

Swiss Ephemeris Table of Houses System Regiomontanus

for the southern hemisphere with 4-minute time steps

Programming

Dieter Koch and Alois Treindl

Code D5HCS

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 0m AR | CMC: 0° | 00' | Sid.Tir MC: | | 4m AR 95'24 | MC: 1° | 00' | Sid.Tir MC: | | 8m AR 0'47 | RMC: 2° | 00' |
|------------|--------------------------------------|----------------------------------|----------------------|------------------------------------|-----------------------------------|-------------------------------------|----------------------------------|----------------------|----------------------|--------------------|-------------------------------------|----------------------------------|------------------------------------|----------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2810 | 2П05 | 0900 | 27954 | 27 û 49 | 3813 | 3п02 | 0ഇ55 | 28952 | 28251 | 4815 | 3Д59 | 1950 | 29549 | 29Ω54 |
| 18 | 2804 | 1П46 | 29 Д 36 | 27935 | 27.0.42 | 3806 | 2П43 | 0931 | 28533 | 28 245 | 4808 | 3 Д 40 | 1926 | 29531 | 29 247 |
| 2S 3S | 1857 1850 | 1П28 1П09 | 29 II 12 28 II 48 | 27©17 26©58 | 27Ω35 27Ω28 | 2859 2852 | 2II25 2II06 | 0©07 29∏43 | 28©14 27©56 | 28 N 38 | 4801 3854 | 3 II 22 3 II 03 | 1©02 0©38 | 29©12 28©53 | 29 Ω41 29 Ω35 |
| 4S | 1844 | 0Д51 | 28 Д 24 | 26 26 39 | 27 N 21 | 2845 | 1 II 48 | 29 II 19 | 27937 27937 | 28 N 24 | 3847 | 2 Д 44 | 0938 0914 | 28935 | 29 N 28 |
| 5S | 1837 | 0Д33 | 28П00 | 26919 | 27Ω14 | 2838 | 1П29 | 28П55 | 27937 | 28Ω18 | 3840 | 2П26 | 29П50 | 28516 | 29 \(\Omega 21 \) |
| 6S | 1830 | 0Д33 | 27 Д 36 | 26900 | $27\Omega 14$ | 2832 | 1 Д 29 | 28 II 31 | 26958 | 28Ω11 | 3833 | 2 п 2 б | 29 II 26 | 27957 | 298121 |
| 7S | 1824 | 29856 | 27 II 12 | 25 © 40 | 27Ω00 | 2825 | 0П53 | 28 II 07 | 26939 | 28204 | 3826 | 1 Д 49 | 29П02 | 27937 | 29 20 08 |
| 8S | 1817 | 29838 | 26耳48 | 25ഇ21 | 26 26 3 | 2818 | 0П34 | 27Ⅱ42 | 26919 | 27 257 | 3819 | 1 Д 30 | 28П37 | 27ഇ18 | 29 201 |
| 9S | 1811 | 29820 | 26П23 | 25901 | 26⋒45 | 2811 | 0П16 | 27II18 | 25959 | 27£50 | 3812 | 1 П 12 | 28П13 | 26\$58 | 28⋒54 |
| 10S | 1804 | 29802 | 25П59 | 24940 | 26£38 | 2805 | 29858 | 26耳54 | 25ഇ39 | 27 N 42 | 3805 | 0П53 | 27Ⅱ48 | 26\$38 | 28⋒47 |
| 118 | 0858 | 28844 | 25 Д 34 | 24520 | 26231 | 1858 | 29840 | 26П29 | 25©19 | 27Ω35 | 2858 | 0П35 | 27П24 | 26918 | 28 \$\alpha 40 |
| 12S | 0851 | 28826 | 25 II 10 | 23559 | 26 \O 15 | 1851 | 29821 | 26 II 04 | 24958 | 27.028 | 2851 | 0П17 | 26 II 59 | 25957 | 28 233 |
| 13S 14S | 0844 0838 | 28 8 08 27 8 50 | 24 II 45 24 II 20 | 23©38 23©17 | 26Ω15 26Ω07 | 1844 1838 | 29 8 03 28 8 45 | 25 II 39 25 II 14 | 24937 24916 | 27Ω20 27Ω13 | 2844 2837 | 29858 29840 | 26 II 34 26 II 09 | 25©37 25©16 | 28 \Omega 26 28 \Omega 18 |
| | | | | | | | | 24 11 49 | 23955 | | | | | 24954 | |
| 15S 16S | 0831 0825 | 27 8 31 27 8 13 | 23 II 54 23 II 29 | 22©56 22©34 | 25Ω59 25Ω51 | 1831 1824 | 28 8 26 28 8 08 | 24 II 49 24 II 23 | 23933 | 27Ω05 26Ω57 | 2830 2823 | 29821 29802 | 25 II 43 25 II 18 | 249534 | 28Ω11 28Ω03 |
| 17S | 0818 | 26855 | 23 Д 03 | 22937 | 25 Ω 43 | 1817 | 27849 | 23 II 58 | 239311 | 26 \Omega 49 | 2816 | 28844 | 24 II 52 | 24933 | 27 \$\alpha 55 |
| 18S | 0811 | 26837 | 22П38 | 215649 | 25⋒35 | 1810 | 27831 | 23 Д32 | 22548 | 26⋒41 | 2809 | 28825 | 24П26 | 23 5 48 | 27.Ω47 |
| 19S | 0805 | 26818 | 22 П 12 | 21 മ26 | 25 № 26 | 1803 | 27812 | 23 Д 06 | 22©26 | 26 N 33 | 2802 | 28806 | 24П00 | 23\$26 | 27£39 |
| 20S | 29 Y 58 | 26800 | 21 Д45 | 21 ഇ03 | 25 A 18 | 0857 | 26853 | 22 П 39 | 22 ഇ 02 | 26 24 | 1855 | 27847 | 23 Д33 | 23 5 02 | 27£31 |
| 21S | 29Υ51 | 25841 | 21 Д 19 | 20@39 | 25 2 0 0 0 | 0850 | 26835 | 22 П 12 | 21539 | 26Ω16 | 1848 | 27828 | 23 Д 06 | 22539 | 27 Ω 23 |
| 22S | 29 Y 44 29 Y 37 | 25822 | 20 II 52 20 II 24 | 20©15 19©50 | 25 \O 00 | 0843 | 26816 | 21 II 45 | 21©15 20©50 | 26 0.58 | 1841 | 27809 | 22 II 39 22 II 12 | 22©15 21©50 | 27Ω14 27Ω05 |
| 23S 24S | 29 Y 37 29 Y 31 | 25 8 03 24 8 44 | 20 II 24 19 II 57 | 19930 | 24 \Omega 51 24 \Omega 41 | 0836 0828 | 25 8 57 25 8 37 | 21 II 18 20 II 50 | 20@30 20@25 | 25 Ω 58 25 Ω 49 | 1834 1826 | 26 8 50 26 8 30 | 22 II 12 21 II 44 | 21 5 25 | 26£56 |
| 25S | 29Y24 | 24825 | 19П29 | 18959 | 24.031 | 0821 | 25818 | 20 Д 22 | 19959 | 25 Ω 39 | 1819 | 26811 | 21 11 16 | 21500 | 26Ω47 |
| 26S | $29 \Upsilon 24$ $29 \Upsilon 17$ | 24823 | 19 Д 29 | 18933 | 248231 | 0814 | 24858 | 19 II 54 | 19939 | 25 Ω 30 | 1811 | 25851 | 20 II 47 | 20933 | 26£47 26£38 |
| 27S | 29Υ09 | 23846 | 18耳32 | 18506 | 24£11 | 0807 | 24839 | 19П25 | 19506 | 25 \Omega 20 | 1804 | 25831 | 20 II 18 | 20507 | 26Ω28 |
| 28S | 29 Y 02 | 23827 | 18耳03 | 17539 | 24 201 | 29Ƴ59 | 24819 | 18П56 | 18539 | 25 210 | 0856 | 25811 | 19П49 | 19\$39 | 26 A 18 |
| 29S | 28 Y 55 | 23807 | 17Д33 | 17ഇ10 | 23 2 50 | 29 ⋎ 52 | 23859 | 18П26 | 18911 | 24 259 | 0849 | 24851 | 19П19 | 19511 | 26 A 08 |
| 30S | 28 Y 48 | 22847 | 17 I I03 | 16942 | 23 239 | 29Ƴ44 | 23838 | 17 I I56 | 17942 | 24⋒48 | 0841 | 24830 | 18П48 | 18542 | 25 A 58 |
| 31S | 28Υ40 | 22827 | 16耳33 | 16912 | 23 228 | 29Υ37 | 23818 | 17 Д 25 | 179512 | 24 \Q 37 | 0833 | 24809 | 18П17 | 18513 | 25 \Omega 47 |
| 32S 33S | 28 Y 33 28 Y 25 | 22 8 06 21 8 45 | 16П02 15П30 | 15©42 15©11 | 23 Ω 16 23 Ω 04 | 29 \cdot 29 \cdot 29 \cdot 21 | 22857 22836 | 16 II 54 16 II 22 | 16942 16911 | 24Ω26 24Ω14 | 0825 0817 | 23 8 48 23 8 27 | 17 I I46 17 I I14 | 17943 17911 | 25 Ω 36 25 Ω 24 |
| 34S | 28 Y 17 | 21843 | 14 II 58 | 14938 | 22252 | 29 Y 13 | 22815 | 15 II 50 | 15939 | 248014 | 0809 | 23805 | 16 I I41 | 16939 | 25 Ω 13 |
| 35S | 28Υ09 | 21803 | 14П26 | 14906 | 22.039 | 29 Y 05 | 21853 | 15 I I17 | 15©06 | 23 \Omega 49 | 0800 | 22843 | 161108 | 16906 | 25 \O 00 |
| 36S | 28 Y 01 | 20841 | 13 II 52 | 13932 | 22 \Omega 26 | 28 Y 57 | 21831 | 14 II 43 | 14932 | 23 236 | 29 Y 52 | 22821 | 15 II 34 | 15932 | 24 \Omega 48 |
| 37S | 27 Y 53 | 20819 | 13 II 18 | 12©57 | 22 & 12 | 28Ƴ48 | 21809 | 14耳09 | 13957 | 23 23 | 29Ƴ43 | 21858 | 15耳00 | 14957 | 24 235 |
| 38S | 27Υ45 | 19857 | | 12520 | 21 257 | 28Υ40 | 20846 | 13 Д34 | 13520 | 23 209 | 29Υ35 | 21835 | 14П24 | 14521 | 24 \Omega 21 |
| 39S | 27 Ƴ 37 | 19834 | 12П08 | 119543 | 21 Ω 43 | 28 Ƴ 31 | 20823 | 12П58 | 125643 | 22 N 54 | 29℃26 | 21812 | 13 Ⅲ 48 | 135643 | 24Ω07 |
| 40S | 27 Y 28 | 19811 | 11 Д 32 | 11505 | 21 Ω27 | 28℃22 | 20800 | 12 Д 22 | 12504 | 22 239 | 29Y16 | 20848 | 13 Д 11 | 13505 | 23 N 52 |
| 418 | 27Υ19 27Υ10 | 18847 18823 | 10Д55 10Д17 | 10 ඉ 25 9 ඉ 44 | 21Ω11 20Ω54 | 28 \(\cdot 13 \) 28 \(\cdot 04 \) | 19 8 36 | 11 11 44 | 11©24 10©43 | 22Ω24 22Ω07 | 29Υ07 | 20 8 24 19 8 59 | 12 Д 34 | 12©25 11©43 | 23 \Quad 37 23 \Quad \Quad 21 |
| 42S 43S | 27 Y 10 | 17859 | 9Д38 | 99944 | 20 <i>8</i> 134 20 <i>α</i> 37 | 27 Y 55 | 18847 | 11 II 06 10 II 27 | 10943 | 21250 | 28 \(\cdot 58 \) 28 \(\cdot 48 \) | 19834 | 11 II 55 11 II 16 | 119943 | 23 N 04 |
| 44S | 26 Y 52 | 17834 | 8П59 | 8916 | 20Ω18 | 27°45 | 18821 | 9П47 | 9916 | 21 232 | 28Υ38 | 19809 | 10Д35 | 10@15 | 22 \Omega 46 |
| 45S | 26Ƴ42 | 17809 | 8п18 | 7ഇ30 | 19£59 | 27 Y 35 | 17856 | 9П06 | 8929 | 21 & 13 | 28Y28 | 18843 | 9П53 | 9529 | 22.028 |
| 46S | 26 Y 33 | 16843 | 7Д36 | 6943 | 19239 | 27 Y 25 | 17829 | 8П23 | 79541 | 20 \$\alpha 53 | 28 Y 18 | 18816 | 9П11 | 8940 | 22 \O |
| 47S | 26Y23 | 16816 | 6Ц53 | 5953 | 19Ω17 | 27 Υ 15 | 17802 | 7П40 | 6୭51 | 20 233 | 28 Y 07 | 17848 | 8Д27 | 7ഇ50 | 21 ⋒48 |
| 48S | 26Υ12 | 15849 | 6H09 | 5901 | 18.055 | 27Υ04 | 16835 | 6II56 | 5959 | 20Ω11 | 27Υ56 | 17821 | 7 II 42 | 6957 | 21 \Omega 27 |
| 49S | 26Y02 | 15821 | 5II24 | 4907 | 18.031 | 26 ℃ 53 | 16807 | 6 I 10 | 5905 | 19Ω47 | 27 ° 45 | 16852 | 6 I I56 | 6903 | 21 04 |
| 50S | 25Υ51 | 14853 | 4II 38 | 3511 | 18£06 | 26°°42 | 15838 | 5 II 23 | 4508 | 19 \O 23 | 27Υ33 | 16823 | 6H08 | 5©05 | 20 \Q 40 |
| 51S 52S | 25Υ40 25Υ28 | 14824 13854 | 3Д50 3Д01 | 2©12 1©10 | 17Ω40 17Ω12 | 26 ° 31 26 ° 19 | 15 8 08 14 8 38 | 4П34 3П44 | 3©08 2©06 | 18Ω57 18Ω29 | 27 ° 22 27 ° 09 | 15 8 53 | 5П19 4П28 | 4506 3503 | 20Ω15 19Ω47 |
| 53S | 25 Y 17 | 13823 | 2Ц10 | 0906 | 16.042 | 26°°07 | 14807 | 2 Д 53 | 19901 | 18200 | 26°757 | 14850 | 3 Д 36 | 1957 | 198147 |
| 54S | 25Υ04 | 12852 | 1 Д 17 | 28П58 | 16Ω10 | 25 ° 54 | 13835 | 2П00 | 29П53 | 17£28 | 26 ° 44 | 14817 | 2П42 | 0948 | 18Ω48 |
| 55S | 24 Y 52 | 12819 | 0Д23 | 27П48 | 15 Q 35 | 25 ℃41 | 13802 | 1Д05 | 28П42 | 16255 | 26Υ30 | 13844 | 1 Д 47 | 29П36 | 18 \Omega 15 |
| 56S | 24Y39 | 11846 | 29828 | 26耳33 | 14Ω58 | 25 ℃ 28 | 12828 | 0П09 | 27П26 | 16Ω18 | 26Ƴ17 | 13809 | 0Д50 | 28 Д 20 | 17⋒39 |
| 57S | 24Y25 | 11812 | 28830 | 25П15 | 14Ω19 | 25 ℃ 14 | 11853 | 29810 | 26П08 | 15Ω39 | 26 ℃ 02 | 12834 | 29850 | 27П00 | 17Ω01 |
| 58S | 24Υ11 | 10836 | 27831 | 23 II 54 | 13 0 36 | 24°759 | 11817 | 28810 | 24 II 45 | 14.057 | 25°°47 | 11857 | 28849 | 25 II 36 | 16 \Omega 19 |
| 598 | 23 Y 57 | 10800 | 26829 | 22 11 27 | 12.050 | 24 7 44 | 10839 | 27808 | 23 11 17 | 14.011 | 25Υ32 | 11819 | 27846 | 24 11 08 | 15 Ω 34 |
| 60S | 23 Y 41 | 9822 | 25826 | 20 II 57 | 11.059 | 24Y29 | 10801 | 26803 | 21 II 45 | 13 \O 27 | 25Υ16 24Υ250 | 10840 | 26840 | 22 II 34 | 14 \Omega 45 |
| 61S 62S | 23Υ26 23Υ09 | 8843 8802 | 24820 23811 | 19 II 21 17 II 40 | 11Ω04 10Ω03 | 24 ° 12 23 ° 55 | 9821 8840 | 24856 23847 | 20 II 08 18 II 26 | 12Ω27 11Ω27 | 24 \(\cdot 59 \) 24 \(\cdot 42 \) | 10800 9818 | 25 8 32 24 8 22 | 20П56 19П12 | 13 Ω 52 12 Ω 53 |
| 63S | 22 Y 52 | 7820 | 22801 | 15 II 54 | 8£57 | 23 Y 38 | 7 8 57 | 22835 | 16耳38 | 10Ω21 | 24 Y 23 | 8834 | 23809 | 17 Д 22 | 11.047 |
| 64S | 22 Y 34 | 6837 | 20848 | 14 II 02 | 7 N 43 | 23 Y 19 | 7813 | 21821 | 14 II 44 | 9208 | 24Y04 | 7849 | 21854 | 15 Д 27 | 10ω35 |
| 65S | 22 Y 16 | 5852 | 19832 | 12П04 | 6 & 21 | 23 ℃00 | 6827 | 20803 | 12П44 | 7Ω47 | 23 Y 44 | 7803 | 20835 | 13 Д 24 | 9ω14 |
| 66S | 21Υ56 | 5805 | 18813 | 10п00 | 4 \Omega 49 | 22 Y 40 | 5840 | 18843 | 10Д38 | 6Ω16 | 23 Y 23 | 6814 | 19814 | 11 Д 16 | 7.Ω44 |
| pc | 21 Y 44 | 4838 | 17827 | 8 I I48 | 3 N 53 | 22 ℃ 28 | 5812 | 17857 | 9п24 | 5 Q 20 | 23 ℃ 11 | 5846 | 18827 | 10Д01 | 6Ω48 |
| <u> </u> | | | | 11 0 | 1. 7 | " 2000. ε: 2 | 2026121 | 1 . 1 | | | | - | | | - |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 2m AR 6'09 | CMC: 3° | 00' | Sid.Tir MC: | | 6m AR 1'30 | MC: 4° | 00' | Sid.Tir MC: | ne: 0h20 5Y2 | 0m AR | CMC: 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 | 5Д53 | 3 9 4 0 | 1Ω45 | 2 m 00 | 7821 | 6Д50 | 4935 | 2 N 43 | 3 mp 03 |
| 1S | 5810 | 4 I I37 | 2521 | 0ຄ29 | 0 m 51 | 6811 | 5Д34 | 3516 | 1 ຄ 26 | 1 m 54 | 7813 | 6Д31 | 49311 | 2 № 25 | 2 m 57 |
| 2S | 5802 | 4П18 | 1957 | 0Ω10 | 0 mg 44 | 6804 | 5П15 | 2952 | 1Ω08 | 1 m/48 | 7805 | 6П11 | 39647 | 2⋒07 | 2 m 51 |
| 3S | 4855 | 3Д59 | 1933 | 29552 | 0 m 38 | 5857 | 4II 56 | 2528 | 0.050 | 1 m 42 | 6858 | 5 II 52 | 3523 | 1 0 48 | 2 m 45 |
| 4S | 4848 | 3П41 | 1909 | 29©33 | 0 m ₂ 32 | 5849 | 4II37 | 2ഇ04 | 0.031 | 1 m, 35 | 6850 | 5 Д 33 | 2959 | 1 A 30 | 2 m/39 |
| 5S | 4841 | 3 Д 22 | 0945 | 29514 | 0 m 25 | 5842 | 4II18 | 19540 | 0Ω13 | 1 m 29 | 6843 | 5 Д 14 | 2935 | 1 \Q 12 | 2 m 33 |
| 6S 7S | 4834 4827 | 3 II 03 2 II 45 | 0©21 29П57 | 28©55 28©36 | 0 mg 19 0 mg 12 | 5835 5827 | 3П59 3П41 | 1 ඉ 16 0 ඉ 52 | 29©54 29©35 | 1 m 23 1 m 17 | 6835 6828 | 4Ц55 4Ц36 | 2©11 1©47 | 0 | 2 m/ 27 2 m/ 21 |
| 8S | 4820 | 2П43 | 29 Д32 | 28930 | 0 mg 06 | 5820 | 3П22 | 0 9 32 | 29916 | 1 mg 10 | 6820 | 4II18 | 1923 | 0Ω15 | 2 m/ 2 m/ 1 5 |
| 9S | 4812 | 2П08 | 29П08 | 27957 | 29 û 59 | 5813 | 3 Д 03 | 0ഇ03 | 28\$56 | 1 m/04 | 6813 | 3 Д 59 | 0ഇ58 | 29ഇ56 | 2 m, 09 |
| 10S | 4805 | 1П49 | 28П43 | 27937 | 29£52 | 5805 | 2П44 | 29П38 | 28ഇ36 | 0 mp 57 | 6805 | 3П40 | 0ഇ33 | 29ഇ36 | 2 m ₂ 02 |
| 11S | 3858 | 1Д30 | 28П19 | 27ഇ17 | 29 N 45 | 4858 | 2П26 | 29П14 | 28917 | 0 m/ 50 | 5858 | 3П21 | 0ഇ09 | 29ഇ16 | 1 m 56 |
| 12S | 3851 | 1 Д 12 | 27Ⅲ54 | 26957 | 29⋒38 | 4851 | 2П07 | 28П49 | 27ॼ56 | 0 mg 44 | 5850 | 3 Д 02 | 29П44 | 28\$56 | 1 m, 49 |
| 13S | 3844 | 0П53 | 27 Д 29 | 26936 | 29 Ω 31 | 4844 | 1П48 | 28 11 24 | 27936 | 0 m, 37 | 5843 | 2П43 | 29П19 | 28536 | 1 m 43 |
| 14S | 3837 | 0П34 | 27П04 | 26915 | 29Ω24 | 4836 | 1П29 | 27 II 58 | 279515 | 0 mg 30 | 5836 | 2П24 | 28П53 | 28915 | 1 m/36 |
| 15S | 3830 | 0П16 | 26 Д 38 | 25@54 | 29 17 | 4829 | 1 11 10 | 27 11 33 | 26954 | 0 m 23 | 5828 | 2П05 | 28 11 28 | 27954 | 1 m/29 |
| 16S 17S | 3823 3815 | 29857 29838 | 26 II 12 25 II 47 | 25@32 25@11 | 29 A 09 29 A 02 | 4822 4814 | 0П51 0П32 | 27 II 07 26 II 41 | 26@33 26@11 | 0 mg 16 0 mg 08 | 5821 5813 | 1 П 46 1 П 27 | 28 II 02 27 II 36 | 27©33 27©11 | 1 m ₂ 22 1 m ₂ 15 |
| 17S 18S | 3808 | 29819 | 25 II 20 | 239911 | 298102 28Ω54 | 4807 | 0Д32 | 26 II 15 | 25949 | 0 mg 0 1 | 5805 | 1 Д 27 | 27 II 36 27 II 10 | 26949 | 1 mp 08 |
| 19S | 3801 | 29800 | 24 II 54 | 24926 | 28£34 28£46 | 3859 | 29854 | 25 II 49 | 25@26 | 29 253 | 4858 | 0Д48 | 26 II 43 | 26927 | 1 mg 0 1 |
| 20S | 2854 | 28841 | 24П27 | 24903 | 28£38 | 3852 | 29835 | 25П22 | 25©03 | 29 N 46 | 4850 | 0П28 | 26П16 | 26©04 | 0 mp 53 |
| 21S | 2846 | 28822 | 24 II 00 | 23539 | 28£30 | 3844 | 29815 | 24 II 55 | 24940 | 29 238 | 4842 | 0П09 | 25 II 49 | 25941 | 0 mg 46 |
| 22S | 2839 | 28802 | 23 Д33 | 23©15 | 28222 | 3837 | 28856 | 24П27 | 24916 | 29 230 | 4835 | 29849 | 25 Д21 | 25©17 | 0 mp 38 |
| 238 | 2831 | 27843 | 23 Д 06 | 22551 | 28 20 13 | 3829 | 28836 | 24 II 00 | 23952 | 29 & 21 | 4827 | 29829 | 24 II 54 | 24953 | 0 mg 30 |
| 24S | 2824 | 27823 | 22 Д 38 | 22526 | 28⋒05 | 3821 | 28816 | 23 П 31 | 23527 | 29Ω13 | 4819 | 29809 | 24 II 25 | 24528 | 0 mg 22 |
| 25S | 2816 | 27803 | 22 Д 09 | 22500 | 27£56 | 3814 | 27856 | 23 п 03 | 23501 | 29⋒04 | 4811 | 28849 | 23 Д 57 | 24903 | 0 mg 13 |
| 26S | 2809 | 26 8 43 26 8 23 | 21 II 40 21 II 11 | 21©34 21©07 | 27 Ω 47 27 Ω 37 | 3806 2858 | 27836 27816 | 22 II 34 22 II 05 | 22 © 35 22 © 09 | 28Ω55 28Ω46 | 4803 | 28 8 28 28 8 08 | 23 II 28 22 II 58 | 23 5 37 | 0 m 05 29 Ω 56 |
| 27S 28S | 2801 1853 | 26803 | 20 Д 42 | 20940 | 27 N 28 | 2850 | 26855 | 22 II 03 21 II 35 | 219641 | 28237 | 3855 3847 | 27847 | 22 II 38 22 II 28 | 23©10 22©43 | 29 £ 30 29 £ 47 |
| 29S | 1845 | 25842 | 20 II 12 | 20@12 | 27Ω18 | 2842 | 26834 | 21 II 05 | 21@13 | 28 27 | 3838 | 27826 | 21 II 58 | 22@15 | 29 237 |
| 30S | 1837 | 25822 | 19П41 | 19543 | 27Ω07 | 2834 | 26813 | 20П34 | 20ഇ45 | 28 A 18 | 3830 | 27805 | 21 Д27 | 21 5 46 | 29ຄ28 |
| 31S | 1829 | 25800 | 19П10 | 19514 | 26£57 | 2825 | 25852 | 20 II 02 | 20@15 | 28207 | 3821 | 26843 | 20耳55 | 21917 | 29 218 |
| 32S | 1821 | 24839 | 18П38 | 18944 | 26⋒46 | 2817 | 25830 | 19П31 | 19545 | 27Ω57 | 3813 | 26821 | 20П23 | 20947 | 29⋒08 |
| 33S | 1813 | 24818 | 18耳06 | 18512 | 26.035 | 2808 | 25808 | 18 Д 58 | 19514 | 27 Ω 46 | 3804 | 25859 | 19П50 | 20516 | 28257 |
| 34S | 1804 | 23856 | 17П33 | 17ഇ40 | 26⋒24 | 2800 | 24846 | 18П25 | 18542 | 27Ω35 | 2855 | 25837 | 19П17 | 19544 | 28⋒47 |
| 35S | 0856 | 23833 | 17II 00 | 17907 | 26Ω12 | 1851 | 24824 | 17II51 | 18509 | 27 Ω 23 | 2846 | 25814 | 18耳43 | 19511 | 28 235 |
| 36S 37S | 0847 0838 | 23 8 11 22 8 48 | 16П25 15П51 | 16 9 33 | 25 Ω 59 25 Ω 47 | 1842 1833 | 24 8 01 23 8 38 | 17II17 16II42 | 17935 17900 | 27Ω11 26Ω59 | 2837 2828 | 24851 24827 | 18 II 08 17 II 33 | 18 © 37 18 © 01 | 28 N 24 28 N 12 |
| 38S | 0829 | | 15 II 15 | | 25 \Quad 33 | | | 16 I I 06 | | 26 Ω 46 | | 24803 | | | 27.059 |
| 39S | 0820 | 22801 | 14П39 | 149544 | 25 Ω 19 | 1814 | 22850 | 15 Д 29 | 15946 | 26 233 | 2808 | 23839 | 16耳20 | 16947 | 27 246 |
| 40S | 0811 | 21837 | 14Д01 | 14905 | 25⋒05 | 1805 | 22826 | 14П52 | 15ഇ07 | 26Ω19 | 1859 | 23814 | 15 Д 42 | 16908 | 27£32 |
| 41S | 0801 | 21812 | 13 Д23 | 13525 | 24 \$\alpha 50\$ | 0855 | 22801 | 14 П 13 | 14526 | 26Ω04 | 1849 | 22849 | 15 Д 03 | 15©28 | 27Ω18 |
| 42S | 29 Y 51 | 20847 | 12∏44 | 125644 | 24⋒34 | 0845 | 21836 | 13 耳34 | 13945 | 25 € 49 | 1838 | 22824 | 14耳23 | 149546 | 27£04 |
| 43S | 29Υ41 | 20822 | 12 11 11 12 22 | 12500 | 24 \Q 18 | 0835 | 21810 | 12 II 53 | 13501 | 25 \O 16 | 1828 | 21857 | 13 II 43 | 14503 | 26 0 48 |
| 44S | 29Υ31 | 19856 | 11 11 23 | 119615 | 24 \O1 | 0824 | 20843 | 12 П 12 | 12516 | 25 \Omega 16 | 1817 | 21831 | 13 11 01 | 13917 | 26.032 |
| 45S 46S | 29Υ21 29Υ10 | 19829 19802 | 10П41 9П58 | 10 ඉ 29 9 ඉ 40 | 23 Ω43 23 Ω24 | 0813 0803 | 20 8 16 19 8 49 | 11 II 30 10 II 46 | 11©29 10©40 | 24Ω59 24Ω40 | 1806 0855 | 21803 20835 | 12 II 18 11 II 34 | 12©30 11©41 | 26Ω15 25Ω57 |
| 40S 47S | 28 Y 59 | 18835 | 9Д38 | 8940 8949 | 23 & 124 23 & 04 | 29 Y 51 | 19821 | 10 II 46 10 II 01 | 9949 | 243740 24Ω21 | 0843 | 20833 | 10 II 48 | 119941 | 25 N 38 |
| 48S | 28 Y 48 | 18806 | 8П28 | 7956 | 22 \Omega 43 | 29 Y 40 | 18852 | 9П15 | 8956 | 248021 | 0832 | 19838 | 10月48 | 9956 | 25 Ω 18 |
| 49S | 28Υ36 | 17837 | 7Д41 | 7901 | 22 \Omega 21 | 29Υ28 | 18822 | 8п28 | 8901 | 23 239 | 0819 | 19808 | 9п14 | 9900 | 24 257 |
| 50S | 28 Y 25 | 17807 | 6Ц53 | 6©04 | 21 2 58 | 29Ƴ16 | 17852 | 7П39 | 7ഇ02 | 23 & 16 | 0807 | 18837 | 8П25 | 8গু02 | 24 235 |
| 51S | 28 Y 12 | 16837 | 6Ц04 | 5903 | 21 233 | 29Ƴ03 | 17821 | 6П49 | 6902 | 22 N 52 | 29Ƴ54 | 18806 | 7Д34 | 7901 | 24 211 |
| 52S | 28Y00 | 16805 | 5П12 | 4গু00 | 21 206 | 28 ℃ 50 | 16849 | 5П57 | 4958 | 22 \Omega 26 | 29Υ41 | 17833 | 6Д41 | 5956 | 23 Ω 46 |
| 53S | 27Υ47 | 15833 | 4 II 20 | 2954 | 20.038 | 28 Y 37 | 16817 | 5 II 03 | 3951 | 21 0 20 | 29°27 | 17800 | 5 II 47 | 4549 | 23 \Omega 19 |
| 54S | 27Υ34 | 15800 | 3 Д 25 | 19544 | 20 \O 08 | 28 ℃ 23 | 15843 | 4H08 | 25641 | 21 \O 29 | 29Υ13 | 16826 | 4II51 | 3538 | 22 \Omega 50 |
| 55S | 27Υ20 | 14826 | 2П29 | 0931 | 19 0 36 | 28Y09 | 15808 | 3 II 11 | 1927 | 20 0 57 | 28 Y 58 | 15851 | 3 II 53 | 2923 | 22 \Omega 20 |
| 56S 57S | 27Υ05 26Υ51 | 13 8 51 | 1Д31 0Д31 | 29 II 14 27 II 53 | 19Ω01 18Ω23 | 27 Υ 54 27 Υ 39 | 14 8 33 13 8 56 | 2П12 1П11 | 0©09 28¶47 | 20Ω23 19Ω46 | 28 \(\cdot 43 \) 28 \(\cdot 28 \) | 15 8 14 14 8 37 | 2Д54 1Д52 | 1©05 29∏42 | 21 \Omega 46 21 \Omega 10 |
| 58S | 26 Y 35 | 12838 | 29829 | 26 II 28 | 17042 | 27 Y 23 | 13818 | 0П08 | 27 II 21 | 198046 | 28 Υ 11 | 13859 | ощ48 | 28 II 14 | 20231 |
| 59S | 26Υ19 | 11859 | 28824 | 24П58 | 16£58 | 27 ℃ 07 | 12839 | 29803 | 25 II 50 | 18 23 | 27Υ54 | 13819 | 29842 | 26П42 | 19 Ω 49 |
| 393 I | | 1110 | 27818 | 23П24 | 16Ω10 | 26℃50 | 11858 | 27855 | 24П14 | 17Ω36 | 27 Y 37 | 12838 | 28833 | 25 П 05 | 19 ຄ 03 |
| 60S | 26Y03 | 11819 | | | 15Ω17 | 26Y32 | 11817 | 26846 | 22 Д 32 | 16Ω44 | 27Υ19 | 11855 | 27822 | 23 П22 | 18Ω12 |
| - 1 | 26Υ03 25Υ46 | 10838 | 26809 | 21 Ⅱ 44 | 130617 | | | | | 15Ω47 | | | | | 17Ω16 |
| 60S 61S 62S | 25Υ46 25Υ28 | 10838 9855 | 26809 24858 | 19П58 | 14Ω19 | 26 ℃ 14 | 10833 | 25833 | 20Ⅱ45 | | 27 Y 00 | 11811 | 26809 | 21 II 33 | 1 |
| 60S 61S 62S 63S | 25 \cdot 46 25 \cdot 28 25 \cdot 09 | 10838 9855 9811 | 26809 24858 23844 | 19П58 18П07 | 14Ω19 13Ω15 | 25 ℃ 54 | 9848 | 24818 | 18II52 | 14Ω43 | 26 Y 40 | 10825 | 24852 | 19П38 | 16Ω13 |
| 60S 61S 62S 63S 64S | 25 \cdot 46 25 \cdot 28 25 \cdot 09 24 \cdot 49 | 10838 9855 9811 8826 | 26809 24858 23844 22827 | 19П58 18П07 16П09 | 14Ω19 13Ω15 12Ω03 | 25 \ | 9848 9802 | 24818 23800 | 18 II 52 16 II 52 | 14 \Omega 43 13 \Omega 33 | 26°740 26°719 | 10825 9838 | 24852 23833 | 19П38 17П36 | 16Ω13 15Ω04 |
| 60S 61S 62S 63S 64S 65S | 25 \cdot 46 25 \cdot 28 25 \cdot 09 24 \cdot 49 24 \cdot 29 | 10838 9855 9811 8826 7838 | 26809 24858 23844 22827 21807 | 19 Д 58 18 Д 07 16 Д 09 14 Д 05 | 14Ω19 13Ω15 12Ω03 10Ω44 | 25 \gamma 54 25 \gamma 34 25 \gamma 13 | 9848 9802 8813 | 24818 23800 21839 | 18П52 16П52 14П46 | 14 \(\Omega 43 \) 13 \(\Omega 33 \) 12 \(\Omega 14 \) | 26 \(\cdot 40 \) 26 \(\cdot 19 \) 25 \(\cdot 57 \) | 10825 9838 8849 | 24852 23833 22811 | 19 ДЗ8 17 ДЗ6 15 Д27 | 16Ω13 15Ω04 13Ω46 |
| 60S 61S 62S 63S 64S | 25 \cdot 46 25 \cdot 28 25 \cdot 09 24 \cdot 49 | 10838 9855 9811 8826 | 26809 24858 23844 22827 | 19П58 18П07 16П09 | 14Ω19 13Ω15 12Ω03 | 25 \ | 9848 9802 | 24818 23800 | 18 II 52 16 II 52 | 14 \Omega 43 13 \Omega 33 | 26°740 26°719 | 10825 9838 | 24852 23833 | 19П38 17П36 | 16Ω13 15Ω04 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | 4m AR 2'07 | CMC: 6° | 00' | Sid.Tir MC: | ne: 0h28 7 Y 3 | 8m AR 7'21 | MC: 7° | 200' | Sid.Tir MC: | ne: 0h32 8Y4 | 2m AR 2'32 | MC: 8° | 00' |
|--------------------------|-------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|-----------------------------------|------------------------------|----------------------------------|----------------------------------|----------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 8822 | 7П46 | 5ഇ30 | 3 a 41 | 4 m, 06 | 9823 | 8Д43 | 6925 | 4£39 | 5 mg 10 | 10824 | 9Д39 | 7ഇ20 | 5ณ38 | 6 mg 13 |
| 1S | 8814 | 7П27 | 5ഇ06 | 3 № 23 | 4 m 01 | 9815 | 8П23 | 6©01 | 4£21 | 5 mg 04 | 10816 | 9П20 | 6957 | 5 ຄ 20 | 6 m 08 |
| 2S | 8806 | 7П08 | 49642 | 3 № 05 | 3 m 55 | 9807 | 8П04 | 5938 | 4Ω04 | 4 m 59 | 10808 | 9П00 | 6933 | 5 A 03 | 6 mg 03 |
| 3S | 7859 | 6 I I49 | 49518 | 2.047 | 3 m 49 | 9800 | 7II 45 | 5914 | 3 2 46 | 4 m 54 | 10800 | 8П41 | 6909 | 4 \Q 45 | 5 m 58 |
| 4S | 7851 | 6П29 | 3954 | 2 N 29 | 3 mg 44 | 8852 | 7П25 | 4950 | 3 N 28 | 4 m, 48 | 9852 | 8П21 | 5945 | 4 <i>0</i> 27 | 5 m, 52 |
| 5S | 7843 | 6H10 | 3530 | 2011 | 3 m 38 | 8844 | 7II 06 | 4926 | 3 & 10 | 4 m 42 | 9844 | 8月02 | 5921 | 4Ω09 | 5 m 47 |
| 6S 7S | 7836 7828 | 5П51 5П32 | 3©06 2©42 | 1 Ω 52 1 Ω 33 | 3 m/32 3 m/26 | 8836 8828 | 6П47 6П28 | 4 ඉ 02 3 ඉ 37 | 2 N 51 2 N 33 | 4 m 37 4 m 31 | 9836 9828 | 7П43 7П23 | 4957 4933 | 3 N 51 3 N 33 | 5 m/42 5 m/36 |
| 8S | 7820 | 5 II 13 | 2918 | 1 Ω 14 | 3 m/ 20 | 8820 | 6H09 | 3913 | 2Ω14 | 4 m/ 25 | 9820 | 7 II 04 | 4908 | 3Ω14 | 5 mg 3 1 |
| 9S | 7813 | 4II 54 | 1953 | 0ຄ55 | 3 m, 14 | 8813 | 5II50 | 2ഇ48 | 1 2 5 5 | 4 m 19 | 9812 | 6П45 | 3944 | 2 N 55 | 5 m 25 |
| 108 | 7805 | 4П35 | 1929 | 0Ω36 | 3 m 08 | 8805 | 5П30 | 2924 | 1 ຄ 36 | 4 mp 14 | 9804 | 6П26 | 3919 | 2ຄ36 | 5 m 19 |
| 11S | 6858 | 4 I I16 | 1904 | 0Ω16 | 3 m 02 | 7857 | 5П11 | 1959 | 1216 | 4 m 08 | 8856 | 6П06 | 2954 | 2Ω17 | 5 m 14 |
| 12S | 6850 | 3 Д 57 | 0ഇ39 | 29ഇ56 | 2 m/ 55 | 7849 | 4II 52 | 1 ഇ 34 | 0 0 57 | 4 mg 01 | 8849 | 5 Ⅱ 47 | 2929 | 1 ⋒ 57 | 5 m, 08 |
| 13S | 6842 | 3Д38 | 0១14 | 29\$36 | 2 m/49 | 7842 | 4Д33 | 1909 | 0ω37 | 3 m 55 | 8841 | 5 Д 27 | 2904 | 1ω37 | 5 m, 02 |
| 14S | 6835 | 3П19 | 29П48 | 29\$16 | 2 m, 42 | 7834 | 4 I 13 | 0943 | 0 Q 16 | 3 m/49 | 8833 | 5П08 | 1938 | 1Ω17 | 4 m 56 |
| 15S | 6827 | 2П59 | 29П23 | 28955 | 2 m/36 | 7826 | 3П54 | 0ഇ18 | 29©55 | 3 m/43 | 8825 | 4 I I48 | 19513 | 0Ω57 | 4 m 50 |
| 16S | 6819 | 2Π40 2Π21 | 28 II 57 | 28534 | 2 m/ 29 | 7818 | 3 II 35 | 29 II 52 | 29534 | 3 m 36 | 8817 | 4 II 29 | 0947 | 0£36 | 4 m 43 |
| 17S 18S | 6812 6804 | 2П21 2П01 | 28 II 31 28 II 04 | 28©12 27©50 | 2 m/22 2 m/15 | 7810 7802 | 3П15 2П55 | 29 II 26 28 II 59 | 29©13 28©51 | 3 m 30 3 m 23 | 8800 8808 | 4П09 3П49 | 0©21 29∏54 | 0 ຄ 14 29 ອ 53 | 4 m 37 4 m 31 |
| 19S | 5 8 56 | 2 H 01 1 H 42 | 28 II 04 27 II 38 | 279530 279528 | 2 m 08 | 6854 | 2Д33 | 28 II 39 28 II 32 | 28929 | 3 mg 16 | 7852 | 3 Д 49 | 29 II 34 29 II 27 | 29933 | 4 m/ 24 |
| 20S | 5 8 48 | 1 Д 22 | 27 I 11 | 27905 | 2 m ₂ 01 | 6846 | 21116 | 28 II 05 | 28907 | 3 mg 09 | 7844 | 31109 | 291100 | 29908 | 4 mp 17 |
| 21S | 5840 | 1 II 02 | 26 II 43 | 26942 | 1 m ₂ 54 | 6838 | 1II56 | 27 II 38 | 279344 | 3 mg 02 | 7836 | 2П49 | 28 II 33 | 28946 | 4 m ₂ 10 |
| 22S | 5832 | 0П42 | 26 II 16 | 26518 | 1 m/ 46 | 6830 | 1П36 | 27 II 10 | 27520 | 2 m 55 | 7827 | 2П29 | 28 II 05 | 28522 | 4 m 03 |
| 23S | 5824 | 0п22 | 25 11 48 | 25©54 | 1 m 38 | 6822 | 1П15 | 26 II 42 | 26956 | 2 m/ 47 | 7819 | 2П08 | 27 I I37 | 27ഇ58 | 3 m 56 |
| 24S | 5816 | 0П02 | 25П19 | 25@30 | 1 mg 30 | 6813 | 0П55 | 26 II 14 | 26932 | 2 m/40 | 7811 | 1П48 | 27П08 | 27934 | 3 m/49 |
| 25S | 5 8 08 | 29842 | 24II51 | 25904 | 1 m/22 | 6805 | 0Д34 | 25 11 45 | 26906 | 2 m/ 32 | 7802 | 1 Д 27 | 26П39 | 27909 | 3 m/41 |
| 26S | 5800 | 29821 | 24П21 | 24539 | 1 mp 14 | 5857 | 0п13 | 25 П 15 | 25941 | 2 m 24 | 6853 | 1 Д 06 | 26 II 10 | 26943 | 3 m 34 |
| 27S | 4852 | 29800 | 23 II 52 | 24912 | 1 m 06 | 5848 | 29852 | 24 11 46 | 25514 | 2 m 16 | 6845 | 0П45 | 25 11 40 | 26917 | 3 m 26 |
| 28S 29S | 4843 4835 | 28 8 39 28 8 18 | 23 II 22 22 II 51 | 23©45 23©17 | 0 mp 57 0 mp 48 | 5840 5831 | 29 8 31 29 8 10 | 24 II 15 23 II 45 | 24947 24920 | 2 m, 07 1 m, 58 | 6836 6827 | 0Д23 0Д01 | 25 II 09 24 II 38 | 25@50 25@23 | 3 mg 18 3 mg 09 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 4826 4817 | 27856 27834 | 22 II 20 21 II 48 | 22 9 49 22 9 19 | 0 mg 39 0 mg 29 | 5822 5813 | 28848 28826 | 23 II 13 22 II 41 | 23@51 23@22 | 1 mg 49 1 mg 40 | 6818 6809 | 29839 29817 | 24 II 07 23 II 35 | 24©54 24©25 | 3 mg 01 2 mg 52 |
| 32S | 4808 | 27812 | 21 II 16 | 21949 | 0 mg 19 | 5804 | 28803 | 22 II 09 | 22952 | 1 mg 31 | 6800 | 28854 | 23 II 02 | 23955 | 2 m 43 |
| 33S | 4800 | 26850 | 20П43 | 21518 | 0 m, 09 | 4855 | 27841 | 21 Д36 | 22@21 | 1 m 21 | 5850 | 28832 | 22 Д 29 | 23\$24 | 2 m 33 |
| 34S | 3850 | 26827 | 20П09 | 20946 | 29£58 | 4846 | 27818 | 21 II 02 | 215649 | 1 my 11 | 5841 | 28808 | 21 Д 55 | 22552 | 2 m 23 |
| 35S | 3841 | 26804 | 19П35 | 20ഇ13 | 29⋒48 | 4836 | 26854 | 20П27 | 21516 | 1 mg 00 | 5831 | 27845 | 21 Д20 | 22 ഇ 19 | 2 m/13 |
| 36S | 3832 | 25841 | 19耳00 | 19539 | 29 A 36 | 4827 | 26831 | 19П52 | 20942 | 0 mg 49 | 5821 | 27821 | 20Ⅱ44 | 215645 | 2 m 03 |
| 37S | 3822 | 25817 | 18 II 25 | 19504 | 29 2 2 2 3 | 4817 | 26807 | 191116 | 20507 | 0 m 38 | 5811 | 26856 | 201108 | 21 5 10 | 1 m 52 |
| 38S 39S | 3803 | 24833 | 17 I I48 17 I I11 | 18927 17950 | 29 A 13 29 A 00 | 4807 3857 | 25842 | 18 II 39 18 II 02 | 18953 | 0 mg 26 0 mg 14 | 4851 | 26 8 32 26 8 07 | 19Д31 | 20©34 19©56 | 1 mp 41 1 mp 29 |
| | | | | | | | | | | | | | | | |
| 40S 41S | 2853 2842 | 24803 23838 | 16 II 32 15 II 53 | 17©11 16©30 | 28 \Omega 47 28 \Omega 33 | 3846 3836 | 24852 24826 | 17 II 23 16 II 44 | 18©14 17©33 | 0 m 01 29 Ω 48 | 4840 4829 | 25 8 41 25 8 15 | 18II14 17II34 | 19©17 18©36 | 1 mp 17 1 mp 04 |
| 42S | 2832 | 23812 | 15 II 13 | 15948 | 28£19 | 3825 | 24800 | 16П03 | 16951 | 29 \ \ \ 34 | 4818 | 24848 | 16Д53 | 17954 | 0 mg 50 |
| 43S | 2821 | 22845 | 14П32 | 15©05 | 28⋒04 | 3814 | 23833 | 15 Д22 | 16ഇ07 | 29 & 20 | 4807 | 24821 | 16 I I1 | 17910 | 0 m 36 |
| 44S | 2810 | 22818 | 13Д50 | 14519 | 27 A 48 | 3803 | 23805 | 14П39 | 15ഇ22 | 29 20 05 | 3856 | 23853 | 15П28 | 16ഇ25 | 0 m/ 22 |
| 45S | 1859 | 21850 | 13П06 | 13ള32 | 27£32 | 2851 | 22837 | 13 П 55 | 14934 | 28 N 49 | 3844 | 23824 | 14П44 | 15ഇ37 | 0 mg 06 |
| 46S | 1847 | 21822 | 12П22 | 12942 | 27Ω14 | 2839 | 22809 | 13 Д 10 | 13945 | 28 232 | 3832 | 22855 | 13 Д 59 | 149647 | 29 250 |
| 47S | 1835 | 20853 | 11 11 36 | 11951 | 26256 | 2827 | 21839 | 12 Д 24 | 12953 | 28Ω14 | 3819 | 22826 | 13 II 12 | 13@55 | 29 233 |
| 48S 49S | 1823 1811 | 20 8 23 19 8 53 | 10 II 49 10 II 00 | 10ඉ57 10ඉ01 | 26Ω37 26Ω16 | 2815 | 21809 20838 | 11 П 36 10 П 47 | 11©59 11©02 | 27Ω55 27Ω36 | 3806 | 21855 | 12П24 11П34 | 13©01 12©04 | 29 N 15 |
| | | | | | 26.016 | 2802 | | | | 27.036 | 2853 | 21824 | | | |
| 50S | 0858 | 19822 18850 | 9П10 8П19 | 9 5 02 | 25 Ω 55 25 Ω 32 | 1849 1835 | 20807 19834 | 9П57 9П04 | 10©03 9©01 | 27Ω15 26Ω52 | 2840 2826 | 20 8 52 20 8 19 | 10 II 43 | 11©04 10©02 | 28Ω35 28Ω14 |
| 51S 52S | 0845 0831 | 18830 | 7П26 | 8900 6955 | 25 & 132 25 & 07 | 1835 | 19834 | 9Д04 8Д11 | 7955 7955 | 26 <i>l</i> 152 26 <i>l</i> 29 | 2826 | 19845 | 9П50 8П56 | 8956 8956 | 283114 27Ω51 |
| 53S | 0817 | 17843 | 6 I I31 | 5 9 33 | 24 \Q 41 | 1807 | 18827 | 7П15 | 6947 | 26 Ω 03 | 1857 | 19810 | 7 I I59 | 7 9 37 | 27 \(\Omega 26 |
| 54S | 0803 | 17809 | 5П34 | 4936 | 24 \Omega 13 | 0852 | 17852 | 6П18 | 5934 | 25 236 | 1842 | 18835 | 7П01 | 6934 | 27Ω00 |
| 55S | 29 Y 48 | 16833 | 4П36 | 3920 | 23 & 43 | 0837 | 17815 | 5п18 | 49518 | 25 207 | 1826 | 17858 | 6П01 | 5 © 17 | 26£31 |
| 56S | 29 Y 32 | 15856 | 3Д35 | 2901 | 23 № 10 | 0821 | 16838 | 4Π17 | 2958 | 24⋒35 | 1810 | 17820 | 4П59 | 3955 | 26 20 01 |
| 57S | 29Υ16 | 15818 | 2П32 | 0937 | 22 \Omega 35 | 0804 | 15859 | 3 Д 13 | 1 5 3 3 | 24 \O | 0853 | 16841 | 3П54 | 2529 | 25 № 28 |
| 58S | 28Υ59 | 14839 | 1 Д 28 | 29 II 08 | 21 0 16 | 29 ° 47 | 15820 | 2Д08 | 0903 | 23 \Omega 24 | 0835 | 16800 | 2Д48 | 0959 | 24 0 12 |
| 59S | 28°Y42 | 13859 | 0Д21 | 27II 35 | 21 \Omega 16 | 29 7 29 | 14839 | 0Д59 | 28 11 28 | 22.0.44 | 0817 | 15818 | 1 Д 38 | 29П23 | 24 \Omega 12 |
| | 28 Y 24 | 13817 | 29811 | 25 II 56 | 20 2 30 | 29 Υ 11 | 13856 | 29849 | 26 11 48 | 21 0 11 | 29Υ58 | 14835 | 0П27 | 27 II 41 | 23 \Omega 29 |
| 60S | | 12833 | 27859 | 24 II 11 22 II 21 | 19Ω41 18Ω46 | 28 \cdot 52 \\ 28 \cdot 32 | 13 8 12 12 8 26 | 28836 | 25 II 02 23 II 09 | 21 Ω 11 20 Ω 17 | 29 Y 38 | 13851 13804 | 29 8 13 27 8 55 | 25 II 53 23 II 59 | 22 \Omega 42 21 \Omega 50 |
| 61S | 28 Y 05 | | | . // 11 /1 | 104/40 | 401134 | | 27820 | | 1 | 29Υ18 | I | 1 | | |
| 61S 62S | 27 Y 46 | 11849 | 26 8 44 | | | 28 V 11 | 11230 | 26×101 | 21 π 10 | 19017 | ∥28₩56 | 12216 | 26835 | 21 π 57 | 1 /(11/17) |
| 61S 62S 63S | 27°Y46 27°Y25 | 11849 11802 | 25827 | 20П24 | 17Ω45 | 28 Y 11 27 Y 49 | 11839 10850 | 26 8 01 24 8 39 | 21 II 10 19 II 04 | 19Ω17 18Ω11 | 28 \gamma 56 28 \gamma 34 | 12816 11826 | 26 8 35 25 8 12 | 21 Д 57 19 Д 49 | |
| 61S 62S 63S 64S | 27 Y 46 27 Y 25 27 Y 04 | 11849 11802 10814 | 25 8 27 24 8 06 | 20 II 24 18 II 20 | 17Ω45 16Ω37 | 27Ƴ49 | 10850 | 24839 | 19П04 | 18 Ω 11 | 28Ƴ34 | 11826 | 25812 | 19П49 | |
| 61S 62S 63S | 27°Y46 27°Y25 | 11849 11802 | 25827 | 20П24 | 17Ω45 | | | | | | | | | | 19 \alpha 46 18 \alpha 32 17 \alpha 09 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | 6m AR 7'40 | CMC: 9° | 00' | Sid.Tir MC: | | 0m AR 252'44 | MC: 10 |)°00' | Sid.Tir MC: | ne: 0h44 11Υ | 4m AR 257'43 | MC: 11 | °00' |
|------------|----------------|----------------------------------|----------------------------------|--------------------------------|--|----------------------------------|----------------------------------|----------------------------------|------------------|---------------------|--------------------------------|----------------------------------|--------------------------------|----------------------|-----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 11825 | 10П35 | 8 © 16 | 6 Ω 36 | 7 mp 17 | 12826 | 11 Д 32 | 9©11 | 7£35 | 8 m, 21 | 13827 | 12 Д 28 | 10ഇ06 | 8 a 34 | 9 m/ 25 |
| 1S | 11817 | 10耳16 | 7ഇ52 | 6Ω19 | 7 mg 12 | 12818 | 11 Д 12 | 8গু47 | 7 . 018 | 8 mg 16 | 13818 | 12耳08 | 9943 | 8 Ω 17 | 9 m/21 |
| 2S | 11809 | 9П56 | 7528 | 6 N 02 | 7 m 07 | 12809 | 10 II 52 | 8524 | 7Ω01 | 8 m 12 | 13810 | 11 11 48 | 9519 | 8000 | 9 m 16 |
| 3S 4S | 11801 10853 | 9Д37 9Д17 | 7න04 6න40 | 5Ω44 5Ω26 | 7 m, 02 6 m, 57 | 12 8 01 11 8 53 | 10 II 32 10 II 13 | 8 ඉ 00 7 ඉ 36 | 6Ω44 6Ω26 | 8 mg 07 8 mg 02 | 13801 12853 | 11 II 28 11 II 09 | 8 ୭ 55 8 ୭ 31 | 7Ω43 7Ω26 | 9 m, 12 9 m, 07 |
| 5S | 10844 | 8П58 | 6 9 16 | 5 0 09 | 6 m/ 52 | 11844 | 9П53 | 7 9 30 | 6A08 | 7 m ₂ 57 | 12844 | 10П49 | 8907 | 7 N 08 | 9 m 02 |
| 6S | 10836 | 8Д38 | 5952 | 38109 4Ω51 | 6 mg 47 | 11836 | 9Д33 | 6948 | 5 N 5 1 | 7 mg 52 | 12836 | 10 Д 49 | 79643 | 6N51 | 8 mp 57 |
| 7S | 10828 | 8II 19 | 5928 | 4£32 | 6 m 42 | 11828 | 9П14 | 6924 | 5 N 33 | 7 m 47 | 12827 | 10 Д 10 | 79519 | 6£33 | 8 m 53 |
| 8S | 10820 | 7П59 | 5ഇ04 | 4Ω14 | 6 m/36 | 11820 | 8П55 | 5959 | 5 Ω 14 | 7 m/42 | 12819 | 9П50 | 6୭55 | 6 Q 15 | 8 m/48 |
| 9S | 10812 | 7 I I40 | 4939 | 3 N 55 | 6 mg 31 | 11811 | 8Д35 | 5935 | 4£056 | 7 m, 37 | 12811 | 9П30 | 6930 | 5 N 57 | 8 m 43 |
| 10S | 10804 | 7П21 | 49514 | 3 N 36 | 6 m/ 25 | 11803 | 8 I 16 | 5©10 | 4Ω37 | 7 m 32 | 12802 | 9П11 | 6906 | 5 N 38 | 8 mg 38 |
| 118 | 9856 | 7Д01 | 3950 | 3 17 | 6 m 20 | 10855 | 7Д56 | 4945 | 4Ω18 | 7 m 26 | 11854 | 8Д51 | 5941 | 5Ω19 | 8 m 33 |
| 12S 13S | 9848 9839 | 6П42 6П22 | 3©25 2©59 | 2 N 58 2 N 38 | 6 mp 14 6 mp 09 | 10847 10838 | 7II36 7II17 | 4 ඉ 20 3 ඉ 55 | 3 N 59 3 N 39 | 7 m, 21 7 m, 15 | 11845 11837 | 8Д31 8Д11 | 5916 4950 | 5Ω00 4Ω41 | 8 mg 28 8 mg 22 |
| 14S | 9831 | 6H02 | 2937 | 2018 | 6 mg 03 | 10830 | 6П57 | 3929 | 3 N 20 | 7 mg 10 | 11828 | 7Д51 | 4925 | 4Ω21 | 8 mg 17 |
| 15S | 9823 | 5П43 | 2508 | 1 | 5 m ₂ 57 | 10822 | 6П37 | 3ഇ03 | 2£159 | 7 m 04 | 11820 | 7Д31 | 3559 | 4Ω01 | 8 mp 12 |
| 16S | 9815 | 5 II 23 | 19942 | 1ω37 | 5 m ₂ 5 7 | 10813 | 6П17 | 2937 | 2039 | 6 m 59 | 11811 | 7Д11 | 3933 | 3 N 41 | 8 mg 06 |
| 17S | 9807 | 5II 03 | 1516 | 1 Q 16 | 5 m 45 | 10805 | 5II 57 | 2911 | 2 N 18 | 6 m 53 | 11803 | 6Д51 | 3907 | 3 № 20 | 8 m 01 |
| 18S | 8858 | 4 II 43 | 0949 | 0£55 | 5 m 39 | 9856 | 5П37 | 19944 | 1.057 | 6 m 47 | 10854 | 6Д31 | 2940 | 2259 | 7 m 55 |
| 19S | 8850 | 4II 23 | 0922 | 0£33 | 5 m 32 | 9848 | 5II17 | 19518 | 1 2 3 5 | 6 m 41 | 10846 | 6П11 | 2513 | 2.038 | 7 mg 49 |
| 20S 21S | 8842 8833 | 4 II 03 3 II 43 | 29 II 55 29 II 28 | 0 പ 11 29 ഇ 48 | 5 m/26 5 m/19 | 9 8 39 | 4II 57 4II 36 | 0ණ50 0ණ23 | 1 | 6 mg 35 | 10837 10828 | 5Ц50 5Ц29 | 19546 19518 | 2 N 16 1 N 53 | 7 m 43 7 m 37 |
| 21S 22S | 8 8 33 | 3 II 43 3 II 22 | 29 II 28 29 II 00 | 29©48 29©25 | 5 mg 19 5 mg 13 | 9831 | 4 II 36 4 II 15 | 0 to 23 | 0 £250 0 £27 | 6 mg 28 | 10828 | 5 II 29 5 II 09 |) වෙදු වන 18 | 1 Ω 30 | 7 mp 3 / 7 mp 3 1 |
| 23S | 8816 | 3 II 01 | 28 I I31 | 29501 | 5 m 06 | 9813 | 3П54 | 29 II 26 | 0Ω04 | 6 mg 15 | 10810 | 4 I 148 | 0921 | 1 207 | 7 m 25 |
| 24S | 8808 | 2П41 | 28П03 | 28937 | 4 m 59 | 9805 | 3Д33 | 28П57 | 29940 | 6 m/08 | 10801 | 4П26 | 29П52 | 0ብ43 | 7 mg 19 |
| 25S | 7 8 59 | 2П20 | 27П34 | 28912 | 4 m, 51 | 8856 | 3п12 | 28П28 | 29ഇ15 | 6 mg 02 | 9852 | 4 I I05 | 29П23 | 0Ω18 | 7 mg 12 |
| 26S | 7850 | 1Д58 | 27II 04 | 275346 | 4 m/44 | 8847 | 2П51 | 27II58 | 28\$50 | 5 m 54 | 9843 | 3 Д 43 | 28П53 | 29\$53 | 7 m 05 |
| 27S | 7841 | 1 II 37 | 26 II 34 | 27520 | 4 m 36 | 8838 | 2 11 29 | 27 II 28 26 II 58 | 28©24 27©57 | 5 m 47 | 9834 9825 | 3 Д 21 | 28 II 23 27 II 52 | 29527 | 6 m 58 |
| 28S 29S | 7832 7823 | 0Д53 | 26 II 03 25 II 32 | 26©53 26©26 | 4 m/29 4 m/21 | 8828 8819 | 2 II 07 1 II 45 | 26 II 26 | 27930 | 5 m/ 40 5 m/ 32 | 9815 | 2П59 2П37 | 27 II 32 27 II 21 | 29©01 28©34 | 6 mp 51 6 mp 44 |
| 30S | 7814 | 0Д33 | 25 II 00 | 25958 | 4 m 12 | 8810 | 1 Д 13 | 25 II 54 | 279901 | 5 m/ 24 | 9806 | 2Д14 | 26 I I49 | 28906 | 6 mg 36 |
| 31S | 7805 | 0Д31 | 24 II 28 | 25938 | 4 m) 04 | 8800 | 1 11 00 | 25 II 22 | 26932 | 5 mg 16 | 8856 | 1 Д 51 | 26 II 16 | 27937 | 6 mg 28 |
| 32S | 6855 | 29846 | 23 Ⅲ 55 | 24©59 | 3 m 55 | 7851 | 0П37 | 24 II 49 | 26903 | 5 m 07 | 8846 | 1 Д 28 | 25 11 43 | 27ഇ07 | 6 m/20 |
| 33S | 6846 | 29822 | 23 П 22 | 24528 | 3 m 46 | 7841 | 0П13 | 24 П 15 | 25932 | 4 m 59 | 8836 | 1 п 04 | 25 Д 09 | 26537 | 6 m 12 |
| 34S | 6836 | 28859 | 22 II 47 | 23\$56 | 3 m, 36 | 7831 | 29850 | 23 II 41 | 25©00 | 4 m, 50 | 8826 | 0П40 | 24П34 | 26905 | 6 mg 03 |
| 35S | 6826 | 28835 | 22 II 13 | 23@23 | 3 m 27 | 7821 | 29825 | 23 II 05 | 24927 | 4 m 40 | 8816 | 0П16 | 23 Д 59 | 25932 | 5 m 54 |
| 36S 37S | 6816 6806 | 28 8 11 27 8 46 | 21 II 37 21 II 00 | 22©49 22©14 | 3 mp 17 3 mp 06 | 7811 7800 | 29 8 01 28 8 36 | 22 II 29 21 II 53 | 23©54 23©18 | 4 m 31 4 m 21 | 8 8 05 7 8 54 | 29 8 51 29 8 26 | 23 II 22 22 II 45 | 24©58 24©23 | 5 mg 45 5 mg 35 |
| 38S | | 27821 | | 21938 | 2 m/ 55 | | | 21 II 15 | 1 | 4 mg 10 | | | 22 II 07 | - | 5 mg 25 |
| 39S | 5 8 45 | 26856 | 19П45 | 21 ഇ00 | 2 m/44 | 6839 | 27845 | 20П36 | 22©04 | 3 m 59 | 7832 | 28834 | 21 Д28 | 23©10 | 5 m, 15 |
| 40S | 5 8 34 | 26830 | 19П05 | 20ഇ21 | 2 m/32 | 6828 | 27819 | 19П57 | 21 5 25 | 3 m 48 | 7821 | 28808 | 20П48 | 22530 | 5 mg 04 |
| 41S | 5823 | 26803 | 18П25 | 19940 | 2 m/20 | 6816 | 26852 | 19П16 | 20945 | 3 mg 36 | 7810 | 27840 | 20П08 | 21950 | 4 m/ 53 |
| 42S | 5812 | 25836 | 17II 44 | 18958 | 2 m 07 | 6805 | 26824 | 18II35 | 20502 | 3 m 24 | 6858 | 27813 | 19 11 26 | 21508 | 4 m 41 |
| 43S 44S | 5800 4848 | 25 8 09 24 8 40 | 17II 02 16II 18 | 18©14 17©28 | 1 m ₂ 53 1 m ₂ 39 | 5853 5841 | 25856 25828 | 17П52 17П08 | 19©18 18©33 | 3 mg 11 2 mg 57 | 6846 6833 | 26 8 44 26 8 16 | 18П42 17П58 | 20©24 19©38 | 4 m/28 4 m/15 |
| 45S | 4836 | 24812 | 15 II 33 | 16940 | 1 m ₂ 24 | 5828 | 24859 | 16 Д 23 | 17945 | 2 m/ 43 | 6821 | 25846 | 17 I I30 | 18950 | 4 m ₂ 02 |
| 43S 46S | 4824 | 23842 | 13 Д 33 | 15951 | 1 mg 24 | 5816 | 24829 | 15 II 36 | 16955 | 2 m/ 28 | 6808 | 25816 | 16Д26 | 17959 | 3 mg 47 |
| 47S | 4811 | 23812 | 14 I I00 | 14958 | 0 m 52 | 5 8 03 | 23858 | 14П49 | 16©02 | 2 m/12 | 5 8 55 | 24845 | 15Д37 | 17907 | 3 m 32 |
| 48S | 3858 | 22841 | 13 II 11 | 14904 | 0 m 35 | 4849 | 23827 | 13 Д 59 | 15907 | 1 m 55 | 5841 | 24813 | 14 II 47 | 16912 | 3 m 16 |
| 49S | 3845 | 22809 | 12П21 | 13907 | 0 mg 16 | 4836 | 22855 | 13 Д 09 | 14910 | 1 m 37 | 5827 | 23840 | 13 11 56 | 15©14 | 2 m 59 |
| 50S | 3831 | 21837 | 11 Д 29 | 12507 | 29 257 | 4822 | 22822 | 12 II 16 | 135510 | 1 m 18 | 5812 | 23807 | 13 II 03 | 14513 | 2 m 41 |
| 51S 52S | 3817 3802 | 21804 20829 | 10П36 9П41 | 11©03 9©57 | 29Ω36 29Ω14 | 4807 3852 | 21848 21813 | 11 П 22 10 П 26 | 12©06 10©59 | 0 m/ 58 0 m/ 37 | 4858 4842 | 22833 21857 | 12 II 08 11 II 12 | 13©09 12©02 | 2 m/22 2 m/01 |
| 53S | 2847 | 19854 | 8П44 | 8947 | 28250 | 3837 | 20838 | 9П28 | 9549 | 0 mg 14 | 4826 | 21821 | 10 Д 13 | 10951 | 1 m/ 39 |
| 54S | 2831 | 19818 | 7П45 | 7ഇ34 | 28£24 | 3821 | 20801 | 8П29 | 8গু34 | 29 û 49 | 4810 | 20844 | 9п13 | 9ള36 | 1 m, 15 |
| 55S | 2815 | 18840 | 6Ц44 | 6© 16 | 27£57 | 3804 | 19823 | 7п27 | 7ഇ16 | 29 23 | 3853 | 20805 | 8п10 | 8গু17 | 0 mp 50 |
| 56S | 1858 | 18802 | 5II41 | 4954 | 27.0.27 | 2847 | 18844 | 6П23 | 5953 | 28254 | 3836 | 19826 | 7 I I05 | 6953 | 0 m 22 |
| 57S | 1841 | 17822 | 4Π35 | 3927 | 26 N 55 | 2829 | 18803 | 5Π17 | 4925 2952 | 28 \Q 23 | 3818 | 18845 | 5 Π 58 | 5924 3950 | 29 252 |
| 58S 59S | 1823 1804 | 16 8 41 15 8 58 | 3П28 2П18 | 1 ඉ 55 0 ඉ 18 | 26Ω20 25Ω42 | 2811 1852 | 17822 16838 | 4П08 2П57 | 2©52 1©13 | 27Ω50 27Ω13 | 2859 2839 | 18 8 02 17 8 18 | 4П49 3П36 | 3950 2910 | 29Ω20 28Ω44 |
| 60S | 0845 | 15815 | 1 II 05 | 28 II 34 | 25 Ω 00 | 1832 | 15854 | 1 II 43 | 29П28 | 26.032 | 2819 | 16833 | 2П22 | 0 9 2 3 | 28 \(\O 05 \) |
| 61S | 0825 | 14829 | 29849 | 26 II 45 | 238700 24Ω14 | 1811 | 15808 | 0П27 | 27 Д 37 | 25 Ω 48 | 1858 | 15846 | 1 II 04 | 28 II 31 | 28803 $27\Omega 22$ |
| 62S | 0804 | 13842 | 28831 | 24П49 | 23 23 | 0849 | 14820 | 29807 | 25 Д 39 | 24 \$\alpha\$ 58 | 1835 | 14858 | 29843 | 26П30 | 26 235 |
| 63S | 29Υ41 | 12853 | 27810 | 22П45 | 22 \Omega 27 | 0827 | 13830 | 27845 | 23 Д 34 | 24 \Q 03 | 1812 | 14807 | 28819 | 24 Д23 | 25 Ω 41 |
| 64S | 29 ⋎ 18 | 12802 | 25846 | 20П34 | 21 \Omega23 | 0803 | 12839 | 26819 | 21 Д20 | 23 20 01 | 0848 | 13815 | 26852 | 22 п 07 | 24⋒41 |
| 65S | 28 Y 54 | 11810 | 24818 | 18 I I16 | 20211 | 29 ℃ 38 | 11845 | 24850 | 18耳59 | 21 20 51 | 0823 | 12820 | 25822 | 19П43 | 23 23 33 |
| 66S | 28Υ29 28Υ14 | 10 8 15 9 8 43 | 22 8 47 21 8 55 | 15 II 49 14 II 23 | 18Ω49 17Ω59 | 29 Y 12 28 Y 57 | 10849 10817 | 23 8 17 22 8 24 | 16П29 15П01 | 20Ω32 19Ω42 | 29 \gamma 56 29 \gamma 40 | 11824 10851 | 23 8 48 22 8 53 | 17 II 10 15 II 40 | 22Ω16 21Ω27 |
| pc | 20 1 14 | 7043 | 21000 | 14Д23 | 1/8639 | 2013/ | 1001/ | 22 O 24 | 19Щ01 | 178642 | <u> </u> | 10031 | 22033 | 15Д40 | 21062/ |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 8m AR 202'38 | CMC: 12 | 2°00' | Sid.Tir MC: | | 2m AR '07'27 | MC: 13 | 3°00' | Sid.Tir MC: | ne: 0h50 15Υ | 6m AR 12'11 | MC: 14 | l°00' |
|------------|----------------|-------------------------------|----------------------------------|--------------------------------|----------------------|----------------------------------|--|--------------------------------|------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 14827 | 13П24 | 11502 | 9ຄ33 | 10 m, 29 | 15827 | 14 I I19 | 11957 | 10Ω32 | 11 mg 34 | 16827 | 15П15 | 12953 | 11 ຄ32 | 12 m/38 |
| 1S | 14818 | 13 П 04 | 10538 | 9Ω17 | 10 m 25 | 15819 | 13 Д 59 | 11534 | 10Ω16 | 11 m 30 | 16818 | 14П55 | 12529 | 11Ω16 | 12 m 34 |
| 2S 3S | 14810 14801 | 12 II 44 12 II 24 | 10©14 9©51 | 9 ຄ 0 0 8 ຄ 4 3 | 10 mp 21 10 mp 16 | 15 8 10 | 13 II 39 13 II 20 | 11©10 10©46 | 10Ω00 9Ω43 | 11 m/26 11 m/21 | 16 8 10 | 14II35 14II15 | 12©06 11©42 | 10Ω59 10Ω43 | 12 m 30 12 m 26 |
| | 13853 | 12 II 24 12 II 04 | 9931 | 8£26 | 10 mg 10 | 14852 | 13 II 20 13 II 00 | 10940 | 98243 9A26 | 11 mg 21 | 15852 | 13 Д 55 | 119942 | 10 Ω 26 | 12 m/ 20 |
| | 13844 | 11 Д 44 | 9903 | 8£09 | 10 m ₂ 07 | 14843 | 12П40 | 9559 | 9Ω09 | 11 m ₂ 13 | 15843 | 13 ДЗ5 | 10ഇ55 | 10 ຄ 10 | 12 mp 18 |
| 6S | 13835 | 11 Д 25 | 8939 | 7£51 | 10 mg 03 | 14835 | 12 II 20 | 9935 | 8£52 | 11 mg 09 | 15834 | 13 II 15 | 10@31 | 9⋒53 | 12 mg 14 |
| 7S | 13827 | 11 Д 05 | 8গু15 | 7 . 034 | 9 m, 58 | 14826 | 12п00 | 9ഇ11 | 8 Ω 34 | 11 mg 04 | 15825 | 12 Д 55 | 10ഇ06 | 9ຄ35 | 12 mg 10 |
| 8S 9S | 13 8 18 | 10 II 45 10 II 25 | 7950 7926 | 7Ω16 | 9 m, 54 9 m, 49 | 14817 14809 | 11 II 40 11 II 20 | 8 ୭ 46 8 ୭ 22 | 8 N 17 7 N 59 | 11 m ₂ 00 10 m ₂ 55 | 15 8 16 15 8 07 | 12 II 35 12 II 15 | 9 9 42 | 9A18 9A00 | 12 mp 06 12 mp 02 |
| 108 | 13801 | 101123 | 7901 7901 | 6Ω58 6Ω39 | 9 mp 44 | 14800 | 11 11 11 11 11 11 11 11 11 11 11 11 11 | 7957 | 7 . 639 | 10 mg 51 | | 11 II 55 | 8953 | 8 N 42 | 12 my 58 |
| | 12853 | 9П46 | 6936 | 6Ω21 | 9 mg 44 | 13851 | 10 I I41 | 7937 7932 | 78241 7822 | 10 mg 46 | 14859 14850 | 11 Д 35 | 8928 | 8 N 24 | 11 mp 53 |
| | 12844 | 9П26 | 6୭11 | 6£02 | 9 m 35 | 13842 | 10П20 | 7907 | 7Ω04 | 10 mg 42 | 14841 | 11 п 15 | 8903 | 8£06 | 11 mg 49 |
| 138 | 12835 | 9П06 | 5946 | 5 N 43 | 9 m 30 | 13834 | 10 Д 00 | 6942 | 6Ω45 | 10 m 37 | 14832 | 10 Д 55 | 7938 | 7 N 47 | 11 m 45 |
| | 12827 | 8П46 | 5920 | 5 N 23 | 9 m, 25 | 13825 | 9П40 | 6©16 | 6£25 | 10 m 32 | 14823 | 10П35 | 7912 | 7 N 28 | 11 m/40 |
| 15S 16S | 12818 12809 | 8II 26 8II 06 | 4955 4929 | 5Ω03 4Ω43 | 9 mg 20 9 mg 14 | 13 8 16 13 8 07 | 9П20 9П00 | 5950 5924 | 6Ω06 5Ω46 | 10 m/27 10 m/23 | 14814 14805 | 10П14 9П54 | 6 9 46 6 9 20 | 7Ω09 6Ω49 | 11 mp 36 11 mp 31 |
| | 12809 | 7П45 | 49029 4902 | 48143 4Ω23 | 9 mg 14 9 mg 09 | 12858 | 8П39 | 39924 4958 | 5 Ω 26 | 10 mg 23 | 13856 | 9Д34 | 5 5 5 5 5 5 | 6 N 29 | 11 m/26 |
| 18S | 11852 | 7П25 | 3535 | 4£02 | 9 m 04 | 12850 | 8 I 19 | 4931 | 5 Q 05 | 10 mg 12 | 13847 | 9П13 | 5927 | 6A08 | 11 m/21 |
| | 11843 | 7П04 | 3908 | 3 € 40 | 8 m, 58 | 12841 | 7П58 | 4গু04 | 4Ω44 | 10 mg 07 | 13838 | 8П52 | 5ഇ00 | 5 A 47 | 11 mg 16 |
| 20S | 11834 | 6II 44 | 2541 | 3Ω19 | 8 m 53 | 12832 | 7II37 | 3537 | 4022 | 10 m 02 | 13829 | 8II31 | 4932 | 5 A 26 | 11 mg 11 |
| 21S 22S | 11825 11816 | 6П23 6П02 | 2©13 1©45 | 2Ω57 2Ω34 | 8 mp 47 8 mp 41 | 12 8 22 12 8 13 | 7П16 6П55 | 3©09 2©41 | 4Ω00 3Ω38 | 9 mg 56 9 mg 51 | 13 8 19 | 8 II 10 7 II 48 | 4905 3936 | 5Ω04 4Ω42 | 11 mg 06 11 mg 01 |
| | 11807 | 5 I I41 | 19943 | 2 <i>8</i> ι34 | 8 m/ 35 | 12804 | 6Д34 | 2512 | 3 N 15 | 9 m 45 | 13801 | 7 II 48 7 II 27 | 3930 | 4 <i>α</i> 19 | 10 m 56 |
| 24S | 10858 | 5П19 | 0947 | 1 ₪ 47 | 8 m, 29 | 11855 | 6П12 | 1 5 4 3 | 2£51 | 9 mg 39 | 12851 | 7 I I05 | 2938 | 3 ௳ 55 | 10 m/50 |
| 25S | 10849 | 4II58 | 0ഇ18 | 1 ຄ 22 | 8 m/ 23 | 11845 | 5П50 | 1୭13 | 2⋒27 | 9 m/ 33 | 12842 | 6П43 | 2ഇ09 | 3 a 31 | 10 mg 44 |
| 26S 27S | 10840 10830 | 4II 36 4II 14 | 29 II 48 29 II 18 | 0Ω57 0Ω32 | 8 mp 16 8 mp 09 | 11836 11826 | 5 II 28 | 0 9 43 0 9 13 | 2 N 02 1 N 36 | 9 m 27 | 12832 12822 | 6П21 | 1539 | 3Ω07 2Ω42 | 10 mp 39 10 mp 33 |
| 27S 28S | 10821 | 3II51 | 29 II 18 28 II 47 | 08132 0Ω05 | 8 mg 03 | 11817 | 5 II 06 4 II 43 | 29 II 41 | 18136 | 9 mg 21 9 mg 14 | 12822 | 5 II 58 5 II 35 | 1න08 0න37 | 28142 2Ω16 | 10 tg 33 |
| | 10811 | 3П29 | 28П15 | 29@38 | 7 m 56 | 11807 | 4Π21 | 29П10 | 0 ຄ 43 | 9 m 08 | 12802 | 5П12 | 0005 | 1 2 49 | 10 m/20 |
| 30S | 10801 | 3П06 | 27П43 | 29ഇ10 | 7 mp 48 | 10857 | 3П57 | 28П37 | 0 Ω 16 | 9 mg 01 | 11852 | 4П49 | 29П32 | 1 ຄ21 | 10 mg 14 |
| 318 | 9851 | 2П43 | 27 II 10 | 28542 | 7 m 41 | 10847 | 3П34 | 28П04 | 29547 | 8 m 54 | 11842 | 4II25 | 28П59 | 0 A 53 | 10 m 07 |
| 32S 33S | 9841 9831 | 2 II 19 1 II 55 | 26 II 37 26 II 02 | 28©12 27©42 | 7 m ₂ 33 | 10836 10826 | 3 II 10 2 II 46 | 27 II 31 26 II 56 | 29©18 28©47 | 8 mg 46 8 mg 39 | 11831 11821 | 4II01 3II37 | 28 II 25 27 II 51 | 0 ຄ 24 29 ອ 53 | 10 mg 00 9 mg 53 |
| 34S | 9821 | 1 Д 33 | 25 II 28 | 279510 | 7 m, 17 | 10815 | 2П22 | 26 II 21 | 28516 | 8 mg 31 | 11810 | 3 II 12 | 27 II 31 | 29@22 | 9 m 45 |
| 35S | 9810 | 1п06 | 24П52 | 26ഇ38 | 7 m ₂ 08 | 10805 | 1П57 | 25П45 | 275644 | 8 mg 23 | 10859 | 2П47 | 26П39 | 28950 | 9 mp 38 |
| 36S | 8859 | 0П41 | 24II15 | 26©04 | 7 m 00 | 9854 | 1П31 | 25 II 09 | 27ഇ10 | 8 mg 15 | 10848 | 2П22 | 26II02 | 28517 | 9 m 30 |
| 37S 38S | 8849 8837 | 0II16 | 23 II 38 23 II 00 | 25©29 24©53 | 6 m 50 | 9843 9831 | 11106 | 24 II 31 23 II 53 | 26935 | 8 mg 06 | 10837 10825 | 1 II 56 | 25 II 24 24 II 46 | 27©42 27©06 | 9 m 22 |
| 39S | 8826 | 29823 | 23 H 00 22 H 21 | 24933 24935 | 6 mp 41 6 mp 31 | 9820 | 0Д40 | 23 II 33 23 II 13 | 25939 | 7 mg 47 | 10823 | 1 п 29 | 24 II 46 24 II 06 | 26 26 26 26 26 | 9 mp 13 9 mp 04 |
| 40S | 8815 | 28857 | 21 П 40 | 23@36 | 6 mg 21 | 9808 | 29846 | 22 П 33 | 249643 | 7 m ₂ 37 | 10802 | 0П35 | 23 11 25 | 25@50 | 8 mp 55 |
| 41S | 8803 | 28829 | 20耳59 | 22556 | 6 mg 10 | 8856 | 29818 | 21 II 51 | 24502 | 7 mg 27 | 9849 | 0П07 | 22 II 43 | 25909 | 8 m 45 |
| 42S | 7851 | 28801 | 20П17 | 22@13 | 5 m 58 | 8844 | 28849 | 21 п 08 | 23\$20 | 7 m 16 | 9837 | 29838 | 22П00 | 24527 | 8 m/ 35 |
| 43S 44S | 7839 7826 | 27832 27803 | 19П33 18П49 | 21©29 20©43 | 5 m/ 47 5 m/ 34 | 8831 8818 | 28 8 20 27 8 51 | 20П24 19П39 | 22©36 21©50 | 7 m ₂ 05 6 m ₂ 53 | 9824 9811 | 29809 28839 | 21 II 16 20 II 30 | 23 5 43 22 5 5 7 | 8 mg 24 8 mg 13 |
| 45S | 7813 | 26833 | 18 I I03 | 19955 | 5 m ₂ 21 | 8805 | 27821 | 18 Д 53 | 21930 | 6 mg 41 | 8857 | 28808 | 19П43 | 22509 | 8 mp 01 |
| 46S | 7800 | 26803 | 17 II 15 | 19933 | 5 m, 07 | 7852 | 26850 | 18II 05 | 20911 | 6 m/ 28 | 8844 | 27837 | 18II55 | 21 5 18 | 7 mg 48 |
| 47S | 6846 | 25831 | 16П26 | 18©12 | 4 m/ 53 | 7 8 38 | 26818 | 17П16 | 19518 | 6 mg 14 | 8830 | 27804 | 18П05 | 20@25 | 7 m 35 |
| 48S 49S | 6832 6818 | 24859 24826 | 15 II 36 14 II 44 | 17©17 16©19 | 4 m/ 37 4 m/ 21 | 7824 7809 | 25 8 45 25 8 12 | 16 II 25 15 II 32 | 18©23 17©25 | 5 m 59 5 m 44 | 8815 8800 | 26 8 31 25 8 58 | 17П14 16П21 | 19 © 30 | 7 mg 21 7 mg 07 |
| | | | | | 4 m 04 | | 24837 | | | | | 25823 | | 17529 | |
| 50S 51S | 6803 5848 | 23 8 52 23 8 17 | 13 II 50 12 II 55 | 15©18 14©14 | 3 mg 45 | 6854 6839 | 24837 | 14 II 38 13 II 42 | 16©23 15©19 | 5 m/ 27 5 m/ 10 | 7845 7829 | 25823 | 15П26 14П29 | 1/9529 | 6 mp 51 6 mp 34 |
| 52S | 5 8 32 | 22842 | 11Д58 | 13ഇ06 | 3 m 26 | 6823 | 23826 | 12П44 | 14510 | 4 m/ 51 | 7 8 13 | 24810 | 13 II 30 | 15©16 | 6 mg 16 |
| 53S | 5816 | 22805 | 10 II 59 | 11954 | 3 m 04 | 6806 | 22849 | 11 Д 44 | 12558 | 4 m 31 | 6856 | 23832 | 12 II 30 | 14503 | 5 m 57 |
| 54S | 5800 | 21827 | 9П57 | 10539 | 2 m/42 | 5849 | 22810 | 10 11 42 | 115642 | 4 m 09 | 6838 | 22853 | 11 11 27 | 12546 | 5 m 37 |
| 55S 56S | 4842 4824 | 20848 20808 | 8П54 7П48 | 9 © 19 7 © 54 | 2 m, 17 1 m, 51 | 5831 5813 | 21831 20850 | 9П38 8П31 | 10©21 8©56 | 3 m/46 3 m/20 | 6820 6802 | 22 8 13 21 8 32 | 10П22 9П14 | 11©25 9©58 | 5 mg 14 4 mg 50 |
| 57S | 4806 | 19826 | 6 I I40 | 6 9 24 | 1 m/ 22 | 4854 | 20830 | 7H22 | 7 9 25 | 2 m 53 | 5842 | 20849 | 8П04 | 8927 | 4 m/ 24 |
| 58S | 3847 | 18843 | 5П29 | 4949 | 0 m 51 | 4834 | 19824 | 6п10 | 5948 | 2 m/ 23 | 5822 | 20805 | 6II51 | 6949 | 3 m 56 |
| 598 | 3827 | 17859 | 4п16 | 3907 | 0 m, 17 | 4814 | 18839 | 4П56 | 4905 | 1 m 50 | 5801 | 19819 | 5П36 | 5905 | 3 m/ 25 |
| 60S | 3806 | 17812 16825 | 3 II 00 | 1©19 29∏25 | 29 N 39 28 N 58 | 3853 | 17852 17803 | 3П39 2П18 | 2©16 0©20 | 1 m 14 | 4840 | 18 8 31 17 8 42 | 4Π17 | 3©14 1©15 | 2 m 50 2 m 12 |
| 61S 62S | 2844 2821 | 15835 | 1П41 0П19 | 29 II 25 27 II 22 | 281138 28 N 12 | 3830 3807 | 16813 | 2Д18 0Д55 | 28 II 15 | 0 m 35 29 Ω 50 | 4817 3853 | 16851 | 2II56 1II31 | 29耳09 | 2 mp 12 1 mp 30 |
| 63S | 1858 | 14844 | 28854 | 25 Д 13 | 27£20 | 2843 | 15821 | 29829 | 26耳03 | 29⋒01 | 3828 | 15858 | 0П03 | 26 II 54 | 0 m 43 |
| 64S | 1833 | 13851 | 27825 | 22 П 54 | 26 N 22 | 2818 | 14827 | 27859 | 23 11 42 | 28205 | 3802 | 15803 | 28832 | 24П31 | 29 € 49 |
| 65S | 1807 | 12856 | 25853 | 20 II 27 | 25 \Omega 17 | 1851 | 13831 | 26825 | 21 11 12 | 27 \O 10 | 2835 | 14806 | 26857 | 21 Д 58 | 28 \(\Omega 48 \) |
| 66S | 0839 | 11858 11825 | 24 8 18 23 8 23 | 17Д51 16Д20 | 24Ω02 23Ω15 | 1823 1807 | 12 8 32 11 8 58 | 24848 23852 | 18耳33 17耳00 | 25 Ω 49 25 Ω 04 | 2806 1850 | 13 8 07 12 8 32 | 25 8 18 24 8 21 | 19 II 15 17 II 40 | 27Ω39 26Ω55 |
| pc | 0823 | | | | | | | | | | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 0m AR | MC: 15 | °00' | Sid.Tir MC: | | 4m AR 21'21 | MC: 16 | 5°00' | Sid.Tit MC: | ne: 1h08 | 8m AR 25'46 | RMC: 17 | ′°00' |
|---------------------------------|---|---|--|---|---|---|---|--|---|---|---|---|--|---|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 17827 | 16П11 | 13@48 | 12.032 | 13 m 43 | 18827 | 17П06 | 14©44 | 13 \alpha 32 | 14 m 47 | 19827 | 18 П 02 | 15©40 | 14 \alpha 32 | 15 m 52 |
| 1S | 17818 | 15П51 | 13@25 | 12.016 | 13 m 39 | 18818 | 16П46 | 14©21 | 13 \alpha 16 | 14 m 44 | 19817 | 17 П 42 | 15©16 | 14 \alpha 16 | 15 m 49 |
| 2S | 17809 | 15П31 | 13@01 | 12.000 | 13 m 35 | 18809 | 16П26 | 13©57 | 13 \alpha 00 | 14 m 40 | 19808 | 17 П 21 | 14©53 | 14 \alpha 00 | 15 m 46 |
| 3S | 17800 | 15П10 | 12@38 | 11.043 | 13 m 32 | 17859 | 16П06 | 13©34 | 12 \alpha 44 | 14 m 37 | 18858 | 17 П 01 | 14©30 | 13 \alpha 45 | 15 m 42 |
| 4S | 16851 | 14П50 | 12@14 | 11.027 | 13 m 28 | 17850 | 15П46 | 13©10 | 12 \alpha 28 | 14 m 34 | 18849 | 16 П 41 | 14©06 | 13 \alpha 29 | 15 m 39 |
| 5S | 16842 | 14 II 30 | 11©50 | 11 \alpha 10 | 13 m 24 | 17841 | 15 II 26 | 12@46 | 12Ω11 | 14 m 30 | 18840 | 16 II 21 | 13@43 | 13 \Quad 13 | 15 m 36 |
| 6S | 16833 | 14 II 10 | 11©27 | 10 \alpha 54 | 13 m 20 | 17832 | 15 II 06 | 12@23 | 11Ω55 | 14 m 26 | 18831 | 16 II 01 | 13@19 | 12 \Quad 56 | 15 m 33 |
| 7S | 16824 | 13 II 50 | 11©02 | 10 \alpha 37 | 13 m 17 | 17823 | 14 II 45 | 11@59 | 11Ω38 | 14 m 23 | 18821 | 15 II 40 | 12@55 | 12 \Quad 40 | 15 m 29 |
| 8S | 16815 | 13 II 30 | 10©38 | 10 \alpha 19 | 13 m 13 | 17814 | 14 II 25 | 11@34 | 11Ω21 | 14 m 19 | 18812 | 15 II 20 | 12@31 | 12 \Quad 23 | 15 m 26 |
| 9S | 16806 | 13 II 10 | 10©14 | 10 \alpha 02 | 13 m 09 | 17805 | 14 II 05 | 11@10 | 11Ω04 | 14 m 15 | 18803 | 15 II 00 | 12@06 | 12 \Quad 06 | 15 m 22 |
| 10S | 15857 | 12 Д 50 | 9549 | 9 \(0.44 \) 9 \(0.26 \) 9 \(0.08 \) 8 \(0.50 \) 8 \(0.31 \) | 13 m 05 | 16855 | 13 П 45 | 10@45 | 10 \alpha 46 | 14 m 12 | 17854 | 14 Д 40 | 11@42 | 11 \Omega 49 | 15 m 19 |
| 11S | 15848 | 12 Д 30 | 9524 | | 13 m 01 | 16846 | 13 П 25 | 10@21 | 10 \alpha 29 | 14 m 08 | 17844 | 14 Д 19 | 11@17 | 11 \Omega 31 | 15 m 15 |
| 12S | 15839 | 12 Д 10 | 8559 | | 12 m 57 | 16837 | 13 П 04 | 9@56 | 10 \alpha 11 | 14 m 04 | 17835 | 13 Д 59 | 10@52 | 11 \Omega 14 | 15 m 12 |
| 13S | 15830 | 11 Д 49 | 8534 | | 12 m 52 | 16828 | 12 П 44 | 9@30 | 9 \alpha 52 | 14 m 00 | 17826 | 13 Д 38 | 10@27 | 10 \Omega 56 | 15 m 08 |
| 14S | 15821 | 11 Д 29 | 8508 | | 12 m 48 | 16819 | 12 П 23 | 9@05 | 9 \alpha 34 | 13 m 56 | 17816 | 13 Д 18 | 10@01 | 10 \Omega 37 | 15 m 04 |
| 15S | 15812 | 11 П 09 | 7942 | 8 \alpha 12 | 12 m 44 | 16810 | 12 П 03 | 8539 | 9215 | 13 m 52 | 17807 | 12 Д 57 | 9535 | 10 A 18 | 15 m 01 |
| 16S | 15803 | 10 П 48 | 7916 | 7 \alpha 52 | 12 m 39 | 16800 | 11 П 42 | 8513 | 8256 | 13 m 48 | 16858 | 12 Д 36 | 9509 | 9 A 59 | 14 m 57 |
| 17S | 14854 | 10 П 27 | 6950 | 7 \alpha 32 | 12 m 35 | 15851 | 11 П 21 | 7546 | 8236 | 13 m 44 | 16848 | 12 Д 15 | 8543 | 9 A 40 | 14 m 53 |
| 18S | 14844 | 10 П 06 | 6923 | 7 \alpha 12 | 12 m 30 | 15842 | 11 П 00 | 7519 | 8216 | 13 m 40 | 16839 | 11 Д 54 | 8516 | 9 A 20 | 14 m 49 |
| 19S | 14835 | 9 П 45 | 5956 | 6 \alpha 51 | 12 m 26 | 15832 | 10 П 39 | 6552 | 7255 | 13 m 35 | 16829 | 11 Д 33 | 7549 | 9 A 00 | 14 m 45 |
| 20S 21S 22S 23S 24S | 14826 14816 14807 13857 13848 | 9П24 9П03 8П41 8П20 7П58 | 5©28 5©00 4©32 4©03 3©34 | 6230 6208 524 524 5200 | 12 m 21 12 m 16 12 m 11 12 m 06 12 m 01 | 15823 15813 15803 14854 14844 | 10П18 9П56 9П35 9П13 8П51 | 6925 5957 5928 4959 4930 | 7 \(\Omega 34 \) 7 \(\Omega 13 \) 6 \(\Omega 51 \) 6 \(\Omega 29 \) 6 \(\Omega 06 \) | 13 m 31 13 m 26 13 m 22 13 m 17 13 m 12 | 16819 16810 16800 15850 15840 | 11 II 11 10 II 50 10 II 28 10 II 06 9 II 44 | 7©21 6©53 6©24 5©56 5©26 | 8 \(\Omega 39 \) 8 \(\Omega 18 \) 7 \(\Omega 56 \) 7 \(\Omega 34 \) 7 \(\Omega 11 \) | 14 m 41 14 m 37 14 m 32 14 m 28 14 m 23 |
| 25S 26S 27S 28S 29S | 13838 13828 13818 13808 12858 | 7П36 7П13 6П51 6П28 6П04 | 3504 2534 2503 1532 1500 | 4\Omega 37 4\Omega 12 3\Omega 47 3\Omega 21 2\Omega 55 | 11 m 56 11 m 50 11 m 44 11 m 39 11 m 33 | 14834 14824 14814 14804 13853 | 8 II 28 8 II 06 7 II 43 7 II 20 6 II 56 | 4900 3930 2959 2927 1955 | 5 \(\Omega 42 \) 5 \(\Omega 18 \) 4 \(\Omega 53 \) 4 \(\Omega 27 \) 4 \(\Omega 01 \) | 13 m 07 13 m 02 12 m 57 12 m 51 12 m 46 | 15830 15820 15810 14859 14849 | 9 П 21 8 П 58 8 П 35 8 П 12 7 П 48 | 4956 4926 3955 3923 2951 | 6 \(\Omega 48\) 6 \(\Omega 24\) 5 \(\Omega 59\) 5 \(\Omega 34\) 5 \(\Omega 08\) | 14 m 19 14 m 14 14 m 09 14 m 04 13 m 59 |
| 30S 31S 32S 33S 34S | 12848 12837 12826 12816 12805 | 5 II 41 5 II 17 4 II 53 4 II 28 4 II 03 | 0©27 29П54 29П20 28П45 28П10 | 2 \(\Omega 27 \) 1 \(\Omega 59 \) 1 \(\Omega 30 \) 1 \(\Omega 00 \) 0 \(\Omega 29 \) | 11 m 27 11 m 20 11 m 14 11 m 07 11 m 00 | 13843 13832 13821 13810 12859 | 6П33 6П09 5П44 5П19 4П54 | 1©23 0©49 0©15 29 II 40 29 II 04 | 3 \(\Omega 3 \) 3 \(\Omega 06 \) 2 \(\Omega 37 \) 2 \(\Omega 07 \) 1 \(\Omega 36 \) | 12 m 40 12 m 34 12 m 28 12 m 21 12 m 15 | 14838 14827 14816 14805 13854 | 7 II 24 7 II 00 6 II 36 6 II 10 5 II 45 | 2©18 1©45 1©10 0©35 29 II 59 | 4 \(\Omega 4 \) 13 \\ 3 \(\Omega 4 \) 3 \\ 3 \(\Omega 15 \) \\ 2 \(\Omega 44 \) | 13 m 53 13 m 48 13 m 42 13 m 36 13 m 30 |
| 35S | 11854 | 3 II 38 | 27 II 33 | 29©57 | 10 m 53 | 12848 | 4 II 28 | 28 II 28 | 1 a 05 | 12 m 08 | 13842 | 5 II 19 | 29 II 23 | 2 \Omega 13 | 13 m 24 |
| 36S | 11842 | 3 II 12 | 26 II 56 | 29©24 | 10 m 45 | 12836 | 4 II 02 | 27 II 50 | 0 a 31 | 12 m 01 | 13831 | 4 II 53 | 28 II 45 | 1 \Omega 40 | 13 m 17 |
| 37S | 11831 | 2 II 46 | 26 II 18 | 28©49 | 10 m 38 | 12825 | 3 II 36 | 27 II 12 | 29 s 57 | 11 m 54 | 13819 | 4 II 26 | 28 II 06 | 1 \Omega 06 | 13 m 10 |
| 38S | 11819 | 2 II 19 | 25 II 39 | 28©13 | 10 m 29 | 12813 | 3 II 09 | 26 II 33 | 29 s 21 | 11 m 46 | 13806 | 3 II 59 | 27 II 27 | 0 \Omega 30 | 13 m 03 |
| 39S | 11807 | 1 II 52 | 24 II 59 | 27©36 | 10 m 21 | 12801 | 2 II 41 | 25 II 52 | 28 s 44 | 11 m 38 | 12854 | 3 II 31 | 26 II 46 | 29 \omega 53 | 12 m 56 |
| 40S | 10855 | 1 II 24 | 24 II 18 | 26@57 | 10 m 12 | 11848 | 2 II 13 | 25 II 11 | 28©06 | 11 m 30 | 12841 | 3 II 02 | 26 II 04 | 29©15 | 12 m 48 |
| 41S | 10842 | 0 II 55 | 23 II 36 | 26@17 | 10 m 03 | 11835 | 1 II 44 | 24 II 28 | 27©25 | 11 m 21 | 12828 | 2 II 33 | 25 II 21 | 28©34 | 12 m 40 |
| 42S | 10830 | 0 II 26 | 22 II 52 | 25@35 | 9 m 53 | 11822 | 1 II 15 | 23 II 45 | 26©43 | 11 m 12 | 12815 | 2 II 04 | 24 II 37 | 27©52 | 12 m 31 |
| 43S | 10817 | 29 8 57 | 22 II 07 | 24@51 | 9 m 43 | 11809 | 0 II 45 | 22 II 59 | 25©59 | 11 m 03 | 12802 | 1 II 33 | 23 II 52 | 27©09 | 12 m 23 |
| 44S | 10803 | 29 8 26 | 21 II 21 | 24@05 | 9 m 33 | 10856 | 0 II 14 | 22 II 13 | 25©13 | 10 m 53 | 11848 | 1 II 02 | 23 II 05 | 26©23 | 12 m 13 |
| 45S | 9850 | 28855 | 20 II 34 | 23©16 | 9 m 21 | 10842 | 29843 | 21 II 25 | 24©25 | 10 m 42 | 11834 | 0П31 | 22 II 17 | 25 \$\sigma 35\$ 24 \$\sigma 44\$ 23 \$\sigma 51\$ 22 \$\sigma 55\$ 21 \$\sigma 56\$ | 12 m 04 |
| 46S | 9836 | 28824 | 19 II 45 | 22©26 | 9 m 10 | 10827 | 29811 | 20 II 36 | 23©35 | 10 m 31 | 11819 | 29858 | 21 II 27 | | 11 m 53 |
| 47S | 9821 | 27851 | 18 II 55 | 21©33 | 8 m 57 | 10813 | 28838 | 19 II 45 | 22©41 | 10 m 20 | 11804 | 29825 | 20 II 35 | | 11 m 42 |
| 48S | 9806 | 27818 | 18 II 03 | 20©37 | 8 m 44 | 9858 | 28804 | 18 II 53 | 21©46 | 10 m 07 | 10849 | 28850 | 19 II 42 | | 11 m 31 |
| 49S | 8851 | 26843 | 17 II 09 | 19©38 | 8 m 30 | 9842 | 27829 | 17 II 58 | 20©47 | 9 m 54 | 10833 | 28815 | 18 II 48 | | 11 m 18 |
| 50S | 8835 | 26808 | 16 II 14 | 18537 | 8 m 15 | 9826 | 26854 | 17 II 02 | 19545 | 9 m 40 | 10817 | 27839 | 17Д51 | 20@54 | 11 m 05 |
| 51S | 8819 | 25832 | 15 II 16 | 17531 | 8 m 00 | 9810 | 26817 | 16 II 04 | 18539 | 9 m 25 | 10800 | 27802 | 16Д52 | 19@48 | 10 m 51 |
| 52S | 8803 | 24855 | 14 II 17 | 16522 | 7 m 43 | 8853 | 25839 | 15 II 04 | 17530 | 9 m 09 | 9843 | 26824 | 15Д51 | 18@38 | 10 m 37 |
| 53S | 7846 | 24816 | 13 II 16 | 15509 | 7 m 25 | 8835 | 25800 | 14 II 02 | 16516 | 8 m 52 | 9825 | 25844 | 14Д48 | 17@24 | 10 m 21 |
| 54S | 7828 | 23837 | 12 II 12 | 13552 | 7 m 05 | 8817 | 24820 | 12 II 57 | 14558 | 8 m 34 | 9806 | 25804 | 13Д43 | 16@06 | 10 m 03 |
| 55S | 7809 | 22856 | 11 П 06 | 12@30 | 6 m 44 | 7858 | 23 8 3 9 | 11 Д 50 | 13@35 | 8 m 14 | 8847 | 24822 | 12 Д 35 | 14:042 | 9 m 45 |
| 56S | 6850 | 22814 | 9 П 57 | 11@02 | 6 m 21 | 7839 | 22 8 5 6 | 10 Д 41 | 12@07 | 7 m 53 | 8827 | 23838 | 11 Д 25 | 13:013 | 9 m 25 |
| 57S | 6831 | 21830 | 8 П 46 | 9@29 | 5 m 57 | 7819 | 22 8 1 2 | 9 Д 29 | 10@33 | 7 m 29 | 8807 | 22854 | 10 Д 12 | 11:038 | 9 m 03 |
| 58S | 6810 | 20845 | 7 П 33 | 7@50 | 5 m 30 | 6858 | 21 8 2 6 | 8 Д 14 | 8@53 | 7 m 04 | 7845 | 22807 | 8 Д 56 | 9:057 | 8 m 39 |
| 59S | 5849 | 19859 | 6 П 16 | 6@05 | 5 m 00 | 6836 | 20 8 3 9 | 6 Д 56 | 7@06 | 6 m 36 | 7823 | 21819 | 7 Д 37 | 8:009 | 8 m 13 |
| 60S | 5826 | 19811 | 4П56 | 4912 | 4 m 27 | 6813 | 19850 | 5 II 35 | 5512 | 6 m 05 | 7800 | 20830 | 6П15 | 6©13 | 7 m 44 |
| 61S | 5803 | 18821 | 3П34 | 2912 | 3 m 51 | 5850 | 19800 | 4 II 11 | 3510 | 5 m 31 | 6836 | 19838 | 4П49 | 4©09 | 7 m 12 |
| 62S | 4839 | 17829 | 2П08 | 0904 | 3 m 11 | 5825 | 18807 | 2 II 44 | 0559 | 4 m 53 | 6811 | 18845 | 3П21 | 1©56 | 6 m 36 |
| 63S | 4814 | 16835 | 0П38 | 271147 | 2 m 26 | 4859 | 17812 | 1 II 13 | 281140 | 4 m 10 | 5844 | 17849 | 1П48 | 29 II 34 | 5 m 55 |
| 64S | 3847 | 15839 | 29805 | 251120 | 1 m 35 | 4832 | 16816 | 29 8 39 | 26111 | 3 m 22 | 5817 | 16852 | 0П12 | 27 II 02 | 5 m 10 |
| 65S | 3819 | 14841 | 27829 | 22 II 44 | 0 m 37 | 4803 | 15817 | 28801 | 23 Д31 | 2 m 26 | 4848 | 15852 | 28833 | 24 II 19 | 4 m/18 |
| 66S | 2850 | 13841 | 25849 | 19 II 58 | 29 Ω 30 | 3834 | 14815 | 26819 | 20 Д42 | 1 m 23 | 4817 | 14849 | 26849 | 21 II 26 | 3 m/17 |
| pc | 2833 | 13806 | 24851 | 18 II 20 | 28 Ω 48 | 3816 | 13840 | 25820 | 19 Д02 | 0 m 43 | 3859 | 14813 | 25849 | 19 II 43 | 2 m/40 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| 398 13847 4120 27140 1203 14m14 14841 5110 28134 2.013 15m31 15834 6100 29129 3.024 408 13835 3152 26158 0.024 14m06 14828 4141 27152 1.035 15m25 15821 5131 28103 2.066 418 13821 3122 22115 29244 13m59 14814 4112 27108 0.055 15m18 15m07 5101 28103 2.066 428 13808 2152 25130 29202 13m51 14801 3141 26124 0.013 15m11 14853 4130 27117 1.025 438 12844 2122 24144 28219 13m43 13847 3110 25137 29230 15m03 14839 3159 26131 0.041 448 12840 1150 23157 27233 13m34 13832 21139 24150 28244 14m55 14824 3127 25143 29256 458 12841 0145 22118 25254 13m15 13803 11333 23110 27220 14m38 13854 21200 24102 28218 468 12841 0145 22118 25254 13m15 13803 11333 23110 27220 14m38 13854 2120 24m02 28218 478 11856 0112 21126 25201 13m05 12847 0159 22117 26212 14m29 13838 1146 23109 27224 488 11840 29237 20133 24205 12m55 12831 0123 21123 25261 14m19 13822 1110 22114 26228 508 11824 29201 19137 23206 12m43 12815 29847 20127 24211 14m08 13806 0134 21118 25229 508 11824 29251 18140 22224 12m31 11858 29810 19129 232515 13m57 12849 29856 20119 24227 518 10850 27847 17140 20258 12m18 11841 28832 18129 22208 13m45 12831 29818 19118 23220 528 10833 27808 16139 19248 12m91 11823 27853 17127 20258 13m35 12843 18115 222510 538 10814 26228 51335 51833 11m49 11804 27813 16122 19248 13m94 11844 26831 14815 222510 538 10814 26228 51335 51244 10m37 9443 24817 11138 33228 12m30 10853 22846 13138 16238 12301 12209 12301 12209 12301 12209 12209 12209 12205 12204 12209 12209 12209 12209 12209 12209 12209 12209 12209 12209 | ime: 1h16m 20\gamma34'1 | | | 3°00' | : 18°(| MC: 18 | MC: 18 | MC: 18 | : 18°00' | Sid.Ti MC: | | | MC: 19 |)°00' | Sid.Tir MC: | ne: 1h20 21Υ | 0m AR | MC: 20 |)°00' |
|---|----------------------------|---------|-----------------------|----------|---------|---------------|----------------|---------|-------------|---------------|-------|-------|--------------------|----------|----------------|-----------------|-------|----------------|--|
| SE 2004 S. 177 | 12 As | 11 | 3 | 3 | 2 | 2 | 2 | 2 | 2 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| Section Sect | 5 19用53 17១ | 21825 1 | m ₂ 57 2 | 16 m 57 | 232 1 | 15 ຄ 32 | 15 ຄ 32 | 15 ຄ 32 | 232 16 m | 21825 | 19П53 | 17531 | 16£32 | 18 mg 02 | 22824 | 20П48 | 18927 | 17£33 | 19 mp 07 |
| | | | _ | - | | | | | | | | | | | | | | | 19 m 04 |
| | | | | | | | | | | | | | | | | | | | 19 m 02 |
| 188 1893 1711 1493 14914 14914 1592 2021 1591 1592 1592 1593 1594 | | | | | | | | | | | | | | | | | | | 18 m 59 18 m 57 |
| 68 1962 1875 18425 13425 13425 18435 18435 18445 1 | | | | | | | | | ' | | | | | | | | | | 18 m 54 |
| 185 | | | | | | | | | | | | | | | 21826 | | | | 18 m 52 |
| 188 1890 18.75 18-90 18-90 18-90 18-95 | 8 17 I I30 145 | | | 16 m/36 | 1 242 | 13 ຄ 42 | 13 ຄ 42 | 13 ຄ 42 | 242 16 m | | | | | | | 18П25 | | | 18 m 49 |
| 105 18852 15114 12618 1243 16428 19430 16129 14528 14531 14531 14648 12431 1648 19431 14531 14628 14631 14648 14611 16413 19448 14612 16520 19451 15146 14641 14612 16520 14641 14612 16520 14641 14612 16520 14641 14612 16520 14641 14612 16520 14641 14612 16520 14641 14612 16520 14641 14612 16520 14641 14612 16520 14620 14641 14612 16520 14640 14641 14612 14640 14641 14612 14640 14641 | | | | | | | | | | | | | | | | | | | 18 m 46 |
| 185 1842 15114 12913 12943 16923 1946 16108 1520 14307 17931 20428 14703 14907 14907 14907 14918 1815 1815 14133 11042 11042 16105 16116 1941 15107 1420 14302 17932 20428 16143 13924 14124 14128 10583 14143 11023 14129 16166 19451 15107 1420 14124 17932 14133 14133 14148 16103 19411 15106 11545 14245 17932 20498 16101 12951 13409 15101 | | | | | | | | | | | | | | | | | | | 18 mg 44 |
| 188 1843 1413 11648 12417 16920 1943 15148 1245 13400 17928 20428 66742 13697 14407 1485 18414 14112 10658 1144 16913 19411 15106 1654 1245 17921 20490 16101 12651 13461 1685 1858 13410 10906 11404 16910 19402 14161 16900 14040 16900 14040 16900 18424 14112 10908 13109 16908 14040 16900 18424 14112 16913 14157 17945 13130 10906 14040 16900 18424 14101 16930 14140 17911 19490 14151 12631 12161 1885 17836 12148 9612 10405 15955 18823 13120 9620 14140 17911 19490 14151 12633 12161 1885 17836 12168 8645 10405 15955 18823 13120 9642 14100 17908 19490 14113 11693 12161 12162 12162 18452 14162 | | | | | | | | | | | | | | | | l | | | 18 m 41 |
| 188 1841 14112 1058 1419 1419 1058 1419 1511 1941 1510 1545 1414 14112 1058 1414 1415 1941 1510 1941 1510 1544 1415 | | | | | | | | | | | | | | | | | | | 18 mp 38 18 mp 36 |
| 145 145 14712 10958 | | I | | | | | | | | | | | | | | | | | 18 mg 33 |
| 168 1785 13130 10900 11404 16900 18842 14124 11902 12408 17915 1949 15118 12409 1313 1385 17856 12148 9912 10425 15858 18843 13142 10609 11430 17908 1949 14116 10639 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 10739 12416 1241 | | | | | | | | | | | | | | | | | | | 18 m/30 |
| 178 17845 13109 | 2 14 🛮 45 11 🥫 | 19802 1 | m ₀ 09 1 | 16 mp 09 | 222 1 | 11Ω22 | 11 <i>α</i> 22 | 11 ຄ 22 | 16 mg | 19802 | 14П45 | 11529 | 12 <i>&</i> 27 | 17 mp 18 | 19859 | 15П40 | 12©26 | 13 a 31 | 18 mg 27 |
| 188 17836 12148 9912 10425 18958 18822 13142 10699 11430 17908 1929 14136 11603 12015 1955 17823 13120 9942 14130 17908 1929 14136 10639 12016 208 17706 11437 7749 9424 1555 18283 12158 9944 10630 17901 19869 13150 10631 14165 10639 12016 2187 17606 11143 7749 9423 15947 18403 12158 9644 10639 17901 19869 13150 9943 141635 1228 16646 10139 6652 8461 1539 17442 11150 7649 9446 16850 18239 12145 8646 10137 6622 8461 1539 17442 11150 7649 9446 16850 18239 12145 8646 10137 6622 8461 1539 17442 11150 7649 9446 16850 18239 12145 8646 10137 6622 7431 1536 17451 11100 7649 9401 16842 12125 8646 10145 6652 84618 5749 17610 10120 5647 8414 16834 17466 17452 17452 17451 17452 17451 17452 17451 17452 17451 17452 17451 17452 17451 17452 17454 17452 17454 17452 17454 17452 17454 17452 17454 17 | | | | 16 mg 06 | | | | | | | | 11502 | | | 19849 | | 12500 | | 18 m 24 |
| 198 17826 12712 12715 | | | | | | | | | . . | | | | | | | | | | 18 m, 21 |
| 208 17816 12105 8217 9442 1555 18813 12158 9514 10205 16957 18890 13132 10941 11256 12151 18252 16856 11121 7221 9402 15943 17853 12114 8818 10408 16954 18849 13108 9615 11214 238 16846 10179 6625 8440 15939 17842 11152 7249 9424 16946 18828 12133 8816 10137 6625 8440 15935 17832 11150 7249 9424 16946 18828 12133 8816 10133 12558 16826 10114 5635 7432 11150 7249 9424 16946 18828 12133 8816 10133 12558 16826 10114 5635 7432 11150 7249 9424 16946 18828 12133 8816 10133 12558 16826 10114 5635 7432 11150 7249 9424 16946 18828 12133 8816 10133 12558 16826 1915 1822 7431 15956 7449 10144 6699 8438 16968 18849 12133 8816 10458 14958 | | | | | | | | | | | | | | | | | | | 18 mg 18 18 mg 15 |
| 178 | | | | | | | | | | | | | | | | | | | ` |
| 1825 1845 1811 | | | | | | | | | | | | | | | | | | | 18 mg 11 18 mg 08 |
| 1885 16846 10119 6952 8.040 15939 17842 111152 7949 9.044 16945 18828 12103 7946 10.031 1223 8.016 10.031 1223 8.016 10.031 1223 8.016 10.031 1223 8.016 10.031 1223 8.016 10.031 1225 10.031 1223 8.016 10.031 1225 10.031 1225 10.031 1223 8.016 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 10.031 1225 | | | | | | | | | | | | | | | | | | | 18 mg 05 |
| 258 16\(\overline{1}{2}625 16\(\overline{1}6265 16\(\overlin | | | | 15 m 39 | 240 1 | 8 Q 40 | 8£40 | 8⋒40 | 240 15 m | | | | | 16 m, 50 | | | | | 18 mg 01 |
| 265 16916 9915 5922 7,031 15926 17811 101144 6919 8,038 16938 18407 11136 7915 9,045 275 16950 91128 4951 7,060 15921 17801 101120 5947 8,014 16934 17805 11131 6944 9,021 285 15845 91104 4919 6,041 15917 16850 9157 5916 7,049 16930 17845 101149 6921 8,037 295 15844 8,114 3944 3944 3945 34945 34945 34945 34945 315 15842 7152 2940 5,021 15902 16817 8144 3936 6,029 16916 17823 9105 6937 8,005 315 15822 7152 2946 4,033 14956 16806 8118 3920 6,010 16911 17800 9110 3955 7,038 325 15811 7127 2946 4,033 14956 16806 8118 3920 6,010 16911 17800 9110 3955 7,038 335 14848 6136 0934 3,653 14945 15842 7127 1950 5,002 16906 16849 8118 2946 6,612 335 14945 6110 0948 3,243 14951 18854 7153 2926 5,332 16906 68499 8114 3922 6,423 345 14848 6136 0934 3,453 14945 15842 7127 1950 5,002 16901 16837 8118 2946 6,612 346 14825 51145 29100 2,494 14933 15813 7101 1831 4,913 15855 16812 71152 1690 6,612 358 14450 4119 29100 2,415 14927 15806 6103 29156 3,224 15944 16940 6157 0951 4,020 358 14460 4119 28121 1,033 14941 14841 5110 28134 2,013 15935 16812 7125 1,030 5,008 358 14840 3447 4120 27140 1,003 14914 14841 5110 28134 2,013 15935 16812 7125 1,030 5,008 358 14840 4149 28121 1,033 14945 14806 6107 29156 3,024 15944 16940 6107 09511 4,000 358 13847 4120 27140 1,003 14914 14841 5110 28134 2,013 15935 15841 15946 6100 29159 3,024 358 13847 4120 27140 1,003 14914 14841 5110 28134 2,013 15935 15841 15940 6100 29159 3,024 358 13848 2132 2310 2310 2310 2310 2310 2310 2310 2310 2310 2310 | | | | 15 m, 35 | 218 1 | 8 N 18 | 8 N 18 | 8 N 18 | շ18 15 դր | | 11П30 | 79519 | 9Ω24 | 16 mg 46 | 18828 | | 8916 | 10£31 | 17 m 58 |
| 278 | | | | | | | | | | | | | | | | I | | | 17 m 54 |
| 285 15855 9104 429 | | | | | | | | | | | | | | | | | | | 17 m ₂ 50 17 m ₂ 47 |
| 298 15844 8140 3 5647 6.115 15 10 16 839 9133 4 5648 7.023 16 10 25 17 834 0 10 125 5 540 8.031 308 15833 8116 3 5614 5 5.049 15 10 7 16828 9108 4 560 20 16 10 17 821 0 100 5 550 8.005 318 15822 71127 2 506 4.053 14 156 16 806 8118 3 502 6.021 16 10 17 812 9115 4 523 328 15 811 7 1027 2 506 4.053 14 156 16 806 8118 3 502 6.010 16 10 17 810 9110 3 588 7.010 338 15 800 7 102 1 531 4 1023 14 10 15 15 842 7 112 1 505 5 .022 16 10 16 843 8 118 3 524 6.012 348 14 848 6 1136 0 564 3 .023 14 10 15 15 842 7 112 1 5 5 5.022 16 10 16 843 8 118 2 504 6.012 358 14 836 6 1110 0 5818 3 .021 14 10 3 15 818 6 114 0 -20 15 1 5 10 1 5 10 358 14 836 6 1110 0 5818 3 .021 14 10 3 1 10 1 1 10 1 1 10 1 1 1 1 1 1 1 1 1 1 1 368 14 825 5 .143 3 .0214 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | 17 mg 43 |
| 318 1862 7 m/52 | | | | | | | | | | | | | | | | | | | 17 m 39 |
| 318 1862 7 m/52 | 8 9H08 49 | 16828 | m ₀ 07 1 | 15 mp 07 | 249 1 | 5Ω49 | 5Ω49 | 5Ω49 | 249 15 m | 16828 | 9п08 | 49510 | 6Ω57 | 16 m 21 | 17823 | 10П00 | 5ഇ07 | 8£05 | 17 m ₂ 35 |
| 338 15800 7100 1931 4,023 14m51 15854 7163 2226 5,032 16m06 16849 8144 3222 6,0424 348 14848 61136 0354 3,023 14m45 15842 7127 1705 1500 16m01 16837 8118 2246 6,012 358 14826 6110 0368 3,021 14m39 15831 7100 13613 4,031 15m55 16825 7152 2308 5,041 368 14825 51143 29100 2,015 14m33 15818 61134 0335 3,058 15m50 16812 7125 1230 5,008 378 14812 2116 29101 2,015 14m27 15806 6107 29156 3,024 15m44 16800 6157 0351 4,035 388 14800 41149 28111 1,039 14m20 14854 5119 29116 2,049 15m34 15844 6100 29129 3,024 408 13835 3152 26118 0,024 14m46 14824 5110 28134 2,013 15m31 15834 6100 29129 3,024 418 13821 3122 26115 2944 13m59 14814 4112 27108 0,025 15m81 15807 5101 28103 2,006 428 13808 2152 25130 29302 13m51 14801 3141 26124 0,013 15m11 14853 4130 27117 1,025 438 12840 1150 23157 72733 13m34 13847 3110 25137 2930 15m03 14823 2172 25143 29356 458 12811 0145 23118 25344 13m59 13803 1133 23110 27356 14m47 14810 2154 24102 28368 478 11840 29837 20133 24305 12m35 12847 01059 22117 24301 14m38 13848 1218 2320 489 11842 29801 19137 23366 12m43 12815 29847 21017 24317 14m08 13806 0114 21118 25320 558 10833 27847 17740 22348 12m33 10843 13m45 12815 29868 13m52 12813 28838 13m15 23300 558 936 25845 13m20 15333 13m43 13847 2815 2815 2815 31m53 28436 14m47 24401 22118 23300 558 936 25845 13m20 15333 13m43 13843 23110 27305 14m38 13852 21130 23301 23306 | | | | | 221 1 | 5 Q 21 | 5 Q 21 | 5Ω21 | 221 15 m | | 8П44 | 3536 | 6 £ 29 | | 17812 | 9П35 | 4933 | 7 a 38 | 17 m 30 |
| 348 | | | | | | | | | | | | | | | | | | | 17 m 26 |
| 355 | | | | | | | | | | | | | | | | | | | 17 m, 21 17 m, 16 |
| 368 14825 5143 29T140 2.049 14m33 15818 6T134 02m35 3.058 15m50 16812 7T125 12m30 5.008 378 14812 5T16 29T101 2.015 14m27 15806 6T07 29T156 3.024 15m38 15847 6T129 02m11 4.000 39S 13847 4T120 27T140 1.03 14m14 14841 5T110 28T134 2.013 15m31 15834 6T00 29T129 3.024 40S 13835 3T52 26T158 0.024 14m06 14428 4T141 27T152 1.035 15m31 15834 6T00 29T10 3.024 41S 13821 3T122 26T158 0.024 14m06 14428 4T141 27T152 1.035 15m25 15821 5T311 28T146 2.046 41S 13821 3T122 25T130 29202 13m51 14801 3T14 26T124 0.013 15m11 14853 4T130 27T17 1.025 43S 12854 2T122 24T144 28819 13m43 13847 3T110 25T137 29230 15m03 14839 3T159 26T131 0.041 44S 12840 1150 23T157 27533 13m34 13847 3T10 25T137 29230 15m03 14839 3T159 26T131 0.041 44S 12840 1150 23T157 27533 13m34 13847 3T10 25T137 29230 15m03 14839 3T159 26T131 0.041 44S 12840 1150 23T157 27533 13m34 13847 3T10 25T137 29230 15m03 14839 3T159 26T131 0.041 44S 12840 1150 23T157 25T143 29258 47S 11856 0T12 21T126 252501 13m03 1T33 23T10 27605 14m38 13854 2T100 24T02 28218 47S 11856 0T12 21T126 252501 13m05 12847 0T159 22T17 26251 14m29 13838 1T146 23T109 27624 485 11846 29837 20T133 24805 12m55 12831 0T159 27845 2 | | | | | | | | | | | | | | | | | | | 17 mg 10 |
| 378 | | | | | | | | | | | | - | | | | | | | 17 mg 11 |
| 398 13 247 4120 27140 1203 14 14 24 14 25110 28 13 2213 15 15 31 15 34 6 100 29 129 3.024 408 13 23 3152 26 15 29 24 14 13 15 14 14 12 27 103 15 15 15 25 15 21 21 28 13 24 418 13 23 22 26 15 29 24 13 13 14 14 14 12 27 108 0.075 15 15 15 25 13 12 24 24 24 418 13 24 26 15 29 24 13 13 14 14 14 12 27 108 0.075 15 15 15 15 14 14 13 24 24 14 15 14 15 14 14 12 27 108 0.075 15 15 15 14 14 | | | | | | | | | | | | | | | | | | | 17 mg 01 |
| 408 13835 3152 26158 0.024 14\(\pi 06 \) 14828 4\(\pi 41 \) 27152 1.035 15\(\pi 25 \) 15\(\pi 21 \) 5\(\pi 31 \) 28146 2.046 418 13821 3122 26115 29644 13\(\pi 59 \) 14814 4\(\pi 12 \) 27108 0.055 15\(\pi 18 \) 15\(\pi 18 \) 15\(\pi 17 \) 3101 28103 2.006 428 13808 2152 25130 29602 13\(\pi 51 \) 14801 3141 26124 0.013 15\(\pi 11 \) 14830 3\(\pi 59 \) 14814 4\(\pi 12 \) 27108 0.055 15\(\pi 18 \) 15\(\pi 11 \) 14830 27117 1.025 13818 12854 212840 1150 23\(\pi 57 \) 27\(\pi 33 \) 13\(\pi 43 \) 13\(\pi 43 \) 31844 31845 22\(\pi 39 \) 24\(\pi 50 \) 28\(\pi 44 \) 1150 23\(\pi 57 \) 27\(\pi 33 \) 13\(\pi 43 \) 13\(\pi 43 \) 22\(\pi 39 \) 24\(\pi 50 \) 28\(\pi 44 \) 11\(\pi 55 \) 14824 3\(\pi 17 \) 25\(\pi 43 \) 29\(\pi 56 \) 488 12840 1150 23\(\pi 57 \) 27\(\pi 33 \) 13\(\pi 43 \) 13\(\pi 43 \) 21\(\pi 56 \) 28\(\pi 44 \) 1150 22\(\pi 14 \) 22\(\pi 18 \) 22\(\pi 55 \) 13\(\pi 63 \) 14\(\pi 38 \) 13\(\pi 43 \) 14\(\pi 43 \) 14\(\pi 43 \) 14\(\pi 55 \) 14\(\pi 43 \) 12\(\pi 64 \) 14\(\pi 43 \) 14\(\pi | | | | | | | | | | | | | | | | | | | |
| 41S | | | | 14 mg 14 | | | | | | | | | | | | 6П00 | | | 16 m, 50 |
| 428 13 808 2 152 25 13 0 29 902 13 m 51 14 801 3 14 26 11 24 0 0 13 15 m 11 14 853 4 13 0 27 11 7 1 0 1 0 1 1 | | | | | | | | | | | | | | | | | | | 16 m 44 |
| 438 12854 2122 24144 28819 13\(\text{in}\) 43 13\(\text{in}\) 43 13\(\text{in}\) 43 13\(\text{in}\) 43 13\(\text{in}\) 43 13\(\text{in}\) 33 15\(\text{in}\) 33 13\(\text{in}\) 34 13\(\text{in}\) 32 2\(\text{in}\) 30 2\(\text{in}\) 50 2\(\text{in}\) 44\(\text{in}\) 55 14\(\text{in}\) 44 14\(\text{in}\) 55 14\(\text{in}\) 43 14\(\text{in}\) 55 2\(\text{in}\) 3 2\(\text{in}\) 56 3\(\text{in}\) 43 2\(\text{in}\) 55 3\(\text{in}\) 33 3\(\text{in}\) 13\(\text{in}\) 33 2\(\text{in}\) 33 2\(\text{in}\) 33 2\(\text{in}\) 33 2\(\text{in}\) 33 3\(\text{in}\) 14\(\text{in}\) 34 3\(\text{in}\) 34 2\(\text{in}\) 34 3\(\text{in}\) 35 3\(\text{in}\) | | | | - | | | | | | | | | | | | | | | 16 mg 37 16 mg 31 |
| 448 12840 1 | | - 1 | - | | | | | | , | _ | | | | | | | 1 | | 16 mg 24 |
| 468 12 12 0 14 5 22 18 25 25 4 13 15 13 803 1 13 3 23 10 27 255 14 14 38 13 854 2 12 0 24 10 27 24 488 11 840 29 24 33 24 20 24 35 12 845 18 498 11 840 29 837 20 33 24 805 12 855 12 831 0 10 23 21 12 25 16 14 14 19 13 822 11 10 22 11 14 26 26 28 498 11 824 29 801 19 13 10 13 12 13 10 12 12 10 10 10 10 10 | | | | | | 27ഇ33 | 27ഇ33 | 27ഇ33 | | | 2П39 | | 28944 | 14 m 55 | | 3 Д 27 | | 29ഇ56 | 16 m, 17 |
| 478 | 3 2п06 24п | 13818 | m, 25 1 | 13 m, 25 | a45 1 | 26ඉ45 | 26945 | 26ඉ45 | 45 13 mg | 13818 | 2п06 | 24П01 | 27ഇ56 | 14 m, 47 | 14810 | 2П54 | 24П53 | 29ഇ08 | 16 mg 09 |
| 48S 11 840 29837 20 π33 24 π05 12 π55 28 π57 20 π27 24 π07 14 π08 13 π57 12 π06 0 π34 21 π18 25 π29 50S 11 807 28 825 18 π40 22 π04 12 π31 11 858 29 π10 19 π29 23 π15 13 π57 12 κ49 29 κ56 20 π19 24 π27 51S 10 850 27 κ47 17 π40 20 π58 12 π18 11 κ41 28 κ32 18 π29 22 π08 13 π45 12 κ31 29 κ18 19 π18 23 π20 52S 10 833 27 κ08 16 π39 19 π48 12 π04 11 κ23 27 κ53 17 π27 20 π58 13 π32 12 κ18 29 κ18 21 π18 23 π20 53S 10 π14 26 κ28 15 π35 18 π33 11 π40 12 π43 15 π15 18 π32 12 κ18 29 κ18 19 π18 23 π25 | | | | | | | | | | | | | | | | | | | 16 m 01 |
| 498 11824 29801 19π37 23\$06 12π43 12815 29847 20π27 24\$17 14π08 13806 0π34 21π18 25\$29 508 11807 28825 18π40 22\$04 12π31 11858 29810 19π29 23\$15 13π57 12849 29856 20π19 24\$27 518 10850 27847 17π40 20\$58 12π18 11841 28832 18π29 22\$08 13π45 12831 29818 19π18 23\$20 528 10833 27808 16π39 19\$48 12π04 11823 27853 17π27 20\$58 13π32 12813 28838 18π15 22\$10 538 10814 26828 15π35 18\$33 11π49 11804 27813 16π22 19\$43 13π19 11854 27857 17π09 20\$55 548 9856 25847 14π29 17\$14 11π33 10845 26831 15π15 18\$24 13π04 11834 27814 16π02 19\$35 558 9836 25805 13π20 15\$50 11π16 10825 25848 14π05 16\$59 12π48 11814 26831 14π51 18\$39 568 9816 24821 12π09 14\$20 10π57 10804 25803 12π53 15\$28 12π30 10853 25846 13π38 16\$38 578 8855 23835 10π55 12\$34 10π37 9843 24817 11π38 13\$55 12π912 10831 24859 12π21 15\$300 588 8833 22848 9π38 11\$202 10π15 9821 23830 10π02 12\$208 11π51 10809 24811 11π02 13\$515 598 8811 22800 8π17 9\$12 9π50 8858 22840 8π58 10\$17 11π28 9845 23821 9π40 11\$23 608 7847 21809 6π54 7\$15 9π23 8834 21849 7π34 8\$18 11π03 9821 22829 8π14 9\$22 618 7822 20817 5π28 5\$209 8π53 8809 20856 6π06 6\$610 10π35 8855 21835 6π44 7\$12 628 6857 19823 3π57 2\$54 8π20 7842 20801 4π34 3\$53 10π04 8828 20839 5π11 4\$53 638 6830 18827 2π24 0\$29 7π42 7815 19804 2π59 1\$25 9π29 8800 19841 3π34 2\$22 648 6801 17828 0π46 27π54 6π59 6846 18804 1π20 28π47 8π50 7831 18841 1π53 29π41 658 5832 16827 29805 25π08 6π10 6816 17802 29837 25π57 8π04 7800 17838 0π09 26π48 668 5801 15824 27819 22π10 5π14 5844 15858 27849 2 | | | | | | | | | | | | | | | | | 1 | | 15 m 52 15 m 43 |
| 50S 11807 28825 18π40 22504 12π31 11858 29810 19π29 23515 13π57 12849 29856 20π19 24527 51S 10850 27847 17π40 20588 12π18 11841 28832 18π29 22508 13π45 12831 29818 19π18 23520 52S 10833 27808 16π39 19948 12π04 11823 27853 17π27 2058 13π32 12813 28838 18π15 22510 53S 10814 26828 15π35 18533 11π49 11804 27813 16π22 19943 13π91 11854 27857 17π09 20555 54S 9856 25847 14π29 17514 11π33 10845 26831 15π15 18524 13π94 11854 27857 17π09 20555 54S 9836 25805 13π20 15550 11π16 10825 25848 14π05 16599 | | | | | | | | | | | | | | | | | | | 15 mg 34 |
| 51S 10850 27847 17π40 20\$58 12π18 11841 28832 18π29 22\$68 13π45 12831 29818 19π18 23\$20 22\$52 10833 27808 16π39 19\$48 12π04 11823 27853 17π27 20\$58 13π32 12813 28838 18π15 22\$10 25\$35 10814 26828 15π35 18\$33 11π49 11804 27813 16π22 19\$43 13π19 11854 27857 17π09 20\$55 54\$5 9856 25847 14π29 17\$14 11π33 10845 26831 15π15 18\$24 13π04 11834 27814 16π02 19\$35 55\$5 9836 25805 13π20 15\$50 11π16 10825 25848 14π05 16\$59 12π48 11814 26831 14π51 18\$69 56\$5 9816 24821 12π09 14\$20 10π57 10804 25803 12π53 15\$28 12π30 10853 25846 13π38 16\$38 57\$5 8855 23835 10π55 12\$44 10π37 9843 24817 11π38 13\$52 12π12 10831 24859 12π21 15\$60 58\$58 8833 22848 9π38 11\$602 10π15 9821 23830 10π20 12\$608 11π51 10809 24811 11π02 13\$615 59\$58 8811 22800 8π17 9\$12 9π50 8858 22840 8π58 10\$17 11π28 9845 23821 9π40 11\$23 60\$5 7847 21809 6π54 7\$15 9π23 8834 21849 7π34 8\$18 11π03 9821 22829 8π14 9\$22 61\$5 7822 20817 5π28 5\$909 8π53 8809 20856 6π06 6\$10 10π35 8855 21835 6π44 7\$12 62\$6 6857 19823 3π57 2\$54 8π20 7842 20801 4π34 3\$53 10π04 8828 20839 5π11 4\$53 63\$6 6830 18827 2π24 0\$29 7π42 7815 19804 2π59 1\$25 9π29 8800 19841 3π34 2\$222 64\$6 6801 17828 0π46 27π54 6π59 6846 18804 1π20 28π47 8π50 7831 18841 1π53 29π41 65\$5 5832 16827 29805 25π08 6π10 6816 17802 29837 25π57 8π04 7800 17838 0π09 26π48 66\$5 5801 15824 27819 22π10 5π14 5844 15858 27849 22π56 7π12 6828 16832 28819 23π42 28819 23π42 23π42 | | | | | | | | | | | | | | | | | | | 15 mg 23 |
| 52S 10 833 27 808 16 1139 19 948 12 110 4 11 823 27 853 17 1127 20 110 8 8 13 1 11 11 11 11 11 11 11 11 11 11 11 1 | | | ~ | - | | | | | | | | | | | | | | | 15 mg 12 |
| 54S 9856 25847 14π29 17\$\sigma 14 11\$\mathbf{m}33\$ 10\$\text{845} 26\$\text{831} 15\$\pi 15\$ 18\$\sigma 24 13\$\mathbf{m}04\$ 11\$\text{834} 27\$\text{814} 16\$\pi 02\$ 19\$\sigma 35\$ 55S 9836 25\$\text{805} 13\$\pi 20\$ 15\$\sigma 50\$ 11\$\mathbf{m}16\$ 10\$\text{825} 25\$\text{848} 14\$\pi 05\$ 16\$\sigma 59\$ 12\$\mathbf{m}48\$ 11\$\text{814} 26\$\text{31}\$ 14\$\pi 51\$ 18\$\sigma 99\$ 56S 9816 24821 12\$\pi 09\$ 14\$\sigma 20\$ 10\$\mathbf{m}57\$ 10\$\text{804} 25\$\text{803} 12\$\pi 33\$ 15\$\sigma 28\$ 12\$\mathbf{m}30\$ 10\$\pi 15\$ 10\$\text{803} 10\$\mathbf{m}35\$ 10\$\sigma 15\$ 10\$\sigma 14\$ 20\$\text{803} 11\$\pi 33\$ 15\$\sigma 28\$ 12\$\mathbf{m}30\$ 11\$\pi 138\$ 13\$\sigma 52\$ 12\$\mathbf{m}46\$ 13\$\pi 38\$ 16\$\sigma 38\$ 10\$\sigma 12\$ 10\$\text{811} 10\$\text{809} 24\$\text{811} 11\$\pi 33\$ 10\$\pi 20\$ 11\$\pi 138\$ 10\$\sigma 12\$ 10\$\text{811} 10\$\text{811} 10\$\text{811} 11\$\pi 10\$\text{809} | | | | | | | | | | | | | | | 12813 | | | | 15 mg 01 |
| 55S 9836 25805 13 π20 15 π50 11 π16 10 825 25 848 14 π05 16 π59 12 π48 11 814 26 831 14 π51 18 π38 16 π38 56S 9816 24 821 12 π09 14 π20 10 π57 10 804 25 803 12 π53 15 π28 12 π30 10 853 25 846 13 π38 16 π38 57S 8855 23 835 10 π55 12 π44 10 π37 9843 24 817 11 π38 13 π52 12 π12 10 831 24 859 12 π21 15 π30 58S 8833 22 848 9 π38 11 π302 10 π15 9821 23 830 10 π20 12 π08 11 π51 10 809 24 811 11 π02 13 π15 598 8811 22 800 8 π17 9 π12 9 π50 8858 22 840 8 π58 10 π17 11 π28 9845 23 821 9 π40 11 π22 3 π51 5 π40 11 π22 28 834 21 849 7 π34 8 π18 11 π03 | | | | | | | | | | | | | | | | | | | 14 m 48 |
| 56S 9816 24821 12 п09 14 \$\overline{9}20\$ 10 \$\overline{9}57\$ 10 \$\overline{8}04\$ 25 \$\overline{8}03\$ 12 \$\overline{9}36\$ 12 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{8}38\$ 16 \$\overline{9}38\$ 10 \$\overline{9}35\$ 10 \$\overline{9}35\$ 10 \$\overline{9}35\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 11 \$\overline{9}36\$ 12 \$\overline{9}46\$ 10 \$\overline{9}36\$ 11 \$\overline{9}36\$ 11 \$\overline{9}36\$ 11 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 11 \$\overline{9}36\$ 11 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 10 \$\overline{9}36\$ 11 \$\over | | | | | | | | | | | | | | | | | | | 14 m 35 |
| 57S 8855 23835 10 II 55 12 S44 10 m 37 9843 24817 11 II 38 13 S52 12 m 12 10 831 24859 12 II 21 15 S00 58S 8833 22848 9 II 38 11 S02 10 m 15 9821 23 830 10 II 20 12 S08 11 m 51 10 809 24 811 11 II 02 13 S15 59S 8811 22800 8 II 17 9912 9m 50 8858 22 840 8 II 58 10 S17 11 m 28 9845 23 821 9 II 10 23 60S 7847 21 809 6 II 54 7 S15 9 m 23 8834 21 849 7 II 34 8 S18 11 m 03 9821 22 829 8 II 14 9 S22 61S 7 822 20 817 5 II 28 5 S09 8 m 53 8 809 20 856 6 II 06 6 S10 10 m 35 8 855 21 835 6 II 44 7 S12 62S 6 857 19 823 3 II 57 2 S54 8 m 20 7 842 20 801 | | | | | | | | | | | | | | | | | | | 14 mg 20 14 mg 04 |
| 58S 8833 22848 9¶38 11\$\oldsymbol{\oldsym | | | | | | | | | | | | | | | | | | | 13 m 47 |
| 59S 8 & 11 22 & 800 8 & 17 9 & 12 9 & 50 8 & 58 22 & 40 8 & 58 10 & 17 11 & 28 9 & 45 23 & 21 9 & 40 11 & 23 60S 7 & 47 21 & 90 6 & 154 7 & 15 9 & 23 8 & 34 21 & 49 7 & 34 8 & 18 11 & 03 9 & 21 22 & 29 8 & 114 9 & 22 61S 7 & 22 20 & 17 5 & 128 5 & 90 8 & 53 8 & 90 20 & 56 6 & 6 & 10 10 & 35 8 & 55 21 & 35 6 & 44 7 & 12 62S 6 & 57 19 & 23 3 & 57 2 & 54 8 & 20 7 & 42 20 & 01 4 & 34 3 & 53 10 & 04 8 & 28 20 & 39 5 & 11 4 & 53 63S 6 & 30 18 & 27 2 & 124 0 & 29 7 & 42 7 & 15 19 & 04 2 & 159 1 & 25 9 & 29 8 & 00 11 & 4 & 53 63S 6 & 30 18 & 27 2 & 124 0 & 29 7 & 42 7 & 15 19 & 04 | 1 23830 10п | 9821 2 | m 15 | | 02 1 | 11502 | 11502 | 11502 | 02 10 mg | 9821 | 23830 | | | 11 m, 51 | 10809 | I | 1 | 13©15 | 13 m 28 |
| 61S 7822 20817 5 128 5 509 8 153 8809 20856 6 106 6 501 10 10 35 8855 21835 6 144 7 512 62S 6857 19823 3 157 2 54 8 100 7 842 20801 4 134 3 53 10 10 4 8 28 20839 5 111 4 53 63S 6830 18827 2 124 0 529 7 1042 7 815 19804 2 159 1 525 9 1029 8 800 19841 3 134 2 522 64S 6801 17828 0 146 27 154 6 1059 6846 18804 1 1120 28 147 8 1050 7 831 18841 1 153 29 141 65S 5832 16827 29805 25 108 6 10 6816 17802 29837 25 157 8 104 7800 17838 0 109 26 148 66S 5801 15824 27819 22 110 5 14 5844 15858 27849 22 156 <th>8 22840 8п</th> <th>8858 2</th> <th>m, 50</th> <th>9 m, 50</th> <th>12</th> <th>9912</th> <th>9912</th> <th>9912</th> <th>910 12 ه</th> <th>8858</th> <th>22840</th> <th>8П58</th> <th>10ഇ17</th> <th></th> <th>9845</th> <th></th> <th>9П40</th> <th>11 5 23</th> <th>13 mg 07</th> | 8 22840 8п | 8858 2 | m, 50 | 9 m, 50 | 12 | 9912 | 9912 | 9912 | 910 12 ه | 8858 | 22840 | 8П58 | 10ഇ17 | | 9845 | | 9П40 | 11 5 23 | 13 mg 07 |
| 62S 6857 19823 3 157 2 54 8 m 20 7 842 20801 4 134 3 53 10 m 04 8828 20839 5 111 4 53 63S 6830 18827 2 124 0 529 7 m 42 7 815 19804 2 159 1 525 9 m 29 8 800 19841 3 134 2 522 64S 6801 17828 0 146 27 154 6 m 59 6846 18804 1 120 28 147 8 m 50 7 831 18841 1 153 29 141 65S 5 832 16827 29805 25 108 6 m 10 6816 17802 29837 25 157 8 m 04 7800 17838 0 109 26 148 66S 5 801 15824 27819 22 110 5 m 14 5 844 15858 27849 22 156 7 m 12 6828 16832 28819 23 142 | | | | | | | | | | | | | | | | | | | 12 mg 44 |
| 63S 6830 18827 2π24 0s29 7m42 7815 19804 2π59 1s25 9m29 8800 19841 3π34 2s22 64S 6801 17828 0π46 27π54 6m59 6846 18804 1π20 28π47 8m50 7831 18841 1π53 29π41 65S 5832 16827 29805 25π08 6m10 6816 17802 29837 25π57 8m04 7800 17838 0π09 26π48 66S 5801 15824 27819 22π10 5m14 5844 15858 27849 22π56 7m12 6828 16832 28819 23π42 | | | | | | | | | | | | | | | | | | | 12 m 19 |
| 64S 68O1 17828 0π46 27π54 6m/59 6846 18804 1π20 28π47 8m/50 7831 18841 1π53 29π41 65S 5832 16827 29805 25π08 6m/10 6816 17802 29837 25π57 8m/04 7800 17838 0π09 26π48 66S 5801 15824 27819 22π10 5m/14 5844 15858 27849 22π56 7m/12 6828 16832 28819 23π42 | | I | | | | | | | | | | | | | | I | | | 11 m ₂ 50 11 m ₂ 18 |
| 65S 5 8 32 16 8 27 29 8 05 25 π 08 6 m 10 6 8 16 17 8 02 29 8 37 25 π 57 8 m 04 7 8 00 17 8 38 0 π 09 26 π 48 66S 5 8 01 15 8 24 27 8 19 22 π 10 5 m 14 5 8 44 15 8 58 27 8 49 22 π 56 7 m 12 68 28 16 8 32 28 8 19 23 π 42 | | | | | | | | | | | | | | | | | | | 10 mg 41 |
| 66S 5801 15824 27819 22II 5 m 14 5844 15858 27849 22II 5 m 12 6828 16832 28819 23II 2 | | | | | | | | | | | | | | | | | | | 9 m ₂ 59 |
| | | | | | | | | | | | | | | | | I | | | 9 m, 11 |
| pc 4842 14847 26818 20π26 4m38 5826 15821 26847 21π09 6m38 6809 15854 27816 21π52 | | | | 4 m 38 | | | 20П26 | | | | | 26847 | 21П09 | 6 m 38 | 6809 | 15854 | 27816 | 21 П 52 | 8 m/40 |

