 | | | | | | | | | | | | | | 25Υ23 | 25803 | 24П26 |
| 168 23 | 15S | 22≈55 | 23 ¥ 56 | 23 ℃ 17 | 22857 | 22 π 28 | 23≈55 | 24 ¥ 56 | 24 ℃ 15 | 23853 | 23 Π 22 | 24≈55 | 25 ¥ 57 | 25℃12 | 24849 | 24П17 |
| 188 23 mail 24 moil 22 moil 22 moil 22 moil 23 moil 23 moil 24 moil 22 moil 24 moil 24 moil 24 moil 22 moil 24 moil 24 moil 23 moil 24 moil 25 moil 23 moil 22 moil 24 moil 23 moil 22 moil 23 moil 24 moil 23 moil 22 moil 23 moil 24 moil | | | | | _ | | | | | | | | | 25Υ01 | 24836 | 24II 09 |
| 1985 23-ac1 24.03 22.738 22.803 21.853 24.ac1 25.802 23.734 22.858 22.848 25.ac1 56.002 24736 20.852 23.ac2 24.806 22.779 21.852 21.835 24.862 25.805 23.7714 22.845 22.839 22.832 25.ac2 26.004 24.705 22.832 23.ac3 24.800 22.779 21.832 24.837 23.833 24.800 22.779 21.832 23.ac33 24.800 21.779 21.805 21.801 23.ac37 23.853 24.801 21.795 21.807 21.817 24.ac37 25.801 22.744 21.848 22.802 22.811 25.ac31 26.605 23.738 24.825 24.812 21.749 20.853 21.802 23.837 24.825 23.ac38 24.810 21.749 20.853 21.802 23.837 24.825 23.ac38 24.801 21.749 20.853 20.818 24.848 25.811 22.773 21.818 21.822 25.ac33 26.100 23.718 27.825 24.801 24.818 21.720 20.810 20.818 23.ac48 25.811 22.773 21.818 21.822 25.ac33 26.110 23.718 27.825 24.801 24.812 21.701 19.855 20.828 24.807 24.820 24.812 21.701 19.855 20.828 25.801 25.811 25.811 25.811 25.813 24.820 24.823 24.821 24.811 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.812 24.813 24.813 24.812 24.813 24.813 24.812 24.813 24.813 24.812 24.813 24.8 | 17S | 23≈05 | 23 X 59 | 22 Ƴ 57 | 22830 | 22 Д 10 | | 24 X 59 | 23 Y 54 | 1 | l | 25≈05 | 25 ¥ 59 | 24Y51 | 24822 | 24 II 00 |
| 208 | | | | | | | | | | _ | | | | 24Υ40 24Ω20 | 24808 | 23 Д 51 |
| 2182 23-8-27 244.06 22**19 21835 21.35 24-8-26 23**05 23**14 22**03 23**03 23**03 22**05 22**09 22**07 21827 23**04 23**04 23**04 23**04 23**04 23**04 23**04 23**04 23**04 23**04 23**04 23**04 23**05 23** | | | | | | | | | | | | | | | 23854 | 23 11 43 |
| 228 23-833 24408 22709 21822 21126 24-832 25407 23704 22816 22121 25-831 26405 23705 238 23-838 24810 217749 20853 21107 24-843 25410 22744 21848 22102 25-842 26408 23703 258 23-850 24816 21740 20839 20158 24-848 25811 22733 21833 21852 25-853 26410 237017 278 24-801 24818 21720 20810 20138 25-800 25815 22713 21804 21132 25-853 26410 237017 278 24-807 24420 21710 19855 201028 25-800 25815 22703 20849 211122 25-853 26410 23706 288 24-807 24420 21710 19855 201028 25-806 25816 22703 20849 211122 25-806 26813 22705 292 24-813 24221 21701 19840 20117 25-811 25818 21753 20833 21112 26-810 26813 22703 232 24-827 24825 20741 19809 19156 25-824 25812 21742 20818 21101 26-815 26415 22703 232 24-823 24427 20701 18858 19156 25-824 25812 21723 20802 20151 26-812 26417 227043 232 24-823 24427 20701 18858 19156 25-824 25812 21723 20802 20151 26-821 26417 227043 233 24-832 24427 20701 18858 19156 25-824 25812 21702 20802 20151 26-821 26417 227043 235 24-835 24421 20701 18804 19145 25-836 25424 21701 19847 20140 26-827 26418 22713 235 24-835 24431 20701 18806 19111 25-849 25428 20750 18858 20105 26-846 26421 21751 365 24-859 24435 19750 17649 17632 18168 25-856 25429 20703 18854 19153 26-823 20750 26-846 26422 21744 365 24-859 24435 19740 17632 18168 26-823 25426 21701 20414 20117 26-800 26-846 26421 21751 385 25-850 24436 24458 2445 | | - | | | _ | | | | | | | | | 24Y19 | 23 8 40 23 8 25 | 23 II 34 23 II 25 |
| 238 238-8 24 10 21\tag{9} 21\tag{9} 20\tag{9} 21\tag{1} 24\tag{3} 25\tag{9} 22\tag{4} 21\tag{4} 21\tag{2} 25\tag{4} 21\tag{4} 21\tag | | | | | | | | | | | | | | | 23823 | 23 II 25 23 II 15 |
| 248 23 | | | | | _ | | _ | | | | | - | | 23 Y 48 | 22857 | 23 II 06 |
| 268 23 | 24S | 23≈44 | 24 ¥ 12 | 21Ƴ49 | 20853 | 21II07 | 24≈43 | 25 ¥ 10 | | 21848 | 22 П 02 | 25≈42 | 26 ₩ 08 | 23 Y 38 | 22842 | 22П57 |
| 278 | 25S | 23≈50 | 24 X 14 | 21 ℃ 40 | 20839 | 20П58 | 24≈48 | 25 X 11 | 22 Y 33 | 21833 | 21 Д 52 | 25≈47 | 26 X 09 | 23℃27 | 22827 | 22П47 |
| 288 24*07 24*20 21*70 19845 201128 25*06 25*11 5*18 21*753 20*83 21*112 26*04 26*13 22*745 28*20 24*21 21*701 19840 20117 25*11 25*18 21*753 20*83 21*112 26*01 26*14 22*745 318 24*20 24*25 20*41 19809 19156 25*24 25*11 21*32 20*02 20151 26*21 26*17 22*723 328 24*32 24*27 20*31 18854 19145 25*30 25*24 25*21 21*32 20*02 20151 26*21 26*17 22*723 338 24*32 24*27 20*31 18854 19145 25*30 25*23 21*22 19847 20*18 20*15 26*27 26*18 22*723 348 24*32 24*31 20*11 18822 19122 25*42 25*26 21*01 19814 20117 26*40 26*27 26*18 22*73 358 24*35 24*33 20*701 18806 19111 25*49 25*26 21*01 19814 20117 26*40 26*21 21*51 358 24*35 24*35 19*50 17*49 18158 25*36 25*29 20*39 18841 1913 26*35 26*32 21*29 378 25*30 24*37 19*40 17*32 18146 26*30 25*33 20*29 18841 1913 26*35 26*25 21*01 398 25*20 24*42 19*19 16*58 18130 26*09 25*33 20*18 18*06 1917 27*06 26*26 21*701 398 25*22 24*44 19*709 16*58 1810 26*24 25*35 20*75 17*31 19*10 27*20 26*26 20*75 408 25*27 24*44 19*709 16*58 1810 26*35 25*35 20*35 19*35 19*35 26*35 20*55 44\$5 24*48 18*46 16*03 17*138 26*35 25*44 19*71 16*35 18*13 16*53 18*13 17*35 26*32 20*75 44\$8 25*35 24*51 18*735 15*44 17*12 26*37 25*44 19*71 16*35 18*13 16*53 18*11 17*35 26*35 20*75 45\$ 26*36 24*58 18*71 15*24 17*10 26*55 25*44 19*71 16*36 16*36 24*58 18*71 15*25 25*36 25*35 24*51 18*35 15*24 17*10 26*55 25*50 18*34 17*12 28*07 26*35 25*43 25*35 23*45 25*35 23*45 25*35 23*45 25*35 23*45 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 23*35 | | 23≈56 | | | | | | | | | | | | 23 Ƴ 17 | 22812 | 22 Д 37 |
| 298 24%13 24%21 21\top() 19\tilde{4}\top() 20\tilde{11}\top() 25\tilde{11}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{1}\tilde{2}\tilde{1}\tilde{1}\tilde{1}\tilde{2}\tilde{1} | | | | | | | | | | | | | | 23Υ06 | 21857 | 22 П 27 |
| 308 24≈20 24×23 20Y51 19×25 20 10 725≈17 25×19 21 21 20 20 81 21 10 26≈15 26×15 22 23 318 24≈26 24×25 20Y41 19×09 19 19 25×20 25×24 25×21 21 19×31 20 20 20 20 20 20 20 2 | | | | | | | | | | | | | | | 21842 21827 | 22 II 17 22 II 07 |
| 318 24\infty 2 20\tau 1 19\tau 9 19\tau 5 25\infty 2 25\infty 2 21\tau 3 20\tau 0 20\tau 5 26\infty 2 20\tau 2 32\tau 3 24\tau 2 20\tau 1 18\tau 5 19\tau 5 25\infty 3 25\tau 3 21\tau 2 19\tau 4 20\tau 5 26\tau 2 26\tau 1 22\tau 2 33\tau 3 24\tau 2 20\tau 1 18\tau 5 19\tau 5 25\tau 3 25\tau 4 21\tau 1 19\tau 1 20\tau 4 26\tau 7 26\tau 1 22\tau 1 33\tau 2 24\tau 5 24\tau 1 20\tau 1 18\tau 2 19\tau 2 25\tau 4 25\tau 2 21\tau 1 19\tau 1 20\tau 4 26\tau 7 26\tau 4 26\tau 2 21\tau 1 33\tau 2 24\tau 5 24\tau 5 24\tau 3 20\tau 1 18\tau 2 19\tau 2 25\tau 4 25\tau 2 21\tau 1 19\tau 1 20\tau 4 26\tau 2 21\tau 1 36\tau 2 24\tau 5 24\tau 5 24\tau 5 24\tau 5 20\tau 1 18\tau 2 19\tau 2 25\tau 4 25\tau 2 20\tau 5 18\tau 5 20\tau 5 26\tau 4 26\tau 2 21\tau 1 36\tau 2 24\tau 5 24\tau 5 24\tau 5 19\tau 5 17\tau 4 18\tau 5 25\tau 6 25\tau 2 20\tau 3 18\tau 5 26\tau 5 26\tau 5 26\tau 3 26\tau 5 26\t | - 1 | | | | | | | | | | | | | | | |
| 328 24%32 24%27 20\gamma 18\beta 19\pi45 25\sigma 25\beta 21\gamma 21\gamma 20\pi24 20\pi44 20\pi44 20\pi42 20\pi42 21\gamma 25\sigma 25\sigma 21\pi22 25\beta 21\pi41 19\beta 20\pi12 26\sigma 26\beta 21\pi41 36\beta 20\pi12 26\sigma 26\beta 21\pi41 36\beta 20\pi12 26\sigma 26\beta 21\pi41 36\beta 20\pi42 25\sigma 21\pi42 25\beta 21\pi41 20\pi11 26\sigma 26\beta 21\pi41 36\beta 22\pi42 25\beta 21\pi41 36\beta 20\pi41 26\sigma 26\beta 21\pi41 36\beta 24\sigma 26\sigma 24\sigma 24\si | | | | | _ | | | | | | | | | | 21811 20855 | 21 II 56 21 II 45 |
| 348 24 \(24 \) 34 20 \(11 \) 18 \(22 \) 29 \(12 \) 25 \(24 \) 25 \(25 \) 26 \(21 \) 701 19 \(21 \) 14 \(20 \) 17 \(26 \) 26 \(40 \) 26 \(26 \) 21 \(74 \) 13 \(36 \) 24 \(48 \) 59 \(24 \) 33 \(20 \) 700 18 \(80 \) 6 \(19 \) 11 25 \(84 \) 9 \(25 \) 26 \(25 \) 20 \(20 \) 750 18 \(85 \) 8 \(20 \) 105 \(26 \) 26 \(46 \) 26 \(26 \) 21 \(74 \) 368 \(24 \) 25 \(26 \) 24 \(37 \) 19 \(74 \) 01 \(78 \) 23 \(18 \) 18 \(18 \) 32 \(25 \) 866 \(24 \) 37 \(19 \) 19 \(40 \) 17 \(83 \) 18 \(18 \) 13 \(26 \) 800 \(25 \) 31 \(25 \) 806 \(24 \) 37 \(19 \) 19 \(10 \) 17 \(81 \) 18 \(13 \) 26 \(80 \) 25 \(25 \) 31 \(20 \) 20 \(71 \) 18 \(84 \) 19 \(74 \) 18 \(84 \) 18 \(84 \) 19 \(74 \) 19 \(74 \) 16 \(85 \) 26 \(84 \) 25 \(84 \) 19 \(74 \) 19 \(74 \) 16 \(85 \) 26 \(84 \) 26 \(84 \) 26 \(84 \) 25 \(84 \) 30 \(84 \) 19 \(74 \) 19 \(74 \) 16 \(84 \) 18 \(84 \) 18 \(84 \) 19 \(74 \) 18 \(84 \) 18 \(84 \) 19 \(74 \) 18 \(84 \) 18 \(84 \) 19 \(84 \) 18 \(84 \) 19 \(84 \) 18 \(84 \) 18 \(84 \) 19 \(84 \) 18 \(84 \) 19 \(84 \) 18 \(84 \) 18 \(84 \) 19 \(84 \) 18 \ | | | | | _ | | | | | | | | | 22 Y 13 | 20839 | 21 II 34 |
| 358 24 \(2 \) 2 24 \(3 \) 3 20 \(7 \) 0 18 \(8 \) 0 19 \(1 \) 1 25 \(8 \) 49 25 \(8 \) 28 20 \(7 \) 0 18 \(8 \) 5 26 \(6 \) 2 20 \(7 \) 3 18 \(8 \) 4 25 \(8 \) 2 20 \(7 \) 3 18 \(8 \) 4 19 \(1 \) 5 26 \(8 \) 3 26 \(8 \) 2 21 \(7 \) 4 3 \(1 \) 5 3 \(2 \) 5 25 \(8 \) 5 24 \(8 \) 5 24 \(8 \) 5 24 \(8 \) 3 19 \(7 \) 5 17 \(8 \) 49 17 \(8 \) 3 18 \(1 \) 4 26 \(8 \) 6 25 \(8 \) 20 29 \(2 \) 3 18 \(2 \) 4 19 \(1 \) 4 26 \(8 \) 5 26 \(8 \) 5 21 \(7 \) 1 3 \(8 \) 25 \(8 \) 3 25 \(8 \) 3 24 \(8 \) 3 19 \(7 \) 9 16 \(1 \) 5 18 \(1 \) 3 26 \(8 \) 6 25 \(8 \) 3 20 \(7 \) 18 18 \(8 \) 6 19 \(1 \) 17 \(7 \) 3 26 \(8 \) 6 25 \(8 \) 3 25 \(8 \) 13 20 \(7 \) 18 18 \(1 \) 18 18 \(1 \) 3 26 \(8 \) 18 26 \(8 \) 10 25 \(8 \) 3 20 \(7 \) 18 18 \(8 \) 6 19 \(1 \) 17 17 \(1 \) 6 26 \(2 \) 20 \(7 \) 3 3 25 \(8 \) 3 25 \(8 \) 10 27 \(8 \) 20 26 \(2 \) 20 \(7 \) 3 26 \(8 \) 20 27 \(1 \) 18 18 \(1 \) 20 \(2 \) 20 \(2 \) 3 25 \(2 \) 3 20 \(7 \) 18 19 \(1 \) 10 27 \(2 \) 20 \(2 \) 20 \(6 \) 26 \(2 \) 20 \(7 \) 3 3 25 \(8 \) 3 20 \(7 \) 18 19 \(1 \) 10 27 \(8 \) 20 \(2 \) 20 \(7 \) 20 26 \(8 \) 20 \(7 \) 3 40 \(2 \) 25 \(8 \) 3 23 \(2 \) 3 24 \(4 \) 48 \(1 \) 18 \(7 \) 3 16 \(2 \) 3 25 \(8 \) 3 19 \(7 \) 4 18 \(1 \) 4 18 \(| 33S | 24≈39 | 24 X 29 | 20Y21 | | | | 25 ¥ 24 | 21 Y 11 | | 20П28 | 26≈34 | 26 X 19 | 22 Y 02 | 20823 | 21 11 23 |
| 368 24≈59 24×35 19°¥50 17849 18 18 18 25≈56 25×29 20°¥39 18 24 19 19 15 26≈59 26×25 21°¥75 25≈66 24×37 19°¥40 17832 18 146 26≈02 25×31 20°¥29 18 24 19 19 140 26≈59 26×25 21°¥75 25×26 24×44 19°¥19 16858 18 120 26≈66 25×35 20°¥18 18 18 18 19 19 127 27≈66 26×26 21°¥66 25×35 20°¥10 17849 19 14 27≈13 26×25 20°¥25 24°¥44 19°¥9 16858 18 120 26≈66 25×35 20°¥10 17849 19 114 27≈13 26×26 20°¥25 24°¥44 19°¥9 16858 18 120 26≈66 25×35 20°¥10 17849 19 114 27≈13 26×28 20°¥25 24°¥46 18°¥57 16822 17 152 26≈31 25×38 19°¥4 17812 18 18 16 27≈27 26×30 20°¥31 25×35 24×45 18°¥35 15×44 17 1713 26≈39 25×40 19°¥33 16853 18 13 27≈35 26×32 20°¥26 24×53 18°¥24 15×24 17 1707 26≈55 25×44 19°¥10 16814 18 10 27≈50 26×33 20°¥26 24×53 18°¥24 15×24 17 1707 26≈55 25×44 19°¥10 16814 18 10 27≈50 26×33 19°¥34 478 26≈25 25×00 17°¥3 14804 16 13 27≈20 25×50 18°¥34 17 14 27≈58 26×33 19°¥34 478 26≈25 25×00 17°¥3 14802 15°*13 27≈20 25×50 18°¥34 15×12 17 10 28≈15 26×40 19°¥18 488 26≈35 25×03 17°¥37 14802 15 15 27≈20 25×50 18°¥34 15×12 17 10 28≈15 26×44 19°¥18 488 26≈35 25×03 17°¥37 14802 15 13 27≈28 25×55 14×14 16 13 27≈20 25×50 18°¥34 15×12 17 10 28≈15 26×44 18°¥13 15×13 27≈20 25×50 18°¥34 15×12 17 110 28≈15 26×44 18°¥13 27≈20 25×50 18°¥34 15×12 17 10 28≈15 26×44 18°¥13 15×13 27≈20 25×50 18°¥34 15×12 17 110 28≈15 26×44 18°¥13 15×13 27≈20 25×50 18°¥34 15×12 17 110 28≈15 26×44 18°¥13 15×13 27≈20 25×50 18°¥34 15×13 28≈24 26×44 18°¥13 15×13 27≈20 25×50 18°¥34 15×13 28≈24 26×44 18°¥13 25×25 25×13 16°¥13 18°¥13 13×13 13×1 | 34S | 24≈45 | 24 X 31 | 20 ℃ 11 | 18822 | 19П22 | 25≈42 | 25 ¥ 26 | 21 Y 01 | 19814 | 20П17 | 26≈40 | 26 ¥ 21 | 21 Y 51 | 20807 | 21П11 |
| 378 25≈06 24×37 19°40 17832 18π46 26≈02 25×31 20°29 18824 19π40 26≈59 26×25 21°17 388 25≈13 24×39 19°29 17815 18π33 26≈09 25×33 20°18 18806 19π27 27≈06 26×26 21°06 398 25≈20 24×42 19°19 16858 18π20 26≈16 25×35 20°07 17849 19π14 27≈13 26×28 20°58 408 25≈27 24×44 19°08 16840 18π06 26≈24 25×36 19°56 17831 19π00 27°≈20 26×29 20°43 418 25≈35 24×46 18°57 16822 17π52 26≈31 25×38 19°44 17811 19π00 27°≈20 26×29 20°43 428 25≈43 24×48 18°46 16803 17π38 26≈39 25×40 19°33 16853 18π31 27°≈35 26×32 20°26 438 25≈55 24×51 18°35 15×44 17π07 26≈55 25×44 19°10 16844 18π01 27°≈42 26×33 20°08 448 25≈59 24×53 18°24 15×24 17π07 26≈55 25×44 19°10 16844 18π01 27°≈50 26×35 19°56 458 26≈08 24×55 18°11 15×05 16π51 27°≈10 25×48 15×44 17π14 27°≈58 26×37 26×38 26×35 25×00 17°49 14×23 16π16 27°≈20 25×450 18°34 15×12 17π10 28≈15 26×40 19°13 478 26°≈25 25×05 17°25 13×40 15π39 27°≈38 25×54 18°09 14×27 16π32 28°≈33 26×43 18°93 498 26°≈44 25×05 17°725 13×40 15π39 27°≈38 25×55 14×50 16π51 28°≈24 26×42 19°05 498 26°≈44 25×15 17°700 12853 14π58 27°≈58 25×59 17°743 13×17 18×39 13π48 28°≈30 26×06 17°09 13×16 15π28 29°≈12 26×50 17°75 548 27°≈37 25×19 16°47 11×39 13π48 28°≈30 26×06 17°09 13×16 15π28 29°≈12 26×50 17°75 548 27°≈37 25×19 16°47 11×39 13π48 28°≈30 26×06 17°09 13×16 13π16 29°≈59 26×59 17°73 588 28°≈28 25×35 15°73 10×17 11π20 29°≈33 26×19 15°47 9859 12π10 0×25 27×03 16°725 608 28≈57 25×38 14°54 8×45 10π44 29°≈48 26×22 15°31 0×25 0×10 0×25 27×03 16°725 608 28°≈57 25×38 14°754 8×45 10π44 29°≈48 26×22 15°731 9827 11π34 0×39 27×05 16°705 608 28° | | | | | | | | | | | | | | 21 Y 40 | 19850 | 20П59 |
| 388 25 ≈ 13 24 × 39 19 × 29 17 × 15 18 × 13 26 ≈ 09 25 × 13 20 × 18 18 × 06 19 × 12 27 ≈ 06 26 × 26 21 × 06 39 × 25 × 20 24 × 42 19 × 19 16 × 58 18 × 12 26 ≈ 16 25 × 13 20 × 07 17 × 49 19 × 14 27 ≈ 13 26 × 28 20 × 55 40 × 25 ≈ 27 24 × 44 19 × 08 16 × 40 18 × 10 6 26 ≈ 24 25 × 36 19 × 56 17 × 31 19 × 10 27 × 20 26 × 29 20 × 43 41 × 25 ≈ 35 24 × 44 18 × 75 16 × 20 17 × 13 26 × 23 25 × 38 19 × 44 17 × 12 18 × 14 27 × 27 26 × 30 20 × 73 42 × 25 × 33 24 × 48 18 × 36 16 × 30 17 × 13 26 × 23 25 × 38 19 × 44 17 × 12 18 × 14 27 × 27 26 × 30 20 × 73 42 × 25 × 55 24 × 51 18 × 35 15 × 44 17 × 17 × 20 × 25 × 25 × 44 19 × 10 16 × 34 18 × 16 27 × 24 26 × 33 20 × 10 × 24 48 × 25 ≈ 59 24 × 53 18 × 12 15 × 24 17 × 107 26 ≈ 55 25 × 44 19 × 10 16 × 14 18 × 10 27 × 50 26 × 35 19 × 56 45 × 26 × 25 × 25 × 25 × 25 × 25 × 25 × 2 | | | | | | | | | | | | | | 21Υ29 | 19833 | 20 Д 47 |
| 39S 25≈20 24×42 19Υ19 16858 18π20 26≈16 25×35 20Υ07 17849 19π14 27≈13 26×28 20Υ55 40S 25≈27 24×44 19Υ08 16840 18π06 26≈24 25×36 19Υ56 17831 19π00 27≈20 26×29 20Υ43 41S 25≈35 24×46 18Υ757 16822 17π52 26≈31 25×38 19Υ44 17812 18π46 27≈27 26×30 20Υ31 42S 25≈43 24×48 18Ψ46 16803 17π38 26≈39 25×40 19Υ33 16853 18π31 27≈35 26×33 20Υ32 43S 25≈51 24×51 18Ψ24 15W24 17π07 26≈55 25×44 19Ψ10 16814 18π10 27≈42 26×33 19Υ56 45S 26≈08 24×53 18Ψ12 15W50 16π51 27≈01 25×48 18Ψ10 16×44 27≈58 26×33 19Ψ31 47S | | | | | _ | | | | | | | | | | 19 8 15 | 20 II 34 20 II 21 |
| 40S 25≈27 24 ± 44 19 ± 08 16 ± 40 18 ± 06 26 ≈ 24 25 ± 36 19 ± 56 17 ± 31 19 ± 00 27 ≈ 20 26 ± 29 20 ± 41 | | | | | | | | | | | | | | 20Υ55 | 18840 | 20 II 08 |
| 41S 25≈35 24 44 6 18 757 16 82 2 17 11 52 26≈31 25 38 19 74 4 17 8 12 18 14 6 27≈27 26 30 20 73 1 42 8 25≈35 24 44 8 18 74 6 16 80 3 17 11 38 26≈39 25 34 0 19 73 3 16 85 3 18 11 3 27≈35 26 32 20 72 6 43 8 25≈51 24 35 18 74 18 74 17 18 22 26≈47 25 34 2 19 72 1 16 83 4 18 11 6 27≈42 26 3 3 20 70 8 48 25≈59 24 3 18 72 4 15 82 4 17 10 7 26≈55 25 34 4 19 71 0 16 81 4 18 10 1 27≈50 26 35 19 75 6 46 8 24 35 18 71 1 15 80 5 16 16 15 1 27≈0 3 25 34 6 18 73 17 17 14 4 27≈5 8 26 35 19 75 6 46 8 26≈16 24 38 18 70 1 14 84 4 16 13 4 27≈11 25 34 8 18 74 6 15 83 17 11 2 28≈15 26 34 0 19 71 18 12 27≈20 25 3 18 72 1 18 72 1 18 72 28≈0 7 26 38 19 73 1 48 28 26≈35 25 3 17 77 3 14 80 2 15 15 8 27≈29 25 3 18 72 1 14 85 0 16 15 1 28≈24 26 3 18 75 2 18 75 2 18 75 1 18 75 2 18 75 1 18 75 2 18 75 | | | | | | | | | 19°256 | | | | | | 18821 | 19П54 |
| 42S 25≈43 24 ± 48 18 **46 16 ⊗ 03 17 π 38 26≈39 25 ± 40 19 **733 16 ⊗ 53 18 π 31 27≈35 26 ± 32 20 **20 43S 25≈51 24 ± 51 18 **735 15 ₺ 44 17 π 07 26≈55 25 ± 42 19 **21 16 ₺ 34 18 π 16 27≈42 26 ± 33 20 **08 44S 25≈59 24 ± 53 18 **724 15 ₺ 24 17 π 07 26≈55 25 ± 44 19 **10 16 ₺ 14 18 π 10 27≈50 26 ± 35 19 **56 45S 26≈08 24 ± 53 18 **12 15 ₺ 50 16 π 51 27≈03 25 ± 46 18 **758 15 ₺ 54 17 π 14 27≈58 26 ± 33 19 **743 46S 26≈16 24 ± 58 18 **701 14 ₺ 84 16 π 34 27≈11 25 ± 48 18 **746 15 ₺ 33 17 π 14 27≈26 25 ± 48 18 **741 17 π 10 28 ≈ 15 26 ± 33 26 ± 43 25 ± 60 17 π 14 27≈20 25 ± 55 18 **741 15 ± 12 | | | | | | | | | | | | | | 20Υ31 | 18802 | 19П40 |
| 44S 25≈59 24¥53 18°24 15°824 17°107 26≈55 25°44 19°10 16°814 18°10 27≈50 26×35 19°56 45S 26≈08 24¥55 18°12 15°805 16°15 27≈03 25×46 18°758 15°854 17°144 27≈58 26×37 19°43 46S 26≈16 24×58 18°01 14°844 16°134 27≈11 25×48 18°46 15°83 17°127 28≈07 26×38 19°31 47S 26≈25 25×00 17°49 14°823 16°16 27≈20 25×50 18°34 15°812 17°10 28≈15 26×40 19°18 48S 26≈35 25×03 17°737 14°802 15°158 27≈29 25×52 18°21 14°80 16°151 28≈24 26×42 19°05 49S 26≈44 25×05 17°25 13°840 15°139 27≈48 25×56 17°56 14°804 16°12 28≈42 26×45 18°39 | | | | 18 Ƴ 46 | | | 26≈39 | 25 ¥ 40 | | 1 | 18 I I31 | | l | 20Y20 | 17843 | 19П25 |
| 45S 26≈08 24±55 18¥12 15₺05 16П51 27≈03 25±46 18¥58 15₺54 17П44 27≈58 26±37 19¥43 46S 26≈16 24±58 18¥01 14₺44 16П34 27≈11 25±48 18¥46 15₺33 17П27 28≈07 26±38 19¥31 47S 26≈25 25±00 17¥49 14₺23 16П6 27≈20 25±50 18¥34 15₺12 17П0 28≈15 26±40 19¥18 48S 26≈35 25±03 17¥37 14₺02 15Б8 27≈29 25±52 18¥21 14₺50 16П51 28≈24 26±42 19¥05 49S 26≈44 25±05 17¥25 13₺40 15П39 27≈48 25±54 18¥09 14₺27 16П32 28≈33 26±43 18¥35 50S 26≈54 25±08 17¥13 13₺17 15П19 27≈48 25±56 17¥56 14₺04 16П12 28≈42 26±45 18¥35 | | | | | | | | | | | | | | 20Υ08 | 17824 | 19П10 |
| 46S 26≈16 24±58 18Ψ01 14₩44 16Π34 27≈11 25±48 18Ψ46 15₩33 17Π27 28≈07 26±38 19Ψ31 47S 26≈25 25±00 17Ψ49 14₩23 16Π6 27≈20 25±50 18Ψ34 15₩12 17Π10 28≈15 26±40 19Ψ18 48S 26≈35 25±03 17Ψ37 14₩02 15Π58 27≈29 25±52 18Ψ21 14₩50 16Π51 28≈24 26±42 19Ψ05 49S 26≈44 25±05 17Ψ25 13₩40 15Π39 27≈38 25±54 18Ψ09 14₩27 16Π32 28≈33 26₩43 18Ψ52 50S 26≈54 25±08 17Ψ13 13₩17 15П19 27≈48 25±56 17Ψ56 14₩04 16П12 28≈42 26±45 18Ψ39 51S 27≈04 25±10 17Ψ00 12₩53 14П58 27≈58 25±59 17Ψ43 13₩40 15π25 28≈52 26±47 18Ψ25 | | | | | | | | | | | | | | | 17804 | 18П54 |
| 47S 26≈25 25 ± 00 17 ± 49 14 ± 23 16 ± 16 27 ≈ 20 25 ± 50 18 ± 34 15 ± 12 17 ± 10 28 ≈ 15 26 ± 40 19 ± 18 48S 26 ≈ 35 25 ± 03 17 ± 37 14 ± 02 15 ± 15 27 ≈ 29 25 ± 52 18 ± 21 14 ± 50 16 ± 51 28 ≈ 24 26 ± 42 19 ± 05 49S 26 ≈ 44 25 ± 05 17 ± 25 13 ± 40 15 ± 139 27 ≈ 48 25 ± 54 18 ± 09 14 ± 27 16 ± 32 28 ≈ 33 26 ± 43 18 ± 52 50S 26 ≈ 54 25 ± 08 17 ± 13 13 ± 17 15 ± 19 27 ≈ 48 25 ± 56 17 ± 56 14 ± 04 16 ± 12 28 ≈ 42 26 ± 45 18 ± 39 51S 27 ≈ 04 25 ± 10 17 ± 00 12 ± 53 14 ± 158 27 ≈ 58 25 ± 59 17 ± 43 13 ± 40 15 ± 15 28 ≈ 52 26 ± 47 18 ± 25 25 ± 55 27 ≈ 15 25 ± 13 16 ± 47 12 ± 29 14 ± 13 28 ≈ 19 26 ± 03 17 ± 16 12 ± 51 15 ± 15 28 ≈ 52 | | | | | | | | | | | | | | | 16843 | 18耳38 |
| 48S 26≈35 25 ± 03 17 ↑ 37 14 ₺ 02 15 ± 158 27≈29 25 ± 52 18 ↑ 21 14 ₺ 50 16 ± 51 28≈24 26 ± 42 19 ↑ 05 49S 26≈44 25 ± 05 17 ↑ 25 13 ₺ 40 15 ± 139 27≈48 25 ± 54 18 ↑ 09 14 ₺ 27 16 ± 32 28≈33 26 ± 43 18 ↑ 52 50S 26≈54 25 ± 08 17 ↑ 13 13 ₺ 17 15 ± 19 27≈48 25 ± 56 17 ↑ 56 14 ₺ 04 16 ± 12 28≈42 26 ± 45 18 ↑ 39 51S 27≈04 25 ± 10 17 ↑ 00 12 ₺ 53 14 ± 158 27≈58 25 ± 55 17 ↑ 43 13 ₺ 40 15 ± 51 28≈52 26 ± 47 18 ↑ 25 52S 27≈15 25 ± 13 16 ↑ 47 12 ₺ 29 14 ± 13 28≈08 26 ± 01 17 ↑ 29 13 ₺ 16 15 ± 28 29≈02 26 ± 49 18 ↑ 11 53S 27≈26 25 ± 16 16 ↑ 34 12 ₺ 05 14 ± 13 28≈19 26 ± 03 17 ↑ 16 12 ₺ 51 | | | | | | | | | | | | | | | 16 8 22 | 18耳21 18耳03 |
| 49S 26≈44 25 ± 05 17 ± 25 13 ± 40 15 ± 139 27 ≈ 38 25 ± 54 18 ± 09 14 ± 27 16 ± 32 28 ≈ 33 26 ± 43 18 ± 52 50S 26 ≈ 54 25 ± 08 17 ± 13 13 ± 17 15 ± 19 27 ≈ 48 25 ± 56 17 ± 56 14 ± 04 16 ± 12 28 ≈ 42 26 ± 45 18 ± 35 51S 27 ≈ 04 25 ± 10 17 ± 00 12 ± 53 14 ± 18 27 ≈ 58 25 ± 59 17 ± 43 13 ± 40 15 ± 51 28 ≈ 52 26 ± 47 18 ± 25 52S 27 ≈ 15 25 ± 13 16 ± 47 12 ± 29 14 ± 13 28 ≈ 19 26 ± 03 17 ± 16 12 ± 51 15 ± 28 29 ≈ 02 26 ± 49 18 ± 11 53S 27 ≈ 26 25 ± 16 16 ± 34 12 ± 05 14 ± 13 28 ≈ 19 26 ± 03 17 ± 16 12 ± 51 15 ± 05 29 ≈ 12 26 ± 50 17 ± 57 54S 27 ≈ 49 25 ± 22 16 ± 701 11 ± 12 13 ± 22 28 ≈ 42 26 ± 08 16 ± 48 | | | | | | | | | | 1 | l | | l | 19 Y 05 | 15838 | 17 II 45 |
| 51S 27≈04 25 ± 10 17 ± 00 12 ± 53 14 ± 158 27≈58 25 ± 59 17 ± 43 13 ± 40 15 ± 51 28≈52 26 ± 47 18 ± 25 52S 27≈15 25 ± 13 16 ± 47 12 ± 29 14 ± 13 28≈08 26 ± 01 17 ± 29 13 ± 16 15 ± 12 29≈02 26 ± 49 18 ± 11 53S 27≈26 25 ± 16 16 ± 34 12 ± 05 14 ± 13 28≈19 26 ± 03 17 ± 16 12 ± 51 15 ± 05 29≈12 26 ± 50 17 ± 57 54S 27≈37 25 ± 19 16 ± 21 11 ± 39 13 ± 48 28≈30 26 ± 06 17 ± 02 12 ± 25 14 ± 40 29≈23 26 ± 52 17 ± 35 55S 27≈49 25 ± 22 16 ± 07 11 ± 12 13 ± 22 28≈42 26 ± 08 16 ± 48 11 ± 58 14 ± 14 29≈35 26 ± 54 17 ± 28 56S 28≈02 25 ± 28 15 ± 733 10 ± 45 12 ± 55 28≈54 26 ± 11 16 ± 33 11 ± 30< | | | | | | | | | | | | | | 18 Y 52 | 15815 | 17П25 |
| 51S 27≈04 25 ± 10 17 ± 00 12 ± 53 14 ± 158 27≈58 25 ± 59 17 ± 43 13 ± 40 15 ± 51 28≈52 26 ± 47 18 ± 25 52S 27≈15 25 ± 13 16 ± 47 12 ± 29 14 ± 13 28≈08 26 ± 01 17 ± 29 13 ± 16 15 ± 12 29≈02 26 ± 49 18 ± 11 53S 27≈26 25 ± 16 16 ± 34 12 ± 05 14 ± 13 28≈19 26 ± 03 17 ± 16 12 ± 51 15 ± 05 29≈12 26 ± 50 17 ± 57 54S 27≈37 25 ± 19 16 ± 21 11 ± 39 13 ± 48 28≈30 26 ± 06 17 ± 02 12 ± 25 14 ± 40 29≈23 26 ± 52 17 ± 35 55S 27≈49 25 ± 22 16 ± 07 11 ± 12 13 ± 22 28≈42 26 ± 08 16 ± 48 11 ± 58 14 ± 14 29≈35 26 ± 54 17 ± 28 56S 28≈02 25 ± 28 15 ± 733 10 ± 45 12 ± 55 28≈54 26 ± 11 16 ± 33 11 ± 30< | 50S | 26≈54 | 25 ¥ 08 | 17 Ƴ 13 | 13817 | 15П19 | 27≈48 | 25 ¥ 56 | 17 Y 56 | 14804 | 16П12 | 28≈42 | 26 ¥ 45 | 18 Ƴ 39 | 14852 | 17П05 |
| 538 27≈26 25 ± 16 16 ± 34 12 ± 05 14 ± 13 28 ≈ 19 26 ± 03 17 ± 16 12 ± 51 15 ± 05 29 ≈ 12 26 ± 50 17 ± 57 548 27≈37 25 ± 19 16 ± 21 11 ± 39 13 ± 48 28 ≈ 30 26 ± 06 17 ± 02 12 ± 25 14 ± 14 29 ≈ 23 26 ± 52 17 ± 35 55S 27 ≈ 49 25 ± 22 16 ± 07 11 ± 12 13 ± 22 28 ≈ 42 26 ± 08 16 ± 48 11 ± 58 14 ± 14 29 ≈ 35 26 ± 54 17 ± 28 56S 28 ≈ 02 25 ± 25 15 ± 53 10 ± 45 12 ± 15 28 ≈ 54 26 ± 11 16 ± 33 11 ± 30 13 ± 46 29 ≈ 46 26 ± 56 17 ± 13 57S 28 ≈ 15 25 ± 28 15 ± 73 10 ± 17 12 ± 25 29 ≈ 07 26 ± 13 16 ± 18 11 ± 01 13 ± 16 29 ≈ 59 26 ± 59 16 ± 57 58S 28 ≈ 28 25 ± 31 15 ± 25 9 ± 47 11 ± 12 29 ≈ 20 26 ± 16 16 ± 0 | 51S | | | 17Ƴ00 | 12853 | 14耳58 | 27≈58 | 25 X 59 | 17Ƴ43 | 13840 | 15II51 | 28≈52 | 26 X 47 | 18Ƴ25 | 14827 | 16 I I44 |
| 54S 27≈37 25 ± 19 16 ± 21 11 ± 39 13 ± 48 28≈30 26±06 17 ± 02 12 ± 25 14 ± 40 29≈23 26±52 17 ± 43 55S 27≈49 25±22 16 ± 07 11 ± 12 13 ± 22 28≈42 26±08 16 ± 48 11 ± 58 14 ± 14 29≈35 26±54 17 ± 28 56S 28≈02 25±25 15 ± 53 10 ± 45 12 ± 55 28≈54 26±11 16 ± 33 11 ± 30 13 ± 46 29≈46 26±56 17 ± 13 57S 28≈15 25±28 15 ± 39 10 ± 17 12 ± 25 29≈07 26±13 16 ± 18 11 ± 01 13 ± 16 29≈59 26±59 16 ± 57 58S 28≈28 25±31 15 ± 25 9±47 11 ± 54 29≈20 26±16 16 ± 03 10 ± 31 12 ± 45 0± 11 27±01 16 ± 41 59S 28≈42 25±35 15 ± 10 9±17 11 ± 20 29≈33 26±19 15 ± 47 9±59 12 ± 10 0 | | | | | | | | | | | | | l | | 14802 | 16II21 |
| 55S 27≈49 25 ± 22 16 ± 07 11 ± 12 13 ± 22 28≈42 26 ± 08 16 ± 48 11 ± 58 14 ± 14 29≈35 26 ± 56 17 ± 28 56S 28≈02 25 ± 25 15 ± 53 10 ± 45 12 ± 55 28≈54 26 ± 11 16 ± 33 11 ± 30 13 ± 46 29≈46 26 ± 56 17 ± 13 57S 28≈15 25 ± 28 15 ± 39 10 ± 17 12 ± 25 29≈07 26 ± 13 16 ± 18 11 ± 01 13 ± 16 29≈59 26 ± 59 16 ± 57 58S 28≈28 25 ± 31 15 ± 25 9 ± 47 11 ± 54 29≈20 26 ± 16 16 ± 03 10 ± 31 12 ± 45 0 ± 11 27 ± 01 16 ± 41 59S 28≈42 25 ± 35 15 ± 10 9 ± 17 11 ± 20 29≈33 26 ± 19 15 ± 47 9 ± 59 12 ± 10 0 ± 25 27 ± 03 16 ± 25 60S 28≈57 25 ± 38 14 ± 54 8 ± 45 10 ± 44 29≈48 26 ± 22 15 ± 31 9 ± 27 | | | | | | | | | | | | | | | 13837 13810 | 15 Д 57 15 Д 32 |
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| 58S 28 ≈ 28 25 ж 31 15 γ 25 9 ⊗ 47 11 π 54 29 ≈ 20 26 ж 16 16 γ 03 10 ⊗ 31 12 π 45 0 ж 11 27 ж 01 16 γ 41 59S 28 ≈ 42 25 ж 35 15 γ 10 9 ⊗ 17 11 π 20 29 ≈ 33 26 ж 19 15 γ 47 9 ⊗ 59 12 π 10 0 ж 25 27 ж 03 16 γ 25 60S 28 ≈ 57 25 ж 38 14 γ 54 8 ⊗ 45 10 π 44 29 ≈ 48 26 ж 22 15 γ 31 9 ⊗ 27 11 π 34 0 ж 39 27 ж 05 16 γ 09 | | | | | | | | | | | | | | 16°757 | 11845 | 14II 08 |
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| 40S 28≈16 27 ± 22 21 ± 31 19 ± 12 20 ± 48 29 ≈ 13 28 ± 14 22 ± 18 20 ± 03 21 ± 42 0 ± 10 29 ± 07 23 ± 06 20 ± 41S 28 ≈ 24 27 ± 23 21 ± 19 18 ± 53 20 ± 13 29 ≈ 27 28 ± 15 22 ± 06 19 ± 43 21 ± 13 0 ± 23 ± 04 16 29 ± 07 22 ± 53 20 ± 42S 28 ≈ 31 27 ± 24 21 ± 06 18 ± 33 20 ± 19 29 ≈ 27 28 ± 16 21 ± 05 3 19 ± 24 21 ± 13 0 ± 23 29 ± 08 22 ± 04 20 ± 43S 28 ≈ 38 27 ± 25 20 ± 54 18 ± 14 20 ± 04 29 ≈ 34 28 ± 16 21 ± 05 3 19 ± 24 21 ± 13 0 ± 23 29 ± 08 22 ± 04 20 ± 48 28 ≈ 46 27 ± 26 20 ± 1 17 ± 53 19 ± 48 29 ≈ 42 28 ± 17 21 ± 27 18 ± 43 20 ± 40 ± 37 29 ± 08 22 ± 26 19 ± 48 29 ≈ 40 27 ± 38 ± 40 21 ± 13 0 ± 23 29 ± 08 22 ± 09 ± 08 22 ± 09 ± 08 48 29 ≈ 40 27 ± 28 ± 17 21 ± 18 ± 12 | 1813 | 22 II 5 |
| 41S 28 ≈ 24 27 ± 23 21 ↑ 19 18 ± 53 20 π 34 29 ≈ 20 28 ± 15 22 ↑ 06 19 ± 43 21 π 28 0 ± 16 29 ± 07 22 ↑ 53 20 ± 42 5 28 ≈ 31 27 ± 24 21 ↑ 06 18 ± 33 20 π 19 29 ≈ 27 28 ± 16 21 ↑ 53 19 ± 24 21 π 13 0 ± 23 29 ± 08 22 ↑ 40 20 ± 43 5 28 ≈ 38 27 ± 25 20 ↑ 54 18 ± 14 20 π 04 29 ≈ 34 28 ± 16 21 ↑ 40 19 ± 04 20 π 18 ± 03 20 π 58 0 ± 03 29 ± 08 22 ↑ 18 ± 04 20 π | 20853 | 22 Д 3 |
| 42S 28\isigma 27\in 24 21\infty 06 18\in 33 20\in 19 29\isigma 27 28\in 16 21\in 53 19\in 24 21\in 13 0\in 23 29\in 08 22\in 40 20\in 48\in 28\in 38 27\in 25 20\in 54 18\in 14 20\in 04 29\in 34 28\in 16 21\in 140 19\in 03 20\in 58 0\in 30 29\in 08 22\in 26 19\in 44\in 28\in 46 27\in 26 20\in 41 17\in 53 19\in 48 29\in 42 28\in 17 21\in 77 18\in 43 20\in 42 0\in 37 29\in 08 22\in 26 19\in 44\in 58 28\in 54 27\in 27 20\in 29 17\in 32 19\in 32 29\in 49 28\in 18 21\in 14 18\in 48 20\in 24 20\in 25 0\in 45 29\in 90 21\in 59 19\in 46\in 29\in 10 27\in 30 20\in 16 17\in 11 19\in 14 29\in 57 28\in 19 21\in 10 18\in 00 20\in 08 0\in 52 29\in 90 21\in 59 19\in 46\in 29\in 10 27\in 30 20\in 16 17\in 11 19\in 14 29\in 57 28\in 19 21\in 10 18\in 00 20\in 08 0\in 52 29\in 90 21\in 59 19\in 47 29\in 10 27\in 30 16\in 49 18\in 57 0\in 50 28\in 20 20\in 47 17\in 37 19\in 50 1\in 00 29\in 10 21\in 31 18\in 48 29\in 17 27\in 31 18\in 49\in 29\in 27 27\in 32 19\in 35 16\in 03 18\in 18 0\in 22 28\in 21 20\in 19 16\in 51 19\in 12 1\in 17 29\in 10 21\in 17 18\in 49\in 29\in 27 27\in 32 19\in 35 16\in 03 18\in 18 0\in 40 28\in 23 19\in 50 16\in 18\in 19\in 12 18\in 17 29\in 10 21\in 17 16\in 53\in 39 16\in 36 18\in 38 18\in 38 16\in 50 0\in 59 28\in 25 19\in 50 16\in 18\in 19\in 17 16\in 53\in 39 18\in 38 18\in 38 18\in 38 18\in 20 28\in 27 18\in 48 18\in 39 18\in 38 18\in 38 18\in 38 18\in 39 18\in 38 18\in 39 18\in 38 18\in 39 18 | 20834 | 22 П 2 |
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| 46S 29≈02 27±29 20 16 17811 19π14 29≈57 28±19 21 10 18800 20π08 0±52 29±09 21±45 188 47S 29≈10 27±30 20 00 16±49 18π57 0±05 28±20 20 00 17±37 19π50 1±00 29±10 21±31 188 48S 29≈19 27±31 19 49 16±26 18π38 0±13 28±21 20 00 15 1±00 29±10 21±71 188 49S 29≈27 27±32 19 735 16±03 18π18 0±22 28±21 20 00 16±51 19π12 1±17 29±10 21±02 17±38 50S 29≈36 27±34 19 722 15±39 17π58 0±31 28±22 20 00 16±61 18π29 1±34 29±11 20 0±47 17±8 51S 29≈36 27±35 19 70 15±14 17π36 0±40 28±23 19 750 16±01 18π29 <t< th=""><th></th><th>21 Д3</th></t<> | | 21 Д3 |
| 47S 29≈10 27 ± 30 20 ± 02 16 ± 49 18 ± 57 0 ± 05 28 ± 20 20 ± 47 17 ± 37 19 ± 50 1 ± 00 29 ± 10 21 ± 31 18 ± 48 48S 29≈19 27 ± 31 19 ± 49 16 ± 62 18 ± 38 0 ± 13 28 ± 21 20 ± 33 17 ± 14 19 ± 31 1 ± 00 29 ± 10 21 ± 17 18 ± 48 49S 29≈27 27 ± 32 19 ± 35 16 ± 03 18 ± 18 0 ± 2 28 ± 21 20 ± 19 16 ± 51 19 ± 12 1 ± 17 29 ± 10 21 ± 17 18 ± 6 50S 29≈36 27 ± 34 19 ± 22 15 ± 39 17 ± 58 0 ± 31 28 ± 22 20 ± 04 16 ± 65 18 ± 51 1 ± 25 29 ± 11 20 ± 47 17 ± 55 51S 29≈36 27 ± 35 19 ± 07 15 ± 14 17 ± 13 0 ± 40 28 ± 23 19 ± 50 16 ± 01 18 ± 29 1 ± 34 29 ± 11 20 ± 47 17 ± 53 51S 0 ± 60 2 ± 38 18 ± 33 <td< th=""><th>9811</th><th>21 II 1</th></td<> | 9811 | 21 II 1 |
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| 49S 29≈27 27 x 32 19 x 35 16 x 3 18 x 18 0 x 22 28 x 21 20 x 19 16 x 1 19 x 12 1 x 17 29 x 10 21 x 02 17 x 17 x 18 x 19 | 8802 | 20П2 |
| 51S 29≈46 27 ± 35 19 ↑ 07 15 ₺ 14 17 ± 36 0 ± 40 28 ± 23 19 ↑ 50 16 ₺ 01 18 ± 29 1 ± 34 29 ± 11 20 ↑ 32 16 ₺ 52S 29≈56 27 ± 36 18 ↑ 53 14 ₺ 49 17 ± 14 0 ± 49 28 ± 24 19 ↑ 35 15 ₺ 36 18 ± 107 1 ± 43 29 ± 12 20 ↑ 17 16 ₺ 53S 0 ± 06 27 ± 38 18 ↑ 38 14 ₺ 23 16 ± 50 0 ± 59 28 ± 25 19 ↑ 20 15 ₺ 09 17 ± 43 1 ± 43 29 ± 12 20 ↑ 01 15 ₺ 54S 0 ± 16 27 ± 39 18 ↑ 23 13 ₺ 56 16 ± 10 0 ± 59 28 ± 25 19 ↑ 20 15 ₺ 09 17 ± 43 1 ± 53 29 ± 12 20 ↑ 01 15 ₺ 55S 0 ± 10 2 ± 14 19 ↑ 20 15 ₺ 09 17 ± 43 1 ± 53 29 ± 13 19 ↑ 45 15 ₺ 55S 1 ± 10 28 ± 26 19 ↑ 04 14 ₺ 41 17 ± 17 2 ± 03 29 ± 13 19 ↑ 45 15 ₺ 55S 0 ± 27 ± 44 1 ★ 75 2 1 ± 25 9 1 ± 18 2 ± 24 1 ± 10 2 ± 24 <th>7838</th> <th>20П0</th> | 7 8 38 | 20П0 |
| 52S 29≈56 27 H 36 18 H 53 14 H 49 17 Π 14 0 H 49 28 H 24 19 M 35 15 H 36 18 Π 07 1 H 43 29 H 12 20 M 17 16 H 53S 0 H 60 27 H 38 18 M 38 14 H 23 16 Π 50 0 H 59 28 H 25 19 M 20 15 H 30 17 Π 14 1 H 3 29 H 12 20 M 17 16 H 50 28 H 25 19 M 20 15 H 30 1 H 43 29 H 12 20 M 17 16 H 50 28 H 25 19 M 20 15 H 30 1 H 43 1 H 53 29 H 12 20 M 17 16 H 50 28 H 25 19 M 20 15 H 30 1 H 31 28 H 28 19 M 20 18 M 20 | 7814 | 19П4 |
| 53S 0 ± 06 27±38 18±38 14±23 16±50 0 ± 59 28±25 19±20 15±09 17±43 1±53 29±12 20±01 15±55 54S 0 ± 16 27±39 18±23 13±56 16±25 1±10 28±26 19±04 14±41 17±17 2±03 29±13 19±45 15±8 55S 0 ± 27 27±41 18±08 13±28 15±58 1±20 28±27 18±48 14±13 16±50 2±13 29±13 19±28 14±8 56S 0 ± 39 27±42 17±52 12±59 15±30 1±31 28±28 18±32 13±43 16±22 2±24 29±14 19±12 14±8 57S 0±51 27±44 17±36 12±29 14±59 1±43 28±29 18±15 13±13 15±51 2±35 29±14 18±54 13±55 58S 1±03 27±45 17±20 11±58 14±27 1±55 28±30 17±58 12±41 | 6848 | 19П2 |
| 54S 0 ± 16 27±39 18±23 13±56 16±25 1±10 28±26 19±04 14±41 17±17 2±03 29±13 19±45 15±8 55S 0 ± 27 27±41 18±08 13±28 15±58 1±20 28±27 18±48 14±13 16±50 2±13 29±13 19±28 14±8 56S 0 ± 39 27±42 17±52 12±59 15±30 1±31 28±28 18±32 13±43 16±22 2±24 29±14 19±12 14±8 57S 0±51 27±44 17±36 12±29 14±59 1±43 28±29 18±15 13±13 15±51 2±35 29±14 18±54 13±5 58S 1±03 27±45 17±20 11±58 14±27 1±55 28±30 17±58 12±41 15±18 2±47 29±15 18±37 13±5 59S 1±16 27±47 17±03 11±25 13±52 2±07 28±31 17±41 12±808 <th< th=""><th>6822</th><th>19П0 18П3</th></th<> | 6822 | 19П0 18П3 |
| 55S 0 ± 27 27 ± 41 18 * 08 13 ± 28 15 ± 58 1 ± 20 28 ± 27 18 * 48 14 ± 13 16 ± 50 2 ± 13 29 ± 13 19 * 28 14 ± 56 56S 0 ± 39 27 ± 42 17 * 52 12 ± 59 15 ± 30 1 ± 31 28 ± 28 18 * 732 13 ± 43 16 ± 12 2 ± 24 29 ± 14 19 * 12 14 ± 8 57S 0 ± 51 27 ± 44 17 * 736 12 ± 29 14 ± 15 1 ± 43 28 ± 29 18 * 715 13 ± 13 15 ± 51 2 ± 35 29 ± 14 18 * 754 13 ± 58S 1 ± 10 2 ± 35 29 ± 14 18 * 754 13 ± 58S 1 ± 10 2 ± 47 29 ± 15 18 * 754 13 ± 58S 1 ± 10 2 ± 47 29 ± 15 18 * 754 13 ± 58S 1 ± 10 2 ± 47 29 ± 15 18 * 737 13 ± 58S 1 ± 10 2 ± 47 29 ± 15 18 * 737 13 ± 28 2 ± 41 1 ± 18 2 ± 47 29 ± 15 18 * 737 13 ± 28 2 ± 41 1 ± 18 2 ± 47 29 ± 15 18 * 737 13 ± 28 | .5 6 27 | 18Д3 |
| 56S 0 ± 39 27±42 17↑52 12₺59 15±30 1±31 28±28 18↑32 13₺43 16±22 2±44 29±14 19↑12 14₺5 57S 0 ± 51 27±44 17↑36 12₺29 14±59 1±43 28±29 18↑15 13₺13 15±51 2±35 29±14 18↑54 13₺ 58S 1±03 27±45 17↑20 11₺58 14±27 1±55 28±30 17↑58 12₺41 15±18 2±47 29±15 18↑37 13₺ 59S 1±16 27±47 17↑03 11₺25 13±52 2±07 28±31 17↑41 12₺08 14±43 2±59 29±15 18↑91 12₺ 60S 1±30 27±49 16↑46 10₺52 13±14 2±21 28±32 17↑23 11₺34 14±04 3±12 29±16 18↑00 12₺ 61S 1±44 27±51 16↑28 10₺17 12±33 2±34 28±34 17↑04 10₺58 13±22< | 4858 | 17Д4 |
| 57S 0 ± 51 27±44 17™36 12₺29 14±59 1±43 28±29 18™15 13₺13 15±51 2±35 29±14 18™54 13₺55 58S 1±03 27±45 17™20 11₺58 14±27 1±55 28±30 17™58 12₺41 15±18 2±47 29±15 18™37 13₺5 59S 1±16 27±47 17™03 11₺25 13±52 2±07 28±31 17™41 12₺08 14±43 2±59 29±15 18™19 12₺6 60S 1±30 27±49 16™46 10₺52 13±14 2±21 28±32 17™23 11₺34 14±04 3±12 29±16 18™00 12₺6 61S 1±44 27±51 16™28 10₺17 12±33 2±34 28±34 17™04 10₺58 13±22 3±25 29±17 17™41 11₺6 62S 1±59 27±52 16™10 9₺40 11±48 2±49 28±35 16™46 10₺21 12±3 | 4828 | 17 Д 1 |
| 59S 1 ± 16 27±47 17™03 11 ± 25 13 ± 52 2±07 28±31 17™41 12 ± 808 14 ± 43 2±59 29±15 18™19 12 ± 808 60S 1 ± 30 27±49 16™46 10 ± 52 13 ± 14 2±21 28±32 17™23 11 ± 34 14 ± 10 3±12 29±16 18™00 12 ± 8 61S 1 ± 44 27±51 16™28 10 ± 17 12 ± 33 2±34 28±34 17™04 10 ± 58 13 ± 22 3±25 29±17 17™41 11 ± 8 62S 1 ± 59 27±52 16™10 9 ± 40 11 ± 48 2±49 28±35 16™46 10 ± 21 12 ± 37 3±39 29±17 17™21 11 ± 8 63S 2±15 27±54 15™51 9 ± 02 10 ± 58 3±04 28±36 16™26 9 ± 42 11 ± 146 3±54 29±18 17™01 10 ± 25 | 3857 | 16114 |
| 60S 1 χ 30 27 χ 49 16 γ 46 10 ⋈ 52 13 π 14 2 χ 21 28 χ 32 17 γ 23 11 ⋈ 34 14 π 04 3 χ 12 29 χ 16 18 γ 00 12 ⋈ 61S 61S 1 χ 44 27 χ 51 16 γ 28 10 ⋈ 17 12 π 33 2 χ 34 28 χ 34 17 γ 04 10 ⋈ 58 13 π 22 3 χ 25 29 χ 17 17 γ 41 11 ⋈ 62S 62S 1 χ 59 27 χ 52 16 γ 10 9 ⋈ 40 11 π 48 2 χ 49 28 χ 35 16 γ 46 10 ⋈ 21 12 π 37 3 χ 39 29 χ 17 17 γ 21 11 ⋈ 63S 2 χ 15 27 χ 54 15 γ 51 9 ⋈ 20 10 π 58 3 χ 04 28 χ 36 16 γ 26 9 ⋈ 42 11 π 46 3 χ 54 29 χ 18 17 γ 01 10 ⋈ 20 | 3825 | 16П0 |
| 61S 1 κ 44 27 κ 51 16 γ 28 10 ⋈ 17 12 π 33 2 κ 34 28 κ 34 17 γ 04 10 ⋈ 58 13 π 22 3 κ 25 29 κ 17 17 γ 41 11 ⋈ 62S 62S 1 κ 59 27 κ 52 16 γ 10 9 ⋈ 40 11 π 48 2 κ 49 28 κ 35 16 γ 46 10 ⋈ 21 12 π 37 3 κ 39 29 κ 17 17 γ 21 11 ⋈ 63S 63S 2 κ 15 27 κ 54 15 γ 51 9 ⋈ 02 10 π 58 3 κ 04 28 κ 36 16 γ 26 9 ⋈ 42 11 π 46 3 κ 54 29 κ 18 17 γ 01 10 ⋈ 63 | 2851 | 15 Д 3 |
| 62S 1 \(\text{H} \) 59 27 \(\text{H} \) 52 16 \(\text{H} \) 10 9 \(\text{H} \) 40 11 \(\text{H} \) 48 2 \(\text{H} \) 49 28 \(\text{H} \) 35 16 \(\text{H} \) 46 10 \(\text{H} \) 21 12 \(\text{H} \) 37 3 \(\text{H} \) 39 29 \(\text{H} \) 17 \(\text{H} \) 11 18 \(\text{H} \) 32 16 \(\text{H} \) 28 11 \(\text{H} \) 48 17 \(\text{H} \) 10 10 \(\text{H} \) 33 16 \(\text{H} \) 34 16 \(\text{H} \) 28 16 \(\text{H} \) 36 16 \(\text{H} \) 36 16 \(\text{H} \) 36 16 \(\text{H} \) 37 17 \(\text{H} \) 37 17 \(\text{H} \) 37 18 \(| 2816 | 14115 |
| 63S 2 H 15 27 H 54 15 Y 51 9802 10 H 58 3 H 04 28 H 36 16 Y 26 9842 11 H 46 3 H 54 29 H 18 17 Y 01 10 8 | 1840 | 14 II 1 |
| | 0822 | 13 П 20 12 П 3 |
| | 9841 | 11 11 3 |
| 65S 2 H 49 27 H 58 15 M 12 78 40 9 H 00 3 H 38 28 H 39 15 M 45 88 19 9 H 46 4 H 26 2 9 H 19 16 M 19 88 | 8857 | 10Д3 |
| | 8812 | 9П1 |
| | 7 8 45 | 8п2 |