| | Sid.Tir MC: | | 4m AR '42'14 | RMC: 21 | °00' | Sid.Tir MC: | | 8m AR | RMC: 22 | 2°00' | Sid.Tit MC: | ne: 1h3: 24Y | 2m AR 949'40 | RMC: 23 | 3°00' |
|---------------------------------|---|---|---|---|---|---|---|--|--|---|---|--|---|--|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 23 8 23 | 21 II 43 | 19©24 | 18 \(\Omega 34 \) 18 \(\Omega 19 \) 18 \(\Omega 05 \) 17 \(\Omega 50 \) | 20 m 12 | 24821 | 22 II 39 | 20©20 | 19£35 | 21 m 17 | 25820 | 23 II 34 | 21©16 | 20 \Omega 36 | 22 m/22 |
| 1S | 23 8 13 | 21 II 23 | 19©01 | | 20 m 10 | 24812 | 22 II 18 | 19©57 | 19£20 | 21 m 15 | 25810 | 23 II 13 | 20©54 | 20 \Omega 22 | 22 m/20 |
| 2S | 23 8 03 | 21 II 02 | 18©38 | | 20 m 07 | 24802 | 21 II 58 | 19©34 | 19£06 | 21 m 13 | 25800 | 22 II 53 | 20©31 | 20 \Omega 08 | 22 m/19 |
| 3S | 22 8 53 | 20 II 42 | 18©15 | | 20 m 05 | 23852 | 21 II 37 | 19©11 | 18£52 | 21 m 11 | 24850 | 22 II 32 | 20©08 | 19 \Omega 54 | 22 m/17 |
| 4S | 22844 | 20 II 22 | 17©52 | 17Ω35 | 20 m 03 | 23 8 4 2 | 21 II 17 | 18©48 | 18Ω37 | 21 m, 09 | 24840 | 22 II 12 | 19©45 | 19 Ω 39 | 22 m 15 |
| 5S | 22834 | 20 II 01 | 17©28 | 17Ω20 | 20 m 01 | 23 8 3 2 | 20 II 56 | 18©25 | 18Ω22 | 21 m, 07 | 24830 | 21 II 51 | 19©22 | 19 Ω 25 | 22 m 13 |
| 6S | 22824 | 19 II 41 | 17©05 | 17Ω04 | 19 m 58 | 23 8 2 2 | 20 II 36 | 18©02 | 18Ω07 | 21 m, 05 | 24820 | 21 II 31 | 18©59 | 19 Ω 10 | 22 m 12 |
| 7S 8S 9S 10S | 22814 22805 21855 21845 | 19 II 20 19 II 00 18 II 39 18 II 18 | 16@41 16@17 15@53 15@29 | 16Ω49 16Ω33 16Ω17 | 19 m 56 19 m 54 19 m 51 19 m 49 | 23 8 12 23 8 02 22 8 52 22 8 43 | 20 П 15 19 П 54 19 П 34 19 П 13 | 17©38 17©14 16©50 16©26 | 17Ω52 17Ω36 17Ω21 17Ω05 | 21 m 03 21 m 01 20 m 59 20 m 56 | 24810 24800 23850 23840 | 21 II 10 20 II 49 20 II 29 20 II 08 | 18@35 18@11 17@47 17@23 | 18Ω55 18Ω40 18Ω24 18Ω09 | 22 m 10 22 m 08 22 m 06 22 m 04 |
| 11S | 21835 | 17Д58 | 15©04 | 15Ω45 | 19 m 46 | 22833 | 18 Д 52 | 16©01 | 16Ω49 | 20 m 54 | 23830 | 19 Д 47 | 16@59 | 17Ω53 | 22 m 02 |
| 12S | 21825 | 17Д37 | 14©39 | 15Ω28 | 19 m 44 | 22823 | 18 Д 31 | 15©36 | 16Ω32 | 20 m 52 | 23820 | 19 Д 26 | 16@34 | 17Ω37 | 22 m 00 |
| 13S | 21816 | 17Д16 | 14©14 | 15Ω11 | 19 m 41 | 22813 | 18 Д 10 | 15©11 | 16Ω15 | 20 m 50 | 23810 | 19 Д 05 | 16@09 | 17Ω20 | 21 m 58 |
| 14S | 21806 | 16Д55 | 13©49 | 14Ω54 | 19 m 39 | 22803 | 17 Д 49 | 14©46 | 15Ω58 | 20 m 47 | 23800 | 18 Д 44 | 15@43 | 17Ω03 | 21 m 56 |
| 15S 16S 17S 18S 19S | 20856 20846 20836 20826 20816 | 16П34 16П12 15П51 15П29 15П08 | 13©23 12©57 12©30 12©03 11©36 | 14 \alpha 36 14 \alpha 18 13 \alpha 59 13 \alpha 41 13 \alpha 21 | 19 m 36 19 m 33 19 m 30 19 m 28 19 m 25 | 21853 21843 21833 21822 21812 | 17 Д 28 17 Д 07 16 Д 45 16 Д 23 16 Д 01 | 14©20 13©54 13©28 13©01 12©34 | 15 \(\Omega 41 \) 15 \(\Omega 23 \) 15 \(\Omega 05 \) 14 \(\Omega 47 \) 14 \(\Omega 28 \) | 20 m 45 20 m 43 20 m 40 20 m 38 20 m 35 | 22850 22839 22829 22819 22808 | 18 П 22 18 П 01 17 П 39 17 П 17 16 П 55 | 15©18 14©52 14©25 13©59 13©31 | 16 \(\Omega 46 \) 16 \(\Omega 19 \) 16 \(\Omega 11 \) 15 \(\Omega 53 \) 15 \(\Omega 34 \) | 21 m 54 21 m 52 21 m 50 21 m 48 21 m 45 |
| 20S | 20806 | 14 II 46 | 11©09 | 13 \(\O | 19 m 22 | 21802 | 15 II 39 | 12©06 | 14 \(\O \) 08 | 20 m 33 | 21858 | 16 II 33 | 13©04 | 15 \alpha 15 | 21 m 43 |
| 21S | 19855 | 14 II 24 | 10©40 | | 19 m 19 | 20851 | 15 II 17 | 11©38 | 13 \(\O \) 49 | 20 m 30 | 21847 | 16 II 11 | 12©36 | 14 \alpha 56 | 21 m 41 |
| 22S | 19845 | 14 II 01 | 10©12 | | 19 m 16 | 20841 | 14 II 55 | 11©09 | 13 \(\O \) 28 | 20 m 27 | 21837 | 15 II 48 | 12©07 | 14 \alpha 36 | 21 m 38 |
| 23S | 19834 | 13 II 39 | 9©43 | | 19 m 13 | 20830 | 14 II 32 | 10©40 | 13 \(\O \) 07 | 20 m 24 | 21826 | 15 II 25 | 11©38 | 14 \alpha 15 | 21 m 36 |
| 24S | 19824 | 13 II 16 | 9©13 | | 19 m 10 | 20820 | 14 II 09 | 10©11 | 12 \(\O \) 46 | 20 m 22 | 21815 | 15 II 02 | 11©08 | 13 \alpha 54 | 21 m 34 |
| 25S 26S 27S 28S 29S | 19813 19802 18852 18841 18829 | 12 Д 53 12 Д 29 12 Д 05 11 Д 41 11 Д 17 | 8943 8912 7941 7909 6937 | 11 \alpha 16 10 \alpha 53 10 \alpha 30 10 \alpha 05 9 \alpha 40 | 19 m 06 19 m 03 19 m 00 18 m 56 18 m 52 | 20809 19858 19847 19836 19824 | 13 П 46 13 П 22 12 П 58 12 П 34 12 П 09 | 9541 9510 8538 8506 7534 | 12 \(\Omega 24 \) 12 \(\Omega 01 \) 11 \(\Omega 38 \) 11 \(\Omega 14 \) 10 \(\Omega 49 \) | 20 m 19 20 m 16 20 m 13 20 m 09 20 m 06 | 21804 20853 20842 20831 20819 | 14 П 39 14 П 15 13 П 51 13 П 26 13 П 02 | 10@38 10@07 9@36 9@04 8@31 | 13 \(\Omega 33 \) 13 \(\Omega 10 \) 12 \(\Omega 47 \) 12 \(\Omega 24 \) 11 \(\Omega 59 \) | 21 m 31 21 m 28 21 m 26 21 m 23 21 m 20 |
| 30S 31S 32S 33S 34S | 18818 18806 17855 17843 17831 | 10 Д 52 10 Д 27 10 Д 02 9 Д 36 9 Д 09 | 6503 5529 4554 4519 3542 | 9 \(\Omega 14 \) 8 \(\Omega 48 \) 8 \(\Omega 20 \) 7 \(\Omega 51 \) 7 \(\Omega 22 \) | 18 m 49 18 m 45 18 m 41 18 m 37 18 m 32 | 19813 19801 18849 18837 18825 | 11 Д44 11 Д19 10 Д53 10 Д27 10 Д01 | 7500 6526 5551 5515 4538 | 10 \(\Omega 24 \) 9 \(\Omega 58 \) 9 \(\Omega 30 \) 9 \(\Omega 02 \) 8 \(\Omega 33 \) | 20 m 03 19 m 59 19 m 56 19 m 52 19 m 48 | 20807 19856 19844 19831 19819 | 12 II 37 12 II 11 11 II 45 11 II 19 10 II 52 | 7558 7523 6548 6512 5535 | 11 \(\Omega 34 \) 11 \(\Omega 08 \) 10 \(\Omega 41 \) 10 \(\Omega 13 \) 9 \(\Omega 44 \) | 21 m 17 21 m 14 21 m 11 21 m 08 21 m 04 |
| 35S | 17819 | 8П43 | 3©04 | 6251 | 18 m 28 | 18813 | 9П34 | 4©01 | 8 \(\O 02 \) 7 \(\O 31 \) 6 \(\O 58 \) 6 \(\O 23 \) | 19 m 44 | 19806 | 10 П 25 | 457 | 9 \alpha 14 | 21 m 01 |
| 36S | 17806 | 8П15 | 2©26 | 6219 | 18 m 23 | 18800 | 9П06 | 3©22 | | 19 m 40 | 18854 | 9 П 57 | 4519 | 8 \alpha 43 | 20 m 57 |
| 37S | 16853 | 7П47 | 1©46 | 5246 | 18 m 18 | 17847 | 8П38 | 2©42 | | 19 m 36 | 18841 | 9 П 29 | 3539 | 8 \alpha 10 | 20 m 53 |
| 38S | 16840 | 7П19 | 1©06 | 5211 | 18 m 13 | 17834 | 8П09 | 2©02 | | 19 m 31 | 18827 | 9 П 00 | 2558 | 7 \alpha 36 | 20 m 50 |
| 39S 40S 41S 42S 43S | 16827 16814 16800 15846 15831 | 6 II 50 6 II 20 5 II 50 5 II 19 4 II 48 | 0©24 29П41 28П57 28П11 27П24 | 4 \(\alpha 35 \) 3 \(\alpha 58 \) 3 \(\alpha 18 \) 2 \(\alpha 37 \) 1 \(\alpha 54 \) | 18 m 08 18 m 03 17 m 57 17 m 51 17 m 45 | 17820 17807 16853 16838 16824 | 7110 7110 61140 61108 51136 | 1©20 0©36 29 II 52 29 II 06 28 II 19 | 5 \(\Omega 48\) 5 \(\Omega 10\) 4 \(\Omega 31\) 3 \(\Omega 50\) 3 \(\Omega 07\) | 19 m 27 19 m 22 19 m 17 19 m 11 19 m 06 | 18814 18800 17845 17831 17816 | 8 II 30 8 II 00 7 II 29 6 II 58 6 II 25 | 2515 1532 0547 0501 29 II 13 | 7 \(\O \) 01 6 \(\O \) 23 5 \(\O \) 45 5 \(\O \) 04 4 \(\O \) 21 | 20 m 45 20 m 41 20 m 37 20 m 32 20 m 27 |
| 44S | 15817 | 4П15 | 26 II 36 | 1008 | 17 m 38 | 16809 | 5 II 04 | 27 II 30 | 2 \Omega 22 | 19 m 00 | 17801 | 5 II 52 | 28 II 24 | 3 \(\Omega 3 \) 2 \(\Omega 49 \) 1 \(\Omega 59 \) 1 \(\Omega 07 \) | 20 m, 22 |
| 45S | 15801 | 3П42 | 25 II 46 | 0021 | 17 m 31 | 15853 | 4 II 30 | 26 II 39 | 1 \Omega 34 | 18 m 54 | 16845 | 5 II 18 | 27 II 33 | | 20 m, 17 |
| 46S | 14846 | 3П08 | 24 II 54 | 29@31 | 17 m 24 | 15837 | 3 II 56 | 25 II 47 | 0 \Omega 44 | 18 m 47 | 16829 | 4 II 43 | 26 II 40 | | 20 m, 11 |
| 47S | 14830 | 2П33 | 24 II 01 | 28@38 | 17 m 16 | 15821 | 3 II 20 | 24 II 53 | 29 \omega 52 | 18 m 40 | 16812 | 4 II 08 | 25 II 46 | | 20 m, 05 |
| 48S | 14813 | 1 II 57 | 23 II 05 | 27\$42 | 17 m 08 | 15804 | 2 II 44 | 23 II 57 | 28@56 | 18 m 33 | 15855 | 3 II 31 | 24 II 49 | 0Ω11 | 19 m 58 |
| 49S | 13856 | 1 II 20 | 22 II 08 | 26\$42 | 16 m 59 | 14847 | 2 II 06 | 22 II 59 | 27@57 | 18 m 25 | 15838 | 2 II 53 | 23 II 51 | 29©12 | 19 m 51 |
| 50S | 13839 | 0 II 42 | 21 II 09 | 25\$40 | 16 m 50 | 14830 | 1 II 28 | 21 II 59 | 26@54 | 18 m 17 | 15820 | 2 II 14 | 22 II 50 | 28©09 | 19 m 44 |
| 51S | 13821 | 0 II 03 | 20 II 07 | 24\$33 | 16 m 40 | 14811 | 0 II 48 | 20 II 57 | 25@47 | 18 m 08 | 15801 | 1 II 34 | 21 II 47 | 27©03 | 19 m 36 |
| 52S | 13802 | 29823 | 19 Д 04 | 23©22 | 16 m 30 | 13852 | 0П08 | 19 Д 53 | 24©36 | 17 m 59 | 14842 | 0П53 | 20 II 42 | 25@52 | 19 m 28 |
| 53S | 12843 | 28841 | 17 Д 57 | 22©07 | 16 m 18 | 13833 | 29826 | 18 Д 45 | 23©21 | 17 m 49 | 14822 | 0П10 | 19 II 34 | 24@36 | 19 m 19 |
| 54S | 12823 | 27858 | 16 Д 48 | 20©47 | 16 m 06 | 13813 | 28842 | 17 Д 36 | 22©00 | 17 m 38 | 14802 | 29826 | 18 II 23 | 23@15 | 19 m 10 |
| 55S | 12803 | 27814 | 15 Д 37 | 19©21 | 15 m 53 | 12852 | 27857 | 16 Д 23 | 20©34 | 17 m 26 | 13841 | 28841 | 17 II 10 | 21@48 | 18 m 59 |
| 56S | 11841 | 26828 | 14 Д 23 | 17549 | 15 m 38 | 12830 | 27811 | 15 Д 08 | 19©01 | 17 m 13 | 13818 | 27854 | 15 II 53 | 20©14 | 18 m/48 |
| 57S | 11819 | 25841 | 13 Д 05 | 16510 | 15 m 23 | 12807 | 26823 | 13 Д 49 | 17©21 | 16 m 59 | 12856 | 27805 | 14 II 34 | 18©34 | 18 m/35 |
| 58S | 10856 | 24852 | 11 Д 45 | 14524 | 15 m 05 | 11844 | 25833 | 12 Д 28 | 15©34 | 16 m 43 | 12832 | 26815 | 13 II 11 | 16©46 | 18 m/22 |
| 59S | 10832 | 24801 | 10 Д 21 | 12530 | 14 m 47 | 11820 | 24842 | 11 Д 03 | 13©39 | 16 m 27 | 12807 | 25823 | 11 II 45 | 14©50 | 18 m/07 |
| 60S | 10807 | 23809 | 8П54 | 10©28 | 14 m 26 | 10854 | 23848 | 9П34 | 11 5 35 | 16 m 08 | 11841 | 24828 | 10П15 | 12544 | 17 m 51 |
| 61S | 9841 | 22814 | 7П23 | 8©16 | 14 m 03 | 10828 | 22853 | 8П02 | 9 5 21 | 15 m 47 | 11814 | 23832 | 8П41 | 10528 | 17 m 32 |
| 62S | 9814 | 21817 | 5П48 | 5©54 | 13 m 37 | 10800 | 21855 | 6П26 | 6 5 5 7 | 15 m 24 | 10846 | 22834 | 7П03 | 8501 | 17 m 12 |
| 63S | 8846 | 20818 | 4П10 | 3©21 | 13 m 07 | 9831 | 20856 | 4П45 | 4 5 2 1 | 14 m 58 | 10816 | 21833 | 5П21 | 5522 | 16 m 49 |
| 64S | 8816 | 19817 | 2П27 | 0©36 | 12 m 34 | 9800 | 19853 | 3П01 | 1 5 3 3 | 14 m 28 | 9845 | 20830 | 3П35 | 2530 | 16 m 22 |
| 65S | 7844 | 18813 | 0П41 | 27 II 39 | 11 m 56 | 8828 | 18848 | 1П13 | 28 II 32 | 13 m 53 | 9812 | 19824 | 1 II 45 | 29 II 25 | 15 m 52 |
| 66S | 7811 | 17807 | 28\50 | 24 II 29 | 11 m 11 | 7855 | 17841 | 29В20 | 25 II 17 | 13 m 13 | 8838 | 18815 | 29 8 50 | 26 II 06 | 15 m 16 |
| pc | 6852 | 16828 | 27\45 | 22 II 37 | 10 m 43 | 7835 | 17802 | 28В14 | 23 II 22 | 12 m 48 | 8818 | 17835 | 28 8 43 | 24 II 08 | 14 m 54 |

| | MC: | | 6m AR '53'10 | MC: 24 | °00' | Sid.Tir MC: | | 0m AR '56'31 | MC: 25 | 5°00' | Sid.Tir MC: | ne: 1h44 27Υ | 4m AR '59'42 | MC: 26 | 5°00' |
|-----|----------------------------------|----------------------------------|--------------------------------|---------------------------------|----------------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 26818 | 24П29 | 22@13 | 21 237 | 23 m 27 | 27816 | 25П24 | 23©09 | 22 a 38 | 24 m 33 | 28814 | 26 Д 19 | 24906 | 23 N 40 | 25 m/38 |
| | 26808 | 24 II 08 | 21950 | 21 \Omega 23 | 23 m 26 | 27806 | 25 耳 04 | 22947 | 22 2 25 | 24 m 31 | 28804 | 25 Д 59 | 235644 | 23 № 27 | 25 m 37 |
| | 25858 | 23 11 48 | 21528 | 21 \Q 10 | 23 m 24 | 26856 | 24 11 43 | 22524 | 22 \O 12 | 24 m 30 | 27854 | 25 II 38 | 23521 | 23 \Q 14 | 25 m 36 |
| | 25848 25838 | 23 II 27 23 II 07 | 21©05 20©42 | 20Ω56 20Ω42 | 23 m/23 23 m/21 | 26 8 46 26 8 35 | 24 II 22 24 II 02 | 22©02 21©39 | 21 Ω 58 21 Ω 44 | 24 m/29 24 m/28 | 27843 27833 | 25 II 17 24 II 57 | 22©59 22©36 | 23 \Quad 01 22 \Quad 47 | 25 m 35 25 m 34 |
| - 1 | 25828 | 22 II 46 | 20012 | 20 Ω 27 | 23 m 20 | 26825 | 23 II 41 | 21@16 | 21 Ω 30 | 24 m 26 | 27823 | 24 Д 36 | 22913 | 22 \Omega 33 | 25 m 33 |
| | 25818 | 22 II 46 22 II 26 | 19556 | 20 Ω 13 | 23 m/ 18 | 26815 | 23 II 20 | 20953 | 21 N 16 | 24 m 25 | 27812 | 24 II 36 24 II 15 | 21950 | 22 N 20 | 25 m 32 |
| | 25807 | 22 II 05 | 19532 | 19£58 | 23 m 17 | 26805 | 23 II 00 | 20@30 | 21 202 | 24 m 24 | 27802 | 23 Д 55 | 21527 | 22 206 | 25 m 31 |
| | 24857 | 21 11 44 | 19509 | 19⋒43 | 23 m/15 | 25855 | 22П39 | 20ഇ06 | 20Ω47 | 24 m 22 | 26852 | 23 Д34 | 215904 | 21 251 | 25 m/30 |
| 9S | 24847 | 21 Д23 | 18945 | 19⋒28 | 23 m/14 | 25844 | 22 П 18 | 19542 | 20£32 | 24 m/21 | 26842 | 23 Д 13 | 20\$40 | 21 A 37 | 25 m 29 |
| | 24837 | 21 п 02 | 18521 | 19Ω13 | 23 m 12 | 25834 | 21 Д 57 | 19518 | 20Ω17 | 24 m 20 | 26831 | 22 П 52 | 20©16 | 21 222 | 25 m/28 |
| | 24827 24817 | 20 II 41 20 II 20 | 17©56 17©32 | 18Ω57 18Ω41 | 23 m 10 23 m 09 | 25 8 24 25 8 14 | 21 II 36 21 II 15 | 18©54 18©29 | 20 A 02 19 A 47 | 24 mp 18 24 mp 17 | 26 8 21 26 8 11 | 22 II 31 22 II 10 | 19©52 19©27 | 21 \Quad 07 20 \Quad 52 | 25 m/27 25 m/25 |
| | 24807 | 19 II 59 | 17932 | 18£25 | 23 m 07 | 25803 | 20 II 54 | 18904 | 198247 | 24 mg 16 | 26800 | 21 II 48 | 19903 | 202132 202136 | 25 m 24 |
| | 23856 | 19П38 | 16941 | 18£09 | 23 m 05 | 24853 | 20П32 | 17ള39 | 19Ω15 | 24 m 14 | 25850 | 21 Д27 | 18937 | 20 20 | 25 m 23 |
| 15S | 23846 | 19П17 | 16©16 | 17Ω52 | 23 m/03 | 24843 | 20П11 | 17914 | 18£58 | 24 m 13 | 25839 | 21 Д05 | 18912 | 20 A 04 | 25 m 22 |
| | 23836 | 18П55 | 15950 | 17Ω35 | 23 m 02 | 24832 | 19П49 | 16948 | 18 Ω 41 | 24 m/11 | 25829 | 20 Д43 | 17ഇ46 | 19 a 48 | 25 m 21 |
| | 23826 | 18П33 | 15©23 | 17Ω17 | 23 m 00 | 24822 | 19П27 | 16©21 | 18£24 | 24 m 10 | 25818 | 20П22 | 17520 | 19 231 | 25 m 19 |
| | 23 8 15 23 8 05 | 18 II 11 17 II 49 | 14©57 14©29 | 17Ω00 16Ω41 | 22 m 58 | 24811 24801 | 19II 05 | 15©55 15©28 | 18Ω06 17Ω49 | 24 m 08 24 m 06 | 25 8 07 24 8 57 | 19П59 19П37 | 16©53 16©26 | 19Ω14 | 25 m 18 25 m 17 |
| - 1 | | | | | 22 m 56 | | 18П43 | | | | | | | 18.036 | |
| | 22 8 54 22 8 43 | 17II 27 17II 04 | 14©02 13©34 | 16Ω23 16Ω03 | 22 m 54 22 m 52 | 23 8 50 23 8 39 | 18 II 21 17 II 58 | 15©00 14©32 | 17Ω30 17Ω11 | 24 m 05 24 m 03 | 24846 24835 | 19П15 18П52 | 15©58 15©30 | 18 Ω 38 18 Ω 20 | 25 mg 16 25 mg 14 |
| | 22833 | 16II42 | 13505 | 15Ω44 | 22 m 50 | 23828 | 17Д35 | 14903 | 16252 | 24 m 01 | 24824 | 18 Д 29 | 15902 | 18£01 | 25 m 13 |
| | 22822 | 16П19 | 12536 | 15 £ 23 | 22 m 48 | 23817 | 17 Д 12 | 13534 | 16ຄ32 | 24 m 00 | 24813 | 18 Д 05 | 14533 | 17ብ41 | 25 m 12 |
| 24S | 22811 | 15П55 | 12506 | 15 A 03 | 22 m/46 | 23806 | 16 I I49 | 13505 | 16 N 12 | 23 m 58 | 24801 | 17П42 | 14503 | 17£21 | 25 m 10 |
| | 22800 | 15 Д 32 | 11536 | 14Ω41 | 22 m 43 | 22855 | 16П25 | 12534 | 15 N 51 | 23 m 56 | 23850 | 17П18 | 13533 | 17Ω00 | 25 m 09 |
| | 21848 21837 | 15 II 08 14 II 44 | 11©05 10©34 | 14Ω19 13Ω57 | 22 m/41 22 m/39 | 22 8 44 22 8 32 | 16II01 15II36 | 12©03 11©32 | 15Ω29 15Ω07 | 23 m 54 23 m 52 | 23839 23827 | 16 II 54 16 II 29 | 13©02 12©30 | 16Ω39 16Ω17 | 25 m 07 25 m 06 |
| | 21826 | 14 II 19 | 10934 | 13 Ω 34 | 22 m/ 37 | 22820 | 15 II 12 | 11932 | 14Ω44 | 23 m 50 | 23815 | 16 Д 29 | 11958 | 15Ω55 | 25 m 04 |
| | 21814 | 13 Д 54 | 9929 | 13 209 | 22 m/34 | 22809 | 14П47 | 10ഇ27 | 14 \alpha 20 | 23 m 48 | 23803 | 15 Д 39 | 11@25 | 15 A 31 | 25 m 02 |
| 30S | 21802 | 13П29 | 8955 | 12£45 | 22 m/32 | 21857 | 14 I I21 | 9953 | 13 Q 56 | 23 m 46 | 22851 | 15 🗆 14 | 10ഇ52 | 15 Q 07 | 25 m 01 |
| | 20850 | 13 Д 03 | 8গু21 | 12Ω19 | 22 m/29 | 21845 | 13 Д 55 | 9519 | 13 Q 30 | 23 m/44 | 22839 | 14 I I48 | 10ഇ17 | 14 Q 42 | 24 m 59 |
| | 20838 | 12 Д 37 | 7546 | 11.052 | 22 m 26 | 21832 | 13 Д 29 | 8543 | 13 0 0 4 | 23 m 42 | 22826 | 14 Д 21 | 9542 | 14 \Q 16 | 24 m 57 |
| | 20826 20813 | 12 II 11 11 II 44 | 7 ඉ 09 6 ඉ 32 | 11Ω25 10Ω56 | 22 m/23 22 m/21 | 21820 21807 | 13 II 02 12 II 35 | 8 ඉ 07 7 ඉ 30 | 12Ω37 12Ω09 | 23 m/39 23 m/37 | 22 8 14 22 8 01 | 13 II 54 13 II 27 | 9 © 05 8 © 28 | 13 \Omega 50 13 \Omega 22 | 24 m 55 24 m 53 |
| - 1 | 20800 | 111116 | 5 <u>9</u> 54 | 10 Ω 26 | 22 m 18 | 20854 | 12 п 07 | 6 9 52 | 11Ω39 | 23 m 34 | 21848 | 12 Д 59 | 7950 | 12Ω53 | 24 mp 51 |
| | 19847 | 10 II 48 | 5934 5915 | 9255 | 22 mg 14 | 20834 | 11 II 39 | 6932 | 11 Ω 09 | 23 m 32 | 21834 | 12 Д 39 | 79530 79510 | 12 \(\Omega 23 \) | 24 m 49 |
| 37S | 19834 | 10П19 | 4935 | 9Ω23 | 22 m 11 | 20827 | 11 I I10 | 5932 | 10 ຄ 37 | 23 m 29 | 21821 | 12П01 | 6930 | 11⋒51 | 24 m 47 |
| | 19820 | 9П50 | | | 22 m 08 | | 10П41 | | 10Ω03 | | 21807 | | | 11Ω18 | 24 m 45 |
| - 1 | 19807 | 9П20 | 3911 | 8Ω14 | 22 m/04 | 20800 | 10П11 | 4গু08 | 9⋒29 | 23 m 23 | 20853 | 11 11 01 | 5905 | 10 € 44 | 24 m 42 |
| | 18852 | 8II 50 | 2528 | 7.038 | 22 m 01 | 19845 | 9П40 | 3524 | 8 N 52 | 23 m 20 | 20838 | 10 Д 30 | 4921 | 10 0 0 8 | 24 m 40 |
| | 18 8 38 18 8 23 | 8П19 7П47 | 1 ණ 43 0 ණ 5 6 | 6Ω59 6Ω19 | 21 m 57 21 m 53 | 19 8 31 | 9П08 8П36 | 2©39 1©52 | 8Ω14 7Ω34 | 23 m, 17 23 m, 14 | 20823 20808 | 9Д58 9Д26 | 3 9 35 2 9 48 | 9 N 30 8 N 51 | 24 m/37 24 m/35 |
| | 18808 | 7II14 | 0008 | 5£36 | 21 m/49 | 19800 | 8II03 | 1903 | 6£52 | 23 m 10 | 19853 | 8Д53 | 1959 | 8£09 | 24 m 32 |
| 44S | 17853 | 6 I I41 | 29П18 | 4£052 | 21 m/44 | 18845 | 7 I I30 | 0ഇ13 | 6 Ω 08 | 23 mg 06 | 19837 | 8П18 | 19509 | 7 Q 25 | 24 m/29 |
| | 17837 | 6 I I06 | 28П27 | 4⋒05 | 21 m/39 | 18829 | 6П55 | 29П21 | 5ຄ21 | 23 m, 03 | 19820 | 7П43 | 0ഇ16 | 6 Ω 39 | 24 m/26 |
| | 17820 | 5II31 | 27 II 34 | 3 \O 15 | 21 m 35 | 18812 | 6Ц19 | 28 11 28 | 4.032 | 22 m 58 | 19803 | 7II 07 | 29 Д 22 | 5 N 50 | 24 m 23 |
| | 17804 16846 | 4П55 4П18 | 26 II 39 25 II 42 | 2Ω23 1Ω27 | 21 m/29 21 m/24 | 17855 17837 | 5 II 43 5 II 05 | 27 II 32 26 II 35 | 3Ω40 2Ω45 | 22 m 54 22 m 49 | 18 8 46 18 8 28 | 6Д30 5Д52 | 28 II 26 27 II 28 | 4 N 58 4 N 03 | 24 m 19 24 m 15 |
| | 16829 | 3 II 40 | 24 II 43 | 0Ω28 | 21 m/24 21 m/18 | 17819 | 4H26 | 25 II 35 | 1 \Omega 46 | 22 m 45 | 18810 | 5 II 13 | 26 II 28 | 3 N 05 | 24 m/13 |
| | 16810 | 3П00 | 23П41 | 29ഇ26 | 21 m ₂ 12 | 17801 | 3П47 | 24П33 | 0Ω44 | 22 m 39 | 17851 | 4П33 | 25 Д25 | 2ຄ02 | 24 mp 07 |
| 51S | 15852 | 2П20 | 22II38 | 28519 | 21 m 05 | 16842 | 3п06 | 23 Д29 | 29ॼ37 | 22 m/34 | 17832 | 3 Д 52 | 24 II 20 | 0£56 | 24 m 03 |
| | 15832 | 1 11 38 | 21 11 32 | 27908 | 20 m 58 | 16822 | 2П23 | 22 11 22 | 28526 | 22 m 28 | 17812 | 3П09 | 23 II 12 | 29545 | 23 m 58 |
| | 15 8 12 14 8 51 | 0П55 0П10 | 20П23 19П11 | 25©52 24©31 | 20 m 50 20 m 42 | 16 8 01 15 8 40 | 1П40 0П54 | 21 II 12 20 II 00 | 27©10 25©48 | 22 m/21 22 m/14 | 16 8 51 16 8 29 | 2П25 1П39 | 22 II 02 20 II 49 | 28©29 27©07 | 23 m 53 23 m 47 |
| - 1 | | | | | | | | | | | | | | | |
| | 14829 14807 | 29 8 24 28 8 37 | 17П57 16П39 | 23©03 21©30 | 20 m 33 20 m 23 | 15 8 18 14 8 55 | 0II08 29820 | 18 II 44 17 II 26 | 24©21 22©46 | 22 m, 07 21 m, 59 | 16 8 07 15 8 44 | 0Д52 0Д03 | 19П32 18П12 | 25©39 24©04 | 23 m/41 23 m/35 |
| | 13844 | 27847 | 15 II 19 | 19548 | 20 mg 12 | 14832 | 28830 | 16 I I04 | 21504 | 21 m 50 | 15820 | 29812 | 16 I I49 | 22522 | 23 m 27 |
| | 13819 | 26856 | 13 Д 54 | 17@59 | 20 m 01 | 14807 | 27838 | 14 Д 38 | 19514 | 21 m/40 | 14855 | 28820 | 15 Д23 | 20@31 | 23 m 20 |
| - 1 | 12854 | 26803 | 12П27 | 16©02 | 19 m/48 | 13841 | 26844 | 13П09 | 179515 | 21 m, 29 | 14829 | 27825 | 13 Д 52 | 18531 | 23 m 11 |
| | 12828 | 25808 | 10П55 | 13554 | 19 m 34 | 13815 | 25848 | 11 11 36 | 15506 | 21 m 17 | 14801 | 26829 | 12 Д 18 | 16520 | 23 m 01 |
| | 12800 11832 | 24 8 11 23 8 12 | 9П20 7П41 | 11 © 36 9 © 07 | 19 mp 18 19 mp 00 | 12847 12817 | 24 8 51 23 8 50 | 10II00 8II18 | 12 © 46 10 © 14 | 21 mg 04 20 mg 49 | 13833 13803 | 25 8 30 24 8 29 | 10П39 8П57 | 13@58 11@23 | 22 m 51 22 m 39 |
| 63S | 11801 | 22810 | 7Д41 5Д57 | 9907 6925 | 19 np 40 | 11847 | 22848 | 6Д33 | 7929 | 20 m 33 | 12832 | 23825 | 7П09 | 8935 | 22 m 25 |
| | 10830 | 21806 | 4Π09 | 3530 | 18 m/ 17 | 11815 | 21843 | 4Π43 | 4930 | 20 mg 13 | 11859 | 22819 | 5п18 | 5932 | 22 m 10 |
| 65S | 9857 | 19859 | 2п17 | 0ඉ20 | 17 m 51 | 10841 | 20835 | 2П49 | 19316 | 19 m 51 | 11825 | 21810 | 3Д21 | 29514 | 21 m 52 |
| 66S | 9822 | 18849 | 0П20 | 26II 56 | 17 m/21 | 10805 | 19824 | 0П50 | 27Ⅱ47 | 19 mg 26 | 10849 | 19858 | 1П20 | 28П39 | 21 m 31 |
| pc | 9801 | 18809 | 29812 | 24 II 54 | 17 mg 01 | 9844 | 18843 | 29841 | 25 II 42 | 19 mg 09 | 10828 | 19816 | 0П10 | 26П31 | 21 mg 18 |

| | 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 | RMC: 29 |)°00' |
|--------------|----------------------------------|----------------------------------|------------------------------------|------------------------------|-------------------------------|----------------------------------|---|----------------------|------------------------------|-------------------------------|----------------------------------|-------------------------|--------------------------------|------------------------------|-------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 29812 | 27П14 | 25ഇ03 | 24 \O 42 | 26 m/43 | 0п10 | 28П09 | 26 ඉ 00 | 25⋒44 | 27 m, 49 | 1п07 | 29П04 | 26957 | 26 Q 46 | 28 m 54 |
| 1S | 29802 | 26耳54 | 249641 | 24⋒29 | 26 m/43 | 29859 | 27Ⅱ49 | 25ഇ38 | 25⋒32 | 27 m/48 | 0П57 | 28 11 44 | 26935 | 26⋒34 | 28 m 54 |
| 2S | 28851 | 26 Д 33 | 24919 | 24Ω16 | 26 m 42 | 29849 | 27П28 | 25©16 | 25 Ω 19 | 27 m 48 | 0П46 | 28 Д 23 | 26©13 | 26 N 22 | 28 m 54 |
| 3S | 28841 | 26 II 12 | 23556 | 24 \Q 03 | 26 m 41 | 29838 | 27 II 07 | 24954 | 25 \O 6 | 27 m 47 | 0П36 | 28 11 02 | 25@51 | 26 Ω 09 25 Ω 57 | 28 m 53 |
| 4S | 28831 | 25 П 52 | 23534 | 23 A 50 | 26 m, 40 | 29828 | 26П47 | 24931 | 24£053 | 27 m/47 | 0П25 | 27П42 | 25©29 | 25 N 57 | 28 m 53 |
| 5S | 28820 | 25 Д 31 | 23511 | 23 € 37 | 26 m 40 | 29817 | 26П26 | 24509 | 24 \(\Omega 40 | 27 m 46 | 0п14 | 27 Д21 | 25©06 | 25 € 44 | 28 m 53 |
| 6S | 28810 | 25 II 10 | 22548 | 23 0 10 | 26 m 39 | 29807 | 26 II 05 | 23 5 46 | 24 \Q 27 | 27 m 46 | 0П04 | 27 II 00 | 249644 | 25 Ω31 | 28 m 53 |
| 7S 8S | 27859 27849 | 24 II 49 24 II 29 | 22©25 22©02 | 23 \Omega 10 22 \Omega 56 | 26 m/38 26 m/37 | 28 8 56 28 8 46 | 25 II 44 25 II 23 | 23©23 23©00 | 24Ω14 24Ω00 | 27 m 45 27 m 45 | 29 8 53 29 8 43 | 26 II 39 26 II 18 | 24©21 23©58 | 25 Ω 18 25 Ω 05 | 28 m 52 28 m 52 |
| 9S | 27839 | 24 II 08 | 21938 | 22 \$\alpha 41 | 26 m/36 | 28835 | 25 II 02 | 22936 | 23 A 46 | 27 mg 44 | 29832 | 25 II 57 | 23934 | 24 N 51 | 28 m 52 |
| 10S | 27828 | 23 П 47 | 21514 | 22Ω27 | 26 m 36 | 28825 | 24 I I41 | 22512 | 23 ຄ.32 | 27 m 44 | 29821 | 25 Д 36 | 23511 | 24Ω38 | 28 m 52 |
| 11S | 27818 | 23 II 25 | 20950 | 22 & 12 | 26 m/35 | 28814 | 24 11 20 | 219348 | 23 A 18 | 27 mg 43 | 29811 | 25 II 15 | 229347 | 24 \Omega 24 | 28 m 51 |
| 12S | 27807 | 23 11 04 | 20ഇ26 | 21 Ω 57 | 26 m/34 | 28804 | 23 Д 59 | 21 ഇ24 | 23 ⋒03 | 27 m/42 | 29800 | 24 II 54 | 22©23 | 24⋒09 | 28 m 51 |
| 13S | 26857 | 22 11 43 | 20ഇ01 | 21 N 42 | 26 m 33 | 27853 | 23 Д 37 | 20ഇ59 | 22⋒48 | 27 m/42 | 28849 | 24 Д 32 | 21958 | 23 N 55 | 28 m 51 |
| 14S | 26846 | 22 Д 21 | 19ഇ36 | 21 227 | 26 m, 32 | 27842 | 23 Д 16 | 20ഇ34 | 22 A 33 | 27 m/41 | 28839 | 24 Д 10 | 21 5 33 | 23 € 40 | 28 m 50 |
| 15S | 26836 | 22П00 | 19\$10 | 21 & 11 | 26 m/31 | 27832 | 22П54 | 20 ഇ 09 | 22 A 18 | 27 m/41 | 28828 | 23 Д 49 | 21 5 08 | 23 № 25 | 28 m 50 |
| 16S | 26825 | 21 Д 38 | 18545 | 20255 | 26 m 30 | 27821 | 22 Д 32 | 19543 | 22202 | 27 m 40 | 28817 | 23 Д27 | 20542 | 23 \Omega 10 | 28 m 50 |
| 17S | 26814 | 21 11 16 | 18918 | 20.038 | 26 m 29 | 27810 | 22 П 10 | 19517 | 21 0 46 | 27 m 39 | 28806 | 23 11 04 | 20516 | 22.054 | 28 m 49 |
| 18S 19S | 26 8 03 25 8 53 | 20 II 54 20 II 31 | 17©52 17©25 | 20Ω21 20Ω04 | 26 m/29 26 m/28 | 26 8 59 26 8 48 | 21 II 48 21 II 25 | 18©51 18©24 | 21 \Omega 29 21 \Omega 12 | 27 m/39 27 m/38 | 27855 27844 | 22 II 42 22 II 19 | 19©50 19©23 | 22 \Omega 38 22 \Omega 21 | 28 m/49 28 m/49 |
| | | | | | | | | | | | | | | | |
| 20S 21S | 25 8 42 25 8 31 | 20II 08 19II 46 | 16ඉ57 16ඉ29 | 19Ω46 19Ω28 | 26 m/27 26 m/26 | 26 8 37 26 8 26 | 21 II 02 20 II 40 | 17©56 17©28 | 20Ω55 20Ω37 | 27 m 38 27 m 37 | 27833 27822 | 21 II 57 21 II 33 | 18©56 18©28 | 22 Ω 04 21 Ω 47 | 28 m/49 28 m/48 |
| 21S 22S | 25819 | 19 Д 46 | 16929 | 198128 19Ω10 | 26 m/ 25 | 26815 | 20 II 40 20 II 16 | 17900 | 203137 $20\Omega19$ | 27 mg 36 | 27810 | 21 II 33 21 II 10 | 17959 | 21 <i>Ω</i> 29 | 28 m 48 |
| 23S | 25808 | 18II 59 | 15532 | 18251 | 26 m 23 | 26803 | 19П53 | 16931 | 20200 | 27 m/ 35 | 26859 | 20 Д 47 | 17930 | 21 11 | 28 m 47 |
| 24S | 24857 | 18Д35 | 15ഇ02 | 18 Ω 31 | 26 m/22 | 25852 | 19П29 | 16ഇ01 | 19⋒41 | 27 m/35 | 26847 | 20П23 | 17ഇ01 | 20⋒52 | 28 m/47 |
| 25S | 24845 | 18П11 | 14932 | 18 Ω 11 | 26 m/21 | 25840 | 19П05 | 15931 | 19ຄ21 | 27 m/34 | 26835 | 19П58 | 16930 | 20 Ω 32 | 28 m/47 |
| 26S | 24834 | 17Ⅲ47 | 14901 | 17£50 | 26 m/20 | 25829 | 18Ⅲ40 | 15ഇ00 | 19 Ω 01 | 27 m 33 | 26823 | 19П34 | 16ഇ00 | 20 Ω 12 | 28 m/46 |
| 27S | 24822 | 17П22 | 13529 | 17.028 | 26 m 19 | 25817 | 18116 | 14528 | 18Ω40 | 27 m 32 | 26811 | 19П09 | 15528 | 19 0 52 | 28 m 46 |
| 28S 29S | 24 8 10 23 8 58 | 16II 57 16II 32 | 12©57 12©24 | 17Ω06 16Ω43 | 26 m, 18 26 m, 17 | 25 8 05 24 8 52 | 17 II 50 17 II 25 | 13©56 13©23 | 18 A 18 17 A 55 | 27 m/32 27 m/31 | 25 8 59 25 8 47 | 18 II 44 18 II 18 | 14©56 14©23 | 19Ω30 19Ω08 | 28 m 46 28 m 45 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 23 8 46 23 8 33 | 16II 06 15II 40 | 11©50 11©16 | 16Ω19 15Ω55 | 26 m 15 26 m 14 | 24840 24827 | 16 II 59 16 II 33 | 12 9 49 | 17Ω32 17Ω08 | 27 m/30 27 m/29 | 25 8 34 25 8 22 | 17 Д 52 17 Д 25 | 13549 13514 | 18Ω45 18Ω22 | 28 m/45 28 m/44 |
| 32S | 23821 | 15 II 13 | 10940 | 15 N 29 | 26 m 13 | 24815 | 16 I I06 | 11939 | 16Ω43 | 27 m/ 28 | 25809 | 16 Д 58 | 12938 | 17Ω57 | 28 m 44 |
| 33S | 23808 | 14耳46 | 10ഇ04 | 15Ω03 | 26 m/11 | 24802 | 15Д38 | 11502 | 16Ω17 | 27 m/27 | 24855 | 16П31 | 12502 | 17£32 | 28 m/43 |
| 34S | 22855 | 14П19 | 9926 | 14£36 | 26 m, 10 | 23848 | 15П10 | 10ഇ25 | 15 A 50 | 27 m, 26 | 24842 | 16П02 | 11524 | 17Ω05 | 28 m/43 |
| 35S | 22841 | 13 Д 50 | 8948 | 14£07 | 26 m/08 | 23835 | 14 I I42 | 9946 | 15⋒22 | 27 m/ 25 | 24828 | 15 Д 34 | 10ഇ45 | 16⋒37 | 28 m 42 |
| 36S | 22828 | 13 Д 22 | 8908 | 13 Ω 37 | 26 m 07 | 23821 | 14 Д 13 | 9907 | 14Ω53 | 27 m 24 | 24815 | 15 Д 05 | 10506 | 16Ω09 | 28 m 42 |
| 37S | 22814 | 12 Д 52 | 7528 | 13 0 0 0 6 | 26 m 05 26 m 03 | 23807 | 13 II 44 | 8526 | 14 \Q 22 | 27 m 23 27 m 22 | 24800 | 14 Д 35 | 9925 | 15 Ω 38 | 28 m 41 |
| 38S 39S | 21846 | 12 II 22 11 II 52 | 6 9 46 6 9 02 | 128134 12\Omega 00 | 26 m 02 | 22838 | 13 II 13 12 II 42 | 79944 79900 | 130130 | 27 m 21 | 23831 | 13 Д 33 | 8 9 42 7 9 59 | 15Ω07 14Ω34 | 28 m/41 28 m/40 |
| | | | | | | | | | 12Ω42 | | | | | | |
| 40S 41S | 21831 21816 | 11 II 20 10 II 48 | 5গু18 4গু32 | 11Ω24 10Ω47 | 26 m 00 25 m 58 | 22824 22808 | 12 II 11 11 11 11 11 11 11 11 11 11 11 11 | 6©16 5©29 | 128142 12Ω05 | 27 m 20 27 m 18 | 23816 23801 | 13 Д 01 12 Д 29 | 7©14 6©27 | 14Ω00 13Ω23 | 28 m/40 28 m/39 |
| 42S | 21800 | 10 II 16 | 3944 | 10Ω08 | 25 m/ 56 | 21853 | 11 11 05 | 4941 | 11 Ω 26 | 27 mg 17 | 22845 | 11 Д 55 | 5939 | 12 \Omega 45 | 28 m/ 38 |
| 43S | 20845 | 9П42 | 2955 | 9ຄ27 | 25 m 54 | 21837 | 10Д31 | 3 952 | 10Ω45 | 27 m 16 | 22829 | 11 Д21 | 49 | 12Ω05 | 28 m/38 |
| 44S | 20828 | 9П07 | 2904 | 8 Ω 43 | 25 m 51 | 21820 | 9П57 | 3501 | 10⋒02 | 27 mg 14 | 22812 | 10П46 | 3958 | 11 A 22 | 28 m 37 |
| 45S | 20812 | 8П32 | 19512 | 7£57 | 25 m/49 | 21804 | 9П21 | 2ഇ08 | 9Ω17 | 27 m 13 | 21855 | 10П10 | 3©04 | 10£37 | 28 m/36 |
| 46S | 19855 | 7П56 | 0917 | 7£09 | 25 m 47 | 20846 | 8Д44 | 1913 | 8£29 | 27 m 11 | 21838 | 9Д33 | 2509 | 9250 | 28 m 35 |
| 47S | 19837 | 7II 18 | 29 II 21 | 6Ω17 | 25 m 44 | 20829 | 8П06 | 0©16 | 7£38 | 27 m 09 | 21820 | 8П55 | 1911 | 8 N 59 | 28 m 34 |
| 48S 49S | 19 8 19 | 6 I I40 | 28 II 22 27 II 21 | 5Ω23 4Ω25 | 25 m/41 25 m/38 | 20 8 10 19 8 51 | 7 II 28 6 II 48 | 29 II 17 28 II 15 | 6Ω44 5Ω46 | 27 m, 07 27 m, 05 | 21801 20842 | 8П15 7П35 | 0©11 29∏09 | 8 N 06 7 N 08 | 28 m/33 28 m/32 |
| 50S | 18842 | 5Π20 | 26 II 18 | 3 \Omega 23 | 25 m 35 | 19832 | 6П06 | 27 II 11 | 4Ω44 | 27 m 03 | 20822 | 6П53 | 28II 05 | 6Ω07 | 28 m/ 31 |
| 50S 51S | 18822 | 3 II 20 4 II 38 | 25 II 12 | 2Ω16 | 25 m 32 | 19832 | 5П24 | 26II 04 | 3 N 38 | 27 mg 03 | 20822 | 6Д10 | 26 II 57 | 5 N 01 | 28 m 30 |
| 52S | 18802 | 3 II 54 | 24 II 03 | 1 205 | 25 m/ 28 | 18851 | 4 II 40 | 24 II 55 | 2 N 27 | 26 m 59 | 19841 | 5П26 | 25 II 47 | 3 N 51 | 28 m/ 29 |
| 53S | 17840 | 3П10 | 22 II 52 | 29549 | 25 m/24 | 18830 | 3Д55 | 23 11 43 | 1Ω11 | 26 m 56 | 19819 | 4 I I40 | 24II34 | 2⋒35 | 28 m 28 |
| 54S | 17819 | 2П23 | 21 Д38 | 28ഇ28 | 25 m, 20 | 18808 | 3П08 | 22П28 | 29ഇ50 | 26 m 53 | 18857 | 3 Д 53 | 23 Д 18 | 1Ω13 | 28 m/26 |
| 55S | 16856 | 1Д35 | 20П20 | 26©59 | 25 m/16 | 17845 | 2П19 | 21П09 | 28©21 | 26 m 50 | 18834 | 3 Д 03 | 21 Д 58 | 29\$45 | 28 m 25 |
| 56S | 16832 | 0П46 | 18Д59 | 25@24 | 25 m 11 | 17821 | 1 Д 29 | 19П47 | 26946 | 26 m 47 | 18809 | 2Д13 | 20耳35 | 28509 | 28 m 23 |
| 57S 58S | 16 8 08 15 8 42 | 29 8 55 29 8 01 | 17 II 35 16 II 07 | 23©41 21©49 | 25 m, 05 24 m, 59 | 16 8 56 16 8 30 | 0П37 29В43 | 18П21 16П52 | 25©02 23©10 | 26 m 43 26 m 39 | 17844 17818 | 1 II 20 0 II 25 | 19П08 17П37 | 26©25 24©32 | 28 m 21 28 m 19 |
| 59S | 15816 | 28806 | 14 II 35 | 19949 | 24 m 53 | 16803 | 28847 | 15 II 19 | 23910 | 26 m 35 | 16850 | 29829 | 16耳03 | 22528 | 28 m 17 |
| 60S | 14848 | 27809 | 12П59 | 17936 | 24 m/46 | 15835 | 27849 | 13 II 41 | 18953 | 26 m/30 | 16822 | 28830 | 14 I I24 | 20@13 | 28 m 15 |
| 61S | 14819 | 26809 | 11 п 19 | 159512 | 24 m/ 38 | 15806 | 26849 | 12 Д 00 | 16933 | 26 m 25 | 15852 | 27828 | 12 Д 40 | 179645 | 28 mg 12 |
| 62S | 13849 | 25807 | 9П35 | 12535 | 24 m/29 | 14835 | 25846 | 10 II 13 | 13548 | 26 m 19 | 15821 | 26824 | 10 Д 52 | 15503 | 28 m 09 |
| 63S | 13817 | 24803 | 7П46 | 9943 | 24 m 19 | 14803 | 24840 | 8П22 | 10ഇ53 | 26 m 12 | 14848 | 25818 | 8П59 | 12505 | 28 m 06 |
| 64S | 12 14 14 | 22856 | 5 II 52 | 6936 | 24 mj 07 | 13829 | 23832 | 6П27 | 7942 | 26 mg 04 | 14814 | 24809 | 7П01 | 8950 | 28 m, 02 |
| - 1 | 12844 | | | | | | | | | | | | | | |
| 65S | 12809 | 21846 | 31153 | 3513 | 23 m 53 | 12853 | 22821 | 4II26 | 49514 | 25 m 55 | 13838 | 22857 | 4II58 | 5917 | 27 m 57 |
| - 1 | | | 3Д53 1Д50 0Д39 | 3©13 29 II 33 27 II 21 | 23 m 53 23 m 38 23 m 28 | 12853 12816 11854 | 22821 21807 20824 | 4П26 2П20 1П07 | 4©14 0©28 28∏13 | 25 m 55 25 m 45 25 m 38 | 13838 12859 12837 | 22857 21841 20858 | 4 II 58 2 II 50 1 II 36 | 5©17 1©24 29∏05 | 27 m 57 27 m 52 27 m 49 |

| | Sid.Tir MC: | | 0m AR 0'53 | MC: 30 | °00' | Sid.Tir MC: | | 4m AR 3'15 | MC: 31 | °00' | Sid.Tii MC: | | 8m AR 5'27 | RMC: 32 | 2°00' |
|------------|----------------------------------|----------------------------------|----------------------------------|----------------------|-------------------|----------------------------------|----------------------------------|----------------------|------------------------------|----------------|----------------------------------|------------------------|----------------------------------|------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 2п05 | 0000 | 27©54 | 27 & 49 | 0₽00 | 3п02 | 0ഇ55 | 28\$52 | 28£51 | 1 2 0 5 | 3Д59 | 1950 | 29\$49 | 29 a 54 | 2₽10 |
| 1S | 1耳54 | 29П39 | 27933 | 27£37 | 0₽00 | 2П51 | 0934 | 28\$30 | 28⋒40 | 1 2 0 5 | 3П48 | 1 5 2 9 | 29ഇ28 | 29 ₪ 43 | 2₽11 |
| 2S | 1 11 43 | 29П18 | 27511 | 27.0.13 | 0 ₽ 00 | 2 11 41 | 0913 | 28509 | 28 228 | 1 2 0 5 | 3Д37 | 1508 | 29506 | 29 231 | 2 € 11 |
| 3S 4S | 1 II 33 1 II 22 | 28 II 57 28 II 37 | 26949 26927 | 27Ω13 27Ω01 | 0호00 0호00 | 2П30 2П19 | 29 II 52 29 II 32 | 279547 27925 | 28 N 16 28 N 04 | 1 <u>2 06</u> | 3 II 27 3 II 16 | 0948 0927 | 28 9 45 28 9 23 | 29 Ω 20 29 Ω 09 | 2 <u>₽</u> 12 |
| 5S | 1Д11 | 28 II 16 | 26904 | 26Ω48 | 0₽00 | 2п08 | 29 II 11 | 27903 | 27£52 | 1 2 06 | 3п05 | 0906 | 28901 | 28£57 | 2 2 13 |
| 6S | 1 Д 11 | 27 II 55 | 259642 | 26Ω36 | 0호00 | 1 Д 57 | 29II 11 28II 50 | 26940 | 278632 27040 | 1206 | 2 Д 54 | 29 II 45 | 27939 | 28 N 45 | 2 2 2 13 |
| 7S | 0П50 | 27II34 | 25@19 | 26 € 23 | 0 ₽ 00 | 1 Д 47 | 28II 29 | 26518 | 27 A 28 | 1 2 07 | 2П43 | 29 Д 24 | 27516 | 28 £ 33 | 2 2 1 4 |
| 8S | 0Д39 | 27 Д 13 | 24956 | 26⋒10 | 0 = 00 | 1Д36 | 28П08 | 25@55 | 27Ω15 | 1 2 07 | 2Д32 | 29 Д 03 | 26954 | 28⋒21 | 2 ≏ 14 |
| 9S | 0П29 | 26П52 | 24933 | 25 25 57 | 0₽00 | 1П25 | 27П47 | 25@32 | 27£02 | 1 ₾ 07 | 2П22 | 28 Д 42 | 26531 | 28Ω08 | 2 2 15 |
| 10S | 01118 | 26П31 | 24910 | 25 € 43 | 0₽00 | 1 🏻 14 | 27П26 | 25ഇ08 | 26⋒49 | 1 ₾ 08 | 2П11 | 28 Д21 | 26ഇ07 | 27 A 55 | 2 ≏ 15 |
| 118 | 0П07 | 26 II 10 | 23546 | 25 \O 30 | 0 ₽ 00 | 1 11 04 | 27 II 04 | 249645 | 26.036 | 1 2 08 | 2Д00 | 27 Д 59 | 25 5 30 | 27 \Q 43 | 2 2 16 |
| 12S 13S | 29 8 56 29 8 46 | 25 II 48 25 II 27 | 23©22 22©57 | 25 Ω 16 25 Ω 02 | 0호00 0호00 | 0П53 0П42 | 26 II 43 26 II 21 | 24©21 23©56 | 26Ω22 26Ω09 | 1요08 1요08 | 1Д49 1Д38 | 27 II 38 27 II 16 | 25©20 24©56 | 27Ω29 27Ω16 | 2 <u>₽</u> 17 2 <u>₽</u> 17 |
| 14S | 29835 | 25 II 05 | 22937 | 24Ω47 | 0 2 00 | 0П42 | 26 II 00 | 23@32 | 25 N 55 | 1 2 0 0 9 | 1 Д 38 | 26 II 54 | 24931 | 27 Ω 02 | 2 □ 18 |
| 15S | 29824 | 24 II 43 | 22507 | 24Ω32 | 0₽00 | 0П20 | 25 Д 38 | 23507 | 25Ω40 | 1 2 09 | 1п16 | 26 Д 32 | 24506 | 26 N 48 | 2 <u>₽</u> 18 |
| 16S | 29813 | 24 II 21 | 219642 | 24 & 17 | 0₽00 | 0П09 | 25 II 16 | 229341 | 25 Ω 26 | 1 = 09 | 1 п 04 | 26 II 10 | 239341 | 26 Ω 34 | 2 2 1 9 |
| 17S | 29802 | 23 Д 59 | 21©16 | 24⋒02 | 0₽00 | 29858 | 24II53 | 22©15 | 25 ₪ 11 | 1 ₾ 10 | 0П53 | 25 II 48 | 23\$15 | 26 € 19 | 2 🕰 20 |
| 18S | 28851 | 23 Д 36 | 20549 | 23 0.46 | 0 ₽ 00 | 29846 | 24 II 31 | 21 549 | 24 2 5 5 | 1 🖴 10 | 0П42 | 25 II 25 | 22549 | 26 Ω 04 | 2 € 20 |
| 19S | 28840 | 23 П 14 | 20ഇ22 | 23 \Omega 30 | 0호00 | 29835 | 241108 | 21 5 22 | 24£39 | 1 ₾ 10 | 0П30 | 25 П 02 | 22522 | 25 € 49 | 2 ≏ 21 |
| 20S | 28828 | 22 Д 51 | 19555 | 23 Ω 14 22 Ω 57 | 0000 | 29824 | 23 Д 45 | 20@55 | 24 \Q 23 | 1011 | 0П19 | 24 II 39 | 21@55 | 25 A 33 | 2 € 21 |
| 21S 22S | 28 8 17 28 8 05 | 22 II 28 22 II 04 | 19 © 27 18 © 59 | 228137 22\Omega39 | 0호00 0호00 | 29 8 12 29 8 01 | 23 II 22 22 II 58 | 20©27 19©59 | 24Ω07 23Ω50 | 1 <u>0</u> 11 | 0П07 29 8 56 | 24 II 16 23 II 52 | 21©28 20©59 | 25 Ω 17 25 Ω 01 | 2 <u>⊕</u> 22 2 <u>⊕</u> 23 |
| 23S | 27854 | 21 II 40 | 18930 | 22.0.21 | 0 <u>0</u> 00 | 28849 | 22 II 34 | 19930 | 23 \Quad 32 | 1 🖴 1 1 | 29844 | 23 II 28 | 20930 | 24 \Omega 43 | 2 2 2 4 |
| 24S | 27842 | 21 II 16 | 18ഇ00 | 22 🛭 03 | 0₽00 | 28837 | 22 II 10 | 19©01 | 23 ຄ 14 | 1 🕰 12 | 29832 | 23 Д 04 | 20ഇ01 | 24⋒26 | 2 ≏ 24 |
| 25S | 27830 | 20П52 | 17930 | 21 ₪ 44 | 0₽00 | 28825 | 21 Д46 | 18\$30 | 22 A 56 | 1 ₾ 12 | 29820 | 22 Д 40 | 19\$31 | 24 A 08 | 2 2 25 |
| 26S | 27818 | 20П27 | 16ഇ59 | 21 & 24 | 0 = 00 | 28813 | 21 Д21 | 18500 | 22 A 36 | 1 🕰 13 | 29808 | 22 Д 15 | 19500 | 23 ⋒49 | 2 ≏ 26 |
| 27S | 27806 | 20П02 | 16928 | 21 \(\O 04 \) | 0 ₽ 00 | 28801 | 20П56 | 17528 | 22 \Omega 17 | 1 ₾ 13 | 28855 | 21 Д49 | 18529 | 23 \Quad 30 | 2 <u>2</u> 27 |
| 28S 29S | 26 8 54 26 8 41 | 19 I I37 | 15©56 15©22 | 20Ω43 20Ω21 | 0호00 0호00 | 27848 27836 | 20 II 30 20 II 04 | 16©56 16©23 | 21 \Omega 56 21 \Omega 35 | 1 <u>0</u> 13 | 28 8 43 28 8 30 | 21 II 23 20 II 57 | 17©56 17©23 | 23 \Omega 10 22 \Omega 49 | 2 <u>a</u> 27 2 <u>a</u> 28 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 26 8 29 26 8 16 | 18II 45 18II 18 | 14949 14914 | 19Ω59 19Ω36 | 0호00 0호00 | 27823 27810 | 19 I I38 | 15©49 15©14 | 21 Ω 13 20 Ω 50 | 1 <u>□</u> 14 | 28 8 17 28 8 04 | 20 II 31 20 II 04 | 16 © 49 | 22 \Omega 28 22 \Omega 06 | 2 <u>2</u> 29 |
| 32S | 26803 | 17II51 | 13@38 | 19 & 12 | 0 ₽ 00 | 26856 | 18 I I43 | 14938 | 20 Ω27 | 1 2 15 | 27850 | 19 Д 36 | 15@39 | 21 \Omega 43 | 2-231 |
| 33S | 25849 | 17П23 | 13501 | 18Ω47 | 0₽00 | 26843 | 18 I I15 | 14501 | 20 A 02 | 1 2 16 | 27837 | 19П08 | 15©02 | 21 21 19 | 2 ≏ 32 |
| 34S | 25836 | 16П55 | 12©24 | 18£21 | 0∞00 | 26829 | 17П47 | 13524 | 19£37 | 1 2 16 | 27823 | 18П39 | 14524 | 20⋒54 | 2 ≏ 33 |
| 35S | 25822 | 16П26 | 119645 | 17£53 | 0 = 00 | 26815 | 17 I 18 | 12945 | 19 Ω 10 | 1 🕰 17 | 27809 | 18П10 | 13545 | 20 № 28 | 2 ≏ 34 |
| 36S | 25808 | 15 II 56 | 11505 | 17.Ω25 | 0 ₽ 00 | 26801 | 16 11 48 | 12505 | 18 0 12 | 1 2 17 | 26854 | 17II40 | 13505 | 20 000 | 2 2 35 |
| 37S 38S | 24854 | 15 II 26 14 II 56 | 10©24 9©41 | 16Ω56 16Ω25 | 0 a 00 | 25 8 47 25 8 32 | 16Π18 15π47 | 11©23 10©41 | 18Ω13 17Ω43 | 1 <u>0</u> 18 | 26 8 40 | 17 II 10 16 II 39 | 12523 | 19 A 32 | 2 <u>0</u> 36 |
| 39S | 24824 | 14 Д 24 | 8957 | 15Ω52 | 0 2 00 | 25817 | 15 II 15 | 9957 | 17011 | 1 2 19 | 26810 | 16月07 | 10957 | 18£31 | 2 <u>0</u> 38 |
| 40S | 24809 | 13 П 52 | 8912 | 15 a 18 | 0₽00 | 25801 | 14 II 43 | 9 © 11 | 16Ω38 | 1 2 19 | 25854 | 15 Д 34 | 10511 | 17Ω58 | 2₽39 |
| 41S | 23853 | 13 Д 19 | 7925 | 14 \Omega 43 | 0₽00 | 24846 | 14 I I10 | 8524 | 16Ω03 | 1 20 | 25838 | 15 II 01 | 9924 | 17Ω24 | 2 2 41 |
| 42S | 23837 | 12П46 | 6937 | 14⋒05 | 0 = 00 | 24829 | 13 Д 36 | 7ള36 | 15 ຄ26 | 1 2 21 | 25822 | 14П26 | 8গু35 | 16Ω47 | 2 ≏ 42 |
| 43S | 23821 | 12 II 11 | 5947 | 13 \Omega 25 | 0 ₽ 00 | 24813 | 13 11 01 | 6945 | 14 0 05 | 1 221 | 25805 | 13 Д 51 | 79544 | 16 0 0 0 9 | 2 2 4 3 |
| 44S | 23804 | 11 11 35 | 4955 | 12Ω43 | 0 ₽ 00 | 23856 | 12 11 25 | 5953 | 14Ω05 | 1 ₾ 22 | 24848 | 13 Д 15 | 6951 | 15 Ω 28 | 2 2 45 |
| 45S 46S | 22847 22829 | 10П59 10П22 | 4901 3905 | 11Ω59 11Ω12 | 0호00 0호00 | 23 8 38 23 8 20 | 11 II 48 11 II 10 | 4©59 4©02 | 13 Ω 22 12 Ω 35 | 1 <u>□</u> 23 | 24830 24812 | 12 Д38 12 Д00 | 5957 5900 | 14Ω45 14Ω00 | 2 2 46 2 2 48 |
| 40S 47S | 22811 | 9П43 | 2907 | 11 8 C 12 10 Ω 22 | 0판00 | 23820 | 10 Д 32 | 3©04 | 11 Ω46 | 1 2 2 4 | 23853 | 11 Д20 | 4901 | 13 Ω 11 | 2 <u>0</u> 48 |
| 48S | 21852 | 9П03 | 1907 | 9Ω29 | 0₽00 | 22843 | 9П51 | 2903 | 10 ຄ 53 | 1 26 | 23834 | 10П40 | 2959 | 12 19 | 2 2 52 |
| 49S | 21833 | 8П22 | 0ഇ04 | 8£32 | 0 = 00 | 22823 | 9П10 | 0ഇ59 | 9⋒57 | 1 227 | 23814 | 9П58 | 1955 | 11 Ω23 | 2₽54 |
| 50S | 21813 | 7 I I40 | 28П59 | 7⋒31 | 0 = 00 | 22803 | 8П27 | 29П53 | 8 Ω 57 | 1 228 | 22854 | 9П15 | 0ഇ49 | 10 ຄ23 | 2₽56 |
| 51S | 20852 | 6H57 | 27 II 51 | 6Ω26 | 0000 | 21842 | 7 II 43 | 28 II 45 | 7.0.52 | 1 229 | 22832 | 8Д30 | 29 Д 39 | 9.019 | 2 2 5 8 |
| 52S 53S | 20831 20809 | 6П12 5П25 | 26 II 40 25 II 26 | 5Ω16 4Ω00 | 0호00 0호00 | 21 821 20 858 | 6Д58 6Д11 | 27 II 33 26 II 18 | 6Ω42 5Ω27 | 1 <u>0</u> 30 | 22811 21848 | 7 II 44 6 II 57 | 28П27 27П11 | 8 N 10 6 N 56 | 3 <u>0</u> 00 |
| 54S | 19846 | 3H23 4H37 | 23 II 20 24 II 08 | 2£39 | 0호00 | 20835 | 5П22 | 25 II 00 | 4Ω06 | 1 2 3 3 | 21824 | 6П08 | 25 II 51 | 5 N 35 | 3 2 0 6 |
| 55S | 19822 | 3П48 | 22П48 | 1 & 10 | 0₽00 | 20811 | 4II32 | 23 Д38 | 2ຄ38 | 1 2 34 | 21800 | 5П17 | 24П29 | 4Ω07 | 3 ₾ 09 |
| 56S | 18858 | 2П56 | 21 Д23 | 29ഇ34 | 0 ₪ 00 | 19846 | 3П40 | 22 II 12 | 1 № 02 | 1 2 3 6 | 20835 | 4II24 | 23 Д 02 | 2031 | 3 <u>□</u> 12 |
| 57S | 18832 | 2П03 | 19П55 | 27950 | 0₽00 | 19820 | 2П46 | 20 Д 43 | 29917 | 1 - 2 3 8 | 20808 | 3 Д 29 | 21 Д31 | 0Ω46 | 3 △ 16 |
| 58S | 18806 | 1 1 0 7 | 18 II 23 | 25@56 | 0 ₽ 00 | 18853 | 1 II 50 | 19耳09 | 27523 | 1 2 40 | 19841 | 2Д32 | 19П56 | 28551 | 3 € 20 |
| 598 | 17838 | 0 II 10 | 16 11 47 | 23@52 | 0 ₽ 00 | 18825 | 0П51 | 17 II 32 | 25917 | 1 2 42 | 19812 | 1 1 1 3 3 | 18 I 17 | 26545 | 3 <u>2</u> 24 |
| 60S 61S | 17809 16838 | 29 8 10 28 8 08 | 15 II 06 13 II 21 | 21©35 19©05 | 0호00 0호00 | 17856 17825 | 29 8 51 28 8 48 | 15 Д 49 14 Д 02 | 22©59 20©28 | 1요44 1요47 | 18843 18811 | 0Д32 29 8 28 | 16Д33 14Д44 | 24©26 21©53 | 3 <u>₽</u> 29 |
| 62S | 16807 | 27803 | 13 Д 21 | 19903 | 0판00 | 16853 | 27842 | 14 II 02 12 II 10 | 20@28 17@41 | 1247 | 17839 | 28821 | 14 Д 44 | 19503 | 3 2 40 |
| 63S | 15833 | 25856 | 9Д36 | 13519 | 0₽00 | 16819 | 26834 | 10 Д 13 | 14536 | 1 2 5 3 | 17804 | 27811 | 10Д51 | 15955 | 3 <u>□</u> 47 |
| 64S | 14859 | 24845 | 7Ц36 | 10ഇ00 | 0₽00 | 15843 | 25822 | 8П11 | 115613 | 1 ₾ 57 | 16828 | 25859 | 8Ц46 | 12527 | 3 ≏ 55 |
| 65S | 14822 | 23832 | 5П31 | 6ණ22 | 0 = 00 | 15806 | 24808 | 6П03 | 7ഇ29 | 2 🕰 02 | 15850 | 24844 | 6П36 | 8538 | 4≗04 |
| 66S | 13843 | 22816 | 3 Д 20 | 2523 | 0 ₽ 00 | 14827 | 22850 | 3 Д 50 | 3523 | 2 2 07 | 15810 | 23825 | 4II 20 | 4925 | 4 <u>0</u> 14 |
| pc | 13820 | 21831 | 2П05 | 0ක00 | 0 ₪ 00 | 14804 | 22805 | 2П34 | 0ණ55 | 2 2 1 0 | 14847 | 22839 | 3П02 | 1953 | 4 <u>₽</u> 21 |