| | Sid.Tir MC: | | 00m A 354'38 | RMC: 3 | 00°00' | Sid.Tin MC: | | 04m A 52'01 | RMC: 3 | 301°00' | Sid.Tir MC: | | 08m A 349'33 | RMC: 3 | 02°00' |
|------------|--|---------------|----------------------------------|----------------------------------|----------------------------------|--|--------------------------------|-------------------------------------|----------------------------------|----------------------|--|--------------------------------|------------------------------|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27≈49 | 0 Υ 00 | 2810 | 2п05 | 0න00 | 28≈51 | 1℃05 | 3813 | 3П02 | 0ഇ55 | 29≈54 | 2Υ10 | 4815 | 3П59 | 1950 |
| 18 | 27≈53 | 0Υ00 | 1857 | 1Д51 | 29 II 52 29 II 44 | 28≈56 | 1 Υ 05 | 2859 | 2Д48 | 0947 | 29≈58 | 2Υ10 | 4801 | 3 Д 45 | 19542 |
| 2S 3S | 27≈58 28≈02 | 0°00 0°00 | 1844 1830 | 1Д36 1Д22 | 29 Д 36 | 29≈00 29≈04 | 1 Y 04 1 Y 04 | 2845 2832 | 2Д33 2Д19 | 0539 0531 | 0 ¥ 02 0 ¥ 07 | 2 Y 09 2 Y 08 | 3847 3833 | 3Д30 3Д16 | 1 5 3 4 1 5 2 6 |
| 4S | 28≈07 | 0Υ00 | 1817 | 1 11 08 | 29 Д 28 | 29≈09 | 1 γ 04 | 2818 | 2П05 | 0931 | 0×11 | 2Υ08 | 3819 | 3Д01 | 1918 |
| 58 | 28≈11 | 0Υ00 | 1805 | 0П54 | 29П20 | 29≈13 | 1 Υ 03 | 2805 | 1Д50 | 0915 | 0 X 15 | 2 Y 07 | 3806 | 2П47 | 19510 |
| 6S | 28≈15 | 0Υ00 | 0852 | 0П40 | 29 П 12 | 29≈17 | 1Υ03 | 1852 | 1Д36 | 0907 | 0 × 19 | 2Υ06 | 2852 | 2Д33 | 1902 |
| 7S | 28≈20 | 0Υ00 | 0839 | 0Д25 | 29П04 | 29≈22 | 1 Y 03 | 1839 | 1 Д 22 | 29П59 | 0 ¥ 23 | 2Ƴ06 | 2839 | 2П18 | 0ഇ54 |
| 8S | 28≈24 | 0Υ00 | 0827 | 0П11 | 28耳55 | 29≈26 | 1 Υ 02 | 1826 | 1 11 08 | 29 Д 50 | 0 X 28 | 2Υ05 | 2825 | 2П04 | 0946 |
| 9S | 28≈29 | 0Υ00 | 0814 | 29857 | 28П47 | 29≈30 | 1Υ02 | 1813 | 0Д53 | 29П42 | 0 ¥ 32 | 2 ℃ 05 | 2812 | 1 Д 50 | 0937 |
| 10S | 28≈33 28≈38 | 0°00 0°00 | 0802 29Ƴ49 | 29843 29829 | 28 II 39 28 II 31 | 29≈35 29≈39 | 1 Y 02 1 Y 01 | 1801 0848 | 0П39 0П25 | 29 II 34 29 II 26 | 0 × 36 | 2 Y 04 2 Y 03 | 1859 | 1 Д 35 | 0©29 0©21 |
| 11S 12S | 28≈38 28≈42 | 0Υ00 0Υ00 | 29 Y 49 29 Y 37 | 29815 | 28 II 23 | 29≈39 29≈43 | 1 Υ 01 1 Υ 01 | 0835 | 0 <u>п</u> 23 | 29 П 28 | 0 X 40 0 X 44 | 2Υ03 2Υ03 | 1846 1833 | 1Д21 1Д06 | 0921 |
| 13S | 28≈47 | 0Υ00 | 29Y25 | 29801 | 28 Д 14 | 29≈48 | 1 γ 01 | 0823 | 29856 | 29П09 | 0×49 | 2Υ02 | 1820 | 0П52 | 0904 |
| 14S | 28≈51 | 0Υ00 | 29 Y 13 | 28846 | 28П06 | 29≈52 | 1 Y 01 | 0810 | 29842 | 29П01 | 0 ¥ 53 | 2 Y 02 | 1808 | 0Д37 | 29П56 |
| 15S | 28≈56 | 0Υ00 | 29 Y 01 | 28832 | 27П57 | 29≈56 | 1 Υ 00 | 29Ƴ58 | 29827 | 28П52 | 0 X 57 | 2 Y 01 | 0855 | 0П23 | 29П47 |
| 16S | 29≈00 | 0Υ00 | 28Ƴ49 | 28818 | 27П49 | 0 X 01 | 1 Y 00 | 29Ƴ46 | 29813 | 28П44 | 1 X 02 | 2 Υ 00 | 0842 | 0П08 | 29П39 |
| 17S | 29≈05 20 10 | 0Υ00 | 28 Y 37 | 28803 | 27 II 40 | 0 × 05 | 1Υ00 | 29Υ33 | 28858 | 28 Д 35 | 1 X 06 | 2Υ00 | 0829 | 29853 | 29 Д 30 |
| 18S 19S | 29≈10 29≈14 | 0°00 0°00 | 28 Y 25 28 Y 13 | 27849 27834 | 27 II 31 27 II 22 | 0 X 10 0 X 14 | 0°759 0°759 | 29Ƴ21 29Ƴ09 | 28 8 44 28 8 29 | 28 II 26 28 II 17 | 1 X 10 1 X 15 | 1 Y 59 1 Y 58 | 0817 0804 | 29838 29824 | 29 Д21 29 Д12 |
| 208 | 29≈19 | 0Υ00 | 28 Y 01 | 27819 | 27 II 13 | 0 X 19 | 0Υ59 | 28 Y 56 | 28814 | 28 II 08 | 1 X 19 | 1Υ58 | 29°751 | 29808 | 29 II 03 |
| 20S 21S | 29≈19 29≈24 | 0Υ00 0Υ00 | 28 Y 01 27 Y 49 | 27804 | 27 II 13 27 II 04 | 0 X 19 | 0Υ59 0Υ58 | 28 \gamma 44 | 27859 | 28 II 08 27 II 59 | 1 X 19 | 1 Y 58 | 29 Y 31 29 Y 39 | 28853 | 29 II 03 28 II 54 |
| 22S | 29≈28 | 0Υ00 | 27Υ37 | 26849 | 26П55 | 0 X 28 | 0Υ58 | 28 Y 32 | 27844 | 27П50 | 1 X 28 | 1Υ57 | 29Υ26 | 28838 | 28П45 |
| 23S | 29≈33 | 0Υ00 | 27 Y 25 | 26834 | 26II45 | 0 X 33 | 0Υ58 | 28 Ƴ 19 | 27828 | 27П40 | 1 X 32 | 1Υ56 | 29Υ13 | 28823 | 28П35 |
| 24S | 29≈38 | 0Υ00 | 27 Ƴ 13 | 26819 | 26П36 | 0 X 37 | 0Υ57 | 28 ⋎ 07 | 27813 | 27П31 | 1 X 37 | 1 ℃ 55 | 29 Y 01 | 28807 | 28П25 |
| 25S | 29≈43 | 0Υ00 | 27Υ01 | 26803 | 26П26 | 0 X 42 | 0Υ57 | 27 Υ 55 | 26857 | 27П21 | 1 X 42 | 1Υ55 | 28 Y 48 | 27851 | 28П16 |
| 26S 27S | 29≈48 29≈53 | 0Υ00 0Υ00 | 26 ° 49 26 ° 37 | 25 8 48 25 8 32 | 26 II 16 26 II 06 | 0 X 47 0 X 52 | 0°757 0°757 | 27 Y 42 27 Y 30 | 26 8 42 26 8 26 | 27 II 11 27 II 01 | 1 X 46 1 X 51 | 1 Y 54 1 Y 54 | 28 \gamma 35 28 \gamma 23 | 27835 27819 | 28 II 06 27 II 56 |
| 28S | 29≈58 29≈58 | 0Υ00 0Υ00 | 26Y25 | 25816 | 25 II 56 | 0 X 52 | 0Υ56 | $27 \Upsilon 17$ | 26809 | 26 II 50 | 1 X 56 | 1 Y 54 1 Y 53 | 28 Y 10 | 27803 | 27 II 36 |
| 29S | 0 X 03 | 0Υ00 | 26Y13 | 25800 | 25 II 45 | 1 × 02 | 0Υ56 | 27Υ05 | 25853 | 26 Д 40 | 2 × 01 | 1Υ52 | 27Y57 | 26846 | 27Д35 |
| 30S | 0 X 08 | 0Υ00 | 26 Y 01 | 24844 | 25 Д 34 | 1 X 07 | 0Υ56 | 26Y52 | 25837 | 26П29 | 2 X 06 | 1Υ52 | 27 Y 44 | 26829 | 27П24 |
| 31S | 0 ¥ 14 | 0 Υ 00 | 25Ƴ48 | 24827 | 25 11 23 | 1 X 12 | 0Υ55 | 26 Y 40 | 25820 | 26П18 | 2 X 11 | 1 Y 51 | 27 Y 31 | 26812 | 27П13 |
| 32S | 0 X 19 | 0Υ00 | 25Υ36 | 24810 | 25 II 12 | 1 X 17 | 0Υ55 | 26Y27 | 25803 | 26П07 | 2 X 16 | 1 Υ 50 | 27Υ18 | 25855 | 27 Д 02 |
| 33S 34S | 0 ¥ 25 0 ¥ 30 | 0Υ00 0Υ00 | 25 \ \cdot 24 \\ 25 \ \cdot 11 | 23 8 53 23 8 36 | 25 II 01 24 II 49 | 1 X 23 1 X 28 | 0°755 0°754 | 26 ° 14 26 ° 01 | 24845 24828 | 25 II 55 25 II 44 | 2 ¥ 21 2 ¥ 26 | 1 Y 50 1 Y 49 | 27\cdot\04 26\cdot\51 | 25 8 38 25 8 20 | 26 II 50 26 II 38 |
| 35S | 0 X 36 | 0Υ00 | 24 Y 58 | 23818 | 24 II 37 | 1 X 34 | 0Υ54 | 25 Y 48 | 24810 | 25 Д 31 | 2 X 32 | 1Υ48 | 26 Y 38 | 25802 | 26 II 26 |
| 36S | 0 X 30 | 0Υ00 | 24 Y 46 | 23800 | 24 II 37 24 II 24 | 1 X 34 | 0Υ54 | 25 Y 35 | 23851 | 25 II 19 | 2 X 32 | 1 γ 48 1 γ 48 | 26 Y 24 | 24843 | 26 II 14 |
| 37S | 0 X 48 | 0Υ00 | 24Υ33 | 22841 | 24 П 12 | 1 X 45 | 0Υ53 | 25 Y 22 | 23833 | 25 Д 06 | 2 X 43 | 1Υ47 | 26Y10 | 24824 | 26П01 |
| 38S | 0 ¥ 54 | 0Υ00 | 24Υ20 | 22823 | 23 Д 58 | 1 X 51 | 0Υ53 | 25Υ08 | 23814 | 24 Д 53 | 2 X 48 | 1Υ46 | 25 Y 57 | _ | 25 Д 47 |
| 398 | 1 ₩ 00 | 0 Υ 00 | 24Ƴ07 | 22804 | 23 Д 45 | 1 X 57 | 0Υ53 | 24Ƴ55 | 22855 | 24П39 | 2 X 54 | 1 ℃ 45 | 25℃43 | 23845 | 25 Д 34 |
| 40S | 1 X 06 | 0Υ00 | 23 Y 53 | 21844 | 23 Д 31 | 2 ¥ 03 | 0Υ52 | 24°741 | 22835 | 24 П 25 | 3 ¥ 00 | 1 Υ 45 | 25Υ28 | 23825 | 25 II 20 |
| 41S 42S | 1 X 13 1 X 19 | 0°00 0°00 | 23 \gamma 40 23 \gamma 26 | 21824 21804 | 23 II 16 23 II 01 | 2 ¥ 09 2 ¥ 16 | 0Υ52 0Υ51 | 24 \cdot 27 24 \cdot 13 | 22 8 15 21 8 54 | 24 II 11 23 II 56 | 3 X 06 3 X 12 | 1 Y 44 1 Y 43 | 25 \gamma 14 25 \gamma 00 | 23 8 05 22 8 44 | 25 II 05 24 II 50 |
| 43S | 1 X 26 | 0Υ00 | 23 Υ 13 | 20843 | 22 II 46 | 2 × 22 | 0Υ51 | 23Υ59 | 21833 | 23 II 40 | 3 × 19 | 1 Υ 43 | 24°Y45 | 22823 | 24II34 |
| 44S | 1 X 33 | 0Υ00 | 22 Y 59 | 20822 | 22 Д 30 | 2 X 29 | 0 Υ 51 | 23 ℃ 44 | 21811 | 23 Д 24 | 3 ¥ 25 | 1 ℃ 42 | 24Y30 | 22801 | 24П18 |
| 45S | 1 X 40 | 0 Υ 00 | 22 Ƴ 45 | 20800 | 22 п 13 | 2 X 36 | 0Υ50 | 23 Y 30 | 20849 | 23 Д 07 | 3 ¥ 32 | 1 ℃41 | 24 Y 15 | 21838 | 24П01 |
| 46S | 1 X 48 | 0Υ00 | 22Υ30 | 19837 | 21 Д 56 | 2 × 43 | 0Υ50 | 23 Y 15 | 20826 | 22 Д 50 | 3 × 39 | 1 Υ 40 | 24Y00 | 21815 | 23 Д 44 |
| 47S 48S | 1 X 55 2 X 03 | 0°00 0°00 | 22 \gamma 16 22 \gamma 01 | 19 8 14 18 8 51 | 21 II 37 21 II 18 | 2 X 51 2 X 58 | 0Ƴ49 0Ƴ49 | 23 \(\cdot 00 \) 22 \(\cdot 45 \) | 20803 19839 | 22 II 31 22 II 12 | 3 X 46 3 X 53 | 1 Y 39 1 Y 39 | 23 \gamma 44 23 \gamma 28 | 20 8 51 20 8 27 | 23 II 25 23 II 06 |
| 46S 49S | 2 X 03 | 0Υ00 0Υ00 | 22 Y 01 21 Y 46 | 18826 | 20 II 59 | 3 X 06 | 0Υ49 0Υ49 | 22 Y 43 22 Y 29 | 19814 | 21 II 52 | 4 X 01 | 1 Υ 39 1 Υ 38 | 23 Y 28 23 Y 12 | 20827 | 23 II 06 22 II 46 |
| 50S | 2 X 20 | 0Υ00 | 21Υ30 | 18801 | 20П38 | 3 × 14 | 0Υ48 | 22 Y 13 | 18849 | 21 Д31 | 4 X 09 | 1 Υ 37 | 22Y56 | 19836 | 22 Д 25 |
| 51S | 2 X 28 | 0Υ00 | 21 Y 14 | 17835 | 20 II 16 | 3 × 22 | 0Υ48 | 21 Y 57 | 18822 | 21 Д 09 | 4 X 17 | 1Υ36 | 22 Y 39 | 19809 | 22 II 03 |
| 52S | 2 X 37 | 0 Υ 00 | 20 Y 58 | 17809 | 19П53 | 3 ¥ 31 | 0Ƴ47 | 21 Ƴ 40 | 17855 | 20П46 | 4 ¥ 25 | 1 ℃ 35 | 22 Y 22 | 18842 | 21 Д39 |
| 538 | 2 1 46 | 0000 | 20Υ42 | 16841 | 19 Д 28 | 3 X 40 | 0Υ47 | 21 Υ 23 | 17827 | 20 Д 21 | 4 X 34 | 1Υ34 | 22Υ05 | 18813 | 21 Д 14 |
| 548 | 2 X 56 | 0Υ00 | 20Υ26 | 16813 | 19 11 02 | 3 X 49 | 0Υ46 | 21 γ 06 | 16858 | 19Д55 | 4 X 43 | 1 Υ 33 | 21 γ 47 | 17844 | 20 11 48 |
| 55S 56S | 3 ¥ 06 3 ¥ 16 | 0°00 0°00 | 20℃08 19℃51 | 15 8 43 | 18 II 35 18 II 06 | 3 X 59 4 X 09 | 0°746 0°745 | 20 ° 49 20 ° 31 | 16 8 28 15 8 57 | 19П28 18П58 | 4 X 52 5 X 02 | 1 Y 32 1 Y 31 | 21Υ29 21Υ10 | 17813 16842 | 20 II 20 19 II 51 |
| 57S | 3 X 16 | 0Υ00 0Υ00 | 19 \(\frac{19}{31} \) | 14841 | 17Д35 | 4 X 09 4 X 20 | 0°γ′45 0°γ45 | 20%31 $20%12$ | 15825 | 18 Д 27 | 5 X 02 | 1 Y 31 | 21 \ 10 \ 20 \ \gamma 51 | 16842 | 19Д31 |
| 58S | 3 X 38 | 0Υ00 | 19 Y 15 | 14808 | 17 I I 01 | 4 X 30 | 0Υ44 | 19\gamma53 | 14851 | 17 Д 53 | 5 X 23 | 1Υ29 | 20 Y 32 | 15835 | 18П45 |
| 59S | 3 ¥ 50 | 0Υ00 | 18 Y 56 | 13834 | 16П25 | 4 ¥ 42 | 0Υ44 | 19Ƴ34 | 14817 | 17Ц16 | 5 ¥ 34 | 1 ℃ 28 | 20 Y 12 | 15800 | 18П08 |
| 60S | 4 ¥ 03 | 0Υ00 | 18 Ƴ 37 | 12858 | 15П45 | 4 ¥ 54 | 0Υ43 | 19Ƴ14 | 13840 | 16Д36 | 5 ¥ 45 | 1 ℃27 | 19 Y 51 | 14823 | 17П27 |
| 61S | 4 X 16 | 0Υ00 | 18 Υ 17 | 12821 | 15 Д 03 | 5 × 06 | 0Υ42 | 18 Y 54 | 13803 | 15 Д 53 | 5 X 57 | 1Υ25 | 19Υ30 | 13844 | 16П43 |
| 62S | 4 ¥ 29 | 0°00 0°00 | 17 Υ 57 17 Υ 36 | 11842 | 14Π15 13Π23 | 5 ¥ 20 | 0Υ42 0Υ41 | 18 Y 33 | 12823 | 15 II 05 | 6¥10 | 1Υ24 | 19 Y 08 | 13804 | 15 II 55 |
| 63S 64S | 4 X 44 4 X 59 | 0Υ00 0Υ00 | 17\day 36 | 11802 10820 | 13 П 23 12 П 25 | 5 X 33 5 X 48 | 0 ° 41 0 ° 41 | 18Ƴ11 17Ƴ49 | 11842 10859 | 14 II 12 13 II 12 | 6 X 23 6 X 37 | 1 ° 23 1 ° 22 | 18 Y 46 18 Y 23 | 12 8 22 11 8 38 | 15 II 01 14 II 00 |
| 65S | 5 X 15 | 0Υ00 | 16 Y 52 | 9836 | 11 11 18 | 6 X 03 | 0Υ40 | 17 Υ 26 | 10814 | 12 Д 04 | 6 X 52 | 1Υ20 | 17 Y 59 | 10852 | 12Д50 |
| 66S | 5 X 32 | 0Υ00 | 16 \gamma 32 | 8849 | 10耳01 | 6 X 20 | 0Υ39 | 17 Y 20 | 9826 | 10 Д 45 | 7 X 08 | 1 γ 20 1 γ 19 | 17 Y 35 | 10832 | 11 Д 29 |
| pc | 5 ¥ 42 | 0Υ00 | 16 Y 16 | 8822 | 9п12 | 6 ¥ 29 | 0Υ39 | 16Ƴ49 | 8859 | 9П54 | 7 × 17 | 1Υ18 | 17Υ21 | 9836 | 10Д36 |
| | | | | <u>!</u> | <u> </u> | | | | ! | | | | | | |

| | Sid.Tin MC: | | 12m A 7'14 | RMC: 3 | 03°00' | Sid.Tin MC: | | 16m A 5'05 | RMC: 3 | 304°00' | Sid.Tir MC: | | 20m A 3'04 | RMC: 3 | 05°00' |
|------------|--|--------------------------------|-----------------------------------|----------------------------------|----------------------------------|--|--------------------------------|---|----------------------------------|-----------------------|--|--------------------------|---|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0 X 57 | 3Υ16 | 5817 | 4П56 | 29645 | 2 ¥ 00 | 4 ℃ 21 | 6819 | 5Д53 | 3540 | 3 ¥ 03 | 5Υ26 | 7821 | 6Ц50 | 4935 |
| 1S | 1 X 01 | 3Υ15 | 5802 | 4II42 | 2537 | 2 X 04 | 4Υ20 | 6804 | 5Д38 | 3532 | 3 ¥ 07 | 5 Y 25 | 7805 | 6Д35 | 4527 |
| 2S | 1 X 05 | 3Υ14 | 4848 | 4H27 | 2529 | 2 × 08 | 4Υ18 | 5849 | 5 II 24 | 3524 | 3 X 11 | 5Υ23 | 6850 | 6П20 | 4519 |
| 3S 4S | 1 X 09 1 X 13 | 3Υ13 3Υ12 | 4834 4820 | 4П12 3П58 | 2 9 21 2 9 13 | 2 X 12 2 X 16 | 4Υ17 4Υ16 | 5835 5820 | 5П09 4П54 | 3508 3508 | 3 X 15 3 X 18 | 5 ° 21 5 ° 20 | 6835 6821 | 6П05 5П51 | 49911 49903 |
| 5S | 1 X 17 | 3Υ11 | 4806 | 3 Д 43 | 2905 | 2 X 20 | 4Υ15 | 5806 | 4 I I40 | 3500 | 3 X 22 | 5Υ18 | 6806 | 5Д36 | 3955 |
| 6S | 1 X 17 | 3Υ11 3Υ10 | 3852 | 3 Д 29 | 1957 | 2 X 20 2 X 24 | 4Υ13 4Υ13 | 4852 | 4 II 25 | 2552 | 3 X 22 | 5Υ18 | 5 8 51 | 5 Д 21 | 3933 |
| 7S | 1 X 25 | 3Υ09 | 3838 | 3Д15 | 19549 | 2 × 28 | 4Υ12 | 4838 | 4 I 11 | 25644 | 3 × 30 | 5Υ15 | 5837 | 5Д07 | 3539 |
| 8S | 1 X 29 | 3Y08 | 3825 | 3Д00 | 19541 | 2 X 31 | 4Υ11 | 4824 | 3Д56 | 2536 | 3 X 34 | 5 Υ 14 | 5823 | 4II52 | 3531 |
| 9S | 1 X 34 | 3 ⋎ 07 | 3811 | 2П46 | 1932 | 2 X 35 | 4Υ10 | 4810 | 3П42 | 2528 | 3 X 37 | 5 Y 12 | 5809 | 4Ц37 | 3 5 2 3 |
| 10S | 1 X 38 | 3Υ06 | 2858 | 2Д31 | 19524 | 2 X 39 | 4 Υ08 | 3856 | 3П27 | 2519 | 3 ¥ 41 | 5 Υ 11 | 4855 | 4II23 | 3514 |
| 118 | 1 X 42 | 3Υ05 | 2844 | 2Д17 | 1916 | 2 X 43 | 4Υ07 | 3843 | 3 Д 12 | 2511 | 3 X 45 | 5Υ09 | 4840 | 4H08 | 3506 |
| 12S 13S | 1 X 46 1 X 50 | 3 Y 04 3 Y 03 | 2831 2818 | 2П02 1П47 | 1©08 0©59 | 2 X 47 2 X 51 | 4℃06 4℃05 | 3829 3815 | 2П58 2П43 | 2©03 1©54 | 3 X 49 3 X 53 | 5Ƴ07 5Ƴ06 | 4827 4813 | 3Д53 3Д38 | 2 9 58 2 9 50 |
| 14S | 1 X 54 | 3Υ02 | 2805 | 1Д33 | 0951 | 2 X 55 | 4Υ03 | 3802 | 2 п 28 | 19346 | 3 X 57 | 5Υ04 | 3859 | 3 Д 23 | 25341 |
| 15S | 1 X 58 | 3 ⋎ 02 | 1852 | 1П18 | 0942 | 2 X 59 | 4Υ02 | 2848 | 2п13 | 19537 | 4 X 00 | 5 Υ 03 | 3845 | 3П08 | 2533 |
| 16S | 2 × 02 | 3Υ01 | 1839 | 1 п 03 | 0934 | 3 × 03 | 4Υ01 | 2835 | 1П58 | 1529 | 4 × 04 | 5Υ01 | 3831 | 2Д53 | 2524 |
| 17S | 2 X 07 | 3 Y 00 | 1826 | 0Д48 | 0ഇ25 | 3 X 07 | 4 Υ 00 | 2822 | 1Д43 | 1520 | 4 ¥ 08 | 5℃00 | 3818 | 2Д38 | 2915 |
| 18S | 2 X 11 | 2Υ59 | 1813 | 0Д33 | 0516 | 3 X 11 | 3Υ59 | 2808 | 1 Д 28 | 1991 | 4 X 12 | 4Υ58 | 3804 | 2 Д 23 | 2506 |
| 19S | 2 X 15 | 2Υ58 | 1800 | 0П18 | 0507 | 3 X 15 | 3Υ57 | 1855 | 1 II 13 | 1502 | 4 X 16 | 4°757 | 2850 | 2Д07 | 1957 |
| 20S 21S | 2 X 19 2 X 24 | 2°757 2°756 | 0847 0834 | 0П03 29 8 48 | 29 II 58 29 II 49 | 3 ¥ 20 3 ¥ 24 | 3 ℃ 56 3 ℃ 55 | 1842 1828 | 0П58 0П42 | 0 0 0 5 3 | 4 X 20 4 X 24 | 4Υ55 4Υ54 | 2836 2823 | 1Д52 1Д36 | 1 5 4 8 1 5 3 9 |
| 21S 22S | 2 X 24 2 X 28 | 2Υ56 2Υ55 | 0834 | 29832 | 29 II 49 29 II 40 | 3 X 24 3 X 28 | 3Υ55 3Υ54 | 1815 | 0Д42 | 0935 | 4 X 24 4 X 28 | 4Υ54 4Υ52 | 2809 | 1 Д 36 | 1939 |
| 23S | 2 ¥ 32 | 2Υ54 | 0807 | 29817 | 29П30 | 3 X 32 | 3 Υ 52 | 1801 | 0Д11 | 0925 | 4 X 32 | 4Υ51 | 1855 | 1 Д 05 | 1920 |
| 24S | 2 X 37 | 2Y53 | 29Ƴ54 | 29801 | 29П20 | 3 X 36 | 3 Υ 51 | 0848 | 29855 | 0915 | 4 ∺ 36 | 4Ƴ49 | 1842 | 0П49 | 19311 |
| 25S | 2¥41 | 2Y52 | 29 Ƴ 41 | 28845 | 29П11 | 3 X 41 | 3 ⋎ 50 | 0835 | 29839 | 0906 | 4 ∺ 41 | 4 Ƴ 48 | 1828 | 0Д32 | 1991 |
| 26S | 2 × 46 | 2Υ51 | 29Υ28 | 28829 | 29П01 | 3 X 45 | 3Υ49 | 0821 | 29822 | 29 Д 56 | 4 X 45 | 4Υ46 | 1814 | 0Д16 | 0951 |
| 27S 28S | 2 X 50 2 X 55 | 2Υ50 2Υ50 | 29 Y 15 29 Y 02 | 28 8 13 27 8 56 | 28 II 51 28 II 40 | 3 X 50 3 X 54 | 3 Y 47 3 Y 46 | 0808 29 Υ 54 | 29806 28849 | 29 II 46 29 II 35 | 4 X 49 4 X 53 | 4 ° 44 4 ° 43 | 1800 0846 | 29859 29843 | 0 9 41 |
| 29S | 3 X 00 | 2 Υ 30 2 Υ 49 | 28 Y 49 | 27839 | 28 II 30 | 3 X 59 | 3 Υ 40 3 Υ 45 | $29 \Upsilon 34$ $29 \Upsilon 40$ | 28832 | 29 П 25 | 4 X 58 | 4 γ 43 4 γ 41 | 0832 | 29825 | 0930 |
| 30S | 3 X 04 | 2Υ48 | 28 Y 35 | 27822 | 28П19 | 4 × 03 | 3℃44 | 29 ° 27 | 28815 | 29 П 14 | 5 × 02 | 4 Υ 40 | 0818 | 29808 | 0909 |
| 31S | 3 × 09 | 2Υ47 | 28Y22 | 27805 | 28月08 | 4 X 08 | 3Υ42 | 29Υ13 | 27858 | 29 Д 03 | 5 × 07 | 4Υ38 | 0804 | 28851 | 29П58 |
| 32S | 3 ¥ 14 | 2 Y 46 | 28Y08 | 26848 | 27П56 | 4 ¥ 13 | 3Ƴ41 | 28 Y 59 | 27840 | 28П51 | 5 X 11 | 4 Υ 36 | 29 Y 50 | 28833 | 29П46 |
| 33S | 3 X 19 | 2Υ45 | 27Υ55 | 26830 | 27 11 45 | 4 X 18 | 3Υ40 | 28°Y45 | 27822 | 28 Д 40 | 5 × 16 | 4Υ35 | 29Υ35 | 28814 | 29 Д 35 |
| 348 | 3 ★ 24 | 2Υ44 | 27Υ41 | 26812 | 27 11 33 | 4 X 22 | 3 ⋎ 38 | 28 Ƴ 31 | 27804 | 28 Д 28 | 5 X 21 | 4Υ33 | 29Υ21 | 27856 | 29 Д23 |
| 35S 36S | 3 × 29 3 × 35 | 2 Y 43 2 Y 42 | 27 ° 27 27 ° 13 | 25 8 53 25 8 35 | 27 II 21 27 II 08 | 4 X 27 4 X 33 | 3 Y 37 3 Y 36 | 28 \(\cdot 17 \) 28 \(\cdot 02 \) | 26845 26826 | 28 II 16 28 II 03 | 5 X 26 5 X 31 | 4Υ31 4Υ30 | 29°706 28°751 | 27837 27818 | 29П11 28П58 |
| 37S | 3 X 40 | 2 Υ 42 2 Υ 41 | 26 Y 59 | 25816 | 26 II 55 | 4 X 38 | 3Υ34 | 27 Y 48 | 26807 | 27 II 50 | 5 X 36 | 4Υ28 | 28 Y 36 | 26859 | 28 II 45 |
| 38S | 3 ¥ 46 | | 26Ƴ45 | 24856 | 26II42 | 4 X 43 | 3 ⋎ 33 | 27Ƴ33 | | 27П37 | 5 ₩41 | 4Υ26 | 28 Y 21 | 26839 | 28П32 |
| 39S | 3 X 51 | 2 Y 38 | 26 Y 31 | 24836 | 26П28 | 4 X 49 | 3 Ƴ 31 | 27 Ƴ 18 | 25827 | 27 Д 23 | 5 X 46 | 4 ° 24 | 28Y06 | 26818 | 28П18 |
| 40S | 3 ¥ 57 | 2 Y 37 | 26 Y 16 | 24816 | 26耳14 | 4 ¥ 54 | 3 Ƴ 30 | 27 ⋎ 03 | 25807 | 27П09 | 5 X 51 | 4 Y 23 | 27 Y 51 | 25857 | 28П04 |
| 418 | 4 × 03 | 2 Y 36 2 Y 35 | 26℃01 25℃46 | 23855 23834 | 26 II 00 | 5 × 00 | 3Υ29 | 26 \gamma 48 \\ 26 \gamma 33 | 24846 | 26 П 54 | 5 X 57 | 4Υ21 | 27 \gamma 35 27 \gamma 19 | 25836 | 27 II 49 27 II 34 |
| 42S 43S | 4 X 09 4 X 15 | 2Υ33 2Υ34 | 25 Y 40 25 Y 31 | 23812 | 25 II 44 25 II 29 | 5 X 06 5 X 12 | 3 ° 27 3 ° 26 | 26 Y 17 | 24824 24802 | 26 II 39 26 II 23 | 6 ¥ 02 6 ¥ 08 | 4Ƴ19 4Ƴ17 | 27 Y 19 27 Y 03 | 25 8 14 24 8 52 | 27II 34 27II 18 |
| 44S | 4¥21 | 2Υ33 | 25Υ16 | 22850 | 25 II 12 | 5 X 18 | 3Υ24 | 26Y02 | 23840 | 26П07 | 6 X 14 | 4Υ15 | 26°Y47 | 24829 | 27П01 |
| 45S | 4 X 28 | 2 Y 32 | 25 Y 00 | 22827 | 24П55 | 5 ¥ 24 | 3 ℃ 22 | 25Ƴ46 | 23817 | 25 Д 50 | 6 ∺ 20 | 4 Υ 13 | 26 Y 31 | 24806 | 26П44 |
| 46S | 4 ¥ 35 | 2 Y 30 | 24Ƴ45 | 22804 | 24П38 | 5 X 30 | 3Υ21 | 25Ƴ29 | 22853 | 25 Д 32 | 6¥26 | 4Υ11 | 26Y14 | 23842 | 26П26 |
| 47S | 4 X 41 | 2Υ29 2₩28 | 24Υ29 | 21840 | 24 II 19 | 5 X 37 | 3Υ19 | 25Υ13 | 22828 | 25 II 13 | 6 X 33 | 4Υ09 | 25 Y 57 | 23817 | 26 II 08 |
| 48S 49S | 4 X 49 4 X 56 | 2Υ28 2Υ27 | 24 Y 12 23 Y 56 | 21815 20850 | 24 II 00 23 II 40 | 5 X 44 5 X 51 | 3Υ18 3Υ16 | 24 \cdot 56 24 \cdot 39 | 22803 21837 | 24 II 54 24 II 34 | 6 X 39 6 X 46 | 4℃07 4℃05 | 25 \gamma 40 25 \gamma 22 | 22852 22825 | 25 II 48 25 II 28 |
| 50S | | 2 Y 2 7 | 23 Y 39 | 20823 | 23 II 19 | | | | 21811 | 24 II 12 | | 4Υ03 | 25 Y 04 | 21858 | 25 II 26 |
| 50S 51S | 5 X 03 5 X 11 | 2 Υ 25 2 Υ 24 | 23 \ \gamma 39 \\ 23 \ \gamma 21 | 19856 | 23 II 19 22 II 56 | 5 X 58 6 X 06 | 3 ° 14 3 ° 12 | 24 \cdot 21 24 \cdot 04 | 20843 | 24 II 12 23 II 50 | 6 X 53 7 X 00 | 4Υ03 4Υ00 | 25 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 21838 | 25 II 06 24 II 44 |
| 52S | 5 × 19 | 2Y23 | 23 ℃ 04 | 19828 | 22 Д 33 | 6 × 13 | 3Υ10 | 23 ℃ 46 | 20815 | 23 Д 26 | 7 X 08 | 3Υ58 | 24Y27 | 21801 | 24II20 |
| 53S | 5 ¥ 28 | 2Υ21 | 22Υ46 | 18859 | 22 п 08 | 6¥22 | 3Υ09 | 23 ℃ 27 | 19846 | 23 Д 01 | 7 × 15 | 3Υ56 | 24Υ08 | 20832 | 23 Д 55 |
| 548 | 5 X 36 | 2 Y 20 | 22 Ƴ 28 | 18829 | 21 Д41 | 6 ¥ 30 | 3℃07 | 23 ℃ 08 | 19815 | 22 Д 35 | 7 ∺ 24 | 3 Y 53 | 23 ℃ 49 | 20801 | 23 Д 28 |
| 55S | 5 X 45 | 2Υ18 | 22Υ09 | 17858 | 21 Д 13 | 6 X 39 | 3Υ05 | 22 Y 49 | 18844 | 22 Д 06 | 7 X 32 | 3Υ51 | 23 Y 29 | 19829 | 23 Д 00 |
| 56S 57S | 5 ¥ 55 6 ¥ 04 | 2Υ17 2Υ15 | 21 \gamma 50 21 \gamma 30 | 17826 16853 | 20 II 43 20 II 11 | 6 X 48 6 X 57 | 3 Y 03 3 Y 01 | 22 \(\chi 29 \) 22 \(\chi 09 \) | 18 8 11 17 8 37 | 21 II 36 21 II 04 | 7 X 41 7 X 50 | 3 ° 48 3 ° 46 | 23 \(\cdot 09 \) 22 \(\cdot 48 \) | 18 8 56 18 8 21 | 22 II 29 21 II 57 |
| 58S | 6¥15 | 2 Υ 13 2 Υ 14 | $21 \Upsilon 30$ $21 \Upsilon 10$ | 16818 | 19 Д 37 | 7 X 07 | 2Υ58 | 21 \gamma 48 | 17802 | 20 Д 29 | 7 X 59 | 3 Υ 40 3 Υ 43 | 22 Y 27 | 17845 | 21 II 37 |
| 59S | 6 ∺ 25 | 2Υ12 | 20Υ49 | 15842 | 18П59 | 7 X 17 | 2Υ56 | 21 Υ 27 | 16825 | 19П51 | 8 X 09 | 3Υ40 | 22Υ05 | 17808 | 20П43 |
| 60S | 6¥36 | 2 Y 10 | 20 Y 28 | 15805 | 18П19 | 7 ∺ 28 | 2Ƴ54 | 21 ℃ 05 | 15847 | 19П10 | 8 X 19 | 3 ℃ 37 | 21 Y 42 | 16829 | 20П02 |
| 61S | 6 ¥ 48 | 2 Y 08 | 20Y06 | 14826 | 17 I I34 | 7 X 39 | 2Y51 | 20Ƴ43 | 15807 | 18П25 | 8 X 30 | 3 ℃ 34 | 21 Y 19 | 15849 | 19П16 |
| 62S | 7 × 00 | 2Υ07 | 19 ° 44 | 13845 | 16П45 | 7 X 51 | 2Υ49 | 20Υ20 | 14825 | 17Д35 | 8 X 41 | 3Υ31 | 20°755 | 15806 | 18 Д 25 |
| 63S 64S | 7 X 13 7 X 27 | 2Υ05 2Υ03 | 19 Ƴ 21 18 Ƴ 57 | 13 8 02 12 8 17 | 15 II 50 14 II 48 | 8 X 03 8 X 16 | 2 ° 46 2 ° 44 | 19 Υ 56 19 Υ 32 | 13842 12856 | 16 II 39 15 II 36 | 8 X 53 9 X 06 | 3 \cdot 28 3 \cdot 25 | 20 \gamma 31 \\ 20 \gamma 06 | 14822 13835 | 17П29 16П24 |
| 65S | | 2Υ03 2Υ01 | 18 \gamma 33 | | | | 2 \ \frac{2}{44} | 19 \(\cdot 0 \) | 12808 | | 9 X 19 | 3Υ23 3Υ21 | 19°Y40 | | 15 II 10 |
| 66S | 7 X 41 7 X 56 | 2 γ 01 1 γ 58 | 18\psi 33 | 11830 10841 | 13 П 37 12 П 13 | 8 X 30 8 X 45 | 2°7'41 2°7'38 | 19 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 11818 | 14 II 23 12 II 57 | 9 X 19 | 3 \ \ \ 21 \ 3 \ \ 18 | 19 \ \gamma 40 | 12847 11855 | 13 Д 10 |
| pc | 8 ¥ 05 | 1Υ57 | 1753 | 10812 | 11 II 18 | 8 X 53 | 2Υ36 | 18Y25 | 10849 | 12 Д 00 | 9×41 | 3Υ16 | 18 Y 57 | 11825 | 12 Д 42 |
| - | | | | ecliptic of | | | | | | | | | i | ļ | |