| | Sid.Tir MC: | | 2m AR 7'29 | RMC: 33 | °00' | Sid.Tir MC: | | 6m AR 9'20 | MC: 34 | l°00' | Sid.Tir MC: | ne: 2h20 782 | 0m AR | MC: 35 | 5°00' |
|------------|----------------------------------|----------------------|----------------------------------|--------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|------------------------|---------------------------------|--|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 4П56 | 2945 | 0 Ω 47 | 0 mp 57 | 3 ≏ 16 | 5Д53 | 3540 | 1 Q 45 | 2 m, 00 | 4 <u>₽</u> 21 | 6Д50 | 4935 | 2 N 43 | 3 m ₂ 03 | 5 ≏ 26 |
| 1S | 4 I I45 | 2524 | 0ຄ26 | 0 mg 46 | 3 △ 16 | 5П42 | 3519 | 1 ຄ24 | 1 m/49 | 4≏22 | 6П39 | 49514 | 2 N 22 | 2 m 53 | 5 2 28 |
| 2S | 4II34 | 2503 | 0Ω04 | 0 m 35 | 3 △ 17 | 5 II 31 | 2958 | 1 0 0 3 | 1 m 39 | 4 <u>₽</u> 23 | 6П28 | 3554 | 2001 | 2 m 43 | 5 ₾ 29 |
| 3S 4S | 4П23 4П12 | 1 5 4 3 1 5 2 2 | 29 © 43 29 © 21 | 0 m, 24 0 m, 13 | 3 <u>₽</u> 18 | 5 II 20 5 II 09 | 2 9 38 2 9 17 | 0 ຄ 41 0 ຄ 20 | 1 m, 28 1 m, 17 | 4 <u>0</u> 24 4 <u>0</u> 25 | 6П16 6П05 | 3 9 3 3 3 9 1 2 | 1Ω40 1Ω19 | 2 m/32 2 m/22 | 5 <u>⊕</u> 30 |
| 5S | 4Π02 | 1901 | 29500 | 0 mp 01 | 3 - 19 | 4II58 | 1956 | 29958 | 1 m ₂ 06 | 4 <u>₽</u> 26 | 5П54 | 2951 | 0Ω57 | 2 m ₂ 11 | 5 - 33 |
| 6S | 3 II 51 | 0940 | 29900 | 29250 | 3 2 20 | 4 II 47 | 1935 | 29936 | 0 m ₂ 55 | 4 <u>2</u> 20 | 5 Д 34 | 2931 | 02237 0235 | 2 mg 00 | 5 2 3 4 |
| 7S | 3П40 | 0519 | 28915 | 29⋒38 | 3 2 21 | 4 I I36 | 19514 | 29514 | 0 mg 44 | 4≘28 | 5Д32 | 2509 | 0Ω14 | 1 m, 49 | 5 2 35 |
| 8S | 3 Д 29 | 29П58 | 27ॼ53 | 29 26 | 3 ₾ 22 | 4II25 | 0ഇ53 | 28\$52 | 0 mg 32 | 4≗29 | 5Д21 | 19548 | 29ഇ51 | 1 m, 38 | 5 ≙ 37 |
| 9S | 3 Д 18 | 29П37 | 27930 | 29 ₪ 14 | 3 ₾ 23 | 4П14 | 0932 | 28\$29 | 0 m, 20 | 4요30 | 5П10 | 1 5 2 7 | 29\$29 | 1 m, 27 | 5 ≏ 38 |
| 10S | 3П07 | 29П16 | 27507 | 29⋒02 | 3 ≏ 23 | 4II03 | 0911 | 28506 | 0 m, 08 | 4 <u>0</u> 31 | 4П59 | 1506 | 29506 | 1 m ₂ 15 | 5 2 39 |
| 118 | 2II 56 | 28 Д 54 | 26943 | 28 0 49 | 3 2 24 | 3 Д 52 | 29 Д 49 | 27543 | 29256 | 4 <u>0</u> 32 | 4H48 | 0944 | 28543 | 1 m 04 | 5 2 41 |
| 12S 13S | 2П45 2П34 | 28 II 33 28 II 11 | 26©20 25©56 | 28Ω37 28Ω24 | 3 <u>a</u> 25 3 <u>a</u> 26 | 3 II 41 3 II 30 | 29 II 28 29 II 06 | 27©19 26©56 | 29 A 44 29 A 31 | 4 <u>0</u> 34 | 4П37 4П25 | 0s23 0s01 | 28©20 27©56 | 0 m ₂ 52 0 m ₂ 39 | 5 ≗ 42 5 ≗ 44 |
| 14S | 2 Д 23 | 27 Д 49 | 25@31 | 28 £ 10 | 3 <u>2</u> 27 | 3 Д 18 | 28 II 44 | 26931 | 29 A 18 | 4 <u>0</u> 36 | 4H14 | 29 Д 39 | 27932 | 0 m/ 27 | 5 2 45 |
| 15S | 2П11 | 27П27 | 25©06 | 27Ω57 | 3 <u>₽</u> 28 | 3П07 | 28П22 | 26©07 | 29 A 05 | 4 <u>₽</u> 37 | 4H03 | 29П17 | 27907 | 0 m 14 | 5 2 46 |
| 16S | 2П00 | 27II 05 | 24941 | 27 £ 43 | 3 € 29 | 2П56 | 28 II 00 | 259642 | 28£63 | 4 <u>0</u> 38 | 3Д51 | 28 Д 55 | 26942 | 0 mg 01 | 5 △ 48 |
| 17S | 1 Д 49 | 26 11 42 | 24915 | 27 û 29 | 3 ₾ 30 | 2П44 | 27Д37 | 25ഇ16 | 28£38 | 4 🕰 40 | 3П40 | 28 Д 32 | 26917 | 29 ₪ 48 | 5 ≙ 49 |
| 18S | 1 Д 37 | 26 II 20 | 23549 | 27 \O 14 | 3 ₾ 31 | 2Д33 | 27 II 14 | 24950 | 28 224 | 4941 | 3 Д 28 | 28月09 | 25@51 | 29 234 | 5 2 51 |
| 19S | 1П26 | 25 11 57 | 23523 | 26259 | 3 △ 31 | 2П21 | 261151 | 24524 | 28209 | 4 <u>∞</u> 42 | 3П16 | 27 11 46 | 25@25 | 29 20 | 5 2 53 |
| 208 | 1 II 14 | 25 II 34 | 22556 | 26 0 28 | 3 <u>0</u> 32 | 2П09 | 26 II 28 | 23©57 23©29 | 27.054 | 4 <u>0</u> 43 | 3 Д 04 | 27 II 23 | 24558 | 29 A 051 | 5 2 54 |
| 21S 22S | 1Д03 0Д51 | 25 II 10 24 II 47 | 22©28 22©00 | 26Ω28 26Ω12 | 3 <u>a</u> 33 3 <u>a</u> 34 | 1 II 58 1 II 46 | 26 II 05 25 II 41 | 23 5 29 | 27 \Omega 39 27 \Omega 23 | 4 <u>0</u> 45 4 <u>0</u> 46 | 2Д53 2Д41 | 26 II 59 26 II 35 | 24©30 24©02 | 28 N 51 28 N 35 | 5 ♀ 56 5 ♀ 58 |
| 23S | 0Д39 | 24II 23 | 21 5 31 | 25 N 55 | 3 2 3 6 | 1 Д 34 | 25 II 17 | 22532 | 27 A 07 | 4 <u>₽</u> 47 | 2П28 | 26 II 11 | 23534 | 28 A 20 | 5 2 59 |
| 24S | 0п27 | 23 Д 58 | 21 5 02 | 25⋒38 | 3 ≏ 37 | 1 Д21 | 24П52 | 22 ഇ 03 | 26 <i>Q</i> 51 | 4요49 | 2П16 | 25 Д47 | 23905 | 28 ົດ 04 | 6₽01 |
| 25S | 01114 | 23 Д 33 | 20ഇ32 | 25 û 20 | 3 ₾ 38 | 1Д09 | 24П28 | 21 5 33 | 26£34 | 4₽50 | 2П04 | 25 Д22 | 22935 | 27 a 47 | 6₽03 |
| 26S | 0П02 | 23 II 08 | 20©01 | 25 N 02 | 3 <u>~</u> 39 | 0П57 | 24II02 | 21 5 02 | 26 A 16 | 4≗52 | 1Д51 | 24П56 | 22504 | 27 A 30 | 6 2 05 |
| 27S | 29850 | 22 II 43 | 19530 | 24 \Q 43 | 3 △ 40 | 0П44 | 23 Д 37 | 20@31 | 25 A 58 | 4 <u>0</u> 53 | 1 Д 38 | 24 II 31 | 21 5 33 | 27 \Q 12 | 6207 |
| 28S 29S | 29837 29824 | 22 II 17 21 II 51 | 18©57 18©24 | 24Ω24 24Ω04 | 3 <u>₽</u> 41 3 <u>₽</u> 42 | 0Д31 0Д18 | 23 II 11 22 II 44 | 19©59 19©26 | 25 \Omega 39 25 \Omega 19 | 4 <u>0</u> 55 | 1 II 25 1 II 12 | 24 II 05 23 II 38 | 21©01 20©28 | 26 N 54 26 N 35 | 6 <u>요</u> 09 |
| 30S | 29811 | 21 Д 24 | 17950 | 23 \Omega 43 | 3 - 12 | 0П05 | 22 II 17 | 18952 | 24Ω59 | 4 <u>0</u> 58 | 0П59 | 23 Д 11 | 19954 | 26Ω15 | 6₽13 |
| 31S | 28858 | 20 II 57 | 17930 | 23 N 21 | 3 € 45 | 29852 | 21 II 50 | 18952 | 248139 24\Omega38 | 5 <u>0</u> 00 | 0Д39 | 22 II 44 | 199519 | 25 Ω 54 | 6≗15 |
| 32S | 28844 | 20П29 | 16940 | 22 259 | 3 <u>₽</u> 46 | 29838 | 21 Д22 | 179341 | 24Ω16 | 5 🖴 02 | 0Д32 | 22 Д 15 | 18943 | 25 A 33 | 6≗17 |
| 33S | 28830 | 20П01 | 16©03 | 22 235 | 3 <u>₽</u> 48 | 29824 | 20П54 | 17904 | 23 û 53 | 5 🕰 04 | 0Д18 | 21 Д47 | 18506 | 25 ₪ 11 | 6₽20 |
| 34S | 28816 | 19П32 | 15©25 | 22 N 11 | 3 ≏ 49 | 29810 | 20П25 | 16\$26 | 23 N 29 | 5≗06 | 0П03 | 21 Д 18 | 17528 | 24 A 48 | 6₽22 |
| 35S | 28802 | 19П03 | 14946 | 21 246 | 3 ₾ 51 | 28856 | 19П55 | 15947 | 23 № 04 | 5 2 08 | 29849 | 20 Д 48 | 16949 | 24 \(\Omega 24 | 6₽25 |
| 36S 37S | 27848 27833 | 18 II 33 18 II 02 | 14©06 13©24 | 21Ω19 20Ω51 | 3 <u>a</u> 52 3 <u>a</u> 54 | 28 8 41 28 8 26 | 19 II 25 18 II 54 | 15©07 14©25 | 22 \Quad 38 22 \Quad \Quad 11 | 5 <u>⊕</u> 10 5 <u>⊕</u> 12 | 29 8 34 29 8 19 | 20 II 17 19 II 46 | 16©09 15©27 | 23 \Omega 58 23 \Omega 32 | 6 <u>₽</u> 27 |
| | | 17 II 30 | | 20 Ω 22 | | | I | 13942 | | l | 29803 | l | 139627 | | 6≗33 |
| 39S | 27802 | 16П58 | 11957 | 19252 | 3 ≏ 57 | 27855 | 17Д50 | 12@58 | 21 \alpha 13 | 5 ₽ 17 | 28848 | 18 Д 42 | 13@59 | 22 235 | 6₽36 |
| 40S | 26847 | 16П25 | 11911 | 19Ω19 | 3 <u>a 5</u> 9 | 27839 | 17п17 | 12512 | 20Ω41 | 5 🕰 19 | 28832 | 18П08 | 13©13 | 22 A 04 | 6₽39 |
| 41S | 26830 | 15П52 | 10ഇ23 | 18 Ω 46 | 4≗01 | 27823 | 16耳43 | 11524 | 20 A 08 | 5 🕰 22 | 28815 | 17 I I34 | 12©25 | 21 232 | 6 ₽ 42 |
| 42S | 26814 | 15 П 17 | 9934 | 18 2 10 | 4 △ 03 | 27806 | 16П08 | 10534 | 19233 | 5 <u>2</u> 24 | 27858 | 16П59 | 11935 | 20⋒58 | 6₽45 |
| 43S 44S | 25 8 57 25 8 39 | 14 II 41 14 II 05 | 8943 7950 | 17Ω32 16Ω52 | 4요05 4요08 | 26 8 49 26 8 31 | 15 II 32 14 II 55 | 9 9 43 8 9 50 | 18Ω56 18Ω17 | 5 <u>⊕</u> 27 5 <u>⊕</u> 30 | 27841 27823 | 16 II 23 15 II 45 | 10 9 44 9 9 50 | 20 A 22 19 A 43 | 6 <u>₽</u> 49 |
| - 1 | | | | | | | | | | | | | | | |
| 45S 46S | 25 8 22 25 8 03 | 13 II 27 12 II 49 | 6955 5958 | 16Ω10 15Ω25 | 4 <u>₽</u> 10 | 26 8 13 25 8 54 | 14 II 17 13 II 38 | 7954 6957 | 17Ω36 16Ω51 | 5 <u>⊕</u> 33 | 27805 26846 | 15 II 07 14 II 28 | 8954 7956 | 19 A 03 | 6 ♀ 56 7 ♀ 01 |
| 47S | 24844 | 12П09 | 4959 | 14£37 | 4 - 15 | 25835 | 12 Д 58 | 5957 | 16Ω04 | 5 - 40 | 26826 | 13 Д47 | 6956 | 17 A 33 | 7≗05 |
| 48S | 24825 | 11 Д 28 | 3957 | 13 N 46 | 4 △ 18 | 25816 | 12 Д 17 | 4954 | 15Ω14 | 5 △ 44 | 26807 | 13 Д 06 | 5953 | 16Ω43 | 7≏10 |
| 49S | 24805 | 10П46 | 2952 | 12£51 | 4≗21 | 24855 | 11 Д 34 | 35649 | 14£20 | 5 ≙ 48 | 25846 | 12 Д23 | 49647 | 15 A 50 | 7 ≙ 14 |
| 50S | 23844 | 10 11 02 | 19545 | 11 0 52 | 4 2 2 4 | 24834 | 101150 | 25641 | 13 0 22 | 5 2 52 | 25825 | 11 Д 38 | 3538 | 14 0 53 | 7 20 |
| 51S 52S | 23 8 22 23 8 00 | 9П17 8П31 | 0 ⊚ 34 29 Ⅱ 21 | 10Ω48 9Ω40 | 4 <u>₽</u> 27 4 <u>₽</u> 31 | 24813 23850 | 10П05 9П18 | 1930 0916 | 12Ω19 11Ω11 | 5 ♀ 56 | 25 8 03 24 8 40 | 10 II 52 10 II 04 | 2 9 26 | 13Ω51 12Ω44 | 7 ♀ 25 7 ♀ 31 |
| 53S | 22837 | 7П43 | 29 II 21 28 II 04 | 8 N 26 | 4 <u>2</u> 31 4 <u>2</u> 35 | 23827 | 8П29 | 28耳58 | 9258 | 6±01 | 24840 | 9П15 | 29 II 53 | 11 N 32 | 7 <u>2</u> 31 |
| 54S | 22814 | 6П53 | 26П44 | 7£05 | 4 <u>₽</u> 39 | 23803 | 7Д39 | 27 Д37 | 8 n 38 | 6-212 | 23852 | 8П24 | 28 Д 30 | 10Ω13 | 7 - 36 |
| 55S | 21849 | 6П01 | 25П20 | 5£38 | 4 ≏ 43 | 22838 | 6Ц46 | 26 Ц 12 | 7 Ω 11 | 6₽18 | 23827 | 7Д31 | 27П04 | 8 Ω 46 | 7 ჲ 52 |
| 56S | 21823 | 5П08 | 23 Д 52 | 4⋒02 | 4 ≏ 48 | 22812 | 5П52 | 24 II 42 | 5£36 | 6≏24 | 23800 | 6Д36 | 25 耳34 | 7Ω12 | 8≖00 |
| 57S | 20857 | 4П12 | 22 II 20 | 2018 | 4 <u>0</u> 54 | 21845 | 4II 56 | 23 Д 09 | 3251 | 6₽32 | 22833 | 5 II 40 | 23 Д 59 | 5 A 27 | 8 <u>0</u> 09 |
| 58S 59S | 20 8 29 20 8 00 | 3П15 2П15 | 20 II 43 19 II 02 | 0ഹ23 28ഇ16 | 5 ⊕ 00 5 ⊕ 06 | 21817 20847 | 3 II 57 2 II 57 | 21 Д31 19 Д48 | 1 A 56 29 ഇ 49 | 6 ♀ 39 | 22804 21835 | 4П40 3П39 | 22 II 19 20 II 35 | 3 N 32 1 N 25 | 8 <u>교</u> 19 |
| - 1 | | | | | | | | | | | l . | | | | |
| 60S 61S | 19829 18858 | 1П12 0П08 | 17II16 15II26 | 25©56 23©21 | 5 ≙ 13 | 20 8 16 19 8 44 | 1П53 0П48 | 18 II 01 16 II 08 | 27©28 24©51 | 6요58 7요08 | 21803 20831 | 2Д35 1Д28 | 18 II 45 16 II 51 | 29©03 26©25 | 8 ⊕ 42 8 ⊕ 55 |
| 62S | 18825 | 29800 | 13 II 30 | 20@29 | 5 △ 30 | 19811 | 29839 | 14 II 10 | 21957 | 7 ♣ 20 | 19857 | 0 Д 18 | 14 I I50 | 23 5 29 | 9 2 10 |
| 63S | 17850 | 27849 | 11 Д28 | 17917 | 5 ≙ 41 | 18835 | 28828 | 12П06 | 18543 | 7 ≏ 34 | 19821 | 29806 | 12П44 | 20ഇ11 | 9 ≙ 26 |
| 64S | 17813 | 26836 | 9П21 | 13945 | 5 ≏ 52 | 17858 | 27813 | 9Д57 | 15©06 | 7ჲ49 | 18843 | 27850 | 10 Д 32 | 16930 | 9 ≏ 46 |
| 65S | 16835 | 25819 | 7П09 | 9950 | 6206 | 17819 | 25855 | 7П42 | 11505 | 8 2 0 7 | 18803 | 26831 | 8П15 | 12@22 | 10 208 |
| 66S | 15830 | 23859 | 4Π51 | 5 9 30 | 6 <u>₽</u> 21 | 16838 | 24834 | 5 Π 21 | 6937 | 8 <u>0</u> 28 | 17821 | 25808 | 5Π51 | 75547 | 10 <u>0</u> 33 |
| pc | 15830 | 23813 | 3Д31 | 2953 | 6₽31 | 16813 | 23846 | 3П59 | 3955 | 8≏41 | 16857 | 24820 | 4П28 | 4959 | 10≏50 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 4m AR | MC: 36 | 5°00' | Sid.Tir MC: | | 8m AR | MC: 37 | 7°00' | Sid.Tir MC: | | 2m AR 324'58 | MC: 38 | 3°00' |
|--------------|----------------|--------------------------------|----------------------|---------------------|--------------------------------|----------------------------------|----------------------|----------------------|---------------------|--------------------------------|----------------------------------|----------------------|----------------------|---------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7Ц46 | 5ഇ30 | 3 <i>Q</i> 41 | 4 m ₀ 06 | 6₽32 | 8П43 | 6925 | 4Ω39 | 5 mg 10 | 7 <u>₽</u> 37 | 9Д39 | 7ഇ20 | 5ຄ38 | 6 mp 13 | 8ჲ42 |
| 1S | 7Д35 | 5909 | 3 № 20 | 3 m/ 57 | 6 ≏ 33 | 8Д32 | 6905 | 4Ω19 | 5 m, 00 | 7 ჲ 39 | 9П28 | 7ഇ00 | 5 Ω 17 | 6 m/04 | 8 ≏ 44 |
| 2S | 7П24 | 49 | 3 № 00 | 3 m/47 | 6 ≏ 35 | 8П20 | 59644 | 3 № 58 | 4 m 51 | 7 △ 40 | 9п17 | 6939 | 4Ω57 | 5 m, 55 | 8 ≏ 46 |
| 3S 4S | 7П13 7П02 | 4 ඉ 28 4 ඉ 07 | 2Ω39 2Ω18 | 3 m/ 37 3 m/ 27 | 6 <u>⊕</u> 36 | 8П09 7П58 | 5 9 23 | 3 N 38 3 N 17 | 4 m/41 4 m/32 | 7 요 42 7 요 44 | 9П05 8П54 | 6919 5958 | 4Ω37 4Ω16 | 5 m 46 | 8요48 8요50 |
| | | | | | | | | | | | | | | 5 m/ 37 | |
| 5S 6S | 6Д51 6Д39 | 3947 3926 | 1 | 3 mg 16 3 mg 06 | 6 ♀ 39 | 7 II 47 7 II 36 | 4942 4921 | 2 N 56 2 N 34 | 4 m/22 4 m/12 | 7 ♀ 46 7 ♀ 47 | 8П43 8П32 | 5 9 37 | 3 N 55 3 N 34 | 5 m, 27 5 m, 18 | 8요52 8요54 |
| 7S | 6П28 | 3905 | 1 Ω 13 | 2 m ₂ 55 | 6 <u>₽</u> 42 | 7П30 | 4900 | 2 <i>θ</i> 134 | 4 mg 01 | 7 <u>24</u> 7 | 8 Д 20 | 4955 | 3 N 13 | 5 mg 08 | 8 <u>0</u> 56 |
| 8S | 6 I 17 | 25644 | 0Ω51 | 2 m/ 45 | 6244 | 7П13 | 3939 | 1 251 | 3 m/ 51 | 7-15 | 8П09 | 4934 | 2051 | 4 m/ 58 | 8 € 58 |
| 9S | 6 I I06 | 2522 | 0ຄ29 | 2 m/34 | 6 ≙ 46 | 7 I I02 | 3518 | 1 № 29 | 3 m/40 | 7 ჲ 53 | 7П58 | 4513 | 2⋒29 | 4 m/48 | 9ჲ01 |
| 10S | 5II55 | 2901 | 0Ω06 | 2 m ₂ 22 | 6 ₽ 47 | 6Д51 | 2956 | 1Ω06 | 3 m ₂ 30 | 7ჲ55 | 7П46 | 3952 | 2⋒07 | 4 m ₂ 37 | 9ჲ03 |
| 11S | 5П44 | 19540 | 29943 | 2 m/11 | 6 ≙ 49 | 6Ц39 | 2935 | 0Ω44 | 3 m, 19 | 7≗57 | 7П35 | 3530 | 1 ₪ 44 | 4 m/27 | 9ჲ05 |
| 12S | 5 Д 32 | 19518 | 29\$20 | 1 m, 59 | 6₽50 | 6П28 | 2913 | 0 № 20 | 3 m 08 | 7 2 59 | 7П23 | 3508 | 1 21 | 4 m, 16 | 9₽07 |
| 13S | 5П21 | 0ණ56 0ණ34 | 28556 | 1 mp 48 | 6 <u>0</u> 52 | 6II16 | 1951 | 29©57 29©33 | 2 m 56 | 8 <u>0</u> 01 | 7II 12 | 2547 | 0£58 | 4 m 05 | 9 요 09 |
| 14S | 5 I 10 | | 28532 | 1 m ₂ 36 | 6₽54 | 6П05 | 1929 | | 2 m/45 | 8 ₾ 03 | 7П00 | 2525 | 0ω34 | 3 m/ 54 | |
| 15S | 4II 58 | 0912 | 28508 | 1 m 23 | 6256 | 5 II 53 | 1997 | 29509 | 2 m 33 | 8 <u>0</u> 05 | 6Ц49 | 2502 | 0Ω10 | 3 m/42 | 9 2 14 |
| 16S 17S | 4П47 4П35 | 29 II 50 29 II 27 | 275643 275618 | 1 mp 11 0 mp 58 | 6 ♀ 58 | 5 II 42 5 II 30 | 0ණ45 0ණ22 | 28544 28519 | 2 m/20 2 m/08 | 8요07 8요09 | 6П37 6П25 | 1 5 4 0 1 5 1 7 | 29©46 29©21 | 3 mp 31 3 mp 18 | 9 ₽ 16 |
| 18S | 4 II 23 | 29П27 | 26952 | 0 mg 44 | 7 2 01 | 5 II 18 | 29 II 59 | 27954 | 2 mg 55 | 8 <u>0</u> 11 | 6Ц13 | 0954 | 28956 | 3 mg 06 | 9 2 2 1 |
| 19S | 4 <u>П</u> 11 | 28П41 | 26\$26 | 0 mg 31 | 7≗03 | 5П06 | 29П36 | 27528 | 1 m/42 | 8 ₾ 14 | 6Д01 | 0931 | 28530 | 2 m/54 | 9 <u>₽</u> 24 |
| 208 | 4 I 100 | 28П18 | 25@59 | 0 mp 17 | 7요05 | 4П54 | 29П13 | 27ഇ01 | 1 m ₂ 29 | 8≏16 | 5П49 | 0ഇ08 | 28503 | 2 m/41 | 9ჲ26 |
| 21S | 3 Д 48 | 27II 54 | 25@32 | 0 mg 03 | 7≗07 | 4Π42 | 28П49 | 26534 | 1 m, 15 | 8 ₾ 18 | 5Д37 | 29 Д 44 | 27936 | 2 m/ 27 | 9₽29 |
| 22S | 3Д35 | 27II 30 | 25©04 | 29⋒48 | 7 ≏ 09 | 4II30 | 28П25 | 26506 | 1 m, 00 | 8 21 | 5П25 | 29П20 | 27509 | 2 m 13 | 9 ≏ 32 |
| 23S | 3 Д 23 | 27 II 06 | 24536 | 29 233 | 7 <u>0</u> 11 | 4II 18 | 28 II 00 | 25@38 | 0 m 46 | 8 <u>0</u> 23 | 5 II 12 | 28 Д 55 | 26940 | 1 m 59 | 9 ₾ 35 |
| 24S | 3П11 | 26П41 | 24507 | 29 A 17 | 7 ≏ 13 | 4II05 | 27П36 | 25©09 | 0 mp 31 | 8 ₾ 25 | 5Д00 | 28 Д 30 | 26512 | 1 m ₂ 45 | 9 ≙ 37 |
| 25S | 2II58 | 26П16 | 23537 | 29 20 14 | 7 ≏ 16 | 3 II 53 | 27II11 | 24539 | 0 m 15 | 8 <u>0</u> 28 | 4H47 | 28 11 05 | 25942 | 1 m ₂ 30 | 9 △ 40 |
| 26S 27S | 2П45 2П33 | 25 II 51 25 II 25 | 23©06 22©35 | 28 A 44 28 A 27 | 7 <u>₽</u> 18 7 <u>₽</u> 20 | 3 II 40 3 II 27 | 26 II 45 26 II 19 | 24©09 23©38 | 29 A 59 29 A 42 | 8 <u>요</u> 31 | 4Д34 4Д21 | 27 II 40 27 II 14 | 25©12 24©41 | 1 mp 14 0 mp 58 | 9 ჲ 43 9 ჲ 46 |
| 28S | 2 П 20 | 24 II 59 | 22503 | 28£09 | 7 | 3П14 | 25 II 53 | 23936 | 29 & 25 | 8 <u>=</u> 35 | 4H21 4H08 | 26 II 47 | 24999 | 0 mg 41 | 9₽50 |
| 29S | 2П06 | 24 Д 32 | 21530 | 27£51 | 7 ≏ 25 | 3 Д 00 | 25 Д 26 | 22533 | 29207 | 8 ₾ 39 | 3 Д 54 | 26П20 | 23536 | 0 m/24 | 9മ53 |
| 30S | 1 Д 53 | 24П05 | 20ഇ56 | 27£32 | 7 <u>₽</u> 27 | 2П47 | 24П59 | 21@59 | 28Ω49 | 8요42 | 3Д41 | 25 Д 53 | 23502 | 0 mp 06 | 9₽56 |
| 31S | 1 Д 39 | 23 Д 37 | 20ഇ21 | 27Ω12 | 7 ≙ 30 | 2Д33 | 24П31 | 21524 | 28229 | 8 ≏ 45 | 3 Д 27 | 25 Д25 | 22527 | 29 ₪ 48 | 10 2 00 |
| 32S | 1 Д 25 | 23 11 09 | 19945 | 26⋒51 | 7 ≏ 33 | 2П19 | 24 II 03 | 20948 | 28£09 | 8മ48 | 3 Д 13 | 24 Д 56 | 21ණ52 | 29 №28 | 10≗03 |
| 33S | 1П11 | 22 П 40 | 19509 | 26 20 29 | 7 △ 36 | 2П05 | 23 Д 34 | 20511 | 27Ω48 | 8 <u>0</u> 51 | 2Д58 | 24 Д27 | 21915 | 29 20 08 | 10 ₾ 07 |
| 34S | 0Д57 | 22П11 | 18531 | 26A07 | 7 ≏ 38 | 1П50 | 23 П 04 | 19533 | 27 a 27 | 8 亞 55 | 2П44 | 23 Д 57 | 20937 | 28 A 47 | 10≗11 |
| 35S | 0Д42 | 21 11 41 | 17951 | 25 \Omega 43 | 7 <u>0</u> 41 | 1 Д 35 | 22 11 34 | 18954 | 27 \Omega 04 | 8 <u>0</u> 58 | 2П29 | 23 Д27 | 19958 | 28 225 | 10 ₾ 15 |
| 36S 37S | 0Д27 0Д12 | 21 II 10 20 II 39 | 17©11 16©29 | 25Ω19 24Ω53 | 7 ≗ 45 7 ≗ 48 | 1 II 20 1 II 05 | 22 II 03 21 II 31 | 18©14 17©32 | 26Ω40 26Ω15 | 9 <u>교</u> 02 9 <u>교</u> 06 | 2Д13 1Д58 | 22 II 56 22 II 24 | 19©17 18©35 | 28 A 02 27 A 38 | 10 2 19 |
| 38S | 29856 | | 15946 | | 7 = 48 | | | 16932 | | 9209 | 1 Д 38 | l | 17952 | | 10 € 28 |
| 39S | 29840 | 19П34 | 15©01 | 23 2 58 | 7 ≙ 55 | 0Д33 | 20П26 | 16©04 | 25 Ω 21 | 9 ≙ 14 | 1П26 | 21 Д 18 | 17907 | 26 245 | 10 - 32 |
| 40S | 29824 | 19П00 | 149515 | 23 ຄ 28 | 7 ≏ 58 | 0п17 | 19П52 | 15917 | 24£052 | 9₽18 | 1п09 | 20П44 | 16ഇ20 | 26Ω17 | 10ჲ37 |
| 41S | 29807 | 18 Д 25 | 13527 | 22 256 | 8 ₾ 02 | 0П00 | 19П17 | 14529 | 24 \O 21 | 9 ₾ 22 | 0П52 | 20П09 | 15@32 | 25 A 48 | 10 - 42 |
| 42S | 28850 | 17 I I50 | 12537 | 22 N 23 | 8₽06 | 29842 | 18П41 | 13539 | 23 ⋒49 | 9 ≏ 27 | 0Д35 | 19П33 | 149541 | 25 ₪ 16 | 10≏48 |
| 43S | 28833 | 17 Д 14 | 119545 | 21Ω48 | 8 ₾ 10 | 29825 | 18П05 | 125647 | 23 Ω 15 | 9 <u>0</u> 32 | 0п17 | 18П56 | 135649 | 24 \Omega 43 | 10 - 53 |
| 44S | 28815 | 16П36 | 10951 | 21 A 10 | 8 2 15 | 29806 | 17П27 | 11952 | 22£38 | 9₾37 | 29858 | 18П18 | 12955 | 24 A 07 | 10≗59 |
| 45S | 27856 | 15 II 57 | 9955 | 20 0 30 | 8 <u>₽</u> 20 | 28848 | 16 11 48 | 10956 | 21 2 19 | 9 ₾ 42 | 29839 | 17 Д 39 | 11958 | 23 \Quad 29 | 11 2 05 |
| 46S 47S | 27837 27818 | 15 II 18 14 II 37 | 8956 7955 | 19Ω48 19Ω03 | 8 <u>요</u> 24 8 <u>요</u> 30 | 28 8 29 28 8 09 | 16 II 08 15 II 27 | 9957 8956 | 21Ω18 20Ω34 | 9 亞 48 9 亞 54 | 29820 29800 | 16 II 58 16 II 16 | 10©59 9©57 | 22 A 49 22 A 06 | 11 ⊕ 12 |
| 47S 48S | 26857 | 13 Д 55 | 6952 | 1937.03 | 8 <u>0</u> 35 | 27848 | 13 Д 27 | 7952 | 19Ω46 | 10 <u>0</u> 01 | 28839 | 15 Д 33 | 8952 | 223706 21Ω19 | 11 2 26 |
| 49S | 26837 | 13 II 11 | 5945 | 17.022 | 8 ≏ 41 | 27827 | 14 I I00 | 6945 | 18£45 | 10至01 | 28818 | 14 Д 49 | 7932 | 20 & 29 | 11 - 20 |
| 50S | 26815 | 12П26 | 4936 | 16£26 | 8 ≏ 47 | 27805 | 13П14 | 5935 | 18£000 | 10 ₾ 15 | 27856 | 14П03 | 6ഇ34 | 19£35 | 11 ≏ 42 |
| 51S | 25853 | 11 II 40 | 3524 | 15 N 25 | 8 ⊆ 54 | 26843 | 12 Д 27 | 4921 | 17£00 | 10 ₾ 23 | 27833 | 13 Д 16 | 5920 | 18£337 | 11 2 51 |
| 52S | 25830 | 10П52 | 2ഇ08 | 14Ω19 | 9ჲ01 | 26820 | 11П39 | 3905 | 15 <i>⋒</i> 55 | 10≗31 | 27810 | 12 Д 26 | 4গু02 | 17 ຄ33 | 12 ⊆ 00 |
| 53S | 25806 | 10 п 02 | 0948 | 13 0.07 | 9 △ 09 | 25856 | 10 Д 48 | 19544 | 14 \Omega 45 | 10 - 40 | 26845 | 11 Д35 | 2941 | 16 24 | 12 ₾ 10 |
| 548 | 24841 | 9П10 | 29П25 | 11 € 49 | 9 ≙ 17 | 25831 | 9П56 | 0ഇ20 | 13 A 28 | 10≗49 | 26820 | 10П43 | 19915 | 15 A 08 | 12≗21 |
| 55S | 24816 | 8П17 | 27 Д 57 | 10Ω24 | 9₽26 | 25805 | 9П02 | 28 II 51 | 12 \O 03 | 11 🖴 00 | 25854 | 9Д48 | 29 Д 45 | 13 0 45 | 12 ₾ 33 |
| 56S 57S | 23849 23821 | 7П21 6П23 | 26 II 25 24 II 49 | 8 N 50 7 N 06 | 9 ≗ 36 9 ≗ 47 | 24838 24809 | 8II 06 7II 07 | 27 II 18 25 II 40 | 10Ω30 8Ω47 | 11 <u>0</u> 11 | 25 8 26 24 8 58 | 8П51 7П52 | 28 II 11 26 II 32 | 12Ω13 10Ω31 | 12 ♀ 46 |
| 57S 58S | 22852 | 5 II 23 | 24 II 49 23 II 08 | 78106 5Ω11 | 9 <u>n</u> 4/ | 23840 | /щ0/ 6Щ07 | 23 II 40 23 II 57 | 88147 6£053 | 11 <u>0</u> 24 | 24838 | /Д52 6Д50 | 26 II 32 24 II 47 | 8 N 37 | 13 ₾ 16 |
| 59S | 22822 | 4II21 | 21 II 22 | 3 N 04 | 10 △ 11 | 23809 | 5II 03 | 22 II 10 | 4Ω46 | 11 <u>2</u> 57 | 23857 | 5 I I46 | 22 II 58 | 6£37 | 13 ₾ 32 |
| 60S | 21850 | 3П16 | 19П31 | 0Ω41 | 10≏25 | 22837 | 3П57 | 20П16 | 2Ω23 | 12≗08 | 23824 | 4П39 | 21 п02 | 4Ω08 | 13 ჲ 51 |
| 61S | 21817 | 2П08 | 17II34 | 28902 | 10≗23 | 22804 | 2П49 | 18 II 17 | 29943 | 12 <u>2</u> 08 | 22851 | 3 Д 29 | 19 I I01 | 1 . 27 | 14 € 12 |
| 62S | 20843 | 0П58 | 15Д31 | 25©04 | 10₽59 | 21829 | 1 Д 37 | 16П12 | 26943 | 12 4 7 | 22815 | 2П17 | 16耳54 | 28@25 | 14 ₾ 35 |
| | | 29844 | 13 II 23 | 219543 | 11 ⊆ 19 | 20852 | 0П22 | 14П01 | 23519 | 13 ₾ 10 | 21837 | 1Д01 | 141141 | 24559 | 15 201 |
| 63S | 20806 | | | | 44 | | | 1 1 1 17 1/1 | 10000 | 12027 | □ 20 U 50 | 1 20 2 42 | 12 Д 21 | | 15 2 31 |
| 64S | 19828 | 28827 | 11П08 | 17957 | 11 ≙ 42 | 20813 | 29804 | 11 Д 44 | 19\$29 | 13 ₾ 37 | 20858 | 29842 | | 21504 | |
| 64S 65S | 19828 18848 | 28827 27807 | 11 II 08 8 II 48 | 13944 | 12 ≏ 08 | 19832 | 27843 | 9П21 | 15©09 | 14≗07 | 20817 | 28819 | 9П54 | 16ള38 | 16≗06 |
| 64S | 19828 | 28827 | 11П08 | | | | | | | | | | | | 16 <u>0</u> 06 16 <u>0</u> 46 17 <u>0</u> 11 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 6m AR 325'56 | CMC: 39 |)°00' | Sid.Tir MC: | | 0m AR 326'42 | MC: 40 |)°00' | Sid.Tir MC: | ne: 2h44 | 4m AR 327'18 | RMC: 41 | °00' |
|------------|----------------------------------|------------------------|----------------------|--|----------------------------------|----------------------------------|----------------------|----------------------------------|--|----------------------------------|----------------------------------|----------------------|--------------------------------|--|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 10Д35 | 8916 | 6 Ω 36 | 7 m, 17 | 9 ≙ 47 | 11 Д32 | 9511 | 7 a 35 | 8 m, 21 | 10₾52 | 12 Д 28 | 10506 | 8 Ω 34 | 9 m, 25 | 11≏57 |
| 1S | 10Ⅲ24 | 7ඉ55 | 6 Ω 16 | 7 m, 09 | 9 ჲ 49 | 11 Д20 | 8950 | 7Ω15 | 8 mg 13 | 10≏55 | 12П16 | 99346 | 8 Ω 15 | 9 m, 17 | 12≗00 |
| 2S | 10 п 13 | 7935 | 5 N 56 | 7 mg 00 | 9 ≏ 52 | 11 Д 09 | 8930 | 6£55 | 8 mg 05 | 10≗57 | 12П05 | 9925 | 7£55 | 9 mg 09 | 12 ₾ 03 |
| 3S | 10 11 01 | 7514 | 5 N 36 | 6 m 51 | 9 2 54 | 10 II 57 | 8509 | 6£35 | 7 m 56 | 11 2 00 | 11 Д 53 | 9505 | 7£35 | 9 m 01 | 12 2 05 |
| 4S | 9П50 | 6953 | 5 N 16 | 6 mg 42 | 9₽56 | 10П46 | 75549 | 6 Q 15 | 7 m, 47 | 11 ₾ 02 | 11 Д 42 | 85544 | 7 . 015 | 8 m ₂ 53 | 12 ₾ 08 |
| 5S | 9П39 | 6932 | 4Ω55 | 6 mg 33 | 9₽58 | 10 Д 35 | 7928 | 5 N 55 | 7 m, 39 | 11 ₾ 05 | 11 Д 30 | 8923 | 6Ω55 | 8 mp 45 | 12 - 11 |
| 6S | 9П27 | 6912 | 4Ω34 | 6 m 24 | 10 🖴 01 | 10 Д 23 | 7907 | 5 N 34 | 7 m 30 | 11 2 10 | 11 П 19 | 8903 | 6Ω34 | 8 m 36 | 12 ₾ 14 |
| 7S 8S | 9П16 9П05 | 5951 5930 | 4Ω13 3Ω51 | 6 mg 14 6 mg 05 | 10 △ 03 | 10 II 12 10 II 00 | 6946 6925 | 5Ω13 4Ω52 | 7 m ₂ 21 7 m ₂ 12 | 11 <u>0</u> 10 | 11 П 07 10 П 56 | 75642 75621 | 6Ω14 5Ω53 | 8 mg 28 8 mg 19 | 12 <u>a</u> 17 |
| 9S | 8П53 | 5 9 30 | 3 N 30 | 5 m/ 55 | 10 208 | 9П49 | 6904 | 4 N 30 | 7 mg 02 | 11 <u>2</u> 15 | 10 Д 30 | 6959 | 5 N 3 1 | 8 mg 10 | 12 <u>2</u> 20 |
| 108 | 8П42 | 49547 | 3 Q 07 | 5 m 45 | 10 ₽ 10 | 9П37 | 5942 | 4Ω08 | 6 m 53 | 11 ₾ 18 | 10 Д 33 | 6938 | 5Ω10 | 8 m ₂ 01 | 12.25 |
| 11S | 8H30 | 4925 | 2045 | 5 mg 35 | 10 € 13 | 9П26 | 5931 | 3 N 46 | 6 mg 43 | 11 = 18 | 10 Д 33 | 6917 | 4Ω48 | 7 m ₂ 52 | 12 <u>2</u> 28 |
| 12S | 8П19 | 4904 | 2 \Omega 22 | 5 m 24 | 10 ₾ 15 | 9П14 | 4959 | 3 № 24 | 6 mg 33 | 11 ₾ 23 | 10П10 | 5955 | 4Ω25 | 7 m 42 | 12 🕰 31 |
| 13S | 8П07 | 3942 | 1 № 59 | 5 mg 14 | 10 ≏ 18 | 9П03 | 4937 | 3 ₪ 01 | 6 m 23 | 11 26 | 9П58 | 5933 | 4⋒03 | 7 m/33 | 12≗35 |
| 14S | 7Ц56 | 3520 | 1 ₪ 36 | 5 mg 03 | 10≏20 | 8П51 | 49515 | 2⋒38 | 6 mg 13 | 11 ₾ 29 | 9П46 | 59311 | 3 € 40 | 7 m/23 | 12≗38 |
| 15S | 7 11 44 | 2958 | 1 Q 12 | 4 m/ 52 | 10 ₾ 23 | 8П39 | 3953 | 2 A 14 | 6 mg 02 | 11 ₾ 32 | 9П34 | 49549 | 3 a 16 | 7 mp 13 | 12 ≏ 41 |
| 16S | 7Д32 | 2935 | 0Ω48 | 4 m/41 | 10≏26 | 8П27 | 3931 | 1 2 50 | 5 m 51 | 11 ₾ 35 | 9п22 | 4526 | 2252 | 7 m/02 | 12 ≏ 44 |
| 17S | 7H20 | 2512 | 0Ω23 | 4 m 29 | 10 ₾ 29 | 8II 15 | 3908 | 1 2 2 5 | 5 m/40 | 11 ₾ 38 | 9П10 | 4903 | 2 .028 | 6 m 52 | 12 € 48 |
| 18S | 7II 08 | 15349 | 29\$58 | 4 m 17 | 10 <u>0</u> 31 | 8 II 03 | 2545 | 1 A 00 | 5 m) 29 | 11 241 | 8Д58 8Д46 | 3540 | 2003 | 6 m 41 | 12 <u>0</u> 51 |
| 198 | 6П56 | 1526 | 29532 | 4 m, 05 | 10 ₾ 34 | 71151 | 2522 | 0 Q 35 | 5 m, 17 | 11 2 44 | 81146 | 3517 | 1.038 | 6 mg 30 | 12 € 54 |
| 20S 21S | 6П44 6П32 | 1©03 0©39 | 29©06 28©39 | 3 m ₂ 53 3 m ₂ 40 | 10 <u>∞</u> 37 10 <u>∞</u> 40 | 7П39 7П27 | 1958 1934 | 0Ω09 29©42 | 5 m, 05 4 m, 53 | 11 <u>0</u> 48 | 8Д34 8Д21 | 2 53 2 529 | 1Ω12 0Ω45 | 6 mg 18 6 mg 07 | 12 ≏ 58 13 ≏ 02 |
| 21S 22S | 6П32 6П20 | 0939 | 28939 | 3 mg 27 | 10 <u>2</u> 40 10 <u>2</u> 43 | 7H27 7H14 | 1934 | 299942 | 4 m 40 | 11 <u>2</u> 51 | 8П09 | 2505 | 03143 | 5 m 54 | 13 <u>2</u> 02 |
| 23S | 6П07 | 29П50 | 279543 | 3 mg 27 | 10-45 | 7H02 | 0945 | 28947 | 4 m ₂ 27 | 11 - 58 | 7Д56 | 19540 | 29\$50 | 5 mg 42 | 13 € 09 |
| 24S | 5II54 | 29П25 | 27ഇ15 | 2 m 59 | 10ჲ49 | 6 I I49 | 0ഇ20 | 28518 | 4 m/14 | 12 🕰 01 | 7П43 | 19515 | 29522 | 5 m/ 29 | 13 ₾ 13 |
| 25S | 5П41 | 29П00 | 26945 | 2 m/45 | 10♀53 | 6Ц36 | 29П55 | 27ഇ49 | 4 m ₂ 00 | 12 ₾ 05 | 7П30 | 0950 | 28953 | 5 mg 16 | 13 ₾ 17 |
| 26S | 5Д28 | 28П34 | 26915 | 2 m/30 | 10≏56 | 6П23 | 29П29 | 27ഇ19 | 3 m/46 | 12 🕰 09 | 7П17 | 0ഇ24 | 28\$23 | 5 m 02 | 13 ≏ 21 |
| 27S | 5П15 | 28П08 | 25944 | 2 m, 14 | 10 ₾ 59 | 6П09 | 29П03 | 26948 | 3 m, 31 | 12 ₾ 12 | 7П04 | 29П58 | 27952 | 4 m, 48 | 13 ₾ 25 |
| 28S 29S | 5П02 4П48 | 27 II 42 27 II 15 | 25©12 24©40 | 1 m, 58 1 m, 42 | 11 <u>0</u> 03 | 5 II 56 5 II 42 | 28 II 36 28 II 09 | 26©16 25©44 | 3 m, 15 2 m, 59 | 12 <u>2</u> 16 | 6Д50 6Д36 | 29 II 31 29 II 04 | 27©21 26©48 | 4 m ₂ 33 4 m ₂ 18 | 13 <u>a</u> 29 |
| | | | | | | | | | | | l . | | | | |
| 30S 31S | 4Д35 4Д21 | 26 II 47 26 II 19 | 24©06 23©31 | 1 mg 24 1 mg 06 | 11 ≏ 10 11 ≏ 14 | 5П28 5П14 | 27 II 41 27 II 13 | 25©10 24©36 | 2 m/43 2 m/26 | 12 <u>2</u> 24 | 6Ц22 6Ц08 | 28 II 36 28 II 08 | 26©15 25©40 | 4 m ₂ 02 3 m ₂ 45 | 13 <u>0</u> 38 |
| 31S 32S | 4H21 4H06 | 25 II 50 | 23951 | 0 mg 48 | 11 <u>2</u> 14 | 5H14 | 26 II 44 | 24930 | 2 mg 08 | 12 <u>2</u> 29 | 5 II 53 | 27 Д 39 | 259940 | 3 m/ 28 | 13 <u>2</u> 43 |
| 33S | 3 Д 52 | 25 Д 21 | 22519 | 0 m 28 | 11 ≏ 22 | 4II45 | 26П15 | 23 5 23 | 1 m 49 | 12 - 38 | 5Д39 | 27П09 | 24528 | 3 m/ 10 | 13 ⊆ 53 |
| 34S | 3Д37 | 24П51 | 215641 | 0 mg 08 | 11 ≏ 27 | 4 I I30 | 25 II 45 | 22ණ45 | 1 m, 29 | 12₾43 | 5Д24 | 26 Д 39 | 2350 | 2 m/51 | 13 ₾ 58 |
| 35S | 3 Д 22 | 24П21 | 21 ഇ02 | 29Ω47 | 11 ≙ 31 | 4 I I15 | 25 Д 14 | 22 ഇ 06 | 1 m ₀ 09 | 12-⊈48 | 5П08 | 26П08 | 23511 | 2 m/31 | 14 🕰 04 |
| 36S | 3П06 | 23 Д 49 | 20ഇ21 | 29⋒24 | 11 △ 36 | 4 I I00 | 24II43 | 21 5 26 | 0 m, 47 | 12♀53 | 4II53 | 25 Д 37 | 22531 | 2 m/11 | 14ჲ09 |
| 37S | 2Д51 | 23 П 17 | 19539 | 29 20 01 | 11 ₾ 41 | 3 11 44 | 24П11 | 20544 | 0 m/ 25 | 12 ₾ 58 | 4II37 | 25 11 04 | 21 5 49 | 1 m/49 | 14 ₾ 15 |
| 38S 39S | 2Д35 2Д18 | 22 II 45 22 II 11 | 18©56 18©11 | 28£136 28£110 | 11 ≏ 46 11 ≏ 51 | 3П28 3П11 | 23 II 38 23 II 04 | 20©00 19©15 | 0 m ₀ 01 29 Ω 36 | 13 <u>a</u> 04 | 4П20 4П04 | 24 II 31 23 II 57 | 21©05 20©20 | 1 mg 26 1 mg 02 | 14 <u>₽</u> 21 14 <u>₽</u> 28 |
| | | | | | | | | | | | | | | | |
| 40S 41S | 2П02 1П44 | 21 II 37 21 II 01 | 17©24 16©35 | 27 Ω 43 27 Ω 14 | 11 ≏ 56 12 ≏ 02 | 2П54 2П37 | 22 II 29 21 II 54 | 18 5 28 17 5 39 | 29 A 10 28 A 42 | 13 <u>□</u> 15 | 3 П 47 3 П 29 | 23 II 22 22 II 46 | 19©33 18©44 | 0 mg 37 0 mg 10 | 14 <u>0</u> 34 14 <u>0</u> 41 |
| 41S 42S | 1 Д 27 | 20 II 25 | 15935 | 26Ω44 | 12 ± 02 12 ± 08 | 2П37 | 21 II 34 21 II 17 | 16949 | 28 N 12 | 13 <u>≈</u> 22 | 3 Д 11 | 22 II 40 22 II 09 | 17953 | 29 \$\alpha 42 | 14 <u>2</u> 41 |
| 43S | 1П09 | 19П48 | 14952 | 26Ω11 | 12 ₾ 14 | 2П01 | 20П39 | 15956 | 27Ω41 | 13 ₾ 35 | 2П53 | 21 Д31 | 17901 | 29 \Omega 12 | 14₽56 |
| 44S | 0Д50 | 19П09 | 13557 | 25⋒37 | 12 ≏ 21 | 1 Д 42 | 20II01 | 15 ഇ 01 | 27⋒08 | 13 🕰 42 | 2П34 | 20П52 | 16905 | 28⋒40 | 15 🖴 04 |
| 45S | 0Д31 | 18П29 | 13500 | 25 20 00 | 12 ≏ 28 | 1П23 | 19П21 | 14504 | 26£32 | 13 ₾ 50 | 2П14 | 20 П 12 | 15©08 | 28 û 05 | 15 🖴 12 |
| 46S | 0111 | 17Ⅱ49 | 12©01 | 24 N 21 | 12 ≏ 35 | 1 Д 03 | 18П39 | 13ഇ04 | 25⋒54 | 13 ₾ 58 | 1 Д 54 | 19П30 | 14507 | 27 Ω 29 | 15 ≏ 21 |
| 47S | 29851 | 17П07 | 10@59 | 23 \Quad 39 | 12 △ 43 | 0П42 | 17 Д 57 | 12501 | 25 Ω 14 | 14 🖴 07 | 1 Д 33 | 18 11 48 | 13504 | 26 \O 49 | 15 € 30 |
| 48S 49S | 29 8 30 29 8 09 | 16 II 23 15 II 38 | 9953 8945 | 22 \Omega 54 22 \Omega 05 | 12 <u>⊕</u> 51 13 <u>⊕</u> 00 | 0П21 20Ж50 | 17 II 13 16 II 28 | 10ඉ55 9ඉ47 | 24 \Quad 30 23 \Quad 42 | 14 <u>0</u> 16 | 1П12 0П50 | 18 II 03 17 II 18 | 11©58 10©49 | 26 A 07 | 15 ⊕ 40 15 ⊕ 51 |
| | | | 8945 | | | 29859 | | | | | | | | 25 \Omega 21 | |
| 50S 51S | 28 8 46 28 8 23 | 14 II 52 14 II 04 | 7934 6919 | 21 Ω 13 20 Ω 15 | 13 <u>0</u> 9 | 29837 29814 | 15 II 41 14 II 52 | 8 9 35 7 9 19 | 22 \Omega 51 21 \Omega 56 | 14 <u>0</u> 36 | 0П27 0П04 | 16 II 30 15 II 41 | 9 5 36 8 5 20 | 24Ω31 23Ω37 | 16 ♀ 02 |
| 51S 52S | 28800 | 14 II 04 13 II 14 | 5901 | 203113 19Ω13 | 13 <u>1</u> 19 | 28849 | 14 II 32 14 II 02 | 6900 | 213736 20£55 | 14 <u>14</u> 47 | 29839 | 13 Д41 | 7 9 00 | 238137 22 N 38 | 16214 |
| 53S | 27835 | 12 Д 23 | 3538 | 18205 | 13 <u>2</u> 41 | 28824 | 13 II 10 | 4937 | 19 \$\alpha 49 | 15 2 11 | 29814 | 13 Д 58 | 5936 | 21 \Omega 34 | 16240 |
| 54S | 27809 | 11П29 | 2912 | 16Ω51 | 13 ≏ 53 | 27859 | 12П16 | 3509 | 18ຄ36 | 15 2 24 | 28848 | 13 Д 03 | 4907 | 20 №23 | 16≏55 |
| 55S | 26843 | 10П34 | 0941 | 15 Q 29 | 14ჲ06 | 27832 | 11П20 | 1937 | 17£15 | 15 ₾ 39 | 28821 | 12Д06 | 2534 | 19⋒04 | 17≏11 |
| 56S | 26815 | 9П36 | 29П05 | 13 A 58 | 14≗21 | 27804 | 10П21 | 000 | 15 Ω 46 | 15 ₾ 55 | 27852 | 11 Д 07 | 0ഇ55 | 17Ω37 | 17 ≏ 29 |
| 57S | 25846 | 8П36 | 27 II 24 | 12 \Omega 17 | 14 ₾ 36 | 26834 | 9П21 | 28 Д 17 | 14Ω07 | 16 ₾ 12 | 27823 | 10 Д 05 | 29 Д 11 | 15 0 59 | 17-247 |
| 58S | 25 8 16 24 8 44 | 7Π34 6Π20 | 25 II 38 | 10Ω25 | 14 <u>0</u> 54 | 26804 | 8Π17 | 26 II 30 | 12 \Q 16 | 16 <u>0</u> 31 | 26852 | 9H01 | 27 Π22 25 Π26 | 14 \O 09 | 18 <u>0</u> 8 |
| 598 | | 6H29 | 23 11 47 | 8 N 19 | 15 ⊕ 12 | 25832 | 7III | 24 11 36 | 10Ω10 | 16 - 52 | 26820 | 7 11 55 | 25 II 26 | 12006 | |
| 60S 61S | 24812 23837 | 5 II 21 4 II 10 | 21 II 49 19 II 46 | 5Ω56 3Ω15 | 15 ≘ 33 | 24 8 59 24 8 24 | 6II 03 4II 51 | 22 II 37 20 II 31 | 7Ω49 5Ω08 | 17 ♀ 15 17 ♀ 40 | 25 8 46 25 8 11 | 6П45 5П32 | 23 II 25 21 II 17 | 9Ω45 7Ω04 | 18 ≏ 56 19 ≏ 24 |
| 62S | 23801 | 2II 56 | 19Д46 | 0Ω12 | 16 22 | 23847 | 3Д36 | 20Д31 18Д19 | 2£08 | 18209 | 24834 | 3 II 32 4 II 16 | 19 Д 02 | 4Ω00 | 19±24 19±55 |
| 63S | 22823 | 1П39 | 15 II 20 | 26943 | 16 - 52 | 23809 | 2П18 | 16 I I00 | 28532 | 18 ≏ 41 | 23855 | 2Д57 | 16耳40 | 0Ω27 | 20 - 30 |
| | | | | | 17 ≏ 25 | 22828 | 0Д57 | 13 耳34 | 24529 | 19 🕰 18 | 23813 | 1 Д 34 | 14П11 | 26\$20 | 21 ₾ 09 |
| 64S | 21843 | 0П19 | 12 Д 57 | 229344 | 1/==23 | 0-0 | | | - | | | | | | |
| 64S 65S | | 0П19 28 8 55 | 12Д37 10Д28 | 18©11 | 18 <u>0</u> 3 | 21846 | 29831 | 111101 | 19950 | 20 ₾ 00 | 22830 | 0П08 | 11Д35 | 21534 | 21 ₾ 55 |
| | 21843 | | | | | | | | | | | | 11 Д35 8 Д52 7 Д18 | | 21 <u>□</u> 55 22 <u>□</u> 48 23 <u>□</u> 21 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| 18 | : 44°00' | MC: 44 | 6m AR 327'59 | | Sid.Tir MC: | 5°00' | CMC: 43 | 2m AR 327'56 | | Sid.Tir MC: | °00' | MC: 42 | 8m AR 27'42 | | Sid.Tir MC: | |
|---|---------------------|----------------------|-----------------|---------|-----------------|----------------|----------------------|-----------------|----------|----------------|----------------|----------|----------------|----------|----------------|-----|
| 18 | 2 3 | 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | Lat |
| Section 1962 | 38 15 🖴 12 | 12 m/38 | 11 Q 32 | 12553 | 15 I I15 | 14≗07 | 11 m ₂ 34 | 10 ຄ32 | 11957 | 14П19 | 13 ≏ 02 | 10 m, 29 | 9ຄ33 | 11502 | 13 11 24 | 0S |
| 188 | | 12 mg 31 | | | | | | | | | | | | | | |
| | | 12 m 25 | | | | | | | I | | | | | | | |
| SS 12215 SS SS 17315 SS SS 1315 SS | | | | | | | | | | | | | | | | |
| See 1997 1998 1994 1996 1 | | | | | | | , | | | | | | | | | |
| 188 1181 1891 6024 9185 1823 1215 9933 215 10942 1430 18154 10929 94171 11995 11140 7055 6033 9181 13430 12135 8651 77.854 10946 1437 13131 9947 8436 1196 1181 11177 70912 5049 9900 13.65 12124 8093 7413 1096 1447 1313 1947 8436 1196 1181 11177 70912 5049 9900 13.65 12124 8093 7413 1090 1444 13107 9904 74.81 1191 1181 11177 70912 5049 9900 13.65 12124 8093 7413 1090 1444 13107 9904 74.81 1191 1181 11174 6695 50475 94.81 1348 11144 7625 64.93 1090 1444 13107 9904 74.81 1191 1385 10145 6697 44.42 8333 1346 11145 7625 54.45 94.81 1348 1345 1313 7685 64.88 1093 1415 1315 10145 6490 54.45 1415 1415 1414 6490 54.45 1415 | | 12 np 04 11 mp 56 | | | | | | | | | | ٦. | | | | |
| 198 11140 7655 6,233 9 m | | 11 m/49 | | | | | | | | | | | | | | |
| 108 111 | | 11 m/42 | | | | | - | | | | | 9 m/ 26 | | | | |
| 118 118 17 7=12 | 34 15 ≏ 44 | 11 m/34 | 8£36 | 9947 | 13 Д 31 | 14≗37 | 10 m/26 | 7£34 | 8951 | 12 Д 35 | 13 △ 30 | 9 mg 18 | 6 N 33 | 7955 | 111140 | 9S |
| 128 11005 6951 5,427 8851 1349 12100 7946 64.30 10901 144.47 12155 8542 74.32 1191 135 10155 6629 5,405 8842 1343 1148 7925 64.07 9852 144.51 12143 8227 74.01 1191 185 10170 64.07 44.42 8833 134.61 11136 7903 5.445 9843 144.55 12131 7958 64.64 1015 165 1017 7522 3,655 84.81 134.33 11110 6618 44.88 9825 154.02 12107 7524 64.02 1081 10 | | 11 m/26 | | | | | - | | | | | ٠, | | l | | |
| 188 1001-33 66929 3,605 8,842 13443 11485 76925 6,007 9,952 1446-51 12443 85921 74610 10916 1455 10017 56924 3,6155 8,913 13453 11126 6,614 4,628 9,943 14458 12119 7,636 6,625 109-108 10117 56922 3,655 8,913 13453 11120 6,614 4,628 9,945 15400 11145 6,612 1017 10107 4,949 3,621 1800 13457 11100 5,955 4,6134 9,945 15400 11145 6,628 5,623 1019 1888 1815 4,943 4,945 3,945 1,94 | | 11 mp 18 | | | | | | | | | | - | | | | |
| 185 1014 6-907 | | | 1 | | | | | | | | | | | | | |
| 188 101179 5944 4219 8 | | 10 mp 54 | | | | | | | | | | | | | | |
| 168 10H17 5@22 3A55 8m31 3A63 1H12 6@18 4.988 9m25 15A02 1DT7 7@14 6.002 10m3 188 9m33 4@36 3A06 7m53 14A01 10H48 5@32 4.010 9m05 15A10 1H153 6@28 5.038 10H5 10m5 9m14 4.013 2.241 7m42 14A04 10H36 5@08 3A45 8m55 15A10 1H153 6@28 5.041 10m4 10m36 2.041 7m42 14A04 10H36 5@08 3A45 8m55 15A10 1H153 6@28 5A14 10m4 10H36 2.053 8m34 15A22 1H105 5@16 3A68 9m5 218 9m16 3@25 1A49 7m20 14A12 10H11 4@21 2.053 8m34 15A22 1H105 5@16 3A68 9m5 228 9m13 3001 1A22 7m90 14A16 9H85 3.055 2.026 8m23 15A27 10H52 4@02 2.036 9m1 238 8m50 2.036 0.0455 6m74 4424 9H12 3.006 1A23 8m0 15A5 1UH2 4.002 2.036 9m1 2.038 8m50 2.036 0.0455 6m74 4424 9H12 3.006 1A23 8m0 15A5 1UH2 4.002 2.036 9m1 2.034 1.000 2.036 2.036 9m1 2.034 2.036 2.036 9m1 2.034 2.036 | | 10 m 45 | | | | 14 n 58 | | | | | | | | | | |
| 188 9H33 4@36 3Q06 7m53 14e01 10H48 5@32 4Q10 9m05 15e10 1H48 6@28 5Q14 10m0 1089 9H14 1H30 6@28 5Q14 4Q49 10m0 10m1 4c21 2Q35 8m34 15a22 1Hm05 5@616 3A68 9m6 2B18 9H16 3@25 1Q49 7m20 14e10 9H35 3æ56 2Q26 8m23 15a27 10H52 4c25 3A31 9m2 2B18 9H16 3@25 1Q49 7m20 14e10 9H35 3æ56 2Q26 8m23 15a27 10H52 4c25 3A31 9m2 2B18 8H18 3@01 1Q22 7m90 14e10 9H35 3æ56 2Q26 8m23 15a27 10H52 4c25 3A31 9m2 2B18 8H18 2B11 0Q26 6m44 14e24 9H32 3æ66 2A31 8m0 15a61 0H26 4c25 2A36 9m2 2B18 8H18 2B11 0Q26 6m44 14e24 9H32 3æ66 1A31 8m0 15a61 0H26 4c22 2A36 9m2 2B58 8H24 1ag45 29@37 6m32 14e29 9H19 2e41 1Q02 7m48 15a40 10H13 3@56 2Q08 9m2 2B58 8H24 1ag45 29@37 6m32 14e29 9H19 2e41 1Q02 7m48 15a40 10H13 3@56 2Q08 9m2 2B58 7H18 0ag26 28m26 6m51 14e43 9H05 2e415 0A33 7m36 15a54 9H59 2e41 1A08 8m2 2B58 7H18 0ag26 28m26 5m51 44e47 8H33 9H05 2e45 0A33 7m36 15a55 9H33 2e44 1A08 8m2 2B58 7H18 29m10 2P49 2P | | 10 mg 36 | | | | | - | | | | | | | | | |
| 1985 | | 10 m/27 | 5⋒38 | 6951 | 11Д55 | 15≗06 | 9 m, 15 | | | 111100 | 13 ≏ 57 | 8 mg 03 | | l | | |
| 208 91/28 3549 2,915 7,931 14,008 101/23 4549 3,919 8,945 15,418 111/18 5,541 4,024 99; 218 9116 3569 14,049 7,970 14,012 10111 4529 2,035 8,943 15,027 111/10 5,5916 3,088 99; 228 8103 2,036 0,055 6,957 14,020 9,145 3,036 2,015 8,903 15,036 101/10 4,927 3,040 99; 238 818 2,020 6,944 4,024 91; 23 3,060 1,013 8,900 15,036 101/10 4,927 3,040 99; 255 8124 15,415 2,962 6,919 14,023 9,102 2,922 6,919 14,023 3,060 1,013 8,900 15,036 101/10 4,927 3,040 99; 255 811/14 15,919 2,922 6,919 14,023 3,900 1,023 8,900 15,036 101/10 4,927 3,040 99; 255 811/14 15,919 2,922 6,919 14,023 3,900 1,023 8,900 15,036 101/10 4,927 3,040 99; 255 811/14 15,919 2,941 1,040 7,948 15,449 101/13 3,936 2,008 99; 255 7,144 0,026 2,926 6,919 14,033 9,105 2,925 7,110 2,925 2,925 6,926 4,949 4,94 | | 10 mp 18 | | | | | | | | | | | | | | |
| Sign | | 10 mg 08 | | | | | | | | | | | | | | |
| 225 9103 32601 1422 7909 14a16 9188 3256 2,926 8p23 15a27 10182 4522 3,031 9p. 248 8138 2211 0,026 6p.44 14a24 9132 3206 1,031 8p.00 15a56 10126 4202 2,036 9p. 258 8124 1261 29295 6p.32 14a29 9119 2441 1,002 7p.48 15a40 10113 3565 2,008 9p. 268 8111 1261 29292 6p.p1 14a33 9105 22615 0,033 7p.36 15a45 0.0133 36. 2,008 9p. 278 71158 0253 28657 6p.05 14a38 8152 1248 0,002 7p.23 15a50 91146 2441 1,008 8p. 287 7148 0262 28626 5p.51 14a42 81184 0,002 7p.23 15a50 91146 2441 1,008 8p. 298 71140 0262 28626 5p.51 14a42 81184 0,002 2931 7p.09 15a55 91159 32610 1,038 8p. 298 71130 29131 27920 5p.1 14a42 81124 0.054 2859 6p.55 16a00 9118 1249 0,005 8p. 308 7116 29131 27920 5p.1 14a52 8110 0.026 28266 6p.51 16a00 9118 1249 0,005 8p. 318 7102 29102 26e46 5p.05 14a57 7155 29157 27652 6p.06 6p.10 16a17 81149 0.053 28658 7p. 328 6147 28113 2620 24617 3p. 15a08 7116 28118 26602 5p.37 16a25 4p. 29153 27447 7p. 348 6117 27130 24a17 3p. 5p. | . | 9 m 58 | | | | | | | I | | | | | | | |
| 285 88150 2256 0,055 6857 14-020 9815 3502 1,059 88912 15-03 10039 4227 3,004 9891 285 88138 22511 0,026 6844 14-024 98132 3506 1,031 88900 15-036 10013 3506 2,008 9891 285 88111 1591 29928 6819 14-033 98105 2515 0,033 7836 15-046 10013 3506 2,008 9891 285 7844 0,026 28526 5851 14-042 8818 1521 2983 0,002 7823 15-05 98102 2241 0,008 8891 285 7844 0,026 28526 5851 14-042 8818 1521 2983 0,002 7823 15-05 98102 22417 0,037 8891 285 7844 0,026 28526 5851 14-042 8818 1521 2983 7890 15-055 9812 2517 0,037 8891 285 7846 0,021 27620 5821 14-052 88110 0,022 28526 6855 16-000 9818 1249 0,005 8891 305 7846 28133 26600 4849 15-003 7845 29825 28625 6856 16-00 9881 2849 0,005 8891 325 6147 28133 26600 4849 15-003 7846 29823 28923 7892 2817 29832 7893 385 6147 27133 24556 4814 15-014 7810 28888 26490 5854 16-023 8819 29833 27690 7804 365 5146 26113 23636 3835 15-026 68155 27857 25623 38919 16-025 8819 29833 27690 7804 375 5130 25188 22654 3814 15-03 7814 28132 26132 2819 25650 6891 385 6110 27102 24917 3855 15-026 68155 27857 25623 38919 16-035 7848 28151 266930 6894 385 5113 25125 22611 2853 15-036 68155 27857 25623 38919 16-035 7848 28151 266930 6894 385 5113 25125 22611 2853 15-036 6818 23917 48919 16-056 6819 278112 246925 386 5113 25125 22611 2853 15-036 6818 23917 48919 16-056 6819 27814 24919 385 4156 24150 21926 29830 15-053 58132 25809 29830 17-046 6819 27814 25905 385 5113 25125 29818 14-056 28814 18-056 28814 18-056 28814 18-056 28814 18-056 28814 18-056 28814 18-056 28814 18-056 28814 18-056 | | 9 mp 48 | | | | | | | | | | | | | | |
| 258 8 124 1 124 2 2 2 2 2 1 1 1 2 2 | . | 9 m 27 | 1 | | | | - | | | | | ~ | | | | |
| 265 8111 1 | 16 16≗47 | 9 mg 16 | 2⋒36 | 4902 | 10П26 | 15 ≏ 36 | 8 mg 00 | 1 231 | 3506 | 9П32 | 14≏24 | 6 mg 44 | 0ຄ26 | 2511 | 8П38 | 24S |
| 278 7158 0953 2897 6m05 1498 81152 1948 0,020 7m23 15450 9114 2244 1,008 8m-288 71140 0926 28926 5m51 14942 81138 1491 0,9631 7m09 15955 9113 2,9617 0,037 8m2 29831 7m02 29102 26946 5m05 14947 81124 0,9634 28859 6m55 16400 9118 1494 0,005 8m2 28927 7m10 29102 26946 5m05 14957 7155 29157 27952 6m26 6m11 81149 0,005 28838 26940 6m10 16417 8m149 0,005 28838 26940 3m33 28810 29933 28938 7m4 29128 27916 6m10 16417 8m149 0,9633 28868 7m4 29123 27940 7m10 28128 27916 6m10 16417 8m149 0,9633 28868 7m4 28133 26910 4m49 15403 7m10 28128 26920 5m37 16429 8m104 29133 27690 7m10 28128 24901 4m40 16449 7m123 28199 25690 6m2 28858 28859 2885 | . | 9 mg 05 | | | | 15 △ 40 | - | | | | | | | | | 25S |
| 288 71144 0926 28826 58951 14442 8118 1921 29931 7809 15a55 9113 29217 0,037 8892 2987 7130 29189 27953 58936 14447 8112 0626 28829 6895 16400 9113 12921 2932 8896 318 7102 29102 266246 5895 14465 8110 0626 28829 6895 16400 9113 1291 2932 8896 318 7102 29102 266246 5895 14465 71155 29187 27652 68926 6894 6811 8149 0633 28828 7892 28864 28889 7892 28889 | | 8 m 53 | | | | | | | | | | | | | | |
| 298 | | 8 mp 41 | | | | | | | | | | | | | | |
| 30S 7H16 29H31 27520 5m21 14a52 8H10 0526 28526 6m41 16a06 9H03 1521 29532 8m4 318 7H02 29H02 26546 5m05 4m54 5a03 7H41 29H38 27526 6m26 6m21 8H14 0553 28558 7m5 32S 6H72 28H33 25540 4m32 15a08 7H26 28H58 27526 6m26 6m20 6m20 6m20 3H27 3H38 6H32 28H04 25534 4m32 15a08 7H26 28H58 26540 5m54 16a23 8H19 29H33 27547 7m1 34S 6H17 27H33 24556 4m14 15a14 7H10 28H28 26560 5m57 16a29 8H04 29H33 27547 7m1 34S 6H17 27H33 24556 4m14 15a14 7H10 28H28 26560 5m57 16a29 8H04 29H33 27547 7m1 3H58 27H36 29H33 27547 7m1 3H58 29H33 24H35 25536 6m23 27H25 24543 5m00 16a42 7H32 28H19 25550 6m23 3H53 25H58 225411 2m53 35439 6m16 26H18 23547 4m19 16a49 7H15 27H46 25508 6m23 3H5 24H35 20H39 24H59 24H39 24H59 24H39 24H | | 8 mg 15 | | | | | | | | | | | | | | |
| 318 7102 29102 26246 5\$\text{m}\$05 14.0.57 715.5 291.57 2725.2 6\$\text{m}\$26 6\$\text{m}\$10 16.0.17 811.4 0.253 282.3 7\$\text{m}\$336 611.3 2811.3 221.53 282.3 7\$\text{m}\$336 611.7 2711.3 2425.6 4\$\text{m}\$14 15.0.14 711.0 2811.8 2620.0 5\$\text{m}\$37 16.0.23 811.9 2915.3 2724.7 7\$\text{m}\$1 345 611.7 2711.3 2425.6 4\$\text{m}\$14 15.0.14 711.0 2811.8 2620.0 5\$\text{m}\$37 16.0.29 810.4 2912.3 2720.9 7\$\text{m}\$1 355 610.0 2710.0 2710.2 3\$\text{m}\$55 15.0.2 611.5 611.5 611.5 611.5 2711.5 2711.5 252.3 5\$\text{m}\$19 16.0.35 711.4 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 2623.0 611.3 2811.5 22241.1 2811.5 | | 8 mp 01 | | 1 9 2 1 | 9п03 | 16₽06 | | 28\$26 | 0.526 | 8 π 10 | 14 ♀ 52 | | 27920 | 29 П 31 | 7π16 | 30S |
| 338 6132 28104 25934 44932 15±08 7126 28158 26900 5954 16±23 8119 29153 27947 797 345 6117 27113 24556 4914 15±14 77110 28128 26902 5937 16±29 8104 29123 27909 7796 358 6110 27102 24517 3955 15±20 6155 27157 25±23 5919 16±35 77148 28151 26±30 6943 378 51130 25158 22±514 3914 15±32 61123 26152 24±01 4940 16±49 77115 27146 25±08 6963 398 3113 25125 22±311 2953 15±30 6106 26118 23±17 4919 16±56 61149 27112 24±25 5953 398 4156 24150 21±26 2930 15±46 5149 25144 22±32 3957 17±03 6142 26138 23±39 29±56 4154 4121 23139 19±50 19±10 16±08 4155 23155 20±56 25±64 23±14 23±39 19±50 19±10 16±08 4155 23155 20±60 29±41 17±28 51±48 24148 21±12 4458 31±5 21±44 17±10 09±12 16±25 4117 22±36 18±61 19±12 29±16 17±36 51±92 24±109 20±19 39±24 458 31±6 21±44 17±10 09±12 16±25 4117 22±36 18±61 19±12 29±16 17±36 51±9 24±109 20±19 39±24 478 21±25 19±38 14±08 28±26 41±19 21±36 15±31 10±41 17±56 41±49 22±148 18±25 29±30 18±54 13±02 27±45 13±16 17±46 17±46 25±26 22±10 19±2 4758 21±25 19±38 14±08 28±26 16±54 31±16 20±30 15±31 09±41 14±07 29±25 18±28 31±45 21±16 17±46 20±21 19±14 14±07 20±25 19±38 14±08 28±26 20±30 15±31 10±30 15±31 10±30 15±31 10±30 15±31 10±30 20±14 17±45 10±30 20±14 17±45 10±30 20±30 10±30 15±31 20±30 10±30 20±30 10±30 20±30 | | 7 mp 47 | | | | | | | | | | | | | | |
| 34S 6 6 6 7 27 13 24 25 6 4 14 15 21 4 7 10 28 12 26 26 2 5 37 16 29 8 10 4 29 12 27 20 7 7 7 35 35 31 32 32 33 35 35 32 32 32 | | 7 m 32 | 1 | | | | | | I | | | | | | | |
| 35S 6H01 27H02 24\$\pi 17 3\$\pi 55 15\times 20 6H55 27H57 25\pi 23 5\pi 19 16\times 35 7H48 28H51 26\$\pi 30 66\pi 36S 5H46 26H31 23\pi 36 3\pi 55 15\times 26 6H59 27H25 24\pi 44 5h00 16\times 42 7H12 27H46 25\pi 508 6\pi 37S 5H00 25H58 22\pi 54 3H1 15\times 22 6H23 26H23 26H23 24\pi 50 24\pi 44 3H14 16\times 44 7H15 27H46 25\pi 508 6\pi 6\pi 37S 5H30 25H52 22\pi 11 2\pi 53 15\times 32 6H23 26H23 26H23 24H30 16\times 6 6H59 7TH12 24\pi 25 5\pi 84 3H5 24H50 21\pi 26 2\pi 30 15\times 46 5H49 25H44 22\pi 32 3\pi 57 17\times 0 6H42 26H38 23\pi 39 5\pi 14 15\times 24 24\pi 32 24H15 20\pi 39 2\pi 50 1\pi 40 16\times 0 5H14 24H32 20\pi 53 3\pi 34 17\times 11 6H24 26H02 22\pi 55 5\pi 415 4H54 4H52 23H39 23H5 23H55 24\pi 40 24H48 24H | | 7 m 16 | | | | | | | | | | | | | | |
| 368 5 5 5 6 6 6 3 3 5 5 6 6 6 3 9 7 1 5 2 2 4 3 5 5 0 0 1 6 6 6 7 1 1 1 1 2 2 3 5 3 3 3 3 3 3 3 3 | | - | | | | | | | | | | | | | | |
| 378 5130 25188 2254 3m 14 15a32 6112 26118 23517 4m 40 16a49 7115 27146 25508 6m 60 | | 6 mg 43 | | | | | | | | | | | | | | |
| 398 | | 6 mg 06 | | | | - | | | | | | | | | | |
| 408 4Π39 24Π15 20⊕39 2m05 15⊕53 5Π32 25Π09 21⊕45 3m34 17⊕11 6Π24 26Π02 22⊕52 5m04 41S 4Π21 23Π39 19⊕50 1m40 16⊕00 5Π14 24Π32 20⊕56 3m09 17⊕19 6Π06 25Π26 22⊕03 4m24 4π35 3Π45 22Π24 18⊕59 1m12 16⊕08 4Π55 23Π55 20⊕05 2m43 17⊕28 5Π48 24Π48 21⊕12 4m14 4π35 3π45 22Π24 18⊕06 0m43 16⊕16 4Π37 23Π16 19⊕12 2m16 17⊕46 5Π29 24Π09 20⊕19 3m24 4π35 3π25 21π44 17⊕10 0m12 16⊕25 4Π17 22Π36 18⊕16 1m46 17⊕46 5π09 23π29 19⊕23 3m24 46S 2π46 20π22 15⊕12 29Ω04 16⊕44 3π37 21Π36 15⊕13 1m14 17⊕56 4π49 22Π48 18⊕25 2m34 44S 2π25 19π38 14⊕08 28Ω26 16⊕54 3π16 20π30 15⊕13 0m04 18⊕17 4π07 21π21 16⊕19 1m48 4π55 2π25 19π38 14⊕08 28Ω26 16⊕54 3π16 20π30 15⊕13 0m04 18⊕17 4π07 21π21 16⊕19 1m49 4π55 1π14 18π08 11⊕52 27Ω01 17⊕16 2π32 18π58 12⊕56 28Ω42 18⊕41 3π23 19π48 14⊕01 0m2 25π5 1π14 18π08 19⊕22 25Ω21 17⊕41 1π44 17π19 10⊕25 27Ω06 19⊕28 2π35 18π09 11⊕28 28Ω5 25π0 0π30 15π39 8⊕01 24Ω24 17⊕55 1π20 16π27 9⊕03 26Ω11 19⊕22 2π10 17π17 10⊕06 27Ω5 25π2 25π2 25π2 18⊕26 0π24 14π38 6⊕06 24Ω3 19⊕52 2π10 17π17 10⊕06 27Ω5 25π2 25π2 25π2 18⊕43 29⊌59 13π39 4⊕30 22Ω49 20⊕14 0π148 14π26 5∞29 24Ω4 25π2 28⊎11 10π50 0⊕06 17Ω54 19⊕22 29⊌00 11π36 19⊕20 29⊌30 12π39 29⊕40 11π15 20⊕34 20⊕3 20Ω1 3m25 3æ47 23Ω4 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕40 23⊕3 2 | | 5 m/46 | | | | 16≗56 | | | | | | 2 m/53 | | | 5П13 | |
| 41S | 26 18 ≏ 21 | 5 m/26 | 23539 | 26П38 | 6П42 | 17≗03 | 3 m, 57 | 22532 | 25 11 44 | 5П49 | 15 ≙ 46 | 2 m/30 | 21 5 26 | 24II 50 | 4II56 | 39S |
| 428 | | 5 m 03 | 1 | | | | | | | | | | | | | |
| 438 3 3 45 22 12 18 206 0 6 43 16 6 6 4 13 7 23 16 19 20 2 16 17 236 5 129 24 109 20 20 3 36 448 3 125 21 144 17 17 10 0 12 16 25 4 11 7 22 136 18 36 1 16 4 17 24 46 5 109 23 129 19 23 3 16 24 3 13 3 3 3 3 3 3 3 | | 4 m 40 | | | | | | | | | | | | | | |
| 44S 3 3 25 2 1 1 4 1 7 9 0 1 1 6 25 4 1 7 2 2 3 18 6 1 1 1 1 1 2 4 5 5 1 9 2 3 3 1 2 4 5 3 1 4 5 1 1 4 5 4 4 4 4 4 4 4 4 | | 3 m/49 | | | | | | | l | | | | | | | |
| 468 21146 201122 15512 29.004 16.0.44 31.37 21.113 16517 0.0.41 18.006 41.28 22.105 17.524 2.0.14 | | 3 m 21 | | | | | | | | | | | | | | |
| 478 2125 19138 14508 28.026 16.654 3116 20130 15513 0104 18.617 4107 21121 16519 1104 1885 2103 18154 13502 27.045 17.044 2154 19144 14507 29.025 18.628 3145 20136 15512 1104 18108 11552 27.001 17.616 2132 18158 1256 28.042 18.641 3123 19148 14501 0105 0508 1118 17120 10539 26.013 17.628 2109 18109 11542 27.056 18.654 2159 19100 12547 29.04 1518 01154 16130 9522 25.021 17.641 1144 17119 10552 27.006 19608 2135 18109 11528 28.05 28.013 15139 8501 24.024 17.655 1120 16127 9503 26.011 19622 2110 17117 10506 27.05 27 | 50 19≗17 | 2 m/50 | 18525 | 22 Д 48 | 4п49 | 17≗56 | 1 m, 14 | 179518 | | 3 Д 57 | 16 ≏ 34 | 29 & 39 | 16ഇ13 | 21 11 04 | 3П06 | 45S |
| 48S 2π03 18π54 13∞02 27.045 17∞04 2π54 19π44 14∞07 29.025 18∞28 3π45 20π36 15∞12 1m0 49S 1π41 18π08 11∞52 27.001 17∞16 2π32 18π58 12∞56 28.042 18∞41 3π23 19π48 14∞01 0m2 50S 1π18 17π20 10∞39 26.013 17∞28 2π09 18π09 11∞42 27.056 18∞54 2π59 19π00 12∞47 29.04 51S 0π54 16π30 9∞22 25.021 17∞41 1π44 17π19 10∞25 27.06 19∞08 2π35 18π09 11∞28 28.05 52S 0π30 15π39 8∞01 24,024 17∞55 1π20 16π27 9∞03 26,011 19∞22 2π10 17π17 10∞06 27.05 53S 0π04 14π45 6∞36 23,021 18∞26 0π27 14π38 6∞06 24,003 <th< th=""><th></th><th>2 m 18</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<> | | 2 m 18 | | | | | | | | | | | | | | |
| 49S 1 π41 18π08 11 ε52 27 π01 17 ε16 2 π32 18π58 12 ε56 28 π42 18 ε41 3 π23 19π48 14 ε01 0 π2 50S 1 π18 17π20 10 ε39 26 π13 17 ε28 2 π09 18 π09 11 ε42 2 π π π π π π π π π π π π π π π π π π π | | 1 m 43 | | | | | | | I | | | | | I | | |
| 50S 1 π 18 17π20 10 39 26 Ω 13 17 ± 28 2 π 09 18 π 09 11 542 27 Ω 56 18 ± 54 2 π 59 19 π 00 12 547 29 Ω 4 51S 0 π 54 16 π 30 9 522 25 Ω 21 17 ± 41 1 π 44 17 π 19 10 525 27 Ω 06 19 ± 08 2 π 35 18 π 09 11 528 28 Ω 35 52S 0 π 30 15 π 39 8 501 24 Ω 24 17 ± 55 1 π 20 16 π 27 9 503 26 Ω 11 19 ± 22 2 π 10 17 π 17 10 506 27 Ω 35 53S 0 π 04 14 π 45 6 36 23 Ω 21 18 ± 10 0 π 54 15 π 34 7 537 25 π 10 19 ± 38 1 π 44 16 π 22 8 59 27 π 07 25 π 25 54S 29 ⊗ 37 13 π 50 5 506 22 π 12 18 ± 26 0 π 27 14 π 38 6 506 24 π 03 19 ± 38 1 π 44 16 π 22 29 π 07 25 π 25 55S 29 ⊗ 10 12 π 53 3 331 | | 1 mp 06 0 mp 25 | | | | | | | | | | | | | | |
| 51S 0 π 54 16 π 30 9 ∞ 22 25 Ω 21 17 ω 41 1 π 44 1 π π 19 10 ∞ 25 27 Ω 06 19 ω 08 2 π 35 18 π 09 11 ∞ 28 28 Ω 25 52S 0 π 30 15 π 39 8 ∞ 01 24 Ω 24 17 ω 55 1 π 20 16 π 27 9 ∞ 03 26 Ω 11 19 ω 22 2 π 10 17 π 17 10 ∞ 06 27 Ω 35 53S 0 π 04 14 π 45 6 ∞ 36 23 Ω 21 18 ω 10 0 π 54 15 π 34 7 ∞ 37 25 Ω 10 19 ω 38 1 π 44 16 π 22 8 ∞ 39 27 Ω 0 54S 29 ⊗ 37 13 π 50 5 ∞ 66 22 Ω 12 18 ω 26 0 π 27 14 π 38 6 ∞ 60 24 Ω 03 19 ω 56 1 π 17 15 π 25 7 ∞ 07 25 Ω 5 55S 29 ⊗ 10 12 π 53 3 ∞ 31 20 ω 55 18 ω 43 29 ⊗ 59 13 π 39 4 ∞ 30 22 Ω 49 20 ω 14 0 π 48 14 π 26 5 ∞ 29 24 Ω 4 56S 28 ⊗ 41 11 π 53 1 ∞ 30 19 | | | | | | | | | | | | | | | | |
| 52S 0 π 30 15 π 39 8 ∞ 01 24 Ω 24 17 ∞ 55 1 π 20 16 π 27 9 ∞ 03 26 Ω 11 19 ∞ 22 2 π 10 17 π 17 10 ∞ 06 27 Ω 53S 53S 0 π 04 14 π 45 6 ∞ 36 23 Ω 21 18 ∞ 10 0 π 54 15 π 34 7 ∞ 37 25 Ω 10 19 ∞ 38 1 π 44 16 π 22 8 ∞ 39 27 Ω 0 54S 29 ⊗ 37 13 π 50 5 ∞ 66 22 Ω 12 18 ∞ 26 0 π 27 14 π 38 6 ∞ 60 24 Ω 03 19 ∞ 56 1 π 17 15 π 25 7 ∞ 07 25 Ω 5 55S 29 ⊗ 10 12 π 53 3 ∞ 31 20 Ω 55 18 ∞ 43 29 ⊗ 59 13 π 39 4 ∞ 30 22 Ω 49 20 ∞ 14 0 π 48 14 π 26 5 ∞ 29 24 Ω 2 56S 28 ⊗ 41 11 π 53 1 9 Ω 30 19 ∞ 22 29 ⊗ 30 12 π 39 2 ∞ 49 21 ω 25 20 ∞ 34 0 π 19 13 π 25 3 ∞ 47 23 Ω 2 57S 28 ⊗ 11 10 π 50 0 ∞ 60 17 Ω 54 19 | | 28 \$\alpha 52 | | | | | | | | | | | | | | |
| 54S 29837 13 π 50 5 ∞ 66 22 Ω 12 18 ∞ 26 0 π 27 14 π 38 6 ∞ 6 24 Ω 03 19 ∞ 56 1 π 17 15 π 25 7 ∞ 07 25 Ω 25 55S 29 8 10 12 π 53 3 ∞ 31 20 Ω 55 18 ∞ 43 29 8 59 13 π 39 4 ∞ 30 22 Ω 49 20 ∞ 14 0 π 48 14 π 26 5 ∞ 29 24 Ω 4 56S 28 8 4 1 11 π 53 1 ∞ 51 19 Ω 30 19 ∞ 02 29 8 30 12 π 39 2 ∞ 49 21 Ω 25 20 ∞ 34 0 π 19 13 π 25 3 ∞ 47 23 Ω 25 57S 28 8 11 10 π 50 0 ∞ 06 17 Ω 54 19 ∞ 22 29 8 00 11 π 36 1 ∞ 02 19 Ω 52 20 ∞ 56 29 8 48 12 π 21 1 ∞ 58 21 Ω 55 58S 27 8 40 9 π 46 28 π 15 16 Ω 06 19 ∞ 44 28 8 28 10 π 30 29 π 08 18 Ω 07 21 ∞ 20 29 8 16 11 π 15 0 ∞ 30 20 Ω 1 59S 27 8 07 8 π 38 26 π 17 14 Ω 04 20 ∞ 36 27 8 2 | 259 20 2 50 | 27⋒59 | 10506 | 17Д17 | 2П10 | 19≏22 | 26⋒11 | 9©03 | 16П27 | 1 Д 20 | 17 ≏ 55 | 24⋒24 | 8গু01 | 15П39 | 0П30 | 52S |
| 55S 29 810 12 π 53 3 \$\oting 31\$ 20 \$\oting 55\$ 18 \$\oting 43\$ 29 \$\oting 59\$ 13 π 39 4 \$\oting 30\$ 22 \$\oting 49\$ 20 \$\otin 14\$ 0 π 48 14 π 26 5 \$\oting 29\$ 24 \$\oting 46\$ 56S 28 8 4 1 11 π 53 1 \$\oting 51\$ 19 \$\oting 30\$ 19 \$\oting 42\$ 29 8 30 12 π 39 2 \$\oting 49\$ 21 \$\oting 25\$ 20 \$\oting 34\$ 0 π 19 13 π 25 3 \$\oting 47\$ 23 \$\oting 25\$ 57S 28 8 11 10 π 50 0 \$\oting 606\$ 17 \$\oting 54\$ 19 \$\oting 22\$ 29 8 00 11 π 36 1 \$\oting 02\$ 19 \$\oting 52\$ 20 \$\oting 56\$ 29 8 48 12 π 21 1 \$\oting 58\$ 21 | | 27Ω01 25Ω56 | | | | | | | | | | | | | | |
| 56S 28 841 11 π 53 1 9 Ω 30 19 Ω 30 19 Ω 20 29 8 30 12 π 39 2 ∞ 49 21 Ω 25 20 Ω 34 0 π 19 13 π 25 3 ∞ 47 23 Ω 20 57S 28 8 11 10 π 50 0 ∞ 06 17 Ω 54 19 Ω 22 29 8 00 11 π 36 1 ∞ 02 19 Ω 52 20 Ω 56 29 8 48 12 π 21 1 ∞ 58 21 Ω 5 58S 27 8 40 9 π 46 28 π 15 16 Ω 06 19 Ω 44 28 8 28 10 π 30 29 π 08 18 Ω 07 21 Ω 20 29 8 16 11 π 15 0 ∞ 03 20 Ω 1 59S 27 8 07 8 π 38 26 π 17 14 Ω 04 20 Ω 36 27 8 21 8 π 10 25 π 03 13 Ω 50 22 Ω 15 28 8 08 8 π 53 25 π 53 15 Ω 53 61S 25 8 57 6 π 14 22 π 03 9 Ω 05 21 Ω 06 26 8 44 6 π 55 22 π 50 11 Ω 11 22 Ω 47 27 8 31 7 π 37 23 π 37 13 Ω 25 62S 25 8 20 4 π 57 19 π 45 | | 25 N 56 | | | | | | | | | | | | | | |
| 57S 28 ⊗ 11 10 π 50 0 ∞ 06 17 π 54 19 ω 22 29 ⊗ 00 11 π 36 1 ∞ 02 19 π 52 20 ω 56 29 ⊗ 48 12 π 21 1 ∞ 58 21 π 58 58S 27 ⊗ 40 9 π 46 28 π 15 16 π 06 19 ω 44 28 ⊗ 28 10 π 30 29 π 08 18 π 07 21 ω 20 29 ⊗ 16 11 π 15 0 ∞ 03 20 π 1 59S 27 ⊗ 07 8 π 38 26 π 17 14 π 04 20 ω 36 27 ⊗ 21 8 π 10 25 π 03 13 π 50 22 ω 15 28 ⊗ 08 8 π 53 25 π 53 15 π 53 61S 25 ⊗ 57 6 π 14 22 π 03 9 π 05 21 ω 60 26 ⊗ 44 6 π 55 22 π 50 11 π 11 22 ω 47 27 ⊗ 31 7 π 37 23 π 37 13 π 23 62S 25 ⊗ 20 4 π 57 19 π 45 6 π 01 21 ω 39 26 ⊗ 06 5 π 37 20 π 30 8 π 07 23 ω 23 26 ⊗ 53 6 π 18 21 π 14 10 π 2 63S 24 ⊗ 40 3 π 36 17 π 21 | | 24 \Omega 44 | | | | I | | 1 | | | | | | | | |
| 58S 27 840 9 π 46 28 π 15 16 Ω 60 19 ± 44 28 ± 28 10 π 30 29 π 08 18 Ω 07 21 ± 20 29 ₺ 16 11 π 15 0 ± 30 20 Ω 1 59S 27 ₺ 07 8 π 38 26 π 17 14 Ω 04 20 ± 09 27 ₺ 55 9 π 21 27 π 09 16 Ω 07 21 ± 46 28 ₺ 43 10 π 05 28 π 02 18 Ω 10 60S 26 ₺ 33 7 π 27 24 π 13 11 Ω 45 20 ± 36 27 ₺ 21 8 π 10 25 π 03 13 Ω 50 22 ± 15 28 ₺ 08 8 π 53 25 π 53 15 Ω 5 61S 25 ₺ 57 6 π 14 22 π 03 9 Ω 05 21 ± 06 26 ₺ 44 6 π 55 22 π 50 11 Ω 11 22 ± 47 27 ₺ 31 7 π 37 23 π 37 13 Ω 2 62S 25 ₺ 20 4 π 57 19 π 45 6 Ω 01 21 ± 39 26 ₺ 06 5 π 37 20 π 30 8 Ω 07 23 ± 23 26 ₺ 33 6 π 18 21 π 14 10 Ω 2 63S 24 ₺ 40 3 π 36 17 π 21 <t< th=""><th></th><th>23 81 24 21 Ω 53</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<> | | 23 81 24 21 Ω 53 | | | | | | | | | | | | | | |
| 598 27807 8 π 38 26 π 17 14 π 04 20 π 09 27855 9 π 21 27 π 09 16 π 07 21 π 46 28 8 43 10 π 05 28 π 02 18 π 16 | I | 20 Ω 11 | | | | I | | 1 | l | | | | | | | |
| 61S $25 \otimes 57$ $6\pi 14$ $22 \pi 03$ $9 \Omega 05$ 21 ± 06 $26 \otimes 44$ $6\pi 55$ $22 \pi 50$ $11 \Omega 11$ 22 ± 47 $27 \otimes 31$ $7\pi 37$ $23\pi 37$ $13 \Omega 2$ 62S $25 \otimes 20$ $4\pi 57$ $19\pi 45$ $6\Omega 01$ 21 ± 39 $26 \otimes 06$ $5\pi 37$ $20\pi 30$ $8\Omega 07$ 23 ± 23 $26 \otimes 53$ $6\pi 18$ $21\pi 14$ $10\Omega 2$ 63S $24 \otimes 40$ $3\pi 36$ $17\pi 21$ $2\Omega 27$ $22\pi 17$ $25 \otimes 26$ $4\pi 15$ $18\pi 02$ $4\Omega 32$ 24 ± 04 $26 \otimes 12$ $4\pi 55$ $18\pi 43$ $6\Omega^2$ 64S $23 \otimes 59$ $2\pi 12$ $14\pi 49$ $28\pi 17$ $23\pi 00$ $24\otimes 44$ $2\pi 50$ $15\pi 26$ $0\Omega 20$ $24\pi 49$ $25\otimes 29$ $3\pi 28$ $16\pi 05$ $2\Omega^2$ 65S $23 \otimes 15$ $0\pi 44$ $12\pi 09$ $23\pi 24$ $23\pi 49$ $24\otimes 00$ $1\pi 20$ $12\pi 44$ $25\pi 22$ $25\pi 41$ $24\otimes 44$ $1\pi 57$ $13\pi 18$ $27\pi 2$ | | 18 & 13 | 28П02 | | | | | | | | 20 ₾ 09 | | 26П17 | 8Д38 | | |
| 62S 25 8 20 4 π 57 19 π 45 6 Ω 01 21 ± 39 26 8 06 5 π 37 20 π 30 8 Ω 07 23 ± 23 26 8 53 6 π 18 21 π 14 10 Ω 2 63S 24 8 40 3 π 36 17 π 21 2 Ω 27 22 ± 17 25 8 26 4 π 15 18 π 02 4 Ω 32 24 ± 04 26 8 12 4 π 55 18 π 43 6 Ω 4 64S 23 8 59 2 π 12 14 π 49 28 517 23 ± 00 24 8 44 2 π 50 15 π 26 0 Ω 20 24 ± 49 25 8 29 3 π 28 16 π 05 2 Ω 32 65S 23 8 15 0 π 44 12 π 09 23 5 24 23 ± 49 24 8 00 1 π 20 12 π 44 25 5 22 25 ± 41 24 8 44 1 π 57 13 π 18 27 5 5 | I | 15⋒59 | | | | | | | | | | | | I | | |
| 63S 24840 3π36 17π21 2Ω27 22 ± 17 25826 4π15 18π02 4Ω32 24±04 26812 4π55 18π43 6Ω4 64S 23859 2π12 14π49 28±17 23±00 24844 2π50 15π26 0Ω20 24±49 25829 3π28 16π05 2Ω3 65S 23815 0π44 12π09 23±24 23±49 24800 1π20 12π44 25±22 25±41 24844 1π57 13π18 27±2 | | 13 22 | | | | | | | | | | | | | | |
| 64S 23 8 59 2 π 12 14 π 49 28 5 17 23 2 00 24 8 44 2 π 50 15 π 26 0 Ω 20 24 2 4 9 25 8 29 3 π 28 16 π 05 2 Ω 3 65S 23 8 15 0 π 44 12 π 09 23 5 24 23 2 4 9 24 8 00 1 π 20 12 π 44 25 5 22 25 2 4 1 24 8 44 1 π 57 13 π 18 27 5 2 | I | 10Ω20 6Ω45 | | | | | | | | | | | | | | |
| 65S 23⊌15 0π44 12π09 23©24 23⊕49 24⊌00 1π20 12π44 25©22 25⊕41 24⊌44 1π57 13π18 27©2 | | 2 N 30 | | | | | | | | | | | | | | |
| | I | 27527 | | | | | | | | | | | | | | |
| 000 ∠∠⊙∠o ∠У⊙1∠ УД∠з 1/७44 ∠4≚4з ∠з⊙1з ∠У⊙4/ УДзз 1У©31 26≗4∠ ∠з⊙3/ ОД∠∠ 10Д∠4 21©∠ | | 21526 | 10 Д 24 | 0П22 | 23857 | 26 - 42 | 19531 | 9Д53 | 29847 | 23813 | 24 <u>0</u> 45 | 17944 | 9П23 | 29812 | 22828 | 66S |
| | | 17535 | | | | | | | | | | | | | | |

| | Sid.Tir MC: | | 0m AR 327'51 | MC: 45 | °00' | Sid.Tir MC: | | 4m AR 27'32 | MC: 46 | 5°00' | Sid.Tir MC: | ne: 3h08 | 8m AR 327'03 | MC: 47 | '°00' |
|------------|----------------------------------|----------------------|----------------------------------|--|------------------------------------|----------------------------------|--------------------------------|----------------------|--|----------------------------------|----------------------------------|--------------------------------|------------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16П11 | 13548 | 12.032 | 13 mg 43 | 16≏16 | 17П06 | 145644 | 13 Q 32 | 14 m, 47 | 17≗21 | 18п02 | 15940 | 14£32 | 15 m, 52 | 18≏25 |
| 1S | 15П59 | 13528 | 12 Q 13 | 13 m 36 | 16≏20 | 16П55 | 14524 | 13 Q 13 | 14 m/41 | 17≏25 | 17 I I50 | 15©20 | 14Ω14 | 15 m/47 | 18 ₾ 29 |
| 2S | 15 II 48 | 13508 | 11.055 | 13 m 30 | 16 24 | 16 II 43 | 14904 | 12.055 | 14 m 35 | 17 ₾ 29 | 17Д39 | 14559 | 13 0 3 7 | 15 m 41 | 18 ₾ 33 |
| 3S 4S | 15 Д 36 15 Д 24 | 12947 12927 | 11Ω36 11Ω17 | 13 m ₂ 23 13 m ₂ 17 | 16 ≗ 27 16 ≗ 31 | 16 II 31 16 II 20 | 13©43 13©23 | 12 N 36 12 N 18 | 14 m/29 14 m/23 | 17 ♀ 33 | 17П27 17П15 | 14539 14519 | 13 Ω 37 13 Ω 19 | 15 m ₂ 35 15 m ₂ 30 | 18 ≏ 38 18 ≏ 42 |
| 5S | 15 Д 13 | 12006 | 10Ω58 | 13 mg 10 | 16 - 35 | 16П08 | 13502 | 11Ω59 | 14 m 17 | 17 ⊆ 37 | 17Д13 | 13958 | 13 Ω 00 | 15 mg 24 | 18-246 |
| 6S | 15 II 01 | 119346 | 102238 | 13 mg 03 | 16≗39 | 15 II 56 | 129642 | 11 Ω 39 | 14 mg 11 | 17241 | 16 II 52 | 13938 | 12Ω41 | 15 mg 18 | 18≗40 |
| 7S | 14П49 | 11@25 | 10 A 18 | 12 m 57 | 16≏42 | 15 Д 45 | 12©21 | 11 a 20 | 14 m/04 | 17ჲ49 | 16耳40 | 13517 | 12 \Omega 22 | 15 m 12 | 18≏55 |
| 8S | 14П38 | 11504 | 9Ω58 | 12 m/49 | 16 ≏ 46 | 15 Д 33 | 12500 | 11 A 00 | 13 m 57 | 17♀53 | 16П28 | 12556 | 12002 | 15 mg 06 | 18 ₾ 59 |
| 9S | 14П26 | 10543 | 9Ω38 | 12 mg 42 | 16≗50 | 15П21 | 11539 | 10Ω40 | 13 m, 51 | 17≗57 | 16耳16 | 12535 | 11 Q 43 | 14 m, 59 | 19≗04 |
| 10S | 14 II 14 | 10522 | 9Ω17 | 12 m 35 | 16 ≏ 54 | 15 II 09 | 11518 | 10 \(\O 20 \) | 13 m 44 | 18201 | 16 II 04 | 12514 | 11 0 22 | 14 m 53 | 19 △ 08 |
| 11S 12S | 14П02 13П50 | 10©00 9©39 | 8N56 8N35 | 12 m/28 12 m/20 | 16 ♀ 58 17 ♀ 02 | 14 II 57 14 II 45 | 10ഇ56 10ഇ35 | 9 N 59 9 N 38 | 13 m ₂ 37 13 m ₂ 30 | 18 2 06 | 15 II 53 15 II 41 | 11@53 11@31 | 11Ω02 10Ω41 | 14 mp 47 14 mp 40 | 19 ≙ 13 |
| 13S | 13 Д 38 | 9917 | 8 N 13 | 12 mg 12 | 17 ⊆ 02 | 14 II 33 | 10933 | 9Ω16 | 13 mg 23 | 18 - 14 | 15 Д 28 | 11509 | 10 Ω 20 | 14 mg 33 | 19 ₾ 22 |
| 14S | 13П26 | 8955 | 7 . 051 | 12 mg 04 | 17≗11 | 14 I I21 | 9951 | 8 N 54 | 13 m 15 | 18 ≏ 19 | 15 I I16 | 10947 | 9ຄ58 | 14 m/26 | 19≏27 |
| 15S | 13 Д 14 | 8ഇ32 | 7 . 28 | 11 m ₂ 56 | 17≗15 | 14П09 | 9ഇ29 | 8 a 32 | 13 mg 08 | 18≏23 | 15П04 | 10ഇ25 | 9ຄ36 | 14 m, 19 | 19 ≙ 32 |
| 16S | 13 Д 02 | 8510 | 7.05 | 11 mg 48 | 17 20 | 13 Д 57 | 9906 | 8 A 09 | 13 m 00 | 18 ₾ 28 | 14 Д 52 | 10502 | 9Ω14 | 14 m 12 | 19 △ 36 |
| 17S 18S | 12П50 12П38 | 7947 7924 | 6Ω42 6Ω18 | 11 m 39 | 17 ≗ 24 17 ≗ 29 | 13 II 45 13 II 32 | 8543 | 7Ω46 7Ω22 | 12 m 52 | 18 <u>0</u> 33 | 14 II 39 14 II 27 | 9 s 40 9 s 17 | 8 N 51 | 14 m 04 | 19 ≗ 41 19 ≗ 47 |
| 18S | 12 Д 38 | 79924 | 5 N 53 | 11 mp 31 11 mp 22 | 17 <u>12</u> 29 17 <u>12</u> 33 | 13 II 32 13 II 20 | 8 ඉ 20 7 ඉ 57 | 6 N 58 | 12 m, 43 12 m, 35 | 18 ♀ 38 | 14 II 27 14 II 14 | 8953 | 8 ຄ ຄ 2 7 8 ຄ ຄ 0 3 | 13 m ₂ 57 13 m ₂ 49 | 19 <u>14</u> 7 |
| 20S | 12 Д 12 | 6937 | 5 0 28 | 11 mg 12 | 17 - 33 | 13 Д 20 | 7 9 33 | 6£33 | 12 m/ 26 | 18 2 48 | 14П02 | 8929 | 7 \Omega 39 | 13 mg 41 | 19 - 57 |
| 21S | 12 Д 12 | 6 © 13 | 5 N 03 | 11 mg 03 | 17 ≗ 38 | 12 II 54 | 7909 | 6£08 | 12 mg 17 | 18 <u>2</u> 53 | 13 Д 49 | 8905 | 7 0 14 | 13 mg 32 | 20 △ 03 |
| 22S | 11 Д 47 | 5গু48 | 4 Ω 36 | 10 m/53 | 17 ≏ 48 | 12П41 | 6୭44 | 5Ω42 | 12 mj 08 | 18≏58 | 13Д36 | 7গু41 | 6Ω48 | 13 m/24 | 20 ₾ 08 |
| 238 | 11 Д 34 | 5©23 4©58 | 4Ω09 3 O 42 | 10 m 43 | 17 ≏ 53 | 12 II 28 | 6919 | 5Ω15 | 11 m 59 | 19 🕰 03 | 13 Д 22 | 7516 | 6Ω21 | 13 m 15 | 20 <u>0</u> 14 |
| 24S | 11 Д20 | | 3 N 42 | 10 mg 32 | 17 △ 58 | 12 11 15 | 5954 | 4Ω48 | 11 m, 49 | 19 ₾ 09 | 13 11 09 | 6950 | 5 N 54 | 13 m, 06 | 20 ₾ 20 |
| 25S 26S | 11 П 07 10 П 54 | 4932 4906 | 3Ω13 2Ω44 | 10 mg 22 10 mg 10 | 18 ≏ 03 | 12 II 01 11 II 48 | 5 ඉ 28 5 ඉ 02 | 4Ω20 3Ω51 | 11 m ₂ 39 | 19 ♀ 15 | 12 II 56 12 II 42 | 6 © 25 | 5Ω26 4Ω58 | 12 m ₂ 56 12 m ₂ 47 | 20 <u>0</u> 26 20 <u>0</u> 32 |
| 27S | 10 II 34 10 II 40 | 3940 | 2 <i>8</i> 14 | 9 m ₂ 59 | 18 - 15 | 11 Д 48 | 4936 | 3 N 21 | 11 mg 28 | 19≗26 | 12 Д 42 | 5932 | 4 <i>8</i> 238 | 12 mg 36 | 20 € 38 |
| 28S | 10П26 | 3913 | 1 N 43 | 9 m 47 | 18 ≏ 20 | 11 Д20 | 4গু08 | 2£350 | 11 m/06 | 19ჲ33 | 12П14 | 5905 | 3 N 58 | 12 m/26 | 20 △ 45 |
| 29S | 10 Д 12 | 2945 | 1 & 12 | 9 mg 34 | 18≏26 | 11П06 | 3941 | 2 N 19 | 10 m, 54 | 19ჲ39 | 11 Д 59 | 4937 | 3 A 26 | 12 mg 15 | 20≗51 |
| 30S | 9П57 | 2517 | 0⋒39 | 9 m 21 | 18 ≏ 32 | 10П51 | 3512 | 1Ω46 | 10 m 42 | 19 ₾ 45 | 11 Д 45 | 4508 | 2⋒54 | 12 mg 04 | 20 ₾ 58 |
| 31S 32S | 9П43 9П28 | 1 5 4 8 1 5 1 9 | 0ഹ05 29ഇ30 | 9 mp 08 8 mp 54 | 18 ♀ 39 18 ♀ 45 | 10 II 36 10 II 21 | 2944 2914 | 1 ນ 12 0 ນ 38 | 10 mg 30 10 mg 16 | 19 🖴 52 | 11 II 30 11 II 15 | 3 5 3 9 3 5 1 0 | 2Ω21 1Ω46 | 11 m ₂ 52 11 m ₂ 39 | 21 a 05 21 a 13 |
| 33S | 9П28 | 0948 | 28954 | 8 mg 39 | 18 ≗ 43 | 10 Д 21 | 19944 | 0 £ 0 3 8 | 10 mg 10 | 20 ₾ 06 | 10 Д 59 | 2539 | 1 Ω 10 | 11 mg 26 | 21 <u>2</u> 13 |
| 34S | 8П57 | 0ഇ18 | 28 ഉ 16 | 8 m 24 | 18≏59 | 9П50 | 1©13 | 29ഇ24 | 9 m, 48 | 20 ₾ 14 | 10П44 | 2508 | 0ຄ33 | 11 m, 13 | 21 ≏ 28 |
| 35S | 8П41 | 29П46 | 27ഇ38 | 8 mp 08 | 19ჲ06 | 9П34 | 0ഇ41 | 28946 | 9 m ₂ 33 | 20 ₾ 21 | 10П28 | 1937 | 29ഇ55 | 10 m, 59 | 21 ≏ 36 |
| 36S | 8П25 | 29П14 | 26957 | 7 m 51 | 19 2 14 | 9П18 | 0909 | 28506 | 9 m, 17 | 20 ₾ 29 | 10П11 | 1994 | 29\$15 | 10 mg 44 | 21 △ 44 |
| 37S 38S | 8П08 7П52 | 28 II 41 28 II 07 | 26916 | 7 m 33 | 19 ≗ 21 19 ≗ 30 | 9П01 8П44 | 29 II 36 | 27©24 26©41 | 9 mg 00 8 mg 43 | 20 <u>2</u> 37 | 9П54 9П37 | 0 9 31 | 28©33 27©50 | 10 m/28 | 21 □ 53 22 □ 02 |
| 39S | 7 II 32 7 II 34 | 27 II 32 | 24947 | 6 mg 54 | 19≗30 | 8П27 | 28 II 26 | 25@56 | 8 mg 24 | 20≗40 | 9П20 | 29 Д 21 | 27©30 27©05 | 9 mg 54 | 22 <u>a</u> 12 |
| 40S | 7 I 17 | 26П56 | 24500 | 6 m 34 | 19 ≙ 47 | 8П09 | 27II 50 | 25©09 | 8 m ₂ 04 | 21 ≏ 04 | 9п02 | 28 II 45 | 26©18 | 9 m ₂ 36 | 22 ₾ 22 |
| 41S | 6Ц58 | 26 II 19 | 23911 | 6 mg 11 | 19 2 56 | 7П51 | 27 II 13 | 24920 | 7 m ₂ 43 | 21 <u>□</u> 14 | 8II43 | 28 II 07 | 25@29 | 9 mg 16 | 22 <u>~</u> 32 |
| 42S | 6П40 | 25П41 | 22©20 | 5 m/48 | 20 △ 06 | 7П32 | 26П35 | 23@29 | 7 m/21 | 21 | 8П24 | 27П29 | 24938 | 8 m, 55 | 22 △ 43 |
| 43S | 6П21 | 25 II 02 | 21527 | 5 m 23 | 20 2 16 | 7II 13 | 25 II 55 | 22535 | 6 m 57 | 21 2 35 | 8II 05 | 26 11 49 | 235544 | 8 m 33 | 22 <u>a</u> 54 |
| 44S | 6 П 01 | 24 11 22 | 20931 | 4 m 56 | 20 ≏ 26 | 6II53 | 25 II 15 | 21539 | 6 m 32 | 21 2 46 | 7 II 45 | 26 II 08 | 22548 | 8 m, 09 | 23 ₾ 06 |
| 45S 46S | 5П41 5П20 | 23 II 40 22 II 57 | 19 © 32 18 © 31 | 4 m/ 27 3 m/ 57 | 20 ≘ 38 20 ≘ 49 | 6П33 6П12 | 24 II 33 23 II 50 | 20©40 19©39 | 6 mg 05 5 mg 36 | 21 <u>a</u> 58 | 7П24 7П03 | 25 II 26 24 II 42 | 215649 205648 | 7 mg 44 7 mg 16 | 23 <u>a</u> 18 |
| 47S | 4П59 | 22 II 37 | 17526 | 3 m/ 23 | 21 2 02 | 5 II 50 | 23 II 05 | 18534 | 5 m, 05 | 22 2 24 | 6П41 | 23 Д 57 | 19543 | 6 mg 47 | 23 △ 45 |
| 48S | 4П36 | 21 Д27 | 16©18 | 2 m 48 | 21 | 5П28 | 22 Д 18 | 17526 | 4 m 31 | 22 ₾ 38 | 6П19 | 23 Д 10 | 18534 | 6 m 15 | 24 ₾ 00 |
| 49S | 4П13 | 20П39 | 15©07 | 2 m, 09 | 21 ≏ 29 | 5П04 | 21 Д 30 | 16514 | 3 m, 54 | 22 2 52 | 5П55 | 22 11 22 | 17522 | 5 m, 40 | 24 2 15 |
| 50S | 3 II 50 | 19П50 | 13952 | 1 m/26 | 21 <u>0</u> 44 | 4H41 | 20 II 41 | 14959 | 3 m 14 | 23 ₾ 08 | 5Д31 | 21 Д32 | 16506 | 5 m 02 | 24 <u>a</u> 32 |
| 51S 52S | 3П25 3П00 | 18II 59 18II 06 | 12 © 33 | 0 m 40 29 Ω 50 | 21 ⊆ 59 22 ⊆ 16 | 4II 16 3II 50 | 19П49 18П55 | 13©39 12©15 | 2 m, 30 1 m, 42 | 23 <u>a</u> 25 | 5 II 06 4 II 40 | 20 II 40 19 II 45 | 14946 13921 | 4 m/21 3 m/35 | 24 ♀ 50 25 ♀ 08 |
| 53S | 2Д34 | 17 I I1 | 99642 | 28£50 | 22 ≗ 10 | 3 Д 23 | 18耳00 | 10946 | 0 mg 48 | 24 <u>0</u> 2 | 4 II 14 4 II 14 | 18 II 49 | 11951 | 2 m/ 45 | 25 ± 08 |
| 54S | 2П06 | 16 I I13 | 8গু09 | 27Ω52 | 22 ⊆ 54 | 2П56 | 17П02 | 9ഇ11 | 29 û 49 | 24 ₾ 22 | 3П46 | 17 I I50 | 10ഇ15 | 1 m/49 | 25 ≏ 50 |
| 55S | 1 Д 38 | 15 🗆 14 | 6930 | 26⋒42 | 23 ₾ 15 | 2П27 | 16П01 | 7ള32 | 28 ຄ 43 | 24 ₾ 45 | 3п16 | 16П49 | 8934 | 0 m, 46 | 26 □ 13 |
| 56S | 1 II 08 | 14II 12 | 4946 | 25 Ω 25 | 23 <u>0</u> 38 | 1 11 57 | 14II 59 | 5946 | 27.029 | 25 ₾ 09 | 2П46 | 15 II 46 | 6947 | 29 235 | 26 - 39 |
| 57S 58S | 0Д37 0Д05 | 13 II 07 12 II 00 | 2 <u>9</u> 56 0 <u>9</u> 59 | 23 Ω 57 22 Ω 18 | 24 <u>a</u> 02 24 <u>a</u> 29 | 1 II 26 0 II 53 | 13 II 53 12 II 45 | 3©54 1©55 | 26 N 04 24 N 28 | 25 a 35 26 a 03 | 2П14 1П41 | 14 II 40 13 II 30 | 4954 2953 | 28 N 14 26 N 43 | 27 ♀ 06 27 ♀ 36 |
| 59S | 29 8 31 | 12 Д 00 | 28 II 55 | 223618 20Ω24 | 24 <u>a</u> 29 | 0Д33 | 12 II 43 11 II 33 | 1933 29 Π49 | 248128 22£38 | 26 € 34 | 1五41 | 13 Д 30 | 2933 0945 | 24 N 56 | 28 2 09 |
| 60S | 28855 | 9П36 | 26П44 | 18Ω12 | 25 | 29843 | 10 I I19 | 27П36 | 20 \alpha 30 | 27 2 09 | 0Д31 | 11 п 02 | 28П29 | 22 Ω 53 | 28 2 45 |
| 61S | 28818 | 8П19 | 24 11 26 | 15Ω38 | 26 - 08 | 29805 | 9П01 | 25 II 15 | 18£000 | 27≗47 | 29853 | 9П43 | 26 II 05 | 20 N 27 | 29 2 24 |
| 62S | 27839 | 6Ц58 | 22 11 00 | 12.038 | 26 △ 48 | 28826 | 7П39 | 22 11 46 | 15 № 03 | 28 ₾ 29 | 29813 | 8п20 | 23 Д 32 | 17 A 34 | 0m.09 |
| 63S | 26 8 58 26 8 15 | 5 II 34 4 II 06 | 19 II 25 16 II 43 | 9Ω04 4Ω48 | 27 ≗ 33 28 ≗ 24 | 27844 | 6Π14 | 20Π08 17Π22 | 11Ω30 7Ω14 | 29 <u>a</u> 16 | 28 8 30 27 8 46 | 6П54 5П23 | 20 II 51 18 II 01 | 14 \(\O \) 050 | 0m.58 |
| 64S | | | | | | 27800 | 4Π44 2π11 | 17Π22 | 7Ω14 | 0 m. 10 | l . | | | 9 N 50 | 1 m.54 |
| 65S 66S | 25 8 29 24 8 41 | 2П34 0П57 | 13 II 53 10 II 54 | 29©40 23©29 | 29 ≗ 22 0 m⋅29 | 26 8 14 25 8 25 | 3 II 11 1 II 33 | 14 II 28 11 II 25 | 2£03 25\$42 | 1 m 11 2 m 20 | 26 8 59 26 8 10 | 3 II 48 2 II 08 | 15 II 03 11 II 56 | 4Ω36 28໑07 | 2m57 4m10 |
| pc | 24813 | 0H37 | 9П11 | 19530 | 1 m 11 | 24856 | 0Д35 | 9П39 | 21934 | 3 m. 04 | 25840 | 1 II 10 | 10Д07 | 23950 | 4m.55 |
| | | | | | | | | olar circl | | | | | | | |

| | Sid.Tir MC: | | 2m AR 326'23 | MC: 48 | °00' | Sid.Tir MC: | | 6m AR 25'33 | MC: 49 | 9°00' | Sid.Tir MC: | ne: 3h20 228 | 0m AR 324'32 | RMC: 50 |)°00' |
|------------|----------------------------------|----------------------|----------------------|--|----------------------------------|----------------------|--------------------------------|--------------------------------|--|----------------------------------|----------------------------------|----------------------|----------------------|-----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 18Д57 | 16935 | 15 Q 32 | 16 m, 57 | 19ჲ30 | 19П53 | 17931 | 16£32 | 18 m, 02 | 20 ₾ 34 | 20П48 | 18927 | 17£33 | 19 mg 07 | 21 ₾ 38 |
| 1S | 18耳46 | 16915 | 15Ω14 | 16 m 52 | 19≗34 | 19П41 | 179512 | 16 Q 15 | 17 m, 57 | 20 ₾ 38 | 20П36 | 18508 | 17£16 | 19 mg 03 | 21 △ 43 |
| 2S | 18耳34 | 15@55 | 14256 | 16 m 47 | 19 ₾ 38 | 19П29 | 16952 | 15 Ω 57 | 17 m 52 | 20 <u>△</u> 43 | 20П25 | 17548 | 16€59 | 18 m 58 | 21 <u>△</u> 47 |
| 3S 4S | 18П22 18П10 | 15@35 15@15 | 14Ω38 14Ω20 | 16 mp 41 16 mp 36 | 19 ≗ 43 19 ≗ 47 | 19II17 19II06 | 16931 16911 | 15 Ω 40 15 Ω 22 | 17 mp 48 17 mp 43 | 20 a 47 20 a 52 | 20 II 13 20 II 01 | 17528 17508 | 16Ω41 16Ω24 | 18 mp 54 18 mp 49 | 21 □ 52 21 □ 57 |
| - 1 | | | | | | | | | | | | | | | |
| 5S 6S | 17 П 59 17 П 47 | 14©55 14©34 | 14Ω02 13Ω43 | 16 mp 31 16 mp 25 | 19 ≏ 52 19 ≏ 56 | 18 II 54 18 II 42 | 15@51 15@30 | 15Ω04 14Ω45 | 17 m ₂ 38 17 m ₂ 33 | 20 a 57 21 a 02 | 19П49 19П37 | 16©47 16©27 | 16Ω06 15Ω48 | 18 mg 45 18 mg 40 | 22 <u>a</u> 02 |
| 7S | 17 Д 35 | 14934 | 13 N 24 | 16 mg 20 | 20 ₾ 01 | 18 II 30 | 15930 | 14 27 | 17 mg 28 | 21 <u>□</u> 06 | 19 Д 25 | 16906 | 15 Ω 29 | 18 mp 36 | 22 € 12 |
| 8S | 17П23 | 13553 | 13 A 05 | 16 m/14 | 20 ₾ 05 | 18 I I18 | 145649 | 14£08 | 17 m 22 | 21 2 11 | 19П13 | 15946 | 15Ω11 | 18 mp 31 | 22 ⊆ 17 |
| 9S | 17П11 | 13532 | 12 Q 45 | 16 mg 08 | 20 ≏ 10 | 18 I I07 | 14528 | 13 ₪ 48 | 17 m, 17 | 21 ≏ 16 | 19П02 | 15©25 | 14£052 | 18 m/26 | 22 ₾ 22 |
| 10S | 17 I I00 | 13511 | 12£25 | 16 mg 02 | 20 ≏ 15 | 17П55 | 14907 | 13 Q 29 | 17 mg 12 | 21 ≏ 21 | 18П50 | 15©04 | 14⋒32 | 18 m/21 | 22 ≏ 27 |
| 118 | 16耳48 | 12549 | 12005 | 15 m 56 | 20 ₾ 19 | 17 Д 43 | 13546 | 13 2 0 40 | 17 m 06 | 21 <u>□</u> 26 | 18 Д 37 | 14543 | 14Ω13 | 18 mp 16 | 22 € 33 |
| 12S 13S | 16Д35 16Д23 | 12©28 12©06 | 11Ω45 11Ω24 | 15 mp 50 15 mp 44 | 20 <u>a</u> 24 20 <u>a</u> 29 | 17II30 17II18 | 13©24 13©03 | 12 Ω 49 12 Ω 28 | 17 m ₂ 00 16 m ₂ 55 | 21 <u>□</u> 31 21 <u>□</u> 37 | 18 I 25 18 I 13 | 14©21 13©59 | 13 Ω 53 13 Ω 32 | 18 mg 11 18 mg 06 | 22 <u>0</u> 38 |
| 14S | 16 II 11 | 119344 | 11 & C 24 | 15 mg 37 | 20 € 34 | 17Д18 | 12941 | 12807 | 16 mg 49 | 21 = 37 | 18耳01 | 13937 | 13 N 12 | 18 mg 00 | 22 - 49 |
| 15S | 15 II 59 | 11@22 | 10Ω41 | 15 m ₂ 31 | 20 ₾ 39 | 16П54 | 12@18 | 11 Ω45 | 16 m 43 | 21 △ 47 | 17П49 | 13515 | 12Ω50 | 17 m ₂ 55 | 22 ₽ 55 |
| 16S | 15 II 47 | 10959 | 102141 | 15 m/ 24 | 20 € 45 | 16 II 41 | 11956 | 11 a 23 | 16 mg 36 | 21 <u>a</u> 53 | 17Д49 | 12553 | 12 Ω 29 | 17 mg 49 | 23 € 00 |
| 17S | 15 Д 34 | 10ഇ36 | 9ຄ56 | 15 mg 17 | 20 - 50 | 16П29 | 11533 | 11Ω01 | 16 mg 30 | 21 ≏ 58 | 17П24 | 12530 | 12Ω07 | 17 m 43 | 23 ₾ 06 |
| 18S | 15 Д 22 | 10513 | 9⋒33 | 15 m 10 | 20 - 55 | 161116 | 11510 | 10 ຄ38 | 16 m 23 | 22 ₾ 04 | 17П11 | 12507 | 11Ω44 | 17 m 37 | 23 ₾ 12 |
| 19S | 15П09 | 9950 | 9⋒09 | 15 m, 03 | 21 ₾ 01 | 16П03 | 10ණ47 | 10Ω15 | 16 m, 17 | 22 ₾ 10 | 16П58 | 115644 | 11 Q 21 | 17 mp 31 | 23 ₾ 18 |
| 20S | 14II 56 | 9526 | 8 A 45 | 14 m 55 | 21 <u>0</u> 06 | 15 II 51 | 10523 | 9251 | 16 m 10 | 22 ₾ 16 | 16П45 | 11520 | 10 0 57 | 17 m 25 | 23 € 24 |
| 21S 22S | 14 Д 43 14 Д 30 | 9©02 8©37 | 8Ω20 7Ω54 | 14 mp 47 14 mp 39 | 21 <u>□</u> 12 21 <u>□</u> 18 | 15 II 38 15 II 24 | 9©59 9©34 | 9 ຄ 26 9 ຄ 01 | 16 m, 03 15 m, 55 | 22 <u>a</u> 22 | 16Д32 16Д19 | 10©56 10©31 | 10Ω33 10Ω08 | 17 mp 18 17 mp 12 | 23 <u>₽</u> 31 23 <u>₽</u> 37 |
| 23S | 14 II 30 | 8937 8912 | 7 N 28 | 14 mg 31 | 21 <u>2</u> 18 | 15 II 11 | 9909 | 8£35 | 15 mg 48 | 22 <u>0</u> 34 | 16Д19 | 10931 | 9Ω43 | 17 mg 12 | 23 <u>a</u> 37 |
| 24S | 14 I I03 | 79647 | 7 . 001 | 14 m 23 | 21 ₾ 30 | 14П58 | 8গু44 | 8 A 08 | 15 m/40 | 22 ₾ 40 | 15 Д 52 | 9541 | 9Ω16 | 16 m 58 | 23 ₾ 51 |
| 25S | 13 Д 50 | 7 ඉ 21 | 6 Ω 34 | 14 mp 14 | 21 ≏ 36 | 14П44 | 8918 | 7 Ω 41 | 15 m _p 32 | 22 <u>₽</u> 47 | 15Д38 | 9915 | 8 Ω 49 | 16 m 50 | 23 ₾ 57 |
| 26S | 13 Д 36 | 6955 | 6£05 | 14 m 05 | 21 △ 43 | 14 I I30 | 7952 | 7 a 13 | 15 m/24 | 22 ⊆ 54 | 15П24 | 8549 | 8 £ 21 | 16 m/42 | 24 2 05 |
| 27S | 13 Д 22 | 6928 | 5 N 3 6 | 13 m 56 | 21 2 50 | 141116 | 7925 | 6Ω44 | 15 m, 15 | 23 ₾ 01 | 15 Д 10 | 8522 | 7£53 | 16 m 35 | 24 ₾ 12 |
| 28S 29S | 13 Д 08 12 Д 53 | 6 9 01 | 5 N 06 4 N 35 | 13 mg 46 13 mg 36 | 21 <u>□</u> 56 22 <u>□</u> 03 | 14 II 02 13 II 47 | 6 ඉ 58 6 ඉ 30 | 6Ω14 5Ω43 | 15 mg 06 14 mg 57 | 23 <u>a</u> 08 23 <u>a</u> 15 | 14 II 56 14 II 41 | 7554 7526 | 7 N 23 6 N 53 | 16 mg 26 16 mg 18 | 24 <u>0</u> 19 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 12 П 39 12 П 24 | 5©05 4©36 | 4Ω02 3Ω29 | 13 m ₂ 25 13 m ₂ 14 | 22 <u>₽</u> 11 | 13 II 32 13 II 17 | 6 9 01 | 5Ω11 4Ω38 | 14 m ₂ 47 14 m ₂ 37 | 23 <u>□</u> 23 | 14 II 26 14 II 11 | 6958 6929 | 6Ω21 5Ω48 | 16 mp 09 16 mp 00 | 24 <u>0</u> 35 |
| 32S | 12 Д 24 | 4906 | 2255 | 13 mg 03 | 22 € 26 | 13 II 02 | 5902 | 4Ω04 | 14 m/ 26 | 23 ⋅ 39 | 13 Д 56 | 5959 | 5Ω14 | 15 mp 50 | 24 <u>0</u> 52 |
| 33S | 11Д53 | 3535 | 2£19 | 12 m 50 | 22 △ 34 | 12П46 | 4532 | 3 № 29 | 14 m 15 | 23 △ 47 | 13 Д 40 | 5928 | 4£39 | 15 m/40 | 25 ≙ 00 |
| 34S | 11 Д 37 | 3904 | 1 € 42 | 12 mg 38 | 22 <u>₽</u> 42 | 12 Д 30 | 4900 | 2 N 52 | 14 mg 03 | 23 ₾ 56 | 13 Д 24 | 4957 | 4Ω03 | 15 mg 29 | 25 ₾ 09 |
| 35S | 11Д21 | 2932 | 1 ₪ 04 | 12 mg 25 | 22 🕰 51 | 12 Д 14 | 3ഇ28 | 2 a 14 | 13 m/51 | 24 ₾ 05 | 13 Д 08 | 4গু25 | 3 № 25 | 15 mp 18 | 25 ₾ 19 |
| 36S | 11 11 04 | 2500 | 0Ω24 | 12 m 11 | 22 <u>a</u> 59 23 <u>a</u> 09 | 11 Д 58 | 2955 | 1 2 3 5 | 13 m 38 | 24 ₾ 14 | 12 Д 51 | 3552 | 2046 | 15 m 06 | 25 € 28 |
| 37S 38S | 10 Д48 10 Д30 | 1 ණ 26 0 ණ 5 1 | 29©43 29©00 | 11 m/56 11 m/41 | 23 <u>≈</u> 18 | 11 Π 41 | 2©22 1©47 | 0Ω54 0Ω11 | 13 m ₂ 25 | 24 \omega 24 | 12 Д 34 12 Д 16 | 3 5 1 8 2 5 4 3 | 2Ω05 1Ω22 | 14 mp 54 14 mp 41 | 25 ≘ 38 25 ≘ 49 |
| 39S | 10 Д 13 | 0916 | 28915 | 11 mg 25 | 23 <u>□</u> 28 | 11 II 05 | 1911 | 29\$26 | 12 m/ 56 | 24 △ 44 | 11 Д 58 | 2507 | 0ຄ38 | 14 m/ 27 | 26 ₾ 00 |
| 40S | 9П54 | 29П39 | 27528 | 11 m 07 | 23 ₾ 38 | 10П47 | 0ഇ35 | 28539 | 12 mg 40 | 24 ♀ 55 | 11 Д 40 | 1930 | 29\$51 | 14 mp 13 | 26≗11 |
| 41S | 9Д36 | 29П02 | 26939 | 10 mg 49 | 23 <u>₽</u> 49 | 10П28 | 29П57 | 27951 | 12 m 23 | 25 ₾ 06 | 11 Д21 | 0952 | 29ഇ03 | 13 m 57 | 26 2 23 |
| 42S | 9п17 | 28П23 | 25ഇ48 | 10 mg 30 | 24≗01 | 10П09 | 29П18 | 26©59 | 12 mg 05 | 25 ₾ 18 | 11 Д 02 | 0ഇ13 | 28912 | 13 mp 41 | 26≗35 |
| 43S | 8П57 | 27 11 43 | 24955 | 10 m, 09 | 24 ₾ 12 | 9П49 | 28 II 38 | 26506 | 11 m 46 | 25 ₾ 31 | 10П42 | 29 Д 32 | 275518 | 13 m 23 | 26 € 48 |
| 44S | 8Д37 | 27 11 02 | 23@59 | 9 mg 47 | 24 | 9П29 | 271156 | 25@10 | 11 m, 25 | 25 ₾ 44 | 10Д21 | 28 11 50 | 26922 | 13 mg 04 | 27 2 02 |
| 45S 46S | 8П16 7П55 | 26 II 19 25 II 35 | 23©00 21©58 | 9 m/23 8 m/58 | 24 <u>⊕</u> 38 24 <u>⊕</u> 52 | 9П08 8П47 | 27 II 13 26 II 29 | 24©11 23©09 | 11 mg 03 10 mg 40 | 25 a 57 26 a 12 | 10Д00 9Д38 | 28 II 07 27 II 23 | 25©23 24©21 | 12 mg 44 12 mg 22 | 27 ♀ 16 27 ♀ 31 |
| 40S 47S | 7 Д 33 | 24 II 50 | 20952 | 8 mg 30 | 25 2 06 | 8П24 | 25 II 43 | 22903 | 10 mg 14 | 26 <u>≈</u> 12 | 9Д38 | 26 Д 36 | 23915 | 12 mg 22 | 27 <u>a</u> 31 |
| 48S | 7 I 10 | 24II 03 | 19544 | 8 mg 00 | 25 ≏ 22 | 8 I I01 | 24II55 | 20ഇ54 | 9 mg 46 | 26 ≙ 43 | 8П53 | 25 Д 48 | 22506 | 11 m 33 | 28 ≏ 04 |
| 49S | 6Ц47 | 23 П 14 | 18931 | 7 m, 28 | 25 ≏ 38 | 7П38 | 24П06 | 19941 | 9 mg 16 | 27≗00 | 8П29 | 24П59 | 20ഇ53 | 11 mg 06 | 28 ₾ 22 |
| 50S | 6П22 | 22П23 | 17©15 | 6 m/52 | 25 ≏ 55 | 7П13 | 23 П 15 | 18©24 | 8 m/43 | 27 ≏ 18 | 8П04 | 24П07 | 19ള35 | 10 mp 35 | 28≏41 |
| 51S | 5 II 57 | 21 11 30 | 15@54 | 6 m 13 | 26 ₾ 14 | 6H48 | 22 Д 22 | 17503 | 8 mg 07 | 27 △ 37 | 7Д38 | 23 II 13 | 18513 | 10 mg 02 | 29 ₾ 01 |
| 52S 53S | 5Д31 5Д04 | 20 II 36 19 II 39 | 14©28 12©57 | 5 m/ 30 4 m/ 43 | 26 ♀ 33 | 6П21 5П54 | 21 II 26 20 II 29 | 15ള36 14ള04 | 7 m, 27 6 m, 43 | 27 <u>□</u> 58 28 <u>□</u> 20 | 7П12 6П44 | 22 II 17 21 II 19 | 16©46 15©13 | 9 mg 25 8 mg 44 | 29 <u>a</u> 22 |
| 54S | 4 П 35 | 18П39 | 11521 | 3 m/ 50 | 27 ≗ 17 | 5 II 25 | 19П29 | 12527 | 5 m 53 | 28 2 44 | 6П15 | 20 Д 19 | 13@35 | 7 m/ 58 | 0m.10 |
| 55S | 4П06 | 17П38 | 9ഇ38 | 2 m ₂ 51 | 27 ≙ 42 | 4II56 | 18П26 | 10ഇ43 | 4 m ₂ 58 | 29 ₾ 09 | 5П45 | 19П15 | 11950 | 7 m ₂ 07 | 0m.36 |
| 56S | 3 Д 35 | 16П33 | 7 ඉ 50 | 1 mg 44 | 28 - 08 | 4II25 | 17II21 | 8953 | 3 m ₂ 55 | 29 ₾ 37 | 5П14 | 18П09 | 9958 | 6 mg 09 | 1 m 05 |
| 57S | 3 Д 03 | 15П26 | 5954 | 0 m/ 27 | 28 ₾ 37 | 3 Д 52 | 16П13 | 6956 | 2 m/43 | 0m07 | 4П41 | 17Д00 | 7959 | 5 m 02 | 1 m. 36 |
| 58S | 2Д30 | 14 11 16 | 3952 | 292000 | 29 ₾ 08 | 3П19 | 15 II 02 | 4951 | 1 m 21 | 0m.39 | 4Д07 | 15 Д 48 | 5953 | 3 m/45 | 2m09 |
| 59S | 1П55 | 13 11 03 | 19941 | 27.0.19 | 29 ♣ 42 | 2 11 43 | 13 11 48 | 2539 | 29 \Quad 45 | 1 m. 15 | 3Д31 | 14 🏻 33 | 3938 | 2 m 15 | 2m.46 |
| 60S 61S | 1П18 0П40 | 11 II 46 10 II 26 | 29 II 23 26 II 56 | 25 Ω 20 23 Ω 00 | 0 m. 20 1 m. 01 | 2 II 06 1 II 27 | 12 II 30 11 II 09 | 0©18 27∏48 | 27Ω52 25Ω38 | 1 m.54 2 m.37 | 2Д54 2Д15 | 13 II 14 11 II 52 | 1©14 28∏40 | 0 m/29 28 Ω23 | 3 m. 27 4 m. 11 |
| 62S | 29 8 59 | 9П02 | 26 II 36 24 II 20 | 23 £ 00 20 £ 12 | 1 m. 47 | 0П46 | 9П43 | 27 II 48 25 II 08 | 238138 22£156 | 3 m 24 | 1 Д 33 | 11 Д 32 | 28 II 40 25 II 58 | 28 <i>l</i> 23 25 Ω48 | 5 m 01 |
| 63S | 29817 | 7П34 | 21 Д 35 | 16Ω47 | 2m39 | 0П03 | 8п14 | 22 П 20 | 19£38 | 4m.18 | 0П49 | 8 Д 54 | 23 Д 05 | 22 \Omega 38 | 5m.56 |
| 64S | 28832 | 6П01 | 18 I I41 | 12£35 | 3 m 37 | 29818 | 6 I I40 | 19П22 | 15⋒31 | 5 m 18 | 0п03 | 7п19 | 20П03 | 18⋒38 | 6m.58 |
| 65S | 27844 | 4П25 | 15Д38 | 7ຄ21 | 4 m. 42 | 28829 | 5П02 | 16 I I14 | 10 Q 18 | 6m26 | 29815 | 5Д39 | 16Ц50 | 13 ⋒30 | 8m.08 |
| 66S | 26854 | 2П43 | 12 Д 27 | 0Ω45 | 5 m 57 | 27838 | 3П19 | 12 Д 58 | 3 2 3 7 | 7m.43 | 28823 | 3 Д 55 | 13 Д 29 | 6Ω46 | 9m27 |
| pc | 26824 | 1П44 | 10耳35 | 26519 | 6m44 | 27809 | 2П19 | 11П03 | 29504 | 8m.32 | 27853 | 2П54 | 11 Д 32 | 2⋒06 | 10m.17 |

| | Sid.Tir MC: | | 4m AR 323'21 | MC: 51 | °00' | Sid.Tir MC: | | 8m AR 21'59 | MC: 52 | 2°00' | Sid.Tir MC: | ne: 3h32 258 | 2m AR 320'28 | CMC: 53 | 3°00' |
|------------|------------------------------------|----------------------|----------------------|--|----------------------------------|----------------------|----------------------|----------------------|--------------------------------|----------------------------------|----------------------|----------------------|----------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 21 Д43 | 19©24 | 18£34 | 20 mg 12 | 22 <u> </u> | 22 Ц 39 | 20ഇ20 | 19 a 35 | 21 m, 17 | 23 <u>≈</u> 46 | 23 Д 34 | 21516 | 20Ω36 | 22 m/22 | 24 ₾ 49 |
| 1S | 21 II 32 21 II 20 | 19©04 18©44 | 18 0 17 | 20 mp 08 20 mp 04 | 22 △ 47 22 △ 52 | 22 II 27 22 II 15 | 20©00 19©40 | 19Ω18 19Ω02 | 21 mg 14 21 mg 10 | 23 <u>a</u> 51 23 <u>a</u> 56 | 23 II 22 23 II 10 | 20@57 20@37 | 20Ω20 20Ω03 | 22 mg 19 22 mg 16 | 24 ♀ 55 25 ♀ 00 |
| 2S 3S | 21 II 20 21 II 08 | 18924 | 18Ω00 17Ω43 | 20 mg 04 20 mg 00 | 22 <u>a</u> 52 | 22 II 13 22 II 03 | 199940 | 193102 18Ω45 | 21 mg 10 21 mg 07 | 23±36 24±01 | 23 II 10 22 II 58 | 20937 | 203103 19Ω47 | 22 mg 13 | 25 <u>2</u> 00 |
| 4S | 20II 56 | 18504 | 17Ω26 | 19 mg 56 | 23 ₾ 02 | 21 II 51 | 19501 | 18 A 28 | 21 mg 03 | 24 ₾ 07 | 22 II 46 | 19557 | 19 230 | 22 mg 10 | 25 ₾ 11 |
| 5S | 20П44 | 179344 | 17Ω08 | 19 m 52 | 23 ♀ 07 | 21 П 39 | 18941 | 18 Ω 11 | 20 m 59 | 24 ₾ 12 | 22 Д 34 | 19537 | 19Ω13 | 22 m ₂ 07 | 25 2 17 |
| 6S | 20П32 | 17524 | 16⋒50 | 19 m 48 | 23 | 21 Д27 | 18520 | 17£53 | 20 m 56 | 24 🕰 17 | 22П23 | 19517 | 18⋒56 | 22 m 03 | 25 |
| 7S | 20П20 | 17503 | 16Ω32 | 19 mg 44 | 23 ≏ 18 | 21 Д 16 | 18500 | 17Ω35 | 20 m, 52 | 24 ₾ 23 | 22 Д 11 | 18957 | 18£39 | 22 m, 00 | 25 |
| 8S 9S | 20П09 19П57 | 16943 16922 | 16Ω14 15Ω55 | 19 m ₂ 39 19 m ₂ 35 | 23 <u>⊕</u> 23 | 21 II 04 20 II 52 | 17539 17519 | 17Ω17 16Ω59 | 20 mg 48 20 mg 44 | 24 <u>a</u> 28 | 21 II 59 21 II 47 | 18 5 36 | 18Ω21 18Ω03 | 21 m 57 | 25 <u>a</u> 34 |
| | | | | | | | | | | | | | | 21 m 53 | |
| 10S 11S | 19П45 19П32 | 16©01 15©40 | 15Ω36 15Ω17 | 19 mp 31 19 mp 26 | 23 <u>a</u> 34 23 <u>a</u> 39 | 20 II 39 20 II 27 | 16©58 16©37 | 16Ω40 16Ω21 | 20 mg 40 20 mg 36 | 24 <u>a</u> 40 | 21 II 34 21 II 22 | 17955 17934 | 17Ω45 17Ω26 | 21 m/50 21 m/46 | 25 ♀ 45 25 ♀ 51 |
| 12S | 19 Д 20 | 15918 | 14 \$\alpha 57\$ | 19 mg 21 | 23 <u>□</u> 45 | 20 II 15 | 16937 | 16202 | 20 mg 32 | 24 <u>2</u> 51 | 21 II 10 | 17934 | 17 Ω 07 | 21 mg 43 | 25 € 58 |
| 13S | 19П08 | 14956 | 14Ω37 | 19 m, 17 | 23 ⊆ 50 | 20П03 | 15954 | 15 € 42 | 20 m, 28 | 24≗57 | 20П58 | 16951 | 16Ω48 | 21 m/39 | 26≗04 |
| 14S | 18Д56 | 14935 | 14Ω17 | 19 m, 12 | 23 ≏ 56 | 19П51 | 15932 | 15 A 22 | 20 m, 23 | 25 ₾ 03 | 20П45 | 16529 | 16£28 | 21 m/35 | 26 ₾ 10 |
| 15S | 18П43 | 149512 | 13 Ω 56 | 19 m, 07 | 24 - 02 | 19П38 | 15910 | 15 № 02 | 20 m, 19 | 25 ₾ 09 | 20 Д 33 | 16907 | 16Ω08 | 21 m/31 | 26 ₾ 16 |
| 16S 17S | 18 II 31 18 II 18 | 13©50 13©27 | 13 Ω 35 13 Ω 13 | 19 mp 02 18 mp 56 | 24 ⊆ 08 24 ⊆ 14 | 19 II 26 19 II 13 | 14947 14925 | 14Ω41 14Ω19 | 20 mp 14 20 mp 10 | 25 <u>a</u> 16 25 <u>a</u> 22 | 20 II 20 20 II 08 | 15@45 15@22 | 15Ω47 15Ω26 | 21 m/27 21 m/23 | 26 <u>₽</u> 23 |
| 17S | 18里05 | 13904 | 12.050 | 18 mg 51 | 24 <u>2</u> 14 | 19Д13 | 14902 | 13 N 57 | 20 mg 05 | 25 <u>≈</u> 22 | 19П55 | 14959 | 15 Ω 04 | 21 m 19 | 26 € 36 |
| 19S | 17II53 | 12541 | 12 N 28 | 18 m, 45 | 24 2 27 | 18П47 | 13538 | 13 A 35 | 20 m, 00 | 25 ₾ 35 | 19П42 | 14536 | 14Ω42 | 21 m, 15 | 26 ≙ 43 |
| 20S | 17П40 | 12517 | 12Ω04 | 18 mg 40 | 24≗33 | 18П34 | 13514 | 13 & 12 | 19 m ₂ 55 | 25 ≏ 42 | 19П29 | 14512 | 14Ω19 | 21 m/10 | 26≗50 |
| 21S | 17II 27 | 11553 | 11 0 40 | 18 m 34 | 24 € 40 | 18 Д 21 | 12550 | 12 0 48 | 19 m 50 | 25 ₾ 49 | 19П15 | 13548 | 13 0 56 | 21 m 06 | 26 ₾ 57 |
| 22S 23S | 17II13 17II00 | 11528 | 11Ω16 10Ω51 | 18 m, 28 18 m, 22 | 24 <u>₽</u> 46 24 <u>₽</u> 53 | 18 II 08 17 II 54 | 12©26 12©01 | 12 Ω 24 11 Ω 59 | 19 mg 44 19 mg 39 | 25 a 56 26 a 03 | 19 II 02 18 II 48 | 13©24 12©59 | 13 Ω 32 13 Ω 08 | 21 m ₂ 01 20 m ₂ 56 | 27 ♀ 04 27 ♀ 12 |
| 24S | 16 I I46 | 10938 | 10 Ω 25 | 18 mg 15 | 25 2 00 | 17 II 34 17 II 40 | 11935 | 11 A 33 | 19 mg 33 | 26 € 10 | 18 Д 35 | 12933 | 12 \Omega 42 | 20 m/ 51 | 27 ≗ 12 |
| 25S | 16П32 | 10©12 | 9Ω58 | 18 m ₂ 09 | 25 ♀ 08 | 17 Д 27 | 119510 | 11Ω07 | 19 m 27 | 26 ₾ 18 | 18П21 | 12507 | 12Ω16 | 20 m 46 | 27≗27 |
| 26S | 16II 18 | 9946 | 9ຄ30 | 18 mg 02 | 25 2 15 | 17 Д 12 | 10943 | 10Ω40 | 19 m/21 | 26 - 25 | 18耳07 | 119541 | 11 \$\alpha 50\$ | 20 mg 40 | 27 <u>0</u> 35 |
| 27S | 16 I I04 | 9\$19 | 9ብ02 | 17 m, 54 | 25 ≏ 23 | 16耳58 | 10ഇ16 | 10 Q 12 | 19 mg 14 | 26₽33 | 17П52 | 115514 | 11Ω22 | 20 m/35 | 27 ≏ 43 |
| 288 | 15 II 50 | 8951 | 8£33 | 17 m 47 | 25 △ 30 | 16 11 44 | 9549 | 9 N 43 | 19 m 08 | 26 - 41 | 17II 38 | 10547 | 10 0 53 | 20 m 29 | 27 2 52 |
| 298 | 15 Д 35 | 8523 | 8£02 | 17 m ₂ 39 | 25 ≏ 39 | 16П29 | 9521 | 9.013 | 19 mg 01 | 26 - 50 | 171123 | 10518 | 10Ω24 | 20 m 23 | 28 ₾ 01 |
| 30S 31S | 15 П 20 15 П 05 | 7955 7926 | 7 N 31 6 N 59 | 17 mp 31 17 mp 23 | 25 ≗ 47 25 ≗ 55 | 16 II 14 15 II 59 | 852 8523 | 8 ຄ 42 8 ຄ 10 | 18 mp 54 18 mp 46 | 26 ♀ 58 27 ♀ 07 | 17II 08 16II 52 | 9 5 50 | 9Ω53 9Ω21 | 20 m, 17 20 m, 10 | 28 ♀ 10 |
| 32S | 14 II 49 | 6956 | 6Ω25 | 17 mg 14 | 26 △ 04 | 15 II 43 | 7953 | 7.037 | 18 mg 38 | 27 <u>□</u> 07 | 16II37 | 8950 | 8 N 49 | 20 mg 03 | 28 ₾ 28 |
| 33S | 14П33 | 6925 | 5 N 50 | 17 m, 05 | 26 ₽ 13 | 15 Д27 | 7922 | 7ብ02 | 18 mg 30 | 27≗26 | 16 I I21 | 8519 | 8 Ω 14 | 19 m, 56 | 28≗38 |
| 348 | 14П17 | 5953 | 5 Ω 14 | 16 m ₂ 55 | 26 2 3 | 15П11 | 6950 | 6 Ω 26 | 18 m, 22 | 27 ≗ 36 | 16 I I04 | 75548 | 7 . 039 | 19 mg 48 | 28 ₾ 48 |
| 35S | 14 11 01 | 5921 | 4Ω37 | 16 m 45 | 26 △ 32 | 14 II 54 | 6918 | 5Ω49 | 18 m 13 | 27 <u>2</u> 46 | 15 II 48 | 7915 | 7,002 | 19 m/40 | 28 ₾ 59 |
| 36S 37S | 13 1 144 13 1 127 | 49548 49514 | 3Ω58 3Ω17 | 16 m 35 16 m 23 | 26 ♀ 42 26 ♀ 53 | 14 II 37 14 II 20 | 5945 5911 | 5Ω10 4Ω30 | 18 m, 03 17 m, 53 | 27 <u>∞</u> 56 28 <u>∞</u> 07 | 15 II 31 15 II 13 | 6 9 42 | 6Ω24 5Ω44 | 19 m/32 19 m/23 | 29 ♀ 10 |
| 38S | 13 II 09 | 3939 | 2035 | 16 mg 12 | 27 2 04 | 14 II 02 | 4935 | 3 N 48 | 17 mg 43 | 28 ₾ 18 | 14II55 | 5932 | 5Ω02 | 19 mg 14 | 29 ₾ 33 |
| 39S | 12Д51 | 3903 | 1 Q 50 | 15 m, 59 | 27 ≏ 15 | 13 Д 44 | 3959 | 3 ₪ 04 | 17 mg 32 | 28 ₾ 30 | 14Ц37 | 4956 | 4Ω18 | 19 mg 04 | 29ჲ45 |
| 40S | 12П33 | 2526 | 1 ₪ 04 | 15 mg 46 | 27 ≏ 27 | 13 Д26 | 3522 | 2 A 18 | 17 m, 20 | 28 ≏ 42 | 14 I I18 | 4518 | 3⋒32 | 18 m, 54 | 29≗58 |
| 418 | 12 Д 14 | 19548 | 0Ω15 | 15 m 32 | 27 △ 39 | 13 Д 06 | 25643 | 1 29 | 17 m 07 | 28 ₾ 55 | 13 Д 59 | 3540 | 2044 | 18 m 43 | 0m.11 |
| 42S 43S | 11 I 54 11 I 34 | 1©08 0©27 | 29©25 28©31 | 15 m ₂ 17 15 m ₂ 01 | 27 ♀ 52 28 ♀ 06 | 12 Д 47 12 Д 27 | 2©04 1©23 | 0 മ 39 29 ഇ 45 | 16 mp 54 16 mp 40 | 29 <u>a</u> 09 | 13 II 39 13 II 19 | 3500 2519 | 1 N 53 | 18 mg 31 18 mg 19 | 0m.25 0m.39 |
| 44S | 11 II 14 | 29 II 45 | 27935 | 14 mg 44 | 28 ≗ 20 | 12 Д 27 | 0940 | 28949 | 16 m/ 24 | 29 ♣ 37 | 12 Д 58 | 1936 | 0 ຄ 04 | 18 mg 05 | 0 m 54 |
| 45S | 10П52 | 29П02 | 26536 | 14 m/26 | 28₽35 | 11 Д 44 | 29П57 | 27ഇ50 | 16 mg 08 | 29 ₾ 53 | 12 Д 37 | 0ඉ52 | 29©05 | 17 m ₂ 51 | 1 m. 10 |
| 46S | 10П30 | 28П17 | 25ॼ34 | 14 m/06 | 28₽50 | 11 Д22 | 29П11 | 26©48 | 15 m, 50 | 0 m 09 | 12 II 14 | 006 | 28503 | 17 m 35 | 1 m 27 |
| 47S | 10耳08 | 27 II 30 | 24528 | 13 m 45 | 29 △ 07 | 11 II 00 | 28 Д 24 | 25942 | 15 m 31 | 0 m 26 | 11 Д 51 | 29 Д 19 | 26957 | 17 m 18 | 1 m. 45 |
| 48S 49S | 9П44 9П20 | 26 II 42 25 II 51 | 23©18 22©05 | 13 m/21 12 m/56 | 29 ♀ 24 29 ♀ 43 | 10 II 36 10 II 12 | 27 II 35 26 II 45 | 24©32 23©19 | 15 mg 10 14 mg 48 | 0 m. 44 1 m. 03 | 11 II 28 11 II 03 | 28 II 30 27 II 38 | 25©48 24©34 | 17 mg 00 16 mg 40 | 2m.04 2m.23 |
| 50S | 8П55 | 24 II 59 | 20947 | 12 m/ 29 | 0 m. 02 | 9П46 | 25 II 52 | 22500 | 14 m ₂ 23 | 1 m. 24 | 10Д38 | 26 II 45 | 23915 | 16 mg 18 | 2 m. 44 |
| 51S | 8П29 | 24 II 05 | 19524 | 12 m 58 | 0 m 23 | 9П40 | 23 II 32 24 II 57 | 20937 | 14 m 25 | 1 m. 45 | 10月38 | 25 II 50 | 21952 | 15 m/ 54 | 3 m 07 |
| 52S | 8п02 | 23 Д 09 | 17957 | 11 m/24 | 0m45 | 8П53 | 24II 00 | 19509 | 13 m/25 | 2 m 08 | 9П44 | 24 II 52 | 20ഇ22 | 15 m, 27 | 3 m 30 |
| 53S | 7II 34 | 22 II 10 | 16523 | 10 m 47 | 1 m 09 | 8П25 | 23 II 01 | 17935 | 12 m 51 | 2 m 33 | 9П15 | 23 II 52 | 18947 | 14 m 57 | 3 m 56 |
| 54S | 7Д05 | 21 11 09 | 149644 | 10 mg 05 | 1 m. 35 | 7Ц56 | 21 Д 59 | 15954 | 12 mg 14 | 2 m. 59 | 8II46 | 22 Д 50 | 17506 | 14 m/24 | 4 m. 23 |
| 55S 56S | 6Д35 6Д03 | 20 II 05 18 II 58 | 12©58 11©05 | 9 m, 18 8 m, 25 | 2 m 02 2 m 32 | 7П25 6П53 | 20 II 54 19 II 47 | 14©07 12©12 | 11 mp 31 10 mp 43 | 3 m 28 3 m 58 | 8 II 15 7 II 43 | 21 II 44 20 II 36 | 15©18 13©22 | 13 mg 46 13 mg 03 | 4m.52 5m.24 |
| 57S | 5Д30 | 17 Д 48 | 9504 | 8 Hz 23 | 3 m 04 | 6П20 | 19Д47 | 12912 | 9 mg 47 | 4m.31 | 7Д43 7Д09 | 19 Д 25 | 119922 | 13 mg 03 12 mg 13 | 5 m 58 |
| 58S | 4II 56 | 16Д35 | 6955 | 6 mg 12 | 3 m 39 | 5П45 | 17Ⅲ22 | 7959 | 8 m/ 42 | 5m07 | 6П34 | 18 Д 10 | 9504 | 11 m ₂ 15 | 6m.35 |
| 59S | 4 I I20 | 15 🛘 19 | 4938 | 4 m, 49 | 4m.17 | 5П08 | 16П05 | 5939 | 7 m, 27 | 5 m 47 | 5П57 | 16Д51 | 6942 | 10 mg 08 | 7m.15 |
| 60S | 3 Д 42 | 13 Д 59 | 29311 | 3 mg 11 | 4m.59 | 4П30 | 14П44 | 3©09 | 5 m, 57 | 6m30 | 5П18 | 15 Д 29 | 4509 | 8 m/47 | 8 m. 00 |
| 618 | 3 Д 02 | 12 Д 35 | 29 Д 34 | 1 m 12 | 5 m. 45 | 3 Д 50 | 13 Д 19 | 0930 | 4 m 08 | 7m.17 | 4Д37 | 14 Д 03 | 1926 | 7 m 08 | 8 m. 48 |
| 62S 63S | 2П20 1П36 | 11П07 9П35 | 26 II 48 23 II 51 | 28Ω48 25Ω47 | 6m36 7m32 | 3 II 07 2 II 23 | 11 II 50 10 II 16 | 27 II 39 24 II 38 | 1 m ₂ 54 29 Ω 05 | 8m.09 9m.08 | 3 II 55 3 II 09 | 12 Д32 10 Д57 | 28 II 32 25 II 26 | 5 m, 07 2 m, 32 | 9m42 10m42 |
| 64S | 0П49 | 7П59 | 20 II 44 | 21 257 | 8 m 36 | 1 Д 35 | 8Д38 | 21 II 26 | 25 N 28 | 10 m 13 | 2П22 | 9П18 | 22 II 09 | 29 N 11 | 11 m. 48 |
| 65S | 0п00 | 6п17 | 17Д27 | 16£56 | 9m.48 | 0П45 | 6Ц55 | 18п04 | 20ഹ39 | 11 m. 27 | 1Д31 | 7Д33 | 18П41 | 24 \Omega 39 | 13 m.04 |
| 66S | 29808 | 4 I I31 | 14 I I00 | 10 A 15 | 11 m 10 | 29853 | 5 I 107 | 14П31 | 14£05 | 12 m 50 | 0П37 | 5 Д 43 | 15Д03 | 18 Ω 19 | 14m.29 |
| pc | 28837 | 3П29 | 12П00 | 5£30 | 12m00 | 29821 | 4 I 104 | 12П28 | 9Ω19 | 13 m 42 | 0П06 | 4П39 | 12П56 | 13 Q 36 | 15 m 21 |
| C 1 1 | ations are | , , | | 1: .: 0 | | 2000 | 202621 | | () (() | | | | | | |

| | Sid.Tir MC: | | 6m AR 318'47 | CMC: 54 | ·°00' | Sid.Tir MC: | | Om AR | MC: 55 | 5°00' | Sid.Tir MC: | ne: 3h44 288 | 4m AR 314'55 | MC: 56 | 5°00' |
|------------|------------------------------------|--------------------------------------|--------------------------|--|----------------------------------|----------------------|----------------------|------------------------------|--|--|----------------------|----------------------|------------------------------------|--|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 24П29 | 22513 | 21 237 | 23 m, 27 | 25 ₾ 53 | 25П24 | 23509 | 22 A 38 | 24 m/33 | 26≗56 | 26П19 | 24506 | 23 N 40 | 25 m, 38 | 27ჲ59 |
| 1S | 24II17 | 21953 | 21 221 | 23 m/25 | 25 | 25 II 12 | 22550 | 22 N 23 | 24 m/31 | 27 🖴 02 | 26耳07 | 23 5 47 | 23 25 | 25 m/36 | 28 🖴 05 |
| 2S | 24 II 05 | 21 5 34 | 21 \Q 05 | 23 m 22 | 26 △ 04 | 25 11 00 | 22531 | 22 \Q 07 | 24 m 28 | 27 ₾ 08 | 25 II 55 | 23527 | 23 \Q 10 | 25 m 35 | 28 ₾ 11 |
| 3S 4S | 23 II 53 23 II 41 | 21©14 20©54 | 20 A 49 20 A 33 | 23 m/20 23 m/17 | 26 □ 10 26 □ 15 | 24 II 48 24 II 37 | 22©11 21©51 | 21 \Omega 52 21 \Omega 36 | 24 m/26 24 m/24 | 27 <u>₽</u> 14 27 <u>₽</u> 20 | 25 II 44 25 II 32 | 23©08 22©48 | 22 \Omega 54 22 \Omega 39 | 25 m/33 25 m/31 | 28 <u>₽</u> 17 |
| 5S | 23 Д 30 | 20934 | 20Ω16 | 23 m 14 | 26 2 21 | 24 II 25 | 21931 | 21 \(\Omega \) 19 | 24 m/ 22 | 27-26 | 25 II 20 | 22529 | 22 \Omega 23 | 25 m/ 29 | 28 - 30 |
| 6S | 23 II 30 23 II 18 | 20934 | 19259 | 23 mg 14 | 26 27 | 24 II 23 24 II 13 | 21931 | 21 203 | 24 m 19 | 27 <u>2</u> 20 | 25 II 20 25 II 08 | 22509 | 22 N 07 | 25 m 27 | 28 € 36 |
| 7S | 23 II 06 | 19554 | 19 & 42 | 23 m 09 | 26 - 33 | 24 II 01 | 20@51 | 20 Ω46 | 24 m 17 | 27 ₾ 38 | 24II56 | 215649 | 21 250 | 25 m, 25 | 28 <u>-</u> 42 |
| 8S | 22 Д 54 | 19ള34 | 19£25 | 23 mg 06 | 26 ₽ 39 | 23 Д 49 | 20ഇ31 | 20 A 29 | 24 m/15 | 27≗44 | 24П44 | 21 5 29 | 21 A 34 | 25 m/23 | 28 ≏ 49 |
| 9S | 22 Д41 | 19513 | 19 .0 07 | 23 m, 03 | 26 △ 45 | 23 Д36 | 20ഇ11 | 20 A 12 | 24 m/12 | 27≗50 | 24Д31 | 21 508 | 21 A 17 | 25 m/21 | 28 ≏ 55 |
| 10S | 22П29 | 18952 | 18⋒49 | 23 mg 00 | 26≗51 | 23 11 24 | 19©50 | 19⋒54 | 24 m/10 | 27 ≏ 57 | 24П19 | 20ഇ48 | 20⋒59 | 25 m/19 | 29 ₾ 02 |
| 118 | 22 П 17 | 18531 | 18.031 | 22 m 57 | 26 € 57 | 23 II 12 | 19529 | 19236 | 24 m 07 | 28 ₾ 03 | 24 II 07 | 20@27 | 20 \Q 42 | 25 m 17 | 29 ₾ 09 |
| 12S 13S | 22 II 05 21 II 53 | 18©10 17©49 | 18Ω12 17Ω53 | 22 m/54 22 m/50 | 27 ♀ 04 27 ♀ 10 | 23 II 00 22 II 47 | 19©08 18©46 | 19 A 18 18 A 59 | 24 mg 04 24 mg 02 | 28 <u>a</u> 10 | 23 II 55 23 II 42 | 20©06 19©44 | 20Ω24 20Ω06 | 25 m, 15 25 m, 13 | 29 a 15 |
| 14S | 21 II 40 | 17927 | 17.033 | 22 m/ 47 | 27 ⊆ 10 | 22 II 35 | 18925 | 18Ω40 | 23 m 59 | 28 € 23 | 23 II 30 | 19523 | 19Ω47 | 25 m, 11 | 29 <u>a</u> 29 |
| 15S | 21 11 28 | 17505 | 17Ω14 | 22 m 44 | 27 2 23 | 22П22 | 18ഇ03 | 18ብ21 | 23 m 56 | 28≗30 | 23 П 17 | 19501 | 19ຄ28 | 25 m 09 | 29 ₾ 36 |
| 16S | 21 II 15 | 16943 | 16Ω54 | 22 m/40 | 27 ⊆ 23 | 22 II 10 | 179341 | 18£01 | 23 m 53 | 28 ₾ 37 | 23 II 04 | 18539 | 19208 | 25 m 07 | 29 △ 43 |
| 17S | 211102 | 16©20 | 16Ω33 | 22 m/37 | 27≗37 | 21 Д 57 | 17518 | 17⋒40 | 23 m 50 | 28 ≏ 44 | 22 П 52 | 18516 | 18 Ω 48 | 25 m 04 | 29 ≙ 51 |
| 18S | 20 Д 49 | 15957 | 16 \O 12 | 22 m 33 | 27 △ 44 | 21 П 44 | 16955 | 17.020 | 23 m 47 | 28 ₾ 51 | 22 Д 39 | 17953 | 18.028 | 25 m 02 | 29 ₾ 58 |
| 19S | 20П36 | 15934 | 15 \$250 | 22 m, 29 | 27 2 51 | 21 11 31 | 16532 | 16 N 58 | 23 m/44 | 28 ₾ 58 | 22 11 26 | 17930 | 18Ω07 | 24 m 59 | 0m.06 |
| 20S | 20 II 23 | 15510 | 15 0 28 | 22 m 26 | 27 △ 58 | 21 II 18 21 II 04 | 16908 | 16.036 | 23 m 41 | 29 ₾ 06 | 22 Д 12 | 17507 | 17.045 | 24 m 57 | 0m.13 |
| 21S 22S | 20 II 10 19 II 56 | 14946 14922 | 15Ω05 14Ω41 | 22 m/22 22 m/18 | 28 <u>0</u> 5 28 <u>1</u> 3 | 20 II 51 | 15©44 15©20 | 16Ω14 15Ω50 | 23 m/38 23 m/34 | 29 <u>a</u> 13 | 21 II 59 21 II 45 | 16943 16918 | 17Ω23 17Ω00 | 24 m 54 24 m 51 | 0m.21 0m.29 |
| 23S | 19П43 | 13957 | 14Ω17 | 22 mg 13 | 28 - 21 | 20 II 37 | 14955 | 15 Ω 27 | 23 m/31 | 29 ₾ 29 | 21 II 32 | 15953 | 16Ω37 | 24 m/49 | 0m.38 |
| 24S | 19П29 | 13931 | 13 a 52 | 22 mj 09 | 28 🕰 29 | 20П23 | 14929 | 15⋒02 | 23 m, 27 | 29≗37 | 21 Д 18 | 15©28 | 16 Ω 13 | 24 m/46 | 0m.46 |
| 25S | 19П15 | 13905 | 13 Q 26 | 22 m/05 | 28≗37 | 20П09 | 14904 | 14£37 | 23 m/24 | 29 ₾ 46 | 21 Д 04 | 15902 | 15 Ω 48 | 24 m/43 | 0m.55 |
| 26S | 19П01 | 12539 | 13 A 00 | 22 m, 00 | 28 △ 45 | 19П55 | 13537 | 14Ω11 | 23 m/20 | 29 △ 54 | 20П49 | 14536 | 15 € 22 | 24 m/40 | 1 m 04 |
| 27S | 18 II 46 18 II 32 | 12512 | 12Ω33 12Ω04 | 21 m 55 | 28 ♣ 53 | 19 II 41 19 II 26 | 13510 | 13 0 16 | 23 m 16 | 0 m 03 | 20 Д 35 | 14509 | 14.038 | 24 m 36 | 1 m 13 |
| 28S 29S | 18Д32 18Д17 | 119944 119916 | 128004 11Ω35 | 21 m ₂ 50 21 m ₂ 45 | 29 ♀ 02 | 19 Д 26 | 12 9 43 | 13Ω16 12Ω47 | 23 m, 11 23 m, 07 | 0 m 12 0 m 22 | 20 II 20 20 II 05 | 13541 13513 | 14Ω28 14Ω00 | 24 m/33 24 m/29 | 1 m.22 1 m.32 |
| 30S | 18 Д 02 | 10948 | 11Ω05 | 21 m ₂ 39 | 29 | 18П56 | 11946 | 12Ω17 | 23 m 03 | 0m.31 | 19П50 | 12944 | 13Ω31 | 24 m 26 | 1 m. 41 |
| 31S | 17 II 46 | 10948 | 10Ω34 | 21 m/34 | 29 2 30 | 18 II 40 | 119940 | 11 Ω47 | 22 m 58 | 0m.41 | 19Д34 | 12515 | 13 Ω 00 | 24 m/ 22 | 1 m 52 |
| 32S | 17Д30 | 9948 | 10Ω01 | 21 m/28 | 29 🖴 40 | 18П24 | 10ഇ46 | 11Ω14 | 22 m 53 | 0m.51 | 19П18 | 119544 | 12Ω28 | 24 m 18 | 2 m 02 |
| 33S | 17П14 | 9517 | 9ຄ27 | 21 m/22 | 29 ₾ 50 | 18 I I08 | 10@15 | 10 ຄ 41 | 22 m/48 | 1 m 02 | 19П02 | 115613 | 11Ω55 | 24 m 14 | 2 m 13 |
| 34S | 16耳58 | 8945 | 8£52 | 21 m, 15 | 0m.01 | 17П52 | 99543 | 10 A 06 | 22 m, 42 | 1 m. 13 | 18П45 | 10542 | 11 Q 21 | 24 m, 10 | 2 m. 24 |
| 35S | 16耳41 | 8913 | 8 N 16 | 21 m 08 | 0m.11 | 17П35 | 9911 | 9230 | 22 m/37 | 1 m. 24 | 18 Д 28 | 10509 | 10Ω45 | 24 m 05 | 2m.36 |
| 36S 37S | 16П24 16П07 | 7939 7905 | 7 N 38 6 N 58 | 21 mg 01 20 mg 54 | 0 m. 23 0 m. 34 | 17II18 17II00 | 8 9 37 | 8 N 53 8 N 13 | 22 m/31 22 m/24 | 1 m 35 1 m 47 | 18 II 11 17 II 53 | 9 9 35 | 10Ω08 9Ω29 | 24 m ₂ 00 23 m ₂ 55 | 2 m. 48 3 m. 00 |
| | 15 II 49 | 6929 | | | | 16 II 42 | 7927 | | 22 mg 18 | | 17 II 35 | 8925 | | - | 3 m 13 |
| 39S | 15 Д 30 | 5953 | 5 A 33 | 20 m/ 37 | 0m.59 | 16П23 | 6950 | 6Ω49 | 22 m/11 | 2 m 13 | 17 Д 17 | 7948 | 8£06 | 23 m/44 | 3 m 26 |
| 40S | 15П11 | 5 © 15 | 4Ω47 | 20 m, 28 | 1 m. 12 | 16П04 | 6912 | 6Ω04 | 22 m ₂ 03 | 2 m 27 | 16Д58 | 7ඉ10 | 7ຄ21 | 23 m ₂ 38 | 3 m. 40 |
| 41S | 14II52 | 4536 | 4Ω00 | 20 m, 19 | 1 m 26 | 15П45 | 5933 | 5 Ω 16 | 21 m 55 | 2m41 | 16耳38 | 6931 | 6 Ω 34 | 23 m 32 | 3 m 55 |
| 42S | 14 Д 32 | 3956 | 3 2 0 9 | 20 m, 09 | 1 m. 40 | 15 П 25 | 4953 | 4Ω26 | 21 m/47 | 2 m 55 | 16П18 | 5950 | 5Ω44 | 23 m 25 | 4m.10 |
| 43S 44S | 14 II 12 13 II 51 | 3 3 3 3 3 3 3 3 | 2Ω16 1Ω21 | 19 mp 58 19 mp 46 | 1 m.55 2 m.11 | 15 II 04 14 II 43 | 4গু11 3গু28 | 3 N 34 2 N 38 | 21 m/38 21 m/28 | 3 m. 11 3 m. 27 | 15 Д 57 15 Д 36 | 5908 4925 | 4Ω52 3Ω57 | 23 mg 18 23 mg 10 | 4m.26 4m.43 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 13 Д29 13 Д06 | 19947 1991 | 0 ຄ 22 29 © 20 | 19 mg 34 19 mg 20 | 2 m. 27 2 m. 45 | 14П21 13П59 | 2943 1957 | 1 | 21 m ₂ 17 21 m ₂ 06 | 3 m. 44 4 m. 02 | 15 II 14 14 II 51 | 3 5 4 0 2 5 3 | 2 N 58 1 N 56 | 23 m ₂ 01 22 m ₂ 52 | 5m00 5m19 |
| 47S | 12 Д 43 | 0ഇ14 | 28514 | 19 mg 06 | 3 m 03 | 13 ДЗ5 | 1909 | 29@32 | 20 m 54 | 4m.21 | 14 Д 27 | 2905 | 0Ω51 | 22 m 43 | 5 m. 38 |
| 48S | 12 п 19 | 29П24 | 27504 | 18 m 50 | 3 m. 22 | 13 Д 11 | 0919 | 28522 | 20 m 41 | 4m.41 | 14 п 03 | 19514 | 295641 | 22 m/32 | 5m.58 |
| 49S | 11Д55 | 28П33 | 25@50 | 18 m, 33 | 3 m.43 | 12П46 | 29П27 | 27508 | 20 m, 26 | 5 m 02 | 13 Д 38 | 0522 | 28\$27 | 22 m, 20 | 6m.20 |
| 50S | 11 Д 29 | 27 11 39 | 24531 | 18 mg 14 | 4m.04 | 12 П 20 | 28 11 33 | 25549 | 20 m 10 | 5 m 24 | 13 П 12 | 29 11 28 | 27508 | 22 m 07 | 6m.43 |
| 51S 52S | 11 П 02 10 П 35 | 26 II 43 25 II 45 | 23©07 21©38 | 17 m ₂ 53 17 m ₂ 30 | 4 m 27 4 m 52 | 11 II 54 11 II 26 | 27 II 37 26 II 38 | 24©24 22©54 | 19 m ₂ 53 19 m ₂ 33 | 5 m. 48 6 m. 13 | 12 Д 45 12 Д 17 | 28 II 31 27 II 31 | 25©43 24©12 | 21 m/53 21 m/38 | 7m.07 7m.33 |
| 53S | 10Д33 | 24 II 44 | 20902 | 17 mg 04 | 5m.18 | 10 Д 57 | 25 II 37 | 219518 | 19 mg 11 | 6m.40 | 11 Д48 | 26 II 30 | 22935 | 21 m/ 20 | 8m.01 |
| 54S | 9Д36 | 23 Д 41 | 18519 | 16 m 35 | 5m.46 | 10П27 | 24П33 | 19©35 | 18 m, 47 | 7m.09 | 11 Д 17 | 25 Д25 | 20@51 | 21 m, 00 | 8m.30 |
| 55S | 9П05 | 22П35 | 16930 | 16 mg 02 | 6m.16 | 9П55 | 23П26 | 179644 | 18 m, 19 | 7m39 | 10П45 | 24П17 | 18959 | 20 m, 38 | 9m.02 |
| 56S | 8Д32 | 21 Д26 | 14532 | 15 mg 24 | 6m49 | 9п22 | 22 П 16 | 15©45 | 17 m/48 | 8 m. 13 | 10 Д 12 | 23 Д 06 | 16959 | 20 mg 12 | 9m36 |
| 57S | 7 II 58 | 20 II 13 | 12526 | 14 mp 41 | 7 m 24 | 8 II 48 | 21 11 03 | 13537 | 17 m 11 | 8m.49 | 9Д38 | 21 Д 52 | 14950 | 19 m 43 | 10m.13 |
| 58S 59S | 7П23 6П46 | 18 II 58 17 II 38 | 10©11 7©46 | 13 m ₂ 51 12 m ₂ 52 | 8 m. 02 8 m. 43 | 8П12 7П34 | 19П46 18П25 | 11©20 8©52 | 16 m/29 15 m/38 | 9 m. 28 10 m. 10 | 9П01 8П23 | 20 II 34 19 II 13 | 12 9 30 | 19 mg 09 18 mg 28 | 10m.53 11m.36 |
| 60S | 6 I I06 | 16 I I15 | 79940 5910 | | 9 m 29 | 6П55 | 17 I I01 | 6932 6913 | 14 m) 38 | 10 m 56 | 7 II 43 | 17 Д 47 | 79318 | 17 m ₂ 38 | 12 m. 23 |
| 61S | 5 II 25 | 16Д15 | 2924 | 11 mp 41 10 mp 14 | 10m.18 | 6Д33 | 15 II 32 | 3923 | 14 mp 38 13 mp 24 | 10 11 11 11 11 11 11 11 11 11 11 11 11 1 | 7Д43 7Д01 | 1/Д4/ | 79918 49923 | 17 mp 38 16 mp 38 | 12 ll 23 |
| 62S | 4 II 42 | 13 II 15 | 29П25 | 8 mg 26 | 11 m. 13 | 5П29 | 13 II 59 | 0920 | 11 m ₂ 51 | 12 m. 43 | 6П17 | 14 II 42 | 1916 | 15 m/ 22 | 14 m 12 |
| 63S | 3Д56 | 11П39 | 26П15 | 6 mg 08 | 12m.14 | 4П43 | 12П21 | 27II05 | 9 m, 52 | 13 m 46 | 5Д30 | 13 Д 03 | 27II56 | 13 mg 44 | 15m16 |
| 64S | 3п08 | 9П57 | 22 Ц 53 | 3 m, 06 | 13 m.22 | 3 Д 54 | 10Д38 | 23 Д37 | 7 m, 14 | 14m.55 | 4П41 | 11 Д 18 | 24П23 | 11 m ₂ 32 | 16m26 |
| 65S | 2II17 | 8П11 | 19П19 | 28£57 | 14m.39 | 3 п 03 | 8П49 | 19П58 | 3 m/ 33 | 16m.13 | 3П48 | 9п28 | 20П36 | 8 m, 26 | 17m.45 |
| 640 | 4 | / | | | | | | 1/ 770/ | | 17m 10 | | | 1 / 77 20 | | . 111m 1 4 |
| 66S pc | 1П22 0П51 | 6П19 5П14 | 15 II 34 13 II 24 | 23 A 00 18 A 26 | 16m.05 16m.59 | 2 II 08 1 II 35 | 6П55 5П49 | 16 II 06 13 II 51 | 28 A 08 23 A 52 | 17m.40 18m.35 | 2Д53 2Д20 | 7 II 32 6 II 24 | 16 II 38 14 II 19 | 3 m/45 29 Ω 58 | 19m.14 20m.09 |

| | Sid.Tir MC: | | 8m AR 312'46 | CMC: 57 | '°00' | Sid.Tir MC: | | 2m AR 0'27 | MC: 58 | 3°00' | Sid.Tir MC: | ne: 3h50 | 6m AR 17'59 | CMC: 59 |)°00' |
|--------------|--------------------------------------|--------------------------------|------------------------------|--|----------------------|----------------------|------------------------------------|------------------------------|--|----------------------|----------------------|--------------------------------|--------------------|--|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 27П14 | 25©03 | 24 \O 42 | 26 m/43 | 29 ☎ 02 | 28П09 | 26900 | 25 € 44 | 27 m, 49 | 0 m 05 | 29П04 | 26957 | 26 <i>û</i> 46 | 28 m, 54 | 1 m. 08 |
| 1S | 27II02 | 245644 | 24⋒27 | 26 m/42 | 29≗08 | 27II57 | 259641 | 25 ⋒30 | 27 m/48 | 0 m 12 | 28П53 | 26\$38 | 26⋒32 | 28 m/54 | 1 m 14 |
| 2S | 26 II 50 | 24925 | 24 \Q 12 | 26 m 41 | 29 ₾ 15 | 27 II 46 | 25@22 | 25 Ω 15 | 27 m 47 | 0m.18 | 28 Д 41 | 26519 | 26 \Q 18 | 28 m 53 | 1 m. 21 |
| 3S 4S | 26 II 39 26 II 27 | 24©05 23©46 | 23 \Omega 57 23 \Omega 42 | 26 m/39 26 m/38 | 29 ♀ 21 | 27 II 34 27 II 22 | 25©03 24©43 | 25 Ω 00 24 Ω 45 | 27 mg 46 27 mg 45 | 0m.25 0m.31 | 28 II 29 28 II 17 | 26©00 25©41 | 26Ω04 25Ω49 | 28 m, 53 28 m, 52 | 1 m. 28 1 m. 35 |
| 5S | 26 II 15 | 23526 | 23 Ω 26 | 26 m/ 37 | 29 △ 34 | 27 II 10 | 24924 | 24 \Omega 30 | 27 mg 44 | 0 m. 38 | 28П05 | 25@21 | 25 Ω 34 | 28 m/ 52 | 1 m. 41 |
| 6S | 26 II 03 | 23926 | 23 Ω 11 | 26 mg 35 | 29 2 40 | 26 II 58 | 249024 | 243 <i>t</i> 30 24Ω15 | 27 mg 43 | 0 m 44 | 27 II 53 | 25902 | 25 Ω 19 | 28 mg 51 | 1 m.48 |
| 7S | 25 II 51 | 22546 | 22 255 | 26 m/34 | 29 △ 47 | 26 II 46 | 235644 | 23 259 | 27 m 42 | 0m.51 | 27 Д 41 | 249642 | 25 № 04 | 28 m 51 | 1 m 55 |
| 8S | 25 Д 38 | 22526 | 22 A 38 | 26 m/32 | 29≗53 | 26П33 | 23524 | 23 ⋒43 | 27 m/41 | 0m.58 | 27П28 | 24522 | 24 A 48 | 28 m, 50 | 2m02 |
| 9S | 25 Д 26 | 22506 | 22 \Omega 22 | 26 m/31 | 0 m 00 | 26П21 | 23504 | 23 Q 27 | 27 mg 40 | 1 m 05 | 27П16 | 24502 | 24£33 | 28 m, 50 | 2 m 09 |
| 10S | 25 II 14 | 21 5 3 5 | 22 \Q 05 | 26 m 29 | 0m.07 | 26 II 09 | 225644 | 23 \Q 11 | 27 m 39 | 1 m 12 | 27 Д 04 | 23 5 42 | 24 \Q 16 | 28 m/49 | 2m.17 |
| 11S 12S | 25 II 02 24 II 50 | 21©25 21©04 | 21 \Quad 48 21 \Quad 30 | 26 m/28 26 m/26 | 0m.14 0m.21 | 25 II 57 25 II 44 | 22©23 22©02 | 22 \Omega 54 22 \Omega 36 | 27 m ₂ 38 27 m ₂ 37 | 1 m 19 1 m 26 | 26 II 52 26 II 39 | 23©21 23©01 | 24Ω00 23Ω43 | 28 m/49 28 m/48 | 2m24 2m31 |
| 13S | 24 II 30 | 20943 | 21 Ω 12 | 26 m/ 25 | 0 m 28 | 25 II 32 | 219541 | 22 N 19 | 27 mg 36 | 1 m. 33 | 26 II 27 | 22540 | 23 N 26 | 28 mg 48 | 2 m 39 |
| 14S | 24II25 | 20ഇ21 | 20 A 54 | 26 m 23 | 0m.35 | 25 Д 19 | 21 5 20 | 22 201 | 27 m/35 | 1 m. 41 | 26 Д 14 | 22518 | 23 û 09 | 28 m/47 | 2 m. 46 |
| 15S | 24 II 12 | 19959 | 20£35 | 26 m/21 | 0m.42 | 25 Д 07 | 20958 | 21 Ω43 | 27 m _p 34 | 1 m. 48 | 26П02 | 21957 | 22 Q 51 | 28 mj 47 | 2 m. 54 |
| 16S | 23 Д 59 | 19537 | 20 A 16 | 26 m/20 | 0m.50 | 24 Ц 54 | 20ഇ36 | 21 №24 | 27 m 33 | 1 m 56 | 25 Д 49 | 21535 | 22£32 | 28 m/46 | 3 m 02 |
| 17S | 23 II 46 | 19915 | 19256 | 26 m 18 | 0m.57 | 24 II 41 | 20@13 | 21 20 05 | 27 m 32 | 2 m 04 | 25 Д 36 | 21512 | 22 \O 14 | 28 m/46 | 3 m 10 |
| 18S 19S | 23 II 33 23 II 20 | 18©52 18©29 | 19 A 36 | 26 mp 16 26 mp 14 | 1 m 05 1 m 13 | 24 II 28 24 II 15 | 19©51 19©28 | 20 A 45 20 A 25 | 27 m/31 27 m/29 | 2 m 12 2 m 20 | 25 II 23 25 II 10 | 20@50 20@27 | 21 Ω 54 21 Ω 35 | 28 m/45 28 m/44 | 3 m 18 3 m 26 |
| | | | | | | | | | | | | | | | |
| 20S 21S | 23 II 07 22 II 54 | 18ඉ05 17ඉ41 | 18Ω54 18Ω33 | 26 mg 12 26 mg 10 | 1 m.21 1 m.29 | 24 II 02 23 II 48 | 19©04 18©40 | 20 Ω 04 19 Ω 43 | 27 m, 28 27 m, 27 | 2 m. 28 2 m. 36 | 24 II 56 24 II 43 | 20s03 19s39 | 21 Ω 14 20 Ω 53 | 28 m/44 28 m/43 | 3 m 35 3 m 43 |
| 22S | 22 Д 40 | 17917 | 18£10 | 26 m/08 | 1 m. 37 | 23 Д 35 | 18916 | 19 21 | 27 m, 25 | 2m.45 | 24П29 | 19515 | 20 A 32 | 28 m/42 | 3 m 52 |
| 23S | 22 Д 26 | 16952 | 17Ω47 | 26 m, 06 | 1 m. 46 | 23 Д21 | 17951 | 18£58 | 27 m/24 | 2 m 54 | 24П15 | 18550 | 20Ω10 | 28 m/42 | 4m.01 |
| 24S | 22 П 12 | 16527 | 17Ω24 | 26 m, 04 | 1 m.54 | 23 П 07 | 17526 | 18£35 | 27 m, 22 | 3 m. 03 | 24П01 | 18525 | 19 . 047 | 28 m/41 | 4m.10 |
| 25S | 21 Д 58 | 16901 | 16Ω59 | 26 m 02 | 2 m 03 | 22 Д 53 | 17900 | 18Ω11 | 27 m 21 | 3 m. 12 | 23 Д 47 | 17959 | 19 224 | 28 m/40 | 4 m 20 |
| 26S 27S | 21 II 44 21 II 29 | 15©35 15©08 | 16Ω34 16Ω08 | 25 m, 59 25 m, 57 | 2 m 12 2 m 22 | 22 II 38 22 II 23 | 16934 16907 | 17Ω46 17Ω21 | 27 m, 19 27 m, 18 | 3 m. 21 3 m. 31 | 23 II 33 23 II 18 | 17©33 17©06 | 18Ω59 18Ω34 | 28 m/39 28 m/39 | 4m29 4m39 |
| 28S | 21 II 14 | 14940 | 15Ω41 | 25 m 54 | 2 m 31 | 22 II 23 22 II 09 | 15939 | 16Ω54 | 27 mg 16 | 3 m. 41 | 23 II 03 | 16939 | 18Ω08 | 28 m/38 | 4 m 49 |
| 29S | 20П59 | 14912 | 15Ω13 | 25 m 52 | 2m.41 | 21 Д 53 | 15@11 | 16Ω27 | 27 m 14 | 3 m. 51 | 22 Д 48 | 16911 | 17Ω41 | 28 m/ 37 | 5 m.00 |
| 30S | 20П44 | 13543 | 14Ω44 | 25 m, 49 | 2 m 52 | 21 Д38 | 149642 | 15 Q 58 | 27 m, 13 | 4m.01 | 22 Д 32 | 159642 | 17£13 | 28 m/36 | 5 m. 11 |
| 31S | 20П28 | 13514 | 14Ω14 | 25 m/46 | 3 m 02 | 21 Д22 | 14913 | 15 ຄ29 | 27 m, 11 | 4m.12 | 22 Ц 16 | 15©12 | 16Ω44 | 28 m/35 | 5 m 22 |
| 32S | 20 II 12 | 12543 | 13 0 10 | 25 m 43 | 3 m. 13 | 21 11 06 | 13542 | 14.058 | 27 m 09 | 4 m. 23 | 22 П 00 | 14942 | 16Ω14 | 28 m/34 | 5m33 |
| 33S 34S | 19П56 19П39 | 12©12 11©40 | 13Ω10 12Ω37 | 25 m/40 25 m/37 | 3 m. 24 3 m. 35 | 20 II 50 20 II 33 | 13©11 12©39 | 14 N 26 13 N 53 | 27 m, 07 27 m, 04 | 4 m 35 4 m 46 | 21 II 44 21 II 27 | 14©11 13©39 | 15Ω43 15Ω10 | 28 m/33 28 m/32 | 5 m 45 5 m 57 |
| 35S | 19П22 | 11907 | 12Ω01 | 25 m/ 34 | 3 m. 47 | 20 II 16 | 12506 | 13Ω18 | 27 m 02 | 4 m 59 | 21 Д 10 | 13506 | 14Ω36 | 28 m/31 | 6m.10 |
| 36S | 19 Д 22 | 10934 | 11 \O 25 | 25 mg 30 | 4m.00 | 19 II 59 | 11933 | 12 \Omega 42 | 27 mg 02 | 5m.11 | 20 II 52 | 12532 | 148230 | 28 mg 30 | 6m.23 |
| 37S | 18П47 | 9959 | 10 Ω 46 | 25 m/26 | 4m.13 | 19П41 | 10ഇ58 | 12Ω04 | 26 m 57 | 5 m 24 | 20 Д 34 | 11957 | 13 Q 22 | 28 m/28 | 6m.36 |
| | 18 Д 29 | | 10Ω06 | | | 19П22 | | 11 Ω24 | | | | 11521 | | | 6m.50 |
| 39S | 18П10 | 85946 | 9ຄ23 | 25 m, 18 | 4 m.40 | 19П03 | 9945 | 10Ω42 | 26 m, 52 | 5 m 52 | 19П57 | 10544 | 12£002 | 28 m, 26 | 7m.05 |
| 40S | 17II 51 | 8908 | 8£39 | 25 m 13 | 4m.54 | 18 11 44 | 9906 | 9 A 58 | 26 m 49 | 6m.07 | 19Д38 | 10505 | 11 \Q 18 | 28 m 24 | 7m.20 |
| 41S 42S | 17Д31 17Д11 | 7 ඉ 29 6 ඉ 48 | 7Ω52 7Ω03 | 25 m 08 25 m 03 | 5 m 09 5 m 25 | 18 II 24 18 II 04 | 8 9 27 7 9 46 | 9 ຄ 1 2 8 ຄ 2 3 | 26 m/45 26 m/42 | 6m.22 6m.38 | 19П18 18П57 | 9 © 26 8 © 45 | 10Ω32 9Ω44 | 28 m/22 28 m/21 | 7m35 7m52 |
| 43S | 16耳50 | 6906 | 6Ω11 | 24 m 58 | 5 m 41 | 17 Д 43 | 7904 | 7 N 32 | 26 m/38 | 6m.55 | 18Д36 | 8502 | 8£53 | 28 m, 19 | 8m.09 |
| 44S | 16耳28 | 5922 | 5 Ω 16 | 24 m 52 | 5 m 58 | 17П21 | 6920 | 6 . 37 | 26 m/34 | 7 m 13 | 18П14 | 79518 | 7 . 059 | 28 m, 17 | 8 m 27 |
| 45S | 16耳06 | 4937 | 4Ω18 | 24 m/46 | 6m.16 | 16耳59 | 5934 | 5 a 39 | 26 m, 30 | 7m.31 | 17П52 | 6ණ32 | 7ብ02 | 28 m, 15 | 8m.46 |
| 46S | 15 II 43 | 3950 | 3 & 17 | 24 m 39 | 6m.35 | 16 II 36 | 49647 | 4£38 | 26 m 26 | 7m.51 | 17 Д 29 | 5945 | 6Ω01 | 28 m 13 | 9m.06 |
| 47S 48S | 15 I I 20 14 I I 55 | 3©01 2©10 | 2Ω11 1Ω02 | 24 m/31 24 m/23 | 6m.55 7m.16 | 16П12 15П47 | 3958 3907 | 3 N 33 2 N 23 | 26 m/21 26 m/15 | 8 m. 11 8 m. 32 | 17 II 05 16 II 40 | 4955 4904 | 4Ω56 3Ω47 | 28 m, 10 28 m, 07 | 9m27 9m48 |
| 49S | 14Д30 | 19518 | 29547 | 24 m 15 | 7 m 38 | 15 Д 22 | 2514 | 1 2009 | 26 m, 09 | 8 m 55 | 16 Д 14 | 3510 | 2033 | 28 m/ 04 | 10 m. 12 |
| 50S | 14П04 | 0ഇ23 | 28528 | 24 m ₂ 05 | 8 m. 01 | 14П55 | 19518 | 29\$50 | 26 m _p 03 | 9m.19 | 15 Д 47 | 2514 | 1Ω14 | 28 m _p 01 | 10m.36 |
| 51S | 13 Д36 | 29П25 | 27ഇ03 | 23 m 54 | 8m.26 | 14 Д 28 | 0ഇ20 | 28\$25 | 25 m 56 | 9m.44 | 15П20 | 19316 | 29549 | 27 m 58 | 11 m.02 |
| 52S | 13 II 08 | 28 11 25 | 25@32 | 23 m 42 | 8 m 53 | 13 Д 59 | 29 11 20 | 26554 | 25 m 48 | 10m.12 | 14П51 | 0515 | 28517 | 27 m 54 | 11 m. 30 |
| 53S 54S | 12 II 39 12 II 08 | 27 II 23 26 II 18 | 23@55 22@10 | 23 m/29 23 m/14 | 9m.21 9m.51 | 13 Д30 12 Д59 | 28 II 17 27 II 11 | 25©16 23©30 | 25 m/39 25 m/29 | 10m.40 11m.11 | 14П21 13П50 | 29 II 11 28 II 04 | 26©39 24©53 | 27 m, 49 27 m, 44 | 11 m.59 12 m.31 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 11 I I 36 11 I I 03 | 25 II 09 23 II 57 | 20ඉ17 18ඉ15 | 22 m/58 22 m/38 | 10 m. 23 10 m. 58 | 12 Д 27 11 Д 53 | 26 II 01 24 II 49 | 21©36 19©33 | 25 m, 18 25 m, 05 | 11 m. 44 12 m. 20 | 13 II 17 12 II 43 | 26 II 54 25 II 41 | 22©58 20©54 | 27 m ₂ 39 27 m ₂ 32 | 13 m. 04 13 m. 41 |
| 57S | 10 Д 28 | 22 II 42 | 16904 | 22 mg 16 | 11 m 36 | 11 Д 17 | 23 Д 33 | 17520 | 24 m 50 | 12 m 58 | 12 Д 08 | 24 II 24 | 18539 | 27 m/ 25 | 14 m. 20 |
| 58S | 9Д51 | 21 Д23 | 13542 | 21 m 50 | 12 m. 17 | 10П41 | 22 Д 13 | 14956 | 24 m 32 | 13 m. 40 | 11 Д30 | 23 Д 03 | 16©13 | 27 m 16 | 15 m.02 |
| 59S | 9П12 | 20П01 | 11509 | 21 m, 19 | 13 m 01 | 10 П 02 | 20П49 | 12©21 | 24 m, 12 | 14m.25 | 10П51 | 21 Д38 | 13534 | 27 m, 05 | 15 m.48 |
| 60S | 8 Д 32 | 18II34 | 8924 | 20 m 41 | 13 m. 49 | 9П21 | 19П21 | 9532 | 23 m 46 | 15 m 14 | 10 Д 10 | 20П09 | 10942 | 26 m 53 | 16m.37 |
| 61S 62S | 7П50 7П05 | 17 II 02 15 II 26 | 5ഇ26 2ഇ14 | 19 m ₂ 55 18 m ₂ 57 | 14 m. 42 15 m. 40 | 8П38 7П53 | 17 I I48 16 I I10 | 6930 3914 | 23 m/15 22 m/36 | 16m.07 17m.06 | 9П27 8П41 | 18 Д 34 16 Д 55 | 7936 4915 | 26 m/37 26 m/17 | 17m32 18m32 |
| 63S | / д 03 | 13 II 26 13 II 45 | 28 II 49 | 17 mg 42 | 15 11.40 | 7Д33 | 14 Д 28 | 29 II 43 | 22 ng 36 21 mg 45 | 18m.12 | 7 Д 52 | 15 Д 11 | 0 9 38 | 25 m/ 51 | 19m38 |
| | 6 I I18 | 13 ш 43 | | | | | | | | | 7Д01 | 13 Д 21 | 26 II 45 | | 20 m. 51 |
| 64S | 6П18 5П28 | 11 II 59 | 25П09 | 16 mg 00 | 17m.56 | 6耳14 | 12П40 | 25 11 57 | 20 mg 35 | 19m24 | / щог | 13 Щ 2 1 | 20Д43 | 25 m/16 | 201631 |
| 64S 65S | | | | | 17m.56 19m.15 | 6П14 5П21 | 12Д40 10Д46 | 25Д57 21Д56 | 20 m, 35 18 m, 55 | 20 m 45 | 6II07 | 11 Д25 | 22 II 37 | 25 m, 16 24 m, 25 | 22 m 12 |
| - 1 | 5П28 | 11 II 59 | 25П09 | 16 mg 00 | | | | | | | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 0m AR 05'22 | MC: 60 | °00' | Sid.Tir MC: | | 4m AR 2'37 | MC: 61 | °00' | Sid.Tii MC: | ne: 4h08 | 8m AR 19'43 | MC: 62 | 2°00' |
|------------|----------------------------------|---------------------------------|----------------------------------|----------------------|-------------------------------|-------------------------------|------------------------|----------------------------------|---|-------------------------------|----------------------|----------------------------------|----------------------------------|---|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0900 | 27954 | 27 A 49 | 0호00 | 2 m. 10 | 0ഇ55 | 28\$52 | 28£51 | 1 2 05 | 3 m. 13 | 1950 | 29\$49 | 29 A 54 | 2 ≏ 10 | 4m.15 |
| 1S | 29П48 | 27935 | 27Ω35 | 0₽00 | 2 m. 17 | 0943 | 28533 | 28 A 38 | 1 2 0 5 | 3 m 20 | 1538 | 29\$31 | 29⋒41 | 2 🕰 11 | 4 m 22 |
| 2S | 29П36 | 279517 | 27£21 | 0₽00 | 2 m 24 | 0931 | 28514 | 28 A 25 | 1 ₾ 06 | 3 m 27 | 1 5 2 6 | 29\$12 | 29⋒28 | 2 ≏ 12 | 4m29 |
| 38 | 29П24 | 26958 | 27 07 | 0 ₽ 00 | 2m.31 | 0919 | 27956 | 28 ₪ 11 | 1 2 06 | 3 m. 34 | 19514 | 28553 | 29Ω15 | 2 <u>□</u> 13 | 4m.37 |
| 4S | 29 п 12 | 26539 | 26£53 | 0 & 00 | 2m38 | 0907 | 27937 | 27 A 57 | 1 2 07 | 3 m. 41 | 1502 | 28535 | 29 ე 01 | 2 ≏ 14 | 4 m.44 |
| 5S | 29П00 | 26519 | 26⋒39 | 0 ₪ 00 | 2 m 45 | 29П55 | 279517 | 27 Ω 43 | 1 2 07 | 3 m. 48 | 0950 | 28516 | 28⋒48 | 2 2 15 | 4m.51 |
| 6S | 28 II 48 | 26900 | 26 \Q 24 | 0 ₽ 00 | 2 m 52 | 29 Д 43 | 26958 | 27 \O 14 | 1 2 08 | 3 m. 55 | 0938 | 27957 | 28 234 | 2 <u>0</u> 16 | 4m.59 |
| 7S 8S | 28 II 36 28 II 23 | 25@40 25@21 | 26Ω09 25Ω54 | 0호00 0호00 | 2 m 59 3 m 06 | 29 II 31 29 II 18 | 26539 26519 | 27Ω14 27Ω00 | 1요08 1요09 | 4 m 03 4 m 10 | 0©26 0©14 | 27537 27518 | 28 N 20 28 N 05 | 2 <u>⊕</u> 17 2 <u>⊕</u> 18 | 5 m 06 5 m 14 |
| 9S | 28 II 11 | 259921 | 25 N 38 | 0호00 | 3 m 14 | 29 П 06 | 25959 | 26Ω44 | 1 2 0 9 | 4 m. 18 | 0901 | 26958 | 27£51 | 2 <u>⊶</u> 18 | 5 m 22 |
| 108 | 27 Д 59 | 24940 | 25 \Omega 23 | 0호00 | 3 m. 21 | 28 Д 54 | 25939 | 26Ω29 | 1 2 10 | 4m.25 | 29П49 | 26938 | 27Ω36 | 2 ♣ 20 | 5 m 29 |
| 11S | 27 II 47 | 24920 | 25 N 07 | 0±00 | 3 m. 28 | 28 II 42 | 25939 | 26Ω14 | 1 ≗ 10 | 4m.33 | 29 Д 37 | 26918 | 27 N 21 | 2 <u>≈</u> 20 | 5m37 |
| 12S | 27 Д 34 | 23559 | 24 2 50 | 0₽00 | 3 m. 36 | 28 П 29 | 24958 | 25 A 58 | 1 | 4m.41 | 29П24 | 25957 | 27Ω05 | 2 | 5m.45 |
| 13S | 27Ⅲ22 | 23538 | 24⋒34 | 0₽00 | 3 m 44 | 28 II 17 | 24937 | 25 ₪ 41 | 1 2 11 | 4 m 49 | 29П12 | 25937 | 26⋒49 | 2 ≏ 23 | 5 m 53 |
| 14S | 27Ⅲ09 | 23517 | 24 A 16 | 0∞00 | 3 m 52 | 28Ⅲ04 | 24516 | 25 A 25 | 1 ≏ 12 | 4 m 57 | 28П59 | 25\$16 | 26⋒33 | 2 ≏ 24 | 6m02 |
| 15S | 26耳56 | 22\$56 | 23 û 59 | 0₽00 | 4m.00 | 27 II 51 | 23@55 | 25 ຄ 08 | 1 ≏ 12 | 5 m 05 | 28П46 | 24954 | 26Ω17 | 2 ≏ 25 | 6m.10 |
| 16S | 26Ц44 | 22534 | 23 N 41 | 0₽00 | 4m.08 | 27 Д 39 | 23@33 | 24 2 50 | 1 | 5 m. 13 | 28 Д 33 | 24533 | 26£000 | 2 ≏ 26 | 6m.18 |
| 17S | 26 II 31 | 22512 | 23 223 | 0 ₽ 00 | 4m.16 | 27 Д 26 | 23511 | 24 \Q 32 | 1 2 13 | 5m.21 | 28 Д 21 | 24511 | 25 \Q 42 | 2 <u>₽</u> 27 | 6m27 |
| 18S | 26 II 18 | 215349 | 23 \Q 04 | 0 to 00 | 4 m 24 | 27 II 13 | 22548 | 24 \Q 14 | 1 <u>0</u> 14 | 5 ML 30 | 28 II 07 27 II 54 | 23 so 48 23 so 26 | 25 Ω 24 25 Ω 06 | 2 <u>0</u> 28 | 6m.36 |
| 19S | 26 II 04 | 21 5 26 | 22 \Quad 45 | 0 ₽ 00 | 4 m. 33 | 26 11 59 | 22526 | 23 0 55 | 1 <u>0</u> 15 | 5 m 39 | | | 25 A 06 | 2 △ 30 | 6m.45 |
| 20S 21S | 25 Д 51 25 Д 38 | 21©03 20©39 | 22 \Omega 25 22 \Omega 04 | 0호00 0호00 | 4m41 4m50 | 26 II 46 26 II 32 | 22©02 21©39 | 23 Ω36 23 Ω16 | 1 ≏ 15 | 5 m 48 5 m 57 | 27П41 27П27 | 23502 | 24Ω47 24Ω28 | 2 <u>⊕</u> 31 2 <u>⊕</u> 32 | 6m.54 7m.03 |
| 21S 22S | 25 II 24 | 20939 | 223704 21Ω43 | 0호00 | 4 m 59 | 26 II 19 | 21939 | 23 N 16 | 1 2 10 | 6m.06 | 27 II 27 27 II 13 | 22939 | 243128 24Ω08 | 2 <u>2</u> 32 2 <u>2</u> 34 | 7 m 13 |
| 23S | 25 II 10 | 19950 | 21 & 22 | 0 <u>20</u> 0 | 5 m 08 | 26 II 05 | 20950 | 22 \ \ \ 334 | 1 <u>=</u> 17 | 6m.15 | 26 II 59 | 21950 | 23 N 47 | 2 = 34 2 = 35 | 7 m. 22 |
| 24S | 24II56 | 19©25 | 21 2000 | 0₽00 | 5 m 18 | 25Д51 | 20ഇ25 | 22 & 12 | 1 ≏ 18 | 6m.25 | 26II45 | 21 5 25 | 23 A 26 | 2 ≏ 37 | 7 m. 32 |
| 25S | 24 II 42 | 18959 | 20£37 | 0호00 | 5 m. 28 | 25 Д36 | 19959 | 21 2 50 | 1 ⊆ 19 | 6m.35 | 26Д31 | 21500 | 23 ൂ 04 | 2 ≏ 38 | 7 m.42 |
| 26S | 24II27 | 18533 | 20 A 13 | 0₽00 | 5m37 | 25 11 22 | 19533 | 21 & 27 | 1 2 20 | 6m.45 | 26耳16 | 20ഇ33 | 22 N 41 | 2 🕰 40 | 7 m 53 |
| 27S | 24 II 12 | 18506 | 19⋒48 | 0 ₽ 00 | 5 m 48 | 25 II 07 | 19506 | 21 \O3 | 1 20 | 6m.56 | 26П01 | 20507 | 22 A 17 | 2 △ 41 | 8 m 03 |
| 28S 29S | 23 II 57 23 II 42 | 17539 | 19 0 23 | 0 2 00 | 5 m 58 | 24 II 52 24 II 36 | 18539 | 20 20 38 | 1 <u>⊕</u> 21 1 <u>⊕</u> 22 | 7m.06 | 25 II 46 | 19539 | 21 0 28 | 2 <u>0</u> 43 | 8m.14 8m.25 |
| | | 17510 | 18£56 | 0 ₽ 00 | 6m.09 | | 18511 | 20 \alpha 12 | | 7m.17 | 25 Д 31 | 19511 | 21 228 | 2 2 45 | |
| 30S 31S | 23 II 26 23 II 11 | 16942 16912 | 18Ω29 18Ω00 | 0호00 0호00 | 6m20 6m31 | 24 II 21 24 II 05 | 17942 17912 | 19Ω45 19Ω17 | 1 <u>⊕</u> 23 1 <u>⊕</u> 24 | 7 m 29 7 m 40 | 25 II 15 24 II 59 | 18542 18513 | 21 Ω01 20 Ω34 | 2 <u>⊶</u> 46 2 <u>⊶</u> 48 | 8m37 8m49 |
| 32S | 22 II 54 | 15942 | 17Ω31 | 0판00 | 6m.43 | 23 II 49 | 16942 | 18Ω48 | 1 2 2 4 | 7 m 52 | 24 II 39 24 II 43 | 179643 | 202034 | 2 <u>2 2 4</u> 8 | 9m.01 |
| 33S | 22 Д 38 | 15911 | 17Ω00 | 0₽00 | 6m.55 | 23 Д32 | 16911 | 18Ω17 | 1 26 | 8 m. 04 | 24 Д 26 | 17911 | 19 ຄ 36 | 2 ⊆ 52 | 9m.14 |
| 34S | 22Д21 | 14938 | 16 Ω 27 | 0 ჲ 00 | 7m07 | 23 Ц 15 | 15©39 | 17⋒46 | 1 ≏ 27 | 8m.17 | 24П09 | 16539 | 19⋒05 | 2₽55 | 9m27 |
| 35S | 22 Ⅲ 04 | 14906 | 15 Q 54 | 0₽00 | 7m20 | 22 Д 58 | 15©06 | 17Ω13 | 1 | 8 m. 30 | 23 Д 52 | 16906 | 18£32 | 2 ≏ 57 | 9m.40 |
| 36S | 21 11 46 | 13532 | 15Ω19 | 0₽00 | 7m33 | 22 II 40 | 14532 | 16£38 | 1 ₾ 29 | 8 m 44 | 23 Д 34 | 15\$32 | 17£58 | 2₽59 | 9m.54 |
| 37S | 21 Д28 | 12557 | 14 0 42 | 0 ₽ 00 | 7m47 | 22 11 22 | 13957 | 16 \(\O \) 02 | 1 2 31 | 8 m 58 | | 14957 | 17Ω23 | 3 ₾ 02 | 10m.08 |
| 38S 39S | 20 II 51 | 12©20 11©43 | 14 £103 | 0호00 0호00 | 8 m 16 | 22 II 03 21 II 44 | 13520 | 15Ω24 14Ω44 | 1 <u>⊕</u> 32 1 <u>⊕</u> 33 | 9 m 28 | 22 II 37 22 II 38 | 14©21 13©43 | 16Ω45 16Ω06 | 3 <u>0</u> 05 3 <u>0</u> 07 | 10m.23 10m.39 |
| | | | | | | | | | | | | | | | |
| 40S 41S | 20Д31 20Д11 | 11©05 10©25 | 12Ω39 11Ω54 | 0호00 0호00 | 8 m. 32 8 m. 48 | 21 II 25 21 II 04 | 12©04 11©24 | 14Ω01 13Ω17 | 1 ≏ 35 1 ≏ 37 | 9 m 44 10 m 00 | 22 II 18 21 II 58 | 13©05 12©25 | 15Ω24 14Ω40 | 3 <u>₽</u> 10 | 10 m 55 11 m 12 |
| 42S | 19 Д 50 | 99944 | 11 Ω 06 | 0호00 | 9m.05 | 20 II 44 | 10943 | 12.030 | 1 = 37 | 10 m 17 | 21 II 37 | 119543 | 13Ω54 | 3 ⊆ 17 | 11 m. 29 |
| 43S | 19П29 | 9901 | 10Ω16 | 0₽00 | 9 m 22 | 20 Д22 | 10500 | 11 Ω 40 | 1 △ 40 | 10m.35 | 21 Д 16 | 11500 | 13 A 05 | 3 ≏ 21 | 11 m.48 |
| 44S | 19ц07 | 8916 | 9ຄ22 | 0₽00 | 9m41 | 20П00 | 9\$16 | 10⋒47 | 1 ≙ 42 | 10m.54 | 20П54 | 10515 | 12 Q 13 | 3 ₾ 25 | 12m.07 |
| 45S | 18Ц45 | 7930 | 8 Ω 26 | 0₽00 | 10 m 00 | 19Ц38 | 8529 | 9⋒51 | 1 ≙ 44 | 11 m. 14 | 20Д31 | 9529 | 11 Q 17 | 3 ₾ 29 | 12 m.27 |
| 46S | 18П21 | 6943 | 7 N 25 | 0₽00 | 10 m. 20 | 19П14 | 79541 | 8 N 5 1 | 1 2 46 | 11 m 34 | 20 п 07 | 8940 | 10Ω18 | 3 <u>0</u> 33 | 12m48 |
| 47S | 17II 57 | 5953 | 6Ω21 | 0 2 00 | 10m.42 | 18 II 50 | 6951 | 7.047 | 1 2 49 | 11 m 56 | 19П43 | 7950 | 9Ω14 | 3 <u>0</u> 38 | 13 m 10 |
| 48S 49S | 17П32 17П06 | 5901 4907 | 5Ω12 3Ω58 | 0호00 0호00 | 11 m 04 11 m 28 | 18П25 17П59 | 5959 5905 | 6 N 38 5 N 25 | 1 ⊆ 52 1 ⊆ 55 | 12 m 19 12 m 43 | 19П17 18П51 | 6957 6903 | 8 N 06 6 N 54 | 3 <u>⊕</u> 44 3 <u>⊕</u> 50 | 13 m 33 13 m 58 |
| | | | | | | | | | | | | | | | |
| 50S 51S | 16Д39 16Д12 | 3511 2512 | 2Ω39 1Ω14 | 0호00 0호00 | 11 m.53 12 m.19 | 17 II 32 17 II 04 | 4508 3508 | 4Ω06 2Ω41 | 1 <u>⊕</u> 58 2 <u>⊕</u> 01 | 13 m 09 13 m 36 | 18П24 17П56 | 5©05 4©06 | 5Ω35 4Ω11 | 3 ≏ 56 4 ≏ 03 | 14m.24 14m.51 |
| 52S | 15 II 43 | 19510 | 29943 | 0판00 | 12 m 47 | 16 II 34 | 2906 | 1 \O 10 | 2 <u>2</u> 01 | 14 m 04 | 17 II 36 17 II 26 | 3903 | 2039 | 4 <u>2</u> 03 | 15 m 20 |
| 53S | 15 Д 12 | 0906 | 28504 | 0₽00 | 13 m. 17 | 16耳04 | 1991 | 29@31 | 2 ₾ 10 | 14m.35 | 16Д56 | 1957 | 1000 | 4₽20 | 15 m 51 |
| 54S | 14 I I41 | 28П58 | 26917 | 0₽00 | 13 m.49 | 15 Д 32 | 29П53 | 279544 | 2 ≏ 15 | 15m.07 | 16П24 | 0948 | 29ഇ13 | 4മ30 | 16m25 |
| 55S | 14 I I08 | 27П48 | 24©22 | 0₽00 | 14 m 24 | 14П59 | 28П42 | 25ഇ47 | 2 2 20 | 15m42 | 15Д50 | 29П36 | 27ഇ16 | 4 ≏ 41 | 17m.00 |
| 56S | 13 Д 34 | 26 Д 33 | 22516 | 0000 | 15m.01 | 14 П 24 | 27 Д 26 | 23541 | 2 <u>2</u> 27 | 16m20 | 15 Д 15 | 28 Д20 | 25908 | 4 <u>₽</u> 54 | 17m.38 |
| 57S | 12 II 58 | 25 II 15 | 20500 | 0 to 00 | 15 m 40 | 13 II 48 | 26 II 08 | 21 5 23 | 2 <u>⊕</u> 34 | 17m 00 | 14 II 39 | 27 II 00 | 22549 | 5 <u>0</u> 09 | 18 m 19 |
| 58S 59S | 12 П 20 11 П 41 | 23 II 54 22 II 27 | 17©32 14©50 | 0호00 0호00 | 16 m. 23 17 m. 09 | 13 II 10 12 II 30 | 24 II 45 23 II 17 | 18©53 16©09 | 2 ⊕ 43 2 ⊕ 54 | 17 m. 43 18 m. 30 | 14П00 13П20 | 25 II 36 24 II 08 | 20©17 17©30 | 5 ≗ 27 5 ≗ 47 | 19m.03 19m.50 |
| 60S | 10 Д 59 | 20 II 57 | 11955 | 0≖00 | 18 m. 00 | 11 11 48 | 21 II 45 | 13910 | 3 2 06 | 19 m. 22 | 12 Д 38 | 22 Д 34 | 14927 | 6 <u>₽</u> 13 | 20 m. 42 |
| 61S | 10 II 39 10 II 15 | 19П21 | 8944 | 0호00 | 18 m 55 | 11 Д 48 | 20 II 08 | 9955 | 3 2 2 2 | 20m.17 | 11 Д 53 | 22 II 34 20 II 56 | 149027 | 6 <u>≈</u> 13 | 2011L42 21 m.38 |
| 62S | 9П29 | 17II 40 | 5918 | 0200 | 19m.56 | 10 Д 17 | 18 II 26 | 6923 | 3 <u>≈</u> 42 | 21 m. 18 | 11 Д 06 | 19 Д 12 | 7931 | 7 2 23 | 22 m 40 |
| 63S | 8 I I40 | 15 Д 54 | 1935 | 0₽00 | 21 m 02 | 9П28 | 16Д38 | 2534 | 4≗08 | 22 m 26 | 10П16 | 17П22 | 3935 | 8 ≏ 14 | 23 m.48 |
| 64S | 7 I I48 | 14耳02 | 27Ⅲ35 | 0ლ00 | 22 m 16 | 8П36 | 14 I I44 | 28 II 27 | 4 ≏ 43 | 23 m 40 | 9П23 | 15 Д27 | 29П19 | 9 ≏ 24 | 25 m 03 |
| | | I | | | | | 1 | | | 1 | | 1 | 1 | | 2000 |
| 65S | 6Ц54 | 121104 | 23 П 19 | 0₽00 | 23 m 38 | 7 I I40 | 12Ⅱ44 | 24 11 02 | 5 ≏ 34 | 25 m 03 | 8П27 | 13 Д 24 | 24Ⅱ46 | 11 ≏ 04 | 26m26 |
| - 1 | | 12 II 04 10 II 00 8 II 48 | 23 II 19 18 II 48 16 II 11 | 0호00 0호00 0호00 | 23 m.38 25 m.10 26 m.06 | 7 II 40 6 II 41 6 II 06 | 12П44 10П38 9П24 | 24 II 02 19 II 22 16 II 39 | 5 \omega 34 6 \omega 55 8 \omega 05 | 25 m.03 26 m.35 27 m.32 | 8П27 7П27 6П52 | 13 II 24 11 II 16 10 II 01 | 24 II 46 19 II 56 17 II 06 | 11 <u>0</u> 4 13 <u>0</u> 41 15 <u>0</u> 55 | 27 m. 58 28 m. 55 |