| | Sid.Tir MC: | | 24m A 11'13 | RMC: 3 | 06°00' | Sid.Tir MC: | | 28m A 9'32 | RMC: 3 | 307°00' | Sid.Tir MC: | | 32m A 88'01 | RMC: 3 | 308°00' |
|------------|--|------------------|-------------------------------------|----------------------------------|--------------------------------|--|--------------------------------|----------------------------------|----------------------------------|----------------------|--|--------------------------------|-------------------------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 4 X 06 | 6 Υ 32 | 8822 | 7 I I46 | 5930 | 5 X 10 | 7 Ƴ 37 | 9823 | 8Ц43 | 6925 | 6 ∺ 13 | 8 Ƴ 42 | 10824 | 9П39 | 7520 |
| 1S | 4 ¥ 10 | 6Υ30 | 8806 | 7Д31 | 5922 | 5 X 13 | 7 Y 35 | 9807 | 8П28 | 6917 | 6 ₩17 | 8 Ƴ 39 | 10808 | 9П24 | 7ණ12 |
| 2S | 4 X 14 | 6Υ28 | 7851 | 7II 17 | 5914 | 5 X 17 | 7Υ32 | 8852 | 8II 13 | 6909 | 6 X 20 | 8Y37 | 9852 | 9Д09 | 7905 |
| 3S 4S | 4 X 17 4 X 21 | 6Υ26 6Υ24 | 7836 7821 | 7П02 6П47 | 5©06 4©58 | 5 X 21 5 X 24 | 7 Y 30 7 Y 28 | 8836 8821 | 7П58 7П43 | 6901 5953 | 6 X 24 6 X 27 | 8 Y 34 8 Y 32 | 9836 9821 | 8П54 8П39 | 6 9 57 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 4 ¥ 25 4 ¥ 29 | 6Υ22 6Υ20 | 7806 6851 | 6Ц32 6Ц17 | 4950 4942 | 5 X 28 5 X 31 | 7 ° 26 7 ° 23 | 8 8 05 7 8 50 | 7П28 7П13 | 5 9 45 | 6 X 31 | 8 Y 29 8 Y 27 | 9805 8850 | 8П24 8П09 | 6 9 41 |
| 7S | 4 X 32 | 6Υ18 | 6836 | 6П03 | 4934 | 5 X 35 | 7Υ21 | 7835 | 6Д58 | 5929 | 6 X 37 | 8Υ24 | 8 8 34 | 7П54 | 6925 |
| 8S | 4 X 36 | 6Υ16 | 6822 | 5П48 | 4926 | 5 X 38 | 7 Υ 19 | 7820 | 6П44 | 5921 | 6 ₩41 | 8 Ƴ 22 | 8819 | 7П39 | 6917 |
| 9S | 4 ¥ 40 | 6Y15 | 6 8 07 | 5Д33 | 4518 | 5 X 42 | 7 Υ 17 | 7 8 06 | 6П29 | 5913 | 6 X 44 | 8 Ƴ 19 | 8804 | 7П24 | 6908 |
| 10S | 4 ¥ 43 | 6Y13 | 5 8 53 | 5П18 | 4910 | 5 X 45 | 7 Υ 15 | 6851 | 6П14 | 5905 | 6 ¥ 48 | 8 Ƴ 17 | 7 8 49 | 7П09 | 6900 |
| 118 | 4 X 47 | 6Υ11 | 5838 | 5П03 | 4901 | 5 X 49 | 7Υ13 | 6836 | 5П59 | 4957 | 6¥51 | 8Υ14 | 7834 | 6П54 | 5952 |
| 12S 13S | 4 X 51 | 6°Y09 | 5824 | 4II 48 | 3 9 5 3 9 4 5 | 5 X 52 | 7 Υ 10 7 Υ 08 | 6821 | 5 II 44 | 45548 | 6 × 54 | 8Υ12 | 7819 | 6П39 | 5 9 44 |
| 14S | 4 X 54 4 X 58 | 6Y07 | 5810 4856 | 4П33 4П18 | 3936 | 5 X 56 6 X 00 | 7Y08 | 6807 5852 | 5П29 5П14 | 49540 49532 | 6 X 58 7 X 01 | 8 Y 10 8 Y 07 | 7804 6849 | 6П24 6П09 | 5933 |
| 15S | | 6Υ04 | 4842 | 4 I 103 | 3928 | 6 X 03 | 7Υ04 | 5 8 38 | 4 I I58 | 4923 | 7 X 05 | 8Y05 | | | 5918 |
| 16S | 5 ¥ 02 5 ¥ 05 | 6Υ02 | 4827 | 3 II 48 | 3928 | 6 X 03 | 7Υ0 4 7Υ02 | 5 8 24 | 4 II 43 | 4923 | 7 X 03 | 8Υ03 8Υ02 | 6834 6820 | 5П53 5П38 | 5910 |
| 17S | 5 X 09 | 6Υ00 | 4813 | 3Д33 | 3910 | 6 × 10 | 7Υ00 | 5809 | 4H28 | 4906 | 7 X 12 | 8Υ00 | 6805 | 5 II 22 | 5901 |
| 18S | 5 ¥ 13 | 5Y58 | 3859 | 3П18 | 3501 | 6 ¥ 14 | 6 Υ 58 | 4855 | 4II12 | 3557 | 7 ∺ 15 | 7 Υ 57 | 5850 | 5П07 | 4952 |
| 198 | 5 ¥ 17 | 5Υ56 | 3845 | 3п02 | 2953 | 6 X 18 | 6 Y 56 | 4840 | 3Д57 | 35648 | 7 X 19 | 7 Υ 55 | 5 8 35 | 4Д51 | 4943 |
| 20S | 5 ¥ 21 | 5 Υ 54 | 3831 | 2П46 | 2943 | 6 ∺ 21 | 6 Υ 53 | 4826 | 3Д41 | 3539 | 7 ¥ 22 | 7 Υ 53 | 5821 | 4Д35 | 4934 |
| 21S | 5 X 25 | 5Υ53 | 3817 | 2Д31 | 2534 | 6 X 25 | 6Υ51 | 4812 | 3 Д 25 | 3530 | 7 X 26 | 7Υ50 | 5806 | 4H19 | 4925 |
| 22S 23S | 5 X 28 5 X 32 | 5Υ51 5Υ49 | 3803 2849 | 2П15 1П59 | 2 9 25 2 9 15 | 6 X 29 6 X 33 | 6Ƴ49 6Ƴ47 | 3857 3843 | 3П09 2П53 | 3520 3511 | 7 X 29 7 X 33 | 7Ƴ48 7Ƴ45 | 4851 4837 | 4П03 3П47 | 49915 49906 |
| 24S | 5 X 36 | 5Υ47 | 2835 | 1 Д 43 | 2906 | 6 X 36 | 6Υ45 | 3828 | 2Д36 | 3501 | 7 X 37 | 7Υ43 | 4822 | 3П30 | 3956 |
| 25S | 5 X 40 | 5 Υ 45 | 2821 | 1П26 | 1956 | 6 X 40 | 6 Υ 43 | 3814 | 2П20 | 2551 | 7 × 40 | 7 Υ 40 | 4807 | 3 Д 13 | 3546 |
| 26S | 5 X 44 | 5Υ43 | 2807 | 1 II 10 | 1936 | 6 X 44 | 6Υ41 | 2859 | 2П20 | 2551 | 7 X 4 4 | 7Υ38 | 3852 | 2Д56 | 3936 |
| 27S | 5 X 49 | 5 Υ 41 | 1852 | 0Д53 | 1936 | 6 ¥ 48 | 6Υ38 | 2845 | 1Д46 | 2531 | 7 ¥ 48 | 7 Ƴ 35 | 3837 | 2Д39 | 3 5 2 6 |
| 28S | 5 X 53 | 5Υ40 | 1838 | 0Д36 | 1925 | 6 ¥ 52 | 6Υ36 | 2830 | 1П29 | 2521 | 7 ¥ 52 | 7Υ33 | 3822 | 2 Д 22 | 3516 |
| 29S | 5 X 57 | 5 Ƴ 38 | 1824 | 0П18 | 19515 | 6 X 56 | 6Υ34 | 2815 | 1Д11 | 2510 | 7 X 56 | 7 Ƴ 30 | 3807 | 2П04 | 3505 |
| 30S | 6 ₩ 01 | 5Υ36 | 1809 | 0Д01 | 1904 | 7 ¥ 00 | 6Υ32 | 2801 | 0Д54 | 1959 | 8 ¥ 00 | 7 Y 28 | 2852 | 1 Д 47 | 2554 |
| 31S 32S | 6 X 06 6 X 10 | 5 ° 34 5 ° 32 | 0855 0840 | 29843 29825 | 0ණ33 0ණ41 | 7 X 05 7 X 09 | 6Ƴ29 6Ƴ27 | 1846 1831 | 0Д36 0Д18 | 1 5 4 8 1 5 3 7 | 8 X 04 8 X 08 | 7 ° 25 7 ° 22 | 2837 2821 | 1П28 1П10 | 2 9 43 2 9 32 |
| 33S | 6 X 10 | 5Υ32 5Υ30 | 0825 | 29807 | 0930 | 7 X 09 | 6Υ27 6Υ25 | 1816 | 29 8 59 | 19937 | 8 X 12 | 7Y22 | 2806 | 0Д51 | 2932 |
| 34S | 6×19 | 5Υ28 | 0811 | 28848 | 0518 | 7 X 18 | 6Υ22 | 1800 | 29840 | 19513 | 8 X 16 | 7Υ17 | 1850 | 0Д32 | 2508 |
| 35S | 6 ∺ 24 | 5Υ26 | 29 Y 56 | 28829 | 0ഇ06 | 7 ∺ 22 | 6 Υ 20 | 0845 | 29821 | 1991 | 8 X 20 | 7 Υ 14 | 1834 | 0П13 | 1956 |
| 36S | 6 ∺ 29 | 5 ℃ 24 | 29 Y 40 | 28810 | 29П53 | 7 ¥ 27 | 6Υ18 | 0829 | 29801 | 0948 | 8 X 25 | 7Υ12 | 1818 | 29853 | 19543 |
| 37S | 6 ★ 33 | 5Υ22 | 29Y25 | 27850 | 29П40 | 7 ∺ 31 | 6Υ15 | 0814 | 28841 | 0935 | 8 X 29 | 7 ⋎ 09 | 1802 | 29833 | 1930 |
| 38S 39S | 6 X 38 | 5Υ20 | 29 Y 10 | 27830 | 29 Д 27 | 7 X 36 | 6Υ13 | 29 Y 58 | 28821 | 0522 | 8 X 34 | 7Y06 | 0846 | 29812 | 19917 |
| | | 5Υ17 | 28Υ54 | 27809 | 29113 | 7 X 41 | 6Υ10 | 29 ℃ 42 | 28800 | 0508 | 8 X 38 | 7Υ03 | 0830 | 28851 | 1993 |
| 40S 41S | 6 X 48 | 5Υ15 5Υ13 | 28 Y 38 28 Y 22 | 26848 26827 | 28 II 58 28 II 44 | 7 X 46 7 X 51 | 6Ƴ08 6Ƴ05 | 29 Y 26 29 Y 09 | 27839 27817 | 29 II 53 29 II 39 | 8 X 43 8 X 48 | 7℃00 6℃57 | 0813 29°756 | 28830 28807 | 0948 0934 |
| 42S | 6 X 59 | 5Υ11 | 28 Y 06 | 26805 | 28П28 | 7 X 56 | 6Υ03 | 28 Y 53 | 26855 | 29 П 23 | 8 X 53 | 6Υ54 | 29Υ39 | 27845 | 0934 |
| 43S | 7 ¥ 05 | 5Υ09 | 27Y50 | 25842 | 28 Д 12 | 8 X 01 | 6 Υ 00 | 28Υ36 | 26832 | 29П07 | 8 X 58 | 6Y51 | 29Y22 | 27822 | 0902 |
| 44S | 7 ∺ 10 | 5 Υ 06 | 27 Ƴ 33 | 25819 | 27П56 | 8 X 07 | 5 Υ 57 | 28Ƴ19 | 26808 | 28П51 | 9 X 03 | 6Υ48 | 29Ƴ04 | 26858 | 29П46 |
| 45S | 7 | 5℃04 | 27 Y 16 | 24855 | 27П39 | 8 X 12 | 5 Υ 55 | 28 Y 01 | 25844 | 28 Д 34 | 9 X 09 | 6Ƴ45 | 28 Y 46 | 26834 | 29П28 |
| 46S | 7 X 22 | 5Υ01 | 26 Y 59 | 24831 | 27 Д 21 | 8 X 18 | 5Υ52 | 27 ° 44 | 25820 | 28 II 16 | 9 X 14 | 6Υ42 | 28Υ28 | 26809 | 29 Д 10 |
| 47S 48S | 7 ¥ 28 7 ¥ 35 | 4Υ59 4Υ56 | 26°41 26°724 | 24806 23840 | 27 II 02 26 II 43 | 8 X 24 8 X 30 | 5Ƴ49 5Ƴ46 | 27 Y 26 27 Y 07 | 24854 24828 | 27 II 57 27 II 37 | 9 X 20 9 X 26 | 6°739 | 28 Y 10 27 Y 51 | 25 8 43 25 8 16 | 28 II 52 28 II 32 |
| 49S | 7 X 41 | 4Υ54 | 26 Y 05 | 23813 | 26 II 22 | 8 X 36 | 5Υ43 | 26°Y49 | 24801 | 27 II 37 27 II 17 | 9 X 32 | 6Υ32 | 27 Y 31 | 24849 | 28 II 11 |
| 50S | 7 | 4Υ51 | 25Ƴ47 | 22846 | 26П01 | 8 × 43 | 5 Υ 40 | 26 Y 30 | 23833 | 26П55 | 9 * 38 | 6℃29 | 27 Y 13 | 24821 | 27П50 |
| 51S | 7 X 5 5 | 4Υ49 | 25Υ28 | 22817 | 25 II 38 | 8 X 49 | 5Υ37 | 26 Y 11 | 23804 | 26 II 32 | 9 X 44 | 6Υ25 | 26°Y 53 | 23852 | 27II 30 |
| 52S | 8 ¥ 02 | 4 Υ 46 | 25 Y 09 | 21848 | 25 Д 14 | 8 X 56 | 5Ƴ34 | 25Ƴ51 | 22835 | 26П08 | 9¥51 | 6 Ƴ 21 | 26 Y 33 | 23821 | 27П02 |
| 53S | 8 X 09 | 4Υ43 | 24 Y 50 | 21818 | 24 11 49 | 9 X 04 | 5Υ30 | 25Υ31 | 22804 | 25 II 43 | 9 X 58 | 6Υ18 | 26 Y 12 | 22850 | 26 Д 37 |
| 548 | 8 X 17 | 4Υ40 | 24Υ30 | 20846 | 24 11 22 | 9 11 | 5 Y 27 | 25 ℃ 10 | 21832 | 25 Д 16 | 10 X 05 | 6Υ14 | 25Υ51 | 22818 | 26 Д 10 |
| 55S | 8 X 25 | 4Υ37 | 24Υ09 | 20814 | 23 Д 53 | 9 X 19 | 5Υ23 | 24°Y49 | 20859 | 24 II 47 | 10 × 12 | 6Υ10 | 25Y29 | 21844 | 25 II 41 |
| 56S 57S | 8 X 34 8 X 42 | 4Υ34 4Υ31 | 23 \(\cdot 48 \) 23 \(\cdot 27 \) | 19840 19805 | 23 II 22 22 II 50 | 9 X 27 9 X 35 | 5Ƴ20 5Ƴ16 | 24 \cdot 28 24 \cdot 06 | 20825 19849 | 24 II 16 23 II 43 | 10 ¥ 20 10 ¥ 28 | 6°406 6°401 | 25 \(\cdot 07 \) 24 \(\cdot 44 \) | 21810 20833 | 25 II 10 24 II 36 |
| 58S | 8 X 51 | 4Υ28 | 23 Y 05 | 18829 | 22 II 14 | 9 X 44 | 5Υ12 | 23 \gamma 43 | 19812 | 23 II 07 | 10 × 36 | 5Υ57 | 24Υ21 | 19856 | 24 II 00 |
| 59S | 9₩01 | 4Υ24 | 22 ° 42 | 17851 | 21 Д 36 | 9 X 53 | 5 Υ 09 | 23 ℃20 | 18834 | 22 П 28 | 10 ¥ 45 | 5Υ53 | 23 Y 57 | 19817 | 23 Д 21 |
| 60S | 9 11 | 4Υ21 | 22 Y 19 | 17811 | 20П53 | 10 ¥ 02 | 5Ƴ04 | 22 Y 56 | 17853 | 21 Д 46 | 10 ¥ 54 | 5Ƴ48 | 23 Y 33 | 18836 | 22П38 |
| 61S | 9 ∺ 21 | 4 Ƴ 17 | 21 Y 55 | 16830 | 20II 07 | 10 ¥ 12 | 5 Υ 00 | 22Ƴ32 | 17811 | 20П59 | 11 X 03 | 5 ℃ 43 | 23 Y 08 | 17853 | 21 Д 51 |
| 62S | 9 ¥ 32 | 4Υ14 | 21 Y 31 | 15847 | 191116 | 10 ¥ 23 | 4Υ56 | 22 Y 07 | 16827 | 20П07 | 11 X 13 | 5Υ38 | 22°42 | 17808 | 20П58 |
| 63S 64S | 9 X 43 9 X 55 | 4Υ10 4Υ06 | 21 \(\cdot 06 \) 20 \(\cdot 40 \) | 15 8 02 14 8 14 | 18 II 18 17 II 13 | 10 X 34 10 X 45 | 4 ° 52 4 ° 47 | 21 \gamma41 21 \gamma14 | 15 8 41 14 8 53 | 19 II 08 18 II 02 | 11 X 24 11 X 35 | 5 ° 33 5 ° 28 | 22 Y 15 21 Y 48 | 16 8 21 15 8 32 | 19П59 18П51 |
| | | | | | | | | | | | | | | | |
| 65S 66S | 10 ¥ 08 10 ¥ 22 | 4 ° 02 3 ° 57 | 20Υ13 19Υ45 | 13825 12832 | 15 II 57 14 II 25 | 10 X 57 11 X 10 | 4Ƴ42 4Ƴ37 | 20 \cdot 46 20 \cdot 18 | 14803 13809 | 16 II 44 15 II 09 | 11 X 46 11 X 59 | 5 ° 22 5 ° 17 | 21 \(\chi_{20} \) | 14841 13846 | 17 II 31 15 II 54 |
| pc | 10 X 22 | 3°757 | 19 \ \frac{43}{19 \ \gamma 30} | 12832 | 14 II 25 13 II 24 | 11 X 10 | 4Υ37 4Υ34 | 20 \cdot 18 \\ 20 \cdot 02 | 12838 | 13 Д 09 | 11 X 39 12 X 06 | 5Υ17 5Υ13 | 20°731 20°734 | 13846 | 13 Д 34 |
| P | 10,7(2) | 2 1 33 | 1 50 | 12002 | | 117,10 | . , 5- | 20 1 02 | 12000 | 1.200 | 127,00 | 0 1 13 | | 15 0 15 | 1.11 |

| | Sid.Tin MC: | | 36m A 6'39 | RMC: 3 | 09°00' | Sid.Tir MC: | | 40m A 5'28 | RMC: 3 | 310°00' | Sid.Tir MC: | ne: 20h4 8≈3 | 44m A 4'27 | RMC: 3 | 311°00' |
|------------|--|--------------------------------|----------------------------------|----------------------------------|----------------------|--|------------------------------|----------------------------------|----------------------------------|----------------------|--|--------------------------------|-------------------------------------|----------------------------------|------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7 X 17 | 9Ƴ47 | 11825 | 10 Д 35 | 8916 | 8 X 21 | 10Y52 | 12826 | 11 Д32 | 9911 | 9¥25 | 11 Y 57 | 13827 | 12 Д 28 | 10න06 |
| 1S | 7 ∺ 21 | 9Υ44 | 11809 | 10耳20 | 8ত08 | 8 X 24 | 10Ƴ49 | 12809 | 11耳16 | 9ഇ03 | 9 X 28 | 11 ℃ 54 | 13810 | 12 II 12 | 9958 |
| 2S | 7 ¥ 24 | 9Ƴ41 | 10853 | 10耳05 | 8900 | 8 X 27 | 10Ƴ46 | 11853 | 11耳01 | 8955 | 9¥31 | 11 Y 50 | 12853 | 11 Д 57 | 9950 |
| 3S | 7 ¥ 27 | 9Υ38 | 10836 | 9Д50 | 7952 | 8 X 31 | 10Υ43 | 11836 | 10П46 | 8947 | 9 X 34 | 11Υ47 | 12836 | 11 Д 42 | 9943 |
| 4S | 7 ∺ 30 | 9Ƴ36 | 10820 | 9П35 | 7ණ44 | 8 X 34 | 10Ƴ39 | 11820 | 10Д31 | 8539 | 9 X 37 | 11 ℃43 | 12819 | 11 Д 27 | 9935 |
| 5S | 7 X 34 | 9Ƴ33 | 10804 | 9П20 | 7ഇ36 | 8 X 37 | 10Ƴ36 | 11804 | 10耳16 | 8931 | 9 X 40 | 11 ℃ 40 | 12803 | 11 I I1 | 9927 |
| 6S | 7 X 37 | 9Υ30 | 9849 | 9п05 | 7928 | 8 X 40 | 10Υ33 | 10848 | 10П01 | 8923 | 9 X 43 | 11Υ36 | 11846 | 10 Д 56 | 9919 |
| 7S 8S | 7 X 40 | 9 ° 27 9 ° 24 | 9833 | 8II 50 | 7920 | 8 X 43 | 10 \gamma 30 10 \gamma 27 | 10832 | 9П45 | 8515 | 9 X 46 9 X 49 | 11 γ 33 | 11830 | 10 II 41 | 9 9 11 |
| 9S | 7 X 43 7 X 47 | 9Υ24 9Υ22 | 9817 9802 | 8П35 8П20 | 7912 7904 | 8 X 46 8 X 49 | 10 \ 27 | 10 8 16 | 9П30 9П15 | 8 9 07 | 9 X 49 | 11 Y 29 11 Y 26 | 11814 10858 | 10 II 26 10 II 11 | 8955 |
| | | 9Υ19 | | | | | | | | | | | | | |
| 10S 11S | 7 X 50 7 X 53 | 9Υ19 9Υ16 | 8847 8831 | 8П05 7П49 | 6956 6947 | 8 X 52 8 X 56 | 10°Y21 10°Y18 | 9844 9829 | 9П00 8П45 | 7951 7943 | 9 X 55 9 X 58 | 11 Y 23 | 10842 10826 | 9П55 9П40 | 8946 8938 |
| 12S | 7 X 56 | 9Υ13 | 8816 | 7Д34 | 6939 | 8 X 59 | 10 γ 15 | 9813 | 8П29 | 7934 | 10 × 01 | 11Υ16 | 10810 | 9П24 | 8930 |
| 13S | 8 X 00 | 9Υ11 | 8801 | 7П19 | 6931 | 9 × 02 | 10Υ12 | 8858 | 8П14 | 7926 | 10 × 04 | 11Υ13 | 9854 | 9П09 | 8922 |
| 14S | 8 X 03 | 9Υ08 | 7 8 46 | 7 I I04 | 6922 | 9 X 05 | 10℃09 | 8842 | 7П59 | 7গু18 | 10 ∺ 07 | 11Υ09 | 9839 | 8Д53 | 89513 |
| 15S | 8 X 06 | 9 Υ 05 | 7 8 31 | 6П48 | 6୭14 | 9 X 08 | 10Y06 | 8827 | 7Д43 | 7909 | 10 X 10 | 11Y06 | 9823 | 8П38 | 8905 |
| 16S | 8 × 10 | 9Υ02 | 7816 | 6Д33 | 6905 | 9×11 | 10 Y 03 | 8811 | 7II 27 | 7901 | 10 × 13 | 11 γ 03 | 9807 | 8П22 | 7956 |
| 17S | 8 X 13 | 9Υ00 | 7801 | 6П17 | 5956 | 9 | 10 Y 00 | 7 8 56 | 7 π 12 | 6952 | 10 ¥ 16 | 10 Ƴ 59 | 8851 | 8П06 | 79547 |
| 18S | 8 X 16 | 8 Y 57 | 6845 | 6Д01 | 5947 | 9 X 18 | 9Υ57 | 7841 | 6Ц56 | 6943 | 10 X 19 | 10Υ56 | 8836 | 7Д50 | 7939 |
| 19S | 8 ¥ 20 | 8 Υ 54 | 6830 | 5Ц45 | 5939 | 9 ∺ 21 | 9Υ54 | 7825 | 6Ц40 | 6934 | 10 ¥ 22 | 10℃53 | 8820 | 7Ц34 | 7930 |
| 20S | 8 ∺ 23 | 8 Υ 52 | 6815 | 5П29 | 5ഇ29 | 9 X 24 | 9Υ51 | 7 8 10 | 6П24 | 6925 | 10 ¥ 25 | 10Ƴ49 | 8804 | 7п18 | 7ණ21 |
| 218 | 8 X 27 | 8Υ49 | 6800 | 5п13 | 5920 | 9 X 27 | 9Υ47 | 6855 | 6П07 | 6916 | 10 ¥ 28 | 10Υ46 | 7849 | 7П01 | 7911 |
| 22S | 8 X 30 | 8°746 | 5845 | 4II 57 | 5911 | 9 X 31 | 9Υ44 08/41 | 6839 | 5 II 5 I | 6906 | 10 × 32 | 10°Y43 | 7833 | 6H45 | 7502 |
| 23S 24S | 8 X 33 8 X 37 | 8 Ƴ 43 8 Ƴ 41 | 5830 5815 | 4 II 40 4 II 24 | 5©01 4©52 | 9 X 34 9 X 37 | 9°41 9°38 | 6824 6808 | 5П34 5П18 | 5957 5947 | 10 ¥ 35 10 ¥ 38 | 10 Y 39 10 Y 36 | 7817 7802 | 6Ц28 6Ц11 | 6953 6943 |
| | | | | | | | | | | | | | | | |
| 25S | 8 X 41 8 X 44 | 8Ƴ38 8Ƴ35 | 5 8 00 4 8 45 | 4II 07 | 4942 4932 | 9 X 41 9 X 44 | 9Υ35 9Υ32 | 5 8 53 | 5П01 4П43 | 5937 5927 | 10 X 41 10 X 44 | 10 Y 33 10 Y 29 | 6846 | 5П54 5П37 | 6933 6923 |
| 26S 27S | 8 X 48 | 8Υ33 | 4829 | 3 II 50 3 II 33 | 4932 | 9 X 44 9 X 48 | 9Υ32 9Υ29 | 5837 5822 | 4 II 43 4 II 26 | 59927 59917 | 10 X 44 10 X 48 | 10 Y 29 10 Y 26 | 6830 6814 | 5Д37 5Д19 | 6923 |
| 28S | 8¥51 | 8Υ29 | 4814 | 3Д15 | 4911 | 9×51 | 9Υ26 | 5806 | 4H08 | 5907 | 10 X 51 | 10 γ 20 | 5858 | 5 II 01 | 6902 |
| 29S | 8 X 55 | 8Υ26 | 3859 | 2П57 | 4901 | 9 X 55 | 9Υ23 | 4850 | 3Д50 | 4956 | 10 ¥ 54 | 10Υ19 | 5842 | 4 I I43 | 5952 |
| 30S | 8 X 59 | 8 Ƴ 24 | 3843 | 2П39 | 3950 | 9 X 58 | 9Υ19 | 4834 | 3 Д 32 | 4945 | 10 ∺ 58 | 10 Y 15 | 5825 | 4П25 | 5 9 41 |
| 31S | 9 × 03 | 8Υ21 | 3827 | 2П21 | 3539 | 10 × 02 | 9Υ16 | 4818 | 3 Д 14 | 4934 | 11 × 01 | 10Υ12 | 5809 | 4II06 | 5930 |
| 32S | 9 X 07 | 8Υ18 | 3812 | 2П02 | 3927 | 10 ¥ 06 | 9Υ13 | 4802 | 2Ц55 | 4923 | 11 X 05 | 10℃08 | 4853 | 3 Д 47 | 5918 |
| 33S | 9¥11 | 8Υ15 | 2856 | 1 Д 44 | 3516 | 10 ¥ 10 | 9Υ10 | 3846 | 2П36 | 4911 | 11 X 09 | 10℃05 | 4836 | 3 Д 28 | 5907 |
| 34S | 9 X 15 | 8 Y 12 | 2840 | 1 П 24 | 3504 | 10 X 13 | 9℃06 | 3830 | 2П16 | 3559 | 11 X 12 | 10 Y 01 | 4819 | 3П08 | 4955 |
| 35S | 9 X 19 | 8 Y 09 | 2824 | 1耳05 | 2951 | 10 X 17 | 9Υ03 | 3813 | 1П56 | 39647 | 11 X 16 | 9Υ57 | 4802 | 2П48 | 49542 |
| 36S | 9 ** 23 | 8Υ06 | 2807 | 0П45 | 2539 | 10 × 21 | 9Υ00 | 2856 | 1П36 | 3534 | 11 X 20 | 9Υ53 | 3845 | 2 Д 28 | 4930 |
| 37S 38S | 9 × 27 9 × 32 | 8 ° 03 7 ° 59 | 1851 1834 | 0П24 0П03 | 2525 | 10 ¥ 25 10 ¥ 30 | 8 Y 56 8 Y 53 | 2839 2822 | 1П16 0П55 | 3521 | 11 X 24 11 X 28 | 9 Y 50 9 Y 46 | 3828 3810 | 2 II 07 1 II 46 | 4503 4503 |
| 39S | 9 X 36 | 7 Y 56 | 1817 | 29842 | 1958 | 10 × 34 | 8Υ49 | 2805 | 0Д33 | 2953 | 11 X 32 | 9Υ42 | 2853 | 1 Д 40 | 3949 |
| 40S | 9 X 41 | 7Υ53 | 1800 | 29820 | 19944 | 10 X 38 | 8Υ45 | 1848 | 0Д11 | 2539 | 11 X 36 | 9Υ38 | 2835 | 1 11 02 | 3935 |
| 41S | 9 X 45 | 7 Y 50 | 0843 | 28858 | 19944 | 10 X 38 | 8Υ42 | 1830 | 29848 | 2939 | 11 X 30 | 9Υ34 | 2817 | 0Д39 | 3933 |
| 42S | 9 X 50 | 7Υ46 | 0826 | 28835 | 1913 | 10 X 47 | 8Υ38 | 1812 | 29825 | 2509 | 11 X 44 | 9Υ30 | 1859 | 0Д35 | 3904 |
| 43S | 9¥55 | 7Υ43 | 0808 | 28812 | 0ഇ57 | 10 ¥ 52 | 8Υ34 | 0854 | 29802 | 1953 | 11 X 49 | 9Υ26 | 1840 | 29852 | 2548 |
| 44S | 10 ¥ 00 | 7 Ƴ 39 | 29 Y 50 | 27848 | 0941 | 10 ∺ 57 | 8 Y 30 | 0 8 35 | 28837 | 1936 | 11 ¥ 53 | 9 Υ 21 | 1821 | 29827 | 2531 |
| 45S | 10 X 05 | 7 Y 36 | 29 Ƴ 32 | 27823 | 0ഇ24 | 11 X 01 | 8 Y 27 | 0817 | 28812 | 19519 | 11 X 58 | 9 Υ 17 | 1802 | 29802 | 2514 |
| 46S | 10 ¥ 10 | 7 Y 32 | 29Υ13 | 26858 | 0ණ05 | 11 X 06 | 8Υ23 | 29Υ58 | 27847 | 1991 | 12 ¥ 03 | 9Υ13 | 0842 | 28836 | 1956 |
| | 10 X 16 | 7 ° 29 | 28 Y 54 | 26831 | 29П47 | 11 X 12 | 8Υ18 | 29Υ38 | 27820 | 0942 | 12 × 08 | 9Υ08 | 0822 | 28809 | 1937 |
| 485 | 10 ¥ 21 | 7Y25 | 28 Y 35 | 26805 | 29П27 | 11 X 17 | 8Y14 | 29 Y 19 28 Y 58 | 26853 | 0922 | 12 X 13 | 9 Y 04 | 0802 | 27841 | 19917 |
| | 10 × 27 | 7 ° 21 | 28Y15 | 25837 | 291106 | 11 × 22 | 8Υ10 | | 26825 | 0501 | 12 X 18 | 8Υ59 | 29 ℃ 42 | 27813 | 0956 |
| 50S | 10 × 33 | 7Υ17 | 27 Y 55 | 25808 | 28 11 44 | 11 X 28 | 8Y06 | 28 Y 38 | 25856 | 29 Д 39 | 12 ¥ 23 | 8 Y 54 | 29Y21 | 26843 | 0934 |
| 51S 52S | 10 \times 39 10 \times 45 | 7Ƴ13 7Ƴ09 | 27 ° 35 27 ° 14 | 24839 24808 | 28 II 21 27 II 57 | 11 X 34 11 X 40 | 8 Y 01 7 Y 57 | 28 ° 17 27 ° 56 | 25 8 26 24 8 55 | 29 II 16 28 II 52 | 12 ¥ 29 12 ¥ 34 | 8 Ƴ 49 8 Ƴ 44 | 28 \(\cdot 59 \) 28 \(\cdot 38 \) | 26 8 13 25 8 42 | 0 © 11 29∏47 |
| | 10 X 43 | 7Υ05 | 26 Y 53 | 23836 | 27 II 37 | 11 X 46 | 7 Y 52 | 27Υ34 | 24823 | 28 II 26 | 12 X 34 12 X 40 | 8Υ39 | 28 Y 15 | 25809 | 29П47 |
| 54S | 10 X 59 | 7Υ00 | 26Y31 | 23804 | 27П04 | 11 X 53 | 7Υ47 | 27Υ12 | 23849 | 27 Д 58 | 12 X 47 | 8Υ34 | 27Y53 | 24835 | 28П53 |
| 55S | 11 X 06 | 6Y56 | 26Y09 | 22830 | 26П35 | 11 X 59 | 7°Y42 | 26Ƴ49 | 23815 | 27П29 | 12 X 53 | 8Y28 | 27 Y 29 | 24800 | 28П23 |
| | 11 X 13 | 6Υ51 | 25°47 | 21854 | 26 II 03 | 12 × 06 | 7Y37 | 26Υ26 | 22839 | 26II 57 | 13 × 00 | 8Υ23 | 27Y05 | 23824 | 27II 52 |
| 57S | 11 X 21 | 6Ƴ47 | 25℃23 | 21818 | 25 II 30 | 12 X 14 | 7 Ƴ 32 | 26Ƴ02 | 22802 | 26П24 | 13 ¥ 06 | 8 Y 17 | 26Ƴ41 | 22846 | 27П18 |
| | 11 × 29 | 6Υ42 | 24Υ59 | 20839 | 24П53 | 12 X 21 | 7Υ26 | 25Υ38 | 21823 | 25 Д 47 | 13 ¥ 14 | 8Υ11 | 26Υ16 | 22806 | 26П41 |
| | 11 X 37 | 6 Ƴ 37 | 24Ƴ35 | 19859 | 24П14 | 12 X 29 | 7 ℃ 21 | 25 ℃ 13 | 20842 | 25П07 | 13 ∺ 21 | 8 Y 05 | 25℃50 | 21825 | 26П01 |
| 60S | 11 X 46 | 6 Ƴ 32 | 24 Ƴ 10 | 19818 | 23 Д 31 | 12 ∺ 37 | 7 Υ 15 | 24Ƴ47 | 20800 | 24П23 | 13 ∺ 29 | 7 Υ 59 | 25Ƴ24 | 20842 | 25 II 17 |
| | 11 X 55 | 6Υ26 | 23 Y 44 | 18834 | 22 Д 43 | 12 X 46 | 7Υ09 | 24Y20 | 19816 | 23 Д 35 | 13 ¥ 37 | 7Υ52 | 24Y57 | 19857 | 24П28 |
| | 12 × 04 | 6Υ21 | 23Υ18 | 17849 | 21 11 50 | 12 X 55 | 7Y03 | 23 Y 53 | 18829 | 22 11 41 | 13 X 46 | 7945 | 24Υ29 24Υ200 | 19810 | 23 Д 33 |
| 63S 64S | 12 ¥ 14 12 ¥ 25 | 6Υ15 6Υ09 | 22 \gamma 50 22 \gamma 22 | 17801 16811 | 20 II 49 19 II 40 | 13 X 04 13 X 14 | 6°757 6°750 | 23 \cdot 25 22 \cdot 56 | 17841 16850 | 21 II 40 20 II 30 | 13 ¥ 55 14 ¥ 04 | 7 Y 38 7 Y 31 | 24\gamma00 23\gamma30 | 18 8 21 17 8 29 | 22 II 32 21 II 20 |
| | | | | | | l . | | | | | | | | | |
| 65S 66S | 12 ¥ 36 12 ¥ 47 | 6°403 5°456 | 21 \gamma 53 21 \gamma 23 | 15 8 19 14 8 23 | 18II 19 16II 38 | 13 ¥ 25 13 ¥ 36 | 6°743 | 22 \cdot 26 21 \cdot 56 | 15 8 56 15 8 00 | 19 II 07 17 II 23 | 14 X 14 14 X 25 | 7°23 7°15 | 23 \(\cdot 00 \) 22 \(\cdot 28 \) | 16 8 34 15 8 37 | 19耳55 18耳08 |
| | 14 # 4/ | 2 1 20 | 41 1 23 | 14023 | 10Д38 | 12 77 20 | 0.1.30 | 21 1 30 | 12000 | | 14代23 | / 113 | 44 1 48 | 1203/ | |
| pc | 12 X 54 | 5Υ52 | 21 Y 06 | 13851 | 15耳30 | 13 X 43 | 6Υ32 | 21 Y 38 | 14827 | 16耳12 | 14 × 31 | 7Υ11 | 22Y10 | 15803 | 16耳54 |

| | Sid.Tir MC: | | 48m A 3'37 | RMC: 3 | 12°00' | Sid.Tir MC: | | 52m A 32'57 | RMC: 3 | 313°00' | Sid.Tir MC: | | 56m A 32'28 | RMC: 3 | 314°00' |
|------------|--|----------------------------------|----------------------------------|-------------------------------|--------------------------------|--|----------------------------------|----------------------------------|----------------------------------|--------------------------------|--|-----------------------------------|----------------------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 10 X 29 | 13 ℃ 02 | 14827 | 13 Д 24 | 11©02 | 11 X 34 | 14Ƴ07 | 15827 | 14п19 | 11957 | 12 X 38 | 15 ℃ 12 | 16827 | 15 Д 15 | 12553 |
| 1S | 10 ¥ 32 | 12Ƴ58 | 14810 | 13П08 | 10ഇ54 | 11 X 36 | 14Ƴ03 | 15810 | 14 I I04 | 115649 | 12 X 41 | 15Ƴ07 | 16810 | 15 I I00 | 12945 |
| 2S | 10 X 35 | 12°754 | 13853 | 12 Д 53 | 10546 | 11 X 39 | 13Υ59 | 14852 | 13 Д 49 | 119541 | 12 X 43 | 15Υ03 | 15852 | 14 11 44 | 12937 |
| 3S 4S | 10 × 38 10 × 41 | 12 Υ 51 12 Υ 47 | 13 8 35 13 8 19 | 12 II 38 12 II 22 | 10©38 10©30 | 11 X 42 11 X 45 | 13 Y 54 13 Y 50 | 14 8 35 14 8 18 | 13 II 33 13 II 18 | 11©34 11©26 | 12 X 46 12 X 48 | 14 Y 58 14 Y 54 | 15 8 34 15 8 17 | 14 II 29 14 II 13 | 12©29 12©21 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 10 ¥ 44 10 ¥ 46 | 12 ° 43 12 ° 39 | 13 8 02 12 8 45 | 12 II 07 11 II 52 | 10ණ22 10ණ14 | 11 X 47 11 X 50 | 13 Y 46 13 Y 42 | 14 8 01 13 8 44 | 13 П 03 12 П 47 | 11©18 11©10 | 12 X 51 12 X 53 | 14 Y 50 14 Y 45 | 14 8 59 14 8 42 | 13 II 58 13 II 43 | 12©13 12©06 |
| 7S | 10 X 49 | 12 Y 36 | 12828 | 11 Д 36 | 10906 | 11 X 53 | 13 Y 38 | 13827 | 12 Д 32 | 11902 | 12 X 56 | 14Υ41 | 14825 | 13 Д 27 | 11958 |
| 8S | 10 ∺ 52 | 12Ƴ32 | 12812 | 11П21 | 9958 | 11 X 55 | 13Ƴ34 | 13810 | 12П16 | 10554 | 12 X 58 | 14Ƴ37 | 14808 | 13 Д 12 | 11550 |
| 9S | 10 ¥ 55 | 12Ƴ28 | 11856 | 11 I I06 | 9950 | 11 X 58 | 13Ƴ30 | 12853 | 12П01 | 10546 | 13 ¥ 01 | 14Ƴ32 | 13851 | 12П56 | 115542 |
| 10S | 10 ∺ 58 | 12Ƴ25 | 11839 | 10П50 | 9942 | 12 X 01 | 13Ƴ26 | 12837 | 11Д46 | 10538 | 13 ¥ 03 | 14Ƴ28 | 13834 | 12П41 | 11533 |
| 118 | 11 X 01 | 12°21 | 11823 | 10П35 | 9934 | 12 × 03 | 13Υ22 | 12820 | 11 Д 30 | 10530 | 13 ¥ 06 | 14Υ24 | 13817 | 12 Д 25 | 11925 |
| 12S 13S | 11 ¥ 03 11 ¥ 06 | 12 ° 17 12 ° 14 | 11807 10851 | 10 II 19 10 II 04 | 9 © 26 9 © 17 | 12 ¥ 06 12 ¥ 09 | 13 Y 19 13 Y 15 | 12804 11847 | 11 Д 14 10 Д 59 | 10©21 10©13 | 13 X 09 13 X 11 | 14 Y 20 14 Y 15 | 13800 12844 | 12 II 09 11 II 54 | 11©17 11©09 |
| 14S | 11 X 09 | 12 Υ 14 12 Υ 10 | 10835 | 9П48 | 9909 | 12 X 11 | 13 Υ 13 13 Υ 11 | 11831 | 10 Д 37 | 10905 | 13 X 14 | 14Υ11 | 12827 | 11 II 34 11 II 38 | 11500 |
| 15S | 11 X 12 | 12 Y 06 | 10819 | 9П32 | 9900 | 12 X 14 | 13 ℃ 07 | 11815 | 10 Д 27 | 9956 | 13 ¥ 16 | 14 ℃ 07 | 12810 | 11 Д22 | 10ණ2 |
| 16S | 11 X 15 | 12 Y 03 | 10803 | 9П17 | 8952 | 12 X 17 | 13 Υ 07 13 Υ 03 | 10858 | 10 II 27 | 99947 | 13 X 19 | 14 Y 07 | 11854 | 11 II 06 | 10932 |
| 17S | 11 | 11Ƴ59 | 9847 | 9П01 | 8943 | 12 X 19 | 12 Y 59 | 10842 | 9П55 | 9539 | 13 X 21 | 13 ℃ 59 | 11837 | 10耳50 | 10ഇ35 |
| 18S | 11 X 21 | 11Υ56 | 9831 | 8П45 | 8934 | 12 ¥ 22 | 12°55 | 10826 | 9Д39 | 9930 | 13 ¥ 24 | 13 Y 54 | 11821 | 10 Д 33 | 10926 |
| 19S | 11 X 24 | 11Υ52 | 9815 | 8П28 | 8925 | 12 X 25 | 12Υ51 | 10810 | 9П23 | 9521 | 13 × 27 | 13 ℃ 50 | 11804 | 10П17 | 10917 |
| 20S 21S | 11 ¥ 26 11 ¥ 29 | 11 ° 48 11 ° 45 | 8 8 59 8 8 43 | 8П12 7П56 | 8©16 8©07 | 12 ¥ 28 12 ¥ 31 | 12 ° 47 12 ° 43 | 9 8 53 | 9П06 8П50 | 9 © 12 | 13 ¥ 29 13 ¥ 32 | 13 \ \ 46 13 \ \ 42 | 10848 | 10 II 00 9 II 44 | 10©08 9©59 |
| 21S 22S | 11 X 29 | 11 \ \gamma 45 | 8843 8827 | 7Д36 7Д39 | 7958 | 12 X 31 12 X 33 | $12^{\circ}43$ $12^{\circ}39$ | 9837 | 8Д30 8Д33 | 8953 | 13 X 32 13 X 35 | 13 \ \gamma 42 \\ 13 \ \gamma 38 | 10 8 31 10 8 14 | 9Д44 | 9939 |
| 23S | 11 ∺ 35 | 11 ° 37 | 8811 | 7П22 | 79548 | 12 X 36 | 12Ƴ35 | 9804 | 8п16 | 8944 | 13 X 37 | 13 Y 33 | 9858 | 9п10 | 9540 |
| 24S | 11 ¥ 38 | 11Ƴ34 | 7 8 55 | 7 I I 05 | 7939 | 12 X 39 | 12Ƴ31 | 8848 | 7П59 | 8934 | 13 ¥ 40 | 13℃29 | 9841 | 8П52 | 9930 |
| 25S | 11 ∺ 42 | 11Ƴ30 | 7 8 39 | 6 I I48 | 7ණ29 | 12 X 42 | 12Ƴ27 | 8831 | 7П41 | 8925 | 13 ¥ 43 | 13 ℃ 25 | 9824 | 8Д35 | 9521 |
| 26S | 11 × 45 | 11Υ26 | 7822 | 6П30 | 7919 | 12 X 45 | 12Υ23 | 8815 | 7П24 | 8515 | 13 X 45 | 13 Υ 20 | 9807 | 8п17 | 9511 |
| 27S 28S | 11 X 48 11 X 51 | 11 Y 23 | 7806 6850 | 6П12 5П55 | 7 ඉ 09 6 ඉ 58 | 12 ¥ 48 12 ¥ 51 | 12 Y 19 12 Y 15 | 7858 7841 | 7П06 6П48 | 8504 7554 | 13 X 48 13 X 51 | 13 Y 16 13 Y 12 | 8850 8833 | 7Д59 7Д41 | 9 © 00 |
| 29S | 11 X 54 | 11 γ 15 | 6833 | 5Д36 | 6938 6947 | 12 X 54 | 12 γ 13 12 γ 11 | 7824 | 6П29 | 7934 | 13 X 54 | 13 Y 12 | 8 8 33 | 7 Д 22 | 8939 |
| 30S | 11 X 58 | 11 Y 11 | 6816 | 5П18 | 6937 | 12 X 57 | 12 Y 07 | 7 8 08 | 6П11 | 7532 | 13 X 57 | 13 Y 03 | 7 8 59 | 7П03 | 8928 |
| 31S | 12 X 01 | 11 ° 07 | 6800 | 4II 59 | 6925 | 13 × 00 | 12 Y 07 | 6850 | 5 II 52 | 7932 | 14 × 00 | 12 Y 58 | 7841 | 6 I I44 | 8917 |
| 32S | 12 ¥ 04 | 11 ℃ 03 | 5 8 43 | 4 I I40 | 6୭14 | 13 ¥ 04 | 11 ⋎ 59 | 6 8 33 | 5Д32 | 7গু10 | 14 ∺ 03 | 12 Ƴ 54 | 7 8 24 | 6П25 | 8©06 |
| 33S | 12 ¥ 08 | 10Υ59 | 5826 | 4II 20 | 6902 | 13 × 07 | 11 Υ 54 | 6816 | 5II 13 | 6958 | 14 × 06 | 12°°49 | 7806 | 6H05 | 7954 |
| 34S | 12 + 11 | 10 ℃ 55 | 5809 | 4 I I00 | 5950 | 13 X 10 | 11Υ50 | 5858 | 4II53 | 6946 | 14¥09 | 12 ℃ 44 | 6848 | 5II45 | 79542 |
| 35S 36S | 12 X 15 12 X 18 | 10 Y 51 10 Y 47 | 4852 4834 | 3 II 40 3 II 20 | 5938 5925 | 13 X 13 13 X 17 | 11 Ƴ 46 11 Ƴ 41 | 5841 5823 | 4Д32 4Д11 | 6934 6921 | 14 X 12 14 X 15 | 12 Y 40 12 Y 35 | 6830 6812 | 5П24 5П03 | 7 9 30 7 9 17 |
| 30S 37S | 12 X 18 | 10 Y 47 10 Y 43 | 4816 | 2II 59 | 5923 5912 | 13 X 17 | 11 Y 41 | 5805 | 3Д50 | 6908 | 14 X 13 | 12 Y 33 | 5853 | 4 II 42 | 7904 |
| | | 10℃39 | | 2П37 | | | 11Υ32 | 4847 | | | 14 X 22 | | 5835 | | 6950 |
| 39S | 12 ∺ 30 | 10Ƴ35 | 3841 | 2П15 | 4945 | 13 ¥ 27 | 11℃28 | 4828 | 3П06 | 5940 | 14 ¥ 25 | 12 Y 20 | 5816 | 3П57 | 6936 |
| 40S | 12 ∺ 33 | 10Ƴ30 | 3822 | 1 II 53 | 4930 | 13 ∺ 31 | 11Ƴ23 | 4810 | 2П43 | 5926 | 14 X 29 | 12 Ƴ 15 | 4857 | 3Д34 | 6922 |
| 41S | 12 × 37 | 10Υ26 | 3804 | 1П29 | 4915 | 13 ¥ 35 | 11Υ18 | 3851 | 2Д20 | 5911 | 14 ¥ 33 | 12Υ10 | 4837 | 3П11 | 6907 |
| 42S 43S | 12 X 42 12 X 46 | 10 ° 22 10 ° 17 | 2845 2826 | 1П06 0П42 | 4 ඉ 00 3 ඉ 44 | 13 X 39 13 X 43 | 11 Y 13 11 Y 08 | 3831 3812 | 1Д56 1Д32 | 4956 4940 | 14 ¥ 36 14 ¥ 40 | 12 \(\psi 05 \) 12 \(\psi 00 \) | 4818 3858 | 2П47 2П22 | 5 9 52 |
| 44S | 12 X 40 | 10 Y 17 | 2807 | 0Д42 0Д17 | 3927 | 13 X 47 | 11 Y 03 | 2852 | 1Д32 | 4923 | 14 X 44 | 11 Y 54 | 3 8 38 | 1 II 56 | 5@19 |
| 45S | 12 X 54 | 10Y08 | 1847 | 29851 | 3ഇ10 | 13 X 51 | 10°758 | 2832 | 0П41 | 4905 | 14 X 48 | 11 ° 49 | 3817 | 1 ш 30 | 5901 |
| 46S | 12 X 59 | 10 Y 03 | 1827 | 29825 | 2951 | 13 X 55 | 10 Y 53 | 2812 | 0п14 | 3947 | 14 X 52 | 11 γ 43 | 2856 | 1 п 03 | 4943 |
| 47S | 13 ★ 04 | 9Υ58 | 1807 | 28858 | 2532 | 14 ¥ 00 | 10℃48 | 1851 | 29846 | 3528 | 14 € 56 | 11Υ38 | 2835 | 0Д35 | 4924 |
| 48S | 13 ¥ 08 | 9Υ53 9Υ48 | 0846 | 28830 | 2512 | 14 × 04 | 10 ° 42 10 ° 37 | 1830 | 29818 | 3508 | 15 ¥ 00 | 11 Y 32 | 2813 | 0П07 29 В 37 | 4904 |
| 49S | 13 X 13 | 9 ° 48 | 0825 | 28801 | 1952 | 14 × 09 | | 1808 | 28849 | 2947 | 15 ¥ 05 | 11 726 | 1851 | | 3543 |
| 50S 51S | 13 ¥ 18 13 ¥ 24 | 9 ° 43 9 ° 37 | 0803 29Ƴ42 | 27831 27800 | 1 5 2 9 1 5 0 6 | 14 X 14 14 X 19 | 10 Y 31 10 Y 25 | 0846 0824 | 28 8 19 27 8 48 | 2 9 25 2 9 02 | 15 ¥ 09 15 ¥ 14 | 11 Y 20 11 Y 14 | 1829 1806 | 29807 28835 | 3 9 21 |
| 52S | 13 X 24 | 9Υ37 9Υ32 | 29 Y 42 29 Y 19 | 26828 | 0 9 0 9 42 | 14 X 19 | 10 \ 23 | 0824 0801 | 27815 | 1937 | 15 X 14 | 11 Y 14 | 0843 | 28802 | 2937 |
| 53S | 13 ¥ 35 | 9Υ26 | 28 Y 56 | 25855 | 0ഇ16 | 14 ¥ 29 | 10 ℃ 13 | 29Ƴ38 | 26842 | 19311 | 15 ¥ 24 | 11 Y 01 | 0819 | 27828 | 2506 |
| 54S | 13 ¥ 41 | 9℃21 | 28Ƴ33 | 25821 | 29П48 | 14 ¥ 35 | 10℃07 | 29Ƴ14 | 26807 | 0ഇ43 | 15 ¥ 29 | 10℃54 | 29Ƴ54 | 26853 | 1938 |
| 55S | 13 ¥ 47 | 9Υ15 | 28Ƴ09 | 24846 | 29П18 | 14 X 40 | 10℃01 | 28Ƴ49 | 25831 | 0ഇ13 | 15 ★ 34 | 10 ℃ 47 | 29Ƴ29 | 26816 | 1908 |
| 56S | 13 X 53 | 9Υ08 | 27°45 | 24809 | 28II 46 | 14 X 46 | 9Υ54 9Υ47 | 28 ° 24 | 24853 | 29 Д 41 | 15 × 40 | 10°Y40 | 29 ° 04 28 ° 37 | 25838 | 0936 |
| 57S 58S | 13 ¥ 59 14 ¥ 06 | 9 ⋎ 02 8 ⋎ 56 | 27 Y 20 26 Y 54 | 23 8 30 22 8 50 | 28 II 12 27 II 35 | 14 X 53 14 X 59 | 9 ° 47 9 ° 40 | 27 Y 59 27 Y 32 | 24814 23834 | 29 II 07 28 II 29 | 15 ¥ 46 15 ¥ 52 | 10 \gamma 32 10 \gamma 25 | 28°737 28°710 | 24859 24817 | 0©02 29∏24 |
| 59S | 14 X 13 | 8Υ49 | 26Υ28 | 22808 | 26II55 | 15 × 06 | 9Υ33 | 27Υ05 | 22851 | 27 II 49 | 15 X 58 | 10 Y 23 | 27Υ43 | 23834 | 28 II 43 |
| 60S | 14¥21 | 8 Ƴ 42 | 26 Y 01 | 21824 | 26П10 | 15 X 13 | 9 Υ 26 | 26 Y 37 | 22807 | 27П04 | 16 ¥ 05 | 10 Y 09 | 27Ƴ14 | 22849 | 27II58 |
| 61S | 14¥29 | 8Y35 | 25 Y 33 | 20839 | 25 II 21 | 15 × 20 | 9Υ18 | 26Y09 | 21820 | 26 Д 14 | 16 X 12 | 10Y01 | 26°Y45 | 22802 | 27П08 |
| 62S | 14 × 37 | 8Υ28 | 25 ℃ 04 | 19851 | 241126 | 15 ¥ 28 | 9Υ10 | 25 ℃ 40 | 20831 | 25 Д 18 | 16¥19 | 9Υ52 | 26Υ15 | 21812 | 26II12 |
| 63S | 14 X 45 | 8Υ20 8Υ12 | 24 Y 35 | 19800 | 23 II 23 | 15 ¥ 36 | 9Y01 | 25Υ09 24Υ38 | 19840 | 24 П 15 | 16 ¥ 26 | 9Υ43 9Υ34 | 25°°44 | 20820 | 25 Π 07 |
| 64S | 14 X 54 | 8Υ12 | 24 Y 04 | 18808 | 22 II 10 | 15 X 44 | 8Υ53 | 24 Y 38 | 18846 | 23 11 01 | 16 × 34 | 9Υ34 0₩24 | 25°712 | 19825 | 23 11 52 |
| 65S 66S | 15 ¥ 04 15 ¥ 14 | 8 ° 04 7 ° 55 | 23 \gamma 33 23 \gamma 00 | 17812 16814 | 20 II 43 18 II 53 | 15 ¥ 53 16 ¥ 03 | 8 ° 44 8 ° 34 | 24 \cdot 06 23 \cdot 33 | 17850 16850 | 21 Д32 19 Д39 | 16 \times 43 16 \times 52 | 9 ° 24 9 ° 14 | 24Ƴ39 24Ƴ05 | 18 8 28 17 8 27 | 22 II 22 20 II 25 |
| pc | 15 X 14 | 7Υ50 | 23 Y 00 22 Y 42 | 15839 | 17 II 35 | 16 X 08 | 8Υ29 | 23 Y 14 | 16816 | 18日17 | 16 X 57 | 9Υ08 | 24 T 03 | 16851 | 18II 59 |
| Calcula | | | | | | | | | | | /// | - , 00 | | | 13237 |