| | Sid.Tir MC: | | 2m AR 66'41 | CMC: 63 | °00' | Sid.Tir MC: | | 6m AR 3'32 | MC: 64 | l°00' | Sid.Tir MC: | ne: 4h20 6Д5 | 0m AR | MC: 65 | 5°00' |
|------------|------------------------------------|----------------------|----------------------|----------------------------------|----------------------|----------------------|--------------------------------|------------------------------|--------------------------------|----------------------|----------------------|----------------------|--|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 2945 | 0ብ47 | 0 m ₂ 57 | 3 ≏ 16 | 5 m. 17 | 3540 | 1 2 4 5 | 2 m, 00 | 4 ≏ 21 | 6m.19 | 4935 | 2 N 43 | 3 m, 03 | 5 ≙ 26 | 7m.21 |
| 1S | 2533 | 0 Ω 29 | 0 mg 44 | 3 △ 17 | 5 m 24 | 3528 | 1 26 | 1 m/48 | 4 <u>₽</u> 23 | 6m.26 | 4523 | 2 № 25 | 2 m/51 | 5 ≏ 28 | 7m.28 |
| 2S | 2521 | 0Ω10 | 0 m 32 | 3 <u>0</u> 18 | 5 m 32 | 3516 | 1008 | 1 m 35 | 4 <u>0</u> 24 | 6m.34 | 4911 | 2007 | 2 m/39 | 5 <u>0</u> 31 | 7m.36 |
| 3S 4S | 2©09 1©57 | 29©52 29©33 | 0 mg 19 0 mg 06 | 3 <u>⊕</u> 20 3 <u>⊕</u> 21 | 5 m 39 5 m 47 | 3 S 0 4 2 S 5 2 | 0 <i>0</i> 50 0 <i>0</i> 31 | 1 m, 23 1 m, 10 | 4 <u>요</u> 26 4 <u>요</u> 28 | 6m.42 6m.49 | 3559 3547 | 1 Ω 48 1 Ω 30 | 2 m ₂ 27 2 m ₂ 15 | 5 <u>⊕</u> 33 | 7 m 44 7 m 52 |
| 5S | 19945 | 29514 | 29 253 | 3 - 22 | 5 m 54 | 2940 | 0Ω13 | 0 m ₂ 58 | 4 <u>0</u> 30 | 6m.57 | 3935 | 1012 | 2 m ₂ 03 | 5 - 37 | 7 m 59 |
| 6S | 1933 | 28955 | 29 239 | 3 ⊆ 22 | 6m.02 | 2928 | 29954 | 0 mg 45 | 4 <u>2</u> 30 | 7m.05 | 3923 | 0 Ω 53 | 2 mg 50 | 5 - 40 | 8m.07 |
| 7S | 1©21 | 28936 | 29 25 | 3 ₾ 25 | 6m.10 | 2916 | 29ഇ35 | 0 m/ 31 | 4ჲ34 | 7 m 13 | 3511 | 0ຄ34 | 1 m/ 37 | 5 <u>₽</u> 42 | 8m.16 |
| 8S | 1909 | 28517 | 29 & 12 | 3 ≏ 27 | 6m.17 | 2504 | 29\$16 | 0 m, 18 | 4 <u>0</u> 36 | 7m21 | 2559 | 0Ω15 | 1 m/24 | 5 △ 44 | 8m24 |
| 9S | 0ഇ56 | 27957 | 28£57 | 3 ₾ 28 | 6m.25 | 1951 | 28\$56 | 0 m, 04 | 4 ≏ 38 | 7 m. 29 | 29647 | 29\$56 | 1 mp 11 | 5 ≙ 47 | 8m.32 |
| 10S | 0944 | 27937 | 28 \Quad 43 | 3 ₾ 30 | 6m.33 | 1939 | 28936 | 29 250 | 4 <u>0</u> 40 | 7m.37 | 2534 | 29536 | 0 m 58 | 5 <u>0</u> 49 | 8m.40 |
| 11S 12S | 0 ട 32 0 ട 19 | 27©17 26©57 | 28 N 28 28 N 13 | 3 <u>⊕</u> 31 | 6m41 6m49 | 1©27 1©14 | 28©17 27©56 | 29 A 36 29 A 21 | 4 <u>요</u> 42 4 <u>요</u> 44 | 7 m. 45 7 m. 53 | 2©22 2©10 | 29©16 28©56 | 0 mp 44 0 mp 30 | 5 ≏ 52 5 ≏ 55 | 8m49 8m57 |
| 13S | 0907 | 26936 | 27 Ω 58 | 3 ⊆ 34 | 6m.58 | 1902 | 27936 | 29Ω06 | 4 <u>₽</u> 46 | 8 m. 02 | 1957 | 28936 | 0 mg 15 | 5 - 57 | 9m.06 |
| 14S | 29П54 | 26915 | 27 & 42 | 3 ≏ 36 | 7m.06 | 0949 | 279515 | 28£51 | 4 ≏ 48 | 8 m. 10 | 19544 | 28515 | 0 mg 00 | 6₽00 | 9m.15 |
| 15S | 29П41 | 25954 | 27£26 | 3 <u>⊶</u> 38 | 7m.15 | 0ള36 | 26954 | 28 A 35 | 4≗50 | 8 m. 19 | 19532 | 27954 | 29⋒45 | 6 ჲ 03 | 9m.24 |
| 16S | 29П28 | 25@32 | 27£09 | 3 ₾ 39 | 7 m 23 | 0©24 | 26533 | 28 A 19 | 4 <u>₽</u> 53 | 8 m. 28 | 15619 | 27533 | 29 A 30 | 6 ≏ 06 | 9m33 |
| 17S 18S | 29П15 29П02 | 25©11 24©48 | 26Ω52 26Ω35 | 3 <u>₽</u> 41 | 7 m 32 | 0©11 29∏57 | 26©11 25©49 | 28Ω03 27Ω46 | 4 亞 55 4 亞 57 | 8 m . 37 | 1506 0552 | 27©11 26©49 | 29Ω14 | 6 ₽ 09 | 9m.42 9m.51 |
| 18S 19S | 29 II 02 28 II 49 | 249948 | 26 <i>λ</i> 133 | 3 <u>⊕</u> 43 3 <u>⊕</u> 45 | 7m41 7m50 | 29 II 37 29 II 44 | 25926 | 278146 27 N 29 | 5 <u>0</u> 00 | 8m.46 8m.56 | 0932 | 26927 | 28 N 57 28 N 40 | 6 <u>⊕</u> 12 | 10m.01 |
| 20S | 28 Д 36 | 24903 | 25 \Omega 59 | 3 - 47 | 8 m. 00 | 29П31 | 25903 | 27Ω11 | 5 - 00 | 9 m 05 | 0926 | 26504 | 2823 | 6-18 | 10 m 10 |
| 21S | 28 II 22 | 23539 | 25 Ω 40 | 3 <u>~</u> 49 | 8m.09 | 29П17 | 24540 | 26 252 | 5 - 0 5 | 9m.15 | 0912 | 259341 | 28 A 05 | 621 | 10 m 20 |
| 22S | 28П08 | 23©15 | 25 A 20 | 3 🕰 51 | 8m.19 | 29П03 | 24516 | 26 A 33 | 5≏08 | 9m25 | 29П58 | 25©17 | 27 a 47 | 6₽25 | 10m.30 |
| 23S | 27 II 54 | 22551 | 25 \Omega 00 | 3 △ 53 | 8m.29 | 28 Д 49 | 23552 | 26Ω14 25Ω54 | 5 <u>0</u> 10 | 9m.35 | 29 Д 44 | 24953 | 27.028 | 6 28 | 10m.41 |
| 24S | 27 II 40 | 22526 | 24 \Q 39 | 3 <u>∞</u> 55 | 8 m. 39 | 28 11 35 | 23527 | 25 0 54 | 5 <u>0</u> 13 | 9m.45 | 29П30 | 24528 | 27208 | 6 △ 32 | 10m.51 |
| 25S 26S | 27 II 26 27 II 11 | 22©00 21©34 | 24Ω18 23Ω56 | 3 <u>∞</u> 57 4 <u>∞</u> 00 | 8 m. 49 9 m. 00 | 28 II 20 28 II 06 | 23©01 22©35 | 25 Ω33 25 Ω11 | 5 ⊕ 16 5 ⊕ 20 | 9m.56 10m.07 | 29П15 29П01 | 24©03 23©37 | 26Ω48 26Ω27 | 6 ⊕ 35 | 11 m. 02 11 m. 13 |
| 27S | 26 II 56 | 219934 | 23 N 33 | 4 <u>₽</u> 00 | 9m.11 | 27 II 51 | 22509 | 24 \(\Omega 49 | 5 € 23 | 10m.18 | 28 II 46 | 23937 | 26Ω05 | 6≗43 | 11 m. 24 |
| 28S | 26II41 | 20540 | 23 № 09 | 4≗05 | 9m22 | 27II36 | 215641 | 24 226 | 5 ≙ 26 | 10m.29 | 28Д31 | 225643 | 25 € 43 | 6 ≙ 48 | 11m36 |
| 29S | 26П26 | 20@12 | 22Ω44 | 4≗07 | 9m33 | 27П20 | 215613 | 24 N 02 | 5≗30 | 10m.41 | 28 Д 15 | 22515 | 25 ₪ 19 | 6₽52 | 11m48 |
| 30S | 26II10 | 19543 | 22 Q 19 | 4 🕰 10 | 9m45 | 27Ⅲ04 | 20945 | 23 A 37 | 5 ≙ 33 | 10m.53 | 27П59 | 215546 | 24£055 | 6₽56 | 12m.00 |
| 31S 32S | 25 II 54 25 II 37 | 19514 18544 | 21 Ω 52 21 Ω 24 | 4 <u>0</u> 13 4 <u>0</u> 16 | 9m.57 10m.10 | 26 II 48 26 II 32 | 20©15 19©45 | 23 \Omega 10 22 \Omega 43 | 5 ≗ 37 5 ≗ 41 | 11m.05 11m.18 | 27 II 43 27 II 27 | 21©17 20©47 | 24 \Quad 30 24 \Quad 03 | 7 요 01 7 요 06 | 12 m 13 12 m 26 |
| 33S | 25 II 21 | 18912 | 20.055 | 4 <u>₽</u> 10 | 10 m 23 | 26 II 15 | 199343 | 22 N 15 | 5 <u></u> 45 | 11 m. 31 | 27 II 27 27 II 10 | 20916 | 23 N 35 | 7 ≗ 00 | 12 m 39 |
| 34S | 25 II 04 | 175640 | 20 û 25 | 4≗22 | 10m.36 | 25 II 58 | 18542 | 21 245 | 5 ≙ 49 | 11 m.45 | 26П53 | 195644 | 23 ຄ 07 | 7≏17 | 12 m 53 |
| 35S | 24П46 | 17907 | 19£653 | 4≏26 | 10m.50 | 25 Д41 | 18509 | 21Ω14 | 5 ≏ 54 | 11 m 59 | 26П35 | 19511 | 22£36 | 7 ≏ 22 | 13 m 07 |
| 36S | 24II28 | 16533 | 19 20 | 4 <u>0</u> 29 | 11 m 04 | 25 II 23 | 17935 | 20 A 42 | 5 2 59 | 12 m 13 | 26П17 | 18537 | 22 N 04 | 7≏28 | 13 m. 22 |
| 37S 38S | 24 Π 10 | 15©58 15©22 | 18 0 45 | 4 <u>0</u> 33 | 11 m. 18 11 m. 34 | 25 II 04 | 17500 | 20Ω07 19Ω31 | 6 요 04 6 요 09 | 12 m 28 | 25 II 59 | 18©01 17©25 | 21 £31 | 7 ≏ 35 7 ≏ 41 | 13 m. 37 13 m. 53 |
| 39S | 23 II 32 | 149644 | 17Ω29 | 4 <u>2</u> 37 | 11 m. 50 | 24 II 45 24 II 26 | 15946 | 18£51 | 6≗15 | 13 m. 00 | 25 II 20 | 16947 | 20 <i>λ</i> 130 | 7 48 | 14m.10 |
| 40S | 23 II 12 | 14905 | 16Ω48 | 4 <u>a</u> 46 | 12 m.06 | 24 11 06 | 15©07 | 18Ω13 | 6 ≙ 21 | 13 m. 17 | 25 11 00 | 16508 | 19Ω40 | 7 ≙ 56 | 14m.27 |
| 41S | 22 II 52 | 13525 | 16Ω05 | 4 <u>0</u> 51 | 12 m 23 | 23 II 46 | 14526 | 17.031 | 6≏27 | 13 m 34 | 24 II 40 | 15928 | 18£40 | 8 2 04 | 14m44 |
| 42S | 22 Д 31 | 12544 | 15Ω20 | 4≏56 | 12m.41 | 23 Д25 | 13545 | 16 N 46 | 6₽34 | 13 m 52 | 24П19 | 145646 | 18 <i>Q</i> 14 | 8 ≏ 12 | 15m.03 |
| 43S | 22 Π 09 21 Π 47 | 12©00 11©15 | 14 \O 31 | 5 ≏ 01 | 13 m.00 | 23 II 03 22 II 41 | 13501 | 15 0 0 9 | 6 2 41 | 14m.11 14m.31 | 23 II 57 23 II 34 | 14503 | 17Ω27 | 8 <u>₽</u> 21 | 15 m. 22 15 m. 42 |
| 448 | | | 13 \Omega 40 | 5 ⊕ 07 | 13 m 19 | | 12516 | 15Ω08 | 6 ≏ 49 | | | 13517 | 16Ω37 | 8 <u>0</u> 31 | |
| 45S 46S | 21 II 24 21 II 00 | 10©29 9©40 | 12Ω45 11Ω46 | 5 ⊕ 13 | 13 m.40 14 m.01 | 22 II 17 21 II 54 | 11©29 10©40 | 14Ω14 13Ω16 | 6 ♀ 58 7 ♀ 07 | 14 m. 52 15 m. 13 | 23 II 11 22 II 47 | 12©30 11©41 | 15Ω44 14Ω47 | 8요42 8요53 | 16m.03 |
| 47S | 20II36 | 8549 | 10 Ω 43 | 5 - 28 | 14 m. 23 | 21 П29 | 9549 | 12 \Omega 14 | 7 - 07 | 15 m 36 | 22 П 22 | 10950 | 13Ω46 | 9 2 05 | 16m49 |
| 48S | 20 п 10 | 7956 | 9ຄ36 | 5 2 36 | 14m.47 | 21 п 03 | 8956 | 11 A 07 | 7 2 27 | 16m.00 | 21 Д 56 | 9956 | 12040 | 9 ≏ 18 | 17m.13 |
| 498 | 19П44 | 7න01 | 8 Ω 24 | 5 ≏ 44 | 15 m 12 | 20П37 | 8501 | 9Ω56 | 7 ≏ 39 | 16m.26 | 21 Д30 | 9500 | 11 A 30 | 9 ≏ 33 | 17m39 |
| 50S | 19 I I16 | 6904 | 7£06 | 5 ≏ 54 | 15 m 38 | 20П09 | 7902 | 8 N 39 | 7 ≏ 52 | 16m.52 | 21 Д02 | 8502 | 10Ω13 | 9 <u>0</u> 49 | 18m.06 |
| 51S 52S | 18П48 18П18 | 5©03 4©00 | 5Ω42 4Ω11 | 6요05 6요17 | 16m.06 16m.36 | 19П40 19П11 | 6902 4958 | 7Ω15 5Ω44 | 8 요 06 8 요 21 | 17m21 17m51 | 20 II 33 20 II 03 | 7©01 5©56 | 8 N 50 7 N 20 | 10요06 10요26 | 18m35 19m05 |
| 53S | 17 I I47 | 2954 | 2032 | 6≗30 | 17m.07 | 18 I I40 | 3951 | 4 N 05 | 8 <u>a</u> 39 | 18m.23 | 19 II 32 | 49 | 5Ω41 | 10 2 48 | 19m37 |
| 54S | 17П15 | 19544 | 0Ω44 | 6 ≙ 45 | 17m.41 | 18П07 | 29541 | 2 A 18 | 8요59 | 18m.57 | 18П59 | 3 9 3 8 | 3 ⋒ 54 | 11 ≏ 12 | 20m12 |
| 55S | 16 I I42 | 0931 | 28\$46 | 7ჲ01 | 18m.17 | 17Д33 | 1 5 2 7 | 0ຄ20 | 9ჲ21 | 19m.33 | 18П25 | 2523 | 1 Q 56 | 11 ≙ 40 | 20m49 |
| 56S | 16 I I06 | 29 П 14 | 26538 | 7 <u>₽</u> 21 | 18m.55 | 16 II 58 | 0909 | 28511 | 9 <u>₽</u> 47 | 20 m 12 | 17П49 | 1905 | 29546 | 12 ₾ 11 | 21 m.28 |
| 57S 58S | 15 II 30 14 II 51 | 27 II 53 26 II 28 | 24©17 21©43 | 7요43 8요09 | 19 m. 37 20 m. 21 | 16 II 20 15 II 41 | 28 II 47 27 II 21 | 25©49 23©13 | 10 <u>2</u> 16 | 20 m. 54 21 m. 39 | 17 II 12 16 II 32 | 29 II 42 28 II 14 | 27©23 24©45 | 12 <u>⊕</u> 48 13 <u>⊕</u> 30 | 22 m 10 22 m 56 |
| 59S | 14 II 31 14 II 10 | 26 II 28 24 II 58 | 18954 | 8 <u>요</u> 40 | 20 m 21 | 15 II 41 15 II 00 | 25 II 50 | 23913 | 11 2 31 | 21 IL 39 22 m 27 | 15 II 51 | 26 II 42 | 249943 | 13 2 30 | 22 m 45 |
| 60S | 13 Д 27 | 23 П 24 | 15©48 | 9 2 18 | 22 m.02 | 14 П 17 | 24П14 | 17©11 | 12≗21 | 23 m. 20 | 15 I I07 | 25 П 05 | 18538 | 15 ≏ 21 | 24 m 38 |
| 61S | 12 II 42 | 21 II 44 | 12524 | 10 △ 04 | 22 m 59 | 13 Д32 | 22 Д 32 | 13543 | 13 ₾ 21 | 24 m 18 | 14 Д 21 | 23 П22 | 15905 | 16 - 35 | 25 m 35 |
| 62S | 11 Д 55 | 19П58 | 89641 | 11 ₾ 02 | 24m.01 | 12 Д 44 | 20П45 | 9954 | 14≏37 | 25 m 20 | 13 Д 33 | 21 Д33 | 11509 | 18 2 08 | 26m38 |
| 63S 64S | 11 п 04 10 п 11 | 18II 07 | 4୭38 0୭14 | 12 ♀ 17 13 ♀ 59 | 25 m 09 | 11 Д 53 10 Д 59 | 18耳52 16耳52 | 5 9 43 | 16 ≏ 15 | 26m29 27m44 | 12П41 11П47 | 19Д38 17Д36 | 6 න 51 2 න 09 | 20 ♀ 07 22 ♀ 45 | 27m47 29m03 |
| | | 16 11 09 | | | 26 m 24 | | | | 18 <u>0</u> 27 | | | | | | |
| 65S 66S | 9П14 8П14 | 14 II 05 11 II 54 | 25 II 31 20 II 30 | 16⊕25 20⊕10 | 27 m.48 29 m.20 | 10 II 01 9 II 00 | 14 II 46 12 II 32 | 26 II 17 21 II 04 | 21 △ 33 26 △ 14 | 29 m. 08 0 x 41 | 10П49 9П47 | 15 Д27 13 Д11 | 27 II 05 21 II 40 | 26 <u>⊕</u> 26 1 m.51 | 0 ₹ 27 2 ₹ 00 |
| pc | 7 I I38 | 10 Д 37 | 17 II 34 | 23 ₾ 16 | 0 ₹ 17 | 8П24 | 11 II 14 | 18 II 02 | 0m.01 | 1 🗷 38 | 9Д47 | 11Д51 | 18 I I30 | 6m.07 | 2×100 |
| Calcula | | | | | | | | | | | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| 186 | : 68°0 | °00' | C: 68° | MC: | 2m AR 39'39 | ne: 4h32 9П3 | Sid.Tir MC: | °00' | CMC: 67 | 8m AR 3'18 | | Sid.Tir MC: | °00' | MC: 66 | 4m AR 6'50 | | Sid.Tir MC: | |
|--|----------|------------------|--------------------|---------------|---------------------|-----------------|----------------|---------|----------------|---------------|----------|----------------|---------|----------------|----------------|---------|-----------------|-----|
| 18 | | 3 | 2 | 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | Lat |
| 28 5900 3,005 3,944 6,937 8,108 6,949 3,464 4,937 7,464 9,118 6,949 3,464 4,937 7,464 9,118 6,434 5,418 5,793 3,428 4,925 7,249 9,166 6,933 4,927 5,931 6,931 4,937 7,466 6,933 4,927 5,931 6,931 4,187 2,241 3,906 6,435 9,107 5,921 4,907 7,666 6,933 4,127 5,931 6,931 8,18 8,901 2,033 9,936 6,645 9,108 5,901 2,033 9,901 6,645 9,108 5,901 2,035 1,021 4,949 2,014 3,938 8,002 1,013 7,444 9,005 6,645 9,103 4,942 1,114 3,938 8,002 1,001 1,144 4,943 108 3,003 0,035 2,905 6,645 9,103 4,922 1,142 3,938 8,002 1,001 3,932 4,905 | :42 10 | 10 m | 8 ≙ 42 1 | 8മ₄ | 6 m/ 13 | 5 ณ 38 | 7520 | 9 m 23 | 7 ≏ 37 | 5 m, 10 | 4£39 | 6925 | 8 m. 22 | 6₽32 | 4 m, 06 | 3 N 41 | 5ഇ30 | 0S |
| 38 48945 2.0429 3.020 6.042 8.18-6 5.98-8 3.026 4402 7.04-0 91.56 6.045 5.98-1 5.98 3.02 4425 7.04-0 91.56 6.045 5.98-1 5.98 3.010 4411-7 7.02 10.01 6.045 91.02 5.92 3.010 4411-7 7.02 10.01 6.01 6.00 3.01 7.02 10.01 6.00 3.01 7.02 10.01 6.00 3.01 4.00 7.05 10.01 5.95 3.01 4.00 7.05 10.01 5.95 3.01 4.00 7.05 10.01 5.90 3.01 4.00 7.05 10.01 5.90 3.01 4.00 7.05 3.00 7.00 3.00 7.00 3.00 3.00 7.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 <td></td> <td>10 m</td> <td></td> | | 10 m | | | | | | | | | | | | | | | | |
| 48 4942 2,029 38,20 6442 5,048 38,21 48,20 7449 91.05 6833 41,22 38,31 88,32 18,11 20,005 68,468 18,11 22,20 68,468 88,001 2,233 48,002 72,33 38,40 66,34 91.00 56,11 49,007 73,60 18,11 66,00 38,00 73,60 18,11 68,00 2,233 88,00 18,33 88,00 19,33 88,00 18,33 88,00 19,30 88,00 18,33 88,00 19,30 88,00 18,33 88,00 10,10 89,00 18,33 88,00 10,10 98,00 18,33 88,00 10,10 88,00 20,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 89,10 18,44 | | 10 m | | | | | | | | _ | | | | | | | | |
| 85 46930 2,211 3,008 6,048 9,002 5,002 3,010 4,017 7,652 10,000 3,003 5,000 78 4000 1,033 20,444 6,031 9,018 5,000 2,033 3,055 1,011 5,000 3,013 4,957 88 3,045 1,014 2,033 6,043 9,025 4,049 2,114 3,383 8,000 1,001 5,000 3,414 4,957 98 3,042 0,016 1,035 7,002 9,014 4,025 1,135 3,900 8,013 1,003 2,003 2,003 4,004 4,000 0,017 2,000 8,001 1,000 2,003 4,000 1,000 1,000 1,000 4,000 0,017 2,000 8,001 1,000 2,003 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 <th< td=""><td></td><td>10 m.</td><td></td><td></td><td>1.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | | 10 m. | | | 1.5 | | | | | | | | | | | | | |
| 68 468 1.652 2956 6.048 98.10 5.041 2.051 4.092 7.056 108.12 6.090 3.651 3.095 88 88 3654 1.614 2.931 6.053 98.27 4.097 2.014 3.38 8.002 108.29 5.057 3.033 4.957 5.083 3.083 0.075 0.055 2.018 6.055 98.23 4.025 3.025 3.086 108.38 5.032 2.025 4.933 3.085 3.080 10.085 5.032 2.025 4.933 3.085 3.006 10.083 5.032 2.025 4.933 3.085 3.006 10.083 5.032 2.025 4.933 3.085 3.006 10.083 5.032 2.025 4.933 3.085 3.006 10.083 5.002 2.026 4.921 3.002 | | | | | | | | | | | | | | | | | | |
| 78 46906 1833 2 my4 6451 9818 6953 36954 1014 2 mils 6655 9827 4694 2014 3 mils 8002 1002.0 5645 3014 4mg4 4mg4 98 3 mod 0.036 2 mod 6.659 98.35 4mg7 1,165 3 mg2 6802 100.16 4mg4 4mg4 108 3 mod 0.036 2 mod 6.659 98.34 4mg2 1 4mg4 4mg4 4mg4 118 3 mod 0.036 2 mod 6.659 98.34 4mg4 | | 11 m | | | | | | | | - | | | | | - | | | |
| 98 3942 0.655 2 hg 18 6.656 98.35 49.37 1.655 39.06 8.066 108.38 59.32 2.655 49.31 118 3.017 0.016 1 hg 25 7.002 98.52 49.12 1.016 3.000 88.013 108.55 5.008 2.017 49.00 128 3.015 2.0456 1 hg 37 7.02 98.52 49.12 1.016 3.000 88.013 108.55 5.008 2.017 49.00 128 3.015 2.0456 1 hg 37 7.02 108.19 3.045 0.017 7.02 7.02 88.01 118.13 4.053 1.017 3.056 128 2.029 2.0916 1 hg 10 7.012 108.19 3.045 0.016 7.02 2.008 2.017 4.009 1.017 3.056 128 2.029 2.0916 1 hg 10 7.012 108.19 3.045 0.016 7.02 2.008 2.014 4.043 1.037 3.043 148 2.029 2.0916 1 hg 10 7.012 108.19 3.045 0.016 7.02 2.008 2.014 4.014 4.014 4.024 4.035 3.016 158 2.021 2.029 2.025 0.055 7.015 108.02 3.025 2.006 8.028 1.017 3.090 3.008 3 | | 11 m | | | | | | | | _ | | | | | | | | |
| 108 | | 11 m | | 9ჲ! | | | | 10m29 | 8요02 | | | 45649 | | | | | | 8S |
| 188 3-917 0.016 1mg-52 7-0.02 9m.52 4-912 0.057 2-947 3-940 3-941 3-940 3-941 3-94 | :15 11 | 11 m | 9മ15 1 | 9 쇼 1 | 4 m/ 33 | 2255 | 5932 | 10m38 | 8₽06 | 3 m, 26 | 1 2 5 5 | 4937 | 9m35 | 6₽56 | 2 m/18 | 0Ω55 | 3942 | 9S |
| 128 129 | | 11 m | | | ٠, | | | | | - | | | | | - | | | |
| 188 | | 11 m | | | | | | | | | | | | | | | | |
| 148 | | 12 m 12 m | | | | | | | | | | | | | | | | |
| 185 2.0217 28955 0.955 7.415 0.02.3 3822 2965 2.966 8.222 118.11 4677 0.037 3906 185 2601 286212 0.925 7.422 101.60 22631 1.951 8.432 118.41 4504 0.035 3902 188 1648 27028 0.965 7.422 101.60 2293 28051 1.951 8.404 12.10 3625 2931 218 208 1621 27028 29.635 7.433 118.10 2907 0.949 8.404 12.10 3625 29031 2918 218 1607 2642 29.818 7.437 118.11 49.01 2.441 118.30 12.92 20.02 3.038 12.11 2.909 2.908 2.023 2.023 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 2.203 <td></td> <td>12 m</td> <td></td> | | 12 m | | | | | | | | | | | | | | | | |
| 168 | | 12 m. | | | | | | | | | | | | | | | | |
| 178 2901 28012 27025 27090 74.26 10m.46 2956 29013 1m.56 8.046 1m.50 3951 0.014 2748 188 1988 2758 27090 74.26 10m.55 290.38 28651 1m.50 8.044 12m.10 3925 290.31 2m.18 2005 1921 27902 290.28 7.033 1m.16 2902 27944 0.032 28.04 12m.10 3925 290.31 2m.18 2005 1921 27902 290.18 7.033 1m.16 2902 27944 0.032 28.04 12m.10 3925 290.31 2m.18 2005 290.21 2m.18 2m.28 2m.2 | | 12 m | | | | | | | | - | | | | | | | | |
| 1985 | | 12 m | | | 2 m/48 | 1 | | | | 1 m/36 | | | | | | | | 17S |
| 208 | | 13 m | | | | | | | | | | | | | | | | |
| 1860 | | 13 m | | | | | | | | | | | | | | | | |
| 228 0@53 26@18 29.00 7.44 11m.36 1948 27.20 0m.15 8.458 12m.41 2.44 2.6924 1.4930 2.6954 2.6956 2.9057 9.063 12m.52 2.6932 2.7934 0m.55 1.792 2.6932 2.9039 9.08 13m.03 2.2955 2.7934 0m.55 1.792 2.6932 2.9039 9.08 13m.03 2.2955 2.7934 0m.55 1.792 2.6958 2.9039 9.08 13m.03 2.2955 2.7934 0m.55 1.792 2.6958 2.9039 2.6932 2.9039 9.08 13m.03 2.2955 2.7934 0m.55 1.792 2.792 2.792 2.7944 2.792 2.7944 3.795 2.7914 2.792 2.7944 2.792 2.7944 2.792 2.7944 2.792 2.7944 2.792 2.7944 2.792 2.7944 2.794 2.792 2.7944 2.794 | | 13 m | | | | | | | | | | | | | | | | |
| 33S 0@39 25654 28,042 7a.60 11m.66 1g.34 26656 29,037 9a.08 12m.52 27g.38 1mp.12 25S 0.0210 25604 28,004 7a.54 12m.08 12m.08 29,039 9a.08 13m.03 2g.15 27g.34 0mp.5 12m.08 268 29156 24g.39 270.48 7a.54 12m.08 12m.08 25604 290.00 9a.13 13m.14 2601 27g.08 0mp.18 12m.09 0mp.36 25644 290.00 9a.13 13m.12 260.44 20g.08 12m.09 20m.03 258.14 290.00 9a.13 13m.25 14m.04 20g.08 12m.09 20m.03 258.12 20m.03 20m.03 258.12 27m.03 9a.04 14m.10 10m.04 24m.03 20m.03 28m.03 23m.04 24m.01 25m.03 23m.03 23m.03 23m.03 22m.03 22m.03 23m.03 23m.03 23m.03 23m.03 23m.03 23m.03 23m.03 | | 13 m 13 m | | | | | | | | | | | | | | | | |
| 25S 0 © 10 25 © 40 28 Qu 4 7 & 54 1 2 m 0 266 2 m 20 9 a 13 1 3 m 14 2 g 01 2 7 g 09 0 m 3 d 1 2 m 0 2 6 g 2 m 3 2 7 m 2 m 2 m 0 2 m 3 m 2 m 2 m 0 2 m 1 2 m 2 m 2 m 0 2 m 1 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 | | 13 m | | | | | | | | | | | | | | | | |
| 268 29T.56 244.39 27.043 7a.59 12m.19 0.051 25.641 29.00 9a.19 13m.25 1.643 2.6433 0.011 29.52 28.21 2.942 23m.45 27.00 8a.09 12m.43 0.021 2.4547 2.8418 9a.30 13m.49 1.61 2.5502 29.037 2.952 2.9110 2.3547 2.6038 8a.14 12m.55 0.050 2.4520 27.056 9a.36 14m.01 1.60 0.5442 2.80.14 3.00 2.9749 2.3611 2.80.13 1.8133 2.9113 2.70.33 9.422 14m.14 0.611 2.60 2.80.14 3.00 2.9749 2.361 2.80.14 2.80.25 1.80.24 2.9114 2.60 2.60 2.60 3.00 2.80.24 2.81.24 2.60 3.00 3.00 2.80.25 2.80.06 1.80.24 2.91.44 2.40.25 2.80.06 1.80.24 2.91.44 2.40.25 2.80.06 1.80.25 2.60.14 2.80.25 2.80.06 1.80.25 | 26 14 | 14 m | 0 ≙ 26 1 | 10 ₾2 | 0 m ₂ 55 | 27534 | 2515 | 13 m 03 | 9☎08 | 29 A 39 | 26532 | 1 5 2 0 | 11m.57 | 7≗50 | 28⋒23 | 25@30 | 0ഇ25 | 24S |
| 288 29 11 24 21 27 27 22 8 8 04 12 31 0936 25 21 4 28 07 9 20 1 3 1 37 1 1931 26 21 7 29 28 28 29 110 23 23 4 27 20 8 8 29 12 1 26 33 8 14 12 18 5 0 20 5 24 20 27 0 5 6 9 3 6 14 10 1 190 25 23 29 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 14 m | | 10ഫ3 | 0 mg 36 | | 2501 | | | | | 1506 | | | | | | 25S |
| 288 29 m 25 23 m 25 27 m 0 80 p 12 m 3 0 m 21 24 m 24 28 m 18 9 m 30 13 m 49 1 m 50 25 m 20 29 m 37 2 m 30 29 m 10 23 m 17 26 m 38 8 m 41 1 m 57 29 m 49 23 m 51 27 m 30 9 m 41 1 m 00 25 m 23 29 m 10 2 m 24 2 m 44 0 m 44 2 m 45 2 m 40 3 m 30 28 m 21 2 m 49 2 m 40 8 m 20 1 m 07 29 m 30 2 m 22 2 m 10 9 m 49 1 m 17 0 m 28 2 m 24 2 m 20 | | 14 m | | | | | | | | | | | | | | | | |
| 298 29 10 23 25 7 26 23 8 8 14 12 12 25 12 20 27 25 25 25 25 25 25 25 | | 14 m. | | 10요4 | | | | | | | | | | | | | | |
| 305 28\tau 5 22\tau 49 26\tau 14 8\tau 20 13\tau 07 29\tau 49 23\tau 51 27\tau 33 9\tau 42 14\tau 14 0\tau 44 24\tau 55 28\tau 53 31\tau 22 29\tau 33 23\tau 22 27\tau 10 9\tau 49 14\tau 17 0\tau 22 24\tau 25 28\tau 35 32\tau 25 27\tau 10 9\tau 49 14\tau 17 0\tau 21 23\tau 55 28\tau 30 33\tau 22 27\tau 10 9\tau 49 14\tau 17 0\tau 21 23\tau 55 28\tau 30 33\tau 22 27\tau 10 9\tau 49 14\tau 14 0\tau 11 0\tau 1 | | 15 m | | | | | | | | | | | | | | | | |
| 31S 28 m 38 22 early 25 Ag 49 8 Ag 25 13 m 20 29 m 33 23 m 20 27 Al 0 9 Ag 49 14 m 27 0 eg 25 28 Ag 30 23 m 20 26 Ag 35 28 m 21 2 g 26 Ag 45 9 Ag 56 14 m 41 0 m 31 23 m 25 28 m 20 23 m 20 26 Ag 45 26 Ag 45 24 m 20 27 m 41 1 m 20 23 m 25 28 m 20 27 m 21 26 Ag 45 1 m 20 24 m 21 29 m 37 22 m 21 26 Ag 45 1 m 20 29 m 37 22 m 22 27 m 41 1 m 20 35S 27 m 10 20 m 31 23 m 28 8 m 44 1 m 10 20 m 21 25 m 22 1 m 20 22 m 21 20 m 37 22 m 21 20 m 37 22 m 21 20 m 37 22 m 21 22 m 21 24 m 41 21 m 45 25 m 24 24 m 45 1 m 20 22 m 21 22 m 21 24 m 41 22 m 22 1 m 20 22 m 21 1 m 20 27 m 29 1 m 20 23 m 21 1 m 20 22 m 10 22 m 21 22 m 21 24 m 21 24 m 21 24 m 21 | | 15 m | | | | | | | | | | | | | | | | |
| 33S 28 mos 2 mos 2 mos 3 mos 2 mos | | 15 m | | | | | | | | | | | | | | | | |
| 348 27\pi 47 20\pi 46 24\pi 28 8\pi 44 14\pi 01 28\pi 42 21\pi 49 25\pi 51 10\pi 11 15\pi 09 29\pi 37 22\pi 52 27\pi 14 13\pi 55 27\pi 13 23\pi 59 8\pi 51 14\pi 16 28\pi 42 21\pi 16 25\pi 22 20\pi 19 15\pi 24 29\pi 19 22\pi 19 26\pi 47 37\pi 36\pi 37\pi 12 19\pi 39 23\pi 28 8\pi 58 14\pi 14 28\pi 16 20\pi 42 24\pi 52 24\pi 25 10\pi 19 15\pi 24 29\pi 19 26\pi 47 37\pi 36\pi 37\pi 19\pi 42 22\pi 55 9\pi 05 14\pi 46 27\pi 48 20\pi 07 24\pi 21 10\pi 36 15\pi 55 28\pi 14 31\pi 10 25\pi 47 38\pi 32\pi 11 31\pi 50 21\pi 45 9\pi 25 15\pi 19 27\pi 99 30 23\pi 47 10\pi 36 16\pi 12 28\pi 19 25\pi 47 38\pi 36 26\pi 15 17\pi 50 21\pi 45 9\pi 22 15\pi 19 27\pi 99 18\pi 35 23\pi 42 10\pi 55 16\pi 18 28\pi 10 29\pi 37 22\pi 50 44\pi 48 41\pi 36 25\pi 15 17\pi 11 21\pi 07 9\pi 31 15\pi 60 27\pi 19\pi 30 23\pi 47 10\pi 36 16\pi 18 28\pi 10 29\pi 37 24\pi 30 43\pi 51 42\pi 36 43\pi 36 43\pi 51 43\pi 5 | | 15 m | | 11 ₾2 | | | | | | | | | | | | | | |
| 358 27 130 20 20 23 23 259 8 251 14 116 28 12 21 25 62 22 10 21 15 15 20 20 10 22 25 10 22 25 10 22 25 10 22 25 10 22 25 10 22 25 25 25 25 25 25 2 | | 16m | | | | | | | | | | | | | | | | |
| 368 27 11 19 39 23 22 8 8 14 13 14 13 14 15 15 15 15 15 15 14 16 15 14 15 15 15 15 15 15 | | 16m | | 11 ₾3 | | | | | | | | | | | | | | |
| 378 26 26 27 19 24 22 25 9 26 14 14 46 27 14 20 20 24 21 10 24 21 10 25 24 21 25 24 25 25 25 25 25 25 | | 16m 16m | | | | - | | | | | | | | | | | | |
| 388 26 26 26 26 27 29 29 27 29 19 27 27 29 19 23 23 247 10 245 16 26 28 24 24 24 24 24 24 24 | | 17 m | | | | | | | | | | | | | | | | |
| 408 25π55 17s11 21Ω07 9±31 15π36 26π49 18s14 22Ω35 11±05 16π45 27π44 19s17 24Ω04 14S 25π34 16s30 20Ω26 9±40 15π54 26π28 17s33 21Ω55 11±16 17π04 27π23 18s36 23Ω25 14S 25π13 15s48 15s48 19Ω43 9±50 16m13 26π07 16s51 21Ω13 11±28 17m23 27π01 17s54 22Ω44 14S 24π28 14s19 18Ω08 10±13 16m53 25π25 15s22 19Ω40 11±54 18m03 26π39 17s10 22Ω00 14S 24π28 14s19 18Ω08 10±13 16m53 25π22 15s22 19Ω40 11±54 18m03 26π39 17s10 22Ω00 14S 23π16 11s51 15Ω20 10±35 17m14 24π59 14s34 18Ω49 12±08 18m25 25π53 15s37 20Ω24 14s8 22π25 15s22 19Ω40 11±54 18m03 25π28 14s47 19Ω30 14s8 22π25 10±057 14Ω15 11±09 18m25 23π43 11±05 15Ω20 10±57 14Ω15 11±09 18m25 23π43 11±02 14Ω43 13±19 20m03 24π10 12±04 16Ω22 10±13 13±05 18Ω30 13±19 20m03 24π10 12±04 16Ω22 15±19 25±19 13±19 25±19 15± | | 17 m | | 12 ₾ 1 | 25Ω14 | 1 | 28 Д 23 | | | | | | | | 22 N 21 | | 26II34 | |
| 41S 25 3 4 16 30 20 20 6 9 40 15 5 4 26 12 8 17 3 3 21 25 5 11 16 1 7 10 4 27 12 3 18 3 6 23 2 5 1 42 5 25 11 3 15 3 4 19 2 4 3 9 2 5 16 10 13 26 110 7 16 3 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 3 1 1 1 1 | 27 17 | 17 m | 2요27 1 | 12 ₾ 2 | 24 N 40 | 19556 | 28П04 | 16m28 | 10≗55 | 23 A 12 | 18953 | 27П09 | 15 m 19 | 9₽22 | 21 A 45 | 17950 | 26 II 15 | 39S |
| 42S 25 13 15 248 19.44 9.650 16 13 26 10 16 25 21.013 11 16.28 17 17 23 27 10 17 25 22.044 438 24 15 15 205 18.057 10.01 16 16 13 25 14 16 20 25 10.02 11 10.02 10.02 10.02 10.02 17 10.02 10.02 17 10.02 10.02 17 10.02 17 10.02 10.02 17 10.02 | | 17 m | | | | | | | | | | | | | | | | |
| 438 24π51 15∞05 18ω57 10∞01 16m33 25π45 16∞07 20ω28 11∞40 17m43 26π39 17∞10 22ω00 14x85 24π28 14∞19 18ω08 10∞13 16m53 25π22 15∞22 19ω40 11∞54 18mω3 26π16 16∞25 21ω14 14x85 24π05 13∞32 17ω16 10∞25 17m14 24π59 14∞34 18ω49 12∞08 18m25 25π53 15∞37 20ω24 14ω24 12∞42 16ω20 10∞39 17m37 24π34 13∞45 17ω54 12∞44 18m48 25π28 14∞47 19ω30 14ω24 15ω20 10∞57 14ω15 11∞09 18m25 23π43 11∞59 15ω25 12∞41 19m12 25π30 13∞55 18ω30 17ω30 14ω26 18m51 23π16 11∞02 14ω43 13∞19 20m03 24π10 12∞04 16ω22 12ω53 16ω55 12∞45 12∞41 19m12 25π40 16ω22 12ω53 12ω55 12ω55 12ω55 12ω55 12ω54 11ω50 17ω30 17ω30 12ω07 14ω45 13∞19 20m03 24π10 12∞04 16ω22 12ω53 12ω55 12ω55 12ω55 12ω55 12ω55 12ω54 11ω50 17ω30 17ω30 17ω30 12ω07 14ω45 13ω19 20m03 24π10 12ω04 16ω22 12ω53 12ω55 | | 18 m | | - | | | | | | | | | | | | | | |
| 44S 24π28 14Φ19 18 008 10Φ13 16π53 25π22 15Φ22 19 040 11 ±54 18π03 26π16 16Φ25 21 041 45S 24π05 13 ± 32 17 016 10 ± 25 17 m.14 24 m.59 14 ± 34 18 0.49 12 ± 08 18 m.25 25 π.53 15 ± 37 20 0.24 46S 23 π.16 11 ± 51 15 0.20 10 ± 33 18 m.00 24 π.94 13 ± 45 17 0.54 12 ± 24 18 m.48 25 π.28 14 ± 47 19 0.30 14 0.33 13 ± 55 18 0.32 14 0.33 13 ± 55 18 0.32 14 0.33 14 ± 47 19 0.30 14 0.33 14 0.34 13 ± 45 17 0.54 12 ± 41 19 m.12 25 π.03 13 ± 55 18 0.32 14 0.33 14 0.34 13 ± 45 19 m.12 25 π.03 13 ± 55 18 0.32 14 0.34 13 ± 45 19 m.13 24 π.37 13 ± 30 14 0.33 13 ± 45 19 m.13 24 π.37 24 π.37 13 ± 30 14 0.33 13 ± 45 19 m.37 24 π.37 13 ± 30 </td <td></td> <td>18 m.</td> <td></td> <td></td> <td>1</td> <td></td> | | 18 m. | | | 1 | | | | | | | | | | | | | |
| 45S 24π05 13 ± 32 17 £ 16 10 ± 25 17 m 14 24 π 59 14 ± 34 18 £ 34 12 ± 08 18 m 25 25 π 53 15 ± 37 20 £ 24 46S 23 π 41 12 ± 42 16 £ 020 10 ± 39 17 m 37 24 π 34 13 ± 45 17 £ 054 12 ± 24 18 m 48 25 π 28 14 ± 47 19 £ 30 13 £ 24 12 £ 24 18 £ 31 18 £ 32 14 ± 48 14 ± 48 19 £ 30 14 ± 48 19 £ 30 14 ± 48 15 £ 30 14 £ 48 14 £ 48 14 £ | | 19 m | | 13 = 3 | | | | | | | | | | | | | | |
| 46S 23 π 41 12 5 42 16 Ω 20 10 6 39 17 m 37 24 π 34 13 5 45 17 Ω 5 4 12 6 24 18 m 48 25 π 28 14 5 47 19 Ω 30 14 7 8 23 π 16 11 5 5 1 15 Ω 20 10 6 5 3 18 m 00 24 π 09 12 5 5 3 16 Ω 5 5 12 6 4 1 19 m 12 25 π 03 13 5 5 5 18 Ω 32 18 Ω 32 14 Ω 15 11 6 09 18 m 25 23 π 16 11 5 Ω 5 5 12 6 0 1 19 m 19 24 π 3 11 6 5 9 15 Ω 5 2 12 6 5 9 19 m 37 24 π 37 13 5 01 17 Ω 30 14 Ω 3 3 π 10 19 m 19 22 π 48 10 5 03 13 Ω 28 13 Ω 41 20 m 33 23 π 41 11 5 0 4 15 Ω 09 15 Ω 1 π 20 14 Ω 43 13 Ω 41 20 m 31 23 π 41 11 Ω 5 0 16 Ω 22 13 Ω 49 15 Ω 1 π 20 14 Ω 43 13 Ω 41 20 m 31 23 π 41 11 Ω 5 0 16 Ω 22 13 Ω 49 15 Ω 5 2 12 Ω 5 0 13 Ω 40 15 Ω 30 14 Ω 40 15 Ω 40 15 Ω 30 18 Ω 40 15 Ω 30 14 Ω 40 | .51 19 | 19 m | 3 ₾ 51 1 | 13 ₾ 5 | | 15937 | 25 Π 53 | 18m.25 | 12 ₾ 08 | 18.0.49 | 14934 | | 17m.14 | 10 ₾ 25 | | 13932 | 24 ∏ 05 | 45S |
| 48S 22 π 50 10 557 14 Ω 15 11 ± 09 18 π 25 23 π 43 11 599 15 Ω 52 12 ± 59 19 π 37 24 π 37 13 ± 01 17 Ω 30 14 498 22 π 23 10 ± 01 13 ± 05 11 ± 26 18 π 51 23 π 16 11 ± 02 14 Ω 43 13 ± 19 20 π 03 24 π 37 13 ± 01 17 Ω 30 16 Ω 22 15 Ω 52 12 ± 50 19 π 37 24 π 37 13 ± 01 17 Ω 30 16 Ω 22 18 π 51 23 π 16 11 ± 02 14 Ω 43 13 ± 19 20 π 03 24 π 10 12 ± 04 16 Ω 22 16 Ω 22 16 Ω 22 18 π 10 19 π 37 24 π 37 13 ± 01 16 Ω 22 18 π 10 19 π 37 24 π 37 13 ± 01 16 Ω 22 18 π 10 18 π 10 18 π 10 18 π 10 18 π | :09 19 | 19 m | 4 🖴 09 📗 1 | 14요(| 19⋒30 | | 25П28 | | | | | | | | 16£20 | | | |
| 498 22 π 23 10 Φ 01 13 Ω 05 11 ± 26 18 π 51 23 π 16 11 ± 02 14 Ω 43 13 ± 19 20 π 03 24 π 10 12 ± 04 16 Ω 22 15 Ω 09 508 21 π 55 9 Φ 02 11 Ω 50 11 ± 45 19 π 19 22 π 48 10 ± 03 13 Ω 28 13 ± 41 20 π 31 23 π 41 11 ± 04 15 Ω 09 15 Ω 09 15 Ω 10 23 π 12 10 ± 02 13 Ω 49 15 Ω 09 12 Ω 07 14 ± 05 21 π 00 23 π 12 10 ± 02 13 Ω 49 15 Ω 09 25 Ω 10 Ω 38 14 ± 32 21 π 00 23 π 12 10 ± 02 13 Ω 49 15 Ω 09 23 π 12 10 ± 02 13 Ω 49 15 Ω 02 22 π 04 22 π 10 23 π 11 10 ± 02 13 Ω 49 15 Ω 02 22 π 04 22 π 10 23 π 12 10 ⊕ 02 13 Ω 49 15 Ω 02 22 π 04 22 π 10 23 π 11 10 ⊕ 03 13 Ω 11 13 Ω 03 13 Ω 11 | | 20 m | | | | | | | | | | | | | | | | |
| 50S 21 π 55 9 © 02 11 Ω 50 11 Ω 45 19 π 19 22 π 48 10 © 03 13 Ω 28 13 Ω 41 20 π 31 23 π 41 11 © 04 15 Ω 09 15 Ω 09 15 Ω 10 23 π 12 10 © 02 13 Ω 49 15 Ω 09 13 Ω 49 15 Ω 09 13 Ω 49 15 Ω 09 13 Ω 49 15 Ω 09 15 Ω 09 15 Ω 09 23 π 12 10 © 02 13 Ω 49 15 Ω 09 15 Ω 09 23 π 12 10 © 02 13 Ω 49 15 Ω 09 15 Ω 09 23 π 12 10 © 02 13 Ω 49 15 Ω 09 15 Ω 09 23 π 12 10 © 02 13 Ω 49 13 Ω 49 15 Ω 09 23 π 12 10 © 02 13 Ω 49 15 Ω 09 13 Ω 49 15 Ω 09 13 Ω 49 13 Ω 40 15 Ω 09 13 Ω 40 15 Ω 00 15 Ω 00 15 Ω 00 15 | | 20 m. | | 14 <u>⊕</u> 4 | | | | | | | | | | | | | | |
| 51S 21π26 8500 10Ω27 12±06 19π48 22π19 9501 12Ω07 14±05 21π00 23π12 10502 13Ω49 1528 52S 20π56 6555 8Ω58 12±29 20π19 21π48 7555 10Ω38 14±32 21π31 22π41 8566 12Ω21 1538 53S 20π24 5547 7Ω20 12±55 20m51 21π17 6547 9Ω01 15±02 22π04 22π09 7547 10Ω45 1 54S 19π51 4536 5Ω33 13±27 22m03 20π04 4534 7Ω14 15±35 22m40 21π36 6534 8Ω59 1 55S 19π17 3520 3Ω35 13±57 22m03 20π09 4518 5Ω16 16±13 23m17 21π01 5517 7Ω01 1 56S 18π41 2501 1Ω24 14±35 22m43 19π33 2558 3Ω66 16±56 23m57 20 | | | | | | | | | | | | | | | | | | |
| 52S 20 π 56 6 ⊕ 55 8 α 58 12 ⊕ 29 20 π 19 21 π 48 7 ⊕ 55 10 α 38 14 ⊕ 32 21 π 31 22 π 41 8 ⊕ 56 12 α 21 1 53S 20 π 24 5 ⊕ 47 7 α 20 12 ⊕ 55 20 π 51 21 π 17 6 ⊕ 47 9 α 01 15 ⊕ 02 22 π 04 22 π 09 7 ⊕ 47 10 α 45 1 54S 19 π 51 4 ⊕ 36 5 α 33 13 ⊕ 24 21 π 26 20 π 44 5 ⊕ 34 7 α 14 15 ⊕ 35 22 π 40 21 π 36 6 ⊕ 34 8 α 59 1 55S 19 π 17 3 ⊕ 20 3 α 35 13 ⊕ 57 22 π 03 20 π 09 4 ⊕ 18 5 α 16 16 ⊕ 13 23 π 17 21 π 01 5 ⊕ 17 7 α 01 1 56S 18 π 41 2 ⊕ 01 1 α 24 14 ⊕ 35 22 π 43 19 π 33 2 ⊕ 58 3 α 06 16 ⊕ 56 23 π .57 20 π 25 3 ⊕ 55 4 α 51 1 2 π 10 2 π | | 21 m. 22 m. | | | | | | | | | | | | | | | | |
| 53S 20 Π24 5 5 47 7 Ω 20 12 ± 55 20 π 51 21 π 17 6 5 47 9 Ω 01 15 ± 02 22 π 04 22 π 04 22 π 09 7 5 47 10 Ω 45 5 48 19 π 51 4 5 36 5 Ω 33 13 ± 24 21 π 26 20 π 44 5 5 34 7 Ω 14 15 ± 35 22 π 40 21 π 36 6 5 34 8 Ω 59 1 55S 19 π 17 3 ± 20 3 Ω 35 13 ± 57 22 π 03 20 π 09 4 ± 18 5 Ω 16 16 ± 13 23 π 17 21 π 01 5 ± 17 7 Ω 01 1 56S 18 π 41 2 ± 01 1 Ω 24 14 ± 35 22 π 43 19 π 33 2 ± 58 3 Ω 06 16 ± 13 23 π .57 20 π 25 3 ± 55 4 Ω 51 7 Ω 01 7 ∑ 01< | | 22 m | | | | | | | | | | | | | | | | |
| 55S 19 π 17 3 © 20 3 Ω 35 13 ω 57 22 m 03 20 π 09 4 ω 18 5 Ω 16 16 ω 13 23 m 17 21 π 01 5 ω 17 7 Ω 01 1 5 ω 18 56S 18 π 41 2 ω 01 1 Ω 24 14 ω 35 22 m 43 19 π 33 2 ω 58 3 Ω 06 16 ω 56 23 m 57 20 π 25 3 ω 55 4 Ω 51 1 ω 33 2 ω 58 3 Ω 06 16 ω 56 23 m 57 20 π 25 3 ω 55 4 Ω 51 1 ω 5 ω 7 7 Ω 01 1 ω 5 ω 7 7 Ω 01 2 ω 20 | 08 23 | 23 m | 7 🖴 08 2 | 17≗(| 10⋒45 | 79647 | 22П09 | 22 m 04 | 15 2 02 | 9ብ01 | 6947 | 21 Д 17 | 20m.51 | 12≗55 | 7 . 20 | 5947 | 20П24 | 53S |
| 56S 18 π 41 2 ∞ 01 1 Ω 24 14 ∞ 35 22 π 43 19 π 33 2 ∞ 58 3 Ω 06 16 ∞ 56 23 π .57 20 π 25 3 ∞ 55 4 Ω 51 57S 18 π 03 0 ∞ 37 29 ∞ 01 15 ∞ 18 23 π 26 18 π 54 1 ∞ 33 0 Ω 42 17 ∞ 46 24 π 40 19 π 46 2 ∞ 29 2 Ω 26 2 2 Ω 26 2 2 2 Ω 26 2 2 2 Ω 26 2 | | 23 m | | 17≗4 | 8£59 | 6534 | 21 Д 36 | 22 m 40 | 15 ₾ 35 | 7Ω14 | 5934 | | 21 m 26 | 13 ≏ 24 | 5 . 033 | | | |
| 57S 18 Π 03 0 ⊕ 37 29 ⊕ 01 15 ⊕ 18 23 π 26 18 π 54 1 ⊕ 33 0 Ω 42 17 ⊕ 46 24 π 40 19 π 46 2 ⊕ 29 2 Ω 26 2 58S 17 π 23 29 π 08 26 ⊕ 21 16 ⊕ 08 24 π 11 18 π 14 0 ⊕ 03 28 ⊕ 01 18 ⊕ 44 25 π 26 19 π 06 0 ⊕ 59 29 ⊕ 44 2 59S 16 π 41 27 π 35 23 ⊕ 24 17 ⊕ 07 25 π 01 17 π 32 28 π 28 25 ⊕ 02 19 ⊕ 51 26 π 16 18 π 23 29 π 23 26 ⊕ 43 2 60S 15 π 57 25 π 56 20 ⊕ 08 18 ⊕ 18 25 π 54 16 π 48 26 π 48 21 ⊕ 42 21 ⊕ 12 27 π 10 17 π 39 27 π 41 23 ⊕ 20 2 61S 15 π 11 24 π 11 16 ⊕ 30 19 ⊕ 45 26 π 52 16 π 01 25 π 02 17 ⊕ 59 22 ⊕ 51 28 π 08 16 π 51 25 π 53 19 ⊕ 33 2 62S 14 π 22 22 π 21 12 ⊕ 29 21 ⊕ 33 27 π 56 1 | | 24 m | | | | | | | | | | | | | | | | |
| 588 17 π 23 29 π 08 26 ∞ 21 16 ω 08 24 π 11 18 π 14 0 ∞ 03 28 ∞ 01 18 ω 44 25 π 26 19 π 06 0 ∞ 59 29 ∞ 44 2 598 16 π 41 27 π 35 23 ∞ 24 17 ω 07 25 π 01 17 π 32 28 π 28 25 ∞ 02 19 ω 51 26 π 16 18 π 23 29 π 23 26 ∞ 43 2 608 15 π 57 25 π 56 20 ∞ 08 18 ω 18 25 π 54 16 π 48 26 π 48 21 ∞ 42 21 ω 12 27 π 10 17 π 39 27 π 41 23 ∞ 20 2 618 15 π 11 24 π 11 16 ∞ 30 19 ω 45 26 π 52 16 π 01 25 π 02 17 ∞ 59 22 ω 51 28 π 08 16 π 51 25 π 53 19 ∞ 33 2 62S 14 π 22 22 π 21 12 ∞ 29 21 ω 33 27 π 56 15 π 12 23 π 09 13 ∞ 51 24 ω 52 29 π 12 16 π 01 23 π 59 15 ∞ 18 2 64S 12 π 35 18 π 20 3 ∞ 10 26 ω 53 </th <th></th> <th>25 m 25 m</th> <th></th> | | 25 m 25 m | | | | | | | | | | | | | | | | |
| 59S 16 π 41 27 π 35 23 π 24 17 π 07 25 π 01 17 π 32 28 π 28 25 π 02 19 π 51 26 π 16 18 π 23 29 π 23 26 π 43 2 60S 15 π 57 25 π 56 20 π 08 18 π 18 25 π 54 16 π 48 26 π 48 21 π 42 21 π 12 27 π 10 17 π 39 27 π 41 23 π 20 2 61S 15 π 11 24 π 11 16 π 30 19 π 45 26 π 52 16 π 01 25 π 02 17 π 59 22 π 51 28 π 08 16 π 51 25 π 53 19 π 33 2 62S 14 π 22 22 π 21 12 π 29 21 π 33 27 π 56 15 π 12 23 π 09 13 π 51 24 π 52 29 π 12 16 π 01 23 π 59 15 π 18 63S 13 π 30 20 π 24 8 π 02 23 π 51 29 π 05 14 π 19 21 π 10 9 π 16 27 π 27 0 π 21 15 π 08 21 π 57 10 π 35 64S 12 π 35 18 π 20 3 π 10 26 π 53 0 π 21 <th< th=""><th></th><th>25 IL</th><th></th><th>20 1 2 1</th><th>1</th><th>1</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<> | | 25 IL | | 20 1 2 1 | 1 | 1 | | | | | | | | | | | | |
| 60S 15 π 57 25 π 56 20 σ 08 18 π 18 25 π 54 16 π 48 26 π 48 21 σ 42 21 π 12 27 π 10 17 π 39 27 π 41 23 σ 20 2 61S 15 π 11 24 π 11 16 σ 30 19 π 45 26 π 52 16 π 01 25 π 02 17 σ 59 22 π 51 28 π 08 16 π 51 25 π 53 19 σ 33 2 62S 14 π 22 22 π 21 12 σ 29 21 π 33 27 π 56 15 π 12 23 π 09 13 σ 51 24 π 52 29 π 12 16 π 01 23 π 59 15 σ 18 2 64S 12 π 35 18 π 20 3 σ 10 26 π 53 0 π 21 13 π 23 19 π 04 4 σ 14 0 π 48 1 π 37 14 π 12 19 π 49 5 σ 21 | | 27 m | | | | | | | | | | | | | | | | |
| 61S 15 π 11 24 π 11 16 ω 30 19 ω 45 26 m 52 16 π 01 25 π 02 17 ω 59 22 ω 51 28 m 08 16 π 51 25 π 53 19 ω 33 2 62S 14 π 22 22 π 21 12 ω 29 21 ω 33 27 m 56 15 π 12 23 π 09 13 ω 51 24 ω 52 29 m 12 16 π 01 23 π 59 15 ω 18 2 63S 13 π 30 20 π 24 8 ω 02 23 ω 51 29 m 05 14 π 19 21 π 10 9 ω 16 27 ω 27 0 ω 21 15 π 08 21 π 57 10 ω 35 64S 12 π 35 18 π 20 3 ω 10 26 ω 53 0 ω 21 13 π 23 19 π 04 4 ω 14 0 m 48 1 ω 37 14 π 12 19 π 49 5 ω 21 | 02 28 | 28 m | 2 202ء | 24요(| 23\$20 | 27П41 | 17Д39 | 27 m 10 | 21 ≏ 12 | 21 5 42 | | 16П48 | 25 m 54 | 18≏18 | 20ഇ08 | 25 Д 56 | 15 Д 57 | 60S |
| 63S 13 π 30 20 π 24 8 so 02 23 ± 51 29 π 05 14 π 19 21 π 10 9 so 16 27 ± 27 0 x 21 15 π 08 21 π 57 10 so 35 64S 12 π 35 18 π 20 3 so 10 26 ± 53 0 x 21 13 π 23 19 π 04 4 so 14 0 m 48 1 x 37 14 π 12 19 π 49 5 so 21 | 51 29 | 29 m | | 25 ₾ 5 | | 25 Д 53 | | | | | 25 II 02 | | | 19 ≙ 45 | | 24II11 | 15 I I11 | |
| 64S 12 II 35 18 II 20 3 S 10 26 ± 53 0 ₹ 21 13 II 23 19 II 04 4 S 14 0 II .48 1 ₹ 37 14 II 12 19 II 49 5 S 21 | | 0 × | 8 2 05 | | | | | | | | | | | | | | | |
| | | 1 ∡¹ 2 ∡¹ | 0 m. 54 4 m. 31 | | | | | | | | | | | | | | | |
| 27 באיאו 11 בו ער באר באר באר באר באר באר באר באר באר בא | | 4 x ¹ | | | | | | | | | | | | | | | | |
| | | 4 x ¹ | 9 m 20 5 m 54 | | | 1 | | | | | | | | | | | | |
| | | 6×7 | 0m.40 | | | | | | | | | | | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | 6m AR 35'54 | MC: 69 |)°00' | Sid.Tir MC: | | 0m AR 32'02 | 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 Ω 36 | 7 m, 17 | 9 ≙ 47 | 11 m.25 | 9©11 | 7ຄ35 | 8 m, 21 | 10ჲ52 | 12 m. 26 | 10506 | 8ณ34 | 9 m/ 25 | 11 ≏ 57 | 13 m 27 |
| 1S | 8গু04 | 6 Ω 19 | 7 m, 07 | 9 ≙ 51 | 11 m.34 | 8গু59 | 7Ω18 | 8 mg 12 | 10≗57 | 12m35 | 9ഇ54 | 8 Ω 17 | 9 mg 16 | 12 🕰 02 | 13 m 35 |
| 2S | 7952 | 6Ω02 | 6 m 57 | 9 2 55 | 11 m. 42 | 8947 | 7.001 | 8 m 02 | 11 201 | 12 m. 43 | 9543 | 8000 | 9 m 07 | 12 ₾ 07 | 13 m.44 |
| 3S 4S | 7940 7928 | 5Ω44 5Ω26 | 6 m, 47 6 m, 36 | 9요59 10요03 | 11 m.51 11 m.59 | 8 9 35 | 6Ω44 6Ω26 | 7 m, 52 7 m, 42 | 11 <u>05</u> | 12 m 52 13 m 00 | 9 5 31 | 7 Ω 43 7 Ω 26 | 8 mp 57 8 mp 48 | 12 亞 11 12 亞 16 | 13 m.53 14 m.02 |
| 5S | 7 © 16 | 5 £ 20 | 6 mg 26 | 10 - 03 | 12 m. 08 | 8912 | 6£08 | 7 m 32 | 11 <u>-</u> 10 | 13 m 09 | 9507 | 7Ω08 | 8 mg 38 | 12 <u>-</u> 10 | 14m.11 |
| 6S | 7904 | 4Ω51 | 6 mg 15 | 102407 | 12 11 L U 8 | 8900 | 5£51 | 7 mg 22 | 11 2 14 | 13 m 18 | 8955 | 6£51 | 8 mg 28 | 12 <u>22</u> 21 | 14 m 19 |
| 7S | 6952 | 4£32 | 6 mg 04 | 10 - 15 | 12 m 25 | 79647 | 5 N 33 | 7 m, 11 | 11 ≏ 23 | 13 m 27 | 8943 | 6Ω33 | 8 mg 18 | 12 - 32 | 14 m. 28 |
| 8S | 6940 | 4Ω14 | 5 m, 53 | 10 ≏ 20 | 12 m 34 | 7ള35 | 5Ω14 | 7 m, 00 | 11≏28 | 13 m 36 | 8931 | 6Ω15 | 8 mg 08 | 12≗37 | 14m.38 |
| 9S | 6928 | 3 N 55 | 5 mg 41 | 10≗24 | 12m.43 | 7ഇ23 | 4£056 | 6 m, 49 | 11 ₾ 33 | 13 m 45 | 8519 | 5Ω57 | 7 m, 58 | 12 ≏ 42 | 14m.47 |
| 10S | 6915 | 3 A 36 | 5 m/30 | 10 ≏ 28 | 12 m 52 | 7গু11 | 4Ω37 | 6 m/38 | 11≏38 | 13 m 54 | 8506 | 5⋒38 | 7 m/47 | 12⊶47 | 14m.56 |
| 118 | 6903 | 3 \O 17 | 5 m 18 | 10 ₾ 33 | 13 m 01 | 6959 | 4Ω18 | 6 m 27 | 11 🖴 43 | 14m.03 | 7954 | 5Ω19 | 7 m 36 | 12 <u>0</u> 53 | 15 m.06 |
| 12S 13S | 5୭51 5୭38 | 2 N 58 2 N 38 | 5 m, 05 4 m, 53 | 10≗38 10≗42 | 13 m 10 13 m 19 | 6946 6934 | 3 N 59 3 N 39 | 6 mp 15 6 mp 03 | 11 ≏ 48 11 ≏ 54 | 14 m 13 14 m 22 | 7 9 42 7 9 29 | 5Ω00 4Ω41 | 7 m ₂ 25 7 m ₂ 13 | 12 ♀ 59 13 ♀ 04 | 15 m 15 15 m 25 |
| 14S | 5925 | 2 N 18 | 4 mg 40 | 10≗42 | 13 m 29 | 6921 | 3 & 20 | 5 m ₂ 51 | 11 2 5 9 | 14m.32 | 7917 | 4 <i>Ω</i> 21 | 7 mg 02 | 13 ≗ 10 | 15 m. 34 |
| 15S | 5ഇ13 | 1Ω58 | 4 m ₂ 27 | 10 ≏ 52 | 13 m. 38 | 6න08 | 2259 | 5 m _p 38 | 12 ≏ 04 | 14m.42 | 7 © 04 | 4Ω01 | 6 m ₂ 50 | 13 ≏ 16 | 15 m.44 |
| 16S | 5900 | 1.037 | 4 m/ 14 | 10 2 57 | 13 m. 48 | 5955 | 2039 | 5 m/ 25 | 12 2 10 | 14mc42 | 6951 | 3 \$\Omega 41 | 6 mg 37 | 13 ♣ 23 | 15 m. 54 |
| 17S | 49647 | 1 Q 16 | 4 m) 00 | 11 ≏ 03 | 13 m 58 | 5942 | 2 N 18 | 5 m, 12 | 12 ≏ 16 | 15 m 02 | 6938 | 3 № 20 | 6 m, 25 | 13 ≏ 29 | 16m.05 |
| 18S | 4934 | 0.055 | 3 m/46 | 11 ₾ 08 | 14m.08 | 5929 | 1.057 | 4 m 59 | 12 € 22 | 15 m 12 | 6925 | 2059 | 6 m 12 | 13 ₾ 36 | 16m.15 |
| 19S | 4920 | 0£33 | 3 m/31 | 11 ₾ 14 | 14m.18 | 5916 | 1.035 | 4 m, 45 | 12 | 15 m. 22 | 6911 | 2038 | 5 m/ 58 | 13 ₾ 42 | 16m.26 |
| 20S | 4907 | 0Ω11 | 3 m 16 | 11 ≏ 19 | 14m.29 | 5902 | 1 \O 13 | 4 m 30 | 12 △ 34 | 15 m 33 | 5958 | 2Ω16 | 5 m 44 | 13 ₾ 49 | 16m.37 |
| 21S 22S | 3©53 3©39 | 29©48 29©25 | 3 mp 01 2 mp 45 | 11 ≏ 25 11 ≏ 31 | 14 m. 40 14 m. 50 | 4948 4935 | 0Ω50 0Ω27 | 4 mp 15 4 mp 00 | 12 ≗ 41 12 ≗ 47 | 15 m. 44 15 m. 55 | 5 9 44 5 9 30 | 1 Ω 53 1 Ω 30 | 5 mg 30 5 mg 16 | 13 ♀ 56 14 ♀ 04 | 16m47 16m59 |
| 23S | 3525 | 29501 | 2 m/ 28 | 11 △ 37 | 15m.01 | 4920 | 0Ω04 | 3 m/ 44 | 12 ⊆ 54 | 16m.06 | 5916 | 1 207 | 5 mg 00 | 14 <u>0</u> 11 | 17 m. 10 |
| 24S | 3ഇ11 | 28937 | 2 m/11 | 11 ≏ 44 | 15 m 13 | 4গু06 | 29940 | 3 m/28 | 13 ♀ 02 | 16m.17 | 5গু02 | 0 ຄ 43 | 4 m/ 45 | 14≗19 | 17m22 |
| 25S | 2ഇ56 | 28912 | 1 m ₂ 53 | 11≗51 | 15 m 24 | 3952 | 29ഇ15 | 3 mp 11 | 13 <u>⊶</u> 09 | 16m29 | 49647 | 0Ω18 | 4 m/28 | 14≏27 | 17m.34 |
| 26S | 2541 | 275346 | 1 m 35 | 11 ≏ 57 | 15m.36 | 3537 | 28550 | 2 m 53 | 13 △ 17 | 16m41 | 4932 | 29\$53 | 4 m/12 | 14≗35 | 17m46 |
| 27S | 2526 | 27520 | 1 m 16 | 12 ≏ 05 | 15m48 | 3522 | 28524 | 2 m/35 | 13 € 24 | 16m.54 | 4917 | 29527 | 3 m 54 | 14 <u>0</u> 44 | 17m.58 |
| 28S 29S | 2©11 1©55 | 26©53 26©26 | 0 mp 56 0 mp 36 | 12 ⊕ 12 12 ⊕ 20 | 16m.01 16m.14 | 3 2 2 5 1 | 27©57 27©30 | 2 m, 16 1 m, 56 | 13 <u>⊕</u> 33 13 <u>⊕</u> 41 | 17m.06 17m.19 | 4502 3546 | 29©01 28©34 | 3 m ₂ 36 3 m ₂ 17 | 14 <u>⊕</u> 53 15 <u>⊕</u> 02 | 18m.11 18m.24 |
| 30S | 1939 | 25958 | 0 mg 14 | 12 - 28 | 16 m. 27 | 2935 | 27901 | 1 m ₂ 35 | 13 - 11 | 17 m 32 | 3930 | 28506 | 2 m ₂ 57 | 15 - 02 | 18m.38 |
| 31S | 1939 | 25929 | 29252 | 12 € 26 | 16m.40 | 2533 | 26932 | 1 mg 14 | 13 2 59 | 17 m 46 | 3930 | 27937 | 2 mg 36 | 15 ≗ 12 | 18 m 52 |
| 32S | 1906 | 24959 | 29 29 | 12 - 45 | 16m.54 | 2902 | 26ഇ03 | 0 m/ 51 | 14≗09 | 18 m. 00 | 2957 | 27907 | 2 m, 15 | 15 ₾ 33 | 19m.06 |
| 33S | 0ණ50 | 24528 | 29⋒04 | 12 2 54 | 17m.08 | 19545 | 25@32 | 0 m/28 | 14 🕰 19 | 18m 15 | 2540 | 26937 | 1 m 52 | 15 △ 44 | 19m21 |
| 34S | 0ഇ32 | 23\$56 | 28£38 | 13 ≏ 04 | 17m.23 | 1 5 2 7 | 25©00 | 0 m, 03 | 14≗30 | 18m.30 | 2523 | 26505 | 1 m, 28 | 15 ≏ 56 | 19m36 |
| 35S | 0914 | 23 5 40 | 28 12 | 13 ₾ 14 | 17m.38 | 1910 | 24927 | 29 237 | 14 🕰 41 | 18m.45 | 2505 | 25932 | 1 m/04 | 16 208 | 19m.51 |
| 36S 37S | 29 II 56 29 II 37 | 22©49 22©14 | 27Ω43 27Ω14 | 13 <u>a</u> 24 13 <u>a</u> 36 | 17m.54 18m.10 | 0ණ51 0ණ32 | 23@54 23@18 | 29 A 10 28 A 41 | 14 <u>⊕</u> 53 15 <u>⊕</u> 05 | 19m.01 19m.17 | 1 5 4 7 1 5 2 8 | 24©58 24©23 | 0 mg 37 0 mg 10 | 16 2 1 16 2 34 | 20m07 20m24 |
| | 29П37 | | | | 18 m 27 | | | 28 N 11 | | | 19528 | | 29 \(\Omega 40 | 1 | 20 m. 41 |
| 39S | 28П58 | 21©00 | 26209 | 14 ♀ 00 | 18m.44 | 29П53 | 22904 | 27 a 39 | 15 △ 32 | 19m.52 | 0949 | 23510 | 29 20 09 | 17≗03 | 20m.59 |
| 40S | 28П38 | 20ഇ21 | 25 A 34 | 14 ⊆ 13 | 19m.02 | 29П33 | 21@25 | 27 A 05 | 15 ≏ 46 | 20 m 10 | 0928 | 22530 | 28£37 | 17 🕰 19 | 21 m.18 |
| 41S | 28 II 17 | 19540 | 24£056 | 14≗27 | 19m21 | 29П12 | 20ഇ45 | 26⋒28 | 16≏02 | 20m29 | 0907 | 21550 | 28£02 | 17 ≏ 36 | 21 m 37 |
| 42S | 27П56 | 18958 | 24 \Omega 16 | 14 ₾ 42 | 19m.41 | 28П51 | 20@02 | 25 A 50 | 16 - 18 | 20m49 | 29П45 | 21508 | 27 Ω 24 | 17 ₾ 54 | 21 m 57 |
| 43S 44S | 27 II 34 27 II 11 | 18©14 17©28 | 23 \Omega 34 22 \Omega 48 | 14 ⊕ 58 15 ⊕ 15 | 20 m. 01 20 m. 22 | 28 II 28 28 II 05 | 19©18 18©33 | 25 Ω 09 24 Ω 25 | 16 ♀ 36 16 ♀ 55 | 21 m 10 21 m 31 | 29 II 23 29 II 00 | 20©24 19©38 | 26Ω44 26Ω02 | 18 亞 13 18 亞 34 | 22 m 18 22 m 40 |
| | | | | | | | | | | | | | | | 23 m.02 |
| 45S 46S | 26 II 47 26 II 23 | 16ඉ40 15ඉ51 | 22 \Omega 00 21 \Omega 07 | 15 △ 33 | 20 m. 45 21 m. 08 | 27 II 41 27 II 17 | 17ඉ45 16ඉ55 | 23 \Omega 37 22 \Omega 46 | 17 ♀ 15 17 ♀ 37 | 21 m.54 22 m.17 | 28 II 36 28 II 11 | 18©50 17©59 | 25Ω16 24Ω27 | 18 亞 56 19 亞 19 | 23 m 26 |
| 47S | 25 II 57 | 14958 | 20Ω11 | 16 2 14 | 21 m 32 | 26П51 | 16902 | 21 251 | 18 ⊆ 00 | 22 m 42 | 27П46 | 17907 | 23 ⋒33 | 19 △ 45 | 23 m.51 |
| 48S | 25 Д 31 | 14504 | 19Ω10 | 16 2 38 | 21 m. 58 | 26П25 | 15©07 | 20 û 52 | 18 26 | 23 m 08 | 27 Д 19 | 16512 | 22 \Omega 35 | 20 ₾ 13 | 24 m 17 |
| 49S | 25 Д 03 | 13507 | 18£04 | 17≗03 | 22 m 25 | 25 II 57 | 14510 | 19Ω47 | 18≏53 | 23 m 35 | 26П52 | 15514 | 21 N 32 | 20 ₾ 43 | 24 m.45 |
| 50S | 24 11 35 | 12507 | 16.051 | 17 ₾ 31 | 22 m 53 | 25 11 29 | 13510 | 18£36 | 19 24 | 24 m 04 | 26П23 | 145613 | 20 \O 23 | 21 | 25 m 14 |
| 51S 52S | 24 II 05 23 II 35 | 11©03 9©57 | 15Ω33 14Ω06 | 18 ♀ 01 18 ♀ 35 | 23 m.23 23 m.55 | 24 II 59 24 II 28 | 12©06 10©59 | 17Ω19 15Ω54 | 19 <u>♀</u> 57 20 <u>♀</u> 34 | 24 m 34 25 m 06 | 25 II 53 25 II 22 | 13509 12502 | 19Ω07 17Ω44 | 21 <u>a</u> 52 22 <u>a</u> 32 | 25 m.44 26 m.16 |
| 53S | 23 II 02 | 8937 8947 | 12.031 | 19 2 12 | 24 m 29 | 23 II 56 | 9949 | 14 \(\O 20 \) | 20 ≥ 34 21 ⊆ 15 | 25 m 40 | 24 II 49 | 10951 | 16Ω12 | 23 □ 16 | 26 m 50 |
| 54S | 22 П 29 | 7934 | 10 ຄ 46 | 19≏54 | 25 m 05 | 23 П22 | 8934 | 12£36 | 22 △ 01 | 26m.16 | 24П15 | 9536 | 14£30 | 24 ₾ 06 | 27m27 |
| 55S | 21 Д 54 | 6©16 | 8 Ω 49 | 20≗41 | 25 m.43 | 22П46 | 7ණ16 | 10Ω41 | 22 ≏ 52 | 26 m 54 | 23 Д 39 | 8917 | 12£36 | 25 ≏ 01 | 28 m. 05 |
| 56S | 21 II 17 | 4গু54 | 6Ω40 | 21 △ 34 | 26 m 23 | 22П09 | 5953 | 8ຄ32 | 23 ♀ 50 | 27 m 35 | 23 П 02 | 6953 | 10 Q 28 | 26≗04 | 28m47 |
| 57S | 20 II 38 | 3927 | 4Ω15 | 22 ₾ 36 | 27m.07 | 21 Д30 | 4925 | 6£07 | 24 <u>9</u> 57 | 28 m 19 | 22 Д 23 | 5924 | 8Ω04 5Ω20 | 27 ₾ 16 | 29 m 31 |
| 58S 59S | 19П57 19П15 | 1 න 55 0 න 18 | 1 ມ 32 28 ອ 29 | 23 △ 47 25 △ 10 | 27 m.54 28 m.44 | 20 II 49 20 II 06 | 2©52 1©13 | 3 № 24 0 № 20 | 26 ♀ 14 27 ♀ 44 | 29 m. 06 29 m. 57 | 21 II 41 20 II 58 | 3 5 5 0 2 5 1 0 | 5Ω20 2Ω15 | 28 ≗ 38 0 m.14 | 0∡18 1∡08 |
| 60S | 18П29 | 28 II 34 | 25903 | 26 - 48 | 29 m 38 | 19П21 | 29 II 28 | 26 9 51 | 29 △ 30 | 0×151 | 20 II 12 | 0923 | 28544 | 2 m 07 | 2×03 |
| 61S | 18 II 29 17 II 42 | 28 II 34 26 II 45 | 25@03 21@11 | 26 <u>₽</u> 48 28 <u>₽</u> 47 | 29 IIL 38 0 ₹ 37 | 19 Д 21 18 Д 32 | 29 II 28 27 II 37 | 26951 | 29±30 1 m.37 | 1 \$7 50 | 19 Д 23 | 28 II 31 | 289944 | 4 m 21 | 3×03 |
| 62S | 16П51 | 24 II 49 | 16950 | 1 m 12 | 1 2 41 | 17 II 41 | 25 II 39 | 18526 | 4m.11 | 2 × 54 | 18 Д 32 | 26 Д 30 | 20508 | 7 m 03 | 4 <i>₹</i> 06 |
| 63S | 15II58 | 22 Д 45 | 11957 | 4m.12 | 2₹51 | 16П47 | 23 Д 34 | 13523 | 7m21 | 4 ₹ 04 | 17Д37 | 24 Д23 | 14955 | 10m21 | 5₹16 |
| 64S | 15Щ01 | 20П34 | 6931 | 8 m 02 | 4 ₹ 07 | 15 Д 50 | 21 Д20 | 79645 | 11 m.21 | 5 ₹ 20 | 16П39 | 22 Д 07 | 9903 | 14 m.28 | 6₹32 |
| 65S | 14 I I00 | 18 I I16 | 0@33 | 13 m. 03 | 5 <i>≱</i> 31 | 14П49 | 18П59 | 1931 | 16m.29 | 6 <i>x</i> ⁴44 | 15 Д 37 | 19П43 | 2532 | 19m.41 | 7 <i>≯</i> 156 |
| 66S | 12 II 56 | 15 II 49 | 24 II 07 | 19 m 44 | 7×103 | 13 II 43 | 16II 29 | 24 II 46 | 23 m 13 | 8 x 16 | 14Π31 | 17 II 10 | 25 II 26 | 26 m 22 | 9 🗗 28 |
| pc | 12П17 | 14П23 | 20П20 | 24 m 29 | 7 ₹ 59 | 13 П 05 | 15П01 | 20П48 | 27 m 53 | 9 ₹ 12 | 13 Д 52 | 15 Д 40 | 21 Д 16 | 0 ₹ 55 | 10 ₹ 23 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | 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: | ne: 4h50 15Д | 6m AR :15'37 | MC: 74 | ·°00' |
|------------|------------------------------------|----------------------|--|----------------------------------|--------------------------------|--------------------------------|----------------------------------|------------------------------|----------------------------------|--------------------------------|----------------------|----------------------|----------------------|----------------------------------|---------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 11502 | 9ຄ33 | 10 m, 29 | 13 ≏ 02 | 14m.27 | 11957 | 10ຄ32 | 11 m/34 | 14≏07 | 15 m 27 | 12553 | 11 232 | 12 m/38 | 15 ≏ 12 | 16m.27 |
| 1S | 10\$50 | 9Ω17 | 10 mg 21 | 13 ≏ 07 | 14m.36 | 119545 | 10 N 16 | 11 m/26 | 14 ≏ 12 | 15m36 | 125641 | 11 Q 16 | 12 mg 30 | 15 ≏ 18 | 16m37 |
| 2S | 10538 | 9200 | 10 m 12 | 13 ₾ 12 | 14m.45 | 11634 | 10000 | 11 m 17 | 14 🕰 18 | 15 m. 45 | 12529 | 10.059 | 12 m 23 | 15 ₾ 24 | 16m.46 |
| 3S 4S | 10ഇ26 10ഇ14 | 8 N 43 8 N 26 | 10 mg 03 9 mg 54 | 13 <u>⊕</u> 18 13 <u>⊕</u> 23 | 14 m 54 15 m 03 | 11©22 11©10 | 9Ω43 9Ω26 | 11 mp 09 11 mp 00 | 14 <u>0</u> 24 | 15 m. 54 16 m. 03 | 12©17 12©06 | 10Ω43 10Ω26 | 12 mp 15 12 mp 06 | 15 ⊕ 30 15 ⊕ 36 | 16m.55 17m.04 |
| 5S | 10503 | 8209 | 9 mp 45 | 13 28 | 15 m 12 | 10958 | 9Ω09 | 10 m 51 | 14 <u>0</u> 35 | 16 m. 13 | 11954 | 100120 | 11 m ₂ 58 | 15 - 30 | 17 m. 13 |
| 6S | 9951 | 7£51 | 9 mg 35 | 13 € 28 | 15 m 21 | 10938 | 8£52 | 10 mg 42 | 14 <u>2</u> 33 | 16m.22 | 119542 | 9253 | 11 m ₂ 50 | 15 € 48 | 17 m 23 |
| 7S | 9939 | 7ຄ34 | 9 m, 26 | 13 ₾ 39 | 15 m. 30 | 10ഇ34 | 8ຄ34 | 10 m ₂ 33 | 14≗47 | 16m31 | 11530 | 9ຄ35 | 11 m ₂ 41 | 15 ≏ 55 | 17m.32 |
| 8S | 9\$26 | 7£16 | 9 mg 16 | 13 △ 45 | 15m.39 | 10©22 | 8 Ω 17 | 10 m/24 | 14≗53 | 16m41 | 115518 | 9Ω18 | 11 m/32 | 16 △ 02 | 17m.42 |
| 9S | 9514 | 6£158 | 9 mg 06 | 13 ≏ 51 | 15m49 | 10510 | 7Ω59 | 10 mp 15 | 15≗00 | 16m.50 | 11506 | 9200 | 11 m, 23 | 16≗08 | 17m.51 |
| 10S | 9502 | 6£39 | 8 m 56 | 13 ₾ 57 | 15 m 58 | 9958 | 7£41 | 10 m 05 | 15 a 06 | 17m.00 | 10554 | 8 A 42 | 11 m 14 | 16 ₾ 15 | 18m.01 |
| 11S 12S | 8ഇ50 8ഇ37 | 6Ω21 6Ω02 | 8 mp 45 8 mp 35 | 14요03 14요09 | 16m.08 16m.17 | 9 9 46 9 9 33 | 7Ω22 7Ω04 | 9 m, 55 9 m, 45 | 15 ♀ 13 | 17m.09 17m.19 | 10541 10529 | 8 N 24 8 N 06 | 11 mp 05 10 mp 55 | 16 <u>⊕</u> 22 | 18m.11 18m.21 |
| 13S | 8925 | 5Ω43 | 8 mg 24 | 14 2 15 | 16m27 | 9921 | 6Ω45 | 9 m ₂ 35 | 15 26 | 17 m 29 | 10927 | 7.047 | 10 mg 46 | 16-236 | 18 m. 31 |
| 14S | 8 © 12 | 5 A 23 | 8 m, 13 | 14≏22 | 16m.37 | 9ഇ08 | 6£25 | 9 m 24 | 15 ≏ 33 | 17m.39 | 10ഇ04 | 7ຄ28 | 10 m/36 | 16 ≏ 44 | 18m.41 |
| 15S | 7 © 59 | 5ຄ03 | 8 mg 01 | 14≏28 | 16m.47 | 8955 | 6£06 | 9 m, 13 | 15 ≙ 40 | 17m.49 | 9951 | 7£09 | 10 m/25 | 16≏52 | 18 m. 52 |
| 16S | 79547 | 4 \Omega 43 | 7 m 50 | 14 2 35 | 16m.57 | 8942 | 5Ω46 | 9 m, 02 | 15 △ 47 | 18m.00 | 9538 | 6Ω49 | 10 m 15 | 16 - 259 | 19m02 |
| 17S 18S | 7934 | 4Ω23 4Ω02 | 7 m 37 | 14 <u>⊕</u> 42 14 <u>⊕</u> 49 | 17m.08 | 8529 8516 | 5Ω26 5Ω05 | 8 m 51 | 15 a 55 | 18 m 10 | 9 © 25 | 6.029 | 10 mp 04 | 17 ≏ 07 17 ≏ 16 | 19m.13 |
| 18S 19S | 7 ඉ 20 7 ඉ 07 | 3 N 40 | 7 m, 25 7 m, 12 | 14±49 14⊕56 | 17 m 18 17 m 29 | 8516 8503 | 5Ω05 4Ω44 | 8 m, 39 8 m, 27 | 16 ♀ 02 16 ♀ 10 | 18m.21 18m.32 | 8959 | 6Ω08 5Ω47 | 9 m, 53 9 m, 41 | 17±16 17 ≏ 24 | 19m24 19m35 |
| 20S | 6953 | 3219 | 6 m ₂ 59 | 15 - 04 | 17 m. 40 | 7549 | 4Ω22 | 8 mg 14 | 16-18 | 18 m. 43 | 8945 | 5ω26 | 9 m ₂ 29 | 17-23 | 19m.46 |
| 21S | 6 © 40 | 2257 | 6 mg 46 | 15 2 12 | 17 m 51 | 7936 | 4Ω00 | 8 mg 01 | 16≗18 | 18 m 54 | 8932 | 5Ω04 | 9 m, 17 | 17 ≗ 33 | 19m.57 |
| 22S | 6926 | 2⋒34 | 6 m/32 | 15 ≏ 20 | 18m.02 | 7ඉ22 | 3 A 38 | 7 m/48 | 16≏35 | 19m.06 | 8518 | 4Ω42 | 9 m, 05 | 17≗51 | 20m09 |
| 23S | 6912 | 2011 | 6 m 17 | 15 2 8 | 18m.14 | 7908 | 3 \O 15 | 7 m 34 | 16 a 44 | 19m.18 | 8504 | 4Ω19 3 O 5 5 | 8 m 52 | 18 a 00 | 20m21 |
| 24S | 5957 | 1.047 | 6 m, 02 | 15 ≙ 36 | 18 m. 26 | 6953 | 2051 | 7 m, 20 | 16 2 53 | 19m.30 | 75649 | 3.055 | 8 m 38 | 18 ₾ 10 | 20m33 |
| 25S 26S | 5ഇ43 5ഇ28 | 1 | 5 m, 47 5 m, 30 | 15 ≗ 45 15 ≗ 54 | 18 m. 38 18 m. 50 | 6939 6924 | 2 N 27 2 N 02 | 7 mg 05 6 mg 50 | 17 ♀ 03 17 ♀ 13 | 19 m. 42 19 m. 54 | 7935 7920 | 3 Ω 3 1 3 Ω 0 7 | 8 mg 24 8 mg 09 | 18 亞 20 18 亞 31 | 20m.45 20m.58 |
| 27S | 59528 59513 | 0ຄ237 | 5 mg 14 | 16≗04 | 19 m 03 | 6909 | 1236 | 6 mg 34 | 17 ≗ 13 | 20m.07 | 7905 | 2 \Omega 42 | 7 m ₂ 54 | 18 2 42 | 21 m.11 |
| 28S | 4গু58 | 0Ω05 | 4 m/ 56 | 16≏13 | 19m.16 | 5953 | 1 & 10 | 6 m/ 17 | 17≏33 | 20 m 20 | 6949 | 2216 | 7 m 39 | 18≏53 | 21 m.24 |
| 29S | 4গু42 | 29\$38 | 4 m, 38 | 16₽23 | 19m29 | 5ള38 | 0 Q 43 | 6 m, 00 | 17 ≏ 44 | 20m34 | 6934 | 1 2 49 | 7 m, 22 | 19≗05 | 21 m.38 |
| 30S | 4926 | 29510 | 4 m, 19 | 16 ≏ 34 | 19m.43 | 5922 | 0Ω16 | 5 m/42 | 17 ≏ 56 | 20m.48 | 69518 | 1 2 2 1 | 7 m 05 | 19 ≏ 17 | 21 m 52 |
| 31S 32S | 4ഇ09 3ഇ53 | 28542 28512 | 3 m, 59 3 m, 39 | 16 ≗ 45 16 ≗ 57 | 19 m. 57 20 m. 11 | 5©05 4©49 | 29 © 47 29 © 18 | 5 m/ 23 5 m/ 03 | 18 ♀ 07 18 ♀ 20 | 21 m. 02 21 m. 16 | 6901 5944 | 0Ω53 0Ω24 | 6 mp 47 6 mp 28 | 19 亞 29 19 亞 43 | 22 m. 06 22 m. 21 |
| 33S | 3936 | 279642 | 3 m ₂ 17 | 17 <u>0</u> 09 | 20 m 26 | 4931 | 28947 | 4 m ₂ 43 | 18 233 | 21 m 31 | 59944 | 29953 | 6 mg 09 | 19 2 43 | 22 m 36 |
| 34S | 3518 | 27510 | 2 m 54 | 17 ≏ 21 | 20m42 | 4গু14 | 28516 | 4 m/21 | 18 ≏ 46 | 21 m 47 | 5910 | 29522 | 5 m/48 | 20 🖴 11 | 22 m 52 |
| 35S | 3ഇ00 | 26ഇ38 | 2 m/31 | 17 ≏ 34 | 20m.57 | 3956 | 27ഇ44 | 3 m, 58 | 19ჲ00 | 22 m 03 | 4গু52 | 28950 | 5 m, 26 | 20≏26 | 23 m.08 |
| 36S | 25642 | 26504 | 2 m/ 05 | 17 ≏ 48 | 21 m 14 | 3538 | 27510 | 3 m/34 | 19 ₾ 15 | 22 m 19 | 4933 | 28517 | 5 m/04 | 20 <u>△</u> 42 | 23 m 25 |
| 37S 38S | 2©23 2©04 | 25©29 24©53 | 1 m ₂ 39 1 m ₂ 11 | 18 ≏ 03 | 21 m 30 | 3519 2559 | 26@35 25@59 | 3 m/09 | 19 亞 31 19 亞 48 | 22 m 36 22 m 54 | 4©14 3©55 | 27542 27506 | 4 mp 39 4 mp 14 | 20 △ 59 21 △ 16 | 23 m.42 24 m.00 |
| 39S | 19544 | 24933 | 0 mg 41 | 18 2 34 | 22 m 06 | 2939 | 25@22 | 2 m/ 42 2 m/ 13 | 20 ₾ 05 | 23 m 12 | 3935 | 26928 | 3 m ₂ 47 | 21 2 35 | 24 m 18 |
| 40S | 1 5 2 3 | 23536 | 0 m ₂ 09 | 18₽52 | 22 m 25 | 2519 | 24543 | 1 m ₂ 43 | 20 ≏ 23 | 23 m. 31 | 3514 | 25@50 | 3 m/18 | 21 ≏ 55 | 24 m 37 |
| 41S | 1902 | 22956 | 29 236 | 19 2 10 | 22 m. 44 | 1958 | 24902 | 1 m ₂ +3 | 20 ₾ 43 | 23 m 51 | 2953 | 25909 | 2 m/ 47 | 22 <u>□</u> 16 | 24m57 |
| 42S | 0ഇ41 | 22@13 | 29 A 00 | 19 ₾ 29 | 23 m.04 | 1936 | 23@20 | 0 m ₂ 37 | 21 △ 04 | 24 m 11 | 2531 | 24927 | 2 m/14 | 22 <u>⊶</u> 38 | 25 m 18 |
| 43S 44S | 0©18 29П55 | 21©29 20©43 | 28Ω22 27Ω40 | 19≗50 20≗12 | 23 m.25 23 m.47 | 1©13 0©50 | 22@36 21@50 | 0 m 00 29 £ 20 | 21 <u>□</u> 26 21 <u>□</u> 50 | 24 m 33 24 m 55 | 2©09 1©45 | 23 so 43 22 so 57 | 1 mp 39 1 mp 01 | 23 <u>a</u> 02 23 <u>a</u> 27 | 25 m 39 26 m 02 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 29 Д31 29 Д06 | 19©55 19©05 | 26Ω56 26Ω08 | 20 ≘ 36 21 ≘ 01 | 24 m 10 24 m 34 | 0 <u>ඉ</u> 26 0ඉ01 | 21©02 20©11 | 28 N 38 27 N 52 | 22 ♀ 15 22 ♀ 43 | 25 m. 18 25 m. 42 | 1©21 0©56 | 22©09 21©18 | 0 m 20 29 £36 | 23 <u>□</u> 54 24 <u>□</u> 23 | 26m25 26m49 |
| 47S | 28 II 40 | 18512 | 25Ω17 | 21 2 29 | 24 m 59 | 29П35 | 19518 | 27 £ 02 | 23 □ 12 | 26 m 07 | 0930 | 20525 | 28 A 48 | 24 <u>a</u> 54 | 27 m 15 |
| 48S | 28 п 14 | 17917 | 24 20 | 21 ≏ 59 | 25 m. 26 | 29П08 | 18@23 | 26Ω07 | 23 ₾ 44 | 26m.34 | 0503 | 19530 | 27£56 | 25 | 27m42 |
| 49S | 27П46 | 16519 | 23 A 19 | 22 ≙ 31 | 25 m 54 | 28 II 40 | 17925 | 25 № 08 | 24 ₾ 19 | 27 m 02 | 29Ц35 | 18531 | 26£59 | 26≗05 | 28m10 |
| 50S | 27 II 17 | 15918 | 22 \O 12 | 23 ₾ 07 | 26 m 23 | 28 П 11 | 16923 | 24 \(\O \) 03 | 24 <u>0</u> 57 | 27 m 31 | 29П06 | 17529 | 25 £ 57 | 26 <u>₽</u> 45 | 28m39 |
| 51S 52S | 26П47 26П16 | 14©14 13©06 | 20 A 58 19 A 37 | 23 △ 46 24 △ 29 | 26 m 53 27 m 26 | 27 II 41 27 II 10 | 15 © 19 14 © 10 | 22 \Omega 52 21 \Omega 33 | 25 ♀ 38 26 ♀ 24 | 28 m. 02 28 m. 35 | 28 II 36 28 II 04 | 16©24 15©16 | 24Ω47 23Ω31 | 27 ♀ 29 28 ♀ 17 | 29 m. 11 29 m. 43 |
| 53S | 25 II 43 | 11954 | 18£07 | 25 2 16 | 28 m 00 | 26 II 37 | 12958 | 20 N 05 | 27 2 14 | 29 m 10 | 27 II 31 | 14903 | 22Ω06 | 29 ₾ 11 | 0×18 |
| 54S | 25П09 | 10ഇ39 | 16Ω27 | 26 🕰 09 | 28m37 | 26П02 | 119542 | 18 ຄ 27 | 28≏11 | 29 m 46 | 26耳56 | 12ഇ46 | 20 ຄ 30 | 0 m 10 | 0 ₹ 55 |
| 55S | 24 Д 33 | 9519 | 14£34 | 27≗08 | 29 m 16 | 25 Д26 | 10ഇ21 | 16 £ 36 | 29 ₾ 13 | 0 ₹ 25 | 26П20 | 11@25 | 18 Ω 42 | 1 m 16 | 1 ₹ 34 |
| 56S | 23 II 55 | 7954 | 12.028 | 28 ₾ 15 | 29 m 57 | 24 11 48 | 8956 | 14 \alpha 32 | 0 m. 24 | 1 7 07 | 25 II 42 | 9958 | 16 \Q 40 | 2 m 30 | 2 7 16 |
| 57S 58S | 23 II 15 22 II 34 | 6924 4949 | 10Ω04 7Ω22 | 29 ≗ 32 0 ₪ 59 | 0 ₹ 41 1 ₹ 29 | 24 II 08 23 II 26 | 7 <u>ඉ25</u> 5 <u>ඉ48</u> | 12 N 10 9 N 28 | 1 m. 45 3 m. 16 | 1 ₹ 51 2 ₹ 39 | 25 II 02 24 II 19 | 8 9 27 | 14Ω20 11Ω40 | 3 m 55 5 m 31 | 3 ₹ 00 3 ₹ 48 |
| 59S | 21 II 50 | 3907 | 4Ω16 | 2 m 40 | 2×19 | 23 II 26 22 II 42 | 4905 | 98128 6Ω22 | 5 m 03 | 3 × 39 | 23 II 35 | 5905 | 8£35 | 7 m 21 | 4×139 |
| 60S | 21 п 04 | 1519 | 0 ຄ 43 | 4m.39 | 3 ₹ 14 | 21 Д 56 | 2516 | 2 ຄ 48 | 7m.06 | 4 <i>₹</i> 24 | 22 П 48 | 3514 | 4Ω59 | 9 m 29 | 5 <i>≱</i> 34 |
| 61S | 20 Д 15 | 29П25 | 26938 | 6m.59 | 4 <i>₹</i> 13 | 21 Д06 | 0920 | 28539 | 9m.32 | 5×24 | 21 Д 58 | 1915 | 0Ω48 | 11 m 59 | 6 <i>₹</i> 33 |
| 62S | 19П23 | 27II 22 | 21@56 | 9m47 | 5 <i>₹</i> 18 | 20 п 14 | 28П15 | 23@51 | 12 m 25 | 6 <i>≱</i> 28 | 21 Д 05 | 29П09 | 25@53 | 14m.56 | 7 <i>₹</i> 37 |
| 63S 64S | 18 II 28 17 II 29 | 25 II 13 22 II 54 | 16933 | 13 m 12 | 6 ₹ 27 7 ₹ 43 | 19П18 18П19 | 26II 03 | 18518 | 15 m.54 20 m.09 | 7 \$\sigma 37 8 \$\sigma 53 | 20П09 19П09 | 26 II 54 24 II 31 | 20©10 13©32 | 18 m 29 | 8 ₹ 47 10 ₹ 02 |
| | | | 10927 | 17 m. 24 | | | 23 11 42 | 11956 | | | | | | 22 m 45 | |
| 65S 66S | 16П26 15П20 | 20 II 27 17 II 51 | 3©37 26∏08 | 22 m 38 29 m 14 | 9∡06 10∡38 | 17II16 16II08 | 21 II 12 18 II 33 | 4945 26∏51 | 25 m.23 1 ₹ 52 | 10 ₹ 16 11 ₹ 47 | 18耳05 16耳57 | 21 II 58 19 II 15 | 5©59 27∏36 | 27 m.56 4 ∡ 17 | 11 ₹25 12 ₹55 |
| pc | 14 II 40 | 16 I I20 | 21 II 43 | 3 🗷 40 | 11 🗷 33 | 15 II 28 | 17 I I 00 | 22 II 11 | 6×109 | 12 × 42 | 16Д37 | 17II 40 | 22 II 30 | 8 × 25 | 12 x 33 13 ₹ 50 |
| Calcula | | | | | | | | | | | | | | | |