| | Sid.Tir MC: | | 00m A 32'09 | RMC: 3 | 15°00' | Sid.Tir MC: | | 04m A 32'01 | RMC: 3 | 316°00' | Sid.Tir MC: | | 08m A 32'04 | RMC: 3 | 17°00' |
|------------|--|-----------------------------------|--------------------|----------------------|--------------------------------|--|-----------------------------------|----------------------------------|----------------------------------|----------------------|--|--------------------------------------|----------------------------------|----------------------------------|-------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 13 ¥ 43 | 16 Υ 16 | 17827 | 16П11 | 13548 | 14 X 47 | 17Ƴ21 | 18827 | 17Ц06 | 145644 | 15 X 52 | 18 Ƴ 25 | 19827 | 18п02 | 15940 |
| 1S | 13 ¥ 45 | 16 Y 12 | 17809 | 15 II 55 | 13ഇ40 | 14 ∺ 50 | 17Ƴ16 | 18809 | 16耳51 | 14936 | 15 X 54 | 18Ƴ20 | 19808 | 17Ⅱ46 | 15932 |
| 2S | 13 × 47 | 16℃07 | 16851 | 15 II 40 | 13@33 | 14 × 52 | 17Υ11 | 17850 | 16耳35 | 14528 | 15 X 56 | 18Υ14 | 18849 | 17 I I31 | 15524 |
| 3S 4S | 13 X 50 13 X 52 | 16 \(\psi 02 \) 15 \(\psi 57 \) | 16 8 33 | 15 II 24 15 II 09 | 13©25 13©17 | 14 X 54 14 X 56 | 17 ⋎ 06 17 ⋎ 01 | 17832 17814 | 16 II 20 16 II 04 | 14©21 14©13 | 15 ¥ 58 16 ¥ 00 | 18 Y 09 18 Y 04 | 18 8 31 | 17II15 17II00 | 15©16 15©09 |
| - 1 | | | | | | | | | | | | | | | |
| 5S 6S | 13 ¥ 55 13 ¥ 57 | 15 Y 53 | 15 8 58 | 14II 53 14II 38 | 13©09 13©01 | 14 X 59 15 X 01 | 16 Υ 56 16 Υ 51 | 16 8 56 | 15 П 49 15 П 33 | 14©05 13©57 | 16 ¥ 02 16 ¥ 05 | 17 \(\cdot 59 \) 17 \(\cdot 53 \) | 17854 17836 | 16 II 44 16 II 28 | 15©01 14©53 |
| 7S | 13 X 59 | 15 Υ 43 | 15823 | 14 II 22 | 12953 | 15 × 03 | 16 Y 46 | 16821 | 15 II 18 | 13937 | 16 × 07 | 17 Y 48 | 17818 | 16 II 13 | 14935 |
| 8S | 14 ∺ 02 | 15Ƴ39 | 15805 | 14 I I07 | 12945 | 15 X 05 | 16Ƴ41 | 16803 | 15II02 | 135641 | 16 X 09 | 17Ƴ43 | 17800 | 15Ⅲ57 | 14937 |
| 9S | 14 ¥ 04 | 15Ƴ34 | 14848 | 13П51 | 12537 | 15 ∺ 07 | 16Ƴ36 | 15846 | 14П46 | 13533 | 16¥11 | 17Ƴ38 | 16843 | 15∏41 | 14529 |
| 10S | 14 ∺ 07 | 15 Ƴ 30 | 14831 | 13 Д 36 | 12529 | 15 ¥ 10 | 16Ƴ31 | 15828 | 14Д31 | 13525 | 16 X 13 | 17 Ƴ 33 | 16825 | 15 Д 26 | 14921 |
| 118 | 14 × 09 | 15Υ25 | 14814 | 13 Д 20 | 12521 | 15 X 12 | 16 ° 27 | 15811 | 14 Д 15 | 13517 | 16 X 15 | 17Y28 | 16807 | 15 Д 10 | 14913 |
| 12S 13S | 14 ¥ 11 14 ¥ 14 | 15 Y 21 15 Y 16 | 13857 13840 | 13 II 04 12 II 48 | 12©13 12©05 | 15 X 14 15 X 16 | 16 Y 22 16 Y 17 | 14 8 53 14 8 36 | 13 Д 59 13 Д 43 | 13©09 13©01 | 16 X 17 16 X 19 | 17 Y 23 | 15 8 50 15 8 32 | 14 II 54 14 II 38 | 14©05 13©57 |
| 14S | 14 X 16 | 15 Υ 10 15 Υ 12 | 13823 | 12 II 48 12 II 32 | 11956 | 15 X 19 | 16 Y 17 | 14819 | 13 II 43 | 12552 | 16 X 21 | 17 Υ 13 | 15815 | 14 II 22 | 13937 |
| 15S | 14 X 18 | 15 ° 07 | 13806 | 12 Д 16 | 115548 | 15 X 21 | 16 ° 07 | 14802 | 13 I I11 | 12544 | 16¥23 | 17 ° 07 | 14857 | 14П06 | 13940 |
| 16S | 14 X 18 | 15 Y 07 | 12849 | 12 II 10 12 II 00 | 119948 | 15 X 21 | 16 Y 07 | 13845 | 12 Д 55 | 12935 | 16 X 25 | 17 Y 07 | 14840 | 13 II 49 | 13931 |
| 17S | 14 X 23 | 14Y58 | 12832 | 11 Д 44 | 11931 | 15 × 25 | 15 Y 58 | 13827 | 12 Д 38 | 12527 | 16 X 27 | 16°°57 | 14822 | 13 Д 33 | 13523 |
| 18S | 14¥26 | 14 Y 54 | 12816 | 11 Д 28 | 11522 | 15 ¥ 28 | 15 ℃ 53 | 13810 | 12 Д 22 | 12518 | 16 ∺ 30 | 16Y52 | 14805 | 13 Д 16 | 13514 |
| 19S | 14 ∺ 28 | 14Ƴ49 | 11859 | 11П11 | 115613 | 15 ∺ 30 | 15Ƴ48 | 12853 | 12П05 | 12509 | 16 ¥ 32 | 16Ƴ47 | 13847 | 13 Д 00 | 13505 |
| 20S | 14¥31 | 14°745 | 11842 | 10П54 | 11504 | 15 ¥ 32 | 15 ℃ 43 | 12836 | 11 Д 49 | 12500 | 16 × 34 | 16°Y42 | 13830 | 12 Д 43 | 12556 |
| 21S 22S | 14 ¥ 33 14 ¥ 36 | 14 Y 40 14 Y 36 | 11825 11808 | 10 II 38 10 II 21 | 10ඉ55 10ඉ45 | 15 ¥ 35 15 ¥ 37 | 15 ° 39 15 ° 34 | 12 8 19 12 8 01 | 11 II 32 11 II 15 | 11©51 11©42 | 16 ¥ 36 16 ¥ 38 | 16 \cdot 37 \\ 16 \cdot 32 | 13 8 12 12 8 55 | 12 II 26 12 II 08 | 12 9 47 |
| 22S 23S | 14 X 38 | 14 Y 30 | 10851 | 10 Д 21 | 10943 | 15 X 37 | 15 ¥ 34 15 ¥ 29 | 11844 | 10 Д 57 | 119942 | 16 X 38 | 16 Y 32 | 12837 | 11 Д 51 | 12938 |
| 24S | 14 X 41 | 14Y27 | 10834 | 9П46 | 10536 | 15 × 42 | 15 Y 24 | 11827 | 10Д37 | 11523 | 16 × 43 | 16 Y 22 | 12819 | 11 Д33 | 12526 |
| 25S | 14 X 43 | 14Y22 | 10817 | 9П28 | 10ഇ17 | 15 X 44 | 15Ƴ19 | 11809 | 10П22 | 115613 | 16¥45 | 16Y16 | 12802 | 11 Д 15 | 12509 |
| 26S | 14 X 46 | 14Y17 | 9859 | 9П10 | 10507 | 15 X 47 | 15Υ14 | 10852 | 10 Д 04 | 11503 | 16 × 47 | 16Y11 | 11844 | 10 Д 57 | 11959 |
| 27S | 14 X 49 | 14 ℃ 13 | 9842 | 8П52 | 9956 | 15 X 49 | 15Ƴ09 | 10834 | 9П46 | 10ഇ53 | 16 ¥ 49 | 16 Y 06 | 11826 | 10П39 | 115649 |
| 288 | 14 X 51 | 14°08 | 9825 | 8II34 | 9546 | 15 X 52 | 15Υ04 | 10816 | 9П27 | 10942 | 16 X 52 | 16°°01 | 11808 | 10 11 20 | 11539 |
| 29S | 14 X 54 | 14Υ03 | 9807 | 8П15 | 9935 | 15 X 54 | 14 7 5 9 | 9858 | 9П08 | 10532 | 16 × 54 | 15Υ55 | 10850 | 10П01 | 11528 |
| 30S 31S | 14 ¥ 57 15 ¥ 00 | 13 \gamma 58 | 8850 8832 | 7П56 7П37 | 9 © 25 | 15 X 57 15 X 59 | 14 Υ 54 14 Υ 49 | 9840 9822 | 8П49 8П30 | 10©21 10©10 | 16 X 57 16 X 59 | 15 Y 50 15 Y 44 | 10 8 31 | 9П42 9П22 | 11©17 11©06 |
| 32S | 15 X 00 | 13 Y 34 13 Y 49 | 8814 | 7Д37 7Д17 | 9902 | 16 × 02 | 14 Y 49 14 Y 44 | 9804 | 8H10 | 9958 | 10 X 39 | 15 Y 44 15 Y 39 | 9854 | 9П02 | 10955 |
| 33S | 15 × 05 | 13Υ44 | 7856 | 6II57 | 8950 | 16 × 05 | 14Υ39 | 8846 | 7Д50 | 9947 | 17 × 04 | 15 Y 33 | 9836 | 8II42 | 10543 |
| 34S | 15 ∺ 08 | 13Ƴ39 | 7 8 38 | 6Ц37 | 8938 | 16 ∺ 07 | 14Ƴ33 | 8827 | 7П29 | 9935 | 17 ∺ 06 | 15℃28 | 9817 | 8П21 | 10ഇ31 |
| 35S | 15 | 13 ℃ 34 | 7819 | 6П16 | 8গু26 | 16 ∺ 10 | 14Ƴ28 | 8808 | 7П08 | 9522 | 17 ∺ 09 | 15℃22 | 8 8 57 | 8 I 100 | 10ഇ19 |
| 36S | 15 ¥ 14 | 13℃29 | 7801 | 5Д55 | 8513 | 16 X 13 | 14℃23 | 7849 | 6П47 | 9510 | 17 X 12 | 15 Υ 16 | 8838 | 7П39 | 10506 |
| 37S 38S | 15 X 17 | 13 ° 24 13 ° 18 | 6842 6823 | 5II 33 | 8500 | 16 × 16 | 14 Υ 17 14 Υ 12 | 7830 | 6П25 6П02 | 8556 | 17 X 14 17 X 17 | 15 7 11 | 8 8 19 7 8 59 | 7П17 6П54 | 9 © 53 |
| 39S | 15 X 24 | 13 Y 18 | 6804 | 5П11 4П48 | 7947 7933 | 16 X 19 16 X 22 | 14 Y 12 | 7811 6851 | 5 П 40 | 8929 | 17 X 17 | 14 Y 59 | 7 8 39 | 6Д31 | 9939 |
| 40S | 15 X 27 | 13 Y 08 | 5844 | 4Π25 | 7 © 18 | 16 X 25 | 14Y00 | 6831 | 5 п 16 | 8914 | 17 X 23 | 14Υ53 | 7818 | 6П07 | 9511 |
| 40S 41S | 15 X 27 | 13 Y 08 | 5824 | 4H23 | 7903 | 16 X 28 | 14 Y 00 13 Y 54 | 6811 | 4Π52 | 8900 | 17 X 25 | 14 Y 35 | 6858 | 5 П 43 | 8956 |
| 42S | 15 X 34 | 12Y57 | 5804 | 3Д37 | 6948 | 16 × 31 | 13 ℃ 48 | 5851 | 4П27 | 79544 | 17 × 29 | 14 Y 40 | 6837 | 5П18 | 8940 |
| 43S | 15 ∺ 37 | 12 Y 51 | 4844 | 3 Д 12 | 6932 | 16 ∺ 34 | 13℃42 | 5830 | 4 I 102 | 7ഇ28 | 17 ∺ 32 | 14 Y 34 | 6816 | 4II52 | 8গু24 |
| 44S | 15 ₩ 41 | 12Ƴ45 | 4823 | 2П46 | 6915 | 16 ¥ 38 | 13Ƴ36 | 5809 | 3П36 | 79311 | 17 | 14℃27 | 5 8 54 | 4П26 | 8508 |
| 45S | 15 × 44 | 12°°40 | 4802 | 2П20 | 5957 | 16¥41 | 13 Y 30 | 4847 | 3П09 | 6954 | 17 ∺ 38 | 14Y21 | 5832 | 3Д59 | 7950 |
| 46S | 15 X 48 15 X 52 | 12 Y 34 | 3841 | 1 II 52 | 5939 | 16 × 45 | 13 \cdot 24 | 4826 | 2Π42 2Π13 | 6935 | 17¥41 | 14 Y 14 14 Y 07 | 5810 | 3 II 31 | 7 9 32 |
| 47S 48S | 15 X 52 | 12 ° 27 12 ° 21 | 3819 2857 | 1П24 0П55 | 5 ඉ 20 5 ඉ 00 | 16 X 48 16 X 52 | 13 Y 17 13 Y 11 | 4803 3841 | 2П13 1П44 | 6916 5956 | 17 X 45 17 X 48 | 14 \(\psi \) 07 \\ 14 \(\psi \) 00 | 4848 4824 | 3 II 02 2 II 33 | 6952 |
| 49S | 16 × 00 | 12 Y 21 | 2835 | 0П25 | 4939 | 16 × 56 | 13 Y 04 | 3818 | 1 Д 14 | 5935 | 17 X 52 | 13 Y 53 | 4801 | 2П02 | 6931 |
| 50S | 16¥05 | 12Y08 | 2812 | 29854 | 4 ණ 1 7 | 17 ¥ 00 | 12 Υ 57 | 2854 | 0П42 | 59513 | 17¥55 | 13 Y 45 | 3837 | 1П30 | 6909 |
| 51S | 16¥09 | 12℃02 | 1848 | 29822 | 3953 | 17 ∺ 04 | 12 Y 50 | 2830 | 0П10 | 49 | 17 X 59 | 13 ℃ 38 | 3812 | 0Д57 | 5946 |
| 52S | 16 | 11Υ55 | 1824 | 28849 | 3528 | 17 ¥ 08 | 12 ℃ 42 | 2806 | 29836 | 4524 | 18 ¥ 03 | 13 Υ 30 | 2847 | 0П23 | 5@21 |
| 53S | 16 X 18 | 11°748 | 1800 | 28815 | 3502 | 17 X 13 | 12Y35 | 1841 | 29801 | 3558 | 18 X 07 | 13 Y 22 | 2822 | 29848 | 4954 |
| 54S | 16¥23 | 11Υ41 | 0835 | 27839 | 2534 | 17 × 17 | 12 ° 27 | 1815 | 28825 | 3530 | 18 X 12 | 13Υ14 | 1856 | 29811 | 4926 |
| 55S | 16 ¥ 28 16 ¥ 33 | 11Υ33 11Υ25 | 0809 29°43 | 27802 26823 | 2504 | 17 ¥ 22 17 ¥ 27 | 12 Y 19 12 Y 11 | 0849 0822 | 27848 27808 | 3500 | 18 ¥ 16 | 13 \(\psi 05 \) 12 \(\psi 57 \) | 1829 | 28 8 33 27 8 53 | 3 9 5 6 3 9 2 3 |
| 56S 57S | 16 X 33 | 11 Y 23 | 29°°43 29°°16 | 25843 | 1 ණ 32 0 ණ 5 7 | 17 X 27 17 X 32 | $12^{\circ}11$ $12^{\circ}03$ | 29 Y 55 | 26827 | 2©27 1©52 | 18 ¥ 20 18 ¥ 25 | 12 \(\gamma \) 12 \(\gamma \) 48 | 1802 0834 | 27812 | 2948 |
| 58S | 16 X 44 | 11Υ09 | 28 Y 49 | 25801 | 0519 | 17 × 37 | 11 Y 54 | 29 Y 27 | 25845 | 1932 | 18 × 30 | 12 Y 39 | 0805 | 26829 | 2510 |
| 59S | 16 ¥ 50 | 11 Y 01 | 28 Y 20 | 24817 | 29П38 | 17 ¥ 43 | 11Ƴ45 | 28Ƴ58 | 25800 | 0ഇ33 | 18 ∺ 35 | 12 Y 29 | 29 Ƴ 35 | 25843 | 1 5 2 8 |
| 60S | 16 ¥ 57 | 10 Υ 52 | 27 Y 51 | 23831 | 28П52 | 17 X 49 | 11Ƴ36 | 28Ƴ28 | 24814 | 29П47 | 18 ∺ 41 | 12 Y 19 | 29 Y 05 | 24856 | 0942 |
| 61S | 17 ∺ 03 | 10Ƴ43 | 27 Y 21 | 22843 | 28П02 | 17 X 55 | 11Ƴ26 | 27 Ƴ 57 | 23825 | 28П56 | 18 ¥ 46 | 12 Y 09 | 28 Y 33 | 24806 | 29П51 |
| 62S | 17 × 10 | 10°734 | 26 Y 50 | 21853 | 27II 05 | 18 × 01 | 11Υ16 | 27Υ26 | 22833 | 27 Д 59 | 18 X 52 | 11 γ 59 | 28Y01 | 23814 | 28II 53 |
| 63S 64S | 17 ¥ 17 17 ¥ 24 | 10°25 10°15 | 26 Y 19 25 Y 46 | 21800 20804 | 26 II 00 24 II 44 | 18 X 08 18 X 15 | 11 \(\psi 06 \) 10 \(\psi 56 \) | 26 \gamma 53 26 \gamma 20 | 21840 20843 | 26 II 53 25 II 36 | 18 ¥ 58 19 ¥ 05 | 11 Y 48 11 Y 36 | 27 Y 28 26 Y 54 | 22819 21822 | 27 Д47 26 Д29 |
| - 1 | | | | | | | | | | | | | | | |
| 65S 66S | 17 ★ 32 | 10 ° 04 9 ° 53 | 25Υ12 24Υ37 | 19805 18804 | 23 II 11 21 II 11 | 18 ¥ 22 18 ¥ 30 | 10 ° 44 10 ° 33 | 25 \ \cdot 45 25 \ \cdot 10 | 19843 18840 | 24 II 02 21 II 57 | 19 X 12 19 X 19 | 11 Y 25 | 26 ° 18 25 ° 42 | 20821 19817 | 24 Π 52 22 Π 44 |
| pc | 17 X 41 | 9Υ47 | 24 Y 37 | 17827 | 19П40 | 18 X 34 | 10 Y 33 | 24 \gamma 49 | 18803 | 20 II 22 | 19 X 19 | 11 Y 12 | 25 Y 21 | 18839 | 21 II 04 |
| Calcula | | | | | | | | | | | 1 - 1 1 2 3 | 1 - 1 00 | | 1. 3.7 | |

| | Sid.Tir MC: | | 12m A 32'18 | RMC: 3 | 18°00' | Sid.Tir MC: | | 16m A 32'42 | RMC: 3 | 319°00' | Sid.Tii MC: | ne: 21h2 17≈ | 20m A 33'18 | RMC: 3 | 20°00' |
|------------|--|----------------------------------|--------------------|----------------------|--------------------|--|-----------------------------------|----------------------------------|----------------------------------|--------------------------------|--|-------------------------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 16 ¥ 57 | 19Ƴ30 | 20826 | 18П57 | 16935 | 18 X 02 | 20 Y 34 | 21825 | 19П53 | 17931 | 19 X 07 | 21 ℃ 38 | 22824 | 20П48 | 18527 |
| 1S | 16 X 59 | 19 ° 24 | 20807 | 18 II 42 | 16528 | 18 × 04 | 20Υ28 | 21806 | 19Д37 | 17524 | 19 × 08 | 21 Υ 32 | 22805 | 20 II 32 | 18520 |
| 2S 3S | 17 ¥ 01 17 ¥ 03 | 19 Υ 18 19 Υ 13 | 19848 19829 | 18 II 26 18 II 10 | 16©20 16©12 | 18 ¥ 05 18 ¥ 07 | 20°722 20°716 | 20847 20828 | 19П21 19П06 | 17©16 17©08 | 19 ¥ 10 19 ¥ 12 | 21 Y 25 21 Y 19 | 21845 21826 | 20 II 17 20 II 01 | 18©12 18©05 |
| 4S | 17 × 05 | 19 ° 07 | 19811 | 17II 55 | 16905 | 18 × 09 | 20Υ10 | 20809 | 18耳50 | 17900 | 19 X 13 | 21 γ 13 | 21807 | 19 Д 45 | 17957 |
| 5S | 17 | 19Ƴ01 | 18852 | 17П39 | 15@57 | 18 X 11 | 20 Y 04 | 19850 | 18П34 | 16953 | 19 X 15 | 21 7 07 | 20848 | 19П30 | 17:549 |
| 6S | 17 × 08 | 18 Y 56 | 18834 | 17II 24 | 15949 | 18 X 12 | 19Υ58 | 19832 | 18П19 | 16945 | 19 X 16 | 21 γ01 | 20829 | 19П14 | 175641 |
| 7S | 17 | 18 Y 51 | 18816 | 17 I I08 | 15941 | 18 | 19 Ƴ 53 | 19813 | 18耳03 | 16537 | 19 ¥ 18 | 20 Y 55 | 20811 | 18耳58 | 17534 |
| 8S | 17 X 12 | 18 Y 45 | 17858 | 16П52 | 15933 | 18 X 16 | 19Υ47 | 18855 | 17П47 | 16529 | 19 ¥ 20 | 20Υ49 | 19852 | 18 Д 42 | 17526 |
| 9S | 17 | 18Ƴ40 | 17840 | 16 I I36 | 15925 | 18 ¥ 18 | 19Ƴ41 | 18837 | 17П31 | 16522 | 19 ¥ 21 | 20℃43 | 19833 | 18П26 | 179518 |
| 10S | 17 × 16 | 18 № 34 | 17822 | 16 11 21 | 15917 | 18 X 19 | 19Υ36 | 18818 | 17II 15 | 16514 | 19 ¥ 23 | 20Υ37 | 19815 | 18日10 | 17510 |
| 11S 12S | 17 ¥ 18 17 ¥ 20 | 18 Y 29 18 Y 23 | 17804 16846 | 16II 05 15II 49 | 15©09 15©01 | 18 ¥ 21 18 ¥ 23 | 19 \gamma 30 19 \gamma 24 | 18 8 00 17 8 42 | 16П59 16П43 | 16©05 15©57 | 19 ** 24 19 ** 26 | 20 \gamma 31 \\ 20 \gamma 25 | 18 8 57 | 17 II 54 17 II 38 | 17©02 16©54 |
| 13S | 17 X 22 | 18 Y 18 | 16828 | 15 II 33 | 14953 | 18 X 25 | 19 γ 24 | 17824 | 16 Д 27 | 15937 | 19 X 28 | 20 γ 23 20 γ 19 | 18820 | 17 II 38 | 16934 |
| 14S | 17 X 24 | 18 Y 13 | 16810 | 15 Д 16 | 14945 | 18 X 27 | 19Υ13 | 17806 | 16П11 | 159541 | 19 X 29 | 20Υ13 | 18802 | 17П06 | 16937 |
| 15S | 17 X 26 | 18Ƴ07 | 15853 | 15П00 | 14936 | 18 ∺ 28 | 19 Y 07 | 16848 | 15 Д 55 | 15933 | 19 | 20Y07 | 17843 | 16 II 49 | 16929 |
| 16S | 17 ∺ 28 | 18℃02 | 15835 | 14Ⅱ44 | 14528 | 18 ∺ 30 | 19 Y 02 | 16830 | 15Д38 | 15©24 | 19 X 33 | 20Y01 | 17825 | 16耳33 | 16921 |
| 17S | 17 ∺ 30 | 17Ƴ57 | 15817 | 14 I I27 | 14919 | 18 ∺ 32 | 18 Y 56 | 16812 | 15Ⅲ22 | 15915 | 19 ∺ 34 | 19 Y 55 | 17807 | 16耳16 | 16512 |
| 188 | 17 × 32 | 17Υ51 | 14859 | 14 II 11 | 14510 | 18 X 34 | 18Υ50 | 15854 | 15 II 05 | 15507 | 19 X 36 | 19Υ49 | 16848 | 15 II 59 | 16503 |
| 198 | 17 × 34 | 17 Υ 46 | 14842 | 13 11 54 | 14502 | 18 ¥ 35 | 18°Y45 | 15836 | 14 11 48 | 14958 | 19 + 37 | 19 ℃ 44 | 16830 | 15 II 42 | 15955 |
| 20S 21S | 17 ¥ 36 17 ¥ 38 | 17 ° 41 17 ° 35 | 14824 14806 | 13 II 37 13 II 20 | 13©53 13©43 | 18 ¥ 37 18 ¥ 39 | 18 \(\cdot 39 \) | 15 8 18 | 14 II 31 14 II 14 | 14549 14540 | 19 X 39 19 X 41 | 19 \gamma 38 | 16 8 12 | 15 П 25 15 П 08 | 15©46 15©37 |
| 21S 22S | 17 X 38 | 17 Y 33 | 13848 | 13 II 20 13 II 02 | 13934 | 18 X 39 | 18 Y 33 | 14842 | 13 Д 56 | 14931 | 19 X 41 | 19 Y 32 | 15835 | 13 II 08 14 II 50 | 15937 |
| 23S | 17 × 42 | 17Y24 | 13830 | 12 II 45 | 13525 | 18 X 43 | 18Y22 | 14823 | 13 Д 39 | 14521 | 19 X 44 | 19Υ20 | 15816 | 14 Д 32 | 15518 |
| 24S | 17 | 17Ƴ19 | 13812 | 12П27 | 13©15 | 18 × 45 | 18 Y 16 | 14805 | 13Д21 | 14512 | 19 ¥ 46 | 19Ƴ14 | 14858 | 14П14 | 15©09 |
| 25S | 17 ∺ 46 | 17 ⋎ 13 | 12854 | 12П09 | 13506 | 18 ± 47 | 18 Y 11 | 13847 | 13 Д 03 | 14902 | 19 X 48 | 19 ⋎ 07 | 14839 | 13 Д 56 | 14959 |
| 26S | 17 ∺ 48 | 17Ƴ08 | 12836 | 11Д51 | 12©56 | 18 ∺ 49 | 18 Y 05 | 13828 | 12П44 | 13552 | 19 X 49 | 19 Y 01 | 14820 | 13 Д 38 | 145649 |
| 27S | 17 × 50 | 17 ° 02 | 12818 | 11 II 32 | 12545 | 18 X 51 | 17°59 | 13810 | 12 Д 26 | 135642 | 19 X 51 | 18 Y 55 | 14801 | 13 II 19 | 14539 |
| 28S 29S | 17 ¥ 52 17 ¥ 54 | 16 Y 57 16 Y 51 | 11859 11841 | 11 II 13 10 II 54 | 12 9 35 | 18 X 53 18 X 55 | 17\dagger53 | 12 8 51 12 8 32 | 12П07 11П47 | 13©32 13©21 | 19 X 53 19 X 55 | 18 \(\cdot 49 \) 18 \(\cdot 43 \) | 13842 13823 | 13 II 00 12 II 41 | 14©29 14©18 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 17 ¥ 57 17 ¥ 59 | 16 ° 45 16 ° 40 | 11822 11803 | 10II35 10II15 | 12©14 12©03 | 18 X 57 18 X 59 | 17°Y41 | 12 8 13 11 8 54 | 11 II 28 11 II 08 | 13©10 12©59 | 19 X 57 19 X 59 | 18 \(\gamma 36 \) | 13 8 04 12 8 44 | 12П21 12П01 | 14©07 13©56 |
| 32S | 18 X 01 | 16 Y 34 | 10844 | 9П55 | 11951 | 19 × 01 | 17Y29 | 11835 | 10耳48 | 12548 | 20 × 00 | 18Y24 | 12825 | 11 II 40 | 13945 |
| 33S | 18 ∺ 03 | 16Ƴ28 | 10825 | 9П35 | 11940 | 19 ∺ 03 | 17 Y 23 | 11815 | 10 Д27 | 12536 | 20 X 02 | 18 Ƴ 17 | 12805 | 11 Д20 | 13533 |
| 348 | 18 ¥ 06 | 16℃22 | 10806 | 9П14 | 11528 | 19 ¥ 05 | 17℃16 | 10856 | 10П06 | 12524 | 20 ¥ 04 | 18Ƴ11 | 11845 | 10П58 | 13521 |
| 35S | 18 ∺ 08 | 16Υ16 | 9847 | 8II52 | 11515 | 19 ∺ 07 | 17 Y 10 | 10836 | 9П44 | 12512 | 20 ¥ 06 | 18Ƴ04 | 11825 | 10Д37 | 13509 |
| 36S | 18 X 11 18 X 13 | 16 Υ 10 16 Υ 04 | 9827 9807 | 8II31 8II08 | 11©03 10©50 | 19 X 09 19 X 12 | 17\cdot\04 | 10 8 16 9 8 55 | 9П22 9П00 | 11559 | 20 ¥ 08 20 ¥ 10 | 17 Y 57 | 11804 | 10П15 9П52 | 12©56 12©43 |
| 37S 38S | 18 X 16 | 15 Y 58 | 8847 | 7П45 | 10936 | 19 X 12 | 16 7 57 | 9835 | 9Д00 | 11933 | 20 X 10 | 17 Y 30 | 10844 10823 | 9Д32 | 12943 |
| 39S | 18 X 18 | 15 Y 51 | 8826 | 7II 22 | 10522 | 19 X 16 | 16°Y44 | 9814 | 8Д13 | 115519 | 20 X 15 | 17 Y 37 | 10802 | 9П05 | 12516 |
| 40S | 18 ∺ 21 | 15Ƴ45 | 8806 | 6П58 | 10ഇ08 | 19 X 19 | 16 Y 37 | 8 8 53 | 7П49 | 11905 | 20 X 17 | 17 Y 29 | 9840 | 8Д41 | 12502 |
| 41S | 18 X 23 | 15Ƴ38 | 7845 | 6П34 | 9ഇ53 | 19 X 21 | 16 Y 30 | 8831 | 7П25 | 10950 | 20 X 19 | 17 Y 22 | 9818 | 8П16 | 119347 |
| 42S | 18 ¥ 26 | 15Ƴ32 | 7823 | 6П09 | 9537 | 19 ★ 24 | 16Y23 | 8810 | 6П59 | 10534 | 20 X 21 | 17℃15 | 8856 | 7Д50 | 11531 |
| 43S | 18 ** 29 | 15Υ25 | 7802 | 5 II 43 | 9521 | 19 ** 26 | 16 7 16 | 7848 | 6Д33 | 10518 | 20 × 24 | 17Υ07 | 8834 | 7П24 | 119515 |
| 44S | 18 ¥ 32 | 15 Υ 18 | 6840 | 5 I 16 | 9504 | 19 ** 29 | 16Υ09 | 7825 | 6П06 | 10001 | 20 × 26 | 17Υ00 | 8811 | 6 I I56 | 10558 |
| 45S 46S | 18 ¥ 35 18 ¥ 38 | 15 Υ 11 15 Υ 04 | 6817 5855 | 4П49 4П21 | 8 ବ୍ୟ ମ 8 ବ୍ୟ ଅ | 19 ¥ 32 19 ¥ 35 | 16 \(\psi 01 \) | 7803 6839 | 5Д39 5Д10 | 9 9 44 9 9 25 | 20 \(\pm 29\) 20 \(\pm 31\) | 16 \gamma 52 | 7848 7824 | 6Ц29 6Ц00 | 10©41 10©22 |
| 40S 47S | 18 X 41 | 13 Y 04 14 Y 57 | 5 8 32 | 3 II 51 | 8909 | 19 X 33 | 15 Y 34 15 Y 46 | 6816 | 3 <u>ш</u> 10 4 <u>щ</u> 41 | 9906 | 20 X 31 20 X 34 | 16 Y 44 16 Y 36 | 7800 | 5Д30 | 10922 |
| 48S | 18 | 14℃49 | 5 8 08 | 3П21 | 7549 | 19 X 40 | 15 Y 38 | 5852 | 4 I I10 | 8946 | 20 X 37 | 16 Y 28 | 6835 | 4П59 | 9543 |
| 49S | 18 ∺ 48 | 14Ƴ41 | 4844 | 2II50 | 7ණ28 | 19 ∺ 43 | 15 Y 30 | 5827 | 3П39 | 8925 | 20 X 39 | 16 Y 19 | 6810 | 4 I I28 | 9522 |
| 50S | 18 ¥ 51 | 14Ƴ34 | 4820 | 2П18 | 7906 | 19 X 47 | 15 ℃ 22 | 5802 | 3П06 | 8503 | 20 ¥ 42 | 16 Y 10 | 5845 | 3Д55 | 9500 |
| 51S | 18 X 55 | 14Y26 | 3855 | 1П45 | 6942 | 19 ¥ 50 | 15°°14 | 4837 | 2Д33 | 7939 | 20 × 45 | 16 701 | 5819 | 3 Д21 | 8536 |
| 52S 53S | 18 ¥ 58 19 ¥ 02 | 14 Υ 17 14 Υ 09 | 3829 3803 | 1П11 0П35 | 6917 5951 | 19 X 53 19 X 57 | 15 \(\psi 05 \) 14 \(\psi 56 \) | 4811 3844 | 1Д58 1Д22 | 7514 6547 | 20 X 48 20 X 51 | 15 \gamma 52 15 \gamma 43 | 4852 4825 | 2Ц45 2Ц08 | 8511 7544 |
| 54S | 19 X 02 | 14 Y 09 | 2836 | 29 8 58 | 5922 | 20 ± 00 | 14 Y 30 | 3844 3817 | 0 Д 44 | 69319 | 20 X 51 20 X 55 | 15 Y 43 | 3857 | 1耳30 | 79344 |
| 55S | 19 X 10 | 13 Y 51 | 2809 | 29819 | 4952 | 20 × 04 | 14 Y 37 | 2849 | 0П05 | 59549 | 20 × 58 | 15 ℃ 24 | 3829 | 0П50 | 6946 |
| 56S | 19 X 14 | 13 Y 42 | 1841 | 28839 | 4920 | 20 × 08 | 14Υ28 | 2820 | 29824 | 5916 | 21 X 01 | 15 γ 13 | 3800 | 0П09 | 6913 |
| 57S | 19 ∺ 18 | 13Ƴ33 | 1812 | 27856 | 3944 | 20 X 12 | 14 Y 18 | 1851 | 28841 | 49541 | 21 X 05 | 15℃03 | 2830 | 29826 | 5938 |
| 588 | 19 ¥ 23 | 13 Y 23 | 0843 | 27812 | 3506 | 20 X 16 | 14Υ08 | 1821 | 27856 | 4902 | 21 × 09 | 14Υ52 | 1859 | 28840 | 4959 |
| 59S | 19 X 28 | 13Υ13 | 0813 | 26827 | 2524 | 20 X 20 | 13Υ57 | 0850 | 27810 | 3520 | 21 × 13 | 14Υ41 | 1827 | 27853 | 4917 |
| 60S | 19 X 33 | 13Υ03 | 29Υ41 | 25838 | 1938 | 20 ¥ 25 | 13°Y46 | 0818 | 26821 | 2534 | 21 X 17 | 14°29 | 0855 | 27803 | 3530 |
| 61S 62S | 19 ¥ 38 19 ¥ 43 | 12 Υ 52 12 Υ 41 | 29 Y 10 28 Y 37 | 24848 23855 | 0946 29 II 48 | 20 ± 30 20 ± 35 | 13 Υ 35 13 Υ 23 | 29 \cdot 46 29 \cdot 12 | 25 8 30 24 8 36 | 1 5 4 2 0 5 4 3 | 21 ¥ 21 21 ¥ 26 | 14 Y 17 14 Y 05 | 0822 29°47 | 26 8 11 25 8 16 | 2 5 38 |
| 63S | 19 X 49 | 12 Y 41 12 Y 29 | 28Υ03 | 22859 | 28 II 41 | 20 X 33 | 13 γ 23 | 28 Y 37 | 23839 | 29 Д 36 | 21 X 20 | 13 Y 52 | $29^{\circ}147$ | 24819 | 0931 |
| 64S | 19 ¥ 55 | 12 Y 17 | 27 Y 28 | 22800 | 27П22 | 20 X 45 | 12 Y 58 | 28 Y 01 | 22839 | 28П15 | 21 X 36 | 13 Y 39 | 28 Y 35 | 23818 | 29П10 |
| 65S | 20 ¥ 01 | 12 Y 05 | 26 Y 51 | 20858 | 25 II 44 | 20 X 51 | 12 ° 45 | 27Ƴ24 | 21836 | 26П36 | 21 X 41 | 13 ℃ 25 | 27 Y 57 | 22814 | 27П28 |
| 66S | 20 X 08 | 11 Y 52 | 26 Y 14 | 19853 | 23 П 32 | 20 X 57 | 12Υ31 | 26 Y 46 | 20829 | 24 Д 20 | 21 X 46 | 13 Y 11 | 27 Y 18 | 21806 | 25 Д 09 |
| pc | 20 X 12 | 11 ℃ 44 | 25 ⋎ 53 | 19815 | 21 Д 45 | 21 X 01 | 12Υ23 | 26℃24 | 19850 | 22 Д 27 | 21 X 50 | 13 ℃ 02 | 26 Y 56 | 20826 | 23 Д 08 |

| | Sid.Tir MC: | | 24m A 34'04 | RMC: 3 | 21°00' | Sid.Tir MC: | | 28m A 35'02 | RMC: 3 | 322°00' | Sid.Tii MC: | ne: 21h: 20≈ | 32m A 36'10 | RMC: 3 | 323°00' |
|------------|--|------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|------------------------------------|--------------------------------|--|------------------------------|----------------------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 20 X 12 | 22 Y 42 | 23823 | 21 Д 43 | 19©24 | 21 X 17 | 23 Y 46 | 24821 | 22Ц39 | 20ഇ20 | 22 X 22 | 24 Y 49 | 25820 | 23 Д34 | 21516 |
| 1S | 20 X 13 20 X 15 | 22 \gamma 35 22 \gamma 29 | 23 8 03 22 8 44 | 21 II 28 21 II 12 | 19©16 19©08 | 21 × 18 21 × 20 | 23 \gamma 39 23 \gamma 32 | 24802 23842 | 22 II 23 22 II 07 | 20s12 20s05 | 22 ¥ 23 22 ¥ 24 | 24 \cdot 42 24 \cdot 35 | 25 8 00 24 8 40 | 23 II 18 23 II 02 | 21©09 21©01 |
| 2S 3S | 20 X 15 | 22 Y 29 22 Y 22 | 22824 | 20 Д 56 | 19500 | 21 X 20 21 X 21 | 23 Y 32 23 Y 25 | 23822 | 21 II 51 | 19957 | 22 X 24 22 X 26 | 24 Y 33 | 24820 | 23 II 02 22 II 46 | 20954 |
| 4S | 20 X 18 | 22 Y 16 | 22805 | 20 Д 40 | 18953 | 21 X 22 | 23 Y 18 | 23803 | 21 Д35 | 19\$50 | 22 X 27 | 24Y21 | 24800 | 22 Д 31 | 20546 |
| 5S | 20 X 19 | 22 Y 09 | 21846 | 20П25 | 18945 | 21 X 23 | 23 Y 12 | 22843 | 21 Д20 | 19542 | 22 ¥ 28 | 24 Y 14 | 23841 | 22 Ц 15 | 20ഇ38 |
| 6S | 20 X 21 | 22Υ03 | 21827 | 20П09 | 18538 | 21 X 25 | 23 Y 05 | 22824 | 21 Д04 | 19534 | 22 X 29 | 24Y07 | 23821 | 21 Д 59 | 20531 |
| 7S 8S | 20 \(\frac{1}{2}\)22 20 \(\frac{1}{2}\)23 | 21 Y 57 21 Y 50 | 21808 20849 | 19Д53 19Д37 | 18 © 30 | 21 ¥ 26 21 ¥ 27 | 22 \gamma 59 22 \gamma 52 | 22805 21846 | 20 II 48 20 II 32 | 19 © 26 | 22 ¥ 30 22 ¥ 31 | 24 Y 00 23 Y 53 | 23802 22842 | 21 II 43 21 II 27 | 20©23 20©15 |
| 9S | 20 X 25 | 21 Y 30 21 Y 44 | 20849 | 19Д37 | 18922 | 21 X 27 21 X 29 | 22 Y 45 | 21840 | 20 II 32 20 II 16 | 19511 | 22 X 31 22 X 32 | 23 Y 47 | 22823 | 21 II 27 21 II 11 | 20508 |
| 108 | 20 X 26 | 21 Y 38 | 20811 | 19П05 | 18506 | 21 ¥ 30 | 22 Y 39 | 21808 | 20П00 | 19503 | 22 ¥ 33 | 23 Y 40 | 22804 | 20П55 | 20500 |
| 11S | 20 ¥ 28 | 21 Y 32 | 19853 | 18П49 | 17958 | 21 ¥ 31 | 22 Y 32 | 20849 | 19П44 | 18\$55 | 22 X 35 | 23 Y 33 | 21845 | 20П39 | 19\$52 |
| 12S | 20 X 29 | 21Υ25 | 19834 | 18耳33 | 17950 | 21 ¥ 32 | 22Υ26 | 20830 | 19П28 | 18947 | 22 ¥ 36 | 23 Υ 26 | 21826 | 20 Д 22 | 19544 |
| 13S 14S | 20 \(\pm\) 31 20 \(\pm\) 32 | 21Υ19 21Υ13 | 19 8 16 18 8 57 | 18 II 17 18 II 00 | 17934 17934 | 21 ¥ 34 21 ¥ 35 | 22 Y 19 22 Y 13 | 20811 19852 | 19П11 18П55 | 18 9 39 | 22 X 37 22 X 38 | 23 Y 20 23 Y 13 | 21807 20848 | 20П06 19П49 | 19 5 36 |
| 15S | 20 X 34 | 21Υ07 | 18838 | 17 Д 44 | 17926 | 21 × 36 | 22Υ07 | 19834 | 18 Д 38 | 18922 | 22 ** 39 | 23 Υ 06 | 20828 | 19 Д 33 | 19519 |
| 16S | 20 X 35 | 21 γ 01 | 18820 | 17Д27 | 17917 | 21 X 38 | 22 Υ 00 | 19815 | 18 II 22 | 18514 | 22 X 40 | 22 Υ 59 | 20809 | 19П16 | 19511 |
| 17S | 20 X 37 | 20 Y 55 | 18801 | 17 I I0 | 17509 | 21 X 39 | 21 Y 54 | 18856 | 18П05 | 18506 | 22 X 41 | 22 Y 53 | 19850 | 18П59 | 19©03 |
| 18S 19S | 20 \(\pm\) 38 20 \(\pm\) 40 | 20 Y 48 20 Y 42 | 17843 17824 | 16 II 54 16 II 36 | 17©00 16©51 | 21 X 40 21 X 42 | 21 \gamma 47 21 \gamma 41 | 18 8 37 | 17 I I48 17 I I31 | 17957 17948 | 22 X 43 22 X 44 | 22 \gamma 46 22 \gamma 39 | 19 8 31 19 8 12 | 18 II 42 18 II 25 | 18 © 54 |
| | | | | | 16931 | l . | 21 \gamma 41 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | 17939 | | | | | 18936 |
| 20S 21S | 20 X 41 20 X 43 | 20 Y 36 20 Y 30 | 17806 16847 | 16 II 19 16 II 02 | 16933 | 21 X 43 21 X 44 | 21 \gamma 34 \\ 21 \gamma 28 | 17859 17840 | 17II13 16II56 | 17939 | 22 X 45 22 X 46 | 22 \cdot 32 22 \cdot 26 | 18 8 53 | 18日08 17日50 | 18536 |
| 22S | 20 X 44 | 20Y23 | 16828 | 15 Д 44 | 16©24 | 21 X 46 | 21 Y 21 | 17821 | 16Д38 | 17921 | 22 X 47 | 22Υ19 | 18814 | 17 Д 32 | 18518 |
| 238 | 20 × 46 | 20Υ17 | 16809 | 15 Д 26 | 16915 | 21 X 47 | 21Υ15 | 17802 | 16耳20 | 17912 | 22 X 48 | 22Υ12 | 17855 | 17 Д 14 | 18509 |
| 248 | 20 X 47 | 20Υ11 | 15850 | 15 🗆 08 | 16905 | 21 × 48 | 21Υ08 | 16843 | 16 11 02 | 17503 | 22 X 50 | 22Υ05 | 17836 | 16П56 | 18500 |
| 25S 26S | 20 \times 49 20 \times 50 | 20 Y 04 19 Y 58 | 15 8 31 15 8 12 | 14 II 50 14 II 31 | 15©56 15©46 | 21 ¥ 50 21 ¥ 51 | 21 Y 01 20 Y 55 | 16 8 24 16 8 04 | 15 П 44 15 П 25 | 16953 16943 | 22 X 51 22 X 52 | 21 Y 58 21 Y 51 | 17816 16856 | 16 II 37 16 II 18 | 17©50 17©40 |
| 27S | 20 \tau 52 | 19 γ 52 | 14853 | 14Д31 | 15936 | 21 X 53 | 20 γ 48 | 15845 | 15 II 25 15 II 06 | 16933 | 22 X 53 | 21 Y 44 | 16836 | 15 II 59 | 17930 |
| 28S | 20 X 54 | 19Υ45 | 14834 | 13 Д 53 | 15©26 | 21 X 54 | 20Υ41 | 15825 | 14П47 | 16©23 | 22 X 55 | 21 Y 37 | 16816 | 15 Д 40 | 17520 |
| 29S | 20 ¥ 55 | 19 Y 39 | 14814 | 13 Д 34 | 15915 | 21 ¥ 56 | 20Y34 | 15805 | 14П27 | 16512 | 22 X 56 | 21 Y 30 | 15856 | 15 Д 20 | 17510 |
| 30S 31S | 20 X 57 20 X 59 | 19 Y 32 19 Y 25 | 13855 13835 | 13 II 14 12 II 54 | 15©04 14©53 | 21 X 57 21 X 59 | 20°27 20°20 | 14845 14825 | 14 II 07 13 II 47 | 16©02 15©51 | 22 X 57 22 X 59 | 21 Y 23 21 Y 15 | 15 8 36 | 15 II 00 14 II 40 | 16559 16548 |
| 32S | 20 X 39 21 X 00 | 19 γ 23 | 13815 | 12 Д 34 | 14933 | 22 X 00 | 20 γ 20 20 γ 13 | 14805 | 13 Д 26 | 15931 | 22 X 39 23 ¥ 00 | 21 Y 08 | 14855 | 14 Д 19 | 16937 |
| 33S | 21 X 02 | 19 Y 12 | 12855 | 12 Д 12 | 14530 | 22 X 02 | 20Y06 | 13844 | 13 Д 05 | 15©28 | 23 X 01 | 21 Y 01 | 14834 | 13 Д 58 | 16525 |
| 34S | 21 X 04 | 19℃05 | 12834 | 11 Д 51 | 145519 | 22 ¥ 03 | 19℃59 | 13824 | 12П43 | 15916 | 23 ¥ 03 | 20 Y 53 | 14813 | 13 Д 36 | 16513 |
| 35S | 21 ¥ 06 21 ¥ 07 | 18 Y 58 | 12814 | 11 Д 29 | 14506 | 22 X 05 | 19Υ52 | 13803 | 12 II 21 11 II 59 | 15©04 14©51 | 23 × 04 | 20Υ46 | 13852 | 13 II 14 | 16©01 15©49 |
| 36S 37S | 21 X 07 21 X 09 | 18 Y 51 18 Y 44 | 11853 11832 | 11 П 07 10 П 44 | 13©54 13©41 | 22 ¥ 06 22 ¥ 08 | 19 ° 44 19 ° 37 | 12842 12820 | 11 Д 39 | 14931 | 23 ¥ 05 23 ¥ 07 | 20 Y 38 20 Y 30 | 13830 13809 | 12 Д 51 12 Д 28 | 15936 |
| 38S | 21 X 11 | 18 Y 36 | 11811 | 10 Д 20 | 13527 | 22 X 10 | 19Υ29 | 11859 | 11 Д 12 | 14925 | 23 ¥ 08 | 20Y22 | 12847 | 12 Д 04 | 15©22 |
| 39S | 21 X 13 | 18Ƴ29 | 10849 | 9П56 | 135613 | 22 X 11 | 19 Ƴ 22 | 11837 | 10П48 | 149611 | 23 ¥ 10 | 20 Y 14 | 12824 | 11 Д 40 | 15508 |
| 40S | 21 X 15 | 18Y22 | 10827 | 9Д32 | 12559 | 22 X 13 | 19Y14 | 11814 | 10 Д23 | 13556 | 23 ¥ 11 | 20Y06 | 12802 | 11 Д 15 | 14954 |
| 41S 42S | 21 X 17 21 X 19 | 18 Y 14 18 Y 06 | 10805 9842 | 9П07 8П41 | 12 © 44 12 © 29 | 22 X 15 22 X 17 | 19 Y 06 18 Y 58 | 10852 10829 | 9Д58 9Д32 | 13542 13526 | 23 ¥ 13 23 ¥ 15 | 19 Y 58 | 11 8 39 | 10П49 10П23 | 14539 14524 |
| 43S | 21 X 21 | 17Y58 | 9820 | 8п14 | 12@12 | 22 X 19 | 18Y50 | 10806 | 9п05 | 13510 | 23 X 16 | 19Υ41 | 10851 | 9Д56 | 14508 |
| 44S | 21 X 23 | 17 ⋎ 50 | 8856 | 7П47 | 11956 | 22 ¥ 21 | 18 Y 41 | 9842 | 8Д37 | 12953 | 23 ¥ 18 | 19 Ƴ 32 | 10827 | 9П28 | 13551 |
| 45S | 21 ¥ 26 | 17°42 | 8833 | 7П19 | 11538 | 22 ¥ 23 | 18Υ33 | 9818 | 8H09 | 12536 | 23 ¥ 20 | 19Υ23 | 10803 | 8П59 | 13534 |
| 46S 47S | 21 ¥ 28 21 ¥ 30 | 17 Y 34 17 Y 25 | 8 8 09 7 8 44 | 6П49 6П19 | 11©20 11©01 | 22 ¥ 25 22 ¥ 27 | 18 Y 24 18 Y 15 | 8853 8828 | 7Д39 7Д09 | 12©17 11©58 | 23 ¥ 22 23 ¥ 23 | 19Υ14 19Υ04 | 9838 9812 | 8Д29 7Д58 | 13©15 12©56 |
| 488 | 21 X 33 | 17 Y 23 | 7819 | 5П48 | 10541 | 22 X 29 | 18Y06 | 8803 | 6П37 | 11538 | 23 X 25 | 18 Y 55 | 8846 | 7H27 | 12536 |
| 49S | 21 ¥ 35 | 17 Y 08 | 6854 | 5П16 | 10519 | 22 X 31 | 17 Y 57 | 7 8 37 | 6П05 | 115617 | 23 ¥ 27 | 18 Y 45 | 8820 | 6П54 | 12515 |
| 50S | 21 X 38 | 16Υ59 | 6828 | 4II 43 | 9957 | 22 X 33 | 17 Ƴ 47 | 7810 | 5Д31 | 10@55 | 23 ¥ 29 | 18 Y 35 | 7853 | 6П20 | 11553 |
| 51S 52S | 21 \(\pm\) 40 21 \(\pm\) 43 | 16 Y 49 16 Y 40 | 6801 5834 | 4П08 3П33 | 9 9 33 | 22 ¥ 36 22 ¥ 38 | 17 Y 37 | 6843 6816 | 4П56 4П20 | 10©31 10©06 | 23 ¥ 31 23 ¥ 33 | 18 Y 25 | 7825 6857 | 5П45 5П08 | 11©29 11©04 |
| 53S | 21 X 45 21 X 46 | 16 Y 30 | 5806 | 2Д55 | 8942 | 22 X 41 | 17Υ17 17Υ17 | 5847 | 3 II 43 | 9939 | 23 X 36 | 18 Y 04 | 6828 | 4 I I30 | 10937 |
| 54S | 21 X 49 | 16 Y 20 | 4838 | 2П17 | 8913 | 22 X 43 | 17 Y 06 | 5818 | 3 I I03 | 9911 | 23 X 38 | 17 Y 53 | 5859 | 3Д50 | 10509 |
| 55S | 21 X 52 | 16Y10 | 4809 | 1Д36 | 79543 | 22 X 46 | 16Y56 | 4849 | 2П22 | 8941 | 23 ¥ 40 | 17℃41 | 5829 | 3П09 | 9538 |
| 56S 57S | 21 X 55 21 X 58 | 15Υ59 15Υ48 | 3839 3808 | 0П54 0П10 | 7510 6535 | 22 X 49 22 X 52 | 16 ° 44 16 ° 33 | 4818 3847 | 1П40 0П55 | 8 9 08 7 9 32 | 23 \ 43 23 \ 45 | 17 Y 30 17 Y 18 | 4858 4826 | 2П25 1П40 | 9 5 06 8 5 30 |
| 58S | 21 X 38 | 15 Y 48 | 2837 | 29825 | 5956 | 22 X 32 22 X 55 | 16 Y 21 | 3815 | 0Д33 | 6953 | 23 X 43 | 17 Y 18 | 3853 | 0Д53 | 7951 |
| 59S | 22 X 05 | 15 Y 25 | 2805 | 28836 | 5গু14 | 22 X 58 | 16 Y 09 | 2842 | 29820 | 6911 | 23 X 51 | 16 Y 52 | 3820 | 0П03 | 7509 |
| 60S | 22 X 09 | 15 Y 13 | 1832 | 27846 | 4927 | 23 ¥ 01 | 15 Y 56 | 2808 | 28829 | 5ഇ24 | 23 X 54 | 16 Y 39 | 2845 | 29811 | 6ණ22 |
| 618 | 22 X 13 | 15Υ00 | 0858 | 26853 | 3534 | 23 ¥ 05 | 15Υ43 | 1834 | 27835 | 4931 | 23 X 57 | 16Y25 | 2810 | 28817 | 5929 |
| 62S 63S | 22 X 17 22 X 21 | 14 Y 47 14 Y 34 | 0823 29°746 | 25 8 57 24 8 58 | 2 9 35 | 23 ¥ 08 23 ¥ 12 | 15Υ29 15Υ15 | 0858 0821 | 26 8 38 25 8 38 | 3 2 2 2 2 2 | 24 ¥ 00 24 ¥ 03 | 16 Y 11 15 Y 56 | 1833 0855 | 27 8 19 26 8 18 | 4 5 29 |
| 64S | 22 X 26 | 14Υ20 | 29Υ09 | 23857 | 0904 | 23 X 16 | 15Υ00 | 29°Y43 | 24835 | 1900 | 24 X 07 | 15 Y 41 | 0816 | 25814 | 1956 |
| 65S | 22 X 31 | 14 Y 05 | 28 Y 30 | 22851 | 28П22 | 23 ¥ 20 | 14 Y 45 | 29 Y 03 | 23829 | 29П16 | 24 ¥ 10 | 15 ℃ 25 | 29 Ƴ 36 | 24806 | 0511 |
| 66S | 22 ¥ 36 | 13Υ50 | 27Υ51 | 21842 | 25 II 58 | 23 ¥ 25 | 14Υ29 | 28Y23 | 22818 | 26 11 49 | 24 X 14 | 15Υ08 | 28Y55 | 22854 | 27II40 |
| pc | 22 X 38 | 13 ° 41 | 27 Y 28 | 21801 | 23 Д 49 | 23 ¥ 27 | 14Y20 | 27 Y 59 | 21837 | 24П31 | 24 ¥ 16 | 14Υ59 | 28Ƴ31 | 22812 | 25 Д 12 |

| | Sid.Tir MC: | | 36m A 37'29 | RMC: 3 | 24°00' | Sid.Tir MC: | ne: 21h | 40m A 38'59 | RMC: 3 | 325°00' | Sid.Tir MC: | ne: 21h | 44m A 40'40 | RMC: 3 | 26°00' |
|------------|---------------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|--|--------------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------------------|------------------------------|----------------------------------|----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 23 X 27 | 25 ℃ 53 | 26818 | 24П29 | 22ഇ13 | 24 X 33 | 26 Y 56 | 27816 | 25П24 | 23509 | 25 X 38 | 27 Y 59 | 28814 | 26П19 | 24506 |
| 1S | 23 ¥ 28 | 25Υ45 | 25858 | 24 II 13 | 22505 | 24 ¥ 34 | 26°°48 | 26856 | 25 II 08 | 23502 | 25 ¥ 39 | 27°51 | 27854 | 26 II 03 | 23559 |
| 2S 3S | 23 \ 29 23 \ 30 | 25 \gamma 38 25 \gamma 31 | 25 8 38 25 8 18 | 23 II 57 23 II 41 | 21@58 21@50 | 24 ¥ 34 24 ¥ 35 | 26 Y 41 26 Y 33 | 26 8 35 26 8 15 | 24 II 52 24 II 37 | 22©54 22©47 | 25 \times 39 25 \times 40 | 27 Y 43 27 Y 36 | 27833 27813 | 25 II 47 25 II 32 | 23@51 23@44 |
| 4S | 23 × 31 | 25Υ23 | 24858 | 23 II 26 | 21930 | 24 × 36 | 26Υ26 | 25855 | 24 II 21 | 22539 | 25 X 41 | 27 Υ 28 | 26852 | 25 II 16 | 23936 |
| 5S | 23 ¥ 32 | 25 Υ 16 | 24838 | 23 Ц 10 | 21935 | 24 X 37 | 26Y18 | 25835 | 24 II 05 | 22532 | 25 X 41 | 27Y20 | 26832 | 25 II 00 | 23529 |
| 6S | 23 × 33 | 25Υ09 | 24818 | 22 II 54 | 21@27 | 24 × 38 | 26Υ11 | 25815 | 23 II 49 | 22524 | 25 × 42 | 27Υ12 | 26812 | 24 II 44 | 23521 |
| 7S | 23 ¥ 34 | 25℃02 | 23859 | 22 Д 38 | 21©20 | 24 ¥ 38 | 26Y03 | 24855 | 23 Д 33 | 229517 | 25 X 43 | 27 Y 05 | 25852 | 24П28 | 23514 |
| 8S | 23 ¥ 35 | 24Υ55 | 23839 | 22 Д 22 | 21512 | 24 X 39 | 25Υ56 | 24835 | 23 Д 17 | 22509 | 25 X 43 | 26Y57 | 25832 | 24 П 12 | 23506 |
| 9S | 23 ¥ 36 | 24Ƴ48 | 23820 | 221106 | 21504 | 24 X 40 | 25℃49 | 24816 | 23 Д 01 | 22501 | 25 X 44 | 26℃49 | 25812 | 23 Ц 56 | 22558 |
| 10S | 23 ¥ 37 | 24°741 | 23800 | 21 11 50 | 20557 | 24 X 41 | 25°41 | 23856 | 22 Д 44 | 21554 | 25 X 44 | 26 ℃ 42 | 24852 | 23 Д 39 | 22551 |
| 11S 12S | 23 \ 38 23 \ 39 | 24 \ \cdot 34 24 \ \cdot 27 | 22 8 41 22 8 21 | 21 II 33 21 II 17 | 20 20 941 | 24 \times 42 24 \times 42 | 25 \gamma 34 25 \gamma 27 | 23837 23817 | 22 II 28 22 II 12 | 21 5 46 21 5 38 | 25 \times 45 25 \times 46 | 26 \gamma 34 26 \gamma 27 | 24832 24812 | 23 II 23 23 II 07 | 22 9 43 22 9 35 |
| 13S | 23 × 40 | 24 Y 20 | 22802 | 21 II 01 | 20933 | 24 X 43 | 25Υ19 | 22857 | 21 II 55 | 21930 | 25 × 46 | 26Υ19 | 23853 | 22 II 50 | 22527 |
| 14S | 23 X 41 | 24Υ13 | 21843 | 20П44 | 20ഇ25 | 24 X 44 | 25 Y 12 | 22838 | 21 Д39 | 21@22 | 25 X 47 | 26Y12 | 23833 | 22 ДЗЗ | 22519 |
| 15S | 23 X 42 | 24Y06 | 21823 | 20П27 | 20ഇ16 | 24 ¥ 45 | 25Y05 | 22818 | 21 Д22 | 215614 | 25 X 48 | 26Y04 | 23813 | 22 Ц 17 | 22511 |
| 16S | 23 X 43 | 23 Y 59 | 21804 | 20П11 | 20ഇ08 | 24 X 46 | 24Y58 | 21859 | 21 Д 05 | 21905 | 25 X 48 | 25 Υ 57 | 22853 | 22 II 00 | 22503 |
| 17S | 23 ¥ 44 | 23 Y 52 | 20845 | 19П54 | 20500 | 24 ¥ 46 | 24Y50 | 21839 | 20П48 | 20\$57 | 25 X 49 | 25 ℃ 49 | 22833 | 21 Д43 | 21554 |
| 188 | 23 ¥ 45 | 23 \gamma 45 23 \gamma 38 | 20825 | 19II 37 | 19551 | 24 ¥ 47 | 24 \gamma 43 24 \gamma 36 | 21819 | 20 II 31 | 20 20 20 40 | 25 \times 50 25 \times 50 | 25 Y 42 | 22814 | 21 II 25 | 21537 |
| 198 | 23 ¥ 46 | | 20806 | 191119 | 19542 | 24 ¥ 48 | | 21800 | 20 II 14 | | | 25 Y 34 | 21854 | 21 11 08 | |
| 20S | 23 \ 47 23 \ 48 | 23 \gamma 30 23 \gamma 23 | 19847 19827 | 19II 02 18II 44 | 19 © 34 | 24 X 49 | 24 Y 28 24 Y 21 | 20840 20820 | 19Д56 19Д38 | 20 20 20 20 20 | 25 \times 51 25 \times 52 | 25 \cdot 26 25 \cdot 19 | 21834 | 20 II 50 20 II 32 | 21©29 21©20 |
| 21S 22S | 23 X 48 | 23 Y 23 23 Y 16 | 19827 | 18 II 26 | 19923 | 24 ¥ 50 24 ¥ 51 | 24 Y 21 24 Y 14 | 20820 | 19Д38 | 20@22 | 25 H 52 | 25 Y 19 | 21814 20853 | 20 II 32 20 II 14 | 219520 |
| 23S | 23 X 50 | 23℃09 | 18848 | 18 I I08 | 19907 | 24 X 52 | 24Υ06 | 19841 | 19п02 | 20ഇ04 | 25 X 53 | 25 ℃ 04 | 20833 | 19П56 | 21502 |
| 24S | 23 ¥ 51 | 23 ℃ 02 | 18828 | 17 I I50 | 18957 | 24 ¥ 52 | 23 Y 59 | 19820 | 18П44 | 19555 | 25 ¥ 54 | 24Y56 | 20813 | 19П38 | 20@52 |
| 25S | 23 ¥ 52 | 22 Υ 55 | 18808 | 17 I I31 | 18548 | 24 X 53 | 23 Y 51 | 19800 | 18П25 | 19545 | 25 X 54 | 24Ƴ48 | 19852 | 19П19 | 20ഇ43 |
| 26S | 23 ¥ 53 | 22Υ48 | 17848 | 17П12 | 18938 | 24 X 54 | 23 Υ 44 | 18840 | 18П06 | 19535 | 25 ¥ 55 | 24Υ40 | 19832 | 19П00 | 20533 |
| 27S 28S | 23 ¥ 54 23 ¥ 55 | 22 \gamma 40 22 \gamma 33 | 17828 17808 | 16 II 53 16 II 33 | 18528 | 24 ¥ 55 24 ¥ 56 | 23 \gamma 36 23 \gamma 29 | 18820 | 17П47 17П27 | 19 © 26 | 25 \times 56 25 \times 57 | 24 \gamma 32 24 \gamma 24 | 19811 | 18 II 40 | 20©23 20©13 |
| 29S | 23 X 56 | 22 Y 25 | 16847 | 16 II 14 | 18©18 18©07 | 24 X 50 24 X 57 | 23 Y 21 | 17859 17838 | 17 II 27 17 II 07 | 19905 | 25 X 57 | 24 Y 16 | 18 8 50 18 8 29 | 18 II 21 18 II 00 | 20503 |
| 30S | 23 X 58 | 22Υ18 | 16827 | 15 II 53 | 17957 | 24 X 58 | 23 Υ 13 | 17817 | 16П47 | 18954 | 25 X 58 | 24Υ08 | 18808 | 17 I I40 | 19952 |
| 31S | 23 X 59 | 22 Υ 10 22 Υ 10 | 16806 | 15 II 33 | 17937 | 24 X 59 | 23 Y 05 | 16856 | 16 I I26 | 18934 | 25 X 59 | 24 Y 00 | 17847 | 17 II 40 17 II 19 | 195532 |
| 32S | 24 ₩ 00 | 22♈03 | 15845 | 15 II 12 | 17534 | 25 ₩ 00 | 22 Y 57 | 16835 | 16耳05 | 18532 | 26 ₩ 00 | 23 ℃ 52 | 17825 | 16耳58 | 19530 |
| 33S | 24 × 01 | 21Υ55 | 15824 | 14П50 | 17923 | 25 ¥ 01 | 22Υ49 | 16814 | 15 Д 43 | 18921 | 26 ¥ 00 | 23 Y 44 | 17803 | 16П36 | 19519 |
| 34S | 24 X 02 | 21 ℃ 47 | 15803 | 14П29 | 17911 | 25 ¥ 02 | 22 ° 41 | 15852 | 15П21 | 18509 | 26 ¥ 01 | 23 ℃ 35 | 16841 | 16 I I14 | 19507 |
| 35S | 24 ** 03 | 21 γ 39 | 14841 | 14 11 06 | 16959 | 25 ¥ 03 | 22Υ33 | 15830 | 14II 59 | 17957 | 26 × 02 | 23 Y 27 | 16819 | 15 II 51 | 18955 |
| 36S 37S | 24 \times 05 24 \times 06 | 21 \gamma 31 \\ 21 \gamma 23 | 14 8 19 13 8 57 | 13 II 43 13 II 20 | 16 9 46 16 9 34 | 25 \times 04 25 \times 05 | 22°725 22°716 | 15 8 08 14 8 45 | 14 II 36 14 II 12 | 17544 17532 | 26 \times 03 26 \times 04 | 23 Y 18 23 Y 09 | 15 8 56 15 8 34 | 15 II 28 15 II 05 | 18 © 43 |
| 38S | 24 × 07 | 21 γ 25 21 γ 15 | 13834 | 12 II 56 | 16934 | 25 × 06 | 22 γ 08 | 14822 | 13 II 48 | 17932 | 26 × 05 | 23 Υ 00 | 15810 | 14 II 40 | 18930 |
| 39S | 24 ₩ 08 | 21℃06 | 13812 | 12П31 | 16©06 | 25 X 07 | 21 Y 59 | 13859 | 13 Д23 | 17504 | 26 ₩ 05 | 22 Y 51 | 14847 | 14 I I15 | 18503 |
| 40S | 24 X 10 | 20℃58 | 12849 | 12П06 | 15@52 | 25 ¥ 08 | 21 7 50 | 13836 | 12П58 | 16950 | 26 ¥ 06 | 22 Y 42 | 14823 | 13 Д 50 | 175649 |
| 41S | 24 X 11 | 20Ƴ49 | 12825 | 11Ⅲ40 | 15ഇ37 | 25 X 09 | 21 Y 41 | 13812 | 12 Д 32 | 16935 | 26 X 07 | 22 Y 33 | 13859 | 13 Ⅲ23 | 17534 |
| 42S | 24 X 12 | 20°41 | 12802 | 11 11 14 | 15@22 | 25 × 10 | 21 Υ 32 | 12848 | 12Д05 | 16520 | 26 × 08 | 22 Y 23 | 13834 | 12 Д 56 | 17519 |
| 43S 44S | 24 ¥ 14 24 ¥ 15 | 20 \gamma 32 20 \gamma 22 | 11 8 37 11 8 13 | 10 II 46 10 II 18 | 15©06 14©49 | 25 X 11 25 X 13 | 21 Y 23 21 Y 13 | 12823 11858 | 11 Д 37 11 Д 09 | 16©04 15©47 | 26 \times 09 26 \times 10 | 22 Y 14 22 Y 04 | 13 8 09 12 8 44 | 12 Д 28 12 Д 00 | 17©03 16©46 |
| | | | | | | | 21 γ 03 | | | | | | | | |
| 45S 46S | 24 ¥ 17 24 ¥ 18 | 20 \gamma 13 \\ 20 \gamma 04 | 10848 10822 | 9П49 9П19 | 14©32 14©13 | 25 ¥ 14 25 ¥ 15 | 21 \ \(\) 03 \\ 20 \ \(\) 54 | 11833 11807 | 10 II 40 10 II 09 | 15©30 15©12 | 26 X 11 26 X 12 | 21 \gamma 54 21 \gamma 43 | 12 8 18 11 8 52 | 11 II 30 11 II 00 | 16©29 16©10 |
| 47S | 24 ₩ 20 | 19°754 | 9857 | 8П48 | 13954 | 25 ¥ 16 | 20°Y43 | 10841 | 9Д38 | 14953 | 26 X 13 | 21 Y 33 | 11825 | 10 Д 28 | 15951 |
| 48S | 24 ¥ 22 | 19℃44 | 9830 | 8П16 | 13534 | 25 ¥ 18 | 20Υ33 | 10814 | 9П06 | 14533 | 26 × 14 | 21Υ22 | 10857 | 9П55 | 15@31 |
| 49S | 24 X 23 | 19Ƴ34 | 9803 | 7 I I43 | 13513 | 25 X 19 | 20℃23 | 9846 | 8П32 | 14512 | 26 X 15 | 21 ℃ 11 | 10830 | 9П21 | 15510 |
| 50S | 24 ¥ 25 | 19Y24 | 8836 | 7II 08 | 12@51 | 25 ¥ 21 | 20Υ12 | 9818 | 7 II 57 | 13549 | 26 × 16 | 21 7 00 | 10801 | 8П46 | 14548 |
| 51S 52S | 24 ¥ 27 24 ¥ 28 | 19 ⋎ 13 19 ⋎ 02 | 8 8 08 7 8 39 | 6П33 5П56 | 12©27 12©02 | 25 \times 22 25 \times 24 | 20°701 19°749 | 8850 8820 | 7П21 6П44 | 13©26 13©01 | 26 X 18 26 X 19 | 20 \gamma 48 20 \gamma 37 | 9832 9802 | 8П10 7П32 | 14©25 14©00 |
| 53S | 24 H 30 | 18 Y 51 | 7809 | 5 <u>п</u> 30 | 11936 | 25 X 24 | 19 Y 49 | 7 8 51 | 6П04 | 12534 | 26 X 20 | 20 Y 37 | 8832 | 7 II 32 6 II 52 | 13933 |
| 54S | 24 X 32 | 18Υ39 | 6839 | 4 I 37 | 11507 | 25 X 27 | 19Υ26 | 7820 | 5П24 | 12506 | 26 X 21 | 20Υ12 | 8800 | 6Ц11 | 13505 |
| 55S | 24 ¥ 34 | 18 Ƴ 27 | 6809 | 3П55 | 10ട37 | 25 X 29 | 19 Y 13 | 6848 | 4 I I41 | 11535 | 26 ¥ 23 | 19 Y 59 | 7828 | 5П28 | 12534 |
| 56S | 24 X 36 | 18 Y 15 | 5837 | 3П11 | 10ഇ04 | 25 X 30 | 19Υ01 | 6816 | 3 Д 57 | 11502 | 26 X 24 | 19 Y 46 | 6856 | 4П43 | 12501 |
| 57S | 24 × 39 | 18Y03 | 5805 | 2П25 | 9528 | 25 ¥ 32 | 18 Y 48 | 5843 | 3 Д 10 | 10527 | 26 ¥ 26 | 19Υ32 | 6822 | 3 II 56 | 11526 |
| 58S 59S | 24 X 41 24 X 43 | 17 Υ 50 17 Υ 36 | 4831 3857 | 1Д37 0Д47 | 8949 8907 | 25 \times 34 25 \times 36 | 18 \gamma 34 18 \gamma 20 | 5809 4834 | 2П22 1П31 | 9 9 48 9 9 05 | 26 \times 27 26 \times 29 | 19 Y 18 19 Y 04 | 5847 5812 | 3П06 2П14 | 10547 10504 |
| 60S | 24 X 46 | 17 Y 22 | 3822 | 29854 | 7920 | 25 X 38 | 18 Y 06 | 3858 | 0Д37 | 8918 | 26 X 30 | 18 Y 49 | 4835 | 1 11 20 | 9917 |
| 61S | 24 X 48 | 17\dagger 22 | 2846 | 28858 | / ම 20 6 ම 2 7 | 25 X 38 | 17\gamma51 | 3822 | 29840 | 7925 | 26 H 30 | 18 Y 33 | 3 8 57 | 0П23 | 8924 |
| 62S | 24 × 51 | 16°Y 53 | 2808 | 28800 | 5926 | 25 × 42 | 17 Y 35 | 2843 | 28841 | 6925 | 26 × 34 | 18 Y 17 | 3819 | 29822 | 7923 |
| 63S | 24 ¥ 54 | 16 Y 38 | 1830 | 26858 | 4গু16 | 25 X 45 | 17 ⋎ 19 | 2804 | 27838 | 5914 | 26¥36 | 18 Y 00 | 2839 | 28818 | 6ණ13 |
| 64S | 24 X 57 | 16 Y 22 | 0850 | 25853 | 2953 | 25 X 47 | 17 Y 02 | 1824 | 26832 | 3950 | 26 X 38 | 17 Ƴ 43 | 1857 | 27810 | 45648 |
| 65S | 25 ¥ 00 | 16℃05 | 0809 | 24844 | 1906 | 25 ¥ 50 | 16°Y45 | 0842 | 25821 | 2503 | 26 ¥ 40 | 17℃25 | 1815 | 25859 | 3500 |
| 66S | 25 ¥ 03 | 15 Y 48 | 29Y27 | 23831 | 28 II 32 | 25 ¥ 53 | 16Y27 | 29 Y 59 | 24807 | 29 Д 26 | 26 ¥ 42 | 17Y06 | 0831 | 24843 | 0921 |
| pc | 25 ¥ 05 | 15Ƴ38 | 29℃02 | 22848 | 25 11 53 | 25 X 54 | 16Y16 | 29 Y 34 | 23823 | 26П34 | 26 X 43 | 16 Y 55 | 0805 | 23858 | 27П16 |

| | Sid.Tir MC: | | 48m A 42'31 | RMC: 3 | 27°00' | Sid.Tir MC: | | 52m A 44'33 | RMC: 3 | 328°00' | Sid.Tir MC: | ne: 21h: 26≈ | 56m A 46'45 | RMC: 3 | 29°00' |
|------------|--|-------------------------------------|----------------------------------|------------------------|----------------|--|-------------------------------------|----------------------------------|------------------------|------------------|--|-----------------------------------|----------------------------------|----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 26 X 43 | 29 Y 02 | 29812 | 27 🛘 14 | 25©03 | 27 X 49 | 0805 | 0п10 | 28П09 | 26ඉ00 | 28 X 54 | 1808 | 1п07 | 29П04 | 26957 |
| 18 | 26 × 44 | 28 Y 54 | 28851 | 26 II 58 | 24955 | 27 X 49 | 29°57 | 29849 | 27 II 53 | 25@53 | 28 X 54 | 0859 | 0П46 | 28 П 49 | 26550 |
| 2S 3S | 26 X 44 26 X 45 | 28 \(\cdot 46 \) 28 \(\cdot 38 \) | 28 8 31 28 8 10 | 26 II 43 26 II 27 | 24948 24941 | 27 ¥ 49 27 ¥ 50 | 29 \(\cdot 48 \) 29 \(\cdot 40 \) | 29828 29807 | 27 II 38 27 II 22 | 25@45 25@38 | 28 ¥ 54 28 ¥ 55 | 0850 0842 | 0П25 0П04 | 28 II 33 28 II 17 | 26 9 42 26 9 35 |
| 4S | 26 X 45 | 28 Υ 30 | 27849 | 26 II 11 | 24933 | 27 X 50 | 29 Y 32 | 28846 | 27 II 22 27 II 06 | 25@31 | 28 X 55 | 0833 | 29843 | 28 II 01 | 26928 |
| 5S | 26 X 46 | 28Y22 | 27829 | 25 Д 55 | 24\$26 | 27 ¥ 50 | 29Y23 | 28826 | 26П50 | 25@23 | 28 ¥ 55 | 0825 | 29822 | 27П45 | 26920 |
| 6S | 26 × 46 | 28 Y 14 | 27809 | 25 II 39 | 24518 | 27 X 51 | 29Y15 | 28805 | 26耳34 | 25\$16 | 28 X 55 | 0816 | 29802 | 27 II 29 | 26513 |
| 7S | 26 X 47 | 28Y06 | 26848 | 25 11 23 | 24911 | 27 ¥ 51 | 29 Y 07 | 27845 | 26П18 | 25©08 | 28 X 55 | 0808 | 28841 | 27 Д 13 | 26906 |
| 8S | 26 × 47 | 27Υ58 | 26828 | 25 II 07 | 24903 | 27 ¥ 51 | 28Υ59 | 27824 | 26П02 | 25901 | 28 ¥ 55 | 29Υ59 | 28820 | 26П56 | 25958 |
| 9S | 26 ¥ 48 | 27℃50 | 26808 | 24П50 | 23556 | 27 ¥ 52 | 28 ⋎ 51 | 27804 | 25 11 45 | 24953 | 28 ¥ 56 | 29℃51 | 28800 | 26 II 40 | 25951 |
| 10S | 26 × 48 | 27Υ42 | 25848 | 24 II 34 | 23 5 48 | 27 ¥ 52 | 28°Y43 | 26844 | 25 II 29 | 24545 | 28 X 56 | 29Υ43 | 27839 | 26 11 24 | 25943 |
| 11S 12S | 26 X 49 | 27 Y 34 27 Y 27 | 25 8 28 25 8 08 | 24 II 18 24 II 01 | 23540 | 27 ¥ 52 27 ¥ 53 | 28 \gamma 35 28 \gamma 27 | 26 8 23 26 8 03 | 25 II 13 24 II 56 | 24©38 24©30 | 28 X 56 28 X 56 | 29 \gamma 35 29 \gamma 26 | 27 8 19 26 8 58 | 26 II 07 25 II 51 | 25@35 25@28 |
| 13S | 26 X 50 | 27Υ19 | 24848 | 23 II 45 | 23932 | 27 X 53 | 28 Y 18 | 25843 | 24 II 40 | 24930 | 28 X 56 | 29 Υ 18 | 26838 | 25 II 34 | 25\$20 |
| 14S | 26 X 50 | 27Υ11 | 24828 | 23 Д 28 | 23517 | 27 ¥ 53 | 28Υ10 | 25823 | 24П23 | 249514 | 28 X 56 | 29Υ10 | 26817 | 25 Д 18 | 25@12 |
| 15S | 26¥51 | 27 Y 03 | 24808 | 23 Д 11 | 23508 | 27 X 54 | 28Y02 | 25802 | 24 II 06 | 24906 | 28 X 57 | 29Y01 | 25857 | 25 Д 01 | 25©04 |
| 16S | 26 X 51 | 26Y56 | 23848 | 22 Д 54 | 23500 | 27 X 54 | 27 Υ 54 | 24842 | 23 Д 49 | 23\$58 | 28 X 57 | 28 Y 53 | 25836 | 24 11 44 | 24956 |
| 17S | 26 X 52 | 26Ƴ48 | 23828 | 22 Д 37 | 22952 | 27 X 54 | 27 Y 46 | 24822 | 23 Ⅲ32 | 23\$50 | 28 X 57 | 28Ƴ45 | 25816 | 24 II 26 | 245648 |
| 188 | 26 × 52 | 26Υ40 26₩22 | 23807 | 22 11 20 | 22544 | 27 X 55 | 27Υ38 | 24801 | 23 II 14 | 23541 | 28 X 57 | 28Υ36 | 24855 | 24 II 09 | 24539 |
| 19S | 26 X 53 | 26 Y 32 | 22847 | 22 11 02 | 22535 | 27 ¥ 55 | 27Y30 | 23841 | 22 11 57 | 23533 | 28 ¥ 57 | 28 7 28 | 24835 | 23 11 51 | 24931 |
| 20S | 26 \times 53 26 \times 54 | 26 Y 24 26 Y 16 | 22827 22807 | 21 II 45 21 II 27 | 22©26 22©18 | 27 ¥ 55 27 ¥ 56 | 27 ° 22 27 ° 14 | 23820 | 22 II 39 22 II 21 | 23©24 23©16 | 28 X 57 | 28 \(\chi 20 \) 28 \(\chi 11 \) | 24814 | 23 II 33 23 II 15 | 24©22 24©14 |
| 21S 22S | 26 X 54 | 26 Y 18 26 Y 08 | 21846 | 21 II 27 21 II 09 | 22509 | 27 X 56 | 27Υ14 27Υ06 | 23 8 00 22 8 39 | 22 II 21 22 II 03 | 23907 | 28 ¥ 58 28 ¥ 58 | 28 Y 03 | 23 8 53 23 8 32 | 23 II 13 22 II 57 | 249014 |
| 23S | 26 × 55 | 26Υ01 | 21826 | 20耳50 | 22500 | 27 X 56 | 26°758 | 22819 | 21 II 44 | 22558 | 28 × 58 | 27Υ54 | 23811 | 22 Д 39 | 23556 |
| 24S | 26 X 55 | 25 Y 53 | 21805 | 20 Д 32 | 21550 | 27 ¥ 57 | 26Ƴ49 | 21858 | 21 Д26 | 22548 | 28 ¥ 58 | 27Ƴ46 | 22850 | 22 II 20 | 235647 |
| 25S | 26 X 56 | 25 ℃ 45 | 20845 | 20П13 | 21 5 41 | 27 X 57 | 26Ƴ41 | 21837 | 21 Д07 | 22539 | 28 X 58 | 27 Y 37 | 22829 | 22П01 | 23537 |
| 26S | 26 X 56 | 25 Y 36 | 20824 | 19П54 | 21931 | 27 X 57 | 26Y33 | 21816 | 20П47 | 22529 | 28 X 58 | 27 Y 29 | 22807 | 21 Д41 | 23\$28 |
| 27S | 26 × 57 | 25Y28 | 20803 | 19П34 | 21 5 21 | 27 X 58 | 26 ℃ 24 | 20854 | 201128 | 22520 | 28 X 59 | 27Υ20 | 21846 | 21 11 22 | 23518 |
| 28S 29S | 26 X 57 26 X 58 | 25 \gamma 20 25 \gamma 12 | 19842 19820 | 19П14 18П54 | 21©11 21©01 | 27 ¥ 58 27 ¥ 58 | 26\gamma16 26\gamma07 | 20833 20811 | 20 II 08 19 II 48 | 22©10 21©59 | 28 X 59 28 X 59 | 27 Y 11 27 Y 02 | 21824 21802 | 21 II 02 20 II 41 | 23©08 22©58 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 26 \times 58 26 \times 59 | 25 \(\psi 03 \) 24 \(\psi 55 \) | 18 8 59 | 18耳33 18耳12 | 20@51 20@40 | 27 X 59 27 X 59 | 25 \gamma 58 \\ 25 \gamma 50 | 19849 19827 | 19П27 19П06 | 215649 215638 | 28 X 59 28 X 59 | 26 \gamma 53 \\ 26 \gamma 44 | 20840 20818 | 20 II 21 19 II 59 | 22 9 47 22 9 37 |
| 32S | 27 × 00 | 24 Y 46 | 18815 | 17 II 51 | 20929 | 28 ¥ 00 | 25 Υ 41 | 19805 | 18 I I44 | 21930 | 29 × 00 | 26 Y 35 | 19855 | 19П38 | 22526 |
| 33S | 27 ¥ 00 | 24 Y 38 | 17853 | 17П29 | 20ഇ17 | 28 ¥ 00 | 25Ƴ32 | 18843 | 18П22 | 21516 | 29 ¥ 00 | 26Y26 | 19832 | 19П16 | 22515 |
| 34S | 27 × 01 | 24℃29 | 17831 | 17Д07 | 20ඉ06 | 28 ¥ 00 | 25 ℃ 23 | 18820 | 18П00 | 215004 | 29 X 00 | 26 Υ 17 | 19809 | 18耳53 | 22503 |
| 35S | 27 ¥ 01 | 24Y20 | 17808 | 16耳44 | 19ഇ54 | 28 X 01 | 25 ℃ 14 | 17857 | 17 I I37 | 20ഇ52 | 29 ₩ 00 | 26Y07 | 18846 | 18耳30 | 21@51 |
| 36S | 27 × 02 | 24Υ11 | 16845 | 16П21 | 19541 | 28 ¥ 01 | 25Υ04 | 17834 | 17П14 | 20540 | 29 × 00 | 25 Υ 58 | 18822 | 18耳06 | 21539 |
| 37S 38S | 27 ¥ 03 27 ¥ 03 | 24 Y 02 23 Y 53 | 16 8 22 15 8 58 | 15 Д 57 15 Д 32 | 19 © 28 | 28 ¥ 02 28 ¥ 02 | 24 \gamma 55 24 \gamma 45 | 17810 16846 | 16 II 50 16 II 25 | 20©27 20©14 | 29 \times 01 29 \times 01 | 25 \gamma 48 25 \gamma 38 | 17858 17834 | 17П42 17П17 | 21526 |
| 39S | 27 × 04 | 23 Y 44 | 15834 | 15 II 07 | 19901 | 28 × 02 | 24 Y 36 | 16822 | 16 I I 00 | 20500 | 29 × 01 | 25 Υ 28 | 17810 | 16 II 52 | 20\$59 |
| 40S | 27 ¥ 05 | 23 Y 34 | 15810 | 14 Д 42 | 18547 | 28 ¥ 03 | 24Y26 | 15857 | 15П34 | 19546 | 29 ¥ 01 | 25 Y 18 | 16845 | 16П26 | 20945 |
| 41S | 27 × 05 | 23 Y 24 | 14846 | 14 Д 15 | 18933 | 28 × 03 | 24Υ16 | 15832 | 15 Д 07 | 19931 | 29 × 01 | 25 Υ 07 | 16819 | 15 Д 59 | 20931 |
| 42S | 27 ¥ 06 | 23 Y 14 | 14821 | 13 耳 48 | 18517 | 28 ¥ 04 | 24Y06 | 15807 | 14П39 | 19\$16 | 29 ¥ 02 | 24Ƴ57 | 15853 | 15 I I31 | 20ഇ16 |
| 43S | 27 × 07 | 23 Y 04 | 13855 | 13 Д 20 | 18901 | 28 × 04 | 23 Υ 55 | 14841 | 14П11 | 19500 | 29 ¥ 02 | 24Υ46 | 15827 | 15 п 02 | 20500 |
| 448 | 27 X 07 | 22Υ54 | 13829 | 12 Д 51 | 17945 | 28 ¥ 05 | 23 ℃ 45 | 14815 | 13 Д 42 | 18944 | 29 X 02 | 24Υ35 | 15801 | 14 Д 33 | 19543 |
| 45S | 27 × 08 | 22°44 | 13803 | 12 II 21 | 17527 | 28 × 05 | 23 Y 34 | 13848 | 13 II 12 | 18527 | 29 × 02 | 24 Y 24 | 14833 | 14 II 03 | 19526 |
| 46S 47S | 27 ¥ 09 27 ¥ 10 | 22 \gamma 33 22 \gamma 22 | 12836 12809 | 11 II 50 11 II 18 | 17©09 16©50 | 28 ¥ 06 28 ¥ 06 | 23 \cdot 23 \cdot 12 | 13821 12853 | 12 II 40 12 II 08 | 18©09 17©50 | 29 \times 03 29 \times 03 | 24 Y 13 24 Y 01 | 14 8 06 13 8 37 | 13 Д31 12 Д59 | 19508 18549 |
| 48S | 27 X 10 | 22 γ 22 22 γ 11 | 11841 | 10耳45 | 16930 | 28 × 07 | 23 Υ 12 23 Υ 00 | 12825 | 11 II 35 | 17930 | 29 × 03 | 23 \gamma 49 | 13809 | 12 Д 25 | 18929 |
| 49S | 27 X 11 | 22 Y 00 | 11813 | 10П11 | 16509 | 28 ¥ 07 | 22 Y 48 | 11856 | 11 I I00 | 17509 | 29 X 03 | 23 Y 37 | 12839 | 11 I I50 | 18509 |
| 50S | 27 ¥ 12 | 21 Y 48 | 10844 | 9П35 | 15947 | 28 ¥ 08 | 22 Y 36 | 11826 | 10П24 | 16947 | 29 X 04 | 23 ℃24 | 12809 | 11 Д 14 | 179547 |
| 51S | 27 X 13 | 21 Y 36 | 10814 | 8Д58 | 15©24 | 28 X 09 | 22 Y 24 | 10856 | 9П47 | 16523 | 29 ¥ 04 | 23 Y 12 | 11839 | 10П36 | 17523 |
| 52S | 27 × 14 | 21 γ 24 | 9844 | 8 II 20 | 14959 | 28 × 09 | 22Υ11 | 10825 | 9Д08 | 15@59 | 29 X 04 | 22 Y 58 | 11807 | 9Д56 | 16958 |
| 53S 54S | 27 X 15 27 X 16 | 21 Y 11 20 Y 58 | 9 8 13 8 8 41 | 7П40 6П58 | 14©32 14©04 | 28 ¥ 10 28 ¥ 10 | 21 \gamma 58 21 \gamma 45 | 9 8 54 9 8 21 | 8П28 7П45 | 15©32 15©04 | 29 \times 05 29 \times 05 | 22 \gamma 45 22 \gamma 31 | 10835 10802 | 9П15 8П33 | 16©32 16©04 |
| | | | | | | l . | | | | | | | | | |
| 55S 56S | 27 X 17 27 X 18 | 20°45 20°31 | 8808 7835 | 6Ц14 5Ц29 | 13©34 13©01 | 28 X 11 28 X 12 | 21 \gamma 31 \\ 21 \gamma 17 | 8848 8814 | 7П01 6П15 | 14933 14901 | 29 \times 05 29 \times 06 | 22 Y 17 22 Y 02 | 9828 8854 | 7 II 48 7 II 01 | 15©33 15©01 |
| 57S | 27 × 19 | 20 Y 17 | 7801 | 4Π41 | 12@25 | 28 X 13 | 21 Y 02 | 7839 | 5П26 | 13525 | 29 × 06 | 21 Y 47 | 8818 | 6П12 | 14925 |
| 58S | 27 ¥ 20 | 20 Y 03 | 6825 | 3Д51 | 115546 | 28 X 13 | 20Ƴ47 | 7803 | 4 I I36 | 12546 | 29 X 06 | 21 Y 31 | 7841 | 5Д21 | 135647 |
| 59S | 27 X 21 | 19Ƴ48 | 5 8 49 | 2Д58 | 11504 | 28 X 14 | 20 Y 31 | 6826 | 3 Д 42 | 12504 | 29 X 07 | 21 Y 15 | 7 8 04 | 4П26 | 13504 |
| 60S | 27 X 23 | 19 Y 32 | 5812 | 2Д03 | 10ഇ16 | 28 X 15 | 20 Ƴ 15 | 5 8 48 | 2П46 | 115516 | 29 X 07 | 20 Ƴ 58 | 6825 | 3П29 | 12517 |
| 618 | 27 × 24 | 19Υ16 | 4833 | 1Д05 | 9923 | 28 ¥ 16 | 19Υ58 | 5809 | 1 Д 47 | 10@23 | 29 × 08 | 20Υ41 | 5845 | 2 П 29 | 11524 |
| 62S 63S | 27 ¥ 25 27 ¥ 27 | 18 \(\cdot 59 \) 18 \(\cdot 42 \) | 3854 3813 | 0П03 28 8 58 | 8 9 23 | 28 ¥ 17 28 ¥ 18 | 19 Ƴ 41 19 Ƴ 23 | 4829 3847 | 0П44 29 В 38 | 9 5 23 | 29 \times 08 29 \times 09 | 20 Y 23 20 Y 04 | 5804 4822 | 1П26 0П18 | 10©23 9©12 |
| 64S | 27 X 27 | 18 Y 24 | 2831 | 27849 | 5947 | 28 X 19 | 19 Y 23 | 3804 | 28828 | 6947 | 29 X 09 | 19°Y45 | 3838 | 29 8 07 | 79912 |
| 65S | 27 X 30 | 18\(\psi 05 | 1847 | 26836 | 3958 | 28 ¥ 20 | 18 ° 45 | 2820 | 27814 | 4958 | 29 X 10 | 19Υ24 | 2853 | 27851 | 5958 |
| 66S | 27 X 31 | 17Υ45 | 1802 | 25819 | 1937 | 28 X 21 | 18 Y 24 | 1834 | 25855 | 2935 | 29 X 10 | 19 γ 03 | 2806 | 26831 | 3934 |
| pc | 27 × 32 | 17Ƴ34 | 0837 | 24833 | 27П57 | 28 X 21 | 18 Y 12 | 1808 | 25808 | 28 Д 38 | 29 X 10 | 18 Y 51 | 1839 | 25844 | 29П19 |
| - | | | ļ. | i | | | | ļ. | ļ. | | | | ļ. | | |

| | Sid.Tir MC: | | 00m A 49'07 | RMC: 3 | 30°00' | Sid.Tir MC: | | 04m A 51'40 | RMC: 3 | 331°00' | Sid.Tir MC: | ne: 22h0 29≈ | 08m A 54'23 | RMC: 3 | 332°00' |
|------------|---------------------|------------------------------|----------------------------------|----------------------|----------------|--------------------------|----------------------------------|----------------------------------|------------------------------------|----------------|------------------|-------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0Υ00 | 2810 | 2П05 | 0900 | 27954 | 1 Υ 05 | 3813 | 3п02 | 0ഇ55 | 28\$52 | 2Υ10 | 4815 | 3Д59 | 1550 | 29\$49 |
| 1S | 0 Υ 00 | 2801 | 1 Д 43 | 29П44 | 279347 | 1 Υ 05 | 3804 | 2П41 | 0ഇ39 | 28544 | 2Υ10 | 4805 | 3Д37 | 1934 | 29\$42 |
| 2S | 0Υ00 | 1852 | 1 Д 22 | 29П28 | 279340 | 1 Υ 05 | 2854 | 2П19 | 0ഇ23 | 28937 | 2Υ10 | 3856 | 3П16 | 19518 | 29935 |
| 3S | 0Υ00 | 1844 | 1 11 01 | 29П12 | 27933 | 1 Υ 04 | 2845 | 1 II 58 | 0907 | 28530 | 2Υ09 | 3847 | 2П54 | 19502 | 29528 |
| 4S | 0Υ00 | 1835 | 0П40 | 28П56 | 27925 | 1 Υ 04 | 2836 | 1П36 | 29П51 | 28523 | 2 Y 09 | 3837 | 2П33 | 0ഇ46 | 29521 |
| 5S | 0Υ00 | 1826 | 0П19 | 28 11 40 | 27918 | 1 Υ 04 | 2827 | 1 п 15 | 29 Д 35 | 28516 | 2Υ09 | 3828 | 2Д11 | 0930 | 29513 |
| 6S 7S | 0Υ00 0Υ00 | 1817 1809 | 29858 29837 | 28 II 24 28 II 08 | 27©11 27©03 | 1 \cdot 04 1 \cdot 04 | 2818 2809 | 0П54 0П33 | 29 II 19 29 II 03 | 28508 28501 | 2 Y 08 2 Y 08 | 3819 3810 | 1Д50 1Д29 | 0©14 29П58 | 29©06 28©59 |
| 8S | 0Υ00 | 1800 | 29816 | 27 II 51 | 26956 | 1 γ 04 | 2800 | 0Д33 | 28 II 46 | 27954 | 2 γ 08 | 3801 | 1 п 29 | 29 II 38 | 28952 |
| 9S | 0Υ00 | 0851 | 28855 | 27 Д 35 | 26948 | 1 γ 03 | 1852 | 29851 | 28 II 30 | 275546 | 2Υ07 | 2852 | 0П47 | 29П25 | 28544 |
| 10S | 0 Υ 00 | 0843 | 28835 | 27 Д 19 | 26941 | 1Υ03 | 1843 | 29830 | 28 Д 14 | 27939 | 2707 | 2843 | 0П26 | 29П09 | 28937 |
| 11S | 0Υ00 | 0834 | 28814 | 27П02 | 26533 | 1Υ03 | 1834 | 29809 | 27 Д 57 | 27531 | 2Υ07 | 2834 | 0П05 | 28П52 | 28529 |
| 12S | 0Υ00 | 0826 | 27853 | 26耳46 | 26ඉ26 | 1Υ03 | 1825 | 28848 | 27Ⅲ41 | 27524 | 2Υ06 | 2825 | 29843 | 28П36 | 28\$22 |
| 13S | 0Υ00 | 0817 | 27833 | 26П29 | 26918 | 1 γ 03 | 1816 | 28828 | 27П24 | 279516 | 2Υ06 | 2816 | 29822 | 28 П 19 | 28514 |
| 14S | 0Υ00 | 0809 | 27812 | 26П12 | 26510 | 1 Υ 03 | 1808 | 28807 | 27П07 | 27508 | 2Υ06 | 2807 | 29801 | 28П02 | 28506 |
| 15S | 0Υ00 | 0800 | 26851 | 25 II 55 | 26902 | 1 Υ 02 | 0859 | 27846 | 26П50 | 27500 | 2Υ05 | 1858 | 28840 | 27П45 | 27959 |
| 16S 17S | 0Υ00 0Υ00 | 29 \cdot 52 29 \cdot 43 | 26 8 31 26 8 10 | 25 II 38 25 II 21 | 25©54 25©46 | 1 Y 02 1 Y 02 | 0850 | 27825 | 26 II 33 26 II 16 | 26©52 26©44 | 2°705 2°705 | 1848 1839 | 28819 | 27 II 28 | 27©51 27©43 |
| 17S 18S | 0Υ00 0Υ00 | 29 Y 45 29 Y 35 | 25849 | 25 II 03 | 25938 | 1 Υ 02 1 Υ 02 | 0841 0832 | 27 8 04 26 8 43 | 25 II 58 | 26936 | 2 Υ 03 2 Υ 04 | 1830 | 27 8 58 27 8 37 | 27 II 10 26 II 53 | 27934 |
| 19S | 0Υ00 | 29Y26 | 25828 | 24 II 46 | 25@29 | 1 γ 02 | 0824 | 26822 | 25 II 40 | 26528 | 2Υ04 | 1821 | 27815 | 26 Д 35 | 27526 |
| 20S | 0 Υ 00 | 29Ƴ17 | 25807 | 24П28 | 25@21 | 1 7 02 | 0815 | 26800 | 25 Д23 | 26\$19 | 2 7 04 | 1812 | 26854 | 26П17 | 279518 |
| 21S | 0Υ00 | 29Υ09 | 24846 | 24 II 10 | 25@12 | 1 γ 01 | 0806 | 25839 | 25 II 04 | 26911 | 2Υ03 | 1803 | 26832 | 25 II 59 | 27509 |
| 22S | 0Υ00 | 29Ƴ00 | 24825 | 23 Д 52 | 25ഇ03 | 1 Υ 01 | 29 Ƴ 57 | 25818 | 24Ⅱ46 | 26©02 | 2Y03 | 0854 | 26811 | 25 11 41 | 27901 |
| 23S | 0Υ00 | 28Υ51 | 24804 | 23 Д 33 | 24954 | 1 γ 01 | 29Υ48 | 24856 | 24П27 | 25953 | 2Υ03 | 0845 | 25849 | 25 П 22 | 26952 |
| 248 | 0 Y 00 | 28Ƴ42 | 23842 | 23 П 14 | 24945 | 1 Y 01 | 29Ƴ39 | 24835 | 24II08 | 259644 | 2 7 0 2 | 0835 | 25827 | 25 П 03 | 26543 |
| 25S | 0Υ00 | 28 Ƴ 34 | 23821 | 22 Д 55 | 24936 | 1 γ 01 | 29 ℃ 30 | 24813 | 23 Д 49 | 25935 | 2Υ02 | 0826 | 25805 | 24 11 44 | 26534 |
| 26S 27S | 0Υ00 0Υ00 | 28 \cdot 25 28 \cdot 16 | 22 8 59 22 8 37 | 22 II 36 22 II 16 | 24©26 24©17 | 1 Υ 01 1 Υ 00 | 29 ° 21 29 ° 11 | 23 8 51 23 8 29 | 23 II 30 23 II 10 | 25©25 25©16 | 2Υ02 2Υ01 | 0816 0807 | 24843 24820 | 24 II 24 24 II 04 | 26©24 26©15 |
| 28S | 0Υ00 | 28 Y 07 | 22815 | 21 II 56 | 24907 | 1 γ 00 | 29 Y 02 | 23806 | 22 II 50 | 25906 | 2 γ 01 | 29 Y 57 | 23858 | 23 II 44 | 26905 |
| 29S | 0Υ00 | 27Y57 | 21853 | 21 Д 35 | 23957 | 1Υ00 | 28Y53 | 22844 | 22 П 29 | 24956 | 2Υ01 | 29 Y 48 | 23835 | 23 Д23 | 25955 |
| 30S | 0 Υ 00 | 27Ƴ48 | 21831 | 21 Д 14 | 23546 | 1Υ00 | 28Ƴ43 | 22821 | 22П08 | 249645 | 2700 | 29 Y 38 | 23812 | 23 П 02 | 25945 |
| 31S | 0Υ00 | 27Υ39 | 21808 | 20 Д 53 | 23536 | 1Υ00 | 28Y33 | 21858 | 21 Д47 | 24935 | 2Υ00 | 29Y28 | 22849 | 22 Д 40 | 25934 |
| 32S | 0 Υ 00 | 27 Ƴ 30 | 20845 | 20耳31 | 23ණ25 | 0Υ59 | 28Ƴ24 | 21835 | 21 Д25 | 24524 | 1 Υ 59 | 29 Y 18 | 22825 | 22 П 19 | 25ණ23 |
| 33S | 0Υ00 0Υ00 | 27Υ20 | 20822 | 20月09 | 23514 | 0Υ59 0Υ59 | 28 Y 14 | 21812 | 21 11 02 | 245513 | 1 Υ 59 | 29Υ08 | 22801 | 21 Д 56 | 25@12 |
| 348 | | 27 Υ 10 | 19859 | 191146 | 23502 | | 28 ℃ 04 | 20848 | 201140 | 24501 | 1Υ59 | 28 Y 58 | 21837 | 21 ДЗЗ | 25501 |
| 35S 36S | 0Υ00 0Υ00 | 27\cdot\01 26\cdot\51 | 19 8 35 | 19П23 18П59 | 22@50 22@38 | 0Υ59 0Υ59 | 27 Υ 54 27 Υ 44 | 20824 20800 | 20 II 16 19 II 52 | 23549 | 1 Y 58 | 28 \(\cdot 47 \) 28 \(\cdot 37 \) | 21813 20848 | 21 II 10 20 II 46 | 24 © 49 24 © 37 |
| 37S | 0Υ00 | 26 Y 41 | 18847 | 18 II 35 | 22938 | 0Υ58 | 27 Y 33 | 19835 | 19П32 | 23925 | 1 Υ 57 | 28 Y 26 | 20823 | 20 II 40 20 II 21 | 24937 |
| 38S | 0Υ00 | 26 Ƴ 30 | 18822 | 18耳10 | 22512 | 0Υ58 | 27Y23 | 19810 | 19П03 | 23512 | 1Υ57 | 28Υ15 | 19858 | 19П56 | 24911 |
| 39S | 0 Υ 00 | 26℃20 | 17857 | 17Ⅱ44 | 21 5 5 9 | 0Υ58 | 27 Ƴ 12 | 18845 | 18П37 | 22\$58 | 1 Υ 57 | 28 Y 04 | 19832 | 19П30 | 23\$58 |
| 40S | 0 Υ 00 | 26 ℃ 10 | 17832 | 17 I 18 | 21 5 45 | 0Υ58 | 27Ƴ01 | 18819 | 18 I I10 | 225644 | 1 Υ 56 | 27 Y 53 | 19806 | 19П03 | 235644 |
| 418 | 0Υ00 | 25 Υ 59 | 17806 | 16П51 | 21530 | 0Υ58 | 26Υ50 | 17853 | 17Ⅱ43 | 22530 | 1Υ56 | 27°Y42 | 18840 | 18 Д 35 | 23530 |
| 42S 43S | 0Υ00 0Υ00 | 25 \ \ 48 25 \ \ 37 | 16 8 40 | 16П23 15П54 | 21©15 20©59 | 0 ° 57 0 ° 57 | 26 Y 39 26 Y 28 | 17 8 26 16 8 59 | 17 I I15 16 I I46 | 22©15 21©59 | 1Υ55 1Υ55 | 27 Y 30 27 Y 18 | 18 8 13 17 8 45 | 18П07 17П38 | 23©15 22©59 |
| 43S 44S | 0Υ00 | 25Υ26 | 15846 | 15 II 34 15 II 24 | 20939 | 0Υ57 | 26Υ16 | 16839 | 16 I I16 | 21939 | 1 γ 53 | 27Υ06 | 17843 | 17 II 38 17 II 07 | 225643 |
| 45S | 0Υ00 | 25 ℃ 14 | 15818 | 14П54 | 20\$26 | 0Υ57 | 26℃04 | 16804 | 15П45 | 21\$26 | 1Υ54 | 26 Y 54 | 16849 | 16Д36 | 22526 |
| 46S | 0Υ00 | 25 Υ 02 | 14850 | 14 II 22 | 20908 | 0Υ56 | 25 Y 52 | 15835 | 15 II 13 | 219520 | 1 γ 53 | 26 Y 42 | 16820 | 16耳04 | 22508 |
| 47S | 0Υ00 | 24⋎50 | 14822 | 13П49 | 19549 | 0Υ56 | 25Ƴ40 | 15806 | 14 I I40 | 20\$49 | 1Υ53 | 26Y29 | 15850 | 15Д31 | 21@50 |
| 48S | 0Υ00 | 24Y38 | 13852 | 13 II 15 | 19529 | 0Υ56 | 25 ℃ 27 | 14836 | 14 11 05 | 20530 | 1 Υ 52 | 26Y16 | 15820 | 14П56 | 21530 |
| 49S | 0Υ00 | 24 ℃ 25 | 13823 | 12 Д 40 | 19509 | 0Υ56 | 25 ℃ 14 | 14806 | 13 11 30 | 20509 | 1Υ52 | 26°Y02 | 14849 | 14 Д 20 | 21510 |
| 50S | 0Υ00 | 24 Y 12 | 12852 | 12 Д 03 | 18947 | 0Υ55 | 25Y00 | 13835 | 12 Д 53 | 19547 | 1Υ51 | 25 Y 48 | 14818 | 13 Д 42 | 20548 |
| 51S 52S | 0Υ00 0Υ00 | 23 \gamma 59 23 \gamma 46 | 12 8 21 11 8 49 | 11 Д 25 10 Д 45 | 18 © 23 | 0Υ55 0Υ55 | 24 \cdot 47 24 \cdot 33 | 13 8 03 12 8 30 | 12 II 14 11 II 34 | 19©24 18©59 | 1Υ50 1Υ50 | 25 \gamma 34 25 \gamma 20 | 13 8 45 13 8 12 | 13 п 03 12 п 23 | 20©25 20©00 |
| 53S | 0Υ00 0Υ00 | 23 Y 40 23 Y 32 | 11816 | 10月43 | 17939 | 0Υ53 0Υ54 | 24 Y 33 | 11857 | 10 II 52 | 18933 | 1 γ 30 | 25 Y 20 25 Y 05 | 12838 | 12 II 23 11 II 40 | 19534 |
| 54S | 0Υ00 | 23 Y 17 | 10843 | 9Д20 | 17504 | 0Υ54 | 24Υ03 | 11823 | 10Д08 | 18505 | 1Υ49 | 24 Y 50 | 12804 | 10Д56 | 19506 |
| 55S | 0Υ00 | 23 ℃ 02 | 10808 | 8Д35 | 16934 | 0Υ54 | 23 ℃ 48 | 10848 | 9п22 | 17935 | 1Υ48 | 24 Y 34 | 11828 | 10п10 | 18536 |
| 56S | 0Υ00 | 22 Ƴ 47 | 9833 | 7П48 | 16©01 | 0 Υ 53 | 23 ℃ 32 | 10812 | 8Д34 | 17502 | 1 Ƴ 47 | 24 Y 18 | 10852 | 9П21 | 18504 |
| 57S | 0Υ00 | 22 Y 32 | 8857 | 6Д58 | 15926 | 0Υ53 | 23 Y 16 | 9835 | 7 II 44 | 16927 | 1Υ46 | 24 \(\chi 01 \) | 10814 | 8Д30 | 17529 |
| 58S 59S | 0Υ00 0Υ00 | 22 ° 15 21 ° 59 | 8 8 19 7 8 41 | 6П06 5П11 | 14947 14905 | 0Υ53 0Υ52 | 22 \gamma 59 22 \gamma 42 | 8857 8818 | 6Д51 5Д55 | 15©48 15©06 | 1Υ46 1Υ45 | 23 \cdot 44 23 \cdot 26 | 9 8 35 8 8 56 | 7П36 6П40 | 16©50 16©08 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 0Υ00 0Υ00 | 21 \gamma41 21 \gamma23 | 7802 6821 | 4П13 3П12 | 13©18 12©25 | 0 ° 52 0 ° 51 | 22 \cdot 24 \\ 22 \cdot 06 | 7838 6857 | 4Ц56 3Ц54 | 14©19 13©26 | 1 Υ 44 1 Υ 43 | 23 \(\cdot 07 \) 22 \(\cdot 48 \) | 8 8 15 7 8 33 | 5П40 4П37 | 15©21 14©28 |
| 62S | 0Υ00 | 21 Y 25 21 Y 05 | 5839 | 2П07 | 11924 | 0 Υ 51 0 Υ 51 | 21 Y 46 | 6814 | 2П48 | 12526 | 1 γ 43 | 22 Y 28 | 6849 | 3 Д 30 | 13928 |
| 63S | 0Υ00 | 20 ° 45 | 4856 | 0Д59 | 10514 | 0Υ50 | 21 Y 26 | 5 8 30 | 1 Д 39 | 11515 | 1Υ41 | 22 Y 07 | 6805 | 2П19 | 12518 |
| 64S | 0Υ00 | 20℃25 | 4812 | 29846 | 8948 | 0Υ50 | 21℃06 | 4845 | 0П25 | 9\$50 | 1 Y 40 | 21 Y 46 | 5818 | 1П04 | 10ഇ53 |
| 65S | 0 Y 00 | 20Ƴ04 | 3825 | 28829 | 6959 | 0Ƴ49 | 20Ƴ44 | 3 8 58 | 29806 | 8501 | 1 Y 39 | 21 7 23 | 4831 | 29844 | 9ഇ05 |
| 66S | 0Υ00 | 19 ℃ 42 | 2838 | 27807 | 4915 | 0Υ49 | 20Y21 | 3810 | 27843 | 5918 | 1Υ38 | 21 7 00 | 3841 | 28819 | 6922 |
| pc | 0Υ00 | 19Ƴ30 | 2810 | 26818 | 0000 | 0Υ49 | 20℃08 | 2842 | 26853 | 19921 | 1Υ38 | 20 ℃ 47 | 3813 | 27828 | 29643 |