| Ţ | | 10Д | 11'18 | | °00' | MC: | | :06'54 | MC: 76 | | MC: | ne: 5h0 18II | 02'26 | IVIC. // | , °00' |
|------------|--------------------------------|--------------------|--|----------------------------------|--------------------------------|----------------------------------|----------------|--|----------------------------------|----------------------|--------------------------------|--------------------|--|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 13548 | 12.032 | 13 m/43 | 16 ≏ 16 | 17m27 | 145644 | 13 a 32 | 14 m 47 | 17 ≏ 21 | 18m.27 | 15©40 | 14£32 | 15 m 52 | 18≏25 | 19m.27 |
| 1S | 13937 | 12 <i>Q</i> 16 | 13 m/35 | 16₽23 | 17m37 | 14532 | 13 <i>Q</i> 16 | 14 m/40 | 17 ≏ 28 | 18m36 | 15ഇ28 | 14Ω16 | 15 mg 46 | 18≏32 | 19m36 |
| 2S | 13525 | 12000 | 13 m/28 | 16 29 | 17m.46 | 14521 | 13 000 | 14 m/34 | 17 ₾ 34 | 18m.46 | 15516 | 14 \O00 | 15 m 39 | 18 ₾ 40 | 19m.45 |
| 3S 4S | 13©13 13©01 | 11 Ω 43 11 Ω 27 | 13 m/20 13 m/13 | 16 ≗ 36 16 ≗ 42 | 17m.55 18m.04 | 14©09 13©57 | 12Ω44 12Ω28 | 14 m, 26 14 m, 19 | 17 ≏ 41 17 ≏ 48 | 18m.55 19m.05 | 15©05 14©53 | 13 Ω 45 13 Ω 29 | 15 mg 33 15 mg 26 | 18 ≏ 47 18 ≏ 54 | 19m.55 20m.05 |
| - 1 | | | | | | | | - | | | | | | | |
| 5S 6S | 12©50 12©38 | 11Ω10 10Ω54 | 13 mg 05 12 mg 57 | 16 ≗ 49 16 ≗ 56 | 18 m 14 18 m 23 | 13©45 13©34 | 12Ω11 11Ω55 | 14 mp 12 14 mp 05 | 17 ♀ 55 18 ♀ 03 | 19 m 14 19 m 24 | 14930 14930 | 13 Ω 13 12 Ω 56 | 15 m, 19 15 m, 12 | 19요02 19요09 | 20m14 20m24 |
| 7S | 12926 | 10£37 | 12 mg 49 | 17 □ 03 | 18 m 33 | 13@22 | 11 Ω 38 | 13 m ₂ 57 | 18 - 10 | 19m34 | 14938 | 12 \$\alpha 40 | 15 mg 05 | 19 ⊆ 17 | 20 m. 34 |
| 8S | 12514 | 10Ω19 | 12 m/41 | 17 ≏ 10 | 18m43 | 13510 | 11Ω21 | 13 m/49 | 18 ≏ 17 | 19m43 | 14506 | 12 \Omega23 | 14 m 58 | 19≏25 | 20 m.44 |
| 9S | 12502 | 10⋒02 | 12 mg 32 | 17≗17 | 18m.52 | 12558 | 11⋒04 | 13 mg 41 | 18≏25 | 19m.53 | 13954 | 12Ω06 | 14 m, 51 | 19₾33 | 20 m.54 |
| 10S | 11950 | 9⋒44 | 12 m 24 | 17 ≏ 24 | 19m02 | 125646 | 10Ω46 | 13 m/33 | 18≏33 | 20m 03 | 135642 | 11 Ω49 | 14 m/43 | 19ჲ41 | 21 m 04 |
| | 11937 | 926 | 12 m 15 | 17 2 31 | 19m12 | 12533 | 10 0 2 1 | 13 m 25 | 18 △ 41 | 20 m 13 | 13529 | 11.031 | 14 m 35 | 19 <u>a</u> 50 | 21 m 14 |
| 12S 13S | 11©25 11©12 | 9 N 08 8 N 50 | 12 m, 06 11 m, 57 | 17 ≗ 39 17 ≗ 47 | 19 m. 22 19 m. 33 | 12©21 12©09 | 10Ω11 9Ω52 | 13 m, 17 13 m, 08 | 18 ≏ 49 18 ≏ 57 | 20 m. 24 20 m. 34 | 13©17 13©05 | 11Ω14 10Ω56 | 14 m, 28 14 m, 20 | 19요58 20요07 | 21 m.25 21 m.35 |
| 14S | 11500 | 8£31 | 11 mg 47 | 17 ⊆ 55 | 19m43 | 11@56 | 9⋒34 | 12 m/ 59 | 19 2 05 | 20 m 44 | 12552 | 10 Ω 37 | 14 mg 11 | 20 ₾ 16 | 21 m. 46 |
| 15S | 10ഇ47 | 8 Ω 12 | 11 m ₂ 38 | 18ჲ03 | 19 m 53 | 119543 | 9Ω15 | 12 m ₂ 50 | 19 ≙ 14 | 20 m 55 | 12540 | 10 ຄ 18 | 14 m ₂ 03 | 20 ≏ 25 | 21 m.56 |
| 16S | 10534 | 7£52 | 11 m/28 | 18 - 11 | 20 m 04 | 11531 | 8£56 | 12 m/41 | 19 2 3 | 21 m 06 | 12527 | 9259 | 13 m 54 | 20 △ 34 | 22 m 07 |
| 17S | 10ഇ21 | 7£32 | 11 m/17 | 18 🕰 20 | 20 m 15 | 11©18 | 8 n 36 | 12 m/31 | 19≗32 | 21 m 17 | 12514 | 9 Ω 40 | 13 m/45 | 20 ≏ 44 | 22 m 19 |
| 188 | 10008 | 7 N 12 | 11 m 07 | 18 ≏ 28 | 20 m 26 | 11504 | 8Ω16 7.055 | 12 m 21 | 19 🕰 41 | 21 m 28 | 12501 | 9 0 2 0 | 13 m 36 | 20 ₾ 54 | 22 m 30 |
| 198 | 9955 | 6£51 | 10 m 56 | 18 2 37 | 20m37 | 10@51 | 7£55 | 12 mp 11 | 19 251 | 21 m. 39 | 119547 | 9,000 | 13 m, 27 | 21 △ 04 | 22 m.41 |
| 20S | 9541 | 6£30 | 10 m 45 | 18 ≏ 47 | 20 m 48 | 10538 | 7 N 34 | 12 m 01 | 20 ₾ 01 | 21 m.51 | 11©34 11©20 | 8 A 39 | 13 m 17 | 21 <u>□</u> 14 | 22 m.53 23 m.05 |
| 21S 22S | 9©28 9©14 | 6Ω08 5Ω46 | 10 m 33 10 m 22 | 18 ≏ 56 19 ≏ 06 | 21 m.00 21 m.12 | 10ණ24 10ණ10 | 7Ω13 6Ω51 | 11 m ₂ 50 11 m ₂ 39 | 20 <u>₽</u> 11 20 <u>₽</u> 21 | 22 m 03 22 m 14 | 119920 | 8 N 18 7 N 56 | 13 m ₂ 07 12 m ₂ 56 | 21 <u>□</u> 25 21 <u>□</u> 36 | 23 m 17 |
| 23S | 9900 | 5 Ω 24 | 10 mg 09 | 19 ≙ 16 | 21 m 24 | 9956 | 6£29 | 11 m/27 | 20 △ 32 | 22 m 27 | 10ഇ52 | 7ω34 | 12 m/45 | 21 △ 47 | 23 m 29 |
| 24S | 8গু45 | 5 Ω 00 | 9 m, 56 | 19≗27 | 21 m 36 | 9942 | 6 Ω 06 | 11 mg 15 | 20 ≏ 43 | 22 m 39 | 10538 | 7ຄ11 | 12 m/34 | 21 ≏ 59 | 23 m.42 |
| 25S | 8931 | 4£37 | 9 m/43 | 19 ≙ 37 | 21 m 49 | 9ഇ27 | 5 € 42 | 11 mg 03 | 20≗54 | 22 m 52 | 10ഇ23 | 6ብ48 | 12 m, 23 | 22 ≏ 11 | 23 m 55 |
| 26S | 8916 | 4Ω12 | 9 m 29 | 19 △ 49 | 22 m 02 | 9512 | 5Ω18 | 10 m 50 | 21 <u>0</u> 6 | 23 m 05 | 10509 | 6Ω24 | 12 m 11 | 22 <u>□</u> 23 | 24m.08 |
| 27S 28S | 8 ୭ 01 7 ୭ 45 | 3Ω47 3Ω21 | 9 mg 15 9 mg 00 | 20요00 20요12 | 22 m 15 22 m 28 | 8 ୭ 57 8 ୭ 42 | 4Ω53 4Ω27 | 10 mg 36 10 mg 22 | 21 <u>□</u> 18 21 <u>□</u> 31 | 23 m. 18 23 m. 32 | 9 © 54 9 © 38 | 5 Ω 59 5 Ω 34 | 11 mp 58 11 mp 45 | 22 <u>a</u> 36 | 24 m. 21 24 m. 35 |
| 29S | 7930 | 2255 | 8 mg 45 | 20 ♣ 25 | 22 m 42 | 8926 | 4Ω01 | 10 mg 22 | 21 <u>a</u> 44 | 23 m 46 | 9922 | 5 N 08 | 11 mg 31 | 23 △ 04 | 24 m 49 |
| 30S | 7 © 14 | 2 & 27 | 8 m, 29 | 20മ38 | 22 m 56 | 8 © 10 | 3 a 34 | 9 m ₂ 53 | 21 ≏ 58 | 24 m.00 | 9506 | 4Ω41 | 11 m ₂ 17 | 23 <u>⊶</u> 18 | 25 m.03 |
| 31S | 6957 | 1259 | 8 mg 12 | 20 - 51 | 23 m 11 | 7954 | 3 № 06 | 9 m 37 | 22 <u>□</u> 12 | 24 m 15 | 8950 | 4Ω13 | 11 m 02 | 23 ₾ 33 | 25 m 18 |
| 32S | 6940 | 1 2 3 0 | 7 m 54 | 21 2 05 | 23 m 26 | 7937 | 2.037 | 9 m/20 | 22 ≏ 27 | 24 m 30 | 8533 | 3 € 45 | 10 m, 47 | 23 <u>⊶</u> 49 | 25 m 33 |
| 33S 34S | 6 ඉ 23 6 ඉ 06 | 1Ω00 0Ω29 | 7 m ₂ 35 7 m ₂ 16 | 21 <u>⊕</u> 20 21 <u>⊕</u> 35 | 23 m.41 23 m.57 | 7 <u>ඉ</u> 20 7ඉ02 | 2Ω07 1Ω36 | 9 mp 03 8 mp 44 | 22 △ 43 22 △ 59 | 24 m. 45 25 m. 01 | 8516 7558 | 3 Ω 15 2 Ω 44 | 10 mg 30 10 mg 13 | 24 <u>a</u> 05 | 25 m. 49 26 m. 05 |
| - 1 | | | | | | | | - | | | | | | | |
| 35S 36S | 5948 5929 | 29©57 29©24 | 6 m 55 6 m 34 | 21 ⊆ 51 22 ⊆ 08 | 24 m 13 24 m 30 | 6 9 44 | 1Ω05 0Ω31 | 8 m, 25 8 m, 04 | 23 <u>a</u> 16 23 <u>a</u> 34 | 25 m. 18 25 m. 35 | 7940 7922 | 2Ω13 1Ω40 | 9 m ₂ 55 9 m ₂ 36 | 24 \(\omega \) 40 | 26m22 26m39 |
| 37S | 5910 | 28949 | 6 mg 11 | 22 <u>□</u> 26 | 24 m 47 | 6907 | 29957 | 7 m/ 43 | 23 ₾ 53 | 25 m 52 | 7903 | 1206 | 9 m, 15 | 25 □ 19 | 26m.57 |
| 38S | 4951 | 28@13 | | 22 △ 45 | | 5947 | 29©21 | | 24 ₾ 13 | 26 m 10 | 6943 | 0ຄ30 | | | 27m.15 |
| 39S | 4931 | 27536 | 5 m/21 | 23 ♀ 05 | 25 m 24 | 5927 | 28544 | 6 m, 56 | 24≗33 | 26 m 29 | 6923 | 29\$53 | 8 mp 31 | 26 ₾ 02 | 27m34 |
| 40S | 4910 | 26957 | 4 m 53 | 23 ₾ 25 | 25 m. 43 | 5906 | 28506 | 6 m 30 | 24 ♀ 56 | 26m.48 | 6903 | 29515 | 8 m 07 | 26 ₽ 25 | 27 m.53 |
| 41S 42S | 3549 3527 | 26©17 25©35 | 4 m/24 3 m/53 | 23 <u>⊕</u> 48 24 <u>⊕</u> 11 | 26m.03 26m.24 | 4 ବ୍ୟ 5 4 ବ୍ୟ 2 3 | 27©25 26©43 | 6 m, 02 5 m, 32 | 25 <u>a</u> 19 25 <u>a</u> 44 | 27m.09 27m.30 | 5941 5919 | 28@34 27@52 | 7 mp 41 7 mp 13 | 26 ♀ 50 27 ♀ 16 | 28 m 14 28 m 35 |
| 43S | 3904 | 24951 | 3 mg 19 | 24 ⋅ 36 | 26 m. 46 | 4900 | 25959 | 5 m ₂ 01 | 26 - 10 | 27 m 51 | 4956 | 27909 | 6 m 43 | 27 ⊆ 43 | 28 m 57 |
| 44S | 2941 | 24905 | 2 m/43 | 25 ♀ 03 | 27m.08 | 3 9 3 7 | 25ഇ13 | 4 m/ 27 | 26≏38 | 28 m 14 | 4933 | 26ഇ23 | 6 m) 11 | 28 🕰 13 | 29 m 20 |
| 45S | 2917 | 23 ഇ 16 | 2 mg 04 | 25 | 27 m 32 | 3ഇ12 | 24©25 | 3 m/50 | 27ჲ09 | 28 m 38 | 4908 | 25@35 | 5 m, 36 | 28 ≏ 45 | 29 m.43 |
| 46S | 1952 | 22526 | 1 m 22 | 26 ₾ 02 | 27 m 56 | 2947 | 23@35 | 3 m 10 | 27 △ 41 | 29 m 02 | 3943 | 249644 | 4 m 59 | 29 ₾ 18 | 0 7 08 |
| 47S 48S | 1 ୭ 26 0 ୭ 58 | 21©33 20©37 | 0 m ₂ 37 29 Ω47 | 26 ♀ 36 27 ♀ 11 | 28 m. 22 28 m. 49 | 2©21 1©54 | 22©41 21©46 | 2 m/26 1 m/39 | 28 ♀ 16 28 ♀ 53 | 29 m. 28 29 m. 55 | 3517 2550 | 23@51 22@55 | 4 m, 17 3 m, 33 | 29 <u>₽</u> 55 0m34 | 0 ₹ 34 1 ₹ 02 |
| 49S | 0930 | 19@38 | 28£52 | 27 ⊆ 11 27 ⊆ 50 | 29 m 17 | 1934 | 20947 | 0 m, 47 | 29 △ 34 | 0 🗷 24 | 2930 | 21956 | 2 m/ 43 | 1 m. 17 | 1 7 30 |
| 50S | 0ഇ01 | 18ഇ37 | 27Ω52 | 28 ₾ 33 | 29 m 47 | 0ഇ56 | 19ഇ45 | 29Ω49 | 0m.18 | 0 ₹ 54 | 1952 | 20@54 | 1 m ₂ 49 | 2 m 03 | 2 ₹ 00 |
| 51S | 29П31 | 17531 | 26⋒45 | 29 ₾ 19 | 0×18 | 0ഇ26 | 18539 | 28 A 46 | 1 m 07 | 1 ₹ 25 | 1932 | 19548 | 0 m/48 | 2 m 53 | 2 ₹ 32 |
| | 28 11 59 | 16522 | 25 € 32 | 0m.09 | 0∡51 | 29П54 | 17530 | 27 Ω 35 | 2 m 00 | 1 🗷 58 | 0549 | 18538 | 29 241 | 3 m. 48 | 3 🗷 05 |
| 53S 54S | 28 II 25 27 II 50 | 15©09 13©52 | 24Ω09 22Ω37 | 1 m 05 2 m 07 | 1 ₹ 26 2 ₹ 03 | 29 П20 28 П45 | 16©16 14©58 | 26Ω16 24Ω47 | 2 m. 58 4 m. 03 | 2 ₹ 34 3 ₹ 11 | 0915 291140 | 17©24 16©06 | 28 N 25 27 N 00 | 4 m 49 5 m 56 | 3 ₹ 40 4 ₹ 18 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 27 II 14 26 II 35 | 12©30 11©02 | 20£52 18£52 | 3 m 17 4 m 34 | 2 ₹ 42 3 ₹ 24 | 28 Π 08 27 Π 29 | 13©35 12©07 | 23 \Quad 05 21 \Quad 09 | 5 m 15 6 m 35 | 3 ₹ 50 4 ₹ 32 | 29 II 03 28 II 24 | 14©42 13©13 | 25 \Omega 23 \Omega 31 | 7 m.11 8 m.34 | 4 ₹ 57 5 ₹ 39 |
| | 25 II 55 | 9929 | 16 <i>Ω</i> 36 | 6m.02 | 4×109 | 26 II 49 | 10933 | 18£56 | 8 m 06 | 5 × 17 | 27 II 43 | 11538 | 21 \Omega 21 | 10 m 07 | 6 <i>₹</i> 24 |
| | 25 Д 13 | 7950 | 13 2 57 | 7m41 | 4 ₹ 57 | 26П06 | 8953 | 16 21 | 9m.48 | 6 ₹ 04 | 27П00 | 9957 | 18£50 | 11 m.52 | 7≯12 |
| | 24П28 | 6905 | 10⋒54 | 9m35 | 5 ≯ 48 | 25 П 21 | 7906 | 13 Q 19 | 11 m 46 | 6 <i>≯</i> 56 | 26 П 14 | 8509 | 15 N 52 | 13 m 52 | 8 ₹ 03 |
| | 23 11 40 | 4গু12 | 7£18 | 11m.47 | 6×43 | 24 Д 33 | 5©12 | 9 € 45 | 14m.00 | 7 ₹ 50 | 25 11 26 | 6913 | 12 \O 20 | 16m.09 | 8×157 |
| | 22 II 50 21 II 57 | 2©12 0©04 | 3 ഹ 04 28 ഇ 05 | 14m21 17m21 | 7∡42 8∡46 | 23 II 42 22 II 48 | 3ණ10 0ණ59 | 5Ω30 0Ω25 | 16m37 19m39 | 8 x 50 9 x 53 | 24 II 35 23 II 41 | 4909 1956 | 8 N 05 2 N 57 | 18 m. 48 21 m. 52 | 9∡56 11∡00 |
| 63S | 21 II 37 21 II 00 | 0904 27∏47 | 28903 22911 | 20m.55 | 9×146 | 21 II 51 | 28II40 | 24921 | 23 m 14 | 11 \$\tilde{x}^1 02 | 23 II 41 22 II 43 | 29 II 34 | 26©43 | 21 IIL 32 25 IL 27 | 12 🗷 09 |
| | 20 Д 00 | 25 II 20 | 15916 | 25 m 11 | 11 🗷 10 | 20 Д 50 | 26 II 11 | 17909 | 27 m 29 | 12 \$\sigma 18 | 21 Д41 | 27 Д 02 | 19512 | 29 m 39 | 13 🗷 24 |
| 65S | 18П55 | 22 II 44 | 7ഇ18 | 0 ₹ 19 | 12 ₹ 33 | 19П45 | 23 Д 31 | 8944 | 2 ₹ 32 | 13 ₹ 39 | 20П36 | 24 П 19 | 10ഇ18 | 4 <i>≱</i> 137 | 14 ₹ 45 |
| | 17Ⅱ46 | 19П58 | 28П24 | 6₹30 | 14 ≠ 03 | 18П36 | 20II42 | 29П14 | 8 ₹ 33 | 15 ₹ 09 | 19П25 | 21 Д26 | 0೦೦8 | 10∡28 | 16∡14 |
| pc | 17П05 | 18 I I20 | 23П06 | 10 ₹ 29 | 14 ₹ 57 | 17П54 | 19П02 | 23 II 34 | 12 ₹ 24 | 16 ₮ 03 | 18П44 | 19П43 | 24 I 101 | 14 ∡ 10 | 17∡08 |

| | Sid.Tir MC: | | 2m AR :57'53 | MC: 78 | °00' | Sid.Tir MC: | | 6m AR 53'17 | MC: 79 |)°00' | Sid.Tir MC: | ne: 5h20 20П | 0m AR :48'38 | MC: 80 |)°00' |
|------------|--------------------------------|------------------|--|----------------------------------|----------------------|----------------------------------|--------------------------------|--|----------------------------------|--------------------------------|--------------------------------|--------------------|--|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16\$35 | 15 ຄ.32 | 16 m, 57 | 19മ30 | 20m.26 | 17931 | 16ຄ32 | 18 m, 02 | 20മ34 | 21 m 25 | 18927 | 17 ຄ33 | 19 m, 07 | 21 ₾ 38 | 22 m 24 |
| 1S | 16©24 | 15Ω17 | 16 m 51 | 19≗37 | 20 m 35 | 17ഇ20 | 16Ω17 | 17 m/56 | 20요42 | 21 m 35 | 18©16 | 17Ω18 | 19 mg 02 | 21 △ 46 | 22 m 34 |
| 2S | 16512 | 15Ω01 | 16 m/45 | 19 ₾ 45 | 20 m. 45 | 17908 | 16Ω02 | 17 m 51 | 20 - 50 | 21 m.44 | 18905 | 17Ω03 | 18 m, 57 | 21 | 22 m 44 |
| 3S 4S | 16©01 15©49 | 14Ω46 14Ω30 | 16 mg 39 16 mg 33 | 19≗52 20≗00 | 20 m 55 21 m 04 | 16ඉ57 16ඉ45 | 15Ω47 15Ω31 | 17 m 45 | 20 <u>a</u> 58 | 21 m 54 22 m 04 | 17©53 17©41 | 16Ω48 16Ω33 | 18 m, 52 18 m, 47 | 22 <u>a</u> 03 | 22 m.54 23 m.04 |
| - 1 | | | | | | | | 17 m/40 | | | | | ~ | | |
| 5S 6S | 15 9 37 | 14Ω14 13Ω58 | 16 mg 26 16 mg 20 | 20 a 08 | 21 m.14 21 m.24 | 16 ඉ 34 16 ඉ 22 | 15Ω16 15Ω00 | 17 mp 34 17 mp 28 | 21 <u>□</u> 14 21 <u>□</u> 23 | 22 m 14 22 m 24 | 17©30 17©18 | 16Ω18 16Ω02 | 18 mp 41 18 mp 36 | 22 <u>a</u> 20 | 23 m 14 23 m 24 |
| 7S | 15920 | 13 Ω 42 | 16 mg 14 | 20 2 24 | 21 m 34 | 16922 16910 | 14Ω44 | 17 mg 23 | 21 <u>2</u> 23 | 22 m 34 | 17906 | 15 Ω 46 | 18 mg 30 | 22 <u>~</u> 38 | 23 m 34 |
| 8S | 15902 | 13 & 25 | 16 mg 07 | 20 ₾ 33 | 21 m.44 | 15958 | 14Ω28 | 17 mg 16 | 21 <u>□</u> 40 | 22 m 44 | 16955 | 15 Ω 30 | 18 mg 25 | 22 △ 47 | 23 m. 44 |
| 9S | 14950 | 13 ₪ 09 | 16 m, 00 | 20 🖴 41 | 21 m.54 | 15©46 | 14Ω11 | 17 m/10 | 21 ≙ 49 | 22 m 55 | 16943 | 15 Ω 14 | 18 m, 19 | 22 ≏ 57 | 23 m 55 |
| 10S | 14538 | 12£52 | 15 m ₂ 53 | 20 ♀ 50 | 22 m 05 | 15ഇ34 | 13 £ 54 | 17 m ₂ 03 | 21 <u>⊶</u> 58 | 23 m 05 | 16ഇ31 | 14Ω58 | 18 mg 13 | 23 ♀ 06 | 24 m.05 |
| 11S | 14526 | 12Ω34 | 15 mg 46 | 20 ⊆ 59 | 22 m 15 | 15ഇ22 | 13 Q 37 | 16 m, 57 | 22 ♀ 07 | 23 m 15 | 16ഇ19 | 14Ω41 | 18 m, 07 | 23 ≏ 16 | 24 m 16 |
| 12S | 149514 | 12Ω17 | 15 mg 39 | 21 ≏ 08 | 22 m 25 | 15©10 | 13 20 | 16 m 50 | 22 <u>⊶</u> 17 | 23 m 26 | 16©07 | 14Ω24 | 18 mg 01 | 23 ≏ 26 | 24 m 26 |
| 13S | 14901 | 11Ω59 | 15 m 31 | 21 <u>□</u> 17 | 22 m 36 | 14958 | 13 0 03 | 16 m 43 | 22 2 26 | 23 m 37 | 15@54 | 14 0.7 | 17 m 55 | 23 ₾ 36 | 24 m 37 |
| 14S | 13549 | 11Ω41 | 15 m/24 | 21 | 22 m 47 | 14945 | 12Ω45 | 16 m/36 | 22 ₽ 36 | 23 m 48 | 15942 | 13 Ω 49 | 17 mg 49 | 23 ♀46 | 24m.48 |
| 15S | 13@36 13@23 | 11 0 04 | 15 m 16 | 21 △ 36 21 △ 46 | 22 m 58 | 14533 | 12Ω27 12Ω08 | 16 m/29 | 22 <u>a</u> 46 | 23 m 59 | 15529 | 13 0 13 | 17 m 42 | 23 △ 57 24 △ 08 | 24m59 |
| 16S 17S | 13523 13510 | 11Ω04 10Ω44 | 15 mg 08 14 mg 59 | 21 ₾ 46 | 23 m 09 23 m 20 | 14©20 14©07 | 123108 11Ω49 | 16 mp 21 16 mp 14 | 22 <u>a</u> 57 | 24 m 10 24 m 21 | 15©16 15©04 | 13 Ω 13 12 Ω 54 | 17 m ₂ 35 | 24 <u>a</u> 08 | 25 m 11 25 m 22 |
| 17S | 12957 | 10 Ω 25 | 14 m/ 51 | 22 € 06 | 23 m 31 | 13954 | 11 Ω 30 | 16 mg 06 | 23 € 18 | 24 m 21 | 14951 | 128734 | 17 mg 28 | 24 <u>2</u> 19 | 25 m 34 |
| 19S | 12544 | 10205 | 14 m/42 | 22 ₾ 17 | 23 m.43 | 13941 | 11 2 10 | 15 m 58 | 23 ₾ 29 | 24 m 44 | 14937 | 12 & 16 | 17 mg 14 | 24 <u>□</u> 42 | 25 m.45 |
| 20S | 12530 | 9Ω44 | 14 m ₂ 33 | 22 | 23 m.55 | 13ഇ27 | 10 | 15 m _p 49 | 23 ≏ 41 | 24 m 56 | 14924 | 11£056 | 17 mg 06 | 24 <u> </u> | 25 m.57 |
| 21S | 12517 | 9ຄ23 | 14 m/24 | 22 ₾ 39 | 24 m 07 | 13ഇ14 | 10 & 29 | 15 m/41 | 23 ₾ 53 | 25 m 08 | 14ഇ10 | 11ω35 | 16 m 58 | 25 🖴 06 | 26m10 |
| 22S | 12©03 | 9⋒02 | 14 mg 14 | 22 | 24 m 19 | 13 5 00 | 10 A 08 | 15 m 32 | 24≗05 | 25 m 21 | 13557 | 11Ω14 | 16 m 50 | 25 ₾ 19 | 26m22 |
| 23S | 115349 | 8 A 40 | 14 m 04 | 23 ₾ 02 | 24m31 | 12546 | 9Ω46 | 15 m 23 | 24 <u>0</u> 17 | 25 m 33 | 13543 | 10Ω53 | 16 m 42 | 25 <u>a</u> 32 | 26m35 |
| 24S | 11535 | 8 N 18 | 13 m, 54 | 23 ₾ 15 | 24 m.44 | 12531 | 9⋒24 | 15 m, 13 | 24 ₾ 30 | 25 m. 46 | 13528 | 10.031 | 16 mg 33 | 25 △ 45 | 26m48 |
| 25S | 11520 | 7.054 | 13 m 43 | 23 2 27 | 24 m 57 | 12617 | 9001 | 15 m 03 | 24 <u>0</u> 43 | 25 m 59 | 13514 | 10 0 0 0 15 | 16 m 24 | 25 ₾ 59 | 27m.01 |
| 26S 27S | 11©05 10©50 | 7Ω31 7Ω06 | 13 m/32 13 m/20 | 23 <u>⊕</u> 40 23 <u>⊕</u> 54 | 25 m 10 25 m 24 | 12©02 11©47 | 8Ω38 8Ω14 | 14 m ₂ 53 14 m ₂ 42 | 24 <u>₽</u> 57 25 <u>₽</u> 11 | 26 m 13 26 m 26 | 12©59 12©44 | 9Ω45 9Ω21 | 16 mg 14 16 mg 05 | 26 □ 13 26 □ 28 | 27m.14 27m.28 |
| 28S | 10935 | 6Ω41 | 13 mg 08 | 24 <u>0</u> 08 | 25 m 38 | 11932 | 7Ω49 | 14 m ₂ 31 | 25 | 26 m 40 | 12529 | 8£57 | 15 m ₂ 54 | 26 - 24 | 27 m 42 |
| 29S | 10ഇ19 | 6 Q 15 | 12 m 55 | 24 ₾ 23 | 25 m 52 | 11©16 | 7ຄ23 | 14 m/19 | 25 △ 41 | 26m.55 | 12©13 | 8£31 | 15 m 44 | 27ჲ00 | 27m57 |
| 30S | 10ഇ03 | 5Ω49 | 12 mg 42 | 24 ₾ 38 | 26m.06 | 11500 | 6£57 | 14 m 07 | 25 ≏ 57 | 27 m 09 | 11957 | 8ณ05 | 15 m ₂ 33 | 27 ≏ 16 | 28 m. 12 |
| 31S | 9947 | 5ຄ21 | 12 m, 28 | 24 ⊆ 54 | 26m21 | 10ഇ43 | 6 Ω 29 | 13 m/54 | 26 2 14 | 27 m 24 | 11940 | 7ຄ38 | 15 m, 21 | 27 ≏ 33 | 28 m 27 |
| 32S | 9930 | 4£53 | 12 mg 14 | 25 ₾ 10 | 26m37 | 10©27 | 6Ω01 | 13 mg 41 | 26-231 | 27m.40 | 11524 | 7 N 10 | 15 mg 09 | 27 - 51 | 28 m. 42 |
| 33S 34S | 9©13 8©55 | 4 N 23 3 N 53 | 11 mp 58 11 mp 42 | 25 ♀ 27 25 ♀ 45 | 26 m. 53 27 m. 09 | 10©09 9©52 | 5Ω32 5Ω02 | 13 m ₂ 27 13 m ₂ 12 | 26 ♀ 49 27 ♀ 08 | 27 m 56 28 m 12 | 11©06 10©49 | 6Ω42 6Ω12 | 14 m/56 14 m/42 | 28 <u>a</u> 10 | 28 m 59 29 m 15 |
| - 1 | | | | | | | | | | | | | | | |
| 35S 36S | 8 ୭ 37 8 ୭ 18 | 3Ω21 2Ω49 | 11 m ₂ 25 11 m ₂ 08 | 26 ♀ 04 26 ♀ 24 | 27 m 26 27 m 43 | 9 9 34 | 4Ω31 3Ω58 | 12 m/56 12 m/40 | 27 2 28 27 2 48 | 28 m. 29 28 m. 46 | 10©31 10©12 | 5Ω41 5Ω08 | 14 m/28 14 m/13 | 28 ♀ 50 29 ♀ 12 | 29 m. 32 29 m. 50 |
| 37S | 7959 | 2015 | 10 mg 49 | 26 - 45 | 28 m 01 | 8956 | 3 N 24 | 12 mg 22 | 28 - 10 | 29 m 04 | 9953 | 4 N 35 | 13 m ₂ 57 | 29 □ 34 | 0.708 |
| 38S | 7940 | | 10 m, 29 | 27≗07 | 28 m 19 | 8937 | | 12 m/04 | 28 🕰 33 | 29 m 23 | 9934 | | 13 mg 40 | | 0.₹26 |
| 39S | 7ഇ20 | 1 203 | 10 m, 07 | 27 △ 30 | 28m38 | 8916 | 2 N 13 | 11 mg 44 | 28≗57 | 29 m 42 | 9©13 | 3 № 24 | 13 m/22 | 0 m 23 | 0.₹46 |
| 40S | 6 © 59 | 0ຄ24 | 9 m, 45 | 27 ≏ 54 | 28 m 58 | 7956 | 1 235 | 11 m/23 | 29 ₾ 22 | 0 ₮ 02 | 8953 | 2 ₪ 46 | 13 mg 03 | 0 N 49 | 1 ₹ 06 |
| 41S | 6938 | 29544 | 9 m, 20 | 28 🕰 19 | 29 m 18 | 7934 | 0£55 | 11 mg 01 | 29 △ 49 | 0 ₹ 22 | 8931 | 2⋒06 | 12 mg 42 | 1 m 17 | 1 ₹ 26 |
| 42S | 6916 | 29502 | 8 m 54 | 28 △ 47 | 29 m 40 | 7512 | 0 ຄ 13 29 ອ 30 | 10 m 37 | 0m.17 | 0 🗷 44 | 8509 | 1 \O 25 | 12 m 20 | 1 m 47 | 1 ₹ 48 2 ₹ 10 |
| 43S 44S | 5©53 5©29 | 28©19 27©33 | 8 m, 27 7 m, 56 | 29 ≗ 16 29 ≗ 47 | 0 ₹ 02 0 ₹ 25 | 6949 6926 | 29930 | 10 m, 11 9 m, 43 | 0m.47 1m.19 | 1 ₹ 06 1 ₹ 29 | 7946 7922 | 0 A 41 29 ອ 56 | 11 m ₂ 56 11 m ₂ 30 | 2 m 18 2 m 51 | 2×10 |
| 45S | 5905 | 26945 | 7 m ₂ 24 | 0 m 20 | 0 ₹ 49 | 6 9 01 | 27956 | 9 m ₂ 13 | 1 m. 54 | 1 🗷 53 | 6958 | 29508 | 11 m ₂ 03 | 3 m 27 | 2×33 |
| 45S | 4939 | 25954 | 6 mg 49 | 0 m 55 | 1×14 | 5936 | 27930 | 8 mg 40 | 2 m 30 | 2 × 18 | 6932 | 29908 | 10 mg 32 | 4 m 05 | 2 x · 3 8 |
| 47S | 4গু13 | 25©01 | 6 mg 10 | 1 m. 33 | 1 ₹ 40 | 5909 | 26912 | 8 mg 04 | 3 m 10 | 2×45 | 6906 | 27924 | 9 m, 59 | 4 m 45 | 3 ₹ 49 |
| 48S | 3546 | 24505 | 5 m, 28 | 2 m 14 | 2 🗷 07 | 4542 | 25©16 | 7 m 25 | 3 m. 52 | 3 🗷 12 | 5938 | 26528 | 9 m 23 | 5 m 29 | 4×17 |
| 49S | 3517 | 23506 | 4 m/42 | 2 m 58 | 2 ₹ 36 | 4913 | 24517 | 6 m/41 | 4m38 | 3 ₹ 41 | 5910 | 25\$29 | 8 m, 43 | 6m.17 | 4 ₹ 46 |
| 50S | 2547 | 22504 | 3 m 50 | 3 m 46 | 3 ₹ 06 | 3543 | 23515 | 5 m 54 | 5 m. 28 | 4 🗷 11 | 4540 | 24527 | 7 m 59 | 7 m 08 | 5 <i>₹</i> 16 |
| 51S 52S | 2©16 1©44 | 20ණ58 19ණ48 | 2 m, 53 1 m, 50 | 4m38 5m35 | 3 ₹ 38 4 ₹ 11 | 3©12 2©40 | 22©08 20©58 | 5 mg 00 4 mg 00 | 6m.22 7m.21 | 4 ₹ 43 5 ₹ 17 | 4 ඉ 09 3 ඉ 36 | 23©20 22©10 | 7 mg 09 6 mg 14 | 8 m 03 9 m 04 | 5 ₹ 48 6 ₹ 22 |
| 52S 53S | 19944 | 19948 | 0 mg 38 | 6m38 | 4×11 4×146 | 29940 | 19943 | 2 m/ 53 | 8 m 25 | 5 × 17 | 3930 | 229 10 | 5 mg 1 1 | 10 m 10 | 6×122 |
| 54S | 0935 | 179514 | 29 2 17 | 7m.47 | 5 ₹ 24 | 1930 | 18524 | 1 m ₂ 36 | 9m.36 | 6 <i>₹</i> 29 | 2526 | 19535 | 4 m ₂ 00 | 11 m. 23 | 7 <i>₹</i> 35 |
| 55S | 29П58 | 15950 | 27Ω44 | 9m.04 | 6 <i>₹</i> 103 | 0ഇ53 | 16959 | 0 m _p 09 | 10m.55 | 7 ₹ 09 | 19548 | 18509 | 2 m ₂ 37 | 12 m 44 | 8×14 |
| 56S | 29П18 | 14520 | 25 A 57 | 10m29 | 6 ≯ 45 | 0ഇ13 | 15@28 | 28 û 27 | 12 m 22 | 7 <i>₹</i> 151 | 1909 | 16938 | 1 m 02 | 14 m 13 | 8 ₹ 56 |
| 57S | 28 Д 37 | 12544 | 23 N 52 | 12m05 | 7 ₹ 30 | 29П32 | 13@52 | 26⋒29 | 14m.00 | 8×36 | 0ഇ27 | 15©00 | 29 A 10 | 15 m 52 | 9₹41 |
| 58S | 27II 54 | 11502 | 21 \Q26 | 13 m 53 | 8 🗷 18 | 28 11 48 | 12508 | 24 \O21 | 15 m 50 | 9 🗷 24 | 29 Д 43 | 13515 | 26 N 57 | 17 m. 43 | 10 ₹ 29 |
| 59S | 27II 08 | 9512 | 18.033 | 15 m 55 | 9 🗷 09 | 28 11 02 | 10517 | 21 \O 21 | 17 m.53 | 10 \$7 15 | 28 11 57 | 11523 | 24 \O 17 | 19 m 49 | 11 🗷 20 |
| 60S | 26 II 19 | 7915 | 15 0 0 4 | 18m.14 | 10 🗷 04 | 27 II 13 | 8518 | 17.057 | 20 m 14 | 11 🗷 09 | 28 II 07 | 9922 | 21 \Q 01 | 22 m 10 | 12 7 14 |
| 61S 62S | 25 II 28 24 II 33 | 5න09 2න54 | 10Ω51 5Ω41 | 20 m.54 23 m.58 | 11 ∡ 03 12 ∡ 06 | 26 II 21 25 II 26 | 6 ඉ 10 3 ඉ 53 | 13 N 48 8 N 38 | 22 m 55 25 m 59 | 12 ₹ 08 13 ₹ 11 | 27 II 15 26 II 19 | 7©12 4©53 | 16Ω57 11Ω49 | 24 m 51 27 m 56 | 13 ₹ 13 14 ₹ 16 |
| 63S | 23 II 35 | 0929 | 29518 | 27 m 33 | 12×106 | 23 II 26 24 II 27 | 1925 | 2 N 09 | 29 m 32 | 13 x · 11 14 z · 20 | 25 II 20 | 2922 | 5Ω16 | 27 IL 30 1 ₹ 27 | 15×16 |
| 64S | 22 Д 33 | 27II 54 | 21 5 29 | 1 🗷 42 | 14 ₹ 29 | 23 П25 | 28 II 47 | 24901 | 3 🗷 39 | 15 ₹ 34 | 24 II 17 | 29П41 | 26952 | 5 ₹ 30 | 16 ₹ 38 |
| 65S | 21 Д26 | 25П08 | 12©03 | 6₹35 | 15 ₹ 50 | 22 п 18 | 25 Д 57 | 14ഇ00 | 8 ₹ 25 | 16∡54 | 23П09 | 26П48 | 16ഇ13 | 10 ₹ 09 | 17 <i>≱</i> 58 |
| 66S | 20 II 15 | 22 II 10 | 1906 | 12 ₹ 15 | 17∡19 | 21 II 06 | 22II56 | 2509 | 13 × 55 | 18 ₹ 22 | 21 Д 56 | 23 II 42 | 3520 | 15 ₹ 30 | 19 ₹ 25 |
| pc | 19П33 | 20П26 | 24II29 | 15 ₹ 49 | 18∡12 | 20П23 | 21П09 | 24 II 57 | 17 ₹ 22 | 19∡15 | 21 Д 13 | 21 Д 52 | 25 11 24 | 18 ₹ 49 | 20 द्र 17 |
| | | | | eliptic of | | | | | | | | | ļ. | | _ |

| | Sid.Tir MC: | | 4m AR :43'55 | MC: 81 | °00' | Sid.Tir MC: | | 8m AR 39'09 | MC: 82 | 2°00' | Sid.Tir MC: | 11 12 Asc 2 3 1 | | | | | | | | | |
|------------|----------------------------------|------------------|----------------------|----------------------------------|----------------------|----------------------|--------------------------------|-----------------------|----------------------------------|----------------------|----------------------|--------------------|--|--------------------|--------------------------------|--|--|--|--|--|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | | | | | | |
| os | 19ഇ24 | 18ຄ34 | 20 m, 12 | 22 <u>⊶</u> 42 | 23 m.23 | 20@20 | 19£35 | 21 m, 17 | 23 <u>₽</u> 46 | 24 m. 21 | 215516 | 20 ຄ36 | 22 m/22 | 24 <u>⊶</u> 49 | 25 m 20 | | | | | | |
| 1S | 19©12 | 18 Ω 19 | 20 m, 07 | 22 ⊆ 50 | 23 m 33 | 20ഇ09 | 19⋒20 | 21 m/13 | 23 ≏ 55 | 24 m 32 | 219905 | 20 22 | 22 mg 19 | 24≗59 | 25 m 30 | | | | | | |
| 2S | 19©01 | 18£05 | 20 m, 03 | 22 ≏ 59 | 23 m 43 | 19©57 | 19£06 | 21 m, 09 | 24 △ 04 | 24 m 42 | 20@54 | | | | 25 m.40 | | | | | | |
| 3S | 18549 | 17.050 | 19 m 58 | 23 ₾ 08 | 23 m 53 | 19546 | 18£52 | 21 m 05 | 24 ₾ 13 | 24 m 52 | 20542 | | | | | | | | | | |
| 4S | 18538 | 17Ω35 | 19 m, 54 | 23 ♀ 17 | 24 m 03 | 19934 | 18£37 | 21 m/01 | 24 | 25 m 02 | | | | | | | | | | | |
| 5S | 18526 | 17.020 | 19 m 49 | 23 <u>a</u> 26 23 <u>a</u> 35 | 24 m 13 | 19523 | 18.022 | 20 m 56 | 24 <u>0</u> 32 | 25 m 12 | | | | | 26m11 | | | | | | |
| 6S 7S | 18©15 18©03 | 17Ω04 16Ω49 | 19 mg 44 19 mg 39 | 23 <u>a</u> 45 | 24 m 23 24 m 34 | 19 © 11 | 18Ω07 17Ω52 | 20 m/52 20 m/48 | 24 <u>a</u> 41 | 25 m. 22 25 m. 33 | | | | | | | | | | | |
| 8S | 17951 | 16Ω33 | 19 mg 34 | 23 ⊆ 43 | 24 m 44 | 18948 | 17.036 | 20 mg 43 | 25 2 01 | 25 m 43 | 19935 | | | | 26 m 43 | | | | | | |
| 9S | 17539 | 16Ω17 | 19 m, 29 | 24 🕰 04 | 24 m 54 | 18ള36 | 17 Ω 21 | 20 m/39 | 25 - 11 | 25 m 54 | 19ള33 | | | | 26 m 53 | | | | | | |
| 10S | 17927 | 16£01 | 19 m 24 | 24 ≏ 14 | 25 m 05 | 18ഇ24 | 17Ω05 | 20 m 34 | 25 ≏ 22 | 26 m 05 | 19521 | 18 A 09 | 21 m 45 | 26 2 29 | 27 m.04 | | | | | | |
| 11S | 179515 | 15 Ω 45 | 19 mg 18 | 24 | 25 m 16 | 18912 | 16Ω49 | 20 m/29 | 25 ≏ 32 | 26m.16 | 19509 | | _ | | 27 m 15 | | | | | | |
| 12S | 17ഇ03 | 15 ຄ 28 | 19 mg 13 | 24 🕰 35 | 25 m 27 | 18ഇ00 | 16⋒32 | 20 m/24 | 25 ≏ 43 | 26m26 | 18957 | 17£37 | 21 m/36 | 26₽51 | 27 m 26 | | | | | | |
| 13S | 16951 | 15Ω11 | 19 m, 07 | 24 △ 45 | 25 m 37 | 17948 | 16Ω15 | 20 m, 19 | 25 ≏ 54 | 26m38 | 18945 | | | | 27m37 | | | | | | |
| 14S | 16539 | 14£054 | 19 mg 01 | 24≗56 | 25 m 49 | 17935 | 15 A 58 | 20 m, 14 | 26≗05 | 26m49 | 18933 | 17Ω03 | | 27 ₾ 14 | 27m49 | | | | | | |
| 15S | 16526 | 14Ω36 | 18 m, 55 | 25 ♀ 07 | 26m.00 | 17523 | 15Ω41 | 20 m, 09 | 26 □ 17 | 27m.00 | 18520 | | | | 28 m 00 | | | | | | |
| 16S | 16500 | 14 \Q 18 | 18 m 49 | 25 <u>0</u> 18 | 26m11 | 17510 | 15Ω23 | 20 m 03 | 26 ♀ 29 26 ♀ 41 | 27 m 12 | 18508 | | _ | | 28 m 12 | | | | | | |
| 17S 18S | 16 ඉ 00 15 ඉ 47 | 13Ω59 13Ω41 | 18 mg 43 18 mg 36 | 25 ♀ 30 25 ♀ 42 | 26 m. 23 26 m. 34 | 16ඉ58 16ඉ45 | 15Ω05 14Ω47 | 19 m, 58 19 m, 52 | 26 <u>₽</u> 41 26 <u>₽</u> 53 | 27 m. 23 27 m. 35 | 17955 | 15 253 | 21 m, 13 21 m, 08 | 2/£51 28£04 | 28 m 25 | | | | | | |
| 19S | 15934 | 13 & 21 | 18 mg 30 | 25 ≗ 42 25 ≗ 54 | 26 m 46 | 16931 | 148247 14\O28 | 19 mg 46 | 20±33 27£05 | 27 m 47 | 179342 | 15 N 34 | 21 mg 02 | 28 2 17 | 28 m. 48 | | | | | | |
| 20S | 15©21 | 13 \O2 | 18 m ₂ 23 | 26 2 06 | 26m.59 | 16©18 | 14Ω08 | 19 m ₂ 40 | 27 - 18 | 27 m 59 | 17:515 | 15Ω15 | 20 m ₂ 57 | 28 ₾ 30 | 29 m 00 | | | | | | |
| 21S | 15907 | 12 \O 42 | 18 mg 16 | 26 - 19 | 27 m 11 | 16905 | 13 \Omega 49 | 19 mg 34 | 27 ≘ 18 | 28 m 12 | 17902 | 14Ω56 | 20 mg 51 | 28 - 44 | 29 m 12 | | | | | | |
| 22S | 14954 | 12@21 | 18 mg 08 | 26 🕰 32 | 27 m 23 | 15951 | 13 Q 28 | 19 m 27 | 27 ≏ 46 | 28 m 24 | 16948 | 14Ω36 | 20 mg 46 | 28 🕰 59 | 29 m 25 | | | | | | |
| 23S | 14940 | 12200 | 18 mg 01 | 26≏46 | 27m36 | 15©37 | 13 a 07 | 19 m 20 | 28≗00 | 28m37 | 16534 | 14Ω15 | 20 m/40 | 29 ≏ 13 | 29 m 38 | | | | | | |
| 24S | 14925 | 11 A 38 | 17 m, 53 | 27≗00 | 27m49 | 15©23 | 12 <i>Q</i> 46 | 19 m, 13 | 28 ≏ 14 | 28 m 50 | 16520 | 13 Ω 54 | 20 mg 34 | 29 ₾ 28 | 29 m 51 | | | | | | |
| 25S | 149511 | 11 Q 16 | 17 mg 45 | 27 ≏ 14 | 28 m 03 | 15ഇ08 | 12⋒24 | 19 mg 06 | 28 ≏ 29 | 29 m 04 | 16906 | 13 ⋒33 | 20 m, 27 | 29 ≏ 44 | 0 ₹ 05 | | | | | | |
| 26S | 13556 | 10Ω53 | 17 mg 36 | 27 <u>2</u> 29 | 28 m 16 | 14953 | 12001 | 18 m, 58 | 28 <u>4</u> 5 | 29 m 18 | 15951 | 13 Ω 10 | 20 m/20 | 0 m 00 | 0 7 19 | | | | | | |
| 27S | 135541 | 10.030 | 17 m 27 | 27 ≏ 45 | 28 m 30 | 14538 | 11.014 | 18 m 50 | 29 ♣ 01 | 29 m 32 | 15@36 | 12 \Omega 47 | 20 m 13 | 0m.17 | 0 7 3 3 | | | | | | |
| 28S 29S | 13©26 13©10 | 10Ω05 9Ω40 | 17 mp 18 17 mp 08 | 28 <u>a</u> 01 | 28 m. 44 28 m. 59 | 14©23 14©07 | 11Ω14 10Ω49 | 18 m, 42 18 m, 33 | 29 <u>a</u> 18 29 <u>a</u> 35 | 29 m. 46 0 ≈ 01 | 15©21 15©05 | 12 Ω 24 11 Ω 59 | 20 mg 06 19 mg 59 | 0 m 34 0 m 52 | 0 ₹ 47 1 ₹ 02 | | | | | | |
| 30S | 12554 | 9Ω14 | 16 m ₂ 58 | 28 <u>-</u> 35 | 29 m 14 | 13951 | 10 Ω 24 | | 29 <u>-</u> 53 | 0×01 | 14949 | 11ω34 | | 1 m. 10 | 1 7 17 | | | | | | |
| 31S | 12934 | 93714 8Ω48 | 16 mg 48 | 28 <u>2</u> 53 | 29 m 29 | 13935 | 9Ω58 | 18 m, 24 18 m, 15 | 29 2 233 | 0 x 10 | 14933 | 11 Ω 08 | 19 m ₂ 51 19 m ₂ 42 | 1 m 30 | 1 2 33 | | | | | | |
| 32S | 12530 | 8 N 20 | 16 mg 37 | 29 □ 11 | 29 m 45 | 13938 | 9230 | 18 mp 05 | 0m.31 | 0×31 | 14933 | 10Ω41 | 19 mg 34 | 1 m 50 | 1 7 49 | | | | | | |
| 33S | 12©04 | 7£51 | 16 m/25 | 29 ₾ 31 | 0 ₹ 01 | 13501 | 9ຄ02 | 17 m 55 | 0m.51 | 1 ≉ 03 | 13559 | 10Ω13 | 19 m 25 | 2 m 11 | 2 ₹ 05 | | | | | | |
| 34S | 115646 | 7 a 22 | 16 mg 13 | 29≗51 | 0∡18 | 12944 | 8£33 | 17 mp 44 | 1 m 12 | 1 ₹ 20 | 13941 | 9Ω44 | 19 m, 15 | 2 m 32 | 2 ₹ 22 | | | | | | |
| 35S | 11528 | 6£51 | 16 mg 00 | 0 m. 12 | 0∡35 | 12©26 | 8£02 | 17 m/32 | 1 m.34 | 1 ∡ 37 | 13523 | 9Ω14 | 19 m ₂ 05 | 2 m 55 | 2 ₹ 39 | | | | | | |
| 36S | 11510 | 6Ω19 | 15 mg 46 | 0m.35 | 0 ₹ 52 | 12507 | 7£31 | 17 m/20 | 1 m 57 | 1 🗷 55 | 13505 | 8 N 43 | 18 m, 54 | 3 m 19 | 2 ₹ 57 | | | | | | |
| 37S | 10550 | 5046 | 15 m 32 | 0m.58 | 1711 | 11548 | 6£58 | 17 m 07 | 2m.21 | 2 🗷 13 | 12546 | 8 N 10 | 18 m 43 | 3 m. 44 | 3 🗷 15 | | | | | | |
| 38S 39S | 10 © 31 | 4Ω35 | 15 mg 16 15 mg 00 | 1 m. 23 1 m. 49 | 1 ₹ 29 1 ₹ 49 | 11©28 11©08 | 5 £ 123 | 16 m 53 16 m 38 | 2 m 47 3 m 14 | 2 × 32 2 × 52 | 12©26 12©06 | 78136 7801 | 18 mg 30 18 mg 18 | 4 m. 10 4 m. 38 | 3 ₹ 34 3 ₹ 54 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 40S 41S | 9ഇ50 9ഇ28 | 3 N 58 | 14 mg 42 14 mg 24 | 2 m 16 2 m 45 | 2 ₹ 09 2 ₹ 30 | 10ඉ47 10ඉ26 | 5Ω10 4Ω31 | 16 mg 23 16 mg 06 | 3 m. 42 4 m. 12 | 3 ₹ 12 3 ₹ 33 | 11©45 11©23 | 6Ω23 5Ω45 | 18 mg 04 17 mg 49 | 5 m 07 5 m 38 | 4 ₹ 14 4 ₹ 35 | | | | | | |
| 42S | 9906 | 2237 | 14 mg 04 | 3 m 15 | 2×30 | 10 3 20 | 3 \$\Omega 50\$ | 15 mg 48 | 4 m. 43 | 3 × 54 | 11901 | 5 Ω 04 | 17 mg 33 | 6m.10 | 4×33 | | | | | | |
| 43S | 8943 | 1ω54 | 13 mg 42 | 3 m 48 | 3 ₹ 14 | 9541 | 3⋒07 | 15 m/ 29 | 5m.16 | 4 <i>≯</i> 17 | 10538 | 4Ω21 | 17 mg 16 | 6 m 44 | 5₹20 | | | | | | |
| 44S | 8গু19 | 1Ω08 | 13 mg 19 | 4 m 22 | 3 ≯ 37 | 9ഇ17 | 2 ນ 22 | 15 m, 08 | 5 m.52 | 4 ₹ 40 | 10ഇ14 | 3 ຄ 36 | 16 m, 58 | 7 m 21 | 5 ₹ 43 | | | | | | |
| 45S | 7 © 55 | 0ຄ21 | 12 m ₂ 53 | 4 m 59 | 4 ₹ 01 | 8গু52 | 1 a 34 | 14 m/45 | 6m30 | 5 ₹ 05 | 9950 | 2 ⋒ 49 | 16 m ₂ 37 | 8 m.00 | 6₹08 | | | | | | |
| 46S | 7\$29 | 29531 | 12 m 26 | 5m38 | 4 <i>≯</i> 27 | 8927 | 0Ω44 | 14 m 20 | 7m.10 | 5 ₹ 30 | 9524 | 1 2 5 9 | 16 mg 16 | 8m.41 | 6 ₹ 33 | | | | | | |
| 47S | 7503 | 28538 | 11 m 56 | 6m20 | 4 ₹ 53 | 8500 | 29552 | 13 m 53 | 7 m 53 | 5 × 57 | 8957 | 1 0 0 1 1 | 15 m 52 | 9 m 25 | 7×100 | | | | | | |
| 48S 49S | 6 ඉ 35 | 275642 265642 | 11 m/23 10 m/46 | 7 m 05 7 m 54 | 5 ₹ 21 5 ₹ 50 | 7932 7903 | 28©56 27©57 | 13 m/23 12 m/50 | 8 m. 40 9 m. 30 | 6 x 25 | 8930 8901 | 0Ω11 29©12 | 15 m/25 14 m/56 | 10 m 13 11 m 04 | 7 ₹ 28 7 ₹ 57 | | | | | | |
| | | | | | | | | - | | | | | | | | | | | | | |
| 50S 51S | 5ഇ36 5ഇ05 | 25©40 24©33 | 10 mg 05 9 mg 20 | 8 m 46 9 m 44 | 6₹20 6₹52 | 6 9 33 | 26©54 25©47 | 12 m, 14 11 m, 33 | 10 m. 24 11 m. 22 | 7 ₹ 24 7 ₹ 56 | 7531 6559 | 28©09 27©03 | 14 m ₂ 24 13 m ₂ 47 | 11 m 59 12 m 59 | 8 ₹ 28 9 ₹ 00 | | | | | | |
| 51S 52S | 4932 | 24933 | 9 ng 20 8 ng 29 | 10m.46 | 0×32 7×26 | 5929 | 259947 24936 | 11 llp 33 10 mp 47 | 11 IIL 22 12 ML 26 | 8 × 30 | 6939 | 25952 | 13 mg 06 | 14 m 04 | 9 \$7 33 | | | | | | |
| 53S | 3958 | 22507 | 7 m/ 32 | 11 m. 54 | 8 ₹ 02 | 4955 | 23 5 21 | 9 m ₂ 55 | 13 m 35 | 9 \$7 05 | 5951 | 24936 | 12 m/ 20 | 15 m 14 | 10 🗷 09 | | | | | | |
| 54S | 3522 | 20ഇ47 | 6 m, 26 | 13 m 08 | 8 ₹ 39 | 4গু18 | 22ഇ00 | 8 m 55 | 14m.51 | 9 ₹ 43 | 5915 | 23 5 15 | 11 m, 26 | 16m.31 | 10∡46 | | | | | | |
| 55S | 25644 | 19©21 | 5 m, 10 | 14m.30 | 9 ∡ 19 | 3940 | 20ഇ34 | 7 m, 46 | 16 m. 14 | 10 ₹ 23 | 4937 | 21 5 48 | 10 m, 24 | 17m.56 | 11.₹26 | | | | | | |
| 56S | 2504 | 175649 | 3 m/41 | 16m01 | 10∡01 | 3 5 0 0 | 19©01 | 6 m/ 25 | 17m46 | 11 ₹ 05 | 3957 | 20ഇ14 | 9 m, 12 | 19 m 29 | 12∡08 | | | | | | |
| 57S | 1 5 2 2 | 16510 | 1 m 57 | 17m.42 | 10 ₹ 46 | 2518 | 17©21 | 4 m/49 | 19m.28 | 11 🗷 49 | 3514 | 18534 | 7 m ₂ 45 | 21 m 12 | 12 ₹ 53 | | | | | | |
| 58S | 0938 | 14524 | 29 A 52 | 19 m 34 | 11 🗷 33 | 1934 | 15534 | 2 m 54 | 21 m.22 | 12 7 37 | 2530 | 16546 | 6 mp 01 | 23 m 06 | 13 🗷 40 | | | | | | |
| 598 | 29П51 | 12530 | 27.0.21 | 21 m. 40 | 12 <i>₹</i> 24 | 0947 | 13539 | 0 m 33 | 23 m 29 | 13 🗷 28 | 19542 | 14950 | 3 m 53 | 25 m 14 | 14 🗷 31 | | | | | | |
| 60S | 29 II 02 | 10528 | 24 \Q 14 | 24 m 03 | 13 🗷 19 | 29 Д 57 | 11935 | 27 N 38 | 25 m. 51 | 14 🗷 22 | 0@52 | 12544 | 1 m 11 | 27 m 36 | 15 🗷 25 | | | | | | |
| 61S | 28П09 27П13 | 8©16 5©54 | 20Ω19 | 26 m 44 | 14×17 | 29 II 03 28 II 07 | 9 © 21 6 © 57 | 23 \Omega 54 | 28 m 32 | 15 × 20 | 29 Д 58 | 10©28 8©01 | 27Ω44 23Ω08 | 0 x 16 | 16≯23 17≯25 | | | | | | |
| 62S 63S | 26II 13 | 3934 | 15Ω17 8Ω44 | 29 m. 47 3 ∡ 16 | 15 ₹ 20 16 ₹ 28 | 28 II 07 27 II 07 | රිමට/ 4ම21 | 19 ຄ 03 12 ຄ 34 | 1 ₹ 34 5 ₹ 00 | 16 ₹ 23 17 ₹ 30 | 29 II 01 28 II 01 | 5922 | 238108 16Ω50 | 3 ∡ 16 6 ∡ 40 | 18 \$\times 32 | | | | | | |
| 64S | 25 II 09 | 0936 | 0£05 | 7 ₹ 15 | 17×28 | 26 II 02 | 1933 | 3 \Omega 44 | 8 × 55 | 18 🗷 43 | 26 II 56 | 2930 | 7.057 | 10 \$730 | 19 🗷 45 | | | | | | |
| 65S | 24П01 | 27П39 | 18945 | 11∡48 | 19∡00 | 24П53 | 28II32 | 21 5 44 | 13 ₹ 21 | 20 ₹ 02 | 25 Д 46 | 29П25 | 25©18 | 14 ₹ 50 | 21 🗷 03 | | | | | | |
| 66S | 22 Д 48 | 24II 29 | 4939 | 16 🗷 59 | 20 🗷 27 | 23 Д 39 | 25 II 17 | 6912 | 18 🗷 23 | 21 🗷 28 | 24 II 31 | 26 II 06 | 8902 | 19 🗷 43 | 22 🗷 28 | | | | | | |
| рс | 22 Д 04 | 22 Д 37 | 25 Ц 52 | 20 ₹ 11 | 21 ₹ 19 | 22 Д 55 | 23 Д22 | 26П19 | 21 ≉ 28 | 22 ₹ 19 | 23 Д 47 | 24 II 08 | 26П47 | 22 ₹ 42 | 23 ₹ 19 | | | | | | |
| Calcula | | | | | | | | | | | | | ļ. | | | | | | | | |