| | Sid.Tir MC: | | 12m A 7'16 | RMC: 3 | 33°00' | Sid.Tir MC: | ne: 22h | 16m A 0'18 | RMC: 3 | 334°00' | Sid.Tir MC: | ne: 22h2 | 20m A 03'29 | RMC: 3 | 335°00' |
|------------|------------------|----------------------------------|----------------|----------------------|----------------|------------------|------------------------------|----------------------------------|----------------------|----------------------------------|------------------|----------------------------|----------------------------------|----------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 3Υ16 | 5817 | 4 I I56 | 2545 | 0.047 | 4 Ƴ 21 | 6819 | 5II53 | 35640 | 1 2 4 5 | 5Υ26 | 7821 | 6Ц50 | 4935 | 2 N 43 |
| 1S | 3Υ15 | 5807 | 4П34 | 2529 | 0Ω40 | 4Υ20 | 6809 | 5Д31 | 3524 | 1 2 3 8 | 5Υ26 | 7810 | 6П28 | 4519 | 2036 |
| 2S 3S | 3Υ15 3Υ14 | 4858 4848 | 4II 12 | 2513 | 0£33 | 4Υ20 4Υ19 | 5859 | 5 II 09 4 II 47 | 3508 | 1.031 | 5Υ25 5Υ24 | 7800 | 6H05 | 4503 | 2 \Omega 2 \ |
| 4S | 3Υ14 3Υ14 | 4839 | 3П51 3П29 | 1957 19541 | 0Ω26 0Ω19 | 4Υ19 4Υ18 | 5849 5839 | 4H47 4H25 | 2552 2536 | 1 Ω 24 1 Ω 17 | 5Υ24 5Υ23 | 6850 6840 | 5 II 43 5 II 22 | 3 5 4 7 3 5 3 1 | 2 <i>8</i> 122 2 <i>α</i> 15 |
| 5S | 3Υ13 | 4829 | 3П08 | 19525 | 0Ω11 | 4γ18 | 5830 | 4 I 104 | 2520 | 1Ω10 | 5γ22 | 6830 | 5Д00 | 3915 | 2Ω08 |
| 6S | 3 Υ 13 | 4829 | 2П46 | 1909 | 0 Ω 04 | 4Υ17 | 5820 | 3 II 42 | 2504 | 1802 | 5Υ21 | 6820 | 4 I I38 | 2959 | 2 Ω 01 |
| 7S | 3Υ12 | 4810 | 2П25 | 0ഇ53 | 29957 | 4Υ16 | 5811 | 3 Д 21 | 19548 | 0ω55 | 5Υ21 | 6811 | 4П16 | 29643 | 1 254 |
| 8S | 3Y12 | 4801 | 2П03 | 0ഇ36 | 29\$50 | 4Υ16 | 5801 | 2П59 | 1 5 3 2 | 0Ω48 | 5Υ20 | 6801 | 3Д55 | 2927 | 1 Ω 47 |
| 9S | 3Y11 | 3852 | 1 Д 42 | 0920 | 295642 | 4Υ15 | 4851 | 2П38 | 19915 | 0Ω41 | 5Υ19 | 5851 | 3П33 | 2510 | 1 239 |
| 10S | 3Υ11 | 3842 | 1П21 | 0©04 | 29\$35 | 4Υ15 | 4842 | 2П16 | 0959 | 0⋒34 | 5Υ18 | 5841 | 3П11 | 1954 | 1 2 32 |
| 118 | 3Υ10 | 3833 | 1 11 00 | 29 Д 47 | 29528 | 4Υ14 | 4832 | 1 II 55 | 0942 | 0Ω26 | 5Υ17 | 5832 | 2Д50 | 1937 | 1 Ω 25 |
| 12S 13S | 3Υ10 3Υ09 | 3824 3815 | 0Д38 0Д17 | 29П31 29П14 | 29©20 29©13 | 4Υ13 4Υ13 | 4823 4813 | 1 П 33 | 0 © 26 | 0Ω19 0Ω11 | 5Υ17 5Υ16 | 5822 5812 | 2П28 2П06 | 1©21 1©04 | 1Ω17 1Ω10 |
| 14S | 3Υ09 | 3805 | 29856 | 28 Д 57 | 29905 | 4Υ12 | 4804 | 0П50 | 29 Д 52 | 0 Ω 04 | 5Υ15 | 5802 | 1П45 | 0947 | 1 & 02 |
| 15S | 3 Y 08 | 2856 | 29834 | 28 11 40 | 28957 | 4Υ11 | 3854 | 0П29 | 29П35 | 29\$56 | 5Υ14 | 4853 | 1П23 | 0ഇ30 | 0ຄ55 |
| 16S | 3Υ08 | 2847 | 29813 | 28 Д 23 | 28949 | 4Υ11 | 3845 | 0П07 | 29 Д 18 | 29948 | 5Υ13 | 4843 | 1Д01 | 0 9 30 | 0 Ω 47 |
| 17S | 3Υ07 | 2837 | 28852 | 28П05 | 285641 | 4Υ10 | 3835 | 29846 | 29П00 | 29\$40 | 5Υ13 | 4833 | 0П39 | 29П55 | 0ω39 |
| 18S | 3Υ07 | 2828 | 28830 | 27 II 48 | 28533 | 4Υ09 | 3826 | 29824 | 28 Д 43 | 29532 | 5Υ12 | 4823 | 0П17 | 29 Д 38 | 0ω31 |
| 19S | 3Υ06 | 2819 | 28809 | 27Д30 | 28925 | 4Υ09 | 3816 | 29802 | 28П25 | 29524 | 5Υ11 | 4814 | 29855 | 29П20 | 0Ω23 |
| 20S | 3Υ06 | 2809 | 27847 | 27 II 12 | 28517 | 4Υ08 | 3807 | 28840 | 28 II 07 | 29516 | 5Υ10 | 4804 | 29833 | 29 II 02 | 0Ω15 |
| 21S 22S | 3Υ05 3Υ05 | 2800 1851 | 27825 27803 | 26 II 54 26 II 35 | 28508 28500 | 4Υ07 4Υ07 | 2857 2847 | 28 8 18 27 8 56 | 27 II 48 27 II 30 | 29©07 28©59 | 5Υ09 5Υ08 | 3854 3844 | 29 8 11 28 8 49 | 28 II 43 28 II 25 | 0Ω07 29©58 |
| 23S | 3Υ04 | 1841 | 26841 | 26 II 16 | 27951 | 4Υ06 | 2837 | 27834 | 27 II 30 | 28950 | 5Υ07 | 3834 | 28826 | 28 II 06 | 29949 |
| 24S | 3Υ04 | 1831 | 26819 | 25 Д 57 | 275642 | 4Υ05 | 2828 | 27811 | 26П52 | 285641 | 5 Υ 07 | 3824 | 28804 | 27П47 | 29\$41 |
| 25S | 3 Y 03 | 1822 | 25857 | 25 Д 38 | 27933 | 4Υ05 | 2818 | 26849 | 26П33 | 28532 | 5Υ06 | 3814 | 27841 | 27 Д27 | 29\$32 |
| 26S | 3 Y 03 | 1812 | 25834 | 25 II 18 | 27ණ23 | 4Υ04 | 2808 | 26826 | 26П13 | 28523 | 5Υ05 | 3803 | 27818 | 27П07 | 29\$23 |
| 27S | 3Υ02 | 1802 | 25812 | 24П58 | 279514 | 4Υ03 | 1858 | 26803 | 25 Д 53 | 28513 | 5Υ04 | 2853 | 26855 | 26 Д 47 | 29513 |
| 28S 29S | 3Υ02 3Υ01 | 0853 0843 | 24849 24826 | 24 II 38 24 II 17 | 27©04 26©54 | 4Υ02 4Υ02 | 1848 1837 | 25 8 40 25 8 17 | 25 II 32 25 II 11 | 28©04 27©54 | 5 Y 03 5 Y 02 | 2843 2832 | 26 8 31 26 8 08 | 26 II 27 26 II 06 | 29©04 28©54 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 3Υ01 3Υ00 | 0833 0822 | 24802 23839 | 23 II 56 23 II 34 | 26534 26534 | 4Υ01 4Υ00 | 1827 1817 | 24853 24829 | 24 II 50 24 II 28 | 27 9 44 27 9 33 | 5Υ01 5Υ00 | 2822 2811 | 25 8 44 25 8 20 | 25 II 44 25 II 23 | 28 9 44 28 9 33 |
| 32S | 2Υ59 | 0812 | 23815 | 23 II 12 | 26923 | 3Υ59 | 1806 | 24805 | 24 Д 06 | 27923 | 4Υ59 | 2800 | 24855 | 25 II 00 | 28923 |
| 33S | 2Y59 | 0802 | 22851 | 22 Д 50 | 26512 | 3Υ59 | 0855 | 23841 | 23 Д 44 | 27ණ12 | 4Υ58 | 1849 | 24831 | 24П38 | 28512 |
| 34S | 2Y58 | 29Ƴ51 | 22827 | 22 Д 27 | 26901 | 3Υ58 | 0845 | 23816 | 23 Д 20 | 27901 | 4Υ57 | 1838 | 24806 | 24П14 | 28501 |
| 35S | 2 Y 58 | 29Ƴ41 | 22802 | 22 Д 03 | 25949 | 3 Y 57 | 0834 | 22851 | 22 Д 57 | 26949 | 4Υ56 | 1827 | 23840 | 23 Д 50 | 275649 |
| 36S | 2Υ57 | 29Υ30 | 21837 | 21 Д 39 | 25937 | 3 Υ 56 | 0823 | 22826 | 22 Д 32 | 26537 | 4Υ55 | 1815 | 23815 | 23 Д26 | 27937 |
| 37S 38S | 2Υ56 2Υ56 | 29 ° 19 29 ° 08 | 21812 20846 | 21 II 14 20 II 49 | 25©24 25©12 | 3 Υ 55 3 Υ 55 | 0811 | 22800 21834 | 22 II 07 21 II 42 | 26©25 26©12 | 4Υ54 4Υ53 | 1804 0852 | 22 8 49 22 8 22 | 23 II 01 22 II 35 | 27©25 27©12 |
| 39S | 2Υ55 | 28Y56 | 20820 | 20П22 | 24958 | 3Υ54 | 29°Y48 | 21808 | 21 Д 15 | 25@59 | 4Υ52 | 0840 | 21855 | 22 Д 09 | 26959 |
| 40S | 2 Y 54 | 28Ƴ45 | 19853 | 19П56 | 249544 | 3 Y 53 | 29Y36 | 20841 | 20П48 | 25945 | 4Υ51 | 0828 | 21828 | 21 Д41 | 26946 |
| 41S | 2Υ54 | 28 Y 33 | 19827 | 19П28 | 24530 | 3Υ52 | 29Y24 | 20813 | 20 II 20 | 25@31 | 4Υ50 | 0816 | 21800 | 21 П 13 | 26\$32 |
| 42S | 2Y53 | 28Ƴ21 | 18859 | 18П59 | 24915 | 3 Y 51 | 29 Y 12 | 19846 | 19П52 | 25 ව 16 | 4Υ49 | 0803 | 20832 | 20П44 | 26917 |
| 43S | 2Υ52 | 28Υ09 | 18831 | 18II 30 | 24500 | 3 Υ 50 | 29Υ00 | 19817 | 19П22 | 25900 | 4Υ48 | 29Υ50 | 20804 | 20 II 14 | 26502 |
| 44S | 2Υ52 | 27 Υ 57 | 18803 | 17Д59 | 235544 | 3 γ 49 | 28 ℃ 47 | 18849 | 18 I I51 | 249644 | 4Υ46 | 29Υ37 | 19834 | 19П43 | 25946 |
| 45S 46S | 2Υ51 2Υ50 | 27 Y 44 27 Y 31 | 17834 17805 | 17Д28 16Д55 | 23527 | 3 ° 48 3 ° 47 | 28 \gamma 34 28 \gamma 21 | 18 8 19 17 8 49 | 18Д20 17Д47 | 24©28 24©10 | 4Υ45 4Υ44 | 29 Y 24 29 Y 10 | 19 8 05 18 8 34 | 19П12 18П38 | 25©29 25©11 |
| 40S 47S | 2Υ49 | 27Υ18 | 16834 | 16耳22 | 22951 | 3 Υ 47 3 Υ 46 | 28 Y 07 | 17849 | 17 II 47 17 II 13 | 23952 | 4Υ43 | 28 Y 56 | 18803 | 18耳04 | 24953 |
| 48S | 2 Y 49 | 27Ƴ04 | 16804 | 15П47 | 22531 | 3 ℃ 45 | 27Y53 | 16848 | 16П37 | 23532 | 4 Υ 41 | 28 Y 42 | 17831 | 17П28 | 24934 |
| 49S | 2 Y 48 | 26℃51 | 15832 | 15 Д 10 | 22511 | 3 Υ 44 | 27Ƴ39 | 16816 | 16耳01 | 23512 | 4Υ40 | 28 Y 27 | 16859 | 16耳51 | 24514 |
| 50S | 2 Y 47 | 26Ƴ36 | 15800 | 14 Д 32 | 215649 | 3Υ43 | 27Ƴ24 | 15843 | 15 Д 22 | 22\$50 | 4Υ38 | 28 Y 12 | 16826 | 16П13 | 23@52 |
| 51S | 2Υ46 | 26Y22 | 14828 | 13 II 53 | 21526 | 3 Υ 41 | 27Υ09 269654 | 15810 | 14 11 43 | 22527 | 4Υ37 | 27°57 | 15852 | 15 II 33 | 23529 |
| 52S 53S | 2Υ45 2Υ44 | 26 ° 07 25 ° 52 | 13854 13820 | 13 II 12 12 II 29 | 21©01 20©35 | 3 Υ 40 3 Υ 39 | 26 \gamma 54 \\ 26 \gamma 38 | 14 8 36 14 8 01 | 14 II 01 13 II 18 | 22©03 21©37 | 4Υ35 4Υ34 | 27\dagger41 27\dagger25 | 15 8 17 14 8 42 | 14 II 51 14 II 07 | 23©05 22©39 |
| 54S | 2Υ43 | 25 Υ 36 | 12844 | 11 Д 44 | 20908 | 3Υ38 | 26Υ22 | 13825 | 12 Д 32 | 21957 | 4Υ32 | 27 Υ 23 27 Υ 08 | 14806 | 13 Д21 | 22539 |
| 55S | 2Υ42 | 25℃20 | 12808 | 10 Д 57 | 19538 | 3 Y 36 | 26Y05 | 12848 | 11 Д 45 | 20940 | 4Υ30 | 26Y51 | 13828 | 12 Д 33 | 21 5 42 |
| 56S | 2Υ41 | 25 Y 03 | 11831 | 10Д37 | 19505 | 3Υ35 | 25 ° 48 | 12810 | 10Д55 | 20508 | 4Υ29 | 26 Y 33 | 12850 | 11 Д 42 | 21510 |
| 57S | 2Y40 | 24Ƴ46 | 10853 | 9П16 | 18530 | 3Υ33 | 25 Ƴ 30 | 11831 | 10 Д 03 | 19533 | 4Υ27 | 26Y15 | 12810 | 10П49 | 20536 |
| 58S | 2Υ39 | 24Y28 | 10814 | 8 Д 22 | 17952 | 3Υ32 | 25 Y 12 | 10852 | 9п07 | 18955 | 4Υ25 | 25 Y 56 | 11830 | 9Д53 | 19558 |
| 59S | 2Υ38 | 24 ℃ 09 | 9833 | 7П24 | 17910 | 3 γ 30 | 24Υ53 | 10811 | 8П09 | 18513 | 4Υ23 | 25 Y 36 | 10848 | 8Д54 | 19516 |
| 60S | 2Υ36 | 23Υ50 | 8852 | 6П24 | 16923 | 3Υ29 | 24 Y 33 | 9828 | 7II 08 | 17526 | 4Υ21 | 25 Y 16 | 10805 | 7Д52 | 18530 |
| 61S 62S | 2Υ35 2Υ34 | 23 \gamma 30 23 \gamma 10 | 8809 7825 | 5П20 4П12 | 15©31 14©31 | 3Υ27 3Υ25 | 24 Y 13 23 Y 51 | 8845 8800 | 6П03 4П54 | 16 9 34 | 4Υ19 4Υ17 | 24 \cdot 55 24 \cdot 33 | 9820 8835 | 6П46 5П35 | 17 5 38 |
| 63S | 2 Υ 34 2 Υ 32 | 22°48 | 6839 | 3 II 00 | 13921 | 3 Υ 23 3 Υ 23 | 23 Υ 29 | 7 8 13 | 3 Д 40 | 14925 | 4Υ14 | 24 Y 10 | 7847 | 4Π21 | 15930 |
| 64S | 2Υ31 | 22Υ26 | 5852 | 1П43 | 11957 | 3Υ21 | 23 Y 07 | 6825 | 2П22 | 13501 | 4Υ12 | 23 Y 47 | 6859 | 3Д01 | 14506 |
| 65S | 2Y29 | 22♈03 | 5803 | 0Д21 | 10509 | 3Υ19 | 22 ° 43 | 5836 | 0П59 | 115514 | 4Υ09 | 23 Y 22 | 6808 | 1Д37 | 12520 |
| 66S | 2Y28 | 21Ƴ39 | 4813 | 28854 | 7গু28 | 3Υ17 | 22 Y 18 | 4844 | 29830 | 8গু36 | 4Υ06 | 22 Y 57 | 5816 | 0П06 | 9945 |
| pc | 2 Y 27 | 21 ℃ 25 | 3844 | 28803 | 4905 | 3Y16 | 22 Y 03 | 4815 | 28838 | 5927 | 4Υ05 | 22 Y 42 | 4846 | 29813 | 6950 |

| | Sid.Tir MC: | | 24m A 96'50 | RMC: 3 | 36°00' | Sid.Tir MC: | | 28m A 0'20 | RMC: 3 | 337°00' | Sid.Tii MC: | ne: 22h; 6)(1 | 32m A 3'59 | RMC: 3 | 338°00' |
|------------|----------------|-----------------------------------|----------------------------------|----------------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|-----------------------------------|------------------|--------------------------------|-------------------------------|----------------------------------|--------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 6Y32 | 8822 | 7П46 | 5930 | 3⋒41 | 7 Ƴ 37 | 9823 | 8П43 | 6©25 | 4£39 | 8 Y 42 | 10824 | 9п39 | 7ණ20 | 5ณ38 |
| 1S | 6Y31 | 8812 | 7П24 | 5914 | 3⋒34 | 7 Y 36 | 9813 | 8П20 | 6909 | 4£32 | 8 Υ 41 | 10814 | 9п17 | 7905 | 5Ω31 |
| 2S | 6Υ30 | 8801 | 7II 02 | 4958 | 3 & 27 | 7Υ35 | 9802 | 7II58 | 5953 | 4 \O 26 | 8Υ39 | 10803 | 8II 54 | 6949 | 5 Ω 24 |
| 3S 4S | 6Υ29 6Υ28 | 7851 7841 | 6П40 6П18 | 4942 4926 | 3 € 20 3 € 13 | 7 Y 33 7 Y 32 | 8852 8841 | 7Д36 7Д14 | 5938 5922 | 4Ω19 4Ω12 | 8 Y 38 8 Y 37 | 9852 9842 | 8П32 8П09 | 6933 6917 | 5Ω17 5Ω11 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 6Υ27 6Υ26 | 7831 7821 | 5Ц56 5Ц34 | 4910 3954 | 3Ω06 2Ω59 | 7 Y 31 7 Y 30 | 8831 8821 | 6П51 6П29 | 5©06 4©50 | 4Ω05 3Ω58 | 8 Y 3 6 | 9831 9820 | 7П47 7П25 | 6 ඉ 01 5 ඉ 45 | 5Ω04 4Ω57 |
| 7S | 6Υ25 | 7811 | 5II12 | 3938 | 2 N 52 | 7Υ29 | 8810 | 6П07 | 4933 | 3251 | 8Y33 | 9810 | 7II 03 | 5929 | 4 \$\Omega 50\$ |
| 8S | 6Υ24 | 7801 | 4 I I50 | 3522 | 2⋒45 | 7Ƴ28 | 8800 | 5Ц45 | 4917 | 3 € 44 | 8Y32 | 9800 | 6П41 | 5ഇ12 | 4 <i>Ω</i> 43 |
| 9S | 6Y23 | 6851 | 4 I I28 | 3906 | 2⋒38 | 7 Ƴ 27 | 7850 | 5П23 | 4901 | 3 a 37 | 8 Y 30 | 8849 | 6П18 | 4956 | 4 Ω 36 |
| 10S | 6Y22 | 6841 | 4 I I06 | 2949 | 2 N 31 | 7Ƴ26 | 7 8 40 | 5Д01 | 3944 | 3 A 30 | 8 Y 29 | 8839 | 5Ц56 | 4গু40 | 4 <i>Ω</i> 29 |
| 118 | 6Υ21 | 6831 | 3 Д 45 | 2533 | 2024 | 7 ° 24 | 7830 | 4П39 | 3528 | 3 \Omega 23 | 8Υ28 | 8828 | 5П34 | 4923 | 4 \Omega 22 |
| 12S 13S | 6Υ20 6Υ19 | 6821 6811 | 3П23 3П01 | 2©16 1©59 | 2Ω16 2Ω09 | 7 ° 23 7 ° 22 | 7819 7809 | 4П17 3П55 | 3511 2554 | 3 N 16 | 8Υ27 8Υ25 | 8818 8818 | 5П12 4П50 | 4907 3950 | 4Ω15 4Ω08 |
| 14S | 6Υ18 | 6801 | 2Д39 | 1937 | 2002 | 7Υ21 | 6859 | 3П33 | 2937 | 3200 | 8Υ24 | 7857 | 4H28 | 3933 | 4Ω00 |
| 15S | 6Y17 | 5851 | 2П17 | 1ഇ25 | 1ω54 | 7Υ20 | 6849 | 3П11 | 2520 | 2253 | 8Υ23 | 7847 | 4 I I05 | 3916 | 3 2 5 3 |
| 16S | 6Υ16 | 5841 | 1 Д 55 | 1908 | 1 Ω 46 | 7Υ19 | 6839 | 2П49 | 2903 | 20146 | 8Υ21 | 7836 | 3 Д 43 | 2958 | 3 N 45 |
| 17S | 6Y15 | 5831 | 1Д33 | 0ණ50 | 1 238 | 7 ⋎ 18 | 6828 | 2П27 | 19545 | 2 2 3 8 | 8Υ20 | 7826 | 3П21 | 29541 | 3⋒38 |
| 18S | 6Υ14 | 5821 | 1111 | 0933 | 1.031 | 7Υ16 | 6818 | 21104 | 19528 | 2030 | 8Y19 | 7815 | 2Д58 | 2523 | 3 2 3 3 0 |
| 19S | 6Y13 | 5811 | 0П49 | 0ഇ15 | 1 Ω 23 | 7 Υ 15 | 6808 | 1 П 42 | 19510 | 2 & 2 2 2 | 8 Y 17 | 7805 | 2П35 | 2905 | 3 22 |
| 208 | 6Υ12 | 5801 | 0П26 | 29П57 | 1014 | 7°14 | 5858 | 1 Д 20 | 0@52 | 2014 | 8Y16 | 6854 | 2Д13 | 19947 | 3.014 |
| 21S 22S | 6Υ11 6Υ10 | 4851 4840 | 0П04 29 8 41 | 29 II 38 29 II 20 | 1 ຄ 06 0 ຄ 58 | 7 ° 13 7 ° 12 | 5847 5837 | 0П57 0П34 | 0933 0915 | 2 N 06 1 N 58 | 8 Y 15 8 Y 13 | 6844 6833 | 1Д50 1Д27 | 1©28 1©10 | 3 N 06 2 N 58 |
| 23S | 6Υ09 | 4830 | 29819 | 29 II 01 | 0 Ω 49 | 7Υ11 | 5826 | 0Д34 | 29 Д 56 | 1 Ω 49 | 8Υ12 | 6822 | 1 Д 03 | 0951 | 20130 |
| 24S | 6Υ08 | 4820 | 28856 | 28П41 | 0 Ω 40 | 7 ⋎ 09 | 5816 | 29848 | 29П36 | 1 & 40 | 8 Y 11 | 6812 | 0П40 | 0931 | 2041 |
| 25S | 6 Y 07 | 4809 | 28833 | 28П22 | 0ຄ32 | 7 Υ 08 | 5805 | 29825 | 29П17 | 1 2 3 2 | 8Y09 | 6801 | 0п17 | 0ഇ12 | 2032 |
| 26S | 6 Y 06 | 3859 | 28809 | 28П02 | 0ຄ22 | 7 ⋎ 07 | 4854 | 29801 | 28П57 | 1 ຄ 23 | 8 Y 08 | 5850 | 29853 | 29П52 | 2 N 23 |
| 278 | 6Υ05 | 3848 | 27846 | 27 11 42 | 0Ω13 | 7Υ06 | 4844 | 28837 | 28 Д 37 | 1 2 13 | 8Υ06 | 5839 | 29829 | 29 Д 32 | 2Ω14 |
| 28S 29S | 6Υ04 6Υ03 | 3838 3827 | 27 8 22 26 8 58 | 27 II 21 27 II 00 | 0Ω04 29ഇ54 | 7 ° 04 7 ° 03 | 4833 4822 | 28 8 14 27 8 49 | 28 II 16 27 II 55 | 1Ω04 0Ω54 | 8 Y 05 8 Y 03 | 5827 5816 | 29 8 05 28 8 40 | 29 II 11 28 II 50 | 2Ω04 1Ω55 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 6Υ01 6Υ00 | 3816 3805 | 26 8 34 26 8 10 | 26 II 39 26 II 17 | 29©44 29©34 | 7 Υ 02 7 Υ 00 | 4811 3859 | 27825 27800 | 27 II 33 27 II 11 | 0Ω44 0Ω34 | 8 Y 02 8 Y 00 | 5805 4853 | 28 8 16 27 8 51 | 28 II 28 28 II 06 | 1 Ω 45 1 Ω 35 |
| 32S | 5Υ59 | 2854 | 25845 | 25 II 55 | 29@23 | 6Υ59 | 3848 | 26835 | 26耳49 | 0 Ω 24 | 7Υ59 | 4842 | 27825 | 27 II 44 | 1 & 25 |
| 33S | 5 Y 58 | 2843 | 25820 | 25 Д 32 | 29ഇ12 | 6 Υ 58 | 3836 | 26810 | 26П26 | 0Ω13 | 7 Y 57 | 4830 | 27800 | 27Ⅲ21 | 1Ω14 |
| 348 | 5 Y 57 | 2831 | 24855 | 25II 08 | 29©01 | 6Υ56 | 3825 | 25844 | 26П03 | 0002 | 7 Υ 56 | 4818 | 26834 | 26Ц57 | 1 203 |
| 35S | 5Y56 | 2820 | 24829 | 24 ∏ 44 | 28950 | 6Υ55 | 3813 | 25818 | 25 Ⅲ 38 | 29551 | 7Υ54 | 4806 | 26808 | 26 Д 33 | 0Ω52 |
| 36S 37S | 5Υ54 5Υ53 | 2808 1856 | 24 8 03 23 8 37 | 24 II 20 23 II 55 | 28©38 28©26 | 6°754 6°752 | 3801 2849 | 24852 24825 | 25 II 14 24 II 48 | 29©39 29©27 | 7Υ53 7Υ51 | 3854 3841 | 25 8 41 25 8 14 | 26 II 08 25 II 42 | 0Ω40 0Ω28 |
| 38S | 5Υ52 | 1844 | 23810 | 23 II 29 | 28 9 20 | 6Υ51 | 2836 | 23858 | 24 II 48 24 II 22 | 295514 | 7Υ49 | 3828 | 24846 | 25 II 16 | 08128 |
| 39S | 5Υ51 | 1832 | 22843 | 23 II 02 | 28900 | 6Υ49 | 2824 | 23831 | 23 Д 56 | 29501 | 7Υ48 | 3816 | 24819 | 24 II 49 | 0Ω03 |
| 40S | 5 Y 49 | 1820 | 22815 | 22П35 | 279347 | 6Υ48 | 2811 | 23803 | 23 Д28 | 28948 | 7Υ46 | 3803 | 23850 | 24П21 | 29\$50 |
| 41S | 5Υ48 | 1807 | 21847 | 22II 06 | 27533 | 6Ƴ46 | 1858 | 22834 | 22П59 | 28534 | 7 Ƴ 44 | 2849 | 23821 | 23 Д 53 | 29\$36 |
| 42S | 5Υ47 | 0854 | 21819 | 21 Д 37 | 27518 | 6Υ44 | 1845 | 22805 | 22 Д 30 | 28520 | 7Υ42 | 2836 | 22852 | 23 Д23 | 29521 |
| 43S 44S | 5Υ45 5Υ44 | 0841 0827 | 20850 20820 | 21 II 07 20 II 36 | 27©03 26©47 | 6°43 6°41 | 1831 1817 | 21836 21806 | 22 II 00 21 II 28 | 28©05 27©49 | 7Υ40 7Υ38 | 2822 2808 | 22822 21852 | 22 II 53 22 II 21 | 29©07 28©51 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 5Υ42 5Υ41 | 0814 0800 | 19 8 50 | 20 II 04 19 II 30 | 26 ඉ 30 26 ඉ 13 | 6Ƴ39 6Ƴ37 | 1803 0849 | 20835 20804 | 20 II 56 20 II 22 | 27©32 27©15 | 7Υ36 7Υ34 | 1853 1838 | 21821 20849 | 21 II 49 21 II 15 | 28 © 35 28 © 17 |
| 47S | 5Υ39 | 29 ° 45 | 18848 | 18II 56 | 25@55 | 6Υ36 | 0834 | 19832 | 19П47 | 26957 | 7Y32 | 1823 | 20816 | 20 Д 39 | 28500 |
| 48S | 5 Y 37 | 29Υ31 | 18815 | 18П20 | 25936 | 6Υ34 | 0819 | 18859 | 19П11 | 26538 | 7Υ30 | 1808 | 19843 | 20П03 | 275641 |
| 49S | 5 Y 36 | 29 ℃ 16 | 17843 | 17 I I42 | 25©16 | 6 Ƴ 32 | 0804 | 18826 | 18П33 | 26518 | 7 ℃ 28 | 0852 | 19809 | 19П25 | 27521 |
| 50S | 5Υ34 | 29⋎00 | 17809 | 17II 03 | 24954 | 6Υ30 | 29Ƴ48 | 17852 | 17 I I54 | 25@57 | 7Υ26 | 0836 | 18835 | 181145 | 27500 |
| 51S 52S | 5Υ32 5Υ31 | 28 \cdot 44 28 \cdot 28 | 16835 | 16 II 23 15 II 40 | 24©32 24©08 | 6°Y28 6°Y26 | 29 Y 32 29 Y 15 | 17817 16841 | 17 I 13 16 I 130 | 25@34 25@11 | 7Υ23 7Υ21 | 0819 0802 | 17859 17823 | 18Π04 | 26537 26514 |
| 52S 53S | 5Υ'31 5Υ'29 | 28 Y 11 | 15 8 59 | 13 II 40 14 II 56 | 24908 | 6Υ26 6Υ23 | 29°713 | 16804 | 15Д30 | 239911 | 7\dagger 21\dagger 7\dagger 18 | 29°Y44 | 16846 | 17П21 16П35 | 259649 |
| 54S | 5Υ27 | 27 Y 54 | 14846 | 14П10 | 23@15 | 6Υ21 | 28 Y 40 | 15827 | 14 Д 59 | 24518 | 7Υ16 | 29Y26 | 16808 | 15 Д 48 | 25\$22 |
| 55S | 5Y25 | 27Ƴ36 | 14808 | 13 Д 21 | 22@45 | 6Υ19 | 28Ƴ22 | 14848 | 14П09 | 235649 | 7Υ13 | 29 Y 08 | 15828 | 14П58 | 24953 |
| 56S | 5Y23 | 27 ⋎ 18 | 13829 | 12П30 | 22914 | 6Y16 | 28Ƴ03 | 14809 | 13 II 18 | 23517 | 7Υ10 | 28 Y 48 | 14848 | 14 I I06 | 24521 |
| 57S | 5Υ20 | 26°Y 59 | 12849 | 11 II 36 | 21 5 39 | 6Υ14 | 27 Υ 44 | 13828 | 12 Д23 | 22543 | 7°07 | 28Y28 | 14807 | 13 II 10 | 23 5 47 |
| 58S 59S | 5Υ18 5Υ16 | 26 \(\chi 40 \) 26 \(\chi 20 \) | 12808 11825 | 10П39 9П39 | 21©01 20©20 | 6Υ11 6Υ08 | 27 Y 24 27 Y 03 | 12 8 46 12 8 03 | 11 Д 26 10 Д 25 | 22©06 21©24 | 7Υ04 7Υ01 | 28 Y 08 27 Y 46 | 13 8 24 12 8 40 | 12 II 12 11 II 10 | 23©10 22©29 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 5Υ13 5Υ11 | 25 Y 59 25 Y 37 | 10841 9856 | 8П36 7П29 | 19 © 34 18 © 42 | 6°405 6°402 | 26 ° 42 26 ° 19 | 11818 10832 | 9П21 8П12 | 20©39 19©47 | 6Υ58 6Υ54 | 27 Y 24 27 Y 02 | 11855 11808 | 10П05 8П56 | 21 5 4 4 20 5 5 3 |
| 62S | 5Υ08 | 25Υ15 | 9810 | 7H29 6H18 | 179344 | 5Υ59 | 25Υ56 | 9845 | 7H00 | 18947 | 6Υ51 | 26 Y 38 | 10820 | 7 II 42 | 19\$55 |
| 63S | 5 Y 05 | 24 Y 51 | 8822 | 5 II 02 | 16935 | 5Υ56 | 25 ℃ 32 | 8856 | 5П42 | 179541 | 6 Y 47 | 26Y13 | 9830 | 6Д23 | 18548 |
| 64S | 5 Y 02 | 24Ƴ27 | 7 8 32 | 3П41 | 15©13 | 5 Υ 52 | 25Ƴ07 | 8805 | 4 I I20 | 16519 | 6°Y43 | 25 ℃ 47 | 8839 | 4П59 | 17927 |
| 65S | 4 Y 59 | 24Ƴ02 | 6841 | 2п14 | 13©28 | 5Ƴ49 | 24Ƴ41 | 7 8 13 | 2Д52 | 14536 | 6 Y 39 | 25 Y 21 | 7 8 46 | 3Д30 | 15©45 |
| 66S | 4Υ56 | 23Υ35 | 5848 | 0П42 | 10@55 | 5 Υ 45 | 24Υ14 | 6819 | 1 Д 18 | 12507 | 6Υ34 | 24 Y 53 | 6851 | 1Д53 | 13520 |
| pc | 4Υ54 | 23 ℃ 20 | 5817 | 29847 | 8912 | 5 ℃ 43 | 23 ℃ 58 | 5848 | 0П22 | 9935 | 6Υ32 | 24 Y 36 | 6819 | 0П56 | 10958 |

| | Sid.Tir MC: | | 36m A 7'46 | RMC: 3 | 39°00' | Sid.Tir MC: | ne: 22h | | RMC: 3 | 340°00' | Sid.Tir MC: | ne: 22h | 44m A 25'45 | RMC: 3 | 41°00' |
|------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------|----------------------------------|----------------------|------------------|----------------------------------|--------------------|----------------------------------|--------------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 9Ƴ47 | 11825 | 10П35 | 8গু16 | 6 Ω 36 | 10℃52 | 12826 | 11 Д32 | 9911 | 7ຄ35 | 11 Y 57 | 13827 | 12 Д 28 | 10ഇ06 | 8£34 |
| 1S | 9Υ46 | 11814 | 10 Д 13 | 8200 | 6£30 | 10Υ51 | 12815 | 11 Д 09 | 8955 | 7£28 | 11Υ55 | 13815 | 12 Д 05 | 9950 | 8 N 28 |
| 2S | 9Υ44 | 11803 | 9Д50 | 7544 | 6£23 | 10°°49 | 12804 | 10 II 46 | 8939 | 7.0.15 | 11 Υ 54 | 13804 | 11 П 42 | 9935 | 8 N 2 1 |
| 3S 4S | 9 Υ 43 9 Υ 41 | 10853 10842 | 9П28 9П05 | 7 <u>ඉ28</u> 7ඉ12 | 6Ω16 6Ω10 | 10Ƴ47 10Ƴ46 | 11853 11842 | 10 II 23 10 II 01 | 8 9 23 | 7Ω15 7Ω09 | 11 \gamma 52 11 \gamma 50 | 12853 12841 | 11П19 10П56 | 9 5 19 | 8 N 15 8 N 08 |
| | 9Υ40 | | | | | | | | | | | | | 8 9 47 | |
| 5S 6S | 9Υ'40 9Υ38 | 10831 10820 | 8П43 8П20 | 6 ඉ 56 6 ඉ 40 | 6Ω03 5Ω56 | 10 ° 44 10 ° 43 | 11831 11820 | 9П38 9П16 | 7952 7936 | 7 N 02 | 11 ° 48 11 ° 47 | 12830 12819 | 10 II 34 10 II 11 | 8947 8931 | 8 N 0 1 7 N 5 5 |
| 7S | 9Υ37 | 10810 | 7II 58 | 6924 | 5 Ω 49 | 10 Y 43 | 11809 | 8П53 | 7930 7920 | 6Ω49 | 11 γ 45 | 12808 | 9Д49 | 8915 | 7 N 48 |
| 8S | 9Υ36 | 9859 | 7П36 | 6908 | 5 Ω 42 | 10Υ39 | 10858 | 8Д31 | 7903 | 6Ω42 | 11Υ43 | 11857 | 9П26 | 7959 | 7Ω41 |
| 9S | 9Υ34 | 9848 | 7П14 | 5ഇ52 | 5 N 36 | 10Ƴ38 | 10847 | 8П09 | 6947 | 6⋒35 | 11 ° 41 | 11846 | 9П03 | 7ഇ43 | 7ຄ35 |
| 10S | 9 Υ 33 | 9838 | 6П51 | 5ള35 | 5 a 29 | 10 Y 36 | 10836 | 7П46 | 6931 | 6£28 | 11 Y 40 | 11835 | 8П41 | 7ഇ26 | 7⋒28 |
| 11S | 9 Y 31 | 9827 | 6П29 | 5ഇ19 | 5Ω21 | 10Ƴ35 | 10825 | 7 Ⅲ 24 | 6914 | 6 Q 21 | 11 Y 38 | 11824 | 8П18 | 7ഇ10 | 7ຄ21 |
| 12S | 9Υ30 | 9816 | 6П07 | 5902 | 5Ω14 | 10Υ33 | 10815 | 7 I 101 | 5957 | 6Ω14 | 11Υ36 | 11813 | 7П56 | 6953 | 7Ω14 |
| 13S 14S | 9 Y 28 9 Y 27 | 9806 8855 | 5П44 5П22 | 4945 4928 | 5Ω07 5Ω00 | 10 \gamma 31 10 \gamma 30 | 10804 9853 | 6Ц39 6Ц16 | 5941 5924 | 6Ω07 6Ω00 | 11 \gamma 34 11 \gamma 33 | 11802 10851 | 7Д33 7Д10 | 6 9 36 | 7£07 7£00 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 9 ° 25 9 ° 24 | 8 8 45 8 8 34 | 4Д59 4Д37 | 4911 3954 | 4Ω53 4Ω45 | 10 ° 28 10 ° 26 | 9842 9831 | 5Д53 5Д31 | 5©06 4©49 | 5 Ω 52 5 Ω 45 | 11Υ31 11Υ29 | 10840 10829 | 6П47 6П24 | 6902 5945 | 6Ω53 6Ω45 |
| 17S | 9Υ22 | 8823 | 4H37 4H14 | 3934 | 48243 4£38 | 10 Y 25 | 9820 | 5H08 | 4932 | 5 N 38 | 11 Y 29 | 10829 | 6П02 | 5927 | 6£43 |
| 18S | 9Υ21 | 8813 | 3Д51 | 3930 | 4Ω30 | 10 γ 23 10 γ 23 | 9810 | 4 I I45 | 49514 | 5230 | 11 Y 25 | 10806 | 5II38 | 5909 | 6£30 |
| 19S | 9Υ19 | 8802 | 3П29 | 3©00 | 4£22 | 10Y22 | 8859 | 4II22 | 356 | 5 & 22 | 11 ° 24 | 9855 | 5Ц15 | 4951 | 6£23 |
| 20S | 9Υ18 | 7851 | 3П06 | 2942 | 4Ω14 | 10℃20 | 8848 | 3Д59 | 3938 | 5Ω14 | 11 Y 22 | 9844 | 4П52 | 4933 | 6 Ω 15 |
| 21S | 9Υ16 | 7840 | 2П43 | 2524 | 4⋒06 | 10 Ƴ 18 | 8837 | 3 Д 35 | 3519 | 5Ω07 | 11 Y 20 | 9833 | 4П28 | 4গু15 | 6 Ω 07 |
| 22S | 9Υ15 | 7829 | 2П19 | 2905 | 3 2 5 8 | 10Υ16 | 8825 | 3 Д 12 | 3500 | 4Ω58 | 11Υ18 | 9821 | 4II 05 | 3556 | 5259 |
| 23S | 9Υ13 | 7818 | 1Д56 | 15546 | 3 0 50 | 10Υ15 | 8814 | 2Д48 | 25641 | 40.50 | 11Υ16 | 9810 | 3Д41 | 3937 | 5 0 43 |
| 24S | 9Υ12 | 7807 | 1 Д 32 | 1937 | 3 N 41 | 10 ℃ 13 | 8803 | 2П25 | 2922 | 4Ω42 | 11Υ14 | 8859 | 3П17 | 3917 | 5Ω43 |
| 25S | 9Υ10 | 6856 | 1 Д 09 | 1997 | 3 N 32 | 10Υ11 | 7852 | 2Д01 | 2502 | 4.033 | 11Υ12 | 8847 | 2Д53 | 2558 | 5Ω34 |
| 26S 27S | 9 ⋎ 09 9 ⋎ 07 | 6845 6834 | 0П45 0П20 | 0න47 0න27 | 3Ω24 3Ω14 | 10 Y 10 10 Y 08 | 7840 7829 | 1 II 36 1 II 12 | 19542 19522 | 4Ω24 4Ω15 | 11Υ10 11Υ08 | 8835 8823 | 2Д28 2Д03 | 2 9 38 2 9 17 | 5Ω25 5Ω17 |
| 28S | 9Υ05 | 6822 | 29856 | 0927 0906 | 3205 | 10 γ 06 | 7817 | 0П47 | 1901 | 4Ω06 | 11 γ 06 | 8812 | 1 Д 38 | 1956 | 5Ω07 |
| 29S | 9Υ04 | 6811 | 29831 | 29П45 | 2256 | 10 ℃ 04 | 7805 | 0П22 | 0940 | 3 2 5 7 | 11 ° 04 | 8800 | 1 Д 13 | 1935 | 4£058 |
| 30S | 9 Υ 02 | 5859 | 29806 | 29П23 | 2 2 4 6 | 10 Y 02 | 6853 | 29857 | 0ഇ18 | 3 2 4 7 | 11Υ02 | 7847 | 0П48 | 193 | 4Ω49 |
| 31S | 9Υ00 | 5847 | 28841 | 29П01 | 2⋒36 | 10℃00 | 6841 | 29831 | 29П56 | 3⋒37 | 11 Y 00 | 7835 | 0П22 | 0ഇ51 | 4£39 |
| 32S | 8Y59 | 5835 | 28815 | 28П38 | 2 N 26 | 9Υ59 | 6829 | 29806 | 29П33 | 3 № 27 | 10 Y 58 | 7823 | 29856 | 0ഇ28 | 4Ω29 |
| 33S | 8Υ57 | 5823 | 27850 | 28 II 15 | 2015 | 9Υ57 | 6817 | 28839 | 29П10 | 3 17 | 10°756 | 7810 | 29829 | 0 © 05 | 4Ω19 |
| 34S | 8Υ55 | 5811 | 27823 | 27П51 | 2004 | 9Υ55 | 6804 | 28813 | 28 11 46 | 3206 | 10°754 | 6857 | 29802 | 29П41 | 4Ω08 |
| 35S | 8Υ53 8Υ52 | 4859 4846 | 26 8 57 26 8 30 | 27 II 27 27 II 02 | 1 Ω 53 1 Ω 42 | 9Υ53 9Υ51 | 5852 5839 | 27846 27819 | 28 II 22 27 II 57 | 2Ω55 2Ω44 | 10 \gamma 52 10 \gamma 50 | 6844 6831 | 28 8 35 28 8 08 | 29 II 17 28 II 51 | 3Ω57 3Ω46 |
| 36S 37S | 8Υ50 | 4833 | 26802 | 26 II 37 | 1 2 3 0 | 9 Y 31 9 Y 49 | 5826 | 26851 | 27 II 37 27 II 31 | 28144 | 10 Y 30 10 Y 47 | 6818 | 27840 | 28 Д 26 | 3 N 34 |
| 38S | 8Υ48 | 4820 | 25835 | 26月10 | 1Ω18 | 9Υ46 | 5812 | 26823 | 27II 05 | 2 \Omega 20 | 10°Y45 | 6804 | 27811 | 27П59 | 3 \Omega 22 |
| 39S | 8 Y 46 | 4807 | 25806 | 25 11 43 | 1 ₪ 05 | 9Υ44 | 4859 | 25854 | 26Ц37 | 2 බ 0 7 | 10 Y 43 | 5851 | 26842 | 27 Д 32 | 3⋒09 |
| 40S | 8 Ƴ 44 | 3854 | 24838 | 25 II 15 | 0ຄ52 | 9Ƴ42 | 4845 | 25825 | 26П09 | 1 2 5 4 | 10 Y 40 | 5837 | 26813 | 27П03 | 2£056 |
| 41S | 8 Y 42 | 3840 | 24808 | 24Ⅱ46 | 0 0 38 | 9Υ40 | 4831 | 24856 | 25 11 40 | 1 € 40 | 10 Y 38 | 5822 | 25843 | 26П34 | 2 N 43 |
| 42S | 8Υ40 | 3826 | 23839 | 24 II 17 | 0Ω24 | 9Υ38 | 4817 | 24825 | 25 II 10 | 1Ω26 | 10Υ35 | 5808 | 25812 | 26П04 | 2 & 2 2 9 |
| 43S 44S | 8Υ38 8Υ36 | 3812 2858 | 23 8 08 22 8 37 | 23 II 46 23 II 14 | 0 മ 09 29 ഇ 5 3 | 9Υ35 9Υ33 | 4803 3848 | 23 8 5 5 23 8 2 3 | 24 II 39 24 II 07 | 1Ω11 0Ω56 | 10 Y 33 10 Y 30 | 4853 4838 | 24841 24809 | 25 II 33 25 II 01 | 2Ω14 1Ω59 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 8Υ33 8Υ31 | 2843 2828 | 22 8 06 21 8 34 | 22 II 41 22 II 07 | 29 © 37 29 © 20 | 9 ⋎ 30 9 ⋎ 28 | 3833 3817 | 22 8 51 22 8 19 | 23 II 34 23 II 00 | 0Ω40 0Ω23 | 10°27 10°24 | 4822 4806 | 23837 23804 | 24 II 28 23 II 53 | 1 Ω 43 1 Ω 27 |
| 47S | 8Υ29 | 2812 | 21801 | 21 II 32 | 29902 | 9Υ25 | 3801 | 21845 | 22 II 24 | 0 2 0 2 5 | 10 Y 24 | 3850 | 22830 | 23 II 17 | 1 Ω 09 |
| 48S | 8Y26 | 1856 | 20827 | 20II55 | 28544 | 9℃22 | 2845 | 21811 | 21 Д47 | 29547 | 10 Y 19 | 3833 | 21856 | 22 Д 39 | 0ຄ51 |
| 49S | 8 Ƴ 24 | 1840 | 19853 | 20П16 | 28524 | 9Υ20 | 2828 | 20837 | 21П08 | 29\$27 | 10 Y 16 | 3816 | 21820 | 22П00 | 0ຄ31 |
| 50S | 8 Y 21 | 1824 | 19818 | 19П36 | 28ഇ03 | 9Ƴ17 | 2811 | 20801 | 20П28 | 29ഇ07 | 10 Y 12 | 2859 | 20844 | 21 Д20 | 0ຄ11 |
| 51S | 8Υ19 | 1806 | 18842 | 18II 55 | 275541 | 9Υ14 | 1854 | 19824 | 19П46 | 28545 | 10Υ09 | 2841 | 20807 | 20 Д 37 | 29549 |
| 52S | 8Υ16 8Υ13 | 0849 | 18805 | 18 II 11 17 II 25 | 27917 | 9Υ11 9Υ08 | 1836 | 18847 | 19 II 02 | 28©21 27©57 | 10 Y 06 | 2823 | 19829 | 19 II 53 | 29©26 29©01 |
| 53S 54S | 8Υ13 8Υ10 | 0831 0812 | 17827 16848 | 1/II 25 16 II 37 | 26©52 26©26 | 9 ⋎ 08 9 ⋎ 04 | 1817 0858 | 18 8 08 17 8 29 | 18П15 17П27 | 27930 | 10°702 9°759 | 2804 1844 | 18 8 50 | 19П06 18П17 | 29901 |
| 55S | 8Υ07 | 29 Y 53 | 16808 | 15 I I47 | 25957 | 9Υ01 | 0838 | 16849 | 16П36 | 279901 | 9Y55 | 1824 | 17829 | 17 Д 25 | 28907 |
| 56S | 8Υ07 | 29 Y 33 | 15827 | 13 II 47 14 II 54 | 25926 | 8Υ58 | 0818 | 16807 | 15 II 42 | 26931 | 9Υ53 9Υ51 | 1803 | 16846 | 16 I I31 | 27936 |
| 57S | 8Υ01 | 29 Y 13 | 14845 | 13 II 58 | 24952 | 8Υ54 | 29°757 | 15824 | 14 I I46 | 25957 | 9 Υ 47 | 0842 | 16803 | 15 Д 34 | 27503 |
| 58S | 7 Υ 57 | 28 Y 52 | 14802 | 12П59 | 24915 | 8Y50 | 29 Y 36 | 14840 | 13 Д 46 | 25©21 | 9 Υ 43 | 0819 | 15818 | 14Д33 | 26527 |
| 59S | 7 Υ 54 | 28 Y 30 | 13817 | 11Д56 | 23935 | 8 Ƴ 46 | 29 Y 13 | 13855 | 12 Д 42 | 249541 | 9 Y 39 | 29 Y 56 | 14832 | 13 Д29 | 25947 |
| 60S | 7 Υ 50 | 28Ƴ07 | 12831 | 10耳50 | 22@50 | 8 Ƴ 42 | 28 Y 50 | 13808 | 11Д35 | 23\$56 | 9 Ƴ 34 | 29 Y 33 | 13845 | 12 Д20 | 25ഇ03 |
| 61S | 7Υ46 | 27 ℃ 44 | 11844 | 9П40 | 21559 | 8Υ38 | 28Υ26 | 12820 | 10 Д 24 | 23506 | 9Υ29 | 29Υ08 | 12856 | 11 Д 08 | 24513 |
| 62S | 7Υ42 | 27Υ19 | 10855 | 8II 25 | 21502 | 8Υ33 | 28Y01 | 11830 | 9П07 | 22509 | 9Υ24 | 28 Y 42 | 12805 | 9 II 50 | 23517 |
| 63S 64S | 7Υ38 7Υ33 | 26 \gamma 54 26 \gamma 28 | 10 8 04 9 8 12 | 7П05 5П39 | 19©55 18©36 | 8 ° 28 8 ° 23 | 27 Y 35 27 Y 08 | 10 8 38 9 8 45 | 7П46 6П19 | 21©03 19©45 | 9Υ19 9Υ14 | 28 Y 15 27 Y 48 | 11 8 13 | 8П27 6П58 | 22©12 20©55 |
| | | | | | | | | | | | | 27Υ19 | | | |
| 65S 66S | 7 Y 28 7 Y 23 | 26\gamma 00 25\gamma 31 | 8818 7822 | 4П07 2П29 | 16ඉ55 14ඉ34 | 8 ° 18 8 ° 13 | 26 Y 39 26 Y 10 | 8 8 50 7 8 53 | 4П45 3П05 | 18©06 15©49 | 9Υ08 9Υ02 | 2/\dagger 19 | 9823 8825 | 5П23 3П41 | 19©18 17©05 |
| pc | 7Υ23 7Υ21 | 25 Υ 31 25 Υ 15 | 6850 | 1 Д 31 | 12921 | 8Υ13 8Υ09 | 25 Y 53 | 7821 | 2П05 | 13949 | 8Y58 | 26 Y 31 | 7 8 51 | 2 Д 40 | 15008 |
| r* | . , 21 | | 2000 | | | 2.07 | 1 1 3 3 3 | . 021 | -200 | 1 | 3.30 | | . 001 | | |

| | Sid.Tir MC: | | 48m A 29'56 | RMC: 3 | 42°00' | Sid.Tir MC: | ne: 22h: | 52m A 34'14 | RMC: 3 | 343°00' | Sid.Tir MC: | ne: 22h: | 56m A 38'39 | RMC: 3 | 344°00' |
|------------|----------------|--------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------------|------------------------------|----------------------------------|------------------------------------|----------------------------|---------------------------------------|-------------------------------|----------------------------------|--------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 13 Y 02 | 14827 | 13 Д 24 | 11©02 | 9ຄ33 | 14Ƴ07 | 15827 | 14П19 | 11957 | 10ຄ32 | 15 Υ 12 | 16827 | 15 Д 15 | 12553 | 11 232 |
| 1S | 13 Y 00 | 14816 | 13П01 | 10©46 | 9⋒27 | 14℃05 | 15816 | 13 Д 56 | 115641 | 10Ω26 | 15 Y 09 | 16815 | 14П52 | 12537 | 11Ω26 |
| 2S | 12Υ58 | 14804 | 12 Д 38 | 10530 | 9 & 20 | 14Υ03 | 15804 | 13 II 33 | 11526 | 10 0 20 | 15Υ07 | 16804 | 14П29 | 12521 | 11.020 |
| 3S 4S | 12Υ56 12Υ54 | 13853 13841 | 12 II 15 11 II 52 | 10©14 9©59 | 9Ω14 9Ω07 | 14 \(\psi 01 \) 13 \(\psi 59 \) | 14852 14841 | 13 II 10 12 II 47 | 11©10 10©54 | 10Ω14 10Ω07 | 15 \(\psi 05 \) 15 \(\psi 03 \) | 15 8 52 | 14 II 06 13 II 43 | 12©06 11©50 | 11 Ω 13 11 Ω 07 |
| 5S | 12 Y 52 | 13830 | 11 Д 29 | 9943 | 9Ω01 | 13 Y 57 | 14829 | 12 п 25 | 10938 | 10Ω01 | 15 γ 00 | 15828 | 13 II 20 | 11934 | 11Ω01 |
| 6S | 12 | 13818 | 11 Д 29 | 99943 | 8Ω54 | 13 Y 57 | 14817 | 12 II 23 12 II 02 | 10938 | 9Ω54 | 14 Y 58 | 15816 | 13 Д 20 | 11954 | 10 Ω 54 |
| 7S | 12 Y 49 | 13807 | 10 Д 44 | 9511 | 8 N 48 | 13 Y 52 | 14806 | 11 Д 39 | 10506 | 9 € 48 | 14Y56 | 15805 | 12 Д 34 | 11502 | 10Ω48 |
| 8S | 12 Y 47 | 12856 | 10Д21 | 8955 | 8 Ω 41 | 13 ⋎ 50 | 13855 | 11 I I16 | 9950 | 9Ω41 | 14 Y 54 | 14853 | 12П11 | 10ഇ46 | 10⋒41 |
| 9S | 12 Y 45 | 12845 | 9П58 | 8938 | 8£35 | 13 ℃ 48 | 13843 | 10П53 | 9934 | 9ຄ35 | 14 Y 52 | 14841 | 11Д48 | 10530 | 10Ω35 |
| 10S | 12 Y 43 | 12833 | 9П36 | 8গু22 | 8£28 | 13Ƴ46 | 13832 | 10耳30 | 9918 | 9ຄ28 | 14 Y 49 | 14830 | 11Д25 | 10ഇ14 | 10⋒28 |
| 118 | 12Υ41 | 12822 | 9П13 | 8905 | 8 N 2 1 | 13 Y 44 | 13820 | 10 Д 07 | 9501 | 9,021 | 14°°47 | 14818 | 11 Д 02 | 9957 | 10.022 |
| 12S 13S | 12Υ39 12Υ37 | 12811 12800 | 8Д50 8Д27 | 7949 7932 | 8Ω14 8Ω07 | 13 \ \cdot 42 13 \ \cdot 40 | 13809 12857 | 9П45 9П22 | 8945 8928 | 9Ω14 9Ω08 | 14 \(\cdot 45 \) 14 \(\cdot 43 \) | 14807 13855 | 10Д39 10Д16 | 9 s 40 9 s 24 | 10Ω15 10Ω08 |
| 14S | 12 Y 37 | 11848 | 8 п 04 | 7932 7935 | 8200 | 13 Y 38 | 12846 | 8 II 58 | 8 9 20 | 9201 | 14Υ40 | 13843 | 9Д53 | 9907 | 10200 |
| 15S | 12 Y 33 | 11837 | 7П41 | 6958 | 7 Ω 53 | 13 Y 36 | 12835 | 8П35 | 7 © 54 | 8£54 | 14Υ38 | 13832 | 9П29 | 8 © 50 | 9ω54 |
| 16S | 12Υ31 | 11826 | 7П18 | 6 9 40 | 7 Ω 46 | 13 Y 34 | 12823 | 8п12 | 7936 | 8£31 | 14Υ36 | 13820 | 9П06 | 8932 | 9 Ω 47 |
| 17S | 12 Y 29 | 11815 | 6Ц55 | 6923 | 7 . 038 | 13 ℃ 32 | 12812 | 7П49 | 7 © 19 | 8£39 | 14 Y 34 | 13808 | 8П42 | 8গু15 | 9Ω40 |
| 188 | 12°27 | 11803 | 6Д32 | 6©05 | 7£31 | 13Υ29 | 12800 | 7П25 | 7901 | 8032 | 14Υ31 | 12857 | 8П19 | 7957 | 9,033 |
| 198 | 12Y25 | 10852 | 6Ц08 | 5947 | 7Ω23 | 13 ℃ 27 | 11848 | 7II 02 | 6943 | 8 N 24 | 14Υ29 | 12845 | 7II55 | 7939 | 9Ω26 |
| 20S | 12Υ23 | 10840 | 5 II 45 | 5929 | 7.016 | 13Υ25 | 11837 | 6H38 | 6925 | 8 A 17 | 14°27 | 12833 | 7II31 | 7521 | 9Ω18 |
| 21S 22S | 12Υ21 12Υ19 | 10829 10817 | 5Д21 4Д57 | 5©10 4©52 | 7Ω08 7Ω00 | 13 \cdot 23 13 \cdot 21 | 11825 11813 | 6П14 5П50 | 6 ඉ 06 5 ඉ 47 | 8 N 09 | 14Υ24 14Υ22 | 12821 12809 | 7Д07 6Д43 | 7©02 6©43 | 9Ω10 9Ω03 |
| 23S | 12 Y 17 | 10806 | 4Д33 | 4932 | 6£52 | 13Υ19 | 11801 | 5П26 | 5928 | 7ω53 | 14Υ20 | 11857 | 6П18 | 6924 | 8255 |
| 24S | 12 Y 15 | 9854 | 4П09 | 4গু13 | 6⋒44 | 13 ℃ 16 | 10849 | 5 I I01 | 5909 | 7⋒45 | 14 Ƴ 17 | 11845 | 5П54 | 6 © 05 | 8 Ω 47 |
| 25S | 12 Y 13 | 9842 | 3П45 | 3953 | 6£35 | 13 ℃ 14 | 10837 | 4П37 | 45649 | 7£37 | 14Ƴ15 | 11832 | 5П29 | 5 © 45 | 8£39 |
| 26S | 12Υ11 | 9830 | 3 Д 20 | 3933 | 6£27 | 13Υ12 | 10825 | 4П12 | 4929 | 7Ω28 | 14Υ12 | 11820 | 5Д03 | 5925 | 8£30 |
| 27S 28S | 12Υ09 12Υ07 | 9818 9806 | 2Ц55 2Ц30 | 3©13 2©52 | 6Ω18 6Ω09 | 13 \(\cdot 10 \) 13 \(\cdot 07 \) | 10813 10801 | 3П46 3П21 | 4୭08 3୭47 | 7Ω20 7Ω11 | 14 Y 10 14 Y 08 | 11808 10855 | 4Д38 4Д12 | 5©04 4©43 | 8 N 22 8 N 13 |
| 29S | 12 Y 07 | 8854 | 2Д04 | 2932 | 6£00 | 13 Y 07 | 9848 | 2Д55 | 3926 | 7002 | 14Υ05 | 10833 | 3П46 | 49322 | 8£13 |
| 30S | 12 Y 02 | 8841 | 1Д38 | 2509 | 5 a 50 | 13 Y 02 | 9835 | 2П29 | 3904 | 6£52 | 14Y02 | 10829 | 3П20 | 4900 | 7£55 |
| 31S | 12Υ00 | 8829 | 1 Д 12 | 19346 | 5 Ω 41 | 13 Y 00 | 9823 | 2П03 | 29642 | 6Ω43 | 14Y00 | 10816 | 2Д54 | 3537 | 7 Ω 45 |
| 32S | 11 Y 58 | 8816 | 0П46 | 1923 | 5⋒31 | 12 Υ 58 | 9810 | 1 Д 36 | 2519 | 6£33 | 13 Y 57 | 10803 | 2Д27 | 3514 | 7£35 |
| 33S 34S | 11Υ56 11Υ53 | 8803 7850 | 0П19 29 8 52 | 1 ඉ 00 0 ඉ 36 | 5Ω21 5Ω10 | 12 \(\cdot 55 \) 12 \(\cdot 53 \) | 8857 8843 | 1П09 0П42 | 1955 1931 | 6Ω23 6Ω12 | 13 Υ 54 13 Υ 52 | 9850 9836 | 1Д59 1Д32 | 2551 2527 | 7Ω25 7Ω15 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 11Υ51 11Υ48 | 7837 7824 | 29825 28857 | 0©12 29∏46 | 4Ω59 4Ω48 | 12 Y 50 12 Y 47 | 8830 8816 | 0П14 29 8 46 | 1997 0941 | 6Ω02 5Ω51 | 13 \(\gamma 49 \) 13 \(\gamma 46 \) | 9822 9808 | 1П03 0П35 | 2©02 1©37 | 7Ω05 6Ω54 |
| 37S | 11 γ 46 | 7810 | 28828 | 29 II 20 | 4Ω36 | 12 Y 47 | 8802 | 29817 | 0941 | 5039 | 13 γ 43 | 8854 | 0Д06 | 1937 | 6Ω42 |
| 38S | 11 Y 43 | | 27859 | 28II54 | | 12Ƴ42 | | 28848 | 29П49 | | 13 Y 40 | | 29836 | 0ഇ44 | 6 Ω 31 |
| 39S | 11 Y 41 | 6842 | 27830 | 28П26 | 4Ω12 | 12 Ƴ 39 | 7834 | 28818 | 29П21 | 5Ω15 | 13 Ƴ 37 | 8825 | 29806 | 0ഇ16 | 6Ω19 |
| 40S | 11 Y 38 | 6828 | 27800 | 27II 58 | 3⋒59 | 12 Y 36 | 7819 | 27848 | 28耳52 | 5 N 02 | 13 Ƴ 34 | 8810 | 28836 | 29П47 | 6 Ω 06 |
| 418 | 11Υ36 | 6813 | 26830 | 27II 29 | 3 0.46 | 12 \gamma 33 12 \gamma 30 | 7804 | 27817 | 28 II 23 | 4 0 3 6 | 13Υ31 | 7855 | 28805 | 29 П 18 | 5 N 53 |
| 42S 43S | 11Υ33 11Υ30 | 5858 5843 | 25 8 59 25 8 28 | 26 II 58 26 II 27 | 3Ω32 3Ω18 | $12 \Upsilon 30$ $12 \Upsilon 27$ | 6849 6833 | 26 8 46 26 8 14 | 27 II 53 27 II 21 | 4Ω36 4Ω21 | 13 Y 28 13 Y 25 | 7839 7824 | 27 8 33 27 8 01 | 28 II 47 28 II 16 | 5 N 39 5 N 25 |
| 44S | 11 Y 27 | 5828 | 24855 | 25 II 55 | 3 2 0 3 | 12 Y 24 | 6818 | 25841 | 26耳49 | 4Ω06 | 13 Y 21 | 7807 | 26828 | 27 II 43 | 5 Ω 10 |
| 45S | 11 Y 24 | 5812 | 24823 | 25П21 | 2 N 47 | 12 ° 21 | 6801 | 25808 | 26Ц15 | 3 2 5 1 | 13 Y 18 | 6851 | 25854 | 27П09 | 4255 |
| 46S | 11 Y 21 | 4856 | 23849 | 24 II 46 | 2⋒30 | 12 Y 18 | 5845 | 24834 | 25 11 40 | 3⋒34 | 13 Y 14 | 6834 | 25819 | 26 Д 33 | 4Ω39 |
| 47S | 11Υ18 | 4839 | 23815 | 24 II 10 | 2013 | 12°°14 | 5828 | 23859 | 25 II 03 | 3 \Omega 17 | 13 Y 11 | 6817 | 24844 | 25 II 57 | 4 \O 04 |
| 48S 49S | 11Υ15 11Υ11 | 4822 4805 | 22840 22804 | 23 II 32 22 II 53 | 1Ω55 1Ω35 | 12 Υ 11 12 Υ 07 | 5810 4853 | 23 8 24 22 8 48 | 24 II 25 23 II 45 | 2 \Omega 59 2 \Omega 40 | 13 \(\psi 07 \) 13 \(\psi 03 \) | 5859 5841 | 24808 23831 | 25 II 18 24 II 38 | 4Ω04 3Ω45 |
| 50S | 11 γ 08 | 3847 | 21827 | 22 II 12 | 1ω15 | 12 Y 07 | | 22810 | 23 II 04 | 2Ω20 | 12Υ59 | | 22854 | 23 II 57 | 3 \(\Omega 25 \) |
| 50S 51S | 11 \gamma 08 | 3847 | 20850 | 22 II 12 21 II 29 | 0Ω54 | 12 \ \gamma 04 \\ 12 \ \gamma 00 | 4834 4816 | 21832 | 23 II 04 22 II 21 | 1 \$2.59 | 12°7'59 | 5822 5803 | 22834 | 23 II 37 23 II 13 | 3 <i>ε</i> 125 |
| 52S | 11 Y 01 | 3809 | 20811 | 20 II 44 | 0 Ω 31 | 11 Y 56 | 3856 | 20853 | 21 Д35 | 1036 | 12 Y 51 | 4843 | 21835 | 22 П 27 | 2 \Omega 42 |
| 53S | 10Υ57 | 2850 | 19831 | 19П57 | 0006 | 11Υ52 | 3836 | 20813 | 20 Д 48 | 1 \O 12 | 12Υ46 | 4823 | 20854 | 21 Д39 | 2018 |
| 54S | 10 Y 53 | 2830 | 18851 | 19П07 | 29540 | 11 ℃47 | 3816 | 19832 | 19П58 | 0Ω46 | 12Υ42 | 4802 | 20813 | 20П48 | 12052 |
| 55S | 10Υ49 | 2809 | 18809 | 18 II 15 | 29512 | 11 Υ 43 | 2855 | 18849 | 19 11 05 | 0Ω18 | 12Υ37 | 3840 | 19830 | 19 Д 55 | 1 \O 25 |
| 56S 57S | 10Υ45 10Υ41 | 1848 1826 | 17826 16842 | 17 II 20 16 II 22 | 28©42 28©09 | 11 Y 39 11 Y 34 | 2833 2810 | 18 8 06 17 8 21 | 18 I 109 17 I 110 | 29548 29516 | 12Υ32 12Υ27 | 3818 2855 | 18845 18800 | 18П59 17П59 | 0Ω55 0Ω23 |
| 58S | 10 Y 41 | 1803 | 15856 | 15 II 20 | 27933 | 11 Y 34 11 Y 29 | 1847 | 16835 | 16耳08 | 28540 | 12 Y 27 | 2831 | 17813 | 16耳56 | 29548 |
| 59S | 10 Y 31 | 0840 | 15810 | 14 Д 15 | 26@54 | 11Υ24 | 1823 | 15847 | 15 Д 02 | 28502 | 12Υ16 | 2806 | 16824 | 15 Д 49 | 29510 |
| 60S | 10 Y 26 | 0815 | 14821 | 13 II 06 | 26ഇ10 | 11 Y 18 | 0858 | 14858 | 13 Д 52 | 27518 | 12 Y 10 | 1840 | 15835 | 14П38 | 28527 |
| 61S | 10 Y 21 | 29 Y 50 | 13831 | 11 Д 52 | 25©21 | 11 ℃ 13 | 0832 | 14807 | 12 Д 37 | 26530 | 12 Y 04 | 1814 | 14843 | 13 Д22 | 27539 |
| 62S | 10Υ16 | 29Y24 | 12840 | 10Д33 | 24526 | 11 Y 07 | 0805 | 13815 | 11 Д 17 | 25@35 | 11 Υ 58 | 0846 | 13850 | 12 Д 00 | 26945 |
| 63S 64S | 10Υ10 10Υ04 | 28 Y 56 28 Y 28 | 11847 10852 | 9П09 7П38 | 23©22 22©06 | 11 \(\psi 01 \) 10 \(\psi 54 \) | 29 \gamma 37 29 \gamma 08 | 12 8 21 11 8 25 | 9П51 8П18 | 24 23 23 23 17 | 11 \gamma 51 11 \gamma 44 | 0817 29°47 | 12855 11858 | 10Д33 8Д59 | 25 © 43 24 © 29 |
| 65S | 9Υ58 | 27 Y 58 | | | 22 9 00 20 9 31 | 10 Y 34 | 28 Y 37 | | | | | 29 Y 16 | | 7П17 | 22959 |
| 66S | 9°7′58 | 27 Y 27 | 9 8 55 8 8 56 | 6 I I01 4 I I16 | 20@31 | 10°7'47 10°Y'40 | 28 \(\cdot 05 \) | 10827 9827 | 6Ц39 4Ц52 | 215544 19539 | 11 \gamma 37 11 \gamma 29 | 29 \ \(\) 16 \ 28 \ \(\) 43 | 10859 9858 | 7Д17 5Д28 | 22959 |
| pc | 9 Υ 47 | 27 Y 09 | 8822 | 3 II 14 | 16532 | 10 Y 36 | 27°47 | 8 8 53 | 3П48 | 17956 | 11 Y 25 | 28 Y 24 | 9823 | 4 II 23 | 19521 |
| | | | the mean | | | | | | | | | | | | |

| | Sid.Tir MC: | | 00m A 43'11 | RMC: 3 | 45°00' | Sid.Tir MC: | | 04m A 47'49 | RMC: 3 | 346°00' | Sid.Tir MC: | | 08m A 52'33 | RMC: 3 | 347°00' |
|------------|----------------|----------------------------------|----------------------------------|--------------------------------|--------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|-------------------------------------|----------------------------------|----------------------------------|--------------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 16 Y 16 | 17827 | 16 I I11 | 13ഇ48 | 12ຄ32 | 17Ƴ21 | 18827 | 17 I I06 | 149644 | 13 2 32 | 18 Y 25 | 19827 | 18П02 | 15940 | 14Ω32 |
| 18 | 16Υ14 | 17815 | 15 II 48 | 13933 | 12.026 | 17Υ18 | 18815 | 16 II 43 | 14528 | 13 0 25 | 18Y23 | 19814 | 17Д39 | 15@24 | 14 \Omega 26 |
| 2S 3S | 16Υ12 16Υ09 | 17 8 03 | 15 II 24 15 II 01 | 13©17 13©01 | 12Ω19 12Ω13 | 17 Υ 16 17 Υ 13 | 18 8 02 17 8 50 | 16 II 20 15 II 57 | 14©13 13©57 | 13Ω19 13Ω13 | 18 ° 20 18 ° 17 | 19 8 02 18 8 49 | 17П15 16П52 | 15©09 14©53 | 14Ω20 14Ω14 |
| 4S | 16 Y 07 | 16839 | 14 I I38 | 12946 | 12807 | 17 Y 13 | 17838 | 15 II 33 | 13937 | 13007 | 18 Y 14 | 18837 | 16 Д 29 | 14933 | 14208 |
| 5S | 16 Y 04 | 16827 | 14 I I15 | 12530 | 12ຄ01 | 17 ⋎ 08 | 17826 | 15 Д 10 | 13526 | 13 ຄ 01 | 18Y12 | 18825 | 16П05 | 14922 | 14Ω02 |
| 6S | 16 Y 02 | 16815 | 13 Д 52 | 12©14 | 11£055 | 17℃06 | 17814 | 14П47 | 13510 | 12Ω55 | 18 Y 09 | 18812 | 15П42 | 14506 | 13 <i>Ω</i> 56 |
| 7S | 16Υ00 | 16803 | 13 Д 29 | 11958 | 11 0 48 | 17 ℃ 03 | 17802 | 14П24 | 12554 | 12 0 49 | 18 Y 06 | 18800 | 15 Д 19 | 13550 | 13 \Omega 49 |
| 8S 9S | 15Υ57 15Υ55 | 15 8 52 15 8 40 | 13 II 06 12 II 43 | 11©42 11©26 | 11 Ω 42 11 Ω 35 | 17 ⋎ 01 16 ⋎ 58 | 16 8 50 16 8 38 | 14 II 01 13 II 38 | 12©38 12©22 | 12 \Omega 42 12 \Omega 36 | 18 \(\cdot 04 \) 18 \(\cdot 01 \) | 17848 17836 | 14П56 14П32 | 13©34 13©18 | 13 Ω43 13 Ω37 |
| 10S | 15Υ53 | 15828 | 12 11 20 | 11©10 | 11 Ω 29 | 16 Y 56 | 16826 | 13 II 14 | 12©06 | 12.030 | 17 Y 58 | 17824 | 141109 | 13 5 02 | 13 Ω 31 |
| 11S | 15Υ50 | 15816 | 11 II 57 | 10953 | 11 & 22 | 16 Y 53 | 16814 | 12 Д 51 | 115649 | 12023 | 17°756 | 17811 | 13 Д 45 | 125645 | 13 Ω 24 |
| 12S | 15 Y 48 | 15804 | 11Д33 | 10ഇ36 | 11Ω16 | 16Ƴ50 | 16802 | 12П28 | 11533 | 12Ω17 | 17 ⋎ 53 | 16859 | 13 Д22 | 12©29 | 13 Q 18 |
| 138 | 15Υ45 | 14852 | 11 II 10 | 10520 | 11 009 | 16°°48 | 15850 | 12 Д 04 | 115616 | 12010 | 17Υ50 | 16847 | 12 Д 58 | 12512 | 13 \O 11 |
| 148 | 15Υ43 | 14841 | 10 11 47 | 10503 | 11002 | 16°Y45 | 15838 | 11 11 41 | 10559 | 12003 | 17 ° 48 | 16835 | 12П35 | 11955 | 13 20 50 |
| 15S 16S | 15Υ41 15Υ38 | 14829 14817 | 10 II 23 10 II 00 | 9 9 46 | 10Ω55 10Ω48 | 16 ° 43 16 ° 40 | 15 8 26 15 8 14 | 11 П 17 10 П 53 | 10©42 10©25 | 11Ω57 11Ω50 | 17 ° 45 17 ° 42 | 16 8 23 | 12П11 11П47 | 11©38 11©21 | 12 N 58 |
| 17S | 15Υ36 | 14805 | 9П36 | 9911 | 10Ω41 | 16 Y 38 | 15802 | 10 II 30 | 10923 | 11 Ω 43 | 17 Y 40 | 15858 | 11 Д 23 | 11904 | 12.0.44 |
| 18S | 15 Y 33 | 13853 | 9П12 | 8গু53 | 10 ຄ34 | 16Ƴ35 | 14849 | 10П06 | 95649 | 11 ຄ 36 | 17Ƴ37 | 15846 | 10П59 | 10ഇ46 | 12Ω37 |
| 198 | 15 Y 31 | 13841 | 8П48 | 8935 | 10 ຄ 27 | 16Ƴ32 | 14837 | 9п42 | 9931 | 11 & 29 | 17Ƴ34 | 15833 | 10Д35 | 10ഇ28 | 12Ω30 |
| 20S | 15Υ28 | 13829 | 8П24 | 8 9 17 | 10 & 20 | 16Y30 | 14825 | 9П17 | 9513 | 11Ω21 | 17Y31 | 15821 | 10 Д 10 | 10510 | 12.023 |
| 21S 22S | 15Υ26 15Υ23 | 13 8 17 | 8II 00 7II 35 | 7958 7939 | 10Ω12 10Ω04 | 16 ° 27 16 ° 25 | 14813 14800 | 8П53 8П28 | 8 9 55 8 9 36 | 11Ω14 11Ω06 | 17 ° 28 17 ° 26 | 15 8 08 14 8 56 | 9П46 9П21 | 9 © 51 9 © 32 | 12Ω16 12Ω08 |
| 23S | 15 Y 21 | 12852 | 7 I 11 | 7520 | 9257 | 16Y22 | 13848 | 8 II 03 | 8917 | 10259 | 17Y23 | 14843 | 8П56 | 9513 | 12000 |
| 24S | 15 Y 18 | 12840 | 6 I I46 | 7©01 | 9Ω49 | 16Ƴ19 | 13835 | 7Д38 | 7957 | 10໙51 | 17℃20 | 14830 | 8Д30 | 8গু54 | 11⋒53 |
| 25S | 15 Y 16 | 12827 | 6 I I21 | 6୭41 | 9Ω41 | 16Ƴ16 | 13822 | 7 I I3 | 7937 | 10 ຄ 43 | 17 Ƴ 17 | 14817 | 8П05 | 8934 | 11Ω45 |
| 26S | 15Υ13 | 12815 | 5II55 | 6921 | 9.032 | 16Υ14 | 13810 | 6Ц47 | 7917 | 10.035 | 17Υ14 | 14804 | 7Д39 | 8914 | 11.037 |
| 27S 28S | 15Υ10 15Υ08 | 12 8 02 11 8 49 | 5 II 30 5 II 04 | 6 ඉ 00 5 ඉ 39 | 9Ω24 9Ω15 | 16°Y11 16°Y08 | 12857 12844 | 6П21 5П55 | 6956 6935 | 10Ω26 10Ω18 | 17Ƴ11 17Ƴ08 | 13 8 51 | 7П13 6П47 | 7©53 7©32 | 11 Ω 29 11 Ω 21 |
| 29S | 15 Y 05 | 11836 | 4 I I38 | 5©18 | 9206 | 16Y05 | 12830 | 5П29 | 6 © 14 | 10209 | 17Y05 | 13824 | 6П20 | 7©10 | 11012 |
| 30S | 15 Y 02 | 11823 | 4 I 11 | 4956 | 8ณ57 | 16℃02 | 12817 | 5П02 | 5 © 52 | 10 ຄ 00 | 17 Y 02 | 13811 | 5Д53 | 6948 | 11 ຄ 03 |
| 31S | 15 Y 00 | 11810 | 3П44 | 4ഇ33 | 8 Ω 48 | 15Ƴ59 | 12803 | 4П35 | 5ഇ29 | 9ຄ51 | 16 Y 59 | 12857 | 5Д26 | 6926 | 10Ω54 |
| 32S 33S | 14Υ57 14Υ54 | 10 8 56 | 3П17 2П49 | 4910 | 8 N 38 8 N 28 | 15 Y 56 15 Y 53 | 11850 11836 | 4П07 3П39 | 5©06 4©43 | 9Ω41 9Ω31 | 16 ° 55 16 ° 52 | 12843 12829 | 4II 58 | 6903 5939 | 10Ω45 10Ω35 |
| 34S | 14 Y 51 | 10843 | 2П49 | 3ඉ47 3ඉ23 | 8 N 18 | 15 Y 50 | 11822 | 3Д39 | 49943 | 9821 | 16 Y 49 | 12829 | 4Д30 4Д01 | 5939 5935 | 10 & 25 |
| 35S | 14 Y 48 | 10815 | 1П53 | 2958 | 8008 | 15 Ƴ 47 | 11807 | 2П42 | 3954 | 9Ω11 | 16°Y46 | 12800 | 3Д32 | 4 © 50 | 10Ω15 |
| 36S | 14 Y 45 | 10801 | 1П24 | 2932 | 7£57 | 15℃44 | 10853 | 2П13 | 3528 | 9⋒00 | 16 Y 42 | 11845 | 3п03 | 4524 | 10⋒04 |
| 37S | 14Υ42 | 9846 | 0П55 | 2906 | 7£46 | 15 ° 40 | 10838 | 1 Д 44 | 3502 | 8249 | 16Υ39 | 11830 | 2Д33 | 3958 | 92.53 |
| 38S 39S | 14Υ39 14Υ35 | 9832 9817 | 0П25 29 8 54 | 1939 1931 | 7Ω34 7Ω22 | 15 Y 37 15 Y 34 | 10823 10808 | 1П13 0П43 | 2 9 35 2 9 07 | 8 N 38 8 N 26 | 16Υ35 16Υ32 | 11 8 15 10 8 59 | 2П02 1П31 | 3530 3502 | 9 Ω 42 9 Ω 30 |
| 40S | 14Y32 | 9801 | 29824 | 0 9 9 9 9 | 7Ω10 | 15 Y 30 | 9852 | 0п11 | 1938 | 8Ω14 | 16Y28 | 10843 | 0Д59 | 2933 | 9Ω18 |
| 41S | 14 \cdot 29 | 8846 | 28852 | 0942 0913 | 6Ω57 | 15 \ \gamma 26 | 9837 | 29840 | 1938 | 8£01 | 16 Y 24 | 10827 | 0Д37 | 2903 | 9206 |
| 42S | 14 Y 25 | 8830 | 28820 | 29П42 | 6 Ω 43 | 15Ƴ23 | 9820 | 29807 | 0ഇ37 | 7 Ω 48 | 16 Y 20 | 10811 | 29854 | 1 5 3 2 | 8£53 |
| 43S 44S | 14Υ22 14Υ18 | 8814 | 27847 | 29 II 10 28 II 37 | 6Ω29 6Ω15 | 15 Y 19 15 Y 15 | 9804 | 28834 | 0©05 29∏32 | 7Ω34 7Ω20 | 16Υ16 16Υ12 | 9 8 54 9 8 37 | 29821 | 1©00 0©27 | 8 N 39 8 N 25 |
| | | 7857 | 27814 | | | | 8847 | 28800 | | | | | 28846 | | |
| 45S 46S | 14Υ15 14Υ11 | 7840 7823 | 26 8 40 26 8 05 | 28 II 03 27 II 27 | 6Ω00 5Ω44 | 15 Υ 11 15 Υ 07 | 8830 8812 | 27826 26850 | 28 II 58 28 II 22 | 7Ω05 6Ω49 | 16℃08 16℃04 | 9 8 19 | 28 8 11 27 8 36 | 29 Д 52 29 Д 16 | 8Ω10 7Ω54 |
| 47S | 14 Y 07 | 7805 | 25829 | 26耳50 | 5 a 27 | 15 ℃ 03 | 7 8 54 | 26814 | 27Ⅱ45 | 6£32 | 15 Y 59 | 8843 | 26859 | 28П39 | 7ຄ38 |
| 48S | 14Υ03 | 6847 | 24853 | 26 II 12 | 5Ω09 | 14°759 | 7836 | 25837 | 27II 06 | 6Ω15 | 15°755 | 8824 | 26822 | 28 II 00 | 7Ω21 |
| 498 | 13Υ59 | 6829 | 24815 | 25 II 32 | 4.051 | 14°54 | 7817 | 24859 | 26 II 25 | 5.037 | 15°750 | 8805 | 25843 | 27 II 19 | 7.003 |
| 50S 51S | 13Υ55 13Υ50 | 6810 5850 | 23837 22858 | 24 II 49 24 II 05 | 4Ω31 4Ω10 | 14 Υ 50 14 Υ 45 | 6857 6837 | 24820 23841 | 25 II 43 24 II 58 | 5Ω37 5Ω16 | 15 ° 45 15 ° 40 | 7845 7824 | 25 8 04 24 8 23 | 26 II 36 25 II 51 | 6Ω43 6Ω23 |
| 52S | 13 Y 30 | 5 8 30 | 22817 | 24 II 03 23 II 19 | 3 N 48 | 14 Y 43 | 6816 | 23800 | 24 II 38 24 II 12 | 4Ω54 | 15 Y 40 | 7803 | 23842 | 25 II 04 | 6Ω01 |
| 53S | 13 Y 41 | 5809 | 21836 | 22П31 | 3 № 24 | 14Ƴ35 | 5855 | 22818 | 23 11 23 | 4໙31 | 15 Y 30 | 6841 | 22859 | 24П15 | 5⋒38 |
| 54S | 13 Y 36 | 4848 | 20854 | 21 II 40 | 2£159 | 14Ƴ30 | 5833 | 21835 | 22 Д 31 | 4£06 | 15℃24 | 6819 | 22816 | 23 Д23 | 5Ω14 |
| 55S | 13 Y 31 | 4825 | 20810 | 20 II 46 | 2032 | 14Y25 | 5811 | 20850 | 21 II 37 | 3 0 10 | 15Υ19 | 5856 | 21831 | 22 II 28 | 4.047 |
| 56S 57S | 13Υ26 13Υ20 | 4803 3839 | 19 82 5 18 8 39 | 19П49 18П49 | 2 N 03 | 14 Υ 19 14 Υ 13 | 4847 4823 | 20 8 05 19 8 18 | 20 II 39 19 II 38 | 3 N 10 2 N 39 | 15Υ13 15Υ06 | 5832 5808 | 20 8 44 19 8 57 | 21 II 30 20 II 28 | 4Ω19 3Ω48 |
| 58S | 13 Y 15 | 3815 | 17851 | 17 I I45 | 0ຄ56 | 14Ƴ07 | 3858 | 18829 | 18П33 | 2 2 0 5 | 15 ⋎ 00 | 4842 | 19808 | 19П22 | 3 ₪ 14 |
| 59S | 13 Y 09 | 2849 | 17802 | 16 I I37 | 0Ω18 | 14Ƴ01 | 3832 | 17839 | 17Ⅱ24 | 1 ຄ 27 | 14℃53 | 4816 | 18817 | 18П12 | 2£37 |
| 60S | 13 Y 02 | 2823 | 16811 | 15 Д 24 | 29536 | 13 ℃ 54 | 3806 | 16848 | 16П11 | 0⋒46 | 14Ƴ46 | 3848 | 17825 | 16Ц58 | 1256 |
| 61S 62S | 12Υ56 12Υ49 | 1856 1827 | 15 8 19 14 8 25 | 14П07 12П44 | 28©49 27©56 | 13 Y 48 13 Y 40 | 2838 2809 | 15 8 55 15 8 00 | 14П52 13П28 | 0 വ 00 29 ഇ 07 | 14 Ƴ 39 14 Ƴ 31 | 3820 2850 | 16 8 31 | 15 Д 38 14 Д 12 | 1Ω11 0Ω19 |
| 63S | 12°749 | 0858 | 13829 | 12 II 44 11 II 15 | 26955 | 13 \ \gamma 40 \\ 13 \ \gamma 33 | 1839 | 14803 | 13 Щ 28 11 Щ 57 | 29907 | 14 \(\gamma \) 14 \(\gamma \) 23 | 2819 | 14837 | 14 II 12 12 II 40 | 29520 |
| 64S | 12Υ35 | 0827 | 12831 | 9П39 | 25942 | 13 Y 25 | 1807 | 13804 | 10 Д 20 | 26956 | 14Υ15 | 1847 | 13838 | 11 Д 00 | 28511 |
| 65S | 12 Y 27 | 29か55 | 11832 | 7П55 | 249514 | 13 ℃ 16 | 0834 | 12804 | 8Д34 | 25@30 | 14 Y 06 | 1813 | 12836 | 9п12 | 26946 |
| 66S | 12Υ18 | 29Y22 | 10830 | 6H03 | 22517 | 13 Y 07 | 0800 | 11801 | 6Д39 | 23537 | 13°756 | 0838 | 11832 | 7II 15 | 24957 |
| pc | 12 Y 13 | 29℃02 | 9854 | 4II 57 | 20945 | 13 ℃ 02 | 29Ƴ40 | 10824 | 5Д31 | 22510 | 13 Y 51 | 0818 | 10855 | 6П05 | 23@35 |

| | Sid.Tir MC: | | 12m A 57'22 | RMC: 3 | 48°00' | Sid.Tir MC: | ne: 23h | 16m A 02'17 | RMC: 3 | 349°00' | Sid.Tir MC: | | 20m A (07'16 | RMC: 3 | 50°00' |
|------------|--------------------|----------------------------------|----------------------------------|----------------------|--------------------|------------------------------|----------------------------------|---|----------------------------------|--------------------|-------------------------------------|----------------------------------|----------------------------------|----------------------|------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 19 Y 30 | 20826 | 18 I I57 | 16535 | 15 ຄ 32 | 20 Y 34 | 21825 | 19П53 | 17531 | 16£32 | 21 Y 38 | 22824 | 20П48 | 18527 | 17£33 |
| 18 | 19Υ27 | 20813 | 18 Д 34 | 16520 | 15Ω26 | 20Υ31 | 21812 | 19П29 | 17916 | 16Ω26 | 21 Υ 35 | 22811 | 20 Д 25 | 18512 | 17.Ω27 |
| 2S 3S | 19Υ24 19Υ21 | 20801 | 18П10 17П47 | 16505 | 15 0 14 | 20 Y 28 20 Y 25 | 20859 | 19 🗆 10 10 10 10 10 10 10 10 10 10 10 10 10 | 17501 | 16Ω21 | 21 \gamma 32 21 \gamma 28 | 21858 | 20П01 19П37 | 17957 | 17Ω21 |
| 4S | 19 Y 21 19 Y 18 | 19848 19836 | 17 II 47 17 II 24 | 15©49 15©34 | 15Ω14 15Ω08 | 20 Y 23 20 Y 22 | 20847 20834 | 18П42 18П19 | 16945 16930 | 16Ω15 16Ω09 | 21 Y 28 21 Y 25 | 21845 | 19Д37 | 175642 175626 | 17Ω16 17Ω10 |
| 5S | 19Y15 | 19823 | 17 I I00 | 15@18 | 15 \O 02 | 20Υ19 | 20821 | 17 I I55 | 16914 | 16Ω03 | 21Υ22 | 21820 | 18П50 | 17 © 20 | 17Ω04 |
| 6S | 19 Y 13 | 19823 | 16 I I37 | 15902 | 14Ω56 | 20 γ 16 | 20821 | 17 II 33 | 15959 | 15 Ω 57 | 21 Y 19 | 21807 | 18 II 27 | 16955 | 16Ω58 |
| 7S | 19Υ10 | 18858 | 16耳14 | 149346 | 14 \$\alpha 50\$ | 20 Y 13 | 19856 | 17П09 | 15943 | 15 251 | 21Υ16 | 20854 | 18П03 | 16539 | 16Ω53 |
| 8S | 19 Υ 07 | 18846 | 15 I I50 | 14530 | 14Ω44 | 20Υ10 | 19844 | 16耳45 | 15©27 | 15Ω45 | 21Υ13 | 20841 | 17П40 | 16523 | 16Ω47 |
| 9S | 19Ƴ04 | 18834 | 15П27 | 149514 | 14£38 | 20 ℃ 07 | 19831 | 16П22 | 15©11 | 15 A 39 | 21 Y 10 | 20829 | 17П16 | 16907 | 16Ω41 |
| 108 | 19Υ01 | 18821 | 15 Д 03 | 13558 | 14 232 | 20Υ04 | 19819 | 15 Д 58 | 14955 | 15 Ω 33 | 21 Y 07 | 20816 | 16П53 | 15951 | 16Ω35 |
| 11S 12S | 18Υ58 18Υ56 | 18 8 09 17 8 57 | 14 II 40 14 II 16 | 13542 13525 | 14Ω26 14Ω19 | 20°701 19°758 | 19806 18854 | 15 II 34 15 II 11 | 14©38 14©22 | 15Ω27 15Ω21 | 21 \(\psi 03 \) 21 \(\psi 00 \) | 20803 19851 | 16П29 16П05 | 15©35 15©19 | 16Ω29 16Ω23 |
| 12S | 18 Y 53 | 17837 | 13 Д 53 | 13923 | 148219 | 19 γ 55 | 18841 | 14 Д 47 | 14905 | 15 Ω 14 | 20 Y 57 | 19838 | 15 II 41 | 15902 | 16Ω16 |
| 14S | 18 Y 50 | 17832 | 13 Д 29 | 12552 | 14Ω06 | 19 Y 52 | 18829 | 14 Д 23 | 135648 | 15Ω08 | 20Υ54 | 19825 | 15 Д 17 | 149345 | 16Ω10 |
| 15S | 18 Ƴ 47 | 17819 | 13 Д 05 | 12535 | 14£00 | 19°Y49 | 18816 | 13 Д 59 | 13931 | 15Ω02 | 20Υ51 | 19812 | 14П53 | 149528 | 16Ω04 |
| 16S | 18 Y 44 | 17807 | 12∏41 | 12518 | 13 £ 53 | 19 Y 46 | 18803 | 13 Д35 | 13ഇ14 | 14Ω55 | 20°Y48 | 19800 | 14П29 | 14911 | 15Ω57 |
| 17S | 18 Y 41 | 16854 | 12 П 17 | 12500 | 13 Ω 46 | 19 Y 43 | 17851 | 13 Д 11 | 12557 | 14Ω48 | 20Υ45 | 18847 | 14П04 | 13554 | 15251 |
| 188 | 18 Y 38 18 Y 35 | 16842 | 11 II 53 11 II 28 | 115642 | 13 0 33 | 19 Y 40 | 17838 | 12Π46 | 12 © 39 12 © 21 | 14 \Omega 42 | 20°41 | 18834 | 13 Π 40 | 13 5 3 6 | 15Ω44 |
| 198 | | 16829 | | 11524 | 13.033 | 19 Y 37 | 17825 | 12 11 21 | | 14.035 | 20 Y 38 | 18821 | 13 II 15 | 135518 | 15.037 |
| 20S 21S | 18Υ33 18Υ30 | 16 8 17 | 11 II 03 10 II 39 | 11©06 10©48 | 13 Ω 25 13 Ω 18 | 19 \gamma 34 19 \gamma 31 | 17812 16859 | 11 Д 57 11 Д 32 | 12©03 11©44 | 14Ω28 14Ω21 | 20Υ35 20Υ32 | 18808 17855 | 12Д50 12Д25 | 13500 12541 | 15Ω31 15Ω24 |
| 21S 22S | 18 Y 27 | 15851 | 10月39 | 109348 | 132118 | 19 Y 31 | 16839 | 11 II 32 | 119344 | 148721 | 20 Y 32 20 Y 28 | 17833 | 11 II 59 | 12523 | 15 <i>α</i> 16 |
| 23S | 18 Y 24 | 15838 | 9П48 | 10510 | 13 ຄ 03 | 19 Y 24 | 16833 | 10П41 | 11507 | 14£06 | 20Y25 | 17828 | 11 Д 34 | 12504 | 15 Ω 09 |
| 24S | 18 Y 21 | 15825 | 9П23 | 9950 | 12£356 | 19 ℃ 21 | 16820 | 10П15 | 10947 | 13 259 | 20Y22 | 17815 | 11П08 | 115644 | 15Ω02 |
| 25S | 18 Y 17 | 15812 | 8П57 | 9530 | 12 A 48 | 19 Y 18 | 16807 | 9П49 | 10ഇ27 | 13 251 | 20Υ18 | 17801 | 10П42 | 11524 | 14Ω54 |
| 26S | 18Υ14 18Υ11 | 14 8 59 | 8Д31 | 9510 8549 | 12Ω40 12Ω32 | 19Υ15 19Υ11 | 15853 | 9П23 | 10 ඉ 07 9 ඉ 46 | 13 \Omega 43 | 20Υ15 20Υ11 | 16848 | 10П15 9П49 | 11©04 10©43 | 14Ω47 14Ω39 |
| 27S 28S | 18 Y 08 | 14832 | 8П05 7П38 | 8928 | 128232 | 19 Y 08 | 15 8 40 15 8 26 | 8П57 8П30 | 99940 | 13 Ω 35 13 Ω 27 | 20 Υ 11 20 Υ 08 | 16 8 34 | 9П49 | 10943 | 148239 |
| 29S | 18 Y 05 | 14818 | 7п11 | 8907 | 12 \Omega 15 | 19 Y 05 | 15812 | 8п03 | 9904 | 13 Ω 19 | 20°704 | 16806 | 8П54 | 10©01 | 14Ω22 |
| 30S | 18 Y 01 | 14804 | 6П44 | 7 © 45 | 12Ω06 | 19 ° 01 | 14858 | 7П35 | 8942 | 13 & 10 | 20Y01 | 15851 | 8П26 | 9539 | 14Ω14 |
| 31S | 17 Y 58 | 13850 | 6П16 | 7গু22 | 11Ω57 | 18 Y 58 | 14844 | 7П07 | 8গু19 | 13 Q 01 | 19 Y 57 | 15837 | 7Д58 | 9516 | 14Ω05 |
| 32S | 17Υ55 | 13836 | 5II48 | 6959 | 11.048 | 18 Y 54 | 14829 | 6П39 | 7956 | 12.0.52 | 19 \(\cdot 53 \) | 15822 | 7H30 | 8953 | 13 0 17 |
| 33S 34S | 17Υ51 17Υ48 | 13 8 22 13 8 07 | 5П20 4П51 | 6935 6911 | 11Ω39 11Ω29 | 18 Y 50 18 Y 47 | 14815 14800 | 6П10 5П41 | 7932 7908 | 12Ω43 12Ω33 | 19 Y 49 19 Y 46 | 15 8 07 14 8 52 | 7Д01 6Д31 | 8 © 29 | 13Ω47 13Ω38 |
| 35S | 17Υ44 | 12852 | 4п22 | 5946 | 11Ω19 | 18°Y43 | 13845 | 5 I 11 | 6943 | 12 Ω 23 | 19°Y42 | 14837 | 6Д01 | 79540 | 13 Ω 28 |
| 36S | 17Υ41 | 12837 | 3 II 52 | 5920 | 11Ω08 | 18Υ39 | 13829 | 4 I 141 | 6917 | 12 Ω 13 | 19Υ38 | 14821 | 5Д31 | 7 9 14 | 13 Ω 18 |
| 37S | 17 Y 37 | 12822 | 3П22 | 4954 | 10Ω58 | 18 Y 35 | 13814 | 4 I 11 | 5ഇ50 | 12 N 02 | 19 Ƴ 34 | 14806 | 5П00 | 6947 | 13 Q 07 |
| 388 | 17Υ33 | 12806 | 2Д51 | 4927 | 10 0 47 | 18 Y 31 | 12858 | 3 11 40 | 5923 | 11.0.51 | 19Υ29 | 13849 | 4II 28 | 6920 | 12.056 |
| 39S | 17Υ29 | 11851 | 2Ц19 | 3958 | 10ω35 | 18Υ27 | 12842 | 31108 | 4955 | 11Ω40 | 19Υ25 | 13833 | 3Д56 | 5951 | 12Ω45 |
| 40S 41S | 17Υ26 17Υ22 | 11834 11818 | 1П47 1П15 | 3©29 2©59 | 10Ω23 10Ω11 | 18Υ23 18Υ19 | 12825 12809 | 2 II 35 2 II 02 | 4©26 3©55 | 11Ω28 11Ω16 | 19°Y21 19°Y16 | 13 8 16 12 8 59 | 3 Д 24 2 Д 50 | 5©22 4©52 | 12 \alpha 34 12 \alpha 22 |
| 41S 42S | 17 Y 22 | 11801 | 0Д41 | 2528 | 9258 | 18 Y 19 | 11852 | 1 П 29 | 3@33 3@24 | 11 Ω 03 | 19 Y 10 | 12842 | 2Д30 | 4932 | 128722 12809 |
| 43S | 17 Y 13 | 10844 | 0П08 | 1956 | 9Ω44 | 18 Y 10 | 11834 | 0П54 | 2952 | 10Ω50 | 19 Y 07 | 12824 | 1 Д 42 | 3548 | 11256 |
| 44S | 17 Y 09 | 10827 | 29833 | 19522 | 9ຄ30 | 18 Y 06 | 11816 | 0П19 | 2918 | 10ຄ36 | 19 ⋎ 02 | 12806 | 1П06 | 3514 | 11 A 42 |
| 45S | 17 Y 05 | 10809 | 28857 | 0ഇ48 | 9Ω16 | 18 Y 01 | 10858 | 29844 | 19543 | 10ຄ22 | 18 Y 58 | 11847 | 0П30 | 2539 | 11 Q 28 |
| 46S | 17Υ00 | 9850 | 28821 | 0@11 | 9200 | 17Υ56 | 10839 | 29807 | 1997 | 10Ω07 | 18 Y 53 | 11828 | 29853 | 2502 | 11.013 |
| 47S 48S | 16Υ55 16Υ51 | 9832 9812 | 27844 27806 | 29 II 34 28 II 54 | 8 N 44 8 N 27 | 17Υ51 17Υ46 | 10820 10801 | 28 8 29 27 8 51 | 0©29 29∏49 | 9 N 51 9 N 34 | 18 Ƴ 47 18 Ƴ 42 | 11809 10849 | 29 8 15 28 8 36 | 1 ହ 2 4 0 ହ 4 4 | 10Ω58 10Ω41 |
| 49S | 16 Y 46 | 8852 | 26827 | 28 II 13 | 8209 | 17 Y 41 | 9840 | 27811 | 29П08 | 9Ω16 | 18 Y 37 | 10828 | 27856 | 0503 | 10 Ω 24 |
| 50S | 16 ° 41 | 8832 | 25847 | 27Ц30 | 7£50 | 17 Y 36 | 9820 | 26831 | 28П24 | 8£58 | 18 Y 31 | 10807 | 27815 | 29П19 | 10 ຄ 05 |
| 51S | 16 Y 35 | 8811 | 25806 | 26耳45 | 7ຄ30 | 17 Y 30 | 8858 | 25850 | 27П39 | 8£38 | 18 Y 25 | 9845 | 26833 | 28П33 | 9Ω46 |
| 52S | 16Υ30 | 7850 | 24824 | 25 II 57 | 7209 | 17Υ25 | 8836 | 25807 | 26П51 | 8 N 17 | 18 Y 19 | 9823 | 25849 | 27П45 | 9⋒25 |
| 53S 54S | 16Υ24 16Υ18 | 7828 7805 | 23 8 41 22 8 57 | 25 II 08 24 II 15 | 6Ω46 6Ω22 | 17Υ19 17Υ12 | 8 8 14 7 8 51 | 24823 23838 | 26 II 01 25 II 07 | 7 N 54 7 N 30 | 18Υ13 18Υ06 | 9800 8836 | 25 8 05 24 8 19 | 26 II 54 26 II 00 | 9 N 03 8 N 39 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 16Υ12 16Υ06 | 6841 6817 | 22811 21824 | 23 II 19 22 II 21 | 5 N 56 5 N 28 | 17 Y 06 16 Y 59 | 7826 7802 | 22852 22804 | 24 II 11 23 II 12 | 7 N 05 | 18 \(\cdot 00 \) 17 \(\cdot 53 \) | 8812 7846 | 23832 22844 | 25 II 04 24 II 04 | 8Ω14 7Ω47 |
| 57S | 16 Y 00 | 5852 | 20836 | 21 II 18 | 4257 | 16 Y 53 | 6836 | 21815 | 22 II 09 | 6£07 | 17 Y 45 | 7820 | 21854 | 23 II 00 | 78247 7817 |
| 58S | 15 Y 53 | 5826 | 19846 | 20 Д 12 | 4Ω24 | 16 Y 45 | 6809 | 20824 | 21 II 01 | 5Ω34 | 17 Y 38 | 6853 | 21803 | 21 Д 52 | 6Ω45 |
| 59S | 15 Y 46 | 4859 | 18855 | 19П01 | 3 ₪ 47 | 16 Y 38 | 5842 | 19832 | 19П50 | 4£058 | 17 Ƴ 30 | 6825 | 20810 | 20П39 | 6Ω10 |
| 60S | 15 Y 38 | 4831 | 18801 | 17II45 | 3 № 07 | 16 Y 30 | 5813 | 18838 | 18耳33 | 4Ω19 | 17Y22 | 5855 | 19815 | 19П21 | 5ω31 |
| 61S 62S | 15Υ30 15Υ22 | 4801 3831 | 17807 16810 | 16 II 24 14 II 57 | 2 N 22 1 N 32 | 16Υ22 16Υ13 | 4843 4812 | 17843 16845 | 17 II 10 15 II 42 | 3 N 35 2 N 45 | 17 Υ 13 17 Υ 04 | 5825 4853 | 18 8 18 17 8 20 | 17П57 16П27 | 4Ω47 3Ω59 |
| 63S | 15 γ 22 15 γ 14 | 3800 | 15811 | 13 Д 23 | 0Ω34 | 16 Y 04 | 3840 | 15845 | 14 II 06 | 1Ω48 | 16 Y 55 | 4820 | 16820 | 14 II 50 | 3 & 0 3 |
| 64S | 15Υ05 | 2827 | 14811 | 11 Д 41 | 29@26 | 15 Y 55 | 3806 | 14844 | 12 Д 22 | 0 Ω 42 | 16°Y45 | 3846 | 15817 | 13 Д 04 | 1258 |
| 65S | 14 Y 55 | 1852 | 13808 | 9П51 | 28ഇ04 | 15 Ƴ 45 | 2831 | 13840 | 10П30 | 29522 | 16 Y 34 | 3810 | 14812 | 11П08 | 0Ω40 |
| 66S | 14Υ45 | 1816 | 12803 | 7Д51 | 26গু18 | 15Υ34 | 1854 | 12834 | 8п27 | 275340 | 16Y23 | 2832 | 13805 | 9п03 | 29503 |
| pc | 14 Y 39 | 0855 | 11825 | 6Ц39 | 25©01 | 15 Y 28 | 1833 | 11856 | 7ц14 | 26\$26 | 16 Y 16 | 2810 | 12826 | 7П48 | 27952 |

| | Sid.Tir MC: | | 24m A 12'20 | RMC: 3 | 51°00' | Sid.Tir MC: | | 28m A 17'28 | RMC: 3 | 352°00' | Sid.Tir MC: | | 32m A 22'39 | RMC: 3 | 53°00' |
|------------|-------------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------|-------------------------------------|----------------------------------|----------------------------------|---------------------------------|--------------------|-------------------------------------|----------------------------------|----------------------------------|----------------------|------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 22Ƴ42 | 23823 | 21 Д43 | 19©24 | 18£34 | 23 ℃ 46 | 24821 | 22 Ц 39 | 20ഇ20 | 19£35 | 24Ƴ49 | 25820 | 23 II 34 | 21©16 | 20⋒36 |
| 1S 2S | 22 \gamma 38 22 \gamma 35 | 23 8 10 22 8 57 | 21 II 20 20 II 56 | 19©08 18©53 | 18Ω28 18Ω22 | 23 \(\cdot 42 \) 23 \(\cdot 39 \) | 24808 23855 | 22 II 15 21 II 51 | 20©05 19©50 | 19Ω29 19Ω24 | 24 \cdot 46 24 \cdot 42 | 25 8 07 24 8 53 | 23 II 10 22 II 46 | 21©01 20©46 | 20Ω30 20Ω25 |
| 3S | 22 Y 33 | 22844 | 20 II 30 20 II 33 | 18938 | 18Ω17 | 23 Y 35 | 23842 | 21 II 31 21 II 28 | 19934 | 198124 | 24 Y 38 | 24833 | 22 II 40 22 II 23 | 20931 | 20 Ω 20 |
| 4S | 22Υ29 | 22831 | 20П09 | 18522 | 18£11 | 23 Y 32 | 23829 | 21 II 04 | 19519 | 19 2 13 | 24Υ35 | 24827 | 21 Д 59 | 20516 | 20 Ω 14 |
| 58 | 22 Y 25 | 22818 | 19П45 | 18ഇ07 | 18Ω06 | 23 Y 28 | 23816 | 20П40 | 19504 | 19Ω07 | 24Y31 | 24813 | 21 Д35 | 20500 | 20209 |
| 6S | 22Ƴ22 | 22805 | 19П22 | 17©51 | 18£000 | 23 ℃ 25 | 23803 | 20П17 | 18548 | 19201 | 24Ƴ28 | 24800 | 21 Д 12 | 19\$45 | 20 û 03 |
| 7S | 22Υ19 | 21852 | 18Д58 | 17936 | 17Ω54 | 23 Y 22 | 22849 | 19П53 | 18532 | 18256 | 24Y24 | 23847 | 20П48 | 19529 | 19258 |
| 8S 9S | 22 Y 16 22 Y 12 | 21839 21826 | 18П35 18П11 | 17 ඉ 20 17 ඉ 04 | 17Ω48 17Ω42 | 23 Y 18 23 Y 15 | 22836 22823 | 19П29 19П06 | 18©17 18©01 | 18Ω50 18Ω44 | 24 ° 21 24 ° 17 | 23 8 34 23 8 21 | 20 II 24 20 II 00 | 19©14 18©58 | 19Ω52 19Ω46 |
| 108 | 22 Y 12 | 21813 | 17 Д 47 | 16948 | 17.037 | 23 Y 11 | 22810 | 18 Д 42 | 17945 | 18.039 | 24 Y 14 | 23807 | 19П36 | 18942 | 19Ω41 |
| 11S | 22Υ06 | 21800 | 17Д47 | 16932 | 17.037 | 23 Υ 08 | 21857 | 18 II 18 | 17929 | 18£33 | 24Υ10 | 22854 | 19П12 | 18526 | 19235 |
| 12S | 22 Y 03 | 20848 | 16耳59 | 16 ව 15 | 17 <i>ω</i> 25 | 23 Y 05 | 21844 | 17 Д 54 | 17ഇ12 | 18£27 | 24Ƴ07 | 22841 | 18 I I48 | 18510 | 19 29 |
| 138 | 21Υ59 | 20835 | 16Д35 | 15@59 | 17Ω19 | 23 Υ 01 | 21831 | 17П30 | 16956 | 18021 | 24Υ03 | 22828 | 18 Д 24 | 17953 | 19 Ω 23 |
| 14S | 21 ℃ 56 | 20822 | 16П11 | 15942 | 17Ω12 | 22 Υ 58 | 21818 | 17П05 | 16539 | 18 N 15 | 23 ⋎ 59 | 22815 | 17П59 | 17537 | 19Ω17 |
| 15S | 21 \gamma 53 21 \gamma 49 | 20809 | 15 II 47 | 15 ඉ 25 15 ඉ 08 | 17.006 | 22 \gamma 54 22 \gamma 51 | 21805 20852 | 16 I I41 | 16©22 16©05 | 18.009 | 23 \gamma 56 23 \gamma 52 | 22 8 01 21 8 48 | 17II 35 | 17©20 17©03 | 19Ω11 19Ω05 |
| 16S 17S | 21 Y 49 21 Y 46 | 19 8 56 19 8 43 | 15 Д 22 14 Д 58 | 13908 | 17Ω00 16Ω53 | 22 Y 31 22 Y 47 | 20832 | 16 II 16 15 II 52 | 15948 | 18Ω02 17Ω56 | 23 Y 32 23 Y 49 | 21835 | 17II10 16II45 | 16945 | 198703 18£059 |
| 18S | 21 ℃ 43 | 19830 | 14耳33 | 14933 | 16Ω47 | 22 Y 44 | 20826 | 15 II 27 | 15@30 | 17Ω50 | 23 Y 45 | 21821 | 16 Д 20 | 16528 | 18£053 |
| 19S | 21Ƴ39 | 19817 | 14 I I08 | 14915 | 16Ω40 | 22 ℃ 40 | 20812 | 15 Д 02 | 15©13 | 17£43 | 23Ƴ41 | 21808 | 15Д55 | 16510 | 18ብ46 |
| 20S | 21Ƴ36 | 19803 | 13 Д 43 | 13ഇ57 | 16Ω33 | 22 Y 37 | 19859 | 14П36 | 14954 | 17ຄ37 | 23Ƴ38 | 20854 | 15П30 | 15©52 | 18⋒40 |
| 218 | 21 Y 32 | 18850 | 13 II 18 | 13@39 | 16.027 | 22Υ33 | 19845 | 14 II 11 | 14936 | 17.030 | 23 Y 34 | 20840 | 15 II 04 | 15@34 | 18.033 |
| 22S 23S | 21 Y 29 21 Y 26 | 18 8 37 | 12 Д 52 12 Д 26 | 13©20 13©01 | 16Ω20 16Ω12 | 22 \gamma 30 22 \gamma 26 | 19 8 32 | 13 II 45 13 II 19 | 14©17 13©58 | 17Ω23 17Ω16 | 23 \gamma 30 23 \gamma 26 | 20827 20813 | 14 II 38 14 II 12 | 15©15 14©56 | 18Ω27 18Ω20 |
| 24S | 21 Y 22 | 18809 | 12Д00 | 12541 | 16205 | 22 Y 22 | 19804 | 12 Д 53 | 13539 | 17209 | 23 Y 23 | 19859 | 13 Д 46 | 14536 | 18 N 13 |
| 25S | 21 Y 18 | 17856 | 11 Д34 | 12©21 | 15 | 22 Y 19 | 18850 | 12 п 27 | 13519 | 17£02 | 23 Y 19 | 19845 | 13 Д 19 | 14917 | 18Ω06 |
| 26S | 21 ℃ 15 | 17842 | 11Д07 | 12©01 | 15 A 50 | 22 Y 15 | 18836 | 12 Д 00 | 12©59 | 16Ω54 | 23 Y 15 | 19830 | 12 Д 52 | 13556 | 17£58 |
| 27S | 21Υ11 | 17828 | 10 II 41 | 11531 | 15 \O 25 | 22 Y 11 | 18822 | 11 II 33 | 12538 | 16.046 | 23 Y 11 | 19816 | 12 Д 25 | 13536 | 17.0.51 |
| 28S 29S | 21 \(\cdot 08 \) 21 \(\cdot 04 \) | 17814 16859 | 10П13 9П46 | 11©20 10©58 | 15Ω35 15Ω26 | 22 \(\cdot 07 \) 22 \(\cdot 03 \) | 18 8 07 17 8 53 | 11 II 05 10 II 37 | 12©17 11©55 | 16Ω39 16Ω31 | 23 \(\psi 07 \) 23 \(\psi 03 \) | 19 8 01 18 8 47 | 11 Д 57 11 Д 29 | 13©15 12©53 | 17Ω43 17Ω35 |
| 30S | 21 γ 00 | 16845 | 9п18 | 10©36 | 15Ω18 | 21Υ59 | 17838 | 10П09 | 11933 | 16Ω22 | 22 Y 59 | 18832 | 11 11 00 | 12@31 | 17.Ω27 |
| 31S | 20Υ56 | 16830 | 8Ц49 | 10930 | 15 209 | 21 Y 55 | 17823 | 9П40 | 11933 | 16Ω14 | 22°754 | 18816 | 10耳32 | 12508 | 17.019 |
| 32S | 20⋎52 | 16815 | 8Д20 | 9ഇ50 | 15 Ω 01 | 21 Y 51 | 17808 | 9п11 | 10ഇ48 | 16£05 | 22 Y 50 | 18801 | 10п02 | 115645 | 17 Ω 10 |
| 33S 34S | 20 \gamma 48 20 \gamma 44 | 16 8 00 15 8 45 | 7Д51 7Д21 | 9 © 26 | 14Ω52 14Ω42 | 21 \gamma 47 21 \gamma 43 | 16 8 53 | 8П42 8П12 | 10 © 24 9 © 59 | 15Ω57 15Ω47 | 22 \gamma 46 22 \gamma 41 | 17845 17830 | 9П32 9П02 | 11©21 10©57 | 17Ω02 16Ω53 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 20 \gamma 40 20 \gamma 36 | 15 8 29 | 6Д51 6Д21 | 8 ୭ 37 8 ୭ 11 | 14Ω33 14Ω23 | 21 \gamma 39 21 \gamma 34 | 16 8 21 16 8 05 | 7П41 7П10 | 9 5 34 9 5 08 | 15Ω38 15Ω28 | 22 \gamma 37 22 \gamma 32 | 17814 16857 | 8Д31 8Д00 | 10©32 10©06 | 16Ω43 16Ω34 |
| 37S | 20 Y 32 | 14857 | 5П49 | 79544 | 14Ω13 | 21 Υ30 | 15849 | 6П39 | 8941 | 15 A 18 | 22Υ28 | 16841 | 7П28 | 9539 | 16Ω24 |
| 38S | 20℃27 | 14841 | 5П17 | 79317 | 14Ω02 | 21Υ25 | 15832 | 6П07 | 8514 | 15 A 08 | 22Υ23 | 16824 | 6Ц56 | 9511 | 16Ω14 |
| 398 | 20℃23 | 14824 | 4 I I45 | 6948 | 13Ω51 | 21 ℃21 | 15815 | 5П34 | 79545 | 14Ω57 | 22 Ƴ 18 | 16807 | 6П23 | 89643 | 16£03 |
| 40S | 20°14 | 14807 | 4H12 | 6919 | 13 0 39 | 21Υ16 | 14858 | 5 II 00 | 7916 | 14 0 34 | 22Υ13 | 15849 | 5 П 49 | 8513 | 15 0 41 |
| 41S 42S | 20 \gamma 14 20 \gamma 09 | 13850 13832 | 3Д38 3Д04 | 5948 5917 | 13 Ω 28 13 Ω 15 | 21 \gamma 11 \\ 21 \gamma 06 | 14840 14822 | 4П26 3П51 | 6945 6914 | 14Ω34 14Ω22 | 22 \(\cdot 08 \) 22 \(\cdot 03 \) | 15 8 31 15 8 13 | 5П14 4П39 | 79643 79611 | 15Ω41 15Ω29 |
| 43S | 20℃04 | 13814 | 2П29 | 4944 | 13 & 02 | 21 Y 01 | 14804 | 3Д16 | 5941 | 14009 | 21 Y 58 | 14854 | 4Π03 | 6938 | 15Ω16 |
| 44S | 19Ƴ59 | 12856 | 1П53 | 4গু10 | 12Ω49 | 20℃56 | 13845 | 2П40 | 5907 | 13 A 56 | 21 Υ 52 | 14835 | 3П27 | 6904 | 15 Q 03 |
| 45S | 19か54 | 12837 | 1П16 | 3ഇ35 | 12235 | 20 Υ 50 | 13826 | 2П02 | 4932 | 13 \alpha 42 | 21 Ƴ 47 | 14815 | 2П49 | 5928 | 14Ω50 |
| 46S 47S | 19 Y 49 19 Y 43 | 12817 11857 | 0Д38 0Д00 | 2©58 2©20 | 12Ω20 12Ω05 | 20 \gamma 45 20 \gamma 39 | 13806 12846 | 1П24 0П45 | 3©55 3©16 | 13 Ω 28 13 Ω 12 | 21 \gamma41 21 \gamma35 | 13855 13835 | 2Ц10 1Ц31 | 4951 49512 | 14Ω35 14Ω21 |
| 47S 48S | 19°7'43 | 11837 | 29820 | 2 ම 20 1 ණ 40 | 128103 11Ω49 | 20°7'39 20°7'33 | 12825 | 0Д45 0Д05 | 2536 | 12056 | 21 Y 35 21 Y 29 | 13813 | 0Д50 | 3932 | 148121 |
| 49S | 19 Y 32 | 11816 | 28840 | 0ອ58 | 11 231 | 20°27 | 12804 | 29824 | 1953 | 12040 | 21 Y 23 | 12852 | 0П09 | 2549 | 13 N 48 |
| 50S | 19Ƴ26 | 10855 | 27859 | 0១14 | 11 a 13 | 20 Y 21 | 11842 | 28842 | 1909 | 12 & 22 | 21 Y 16 | 12829 | 29826 | 2505 | 13 ຄ31 |
| 51S | 19℃20 | 10832 | 27816 | 291128 | 10Ω54 | 20°15 | 11819 | 27859 | 0523 | 12003 | 21Υ10 | 12806 | 28843 | 15518 | 13 \Omega 12 |
| 52S 53S | 19 Υ 14 19 Υ 07 | 10810 9846 | 26 8 32 25 8 47 | 28 II 39 27 II 48 | 10Ω34 10Ω12 | 20 \(\cdot 08 \) 20 \(\cdot 01 \) | 10856 10832 | 27 8 15 26 8 29 | 29 II 34 28 II 42 | 11 Ω 43 11 Ω 22 | 21 \(\psi 03 \) 20 \(\psi 55 \) | 11843 11818 | 27858 27811 | 0©29 29П37 | 12 \Omega 53 12 \Omega 32 |
| 54S | 19Y07 19Y00 | 9822 | 25801 | 26 II 54 | 9 \(\O \)49 | 19\gamma54 | 10832 | 25842 | 28 II 42 27 II 47 | 113622 | 20Υ33 20Υ48 | 10853 | 26824 | 29 II 37 28 II 42 | 128632 |
| 55S | 18Ƴ53 | 8857 | 24813 | 25П56 | 9ຄ24 | 19Ƴ47 | 9842 | 24854 | 26П50 | 10ຄ34 | 20Ƴ40 | 10827 | 25835 | 27П43 | 11 Ω 45 |
| 56S | 18Ƴ46 | 8831 | 23824 | 24II56 | 8£57 | 19Ƴ39 | 9816 | 24804 | 25Ⅱ48 | 10Ω08 | 20Ƴ32 | 10800 | 24844 | 26П41 | 11 & 19 |
| 57S | 18 Y 38 | 8804 | 22834 | 23 II 51 | 8£28 | 19 Y 31 | 8848 | 23813 | 24 II 43 | 9,039 | 20°24 | 9832 | 23852 | 25 II 35 | 10.051 |
| 58S 59S | 18 Y 30 18 Y 22 | 7836 7808 | 21841 20848 | 22 II 42 21 II 28 | 7 N 56 7 N 22 | 19 ° 23 19 ° 14 | 8820 7851 | 22820 21825 | 23 II 33 22 II 18 | 9 N 08 8 N 34 | 20 Y 15 20 Y 06 | 9804 8834 | 22859 22803 | 24 II 24 23 II 09 | 10Ω21 9Ω47 |
| 60S | 18 Y 14 | 6838 | 19852 | 20 11 09 | 6Ω43 | 19Y05 | 7820 | 20829 | 20П58 | 7.057 | 19°757 | 8802 | 21806 | 21 Д48 | 9Ω10 |
| 61S | 18 Y 04 | 6807 | 18854 | 18 II 44 | 6£43 | 18\gamma 56 | 6848 | 19830 | 19 I I32 | 7 N 15 | 19 Y 47 | 7 8 30 | 20806 | 20 II 20 | 8£10 |
| 62S | 17Ƴ55 | 5834 | 17855 | 17 I I3 | 5 Q 13 | 18Ƴ46 | 6815 | 18830 | 17П59 | 6⋒28 | 19Ƴ36 | 6856 | 19805 | 18П45 | 7Ω44 |
| 63S | 17°45 | 5801 | 16854 | 15 II 33 | 4Ω19 2Ω15 | 18 Y 35 | 5841 | 17828 | 16II17 | 5.035 | 19Y25 | 6821 | 18802 | 17 II 02 | 6£052 |
| 64S | 17 ° 34 | 4825 | 15850 | 13 11 45 | 3.015 | 18 7 24 | 5805 | 16823 | 14 11 27 | 4.033 | 19Υ14 | 5844 | 16856 | 15 Д 09 | 5.0.52 |
| 65S 66S | 17 Y 23 17 Y 12 | 3849 3810 | 14844 13836 | 11П48 9П39 | 2 N 00 0 N 25 | 18 ⋎ 13 18 ⋎ 00 | 4827 3848 | 15 8 16 14 8 07 | 12П27 10П15 | 3Ω20 1Ω49 | 19 ⋎ 02 18 ⋎ 49 | 5806 4826 | 15 8 48 14 8 38 | 13 II 06 10 II 51 | 4Ω40 3Ω13 |
| pc | 17 Y 12 | 2848 | 12857 | 9H39 8H22 | 29919 | 17 Y 53 | 3825 | 13827 | 8Д56 | 0Ω45 | 18 Y 49 | 4803 | 13857 | 9Д30 | 2012 |
| P* | , 05 | | | | | , 55 | 1 0 20 | 02/ | | | | . 505 | 00, | | |

| | Sid.Tir MC: | | 36m A 27'53 | RMC: 3 | 54°00' | Sid.Tir MC: | | 40m A 33'10 | RMC: 3 | 355°00' | Sid.Tir MC: | ne: 23h4 25)(| 44m A 38'30 | RMC: 3 | 356°00' |
|--------------------------|---|--|---|---|--|---|----------------------------------|--|--|--|---|--|--|--|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S 1S 2S 3S | 25 \gamma 53 25 \gamma 49 25 \gamma 45 25 \gamma 42 | 26818 26805 25851 25838 | 24 II 29 24 II 05 23 II 42 23 II 18 | 22©13 21©58 21©43 21©28 | 21 \Omega 37 21 \Omega 32 21 \Omega 27 21 \Omega 21 | 26 Y 56 26 Y 52 26 Y 48 26 Y 44 | 27816 27803 26849 26835 | 25 II 24 25 II 00 24 II 37 24 II 13 | 23©09 22©54 22©39 22©24 | 22 \Omega 38 22 \Omega 33 22 \Omega 28 22 \Omega 23 | 27 \(\cdot 59 \) 27 \(\cdot 55 \) 27 \(\cdot 51 \) 27 \(\cdot 47 \) | 28 8 14 28 8 01 27 8 47 27 8 33 | 26 II 19 25 II 55 25 II 32 25 II 08 | 24©06 23©51 23©36 23©21 | 23 \Omega 40 23 \Omega 35 23 \Omega 30 23 \Omega 25 |
| 4S 5S 6S | 25 Υ 38 25 Υ 34 25 Υ 31 | 25 8 24 25 8 11 24 8 58 | 22 II 54 22 II 30 22 II 06 | 21©12 20©57 20©42 | 21 \alpha 16 21 \alpha 11 21 \alpha 05 | 26 Y 41 26 Y 37 26 Y 33 | 26822 26808 25855 | 23 II 49 23 II 25 23 II 01 | 22©09 21©54 21©39 | 22 \Omega 18 22 \Omega 13 22 \Omega 07 | 27 Y 43 27 Y 39 27 Y 35 | 27819 27806 26852 | 24 II 44 24 II 20 23 II 56 | 23©06 22©51 22©36 | 23 Ω 20 23 Ω 15 23 Ω 10 |
| 7S 8S 9S | 25Υ27 25Υ23 25Υ20 | 24844 24831 24818 | 21 II 43 21 II 19 20 II 55 | 20©26 20©11 19©55 | 21 Ω 00 20 Ω 54 20 Ω 49 | 26 Y 29 26 Y 25 26 Y 22 | 25841 25828 25815 | 22 II 37 22 II 14 21 II 49 | 21©24 21©08 20©52 | 22 \alpha 02 21 \alpha 57 21 \alpha 51 | 27 Y 32 27 Y 28 27 Y 24 | 26838 26825 26811 | 23 II 32 23 II 08 22 II 44 | 22©21 22©05 21©50 | 23 \Omega 05 22 \Omega 59 22 \Omega 54 |
| 10S 11S 12S | 25 Y 16 25 Y 12 25 Y 08 | 24804 23851 23838 | 20 Д 31 20 Д 07 19 Д 42 | 19©39 19©23 19©07 | 20 \(\Omega 43 \) 20 \(\Omega 38 \) 20 \(\Omega 32 \) | 26 Y 18 26 Y 14 26 Y 10 | 25801 24848 24834 | 21 II 25 21 II 01 20 II 37 | 20@37 20@21 20@04 | 21 \Omega 46 21 \Omega 40 21 \Omega 35 | 27\cdot 20 27\cdot 16 27\cdot 12 | 25 8 58 25 8 44 25 8 30 | 22 II 20 21 II 56 21 II 31 | 21 © 34 21 © 18 21 © 02 | 22 \Omega 49 22 \Omega 43 22 \Omega 38 |
| 13S 14S 15S | 25 \(\psi 05 \) 25 \(\psi 01 \) 24 \(\psi 57 \) | 23824 23811 22857 | 19П18 18П54 18П29 | 18©51 18©34 18©17 | 20 Ω 26 20 Ω 20 20 Ω 14 | 26 \(\psi 06 \) 26 \(\psi 02 \) 25 \(\psi 59 \) | 24821 24807 23853 | 20 II 12 19 II 48 19 II 23 | 19©48 19©32 19©15 | 21 \(\Omega 29 \) 21 \(\Omega 23 \) 21 \(\Omega 18 \) | 27 \(\cdot 08 \) 27 \(\cdot 04 \) 27 \(\cdot 00 \) | 25817 25803 24849 | 21 II 07 20 II 42 20 II 17 | 20@46 20@29 20@13 | 22 \Omega 32 22 \Omega 27 22 \Omega 21 |
| 16S 17S 18S 19S | 24 \cdot 54 24 \cdot 50 24 \cdot 46 24 \cdot 42 | 22844 22830 22817 22803 | 18 П 04 17 П 39 17 П 14 16 П 49 | 18©00 17©43 17©25 17©08 | 20 \text{ \text{0}} 08 20 \text{ \text{0}} 02 19 \text{ \text{0}} 56 19 \text{ \text{0}} 50 | 25 \(\cdot 55 \) 25 \(\cdot 51 \) 25 \(\cdot 47 \) 25 \(\cdot 43 \) | 23840 23826 23812 22858 | 18 II 58 18 II 33 18 II 08 17 II 42 | 18©58 18©41 18©23 18©06 | 21 \(\Omega 12 \) 21 \(\Omega 06 \) 21 \(\Omega 00 \) 20 \(\Omega 54 \) | 26 \cdot 56 26 \cdot 52 26 \cdot 48 26 \cdot 44 | 24836 24822 24808 23854 | 19П52 19П27 19П02 18П36 | 19©56 19©39 19©21 19©04 | 22 \Omega 15 22 \Omega 10 22 \Omega 04 21 \Omega 58 |
| 20S 21S 22S 23S | 24 \cdot 38 24 \cdot 34 24 \cdot 31 24 \cdot 27 | 21849 21835 21822 21807 | 16 Д 23 15 Д 57 15 Д 31 15 Д 05 | 16©50 16©31 16©13 15©54 | 19 \alpha 44 19 \alpha 37 19 \alpha 30 19 \alpha 24 | 25 \gamma 39 25 \gamma 35 25 \gamma 31 25 \gamma 27 | 22845 22830 22816 22802 | 17П17 16П51 16П25 15П58 | 17©48 17©29 17©11 16©52 | 20 \(\Omega 47 \) 20 \(\Omega 41 \) 20 \(\Omega 35 \) 20 \(\Omega 28 \) | 26 \(\cdot 39 \) 26 \(\cdot 35 \) 26 \(\cdot 31 \) 26 \(\cdot 27 \) | 23 8 40 23 8 25 23 8 11 22 8 57 | 18 II 10 17 II 44 17 II 18 16 II 51 | 18©46 18©28 18©09 17©50 | 21 \alpha 51 21 \alpha 45 21 \alpha 39 21 \alpha 32 |
| 24S 25S 26S | 24 Y 23 24 Y 19 24 Y 15 | 20853 20839 20824 | 14П39 14П12 13П44 | 15©34 15©15 14©54 | 19Ω17 19Ω10 19Ω03 | 25 Y 23 25 Y 18 25 Y 14 | 21848 21833 21818 | 15 II 31 15 II 04 14 II 37 | 16©32 16©13 15©53 | 20 Ω 21 20 Ω 14 20 Ω 07 | 26\cdot 23 26\cdot 18 26\cdot 14 | 22842 22827 22812 | 16П24 15П57 15П29 | 17©31 17©11 16©51 | 21 \(\Omega 26 \) 21 \(\Omega 19 \) 21 \(\Omega 12 \) |
| 27S 28S 29S 30S | 24 \(\cdot 10 \) 24 \(\cdot 06 \) 24 \(\cdot 02 \) 23 \(\cdot 58 \) | 20810 19855 19840 19825 | 13 II 17 12 II 49 12 II 21 11 II 52 | 14©34 14©13 13©51 13©29 | 18Ω55 18Ω48 18Ω40 18Ω32 | 25 \(\cdot 10 \) 25 \(\cdot 06 \) 25 \(\cdot 01 \) 24 \(\cdot 57 \) | 21804 20849 20833 20818 | 14 II 09 13 II 41 13 II 13 12 II 44 | 15@32 15@11 14@49 14@27 | 20 \(\O \text{0} \) 19 \(\O \text{5} \) 19 \(\O \text{4} \) 19 \(\O \text{3} \) | 26 \(\cdot 09 \) 26 \(\cdot 05 \) 26 \(\cdot 00 \) 25 \(\cdot 56 \) | 21857 21842 21827 21811 | 15 II 01 14 II 33 14 II 04 13 II 35 | 16930 16909 15948 15926 | 21 \Q 05 20 \Q 58 20 \Q 51 20 \Q 43 |
| 31S 32S 33S 34S | 23 \gamma 53 23 \gamma 49 23 \gamma 44 23 \gamma 40 | 19809 18854 18838 18822 | 11 II 32 11 II 23 10 II 53 10 II 23 9 II 53 | 13507 13507 12543 12519 11555 | 18 \(\Omega 24 \) 18 \(\Omega 16 \) 18 \(\Omega 07 \) 17 \(\Omega 58 \) | 24 \cdot 57 24 \cdot 52 24 \cdot 48 24 \cdot 43 24 \cdot 38 | 20802 19847 19831 19814 | 12 II 14 12 II 14 11 II 14 11 II 14 10 II 43 | 14©05 13©42 13©18 12©53 | 19 \(\Omega \) 30 19 \(\Omega \) 21 19 \(\Omega \) 13 19 \(\Omega \) 04 | 25 \ \cdot 50 \\ 25 \ \cdot 51 \\ 25 \ \cdot 46 \\ 25 \ \cdot 41 \\ 25 \ \cdot 37 | 20855 20839 20823 20807 | 13 II 33 13 II 06 12 II 36 12 II 05 11 II 34 | 15 © 03 14 © 40 14 © 16 13 © 52 | 20 Ω 35 20 Ω 27 20 Ω 19 20 Ω 11 |
| 35S 36S 37S 38S | 23 \gamma 35 23 \gamma 31 23 \gamma 26 23 \gamma 21 | 18806 17849 17832 17815 | 9П22 8П50 8П18 7П45 | 11©30 11©04 10©37 10©09 | 17Ω49 17Ω40 17Ω30 17Ω20 | 24 \(\cdot 33 \) 24 \(\cdot 29 \) 24 \(\cdot 23 \) 24 \(\cdot 18 \) | 18858 18841 18824 18806 | 10 П 12 9 П 40 9 П 08 8 П 35 | 12©28 12©02 11©35 11©07 | 18Ω55 18Ω46 18Ω37 18Ω27 | 25 \gamma 32 25 \gamma 26 25 \gamma 21 25 \gamma 16 | 19850 19833 19815 18858 | 11 П 02 10 П 30 9 П 57 9 П 24 | 13©27 13©01 12©34 12©06 | 20 \(\Omega 02 \) 19 \(\Omega 53 \) 19 \(\Omega 43 \) 19 \(\Omega 34 \) |
| 39S 40S 41S 42S | 23 \cdot 16 23 \cdot 11 23 \cdot 05 23 \cdot 00 | 16858 16840 16822 16803 | 7П12 6П38 6П03 5П27 | 9541 9511 8540 8509 | 17Ω10 16Ω59 16Ω48 16Ω36 | 24 Y 13 24 Y 08 24 Y 02 23 Y 57 | 17849 17831 17812 16853 | 8П01 7П26 6П51 6П15 | 10©39 10©09 9©39 9©07 | 18\Omega 16 18\Omega 06 17\Omega 55 17\Omega 43 | 25 \(\cdot 10 \) 25 \(\cdot 05 \) 24 \(\cdot 59 \) 24 \(\cdot 53 \) | 18840 18821 18802 17843 | 8 II 50 8 II 15 7 II 40 7 II 03 | 11©37 11©08 10©37 10©05 | 19 \Omega 24 19 \Omega 13 19 \Omega 02 18 \Omega 51 |
| 43S 44S 45S | 22 \gamma 54 22 \gamma 49 22 \gamma 43 | 15844 15824 15805 | 4П51 4П14 3П36 | 7936 7901 6926 | 16Ω24 16Ω11 15Ω58 | 23 \gamma 51 23 \gamma 45 23 \gamma 39 | 16834 16814 15854 | 5 II 38 5 II 01 4 II 22 | 8934 7959 7923 | 17Ω31 17Ω19 17Ω06 | 24\gamma47 24\gamma41 24\gamma35 | 17824 17804 16843 | 6П26 5П48 5П09 | 9532 8557 8521 | 18Ω40 18Ω27 18Ω14 |
| 46S 47S 48S 49S | 22 \cdot 37 22 \cdot 31 22 \cdot 24 22 \cdot 18 | 14844 14823 14802 13840 | 2П57 2П17 1П36 0П54 | 5948 5909 4929 3946 | 15 Ω 44 15 Ω 29 15 Ω 14 14 Ω 57 | 23 \(\cdot 33 \) 23 \(\cdot 26 \) 23 \(\cdot 20 \) 23 \(\cdot 13 \) | 15833 15812 14850 14827 | 3 II 43 3 II 02 2 II 21 1 II 38 | 6946 6907 5926 4943 | 16Ω52 16Ω38 16Ω23 16Ω07 | 24\cdot 29 24\cdot 22 24\cdot 15 24\cdot 08 | 16822 16800 15838 15815 | 4П29 3П48 3П06 2П23 | 7944 7904 6923 5940 | 18 \Omega 01 17 \Omega 47 17 \Omega 32 17 \Omega 16 |
| 50S 51S 52S 53S | 22 \gamma 11 22 \gamma 04 21 \gamma 57 21 \gamma 50 | 13817 12853 12829 12805 | 0П11 29826 28841 27854 | 3501 2514 1524 0532 | 14Ω40 14Ω22 14Ω03 13Ω42 | 23 \cdot 06 22 \cdot 59 22 \cdot 51 22 \cdot 44 | 14804 13840 13816 12851 | 0Д55 0Д10 29824 28836 | 3558 3510 2520 1527 | 15 Ω 50 15 Ω 32 15 Ω 13 14 Ω 53 | 24\cdot\01 23\cdot\53 23\cdot\46 23\cdot\38 | 14852 14827 14802 13837 | 1 Д 39 0 Д 54 0 Д 07 29 🛭 19 | 4555 4507 3517 2523 | 17Ω00 16Ω42 16Ω24 16Ω04 |
| 54S 55S 56S | 21 \gamma 42 21 \gamma 34 21 \gamma 25 | 11839 11812 10845 | 27805 26816 25825 | 29 II 36 28 II 37 27 II 35 | 13 Ω 20 12 Ω 56 12 Ω 31 | 22 \gamma 36 22 \gamma 27 22 \gamma 18 | 12825 11858 11830 | 27847 26857 26805 | 0©31 29П32 28П29 | 14\Omega31 14\Omega08 13\Omega43 | 23 \(\chi 29 \) 23 \(\chi 20 \) 23 \(\chi 11 \) | 13810 12843 12814 | 28829 27838 26845 | 1©27 0©27 29 II 23 | 15 Ω 43 15 Ω 20 14 Ω 56 |
| 57S 58S 59S | 21 Y 17 21 Y 08 20 Y 58 | 10817 9847 9817 | 24832 23837 22841 | 26 II 28 25 II 16 24 II 00 | 12 \(\O 03 \) 11 \(\O 33 \) 11 \(\O 01 \) | 22 \(\cdot 09 \) 22 \(\cdot 00 \) 21 \(\cdot 50 \) | 11801 10831 9859 | 25811 24816 23819 | 27 Д21 26 Д09 24 Д51 | 13Ω16 12Ω47 12Ω15 | 23 \(\psi 02 \) 22 \(\psi 52 \) 22 \(\psi 42 \) | 11845 11814 10842 | 25\851 24\855 23\857 | 28 II 15 27 II 02 25 II 43 | 14Ω29 14Ω01 13Ω29 |
| 60S 61S 62S | 20 \gamma 48 20 \gamma 38 20 \gamma 27 | 8845 8812 7837 | 21843 20843 19840 | 22 II 37 21 II 08 19 II 32 | 10Ω25 9Ω45 9Ω00 8Ω00 | 21 \(\gamma 40 \) 21 \(\gamma 29 \) 21 \(\gamma 18 \) | 9827 8853 8818 | 22820 21819 20815 | 23 II 28 21 II 57 20 II 19 | 11 \(\O 40 \) 11 \(\O 01 \) 10 \(\O 17 \) | 22 \gamma 31 22 \gamma 20 22 \gamma 08 | 10809 9835 8859 | 22857 21855 20851 | 24 II 18 22 II 46 21 II 07 | 12.055 12.017 11.034 |
| 63S 64S 65S 66S | 20 \(\cdot 16 \) 20 \(\cdot 04 \) 19 \(\cdot 51 \) 19 \(\cdot 37 \) | 7801 6824 5845 5804 | 18836 17829 16820 15809 | 17 Д 47 15 Д 52 13 Д 46 11 Д 27 | 8 \(\O \text{9} \) 7 \(\O \text{11} \) 6 \(\O \text{9} \) 4 \(\O \text{37} \) | 21 \(\psi 06 \) 20 \(\psi 53 \) 20 \(\psi 40 \) 20 \(\psi 26 \) | 7842 7803 6823 5841 | 19810 18802 16852 15839 | 18 Д 32 16 Д 35 14 Д 26 12 Д 03 | 9 \(\Omega 27 \) 8 \(\Omega 30 \) 7 \(\Omega 23 \) 6 \(\Omega 02 \) | 21 \gamma 56 21 \gamma 43 21 \gamma 29 21 \gamma 14 | 8822 7843 7802 6819 | 19844 18835 17824 16810 | 19 Д 18 17 Д 18 15 Д 06 12 Д 39 | 10 \(0.46 \) 9 \(0.51 \) 8 \(0.46 \) 7 \(0.28 \) |
| pc | 19 Y 30 | 4840 | 14827 | 10П03 | 3 € 40 | 20Ƴ18 | 5817 | 14857 | 10П37 | 5Ω07 | 21 Υ 14 21 Υ 06 | 5854 | 15827 | 11 Д 11 | 6Ω35 |

| | Sid.Tir MC: | | 48m A 43'51 | RMC: 3 | 57°00' | Sid.Time: 23h52m ARMC: 358°00' MC: 27¥49'13 | | | | | Sid.Time: 23h56m ARMC: 359°00' MC: 28\()54'36 | | | | |
|------------|-----------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|--|----------------------------------|------------------------------------|----------------------------|--|---|----------------------------------|----------------------------------|----------------------------------|------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 29 Y 02 | 29812 | 27П14 | 25ഇ03 | 24 N 42 | 0805 | 0п10 | 28П09 | 26ඉ00 | 25 N 44 | 1808 | 1 I 107 | 29П04 | 26957 | 26⋒46 |
| 18 | 28 Y 58 | 28858 | 26耳50 | 24948 | 24 \Q 37 | 0801 | 29856 | 27 Д 46 | 25945 | 25 \O 34 | 1803 | 0Д53 | 28 II 41 | 26542 | 26 \Omega 42 |
| 2S 3S | 28 \gamma 54 28 \gamma 50 | 28 8 44 28 8 31 | 26 II 27 26 II 03 | 24©33 24©19 | 24Ω32 24Ω27 | 29 \cdot 57 29 \cdot 52 | 29842 29828 | 27 II 22 26 II 58 | 25©31 25©16 | 25 Ω 34 25 Ω 30 | 0859 0855 | 0П39 0П25 | 28 II 17 27 II 53 | 26©28 26©13 | 26Ω37 26Ω32 |
| 4S | 28 Y 46 | 28817 | 25 II 39 | 24904 | 248227 | 29 Y 48 | 29814 | 26 II 34 | 25©10 25©01 | 25 Ω 25 | 0850 | 0H23 | 27 II 33 27 II 29 | 25958 | 26Ω28 |
| 5S | 28 Y 42 | 28803 | 25 Д 15 | 23549 | 24Ω17 | 29°744 | 29800 | 26 П 10 | 24946 | 25 Ω 20 | 0846 | 29857 | 27П05 | 25©44 | 26Ω23 |
| 6S | 28 Y 38 | 27849 | 24 II 51 | 23934 | 248117 | 29 Y 40 | 28846 | 25 II 46 | 24931 | 25 Ω 15 | 0842 | 29843 | 26 II 41 | 25929 | 26 Ω 18 |
| 7S | 28 Y 34 | 27835 | 24П27 | 23918 | 24207 | 29Υ36 | 28832 | 25 П 22 | 249516 | 25 Ω 10 | 0837 | 29829 | 26П17 | 25©14 | 26Ω13 |
| 8S | 28 Y 30 | 27822 | 24II03 | 23ഇ03 | 24 N 02 | 29Ƴ31 | 28818 | 24 II 58 | 24901 | 25⋒05 | 0833 | 29815 | 25 11 53 | 24958 | 26 A 08 |
| 9S | 28 Y 25 | 27808 | 23 Д 39 | 225647 | 23 2 57 | 29Ƴ27 | 28805 | 24 II 34 | 235645 | 25Ω00 | 0829 | 29801 | 25П28 | 245643 | 26Ω03 |
| 10S | 28 Y 21 | 26854 | 23 II 15 | 22532 | 23 N 52 | 29℃23 | 27851 | 24II09 | 2330 | 24 2 5 5 | 0824 | 28847 | 25Ⅲ04 | 24\$28 | 25⋒58 |
| 11S | 28Υ17 | 26840 | 22 11 50 | 22516 | 23 2 44 | 29Υ19 | 27837 | 23 11 45 | 235514 | 24 \Omega 50 | 0820 | 28833 | 24 11 40 | 24512 | 25 2 5 3 |
| 12S 13S | 28Υ13 28Υ09 | 26 8 27 26 8 13 | 22 II 26 22 II 01 | 22©00 21©44 | 23 \Quad 41 23 \Quad \Quad 36 | 29 ° 15 29 ° 10 | 27823 27809 | 23 II 20 22 II 56 | 22©58 22©42 | 24 \Omega 45 24 \Omega 39 | 0816 0811 | 28 8 19 28 8 05 | 24 II 15 23 II 50 | 23 5 5 6 23 5 4 0 | 25 Ω48 25 Ω43 |
| 14S | 28 Y 05 | 25859 | 21 Д36 | 219927 | 23 230 | 29Υ06 | 26855 | 22 II 30 | 22526 | 24034 | 0807 | 27851 | 23 II 25 | 23524 | 25 £ 38 |
| 15S | 28Υ01 | 25845 | 21 Д 11 | 219311 | 23 \Omega 25 | 29 Y 02 | 26841 | 22 11 06 | 22509 | 24 \(\Omega 29 \) | 0803 | 27836 | 23 11 00 | 23 5 08 | 25 \Omega 33 |
| 16S | $27 \Upsilon 57$ | 25831 | 20 Д 46 | 20954 | 23 £ 19 | 28 Y 57 | 26827 | 21 II 41 | 21952 | 24 Ω 23 | 29 Y 58 | 27822 | 22 II 35 | 22951 | 25 Ω 27 |
| 17S | 27Υ53 | 25817 | 20П21 | 20ഇ37 | 23 Ω 13 | 28 Y 53 | 26813 | 21 Д 15 | 21535 | 24Ω18 | 29Υ54 | 27808 | 22П09 | 22534 | 25 & 22 |
| 18S | 27 Y 48 | 25803 | 19П56 | 20@20 | 23⋒08 | 28Ƴ49 | 25858 | 20П50 | 21518 | 24 \Omega 12 | 29Υ49 | 26853 | 21 Д44 | 22517 | 25Ω16 |
| 19S | 27 Ƴ 44 | 24849 | 19П30 | 20 ഇ 02 | 23 N 02 | 28Ƴ44 | 25844 | 20П24 | 215601 | 24 20 06 | 29Ƴ45 | 26839 | 21 Д 18 | 21\$59 | 25Ω11 |
| 20S | 27Υ40 | 24835 | 19П04 | 19544 | 22256 | 28 Y 40 | 25829 | 19П58 | 20@43 | 24 \O | 29 ℃ 40 | 26824 | 20П51 | 215642 | 25 205 |
| 21S | 27Υ35 27Υ31 | 24820 | 18耳38 | 19526 | 22 \Omega 50 | 28 \gamma 36 28 \gamma 31 | 25815 | 19 I I31 | 20@25 | 23 0 48 | 29 \gamma 36 29 \gamma 31 | 26810 | 20 11 25 | 21 5 24 | 24 0 5 2 |
| 22S 23S | $27 \Upsilon 31$ $27 \Upsilon 27$ | 24806 23851 | 18П11 17П44 | 19©08 18©49 | 22 \Omega 44 22 \Omega 37 | 28 Y 27 | 25 8 00 24 8 45 | 19 I I05 18 I I38 | 20©06 19©47 | 23 \Omega 48 23 \Omega 42 | 29 Y 31 29 Y 26 | 25 8 55 25 8 40 | 19Д58 19Д31 | 21©05 20©46 | 24 \Omega 53 24 \Omega 47 |
| 24S | 27 Y 22 | 23836 | 17 Д 17 | 18529 | 22 \Quad 31 | 28 Y 22 | 24831 | 18 Д 10 | 19528 | 23 236 | 29Y22 | 25825 | 19П04 | 20\$27 | 24 \Omega 41 |
| 25S | 27 Y 18 | 23821 | 16耳50 | 18510 | 22 & 24 | 28 Y 17 | 24815 | 17П43 | 19509 | 23 29 | 29 Y 17 | 25809 | 18П36 | 20ഇ08 | 24 235 |
| 26S | 27Υ13 | 23806 | 16耳22 | 17950 | 22 \Omega 17 | 28 Y 13 | 24800 | 17 Д 15 | 18549 | 23 & 23 | 29 Y 12 | 24854 | 18 I I08 | 19548 | 24 \(\O 29 \) |
| 27S | 27Υ09 | 22851 | 15Д54 | 17529 | 22 N 11 | 28Y08 | 23845 | 16 I I47 | 18©28 | 23 A 16 | 29Ƴ07 | 24838 | 17П39 | 19\$28 | 24 & 22 |
| 28S | 27Υ04 | 22836 | 15 Д 25 | 17908 | 22 \Omega 03 | 28Υ03 | 23829 | 16П18 | 18907 | 23 209 | 29Υ02 | 24823 | 17П10 | 19507 | 24 \Omega 15 |
| 29S | 26 Y 59 | 22820 | 14П57 | 16947 | 21Ω56 | 27 ⋎ 58 | 23813 | 15П49 | 179546 | 23 N 02 | 28 Υ 57 | 24807 | 16П41 | 18945 | 24 20 08 |
| 30S | 26Y55 | 22804 | 14 Д 27 | 16925 | 21 249 | 27Υ53 | 22857 | 15 Д 19 | 17524 | 22.0.55 | 28 Y 52 | 23851 | 16111 | 18523 | 24 \(\O 01 \) |
| 31S 32S | 26 \gamma 50 26 \gamma 45 | 21848 21832 | 13 Д 57 13 Д 27 | 16©02 15©39 | 21 Ω41 21 Ω33 | 27 \cdot 48 27 \cdot 43 | 22841 22825 | 14 II 49 14 II 19 | 17©01 16©38 | 22 Ω 47 22 Ω 40 | 28 ° 47 28 ° 42 | 23 8 34 23 8 17 | 15 II 41 15 II 10 | 18 © 01 17 © 38 | 23 Ω 54 23 Ω 47 |
| 33S | 26 Y 40 | 21832 | 12 Д 56 | 15939 | 21 & 25 | 27 Y 38 | 22808 | 13 Д 48 | 16938 | 22.032 | 28 Y 36 | 23801 | 14Д39 | 17938 | 23 239 |
| 34S | 26 Y 35 | 20859 | 12П25 | 14951 | 21 & 17 | 27Ƴ33 | 21851 | 13 II 16 | 15©50 | 22 \Omega 24 | 28 Ƴ 31 | 22843 | 14 I 107 | 16549 | 23 231 |
| 35S | 26 Y 30 | 20842 | 11 Д 53 | 14ഇ25 | 21 208 | 27 Ƴ 27 | 21834 | 12 Д 44 | 15ഇ25 | 22 15 | 28Y25 | 22826 | 13 Д 35 | 16\$24 | 23 23 |
| 36S | 26℃24 | 20825 | 11П21 | 13559 | 21 200 | 27℃22 | 21816 | 12П11 | 14959 | 22 20 07 | 28Ƴ20 | 22808 | 13耳02 | 15\$58 | 23 Ω 14 |
| 37S | 26Υ19 | 20807 | 10 Д 47 | 13@33 | 20250 | 27Υ16 | 20858 | 11 Д 38 | 14932 | 21 258 | 28Υ14 | 21850 | 12 Д 28 | 15@31 | 23 Ω 06 |
| 38S 39S | 26 Y 13 26 Y 08 | 19 8 49 | 10П14 9П39 | 13©05 12©36 | 20Ω41 20Ω31 | 27 Υ 11 27 Υ 05 | 20840 20822 | 11 П 04 10 П 29 | 14©04 13©35 | 21 \Quad 49 21 \Quad 39 | 28 Y 08 28 Y 02 | 21831 | 11 II 54 | 15504 | 22 \Omega 57 22 \Omega 47 |
| | | | | | | | | | | | | | 11 11 18 | 14535 | |
| 40S 41S | 26Υ02 25Υ56 | 19 8 12 | 9П04 8П28 | 12©06 11©36 | 20Ω21 20Ω10 | 26 \(\cdot 59 \) 26 \(\cdot 53 \) | 20803 19843 | 9П53 9П17 | 13©06 12©35 | 21 \Omega 29 21 \Omega 19 | 27 Υ 56 27 Υ 50 | 20853 20834 | 10 II 43 10 II 06 | 14©05 13©34 | 22 \Omega 37 22 \Omega 27 |
| 42S | 25 Y 50 | 18833 | 7 II 52 | 119304 | 19259 | 26°47 | 19824 | 8П40 | 12903 | 21 Ω 08 | 27 Υ 43 | 20814 | 9П28 | 13502 | 22 \Omega 17 |
| 43S | 25 Y 44 | 18814 | 7П14 | 10ഇ30 | 19Ω48 | 26 Ƴ 40 | 19803 | 8п02 | 11529 | 20Ω57 | 27 Ƴ 37 | 19853 | 8Д50 | 12529 | 22 20 06 |
| 44S | 25 Y 38 | 17853 | 6П36 | 9956 | 19£36 | 26Ƴ34 | 18843 | 7П23 | 10ഇ55 | 20 N 45 | 27 Ƴ 30 | 19832 | 8П11 | 11554 | 21 2 54 |
| 45S | 25 Y 31 | 17832 | 5П56 | 9മ20 | 19ຄ23 | 26Ƴ27 | 18821 | 6П43 | 10ഇ18 | 20ຄ33 | 27℃23 | 19811 | 7Д31 | 115518 | 21 & 42 |
| 46S | 25 Y 24 | 17811 | 5П16 | 8942 | 19210 | 26Y20 | 18800 | 6П02 | 9541 | 20 0 20 | 27Υ16 | 18848 | 6П49 | 10540 | 21 230 |
| 47S 48S | 25Υ18 25Υ10 | 16 8 49 | 4П34 3П52 | 8903 7921 | 18Ω57 18Ω42 | 26 \(\cdot 13 \) 26 \(\cdot 06 \) | 17837 17814 | 5П21 4П38 | 9 9 01 | 20 \text{\Omega 06} \\ 19 \text{\Omega 52} | 27\cdot\08 27\cdot\01 | 18 8 26 18 8 02 | 6П07 5П23 | 10©00 9©18 | 21 \Q 17 21 \Q 03 |
| 46S 49S | 25 Υ 10 25 Υ 03 | 16803 | 3 II 32 3 II 08 | 6938 | 18£42 | 25 Y 58 | 16851 | 3 II 53 | 7936 | 198632 | 26 Y 53 | 17838 | 3 II 23 4 II 39 | 8935 | 213203 |
| 50S | 24 Y 56 | 15839 | 2П24 | 5952 | 18 Ω 11 | 25 Υ 50 | 16826 | 31108 | 6 9 50 | 19 & 22 | 26°Y45 | 17814 | 3П53 | 79649 | 20 20 33 |
| 51S | 24 Y 36 24 Y 48 | 15814 | 1 Д 37 | 5904 | 17Ω53 | 25 Y 42 | 16801 | 2Д21 | 6 6 6 9 0 2 | 198022 | 26 Y 37 | 16848 | 3Д33 | 79949 | 208133 |
| 52S | 24Y40 | 14849 | 0Д50 | 4913 | 17£35 | 25Ƴ34 | 15836 | 1Д33 | 5 © 11 | 18Ω47 | 26Ƴ28 | 16822 | 2п17 | 6909 | 19⋒59 |
| 53S | 24Y31 | 14823 | 0Д01 | 3520 | 17Ω16 | 25 ℃ 25 | 15809 | 0П44 | 4917 | 18.028 | 26Y19 | 15855 | 1 Д 27 | 59514 | 19 0 41 |
| 548 | 24 Y 23 | 13856 | 29811 | 2523 | 16Ω55 | 25 ℃ 16 | 14841 | 29853 | 3 5 2 0 | 18 N 08 | 26 ℃ 10 | 15827 | 0Д35 | 45617 | 19Ω21 |
| 55S | 24Υ14 | 13828 | 28819 | 19922 | 16.033 | 25 ℃ 07 | 14813 | 29800 | 2519 | 17Ω46 | 26Υ00 250050 | 14858 | 29842 | 3515 | 19200 |
| 56S 57S | 24Υ04 23Υ55 | 12 8 59 12 8 29 | 27826 26831 | 0©18 29∏09 | 16Ω09 15Ω43 | 24 Y 57 24 Y 47 | 13843 13813 | 28 8 06 27 8 10 | 1୭13 0୭04 | 17Ω23 16Ω58 | 25 \gamma 50 25 \gamma 39 | 14 8 28 13 8 57 | 28 8 47 27 8 50 | 2©10 0©59 | 18Ω37 18Ω12 |
| 58S | 23 Y 44 | 11858 | 25834 | 27 II 55 | 15 N 15 | 24 Y 47 24 Y 37 | 12841 | 26813 | 28 II 49 | 16230 | 25Υ29 | 13825 | 26852 | 29 II 44 | 17046 |
| 59S | 23 Y 34 | 11825 | 24835 | 26 II 35 | 14 \$\alpha 45 | 24Y25 | 12808 | 25813 | 27 Д 28 | 16200 | 25 Y 17 | 12851 | 25851 | 28 П 22 | 17Ω17 |
| 60S | 23 Y 23 | 10852 | 23834 | 25 Д 10 | 14Ω11 | 24 Y 14 | 11834 | 24811 | 26П01 | 15 ຄ 28 | 25Y05 | 12816 | 24848 | 26П54 | 16Ω45 |
| 61S | 23 Y 11 | 10817 | 22831 | 23 II 36 | 13 Ω 34 | 24Y02 | 10858 | 23807 | 24 II 27 | 14051 | 24 Y 53 | 11840 | 23843 | 25 II 18 | 16209 |
| 62S | 22 Y 59 | 9840 | 21826 | 21 Д 55 | 12£52 | 23 ℃ 49 | 10821 | 22801 | 22 11 44 | 14Ω11 | 24 Y 39 | 11802 | 22836 | 23 Д33 | 15 a 30 |
| 63S | 22Υ46 | 9802 | 20818 | 20 11 04 | 12 0 0 5 | 23 Υ 36 | 9842 | 20852 | 20耳50 | 13 25 | 24Υ26 | 10822 | 21827 | 21 Д 38 | 14 \Omega 46 |
| 64S | 22 Y 32 | 8822 | 19808 | 18П02 | 11Ω12 | 23 ℃ 22 | 9801 | 19841 | 18П46 | 12Ω33 | 24 ℃ 11 | 9841 | 20814 | 19П30 | 13 255 |
| 65S | 22Υ18 | 7840 | 17856 | 15 II 46 | 10 0 0 9 | 23 Υ 07 | 8819 | 18828 | 16 II 27 | 11.033 | 23 Y 56 | 8857 | 19800 | 17II 08 | 12.0.57 |
| 66S | 22Υ03 21Υ54 | 6857 6831 | 16 8 41 15 8 57 | 13 II 16 11 II 45 | 8Ω54 8Ω04 | 22 \gamma 51 22 \gamma 42 | 7834 7808 | 17812 16827 | 13 Д 52 12 Д 19 | 10Ω20 9Ω33 | 23 \gamma 39 23 \gamma 30 | 8 8 12 7 8 45 | 17842 16857 | 14 П 29 12 П 53 | 11Ω47 11Ω02 |
| pc | 41 I J4 | 0031 | 1503/ | 11Д43 | 08604 | 44 1 44 | , 508 | 1002/ | 12 Ц 17 | 78633 | 23 1 30 | , 043 | 1003/ | 121133 | 110602 |