| | Sid.Tin MC: | | 6m AR 29'31 | MC: 84 | ·°00' | Sid.Tir MC: | | 0m AR 24'39 | MC: 85 | 5°00' | Sid.Tir MC: | | 4m AR (19'45 | CMC: 86 | ;°00' |
|--------------|----------------------------------|---------------------------------|--|--|--------------------------------|----------------------|----------------------|----------------------|--------------------|--------------------|--------------------|----------------------------------|----------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 22ഇ13 | 21 237 | 23 m ₂ 27 | 25 ♀ 53 | 26m.18 | 23509 | 22.038 | 24 m 33 | 26≗56 | 27 m 16 | 24506 | 23 240 | 25 m ₂ 38 | 27 <u>₽</u> 59 | 28 m 14 |
| 1S | 22©01 | 21 23 | 23 m/24 | 26 🖴 02 | 26 m 29 | 22\$58 | 22 2 25 | 24 m/30 | 27≗06 | 27 m 27 | 23955 | 23 27 | 25 m/36 | 28 ₾ 10 | 28m25 |
| 2S | 21@50 | 21 21 10 | 23 m/21 | 26 🕰 12 | 26 m 39 | 22947 | 22 12 | 24 m/28 | 27≗16 | 27m37 | 23ණ44 | 23 & 14 | 25 m/34 | 28 ₾ 20 | 28m35 |
| 38 | 21539 | 20256 | 23 m 18 | 26 | 26 m. 49 | 22536 | 21 258 | 24 m/25 | 27 <u>2</u> 27 | 27m48 | 23933 | 23 \Quad 01 | 25 m 32 | 28 - 31 | 28m46 |
| 4S | 21528 | 20 A 42 | 23 m, 15 | 26 ₾ 32 | 27m00 | 22524 | 21 244 | 24 m, 22 | 27 ≗ 37 | 27 m 58 | 23521 | 22 N 47 | 25 m/30 | 28 ≏ 42 | 28m.56 |
| 5S | 21516 | 20Ω27 | 23 mg 12 | 26 4 3 | 27m.10 | 22513 | 21 230 | 24 m/20 | 27 ≏ 48 | 28m09 | 23510 | 22 N 33 | 25 m/28 | 28 ≏ 53 | 29m07 |
| 6S | 21905 | 20 \Q 13 | 23 m 09 | 26 ₾ 53 | 27 m.21 | 22502 | 21 216 | 24 m 17 | 27 △ 59 | 28 m 19 | 22559 | 22 \Q 20 | 25 m 26 | 29 ₾ 04 | 29m18 |
| 7S 8S | 20©53 20©42 | 19Ω58 19Ω43 | 23 m, 05 23 m, 02 | 27 ♀ 04 27 ♀ 14 | 27 m.31 27 m.42 | 21©50 21©39 | 21 Ω 02 20 Ω 47 | 24 mp 14 24 mp 12 | 28 ♀ 10 | 28 m 30 28 m 41 | 22©47 22©36 | 22 \Omega 06 21 \Omega 51 | 25 m/23 25 m/21 | 29 △ 15 29 △ 27 | 29 m 29 29 m 40 |
| 9S | 20930 | 19 28 | 22 m 59 | 27 ≘ 1 7 27 ≘ 25 | 27 m 53 | 21 5 27 | 20232 | 24 m ₂ 09 | 28 □ 32 | 28 m 52 | 22524 | 21 237 | 25 m 19 | 29 a 39 | 29 m 50 |
| 10S | 20ഇ18 | 19Ω13 | 22 m 55 | 27≗37 | 28 m 04 | 21 5 15 | 20Ω17 | 24 m 06 | 28 ≏ 44 | 29 m.03 | 22513 | 21 22 | 25 mg 16 | 29 ≏ 51 | 02 تح |
| 11S | 20506 | 18£57 | 22 m 51 | 27 △ 48 | 28 m 15 | 21903 | 20202 | 24 m ₂ 03 | 28 - 55 | 29 m 14 | 22501 | 21 & 07 | 25 mg 14 | 0 m 03 | 0×02 |
| 12S | 19ഇ54 | 18Ω41 | 22 m/48 | 28 🖴 00 | 28 m 26 | 20ഇ51 | 19Ω47 | 24 m/00 | 29≗07 | 29 m 25 | 21 5 49 | 20 2 52 | 25 m/12 | 0 m 15 | 0 ₹ 24 |
| 13S | 19ഇ42 | 18⋒25 | 22 m/44 | 28 🕰 11 | 28m37 | 20ഇ39 | 19£31 | 23 m 56 | 29₽20 | 29m36 | 21937 | 20⋒36 | 25 mj 09 | 0 m 28 | 0 ₹ 36 |
| 14S | 19930 | 18£09 | 22 mg 40 | 28 ₾ 23 | 28 m.48 | 20ഇ27 | 19Ω15 | 23 m, 53 | 29 ₾ 32 | 29m48 | 21 5 25 | 20 20 | 25 m, 06 | 0m41 | 0 ₹ 47 |
| 15S | 19©17 | 17£52 | 22 m/36 | 28 ₾ 36 | 29m00 | 20ഇ15 | 18£58 | 23 m 50 | 29 △ 45 | 29 m 59 | 21@12 | 20 A 04 | 25 m, 04 | 0 m 54 | 0 ₹ 59 |
| 16S | 19505 | 17.035 | 22 m 32 | 28 <u>2</u> 48 | 29 m 12 | 20502 | 18.041 | 23 m 46 | 29 <u>a</u> 58 | 0 7 11 | 21500 | 19 0 48 | 25 m 01 | 1 m 07 | 1 7 11 |
| 17S 18S | 18©52 18©39 | 17Ω17 17Ω00 | 22 m/28 22 m/23 | 29 ♀ 01 | 29 m.23 29 m.35 | 19©50 19©37 | 18Ω24 18Ω06 | 23 m/43 23 m/39 | 0m.11 0m.25 | 0 ₹ 23 0 ₹ 35 | 20©47 20©35 | 19Ω31 19Ω14 | 24 m/58 24 m/55 | 1 m 21 1 m 35 | 1 ₹23 1 ₹35 |
| 19S | 18939 | 16Ω41 | 22 m 19 | 29 2 28 | 29 m 48 | 19937 | 17Ω49 | 23 m 36 | 0 m 39 | 0 x 33 | 20933 | 18256 | 24 m 52 | 1 m 50 | 1 x 33 |
| 20S | 18913 | 16Ω23 | 22 m 14 | 29 △ 42 | 0.₹00 | 19911 | 17ω30 | 23 m 32 | 0 m 54 | 1 2 00 | 20009 | 18£38 | 24 m 49 | 2 m 05 | 2 🗷 00 |
| 21S | 18900 | 16Ω03 | 22 m 09 | 29 - 56 | 0x 00 | 18957 | 17.011 | 23 m/ 28 | 1 m 08 | 1 🗷 13 | 19955 | 18 N 20 | 24 m/ 46 | 2 m 20 | 2×00 |
| 22S | 17ഇ46 | 15⋒44 | 22 m 05 | 0m.11 | 0∡26 | 18944 | 16252 | 23 m/24 | 1 m. 24 | 1 ₹ 26 | 19542 | 18£01 | 24 m 43 | 2 m 36 | 2 ₹ 26 |
| 23S | 17532 | 15 \O 23 | 21 m 59 | 0 m 26 | 0 🗷 39 | 18530 | 16.032 | 23 m 19 | 1 m 39 | 1 🗷 39 | 19528 | 17Ω41 | 24 m/39 | 2 m 52 | 2 🗷 39 |
| 24S | 17518 | 15Ω03 | 21 m, 54 | 0m.42 | 0 ₹ 52 | 18516 | 16Ω12 | 23 m, 15 | 1 m 55 | 1 ₹ 52 | 19514 | 17Ω21 | 24 m/36 | 3 m 08 | 2 ₹ 53 |
| 25S | 17903 | 14Ω41 | 21 m/49 | 0 m. 58 | 1 ₹ 06 | 18501 | 15Ω51 | 23 m 10 | 2m.12 | 2 ₹ 06 | 18959 | 17Ω00 | 24 m 32 | 3 m 25 | 3 ₹ 06 |
| 26S 27S | 16 9 49 16 9 34 | 14Ω19 13Ω57 | 21 m 43 | 1 m 15 | 1 ₹ 20 1 ₹ 34 | 17947 17932 | 15Ω29 15Ω07 | 23 m 05 | 2 m 29 | 2 × 20 | 18 9 45 | 16Ω39 16Ω17 | 24 m 28 | 3 m 43 | 3 ₹ 21 3 ₹ 35 |
| 27S 28S | 16934 | 13 Ω 34 | 21 m ₂ 37 21 m ₂ 31 | 1 m 32 1 m 50 | 1 x 34 | 17932 | 138707 | 23 m, 00 22 m, 55 | 2 m 47 3 m 05 | 2 x 35 2 x 49 | 18930 | 15Ω55 | 24 m/24 24 m/20 | 4 m 01 4 m 20 | 3×33 |
| 29S | 16903 | 13 0 0 9 | 21 m/24 | 2 m 08 | 2 🗷 03 | 17901 | 14 \(\O 20 \) | 22 m/50 | 3 m. 24 | 3 🗷 04 | 17959 | 15 0 31 | 24 m/ 15 | 4 m 40 | 4 <i>₹</i> 05 |
| 30S | 15947 | 12 \alpha 45 | 21 m ₂ 17 | 2 m 27 | 2 ₹ 18 | 16945 | 13 ຄ 56 | 22 m ₂ 44 | 3 m. 44 | 3 7 19 | 179643 | 15 ຄ 07 | 24 mj 11 | 5 ML 00 | 4₹20 |
| 31S | 15931 | 12 \Omega 19 | 21 m, 10 | 2 m 47 | 2 ₹ 34 | 16ള29 | 13 £ 30 | 22 m/38 | 4m.05 | 3 ₹ 35 | 17927 | 14 \Omega 42 | 24 m/06 | 5 m 21 | 4∡36 |
| 32S | 15ഇ14 | 11 a 52 | 21 mg 03 | 3 m 08 | 2 ₹ 50 | 16©12 | 13 ຄ 04 | 22 m/32 | 4m26 | 3 ₹ 51 | 17910 | 14Ω16 | 24 mj 01 | 5 m 43 | 4 <i>≯</i> 52 |
| 33S | 14957 | 11 0 25 | 20 m 55 | 3 m 30 | 3×107 | 15955 | 12.037 | 22 m 25 | 4m.48 | 4 🗷 08 | 16953 | 13 0 50 | 23 m 56 | 6m.06 | 5 7 09 |
| 34S | 14539 | 10Ω56 | 20 m/46 | 3 m. 52 | 3 ₹ 23 | 15937 | 12Ω09 | 22 m, 18 | 5m.11 | 4×25 | 16536 | 13 & 22 | 23 m 50 | 6m30 | 5 ₹ 26 |
| 35S | 14521 | 10 26 | 20 m 38 | 4m.16 | 3 ₹ 41 3 ₹ 59 | 15519 | 11.039 | 22 m 11 | 5 m 35 | 4 x 42 5 x 00 | 16518 | 12.053 | 23 m 44 | 6 m 55 | 5 ₹ 43 6 ₹ 01 |
| 36S 37S | 14©03 13©44 | 9Ω55 9Ω23 | 20 mg 28 20 mg 19 | 4 m 40 5 m 06 | 3 x 39 4 x 17 | 15©01 14©42 | 11Ω09 10Ω37 | 22 m 03 21 m 55 | 6m.01 6m.27 | 5 x 19 | 15©59 15©40 | 12Ω23 11Ω51 | 23 m/38 23 m/32 | 7 m.21 7 m.48 | 6×101 |
| 38S | 13924 | 8Ω49 | | 5 m 33 | | 14922 | | 21 mg 46 | | 1 | | 11Ω18 | | | 6 2 3 9 |
| 39S | 13©04 | 8 a 14 | 19 m 57 | 6m.01 | 4∡56 | 14502 | 9 29 | 21 m/37 | 7m.24 | 5 ₹ 58 | 15©01 | 10 ຄ 44 | 23 m 17 | 8 m 46 | 6₹59 |
| 40S | 12ഇ43 | 7ຄ38 | 19 mg 45 | 6m.31 | 5 <i>≱</i> 16 | 135641 | 8£52 | 21 m/27 | 7 m 55 | 6 <i>≱</i> 18 | 145640 | 10 ລ 08 | 23 m ₂ 09 | 9 m. 18 | 7∡20 |
| 41S | 12©21 | 6£159 | 19 m 32 | 7 m 03 | 5 ₹ 38 | 13520 | 8Ω14 | 21 m/16 | 8m27 | 6 ₹ 39 | 14518 | 9ຄ30 | 23 m 00 | 9m.51 | 7 . 741 |
| 42S | 11959 | 6Ω19 | 19 m, 19 | 7m.36 | 5×159 | 12957 | 7ω34 | 21 m, 05 | 9m.01 | 7 ₹ 01 | 13956 | 8 N 5 1 | 22 m 51 | 10 m. 26 | 8 🗷 03 |
| 43S 44S | 11©36 11©12 | 5Ω36 4Ω52 | 19 mg 04 18 mg 48 | 8 m. 11 8 m. 49 | 6₹22 6₹46 | 12©34 12©11 | 6Ω52 6Ω08 | 20 m/52 20 m/39 | 9m.37 10m.16 | 7 ₹ 24 7 ₹ 48 | 13©33 13©09 | 8 N 09 7 N 25 | 22 m/41 22 m/31 | 11 m.03 11 m.42 | 8 ₹ 26 8 ₹ 50 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 10©48 10©22 | 4Ω05 3Ω15 | 18 mg 31 18 mg 12 | 9 m 29 10 m 11 | 7∡10 7∡36 | 11©46 11©20 | 5Ω21 4Ω32 | 20 m/25 20 m/09 | 10 m 56 11 m 40 | 8 × 13 8 × 38 | 12544 12519 | 6 N 39 5 N 50 | 22 m, 19 22 m, 06 | 12 m 23 13 m 08 | 9₹14 9₹40 |
| 47S | 9955 | 2 \Omega 23 | 17 mg 51 | 10 m 56 | 8×30 | 10953 | 3 N 40 | 19 m 51 | 12 m 26 | 9 \$7 05 | 11952 | 4 N 58 | 21 m 52 | 13 m 55 | 10 × 07 |
| 48S | 9927 | 1 27 | 17 m, 28 | 11 m 45 | 8∡31 | 10ഇ25 | 2 N 45 | 19 m 32 | 13 m 16 | 9 ₹ 33 | 11524 | 4 ຄ 0 3 | 21 m/37 | 14 m 45 | 10∡35 |
| 49S | 8গু58 | 0ຄ28 | 17 mg 03 | 12m37 | 9₹00 | 9956 | 1 2 4 6 | 19 m, 11 | 14m09 | 10 ₹ 02 | 10ഇ55 | 3 № 05 | 21 m/20 | 15 m 39 | 11 ∡ 04 |
| 50S | 8গু28 | 29ഇ26 | 16 mg 35 | 13 m 33 | 9 ₹ 30 | 9മ26 | 0Ω44 | 18 m/47 | 15m06 | 10 ₹ 33 | 10ഇ24 | 2 N 02 | 21 m, 00 | 16m37 | 11 ∡ 35 |
| 518 | 7956 | 28519 | 16 m 03 | 14m.34 | 10 7 02 | 8954 | 29537 | 18 m 21 | 16m.08 | 11 7 05 | 9552 | 0£56 | 20 m 39 | 17m.40 | 12 7 07 |
| 52S 53S | 7©23 6©49 | 27©08 25©52 | 15 m, 28 14 m, 47 | 15 m 40 16 m 52 | 10∡36 11∡12 | 8921 7946 | 28©26 27©10 | 17 mp 51 17 mp 16 | 17 m 15 18 m 27 | 11 x 39 12 x 14 | 9©19 8©44 | 29 © 45 28 © 29 | 20 m, 15 19 m, 47 | 18 m. 48 20 m. 01 | 12∡40 13∡16 |
| 54S | 6912 | 24931 | 14 mg 01 | 18 m. 10 | 11 🗷 49 | 79940 | 25948 | 16 m/ 37 | 19m.46 | 12×14 12×52 | 8908 | 27907 | 19 mg 15 | 21 m.21 | 13 🖈 53 |
| 55S | 5934 | 23503 | 13 m ₂ 06 | 19m.35 | 12 🗷 29 | 6931 | 24521 | 15 m ₂ 51 | 21 m.13 | 13 ~ 31 | 7529 | 25@39 | 18 m _p 38 | 22 m 48 | 14 🗷 33 |
| 56S | 4953 | 21530 | 12 mg 03 | 21 m 09 | 13 🗷 11 | 5951 | 22546 | 14 m 57 | 22 m 47 | 14 🗷 13 | 6948 | 24504 | 17 m, 54 | 24 m 23 | 15 🗷 15 |
| 57S | 4গু11 | 19548 | 10 m/47 | 22 m 53 | 13 ₹ 55 | 5গু08 | 21504 | 13 m 52 | 24 m 32 | 14 ₹ 58 | 6905 | 22522 | 17 mg 01 | 26 m 08 | 15 ₹ 59 |
| 588 | 3526 | 17559 | 9 m 14 | 24 m 48 | 14 🗷 43 | 4522 | 19514 | 12 m 33 | 26m27 | 15 🗷 45 | 5920 | 20@31 | 15 m 56 | 28 m 03 | 16 🗷 46 |
| 59S | 2538 | 16502 | 7 m, 20 | 26 m 55 | 15 🗷 33 | 3534 | 17915 | 10 m, 55 | 28 m 34 | 16 🗷 35 | 4931 | 18531 | 14 m/35 | 0 × 10 | 17 🗷 36 |
| 60S | 1 න 47 0 න 5 4 | 13554 | 4 m 56 | 29 m 18 | 16×27 | 2543 | 15506 | 8 mg 49 6 mg 04 | 0 x 1 5 6 | 17×29 | 3540 2545 | 16©20 13©58 | 12 m 52 | 2 × 31 | 18 ₹ 30 19 ₹ 27 |
| 61S 62S | 29 II 56 | 11 © 36 9 © 07 | 1 m/47 27Ω32 | 1 ₹ 57 4 ₹ 55 | 17 ₹ 25 18 ₹ 27 | 1 ୭ 49 0 ୭ 5 1 | 12546 10514 | 2 mg 16 | 3 ₹ 34 6 ₹ 30 | 18 ₹ 26 19 ₹ 28 | 19947 | 11923 | 10 m ₂ 33 | 5 ₹ 08 8 ₹ 02 | 20 \$\sigma 28\$ |
| 63S | 28 II 55 | 6925 | 21 \Omega 34 | 8×16 | 19 🗷 34 | 29П50 | 7529 | 26 \(\Omega 49 \) | 9×148 | 20 🗷 34 | 0945 | 8935 | 2 m/ 35 | 11 🗷 16 | 21 🗷 34 |
| 64S | 27П49 | 3930 | 12 N 49 | 12 ₹ 02 | 20 ∡ 46 | 28П44 | 4930 | 18 ຄ 28 | 13 ₹ 29 | 21 ∡ 46 | 29П38 | 5932 | 25 Â 00 | 14 ₹ 53 | 22 ₹ 45 |
| 65S | | 0 - 20 | 20.527 | 16 <i>≱</i> 15 | 22 ₹ 03 | 27 Д33 | 19316 | 4£058 | 17 <i>≭</i> 37 | 23 ₹ 03 | 28П27 | 29514 | 11Ω43 | 18 ₹ 54 | 24 🗷 02 |
| 028 | 26П39 | 0ණ20 | 29937 | 10 x. 13 | 22 x 03 | 211133 | 1 10 | 10000 | 1,7,0, | | | | | 10% 2. | |
| 66S pc | 26П39 25П23 24П38 | 0520 26 II 56 24 II 54 | 10©19 27II14 | 20 × 59 23 × 52 | 23 ₹ 28 24 ₹ 18 | 26 II 16 25 II 31 | 27 II 47 25 II 42 | 13©16 27∏42 | 22 ₹ 12 25 ₹ 00 | 24 × 27 25 × 17 | 27II 09 26II 24 | 28 II 39 26 II 31 | 17©22 28∏09 | 23 ₹ 22 26 ₹ 04 | 25 ₹ 25 26 ₹ 15 |

| | Sid.Tir MC: | | 8m AR [14'50 | CMC: 87 | '°00' | Sid.Tir MC: | | 2m AR (09'54 | MC: 88 | ;°00' | Sid.Tir MC: | ne: 5h56 29П | 6m AR (04'57 | MC: 89 | 0°00' |
|--------------|--------------------------------|------------------------------|--|--------------------|--------------------|--------------------------------|----------------------------|--|----------------------|--------------------------------|--|------------------------------|--|----------------------------------|--------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 25ഇ03 | 24 N 42 | 26 m/43 | 29 ₾ 02 | 29 m 12 | 26900 | 25 Ω 44 | 27 m/49 | 0 m 05 | 0 ₹ 10 | 26957 | 26 246 | 28 m 54 | 1 m 08 | 1 ₹ 07 |
| 1S | 24\$52 | 24⋒29 | 26 m/42 | 29 ₾ 13 | 29 m 23 | 25949 | 25⋒32 | 27 m/48 | 0m.16 | 0 ₹ 21 | 26946 | 26⋒34 | 28 m 54 | 1 m. 19 | 1 ₹ 18 |
| 2S | 249641 | 24 N 16 | 26 m/40 | 29 ≏ 24 | 29 m 33 | 25@38 | 25 19 | 27 m/47 | 0m.28 | 0 ₹ 31 | 26935 | 26 N 22 | 28 m 53 | 1 m. 31 | 1 🗷 29 |
| 3S | 24930 | 24 \Q 03 | 26 m 39 | 29 ₾ 35 | 29 m 44 | 25@27 | 25 20 06 | 27 m 46 | 0m.39 | 0 🗷 42 | 26524 | 26 \O 67 | 28 m 53 | 1 m. 43 | 1 7 40 |
| 4S | 24919 | 23 û 50 | 26 m/37 | 29 ♀ 46 | 29 m 55 | 25\$16 | 24 \Omega 53 | 27 m/45 | 0m.50 | 0 ₹ 53 | 26513 | 25 N 57 | 28 m, 52 | 1 m 55 | 1 🗷 51 |
| 5S | 24©07 23©56 | 23 \Quad 37 | 26 m 36 | 29 ₾ 58 | 0 7 05 | 25905 | 24 \Q 40 | 27 m 44 | 1 m. 02 | 1 🗷 04 | 26©02 25©51 | 25 0 24 | 28 m 52 | 2 m 07 | 2 7 01 |
| 6S 7S | 23936 | 23 Ω 23 23 Ω 10 | 26 m/34 26 m/32 | 0 m 09 0 m 21 | 0 ₹ 16 0 ₹ 27 | 24©53 24©42 | 24Ω27 24Ω14 | 27 mp 42 27 mp 41 | 1 m 14 1 m 26 | 1 ₹ 14 1 ₹ 25 | 25931 | 25 Ω 31 25 Ω 18 | 28 m ₂ 51 28 m ₂ 50 | 2 m 19 2 m 31 | 2 ₹ 12 2 ₹ 24 |
| 8S | 23933 | 22256 | 26 mg 31 | 0 m 33 | 0 ₹ 27 | 24931 | 24000 | 27 mg 40 | 1 m. 38 | 1 × 25 | 25928 | 25 Ω 05 | 28 m ₂ 50 | 2 m 44 | 2 × 25 |
| 9S | 23\$22 | 22 & 41 | 26 m/29 | 0m.45 | 0 ₹ 49 | 24519 | 23 246 | 27 m/39 | 1 m. 51 | 1 ∡ 48 | 25@17 | 24 2 51 | 28 m/49 | 2 m 57 | 2 ₹ 46 |
| 108 | 23510 | 22 \Omega 27 | 26 m 27 | 0 m 57 | 1 ₹ 00 | 24508 | 23 232 | 27 m 38 | 2 m 04 | 1 ₹ 59 | 25906 | 24 238 | 28 m 49 | 3 m. 10 | 2 🗷 57 |
| 11S | 22\$58 | 22 & 12 | 26 m/25 | 1 m 10 | 1 ₹ 12 | 23\$56 | 23 A 18 | 27 m/37 | 2m.16 | 2 ₹ 10 | 24954 | 24 224 | 28 m/48 | 3 m 23 | 3 ₹ 09 |
| 12S | 22547 | 21 257 | 26 m/23 | 1 m 22 | 1 ₹ 23 | 23 5 44 | 23 20 03 | 27 m/35 | 2 m 30 | 2 ₹ 22 | 249642 | 24 209 | 28 m/47 | 3 m 37 | 3 ₹ 20 |
| 13S | 22535 | 21 \Omega 42 | 26 m/22 | 1 m. 36 | 1 🗷 35 | 23 5 32 | 22 \Omega 48 | 27 m/34 | 2 m. 43 | 2 🗷 33 | 24930 | 23 2 5 5 | 28 m 47 | 3 m 50 | 3 🗷 32 |
| 14S | 22522 | 21 \Omega27 | 26 m, 20 | 1 m 49 | 1 ₹ 46 | 23 5 20 | 22 N 33 | 27 m/33 | 2m.57 | 2 ₹ 45 | 24519 | 23 \Omega 40 | 28 m, 46 | 4 m 04 | 3 ₹ 44 |
| 15S | 22510 | 21 211 | 26 m 18 | 2 m. 02 | 1 🗷 58 | 23 5 08 | 22 \Omega 18 | 27 m/32 | 3 m. 11 | 2 7 57 | 24506 | 23 225 | 28 m 46 | 4 m. 19 | 3 🗷 56 |
| 16S 17S | 21 5 5 8 21 5 4 5 | 20 \Omega 55 20 \Omega 38 | 26 m 16 | 2m.16 | 2 ₹ 10 2 ₹ 22 | 22©56 22©43 | 22Ω02 21Ω46 | 27 m/30 | 3 m. 25 3 m. 40 | 3 ₹ 09 3 ₹ 21 | 23©54 23©42 | 23 \Omega 10 22 \Omega 54 | 28 m 45 | 4 m 33 4 m 48 | 4₹08 4₹20 |
| 17S 18S | 219943 | 20 λ 21 | 26 mg 13 26 mg 11 | 2m31 2m45 | 2×122 2×134 | 22931 | 21 N 29 | 27 m, 29 27 m, 27 | 3 m 55 | 3×21 | 23 5 29 | 228134 | 28 mg 44 28 mg 43 | 5 m 04 | 4 x 20 |
| 19S | 21 5 20 | 20204 | 26 m, 09 | 3 m 00 | 2×347 | 22551 | 21 & 12 | 27 m/27 | 4 m. 10 | 3×34 | 23@16 | 22 \Omega 21 | 28 m/43 | 5 m 20 | 4 🗷 45 |
| 20S | 21507 | 19Ω46 | 26 m _p 07 | 3 m. 15 | 3 ₹ 00 | 22505 | 20255 | 27 m 24 | 4m.26 | 3 🗷 59 | 23503 | 22 204 | 28 m ₂ 42 | 5 M 36 | 4 <i>₹</i> 158 |
| 21S | 20\$53 | 19 28 | 26 mg 04 | 3 m. 31 | 3 ₹ 12 | 21 5 5 2 | 20 Ω 37 | 27 m 23 | 4 m. 42 | 4 <i>₹</i> 12 | 22550 | 21 \Q47 | 28 mg 41 | 5 m 52 | 5×11 |
| 22S | 20940 | 19 & 10 | 26 m, 02 | 3 m 47 | 3 ₹ 26 | 21 5 38 | 20 ₪ 19 | 27 m/21 | 4m.58 | 4 ₹ 25 | 22537 | 21 229 | 28 m/40 | 6m09 | 5 ₹ 24 |
| 238 | 20526 | 18251 | 25 m 59 | 4m.04 | 3 🗷 39 | 21 524 | 20200 | 27 m 19 | 5m.16 | 4 7 39 | 22523 | 21 \Q 11 | 28 m/39 | 6m27 | 5×38 |
| 24S | 20@12 | 18£31 | 25 m, 56 | 4m.21 | 3 ₹ 53 | 215511 | 19Ω41 | 27 m, 17 | 5 m 33 | 4 ₹ 52 | 22509 | 20252 | 28 m, 38 | 6m.45 | 5 ₹ 52 |
| 25S | 19958 | 18Ω11 | 25 m 54 | 4m.39 | 4 ₹ 06 | 20@56 | 19Ω21 | 27 m, 16 | 5m.51 | 5 ₹ 06 | 21955 | 20⋒32 | 28 m/38 | 7 m.04 | 6₹06 |
| 26S 27S | 19©43 19©28 | 17Ω50 17Ω28 | 25 m 51 | 4m.57 | 4 ₹ 21 4 ₹ 35 | 20 20 20 20 | 19Ω01 18Ω40 | 27 m 14 | 6m.10 6m.29 | 5×120 | 21©41 21©26 | 20Ω12 19Ω52 | 28 m/37 28 m/36 | 7 m 23 | 6₹20 6₹35 |
| 27S 28S | 19928 | 178128 | 25 m/48 25 m/45 | 5 m 16 5 m 35 | 4×150 | 20927 | 18Ω18 | 27 m, 12 27 m, 10 | 6m.49 | 5 ₹ 35 5 ₹ 50 | 219520 | 198132 | 28 mg 35 | 7 m.42 8 m.03 | 6×33 |
| 29S | 18558 | 16 \O 43 | 25 m/41 | 5 m 55 | 5×105 | 19556 | 17.055 | 27 mg 10 | 7m.10 | 6×105 | 20@55 | 19208 | 28 m/ 33 | 8 m. 24 | 7×105 |
| 30S | 18942 | 16Ω19 | 25 m ₂ 38 | 6m.16 | 5 ₹ 20 | 19541 | 17ູດ32 | 27 m 05 | 7m.31 | 6 <i>₹</i> 21 | 20540 | 18 A 45 | 28 m/32 | 8 ML 46 | 7∡20 |
| 31S | 18526 | 15Ω55 | 25 m/34 | 6m.38 | 5 <i>x</i> 36 | 19\$25 | 17Ω08 | 27 m 03 | 7 m 53 | 6 <i>x</i> 37 | 20©24 | 18 22 | 28 m/31 | 9 m 09 | 7 <i>x</i> 36 |
| 32S | 18509 | 15⋒29 | 25 m/31 | 7 m 00 | 5 ₹ 53 | 19508 | 16⋒43 | 27 m, 00 | 8m.16 | 6₹53 | 20ഇ07 | 17Ω57 | 28 m/30 | 9 m 32 | 7 ₹ 53 |
| 33S | 17952 | 15 0 0 3 | 25 m 27 | 7 m. 24 | 6×109 | 18951 | 16Ω17 | 26 m 58 | 8m.40 | 7×10 | 19550 | 17.032 | 28 m/28 | 9 m 57 | 8 🗷 10 |
| 34S | 17535 | 14Ω36 | 25 m, 22 | 7m.48 | 6₹26 | 18534 | 15 N 50 | 26 m 55 | 9m05 | 7 ₹ 27 | 19533 | 17Ω05 | 28 m, 27 | 10 m 22 | 8 ₹ 27 |
| 35S | 17917 | 14207 | 25 m 18 | 8 m. 13 | 6×144 | 18516 | 15 \O 22 | 26 m 52 | 9m.31 | 7×145 | 19515 | 16.037 | 28 m/26 | 10 m. 49 | 8 🗷 45 |
| 36S 37S | 16©58 16©39 | 13Ω37 13Ω06 | 25 m 13 25 m 08 | 8 m 40 9 m 08 | 7 ₹ 02 7 ₹ 21 | 17557 17538 | 14Ω53 14Ω22 | 26 m/49 26 m/45 | 9 m 59 10 m 27 | 8 ₹ 03 8 ₹ 22 | 18 © 57 | 16Ω09 15Ω38 | 28 m/24 28 m/22 | 11 m 17 11 m 46 | 9 ₹ 03 9 ₹ 22 |
| 38S | | 12Ω34 | | 9m.37 | | | | 26 m/42 | l . | 8×22 | | 15 Ω 07 | | | 9 \$741 |
| 39S | 15@59 | 12200 | 24 m 57 | 10m.07 | 8₹00 | 16959 | 13 Ω 17 | 26 m/38 | 11 m. 28 | 9₹01 | 17958 | 14Ω34 | 28 m, 19 | 12 m.48 | 10 ₹ 01 |
| 40S | 15@39 | 11 ຄ 24 | 24 m 51 | 10m.40 | 8₹21 | 16938 | 12 \Omega 42 | 26 m/34 | 12m.01 | 9₹22 | 17937 | 14£000 | 28 m, 17 | 13 m 21 | 10₹22 |
| 41S | 15©17 | 10 ຄ 47 | 24 m 45 | 11 m. 13 | 8 ₹ 42 | 16516 | 12205 | 26 m/30 | 12 m 35 | 9 ₹ 43 | 17516 | 13 23 | 28 m 15 | 13 m 56 | 10 🗷 43 |
| 42S | 14955 | 10 A 08 | 24 m/38 | 11 m.49 | 9∡104 | 15954 | 11 A 26 | 26 m/25 | 13 m.12 | 10 ₮ 05 | 16953 | 12 N 45 | 28 mg 12 | 14 m 33 | 11 ₹ 06 |
| 43S | 14532 | 9.0.27 | 24 m/31 | 12 m. 27 | 9 🗷 27 | 15@31 | 10Ω45 | 26 m 20 | 13 m. 50 | 10 7 28 | 16930 | 12 \O22 | 28 m 10 | 15 m. 12 | 11 7 29 |
| 44S | 14508 | 8 N 43 | 24 m/22 | 13 m 07 | 9₹51 | 15507 | 10 ຄ 02 | 26 m, 15 | 14m.31 | 10 ₹ 52 | 16907 | 11 Ω 22 | 28 m, 07 | 15 m 54 | 11 ₹ 52 |
| 45S 46S | 13©43 13©17 | 7 N 57 7 N 09 | 24 mp 14 24 mp 04 | 13 m 49 14 m 34 | 10∡16 10∡41 | 145642 145616 | 9Ω17 8Ω29 | 26 mg 09 26 mg 02 | 15 m 14 16 m 00 | 11 ∡ 17 11 ∡ 42 | 15942 15916 | 10Ω37 9Ω50 | 28 mg 04 28 mg 01 | 16 m 37 17 m 24 | 12 ₹ 17 12 ₹ 43 |
| 40S 47S | 12950 | 6Ω17 | 24 ng 04 23 mg 53 | 15 m 22 | 11 \$708 | 13950 | 7 N 38 | 25 m 55 | 16 m 48 | 11 x 42 12 z 09 | 14949 | 8£59 | 28 m 57 | 17 IIL 24 18 IL 13 | 12×43 |
| 48S | 12530 | 5 N 23 | 23 m/ 42 | 16m.13 | 11 🗷 36 | 13930 | 6Ω44 | 25 m 47 | 17m.40 | 12 × 37 | 149349 | 8006 | 27 m 53 | 19 m 06 | 13×10 |
| 498 | 11\$53 | 4£25 | 23 m 29 | 17m.08 | 12 ₹ 05 | 12@52 | 5Ω46 | 25 m 39 | 18m.36 | 13 ≈ 06 | 13@52 | 7£08 | 27 m 49 | 20 m 02 | 14 ₹ 07 |
| 50S | 11\$23 | 3 ಬ 23 | 23 m 14 | 18m.07 | 12∡36 | 12@22 | 4 <i>Ω</i> 44 | 25 m/29 | 19m.36 | 13 ≈ 37 | 13@21 | 6£07 | 27 m/44 | 21 m.02 | 14∡38 |
| 51S | 10©51 | 2 N 16 | 22 m 58 | 19m.11 | 13 ₹ 08 | 11550 | 3⋒38 | 25 m 18 | 20m.40 | 14 ≈ 09 | 12549 | 5 0 01 | 27 m/39 | 22 m 07 | 15 <i>≱</i> 10 |
| 52S | 10518 | 1 205 | 22 m/40 | 20 m 19 | 13 🗷 42 | 119517 | 2027 | 25 m 06 | 21 m 49 | 14 🗷 43 | 12516 | 3 0 5 1 | 27 m 33 | 23 m 17 | 15 🗷 43 |
| 53S | 9 5 43 9 5 06 | 29©49 28©28 | 22 m/19 | 21 m 33 | 14∡17 14∡55 | 10541 10504 | 1 N 11 29 50 | 24 m/52 24 m/36 | 23 m 03 | 15 ₹ 18 15 ₹ 56 | 119641 | 2035 | 27 m/26 | 24 m 32 | 16∡19 16∡56 |
| 54S | | | 21 m 55 | 22 m 54 | | | | | 24 m. 24 | | 11503 | 1 \O 13 | 27 m, 17 | 25 m 53 | |
| 55S 56S | 8 ୭ 27 7 ୭ 46 | 26©59 25©24 | 21 m/27 20 m/53 | 24 m 21 25 m 57 | 15 ₹ 34 16 ₹ 16 | 9 9 25 8 9 44 | 28©21 26©46 | 24 m 17 23 m 54 | 25 m 52 27 m 28 | 16 ₹ 35 17 ₹ 17 | 10©24 9©43 | 29©45 28©09 | 27 m, 08 26 m, 57 | 27 m.21 28 m.57 | 17∡35 18∡17 |
| 57S | 79940 | 23924 | 20 mg 13 | 27 m. 41 | 10x 10 17 x 00 | 8901 | 25 25 25 25 25 | 23 m 27 | 29 m 13 | 18×17 | 99943 | 26925 | 26 mg 43 | 28 IIL 37 0 ₹ 42 | 19×17 |
| 58S | 6917 | 215649 | 19 m 23 | 29 m 36 | 17×47 | 7915 | 23510 | 22 m 54 | 1 ₹ 08 | 18 ₹ 48 | 8513 | 24932 | 26 m/ 26 | 2 ₹ 36 | 19 🗷 47 |
| 59S | 5ഇ28 | 19548 | 18 m, 22 | 1 ≉ 43 | 18 ≉ 37 | 6926 | 21507 | 22 m/12 | 3 ≉ 14 | 19 ₹ 37 | 7ණ24 | 22@28 | 26 m, 05 | 4 ≯ 42 | 20 ₹ 37 |
| 60S | 4937 | 17\$36 | 17 m, 01 | 4 ≉ 03 | 19∡30 | 5934 | 18©53 | 21 m, 17 | 5 <i>≱</i> 133 | 20 ₮ 30 | 6932 | 20 ഇ 13 | 25 m/37 | 7≉00 | 21 ₹ 30 |
| 61S | 35642 | 15@12 | 15 m 14 | 6₹38 | 20 ₹ 27 | 4539 | 16527 | 20 m 04 | 8 ≯ 06 | 21 🗷 27 | 5936 | 179645 | 25 m 00 | 9 ₹ 31 | 22 ₹ 26 |
| 62S | 25643 | 12535 | 12 m/42 | 9 🗷 30 | 21 🗷 28 | 3540 | 13548 | 18 m 19 | 10 🗷 56 | 22 🗷 28 | 4937 | 15903 | 24 m 06 | 12 🗷 19 | 23 🗷 26 |
| 63S 64S | 1 ഇ 4 1 0 ഇ 3 3 | 9 9 43 | 8 m ₂ 53 2 m ₂ 31 | 12 ₹ 42 16 ₹ 14 | 22 ₹ 34 23 ₹ 44 | 2 9 37 | 10©53 7©42 | 15 m ₂ 37 11 m ₂ 00 | 14 ∡ 04 17 ∡ 32 | 23 × 33 24 × 43 | 3 9 3 3 2 9 2 9 2 5 | 12©05 8©50 | 22 m/43 20 m/16 | 15 ₹ 23 18 ₹ 46 | 24 ₹ 31 25 ₹ 40 |
| | | | | | | | | | | | | | | | |
| 65S 66S | 29П21 | 3913 | 20 & 22 | 20 🗷 09 | 25 🗷 00 | 0916 | 4914 | 1 m 21 | 21 🗷 21 | 25 🗷 58 | 1911 | 5917 | 14 m/48 | 22 ₹ 30 | 26 ₹ 55 28 ₹ 16 |
| | 28 Tt 03 | | | /4 J/ /U . | | | | | 1 / 7 - 21 - 4/1 - 1 | | 791157 | 067/1 | | 76 2136 | |
| pc | 28 II 03 27 II 17 | 29 II 33 27 II 21 | 23©32 28 II 37 | 24 ₹ 29 27 ₹ 06 | 26 ₹ 23 27 ₹ 12 | 28 II 57 28 II 10 | 0©28 28 II 13 | 3Ω57 29Π04 | 25 ₹ 34 28 ₹ 06 | 27 ₹ 20 28 ₹ 08 | 29 II 52 29 II 05 | 1©24 29 II 05 | 23 \Omega 53 29 \Pi 32 | 26 ₹ 36 29 ₹ 04 | 29×10 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | ne: 6h00 | | MC: 90 |)°00' | Sid.Tir MC: | ne: 6h04 0ණ5 | 4m AR 55'03 | MC: 91 | °00' | Sid.Tii MC: | | 8m AR 60'06 | MC: 92 | 2°00' |
|--------------|----------------|------------------------------|-------------------|---------------------|----------------------------------|----------------|------------------------------|--------------------------------|----------------------|-------------------------------|----------------|------------------------------|----------------------------------|--------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27954 | 27Ω49 | 0호00 | 2 m 10 | 2 ₹ 05 | 28952 | 28251 | 1 ≙ 05 | 3 m. 13 | 3 ₹ 02 | 29549 | 29 Ω 54 | 2 2 10 | 4 m. 15 | 3 🗷 59 |
| 1S | 27ഇ43 | 27Ω37 | 0요00 | 2 m 22 | 2 ₹ 16 | 28941 | 28240 | 1 🖴 05 | 3 m 25 | 3 ₹ 13 | 29ഇ38 | 29 243 | 2₽11 | 4 m 27 | 4 ₹ 10 |
| 2S | 27933 | 27£25 | 0₽00 | 2 m 34 | 2 ₹ 26 | 28\$30 | 28 A 28 | 1 ≏ 06 | 3 m 37 | 3 ₹ 24 | 29ഇ28 | 29⋒31 | 2 - 12 | 4 m 40 | 4₹21 |
| 3S | 27922 | 27Ω13 | 0 ₽ 00 | 2 m 46 | 2 ₹ 37 | 28519 | 28216 | 1 2 06 | 3 m 50 | 3 ₹ 35 | 29517 | 29 20 | 2 □ 13 | 4 m 53 | 4 <i>₹</i> 32 |
| 4S | 27911 | 27£01 | 0호00 | 2m.58 | 2 ₹ 48 | 28508 | 28204 | 1 ₾ 07 | 4m.02 | 3 ₹ 46 | 29506 | 29Ω09 | 2 ≏ 14 | 5m06 | 4 ₹ 43 |
| 5S | 27ഇ00 | 26⋒48 | 0ლ00 | 3 m. 11 | 2 ₹ 59 | 27ഇ58 | 27 2 52 | 1 🕰 07 | 4m.15 | 3 ₹ 57 | 28ॼ56 | 28 A 57 | 2 🕰 15 | 5 m 19 | 4 ₹ 54 |
| 6S | 26949 | 26236 | 0₽00 | 3 m. 23 | 3 7 10 | 279347 | 27 \Q 40 | 1 2 08 | 4m.28 | 4 🗷 08 | 28945 | 28 245 | 2 <u>□</u> 17 | 5 m 32 | 5×106 |
| 7S | 26938 | 26 \O 10 | 0 ₽ 00 | 3 M 36 | 3 🗷 21 | 27536 | 27.0.15 | 1 <u>0</u> 09 | 4m.41 | 4 7 19 | 28534 | 28 \Quad 33 | 2 <u>2</u> 18 | 5 m 45 | 5×17 |
| 8S 9S | 26©26 26©15 | 26Ω10 25Ω57 | 0호00 0호00 | 3 m 49 4 m 02 | 3 ₹ 33 | 27©24 27©13 | 27 \Omega 15 27 \Omega 02 | 1요09 1요10 | 4 m 54 5 m 08 | 4 × 31 4 × 42 | 28©23 28©11 | 28 N 21 28 N 08 | 2 <u>0</u> 19 | 5 m 59 6 m 13 | 5 ₹ 28 5 ₹ 40 |
| | | | | | | | | | | | | | | | |
| 10S 11S | 26©04 25©52 | 25 Ω 43 25 Ω 30 | 0호00 0호00 | 4m.16 4m.29 | 3 ₹ 55 4 ₹ 07 | 27©02 26©50 | 26Ω49 26Ω36 | 1요10 1요11 | 5 m. 21 5 m. 35 | 4 ₹ 53 5 ₹ 05 | 28500 27549 | 27 Ω 55 27 Ω 43 | 2 <u>0</u> 21 | 6m27 6m41 | 5 \$751 6 \$703 |
| 12S | 25932 | 25 Ω 16 | 0±00 | 4 m. 43 | 4 <i>₹</i> 19 | 26939 | 26Ω22 | 1 - 11 | 5 m 50 | 5 x 03 | 27937 | 27 29 | 2 2 24 | 6m.56 | 6×15 |
| 13S | 25929 | 25 \O 02 | 0호00 | 4 m 57 | 4×30 | 26927 | 26209 | 1 ₾ 12 | 6 น 04 | 5×29 | 27526 | 27Ω16 | 2⊕25 | 7 m. 11 | 6×27 |
| 14S | 25ഇ17 | 24⋒47 | 00요0 | 5 m. 12 | 4 ≉ 42 | 26©15 | 25⋒55 | 1 🕰 13 | 6m.19 | 5 ₹ 40 | 27514 | 27 A 02 | 2 🕰 26 | 7 m 26 | 6₹39 |
| 15S | 25905 | 24 232 | 0호00 | 5 m 27 | 4 <i>₹</i> 154 | 26903 | 25 \Omega 40 | 1 <u>0</u> 13 | 6m.34 | 5 z 53 | 27902 | 26 Ω48 | 2 ≏ 27 | 7 m.41 | 6×51 |
| 16S | 24953 | 24 & 17 | 0₽00 | 5 m. 42 | 5 ₹ 06 | 25@51 | 25 26 | 1 | 6m49 | 6×105 | 26950 | 26 Ω 34 | 2 <u>0</u> 29 | 7 m 57 | 7 <i>≠</i> 03 |
| 17S | 24940 | 24 N 02 | 0호00 | 5 m 57 | 5 ∡ 19 | 25@39 | 25 A 11 | 1 ≏ 15 | 7m.05 | 6 <i>≱</i> 17 | 26\$38 | 26 ₪ 19 | 2₾30 | 8 m. 13 | 7.₹16 |
| 18S | 24528 | 23 Ω 46 | 0₽00 | 6m.13 | 5×31 | 25\$26 | 24 255 | 1 2 16 | 7m21 | 6×30 | 26525 | 26Ω04 | 2 <u>△</u> 32 | 8 m 30 | 7 ₹ 28 |
| 19S | 24915 | 23 \Omega 30 | 0ⴀ00 | 6m29 | 5 ₹ 44 | 25\$14 | 24 239 | 1 ≏ 16 | 7m38 | 6 ₹ 43 | 26513 | 25 € 49 | 2 ≏ 33 | 8m47 | 7 ₹ 41 |
| 20S | 24902 | 23 A 14 | 0₽00 | 6m.45 | 5 <i>≯</i> 157 | 25©01 | 24 \Omega 23 | 1 △ 17 | 7m.55 | 6 <i>≯</i> 56 | 26500 | 25 €33 | 2-235 | 9m.04 | 7 ₹ 54 |
| 218 | 23549 | 22.0.57 | 0₽00 | 7m.02 | 6×10 | 24948 | 24 \(\O 07 \) | 1 🕰 18 | 8m.12 | 7×109 | 259347 | 25 \O 17 | 2 2 36 | 9 m 22 | 8 🗷 07 |
| 22S 23S | 23©36 23©22 | 22 \Omega 39 22 \Omega 21 | 0호00 0호00 | 7 m 20 7 m 38 | 6 ₹ 23 6 ₹ 37 | 24©35 24©21 | 23 \Omega 50 23 \Omega 32 | 1요19 1요20 | 8 m. 30 8 m. 48 | 7 ₹ 22 7 ₹ 36 | 25©34 25©20 | 25 Ω 01 24 Ω 43 | 2 <u>0</u> 38 | 9 m 40 9 m 59 | 8 ₹ 21 8 ₹ 35 |
| 24S | 23508 | 22 & 03 | 0호00 | 7 m 56 | 6×37 | 24907 | 23 N 14 | 1 = 20 | 9m.07 | 7 x 50 | 25907 | 24 \(\Omega 26 \) | 2 <u>=</u> 40 2 <u>-</u> 42 | 10m.18 | 8×33 |
| 25S | 22554 | 21 Ω 44 | 0호00 | 8 m. 15 | 7 <i>≠</i> 105 | 23553 | 22256 | 1 ≙ 21 | 9m.27 | 8 × 04 | 24953 | 24 20 08 | 2 ≏ 43 | 10m.38 | 9 \$7 03 |
| 26S | 22934 | 21 & 24 | 0 2 00 | 8 m. 35 | 7×19 | 23939 | 22236 | 1 222 | 9m47 | 8 7 18 | 24939 | 23 \(\O 49 \) | 2 <u>□</u> 45 | 10 m 58 | 9 \$7 17 |
| 27S | 22925 | 21 & 04 | 0₽00 | 8 m. 55 | 7 <i>≱</i> 134 | 23 5 24 | 22 & 17 | 1 | 10m.07 | 8 × 33 | 24524 | 23 Ω30 | 2 ≙ 47 | 11 m 19 | 9 🗷 32 |
| 28S | 22910 | 20 N 43 | 0₽00 | 9m.16 | 7 . ₹49 | 23©09 | 21 256 | 1 ≏ 24 | 10m29 | 8 ₹ 48 | 24509 | 23 № 10 | 2 ≏ 49 | 11m.41 | 9 ₹ 47 |
| 29S | 21955 | 20 21 | 0호00 | 9m.38 | 8 ₹ 04 | 22954 | 21 235 | 1 ≏ 26 | 10m.51 | 9 ₹ 04 | 23554 | 22 \Omega 49 | 2₽52 | 12 m 04 | 10 ₹ 03 |
| 30S | 21939 | 19£59 | 0∞00 | 10 m 00 | 8 ₹ 20 | 22539 | 21 & 13 | 1 ≏27 | 11 m 14 | 9∡19 | 2338 | 22 A 28 | 2 ≏ 54 | 12 m 27 | 10∡18 |
| 318 | 21523 | 19236 | 0₽00 | 10 m. 23 | 8 🗷 36 | 22523 | 20250 | 1 - 28 | 11 m 37 | 9 🗷 35 | 23522 | 22 \Omega 06 | 2₽56 | 12 m 51 | 10 🗷 34 |
| 32S 33S | 21©07 20©50 | 19Ω12 18Ω47 | 0호00 0호00 | 10m.47 11m.12 | 8 ₹ 53 9 ₹ 09 | 22©06 21©49 | 20Ω27 20Ω02 | 1 2 9 1 2 31 | 12 m. 02 12 m. 28 | 9 \$\sigma 52 \\ 10 \sigma 09 | 23©06 22©49 | 21 \Omega 43 21 \Omega 19 | 2 <u>a</u> 59 | 13 m 16 13 m 42 | 10 ₹ 51 11 ₹ 08 |
| 34S | 20932 | 18£21 | 0호00 | 11 m 38 | 9 ₹ 27 | 21932 | 19237 | 1 = 31 | 12 m 54 | 10 \$ 26 | 22532 | 20 Ω 54 | 3 ♣ 02 | 14m.09 | 11 🗷 25 |
| 35S | 20ഇ14 | 17£53 | 0호00 | 12m.06 | 9×145 | 215514 | 19210 | 1 ≙ 33 | 13 m. 22 | 10 🗷 44 | 22514 | 20 ຄ 28 | 3 ≏ 07 | 14m.37 | 11 🗷 43 |
| 36S | 19956 | 17 N 25 | 0 2 00 | 12 m 34 | 10 × 03 | 20956 | 18242 | 1 2 3 5 | 13 m 50 | 11 \$\times 03\$ | 21956 | 20 Ω 00 | 3 - 10 | 15 m 06 | 12 🗷 02 |
| 37S | 19ഇ37 | 16Ω56 | 0₽00 | 13 m 03 | 10 ₹ 22 | 20ഇ37 | 18£13 | 1 ≏ 37 | 14m21 | 11 ₹ 21 | 21537 | 19 Ω 32 | 3 ≏ 14 | 15 m 37 | 12 ₹ 21 |
| | | 16⋒25 | | 13 m 34 | | | 17£43 | 1 🕰 38 | | 11 ₹ 41 | | | 3 🕰 17 | 16m09 | |
| 39S | 18958 | 15 N 52 | 0호00 | 14m.07 | 11 ₮ 01 | 19958 | 17Ω11 | 1 ₾ 40 | 15 m 25 | 12 ₹ 01 | 20\$58 | 18£31 | 3 ₾ 21 | 16m42 | 13 ₹ 00 |
| 40S | 18937 | 15 Ω 18 | 0ლ00 | 14m41 | 11 ₹ 22 | 19937 | 16£38 | 1 🕰 42 | 15 m 59 | 12 ₹ 22 | 20937 | 17£58 | 3 ≏ 25 | 17m.17 | 13 ₹ 21 |
| 41S | 18916 | 14 0 43 | 0 ₽ 00 | 15 m. 16 | 11 🗷 44 | 19516 | 16003 | 1 ₾ 44 | 16m.36 | 12 7 43 | 20516 | 17 Ω 24 | 3 ₾ 29 | 17m.54 | 13 🗷 43 |
| 42S 43S | 17©53 17©30 | 14Ω05 13Ω25 | 0호00 0호00 | 15 m 54 16 m 34 | 12 ₹ 06 12 ₹ 29 | 18©53 18©30 | 15Ω26 14Ω47 | 1요47 1요49 | 17m.14 17m.54 | 13 × 06 13 × 29 | 19©54 19©31 | 16Ω47 16Ω09 | 3 <u>⊕</u> 34 3 <u>⊕</u> 39 | 18 m 33 19 m 14 | 14 ₹ 05 14 ₹ 28 |
| 44S | 17930 | 12 \Omega 43 | 0호00 | 17m.16 | 12×29 | 18930 | 14805 | 1 = 49 | 18m.37 | 13 \$\frac{1}{2}\$ | 19931 | 15 Ω 28 | 3 <u>⊶</u> 44 | 19 m 57 | 14 x 28 |
| 45S | 16942 | 11Ω59 | 0호00 | 18m.00 | 13 ₹ 17 | 17542 | 13 & 22 | 1 ≏ 55 | 19 1 22 | 14 <i>z</i> 17 | 18942 | 14Ω45 | 3 ♀ 50 | 20 m 42 | 15×17 |
| 46S | 16916 | 11 & 12 | 0±00 | 18 m. 47 | 13×17 | 179342 | 12.035 | 1 2 58 | 20m.09 | 14 × 17 | 18917 | 14000 | 3 ⊆ 57 | 20 m 30 | 15×17 |
| 47S | 15949 | 10 & 22 | 0₽00 | 19m37 | 14×10 | 16949 | 11 Ω46 | 2 ₾ 02 | 21 m 00 | 15 ₹ 10 | 17950 | 13 Ω 11 | 4 △ 04 | 22 m 21 | 16 🗷 09 |
| 48S | 15©21 | 9⋒29 | 0₽00 | 20m30 | 14∡38 | 16গু21 | 10 ຄ 53 | 2≗06 | 21 m 53 | 15 ₹ 38 | 17522 | 12Ω19 | 4≗12 | 23 m 15 | 16∡37 |
| 49S | 14952 | 8£32 | 0호00 | 21 m 27 | 15 ₹ 07 | 15@52 | 9⋒57 | 2 ₾ 10 | 22 m.51 | 16 ₹ 07 | 16953 | 11 Ω23 | 4≗20 | 24 m 13 | 17 ₹ 07 |
| 50S | 14921 | 7 . 031 | 0₽00 | 22 m 28 | 15 ₹ 38 | 15©21 | 8£57 | 2 2 15 | 23 m 52 | 16 ₹ 38 | 16522 | 10 Ω 23 | 4₽30 | 25 m. 15 | 17 ₹ 37 |
| 518 | 13549 | 6Ω26 | 0 2 00 | 23 m 33 | 16 7 10 | 14549 | 7.0.52 | 2 ₾ 20 | 24 m 58 | 17 7 10 | 15@50 | 9219 | 4 <u>0</u> 41 | 26 m 21 | 18 🗷 09 |
| 52S 53S | 13©15 12©40 | 5Ω16 4Ω00 | 0호00 0호00 | 24 m 43 25 m 59 | 16∡44 17∡19 | 14©16 13©40 | 6Ω42 5Ω27 | 2 <u>0</u> 26 2 <u>0</u> 33 | 26 m. 08 27 m. 24 | 17 ₹ 43 18 ₹ 18 | 15©16 14©41 | 8 N 10 | 4 <u>⊕</u> 53 5 <u>⊕</u> 07 | 27 m 32 28 m 48 | 18 ₹ 42 19 ₹ 18 |
| 54S | 129940 | 2239 | 0 2 00 | 23 11 39 27 m 20 | 17×19 | 139940 | 4Ω06 | 2 <u>⊶</u> 33 | 27 116.24 28 m.46 | 18 × 18 | 149941 | 5 N 35 | 5 € 23 | 2011L40 0×109 | 19×18 |
| 55S | 11924 | 1010 | 0 ₽ 00 | 28 m. 49 | 18 <i>≱</i> 35 | 12524 | 2.038 | 2-2-51 | 14 ہے | 19×25 | 13524 | 4Ω07 | 5 -2 5 | 1 × 38 | 20 🗷 34 |
| 56S | 10942 | 29934 | 0₽00 | 0 🗷 25 | 19×17 | 119542 | 1 \O 02 | 3 ⊆ 02 | 1 \$7 50 | 20 \$\sigma 16 | 125642 | 2031 | 6 <u>0</u> 05 | 3 × 13 | 21 🗷 15 |
| 57S | 9959 | 27\$50 | 0₽00 | 2 ₹ 09 | 20 ₹ 00 | 10ഇ58 | 29\$17 | 3 ≏ 16 | 3 ≉ 34 | 20 ₹ 59 | 11\$58 | 0Ω46 | 6 ≏ 32 | 4 <i>≯</i> 157 | 21 ₹ 58 |
| 58S | 9512 | 25956 | 0 ₽ 00 | 4 ₹ 03 | 20 🗷 47 | 10512 | 27523 | 3 <u>0</u> 33 | 5 ₹ 27 | 21 🗷 46 | 11911 | 28551 | 7≗05 | 6 ₹ 49 | 22 🗷 44 |
| 598 | 8923 | 23952 | 0₽00 | 6 ≯ 07 | 21 🗷 36 | 9922 | 25917 | 3 ≏ 54 | 7. ₹ 31 | 22 🗷 35 | 10522 | 26545 | 7 <u>₽</u> 47 | 8 ₹ 52 | 23 ₹ 33 |
| 60S | 7930 | 21 5 35 | 0 ₽ 00 | 8 × 24 | 22 7 29 | 8929 | 22559 | 4 <u>₽</u> 22 | 9 🗷 46 | 23 🗷 27 | 9529 | 24526 | 8 ≏ 42 | 11 🗷 06 | 24 🗷 25 |
| 618 | 6934 | 19505 | 0 c 00 | 10 × 54 | 23 ₹ 25 24 ₹ 24 | 7933 | 20©28 17©41 | 4 <u>0</u> 59 | 12×14 | 24 × 23 | 8932 | 21©53 19©03 | 9 <u>₽</u> 55 | 13 × 32 | 25 ₹ 20 26 ₹ 19 |
| 62S 63S | 5ഇ35 4ഇ30 | 16©20 13©19 | 0호00 0호00 | 13 ₹ 39 16 ₹ 40 | 24 × 24 25 × 29 | 6933 5928 | 14936 | 5 ≏ 53 7 ≏ 16 | 14 ∡ 56 17 ∡ 54 | 25 ₹ 22 26 ₹ 26 | 7531 6526 | 15955 | 11 ♀ 40 14 ♀ 22 | 16∡11 19∡06 | 26 x 19 27 x 22 |
| 64S | 3922 | 10900 | 0호00 | 19 \$7 59 | 26×37 | 49619 | 11930 | 9-243 | 21 🗷 09 | 20 x 20 27 x 34 | 5916 | 12527 | 14 = 22 18 - 59 | 22 × 17 | 28×30 |
| - 1 | | 6922 | 0호00 | 23 ∡ 37 | 27 ₹ 52 | 3 9 0 4 | 7529 | 15 - 11 | 24 ∡ 42 | 28 ₹ 48 | 4©01 | 8538 | 28≗38 | 25 ₹ 45 | 29 🗷 43 |
| 65S | ا / () و22 | 09922 | 0==00 | | | | | | | | | | | | |
| 65S 66S | 2©07 0©47 | 2923 | 0₽00 | 27 ₹ 36 | 29 🗷 12 | 19543 | 3523 | 6 M 06 | 28 ₹ 35 | 0중07 | 2539 | 4গু25 | 26 m 02 | 29 ₹31 | 1302 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 2m AR 5'10 | MC: 93 | °00' | Sid.Tir MC: | | 6m AR 0'15 | MC: 94 | l°00' | Sid.Tii MC: | ne: 6h20 4s3 | | RMC: 95 | ;°00' |
|------------|----------------------------------|------------------------|----------------------------------|--------------------|----------------------------------|----------------|----------------------------------|----------------------------------|----------------------------------|---------------------|----------------------------------|--|----------------------------------|--------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0 Ω 47 | 0 m ₂ 57 | 3 ≏ 16 | 5 m. 17 | 4 <i>₹</i> 156 | 1 2 45 | 2 m, 00 | 4 <u>₽</u> 21 | 6m.19 | 5 z 53 | 2 ຄ 43 | 3 m, 03 | 5 ≙ 26 | 7 m 21 | 6 <i>₹</i> 50 |
| 1S | 0£36 | 0 mg 46 | 3 <u>⊶</u> 17 | 5m30 | 5 ≯ 07 | 1 234 | 1 m/49 | 4 <u>₽</u> 23 | 6m32 | 6 ₹ 04 | 2 N 32 | 2 m 53 | 5 2 9 | 7 m 34 | 7 ₹ 01 |
| 2S | 0Ω26 | 0 m 35 | 3 <u>₽</u> 19 | 5 m 43 | 5×18 | 1 0 12 | 1 m 39 | 4 <u>₽</u> 25 | 6m45 | 6 7 15 | 2 \Omega 22 | 2 m 43 | 5 ≏ 31 | 7 m 47 | 7 7 7 12 |
| 3S 4S | 0Ω15 0Ω04 | 0 m/24 0 m/13 | 3 <u>₽</u> 20 | 5 m 56 6 m 09 | 5 ₹ 29 5 ₹ 40 | 1Ω13 1Ω03 | 1 m, 28 1 m, 17 | 4요27 4요29 | 6m.58 7m.12 | 6 x 26 6 x 38 | 2Ω11 2Ω01 | 2 m/32 2 m/22 | 5 ⊕ 34 5 ⊕ 37 | 8 m. 01 8 m. 15 | 7 ₹ 23 7 ₹ 35 |
| 5S | 29\$54 | 0 mg 01 | 3 <u>- 2</u> 2 | 6 m 22 | 5 ₹ 52 | 0Ω52 | 1 mg 06 | 4 <u>0</u> 31 | 7 m 26 | 6×30 | 1250 | 2 m, 11 | 5 - 37 | 8 m. 29 | 7 ₹ 46 |
| 6S | 299543 | 29Ω50 | 3 <u>≈</u> 25 | 6m36 | 6×103 | 08132 0Ω41 | 0 mg 55 | 4 <u>2</u> 31 | 7 m 39 | 7×100 | 1 Ω 40 | 2 m 00 | 5 2 42 | 8 m. 43 | 7 \$7 57 |
| 7S | 29\$32 | 29 238 | 3 <u>2</u> 27 | 6m.49 | 6 <i>≱</i> 14 | 0£30 | 0 mg 44 | 4 <u>0</u> 36 | 7 m 53 | 7 ₹ 12 | 1 & 29 | 1 m 49 | 5 2 45 | 8 m 57 | 8 🗷 09 |
| 8S | 29©21 | 29 ຄ 26 | 3 ₾ 28 | 7 m 03 | 6₹26 | 0 A 20 | 0 mg 32 | 4≗38 | 8m.08 | 7 ₹ 23 | 1Ω18 | 1 m, 38 | 5 ≙ 47 | 9m.12 | 8 ₹ 20 |
| 9S | 29\$10 | 29Ω14 | 3 ₾ 30 | 7m.18 | 6 ₹ 37 | 0 N 09 | 0 m, 20 | 4요40 | 8m.22 | 7 ₹ 35 | 1Ω07 | 1 m, 27 | 5≗50 | 9m27 | 8 ₹ 32 |
| 10S | 28\$59 | 29 20 02 | 3 ₾ 32 | 7m.32 | 6 . ₹49 | 29ഇ57 | 0 mg 08 | 4 <u>₽</u> 43 | 8m37 | 7 <i>≱</i> 46 | 0£6 | 1 m, 15 | 5 ≏ 53 | 9 m 42 | 8 ₹ 44 |
| 118 | 28547 | 28 0 49 | 3 ₾ 34 | 7m47 | 7 🗷 01 | 29546 | 29256 | 4 <u>0</u> 45 | 8 m. 52 | 7 \$7 58 | 0 Ω 45 | 1 m 04 | 5 ≏ 56 | 9m.57 | 8 🗷 56 |
| 12S 13S | 28 5 36 28 5 24 | 28Ω37 28Ω24 | 3 <u>∞</u> 36 3 <u>∞</u> 37 | 8m.02 8m.17 | 7 ₹ 12 7 ₹ 24 | 29©35 29©23 | 29 A 44 29 A 31 | 4요48 4요50 | 9m.07 9m.23 | 8 ₹ 10 8 ₹ 22 | 0Ω34 0Ω23 | 0 m/ 52 0 m/ 39 | 5요59 6요03 | 10 m 13 10 m 28 | 9 \$7 08 9 \$7 20 |
| 14S | 28913 | 28 N 10 | 3 ₾ 39 | 8 m. 32 | 7 🗷 37 | 29\$12 | 29 218 | 4 <u>0</u> 53 | 9m39 | 8 × 22 | 0.023 | 0 m/ 27 | 6206 | 10 m 45 | 9 🗷 32 |
| 15S | 28901 | 27£57 | 3 ≏ 41 | 8 m. 48 | 7×149 | 29500 | 292005 | 4 <u>₽</u> 55 | 9m.55 | 8 ~ 47 | 0000 | 0 mp 14 | 6₽09 | 11 m 01 | 9 2 44 |
| 16S | 279349 | 27 \Quad 43 | 3 <u>□</u> 43 | 9 m 04 | 8 🗷 01 | 28948 | 28252 | 4₽58 | 10m.11 | 8 2 59 | 29948 | 0 mg 01 | 6₽13 | 11 m 18 | 9 \$7 57 |
| 17S | 27ഇ37 | 27 ม 29 | 3 ≏ 46 | 9m21 | 8 ₹ 14 | 28536 | 28£38 | 5≗01 | 10m.28 | 9 <i>≱</i> 12 | 29ജ36 | 29 û 48 | 6₽16 | 11 m 35 | 10 ₹ 09 |
| 188 | 27525 | 27 \O 14 | 3 ₾ 48 | 9m.38 | 8 ₹ 26 | 28524 | 28 224 | 5 2 04 | 10m.45 | 9 🗷 24 | 29524 | 29 234 | 6₽20 | 11 m 53 | 10 7 22 |
| 198 | 27512 | 26259 | 3 ₾ 50 | 9m.55 | 8 🗷 39 | 28512 | 28209 | 5≗07 | 11 m.03 | 9 ₹ 37 | 295611 | 29 20 | 6₽24 | 12 m. 10 | 10 🗷 35 |
| 20S | 26959 | 26 \Q 44 | 3 <u>₽</u> 52 | 10m.13 | 8 🗷 52 | 27559 | 27.054 | 5 <u>0</u> 10 | 11 m.21 | 9 \$7 50 | 28559 | 29 2051 | 6₽27 | 12 m 29 | 10 🗷 48 |
| 21S 22S | 26 9 47 26 9 33 | 26Ω28 26Ω12 | 3 ≏ 55 3 ≏ 57 | 10m31 10m49 | 9∡06 9∡19 | 27©46 27©33 | 27 Ω 39 27 Ω 23 | 5 ≏ 13 | 11 m 39 11 m 58 | 10 × 04 10 × 17 | 28 9 46 28 9 33 | 28 N 51 28 N 35 | 6 ⊕ 31 | 12 m. 48 13 m. 07 | 11 ₹ 02 11 ₹ 15 |
| 23S | 26520 | 25 25 55 | 4 <u>00</u> 0 | 11 m 08 | 9 🗷 33 | 27520 | 27 207 | 5 - 20 | 12 m 18 | 10 \$7 31 | 28520 | 28 20 | 6240 | 13 m 27 | 11 🗷 29 |
| 24S | 26©06 | 25 ຄ 38 | 4ჲ03 | 11 m 28 | 9 ₹ 47 | 27ഇ06 | 26251 | 5 ≏ 23 | 12m38 | 10 ₹ 45 | 28507 | 28 ຄ 04 | 6₽44 | 13 m 47 | 11 ∡ 43 |
| 25S | 25@53 | 25 220 | 4≗05 | 11 m 48 | 10∡01 | 26953 | 26£34 | 5 ≏ 27 | 12 m 59 | 11 ₹ 00 | 27953 | 27 Ω 47 | 6 ≙ 49 | 14 m 08 | 11 ₹ 58 |
| 26S | 25\$38 | 25 № 02 | 4ჲ08 | 12m09 | 10 🗷 16 | 26538 | 26 A 16 | 5 ≏ 31 | 13 m.20 | 11 🗷 14 | 27539 | 27 A 30 | 6 ≏ 54 | 14 m 30 | 12 ₹ 12 |
| 27S | 25©24 25©09 | 24 Ω 43 24 Ω 24 | 4 <u>0</u> 11 | 12m31 | 10 7 31 | 26524 | 25 \Omega 58 25 \Omega 39 | 5 <u>0</u> 35 | 13 m. 42 | 11 7 29 | 27524 | 27Ω12 26Ω54 | 6 ≏ 59 | 14 m 52 | 12 ₹ 27 12 ₹ 43 |
| 28S 29S | 24954 | 248124 24 \Omega 04 | 4 <u>₽</u> 14 4 <u>₽</u> 18 | 12 m 53 13 m 16 | 10∡46 11∡01 | 26©09 25©54 | 25 £139 25 £119 | 5 <u>⊕</u> 39 5 <u>⊕</u> 44 | 14m.04 14m.28 | 11 × 44 12 × 00 | 27©10 26©55 | 26£134 26£35 | 7요04 7요09 | 15 m 15 15 m 39 | 12×43 12×58 |
| 30S | 24939 | 23 \Omega 43 | 4 <u>₽</u> 21 | 13 m 40 | 11 🗷 17 | 25@39 | 24 \Omega 59 | 5-48 | 14 m 52 | 12 🗷 16 | 26940 | 26Ω15 | 7 - 05 7 - 15 | 16 m 03 | 13 🗷 14 |
| 31S | 24939 | 23 N 21 | 4 <u>2</u> 21 | 14m.04 | 11×17 | 25923 | 240239 24038 | 5 € 53 | 15 m 17 | 12 x 10 | 26924 | 25 Ω 54 | 7 = 13 | 16 m 29 | 13×14 |
| 32S | 24906 | 22 2 59 | 4≏28 | 14m.30 | 11 ₹ 50 | 25ഇ07 | 24Ω16 | 5 ≏ 58 | 15 m. 43 | 12×49 | 26908 | 25 A 33 | 7≗27 | 16 m 55 | 13 ₹ 47 |
| 33S | 23\$50 | 22.035 | 4 <u>0</u> 32 | 14m.56 | 12 ₹ 07 | 24950 | 23 253 | 6 2 03 | 16m.09 | 13 ₹ 06 | 25@51 | 25Ω11 | 7 ≏ 34 | 17m22 | 14 ₹ 04 |
| 34S | 23533 | 22 N 11 | 4 ≏ 37 | 15 m. 23 | 12 ₹ 24 | 24533 | 23 29 | 6₽09 | 16m37 | 13 ₹ 23 | 25\$34 | 24 A 48 | 7 ≙ 41 | 17 m.50 | 14 ₹ 22 |
| 35S | 23515 | 21 246 | 4 <u>0</u> 41 | 15 m 52 | 12 🕶 42 | 24516 | 23 204 | 6 △ 15 | 17m.06 | 13 🗷 41 | 25917 | 24 \(\Omega 24 | 7 △ 48 | 18 m. 20 | 14 7 40 |
| 36S 37S | 22 5 57 22 5 38 | 21 Ω 19 20 Ω 51 | 4 <u>ወ</u> 46 4 <u>ወ</u> 51 | 16m22 16m53 | 13 ₹ 01 13 ₹ 20 | 23@58 23@39 | 22 \Quad 38 \\ 22 \Quad \Quad 11 | 6 ♀ 21 6 ♀ 27 | 17m.36 18m.08 | 14 × 100 14 × 19 | 24559 24540 | 23 \Omega 58 23 \Omega 32 | 7 ≏ 56 8 ≏ 04 | 18 m 50 19 m 22 | 14 ₹ 58 15 ₹ 17 |
| | 225519 | | | | 13×20 | | 21 Ω43 | | | 14 \$7 38 | | | | 19 m 56 | |
| 39S | 21@59 | 19252 | 5 🖴 02 | 17m59 | 14 ₹ 00 | 23900 | 21 & 13 | 6 - 42 | 19 m 15 | 14 ₹ 58 | 24901 | 22 235 | 8 ≏ 22 | 20 m 30 | 15 ₹ 57 |
| 40S | 21538 | 19Ω19 | 5ჲ08 | 18m.35 | 14×20 | 22539 | 20 ຄ 41 | 6₽50 | 19m.51 | 15 🗷 19 | 235641 | 22 204 | 8മ32 | 21 m 07 | 16∡18 |
| 41S | 21517 | 18ብ46 | 5 2 14 | 19m.12 | 14 ₹ 42 | 22518 | 20 ຄ 08 | 6₽59 | 20m29 | 15 ₹ 41 | 23\$20 | 21 232 | 8 ≏ 43 | 21 m 45 | 16∡39 |
| 42S | 20\$55 | 18 \Omega 10 | 5 2 21 | 19m.51 | 15 🗷 04 | 21 56 | 19233 | 7 2 08 | 21 m 08 | 16 7 03 | 22558 | 20258 | 8 ≏ 54 | 22 m 25 | 17×02 |
| 43S 44S | 20©32 20©08 | 17Ω32 16Ω52 | 5 ≘ 28 5 ≘ 37 | 20 m 32 21 m 16 | 15 ₹ 27 15 ₹ 51 | 21©33 21©09 | 18Ω56 18Ω17 | 7 亞 18 7 亞 28 | 21 m.50 22 m.34 | 16 ₹ 26 16 ₹ 50 | 22 9 35 22 9 11 | 20 \text{ \text{\text{0.22}}} \ 19 \text{\text{\text{0.43}}} | 9 요 07 9 요 20 | 23 m 07 23 m 51 | 17∡25 17∡48 |
| - 1 | | | | | | | | | | | | | | | |
| 45S 46S | 19©43 19©18 | 16Ω10 15Ω25 | 5 ⊕ 45 5 ⊕ 55 | 22 m.02 22 m.50 | 16∡16 16∡42 | 20@45 20@19 | 17Ω36 16Ω51 | 7 요 40 7 요 53 | 23 m.20 24 m.09 | 17 ₹ 15 17 ₹ 41 | 21 5 4 6 21 5 21 | 19 A 03 | 9 亞 35 9 亞 50 | 24 m 38 25 m 27 | 18 ∡ 13 18 ∡ 39 |
| 47S | 18951 | 14£37 | 6₽06 | 23 m 42 | 17 ₹ 09 | 19552 | 16Ω04 | 8 2 07 | 25 m 01 | 18 ₹ 07 | 20554 | 17 A 33 | 10 ₾ 08 | 26 m 19 | 19∡06 |
| 48S | 18523 | 13Ω46 | 6≏17 | 24m36 | 17 <i>≯</i> 36 | 19524 | 15Ω14 | 8 ₾ 22 | 25 m 56 | 18 ₹ 35 | 20\$26 | 16⋒43 | 10 ₾ 27 | 27 m 14 | 19∡34 |
| 49S | 17954 | 12051 | 6₽30 | 25 m 34 | 18∡06 | 18955 | 14£20 | 8요39 | 26 m 54 | 19 ₹ 04 | 19\$57 | 15 A 50 | 10≏48 | 28 m 13 | 20 ₹ 03 |
| 50S | 17523 | 11052 | 6 ≏ 45 | 26m36 | 18 🗷 36 | 18524 | 13 0 22 | 8 <u>0</u> 59 | 27 m 57 | 19 🗷 35 | 19526 | 14 0 53 | 11 ≏ 12 | 29 m 16 | 20 🗷 33 |
| 51S 52S | 16©51 16©17 | 10Ω48 9Ω40 | 7 요 01 7 요 19 | 27 m 43 28 m 54 | 19∡08 19∡41 | 17©52 17©19 | 12 N 19 | 9 요 20 9 요 44 | 29 m.03 0 ≈ 14 | 20 ₹ 07 20 ₹ 40 | 18554 18520 | 13 N 51 12 N 44 | 11 ≏ 38 12 ≏ 08 | 0 ₹22 1 ₹33 | 21 ∡ 05 21 ∡ 38 |
| 53S | 159642 | 8 N 26 | 7 2 19 | 2811634 0∡10 | 20×16 | 16943 | 9258 | 9 <u>22</u> 44 10 <u>2</u> 12 | 1 × 30 | 20 x 40 | 179545 | 11 232 | 12 <u>2</u> 43 | 2 × 49 | 21 x 36 |
| 54S | 15©04 | 7£05 | 8요04 | 1 ₹ 31 | 20 ₹ 53 | 16906 | 8£38 | 10 ₾ 44 | 2 ₹ 52 | 21 🗷 52 | 17907 | 10Ω13 | 13 ₾ 22 | 4∡11 | 22 🗷 49 |
| 55S | 14\$25 | 5ณ38 | 8മ32 | 3 ≉ 00 | 21 ₹ 32 | 15©26 | 7 Ω 11 | 11 ₾ 21 | 4 <i>≱</i> 20 | 22 ₹ 30 | 16\$28 | 8 A 46 | 14ჲ08 | 5 <i>≱</i> 139 | 23 ₹ 28 |
| 56S | 13543 | 4£02 | 9ჲ06 | 4 ₹ 35 | 22 ∡ 13 | 149544 | 5ຄ36 | 12 ≏ 05 | 5 <i>₹</i> 155 | 23 ₮ 11 | 15946 | 7Ω12 | 15 2 02 | 7 <i>≱</i> 13 | 24 ₹ 08 |
| 57S | 12559 | 2018 | 9 ≏ 46 | 6₹18 | 22 🗷 56 | 14900 | 3251 | 12 <u>0</u> 58 | 7 ₹ 37 | 23 🗷 54 | 15901 | 5 A 27 | 16 207 | 8 × 55 | 24 🗷 51 |
| 58S | 12©12 11©22 | 0Ω23 28©16 | 10 <u>0</u> 36 | 8×10 | 23 🗷 42 | 13513 | 1Ω56 29©49 | 14 <u>0</u> 03 | 9 z 28 | 24 🗷 39 | 149514 | 3 N 32 1 N 25 | 17 ≗ 26 19 ≗ 04 | 10 × 45 | 25 ₹37 26 ₹25 |
| 598 | | | 11 <u>0</u> 38 | 10 🗷 11 | 24 🗷 31 | 12523 | | 15 <u>a</u> 24 | 11 🗷 28 | 25 🗷 28 | 13524 | | | 12 🗷 44 | |
| 60S 61S | 10 © 29 9 © 32 | 25©56 23©21 | 12 ♀ 58 14 ♀ 45 | 12 ₹ 23 14 ₹ 47 | 25 ₹ 22 26 ₹ 17 | 11©29 10©32 | 27©28 24©51 | 17 ♀ 08 19 ♀ 26 | 13 ₹ 39 16 ₹ 01 | 26 ₹ 19 27 ₹ 14 | 12 © 30 | 29©03 26©25 | 21 <u>□</u> 10 23 <u>□</u> 55 | 14 द्र¹ 53 17 द्र¹ 13 | 27 ₹ 16 28 ₹ 10 |
| 62S | 8931 | 20@29 | 17 <u>2</u> 43 | 17×24 | 20×17 27 × 16 | 9931 | 21957 | 22 <u>0</u> 39 | 18 × 36 | 27 x 14 28 x 12 | 10931 | 23529 | 23 ≗ 33 27 ≗ 43 | 17 x 13 | 29 🗷 08 |
| 63S | 7ഇ25 | 17917 | 21 △ 06 | 20∡16 | 28 ₹ 18 | 8925 | 18543 | 27 ≏ 24 | 21 🗷 24 | 29 ₹ 14 | 9525 | 20ഇ11 | 3 m. 10 | 22 ₹ 30 | 0중09 |
| 64S | 6915 | 13945 | 27≗28 | 23 ₹ 23 | 29 ₹ 26 | 7গ্14 | 15©06 | 4m59 | 24 ₹ 27 | 0중21 | 8513 | 16930 | 11 m 31 | 25 ₹ 29 | 1중15 |
| 65S | 4গু59 | 9ഇ50 | 9m37 | 26 ∡ 46 | 0중38 | 5গু57 | 11505 | 18m.16 | 27 ∡ 45 | 1중33 | 6956 | 12©22 | 25 m 01 | 28 ∡ 43 | 2중26 |
| 110 | | 5 - 20 | 6 7 27 | 0중26 | 1궁56 | 4গু34 | 6937 | 12 ∡ 37 | 1る20 | 2る50 | 5932 | 79547 | 16∡43 | 1 2 7 12 | 3 ₹ 43 |
| 66S pc | 3536 2547 | 5930 2953 | 6₹27 1♂22 | 2 3 38 | 2 3 42 | 3944 | 3955 | 12x·37 1궁50 | 3 중 28 | 3 공 35 | 49642 | 4959 | 2 3 17 | 2정12 4정17 | 4 3 28 |

| | Sid.Tir MC: | | 4m AR 0'29 | MC: 96 | 5°00' | Sid.Tir MC: | | 8m AR 25'39 | MC: 97 | 7°00' | Sid.Tir MC: | ne: 6h32 7s2 | | RMC: 98 | 3°00' |
|------------|------------------|------------------------------|----------------------------------|--------------------|--------------------|------------------|------------------------------|----------------------------------|----------------------------------|-----------------------|------------------|--|-------------------------------------|----------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 3 ₪ 41 | 4 mg 06 | 6₽32 | 8 m. 22 | 7 <i>≱</i> 146 | 4£39 | 5 m, 10 | 7 ≏ 37 | 9 m. 23 | 8×143 | 5ณ38 | 6 mg 13 | 8ჲ42 | 10 m. 24 | 9 🗷 39 |
| 1S | 3 A 30 | 3 m/ 57 | 6₽35 | 8m.36 | 7∡ 58 | 4⋒29 | 5 m, 00 | 7 ≏ 40 | 9m37 | 8 ₹ 54 | 5ຄ27 | 6 mg 04 | 8 ≏ 46 | 10m39 | 9∡750 |
| 2S | 3 № 20 | 3 m, 47 | 6₽38 | 8 m. 49 | 8 7 09 | 4Ω19 | 4 m 51 | 7 <u>0</u> 44 | 9m.51 | 9 🗷 05 | 5Ω17 | 5 m, 55 | 8 ₾ 50 | 10 m. 53 | 10 🗷 02 |
| 3S | 3 \Omega 10 | 3 m 37 | 6 2 41 | 9m.03 | 8 🗷 20 | 4 \O 9 | 4 m 41 | 7 ≏ 47 | 10m.06 | 9 🗷 17 | 5Ω07 | 5 m 46 | 8 ≏ 54 | 11m.07 | 10 🗷 13 |
| 4S | 22.59 | 3 m, 27 | 6 ≏ 44 | 9m.17 | 8 ₹ 31 | 3 № 58 | 4 m, 32 | 7≗51 | 10m20 | 9 ₹ 28 | 4 <i>0</i> .57 | 5 m, 37 | 8≗58 | 11 m.22 | 10∡25 |
| 5S | 2 \O 49 | 3 m 16 | 6 2 47 | 9m.32 | 8 🗷 43 | 3 \Omega 48 | 4 m 22 | 7 ≏ 55 | 10m.34 | 9 🗷 40 | 4 \Q 47 | 5 m 27 | 9 <u>0</u> 03 | 11 m 37 | 10 7 36 |
| 6S 7S | 2 N 38 2 N 28 | 3 m, 06 2 m, 55 | 6 ♀ 50 | 9m.46 10m.01 | 8 x 54 9 x 06 | 3 Ω 37 3 Ω 27 | 4 mg 12 4 mg 01 | 7요59 8요02 | 10 m. 49 11 m. 04 | 9 \$7 51 10 \$7 03 | 4Ω37 4Ω26 | 5 mg 18 5 mg 08 | 9 요 07 9 요 11 | 11 m.52 12 m.07 | 10∡48 10∡59 |
| 8S | 2Ω17 | 2 m/ 45 | 6-2-57 | 10 m 16 | 9 7 17 | 3 & 16 | 3 m ₂ 51 | 8 <u>0</u> 06 | 11 m 19 | 10 × 03 | 4Ω16 | 4 m ₂ 58 | 9 - 16 | 12 m 23 | 11 7 11 |
| 9S | 2206 | 2 m/34 | 7ჲ00 | 10m.31 | 9 ₹ 29 | 3 № 06 | 3 m/40 | 8 🕰 10 | 11 m 35 | 10 ₹ 26 | 4Ω05 | 4 m/48 | 9ჲ20 | 12 m 38 | 11 ₹ 23 |
| 108 | 1 2 5 5 | 2 m, 22 | 7ჲ04 | 10m.46 | 9 ∡ 41 | 2255 | 3 mp 30 | 8 ≏ 15 | 11 m 50 | 10 ₹ 38 | 3 2 5 4 | 4 mp 37 | 9ჲ25 | 12 m 54 | 11 🗷 35 |
| 11S | 1 ₪ 44 | 2 m 11 | 7ჲ08 | 11 m 02 | 9 ₹ 53 | 2 ₪ 44 | 3 m 19 | 8മ19 | 12m06 | 10 ₹ 50 | 3 ₪ 44 | 4 m 27 | 9മ30 | 13 m 10 | 11 ₹ 47 |
| 12S | 1 2 3 3 | 1 m, 59 | 7≏11 | 11 m 18 | 10 ₹ 05 | 2 \darkappa 33 | 3 m 08 | 8 ₾ 23 | 12 m 22 | 11 ₹ 02 | 3 N 33 | 4 m, 16 | 9₽35 | 13 m 27 | 11 🗷 59 |
| 13S | 1 0 1 1 | 1 m 48 | 7 <u>2</u> 15 | 11m.34 | 10 🗷 17 | 2 \Omega 22 | 2 m 56 | 8 <u>0</u> 27 | 12m.39 | 11 7 14 | 3 & 22 | 4 m 05 | 9 △ 40 | 13 m.44 | 12 7 11 |
| 14S | 1011 | 1 m/36 | 7 ≙ 19 | 11 m 50 | 10 🗷 29 | 2Ω10 | 2 m/45 | 8 <u>₽</u> 32 | 12m.56 | 11 🗷 26 | 3210 | 3 m 54 | 9 ≏ 45 | 14m.01 | 12 🗷 24 |
| 15S 16S | 0Ω59 0Ω47 | 1 m ₂ 23 | 7 ≗ 23 | 12 m 07 12 m 24 | 10 ₹ 42 10 ₹ 54 | 1Ω59 1Ω47 | 2 m/33 2 m/20 | 8 <u>요</u> 37 8 <u>요</u> 41 | 13 m 13 13 m 30 | 11 x 39 11 x 52 | 2Ω59 2Ω47 | 3 m/42 3 m/31 | 9 요 50 9 요 56 | 14 m. 18 14 m. 36 | 12 ₹ 36 12 ₹ 49 |
| 17S | 02247 0236 | 0 mg 58 | 7 ≗ 27 | 12 m 42 | 10 x 34 11 x 07 | 1036 | 2 mg 08 | 8 <u>2</u> 41 | 13 m 48 | 11 x· 32 12 z 04 | 2036 | 3 mg 18 | 10 <u>0</u> 01 | 14 m 54 | 12×49 |
| 18S | 0Ω24 | 0 mg 44 | 7 2 36 | 12 m 59 | 11 🗷 20 | 1 Ω 24 | 1 m 55 | 8₽51 | 14m.06 | 12 🗷 17 | 2 \Omega 24 | 3 mg 06 | 10 ₾ 07 | 15 m 12 | 13 🗷 14 |
| 19S | 0 Ω 11 | 0 mg 31 | 7 ≏ 40 | 13 m. 18 | 11 ≉ 33 | 1 Ω 12 | 1 m 42 | 8 ≏ 57 | 14 m 25 | 12 ₹ 30 | 2 ຄ 12 | 2 m 54 | 10 ☎ 13 | 15 m 31 | 13 ₹ 28 |
| 20S | 29\$59 | 0 m, 17 | 7 ≙ 45 | 13 m 37 | 11 ₹ 46 | 0ຄ59 | 1 m, 29 | 9ჲ02 | 14 m 44 | 12 ₹ 44 | 2200 | 2 m/41 | 10മ19 | 15 m 51 | 13 ₹ 41 |
| 21S | 29946 | 0 mg 03 | 7≗50 | 13 m 56 | 12 ₹ 00 | 0ብ47 | 1 m, 15 | 9മ08 | 15 m 03 | 12 ₹ 57 | 1 ₪ 47 | 2 m/ 27 | 10≏25 | 16m10 | 13 ₹ 54 |
| 22S | 29@33 | 29 € 48 | 7 2 54 | 14 m 15 | 12 🗷 13 | 0ω34 | 1 m, 00 | 9 ≏ 13 | 15 m. 23 | 13 🗷 11 | 1ω35 | 2 m 13 | 10 - 32 | 16m31 | 14×108 |
| 23S 24S | 29©20 29©07 | 29 A 33 29 A 17 | 8요00 8요05 | 14m.36 14m.56 | 12 ₹27 12 ₹41 | 0Ω21 0Ω08 | 0 m/46 0 m/31 | 9 <u>a</u> 19 | 15 m. 44 16 m. 05 | 13 ₹ 25 13 ₹ 39 | 1 Ω 22 1 Ω 09 | 1 m, 59 1 m, 45 | 10 <u>⊕</u> 39 10 <u>⊕</u> 46 | 16 m. 52 17 m. 13 | 14 ₹ 22 14 ₹ 36 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 28©53 28©39 | 29Ω01 28Ω44 | 8 亞 10 | 15 m 18 15 m 40 | 12 ₹ 56 13 ₹ 10 | 29©54 29©40 | 0 m 15 29 Ω 59 | 9 <u>0</u> 32 | 16m27 16m49 | 13 ₹ 53 14 ₹ 08 | 0Ω55 0Ω41 | 1 m ₂ 30 1 m ₂ 14 | 10 <u>⊕</u> 53 | 17 m. 35 17 m. 58 | 14∡51 15∡06 |
| 27S | 28925 | 28£27 | 8 <u>₽</u> 22 | 16m.02 | 13 x 10 | 29\$26 | 29 & 42 | 9₽46 | 17 m 12 | 14 × 23 | 0 Ω 27 | 0 m ₂ 58 | 11 201 | 18 m. 21 | 15 ₹ 21 |
| 28S | 28911 | 28209 | 8 ≏ 28 | 16m25 | 13 🗷 41 | 29\$12 | 29 25 | 9 ≙ 53 | 17m35 | 14 🗷 38 | 0Ω13 | 0 mg 41 | 11 ≏ 17 | 18m.45 | 15∡36 |
| 29S | 27ഇ56 | 27 A 51 | 8മ35 | 16m.50 | 13 ₹ 56 | 28\$57 | 29 ຄ 07 | 10요00 | 18m.00 | 14 ₹ 54 | 29ഇ58 | 0 m, 24 | 11≏26 | 19 m 10 | 15 ₹ 52 |
| 30S | 27ഇ41 | 27£32 | 8₽42 | 17m.14 | 14 ₹ 12 | 28942 | 28 N 49 | 10ჲ08 | 18m25 | 15 ₹ 10 | 29943 | 0 mg 06 | 11 ≏ 35 | 19m35 | 16∡08 |
| 31S | 27925 | 27Ω12 | 8 ≏ 49 | 17m.40 | 14 ₹ 28 | 28526 | 28 29 | 10 ≏ 17 | 18m.51 | 15 ₹ 26 | 29\$28 | 29 € 48 | 11 △ 44 | 20m01 | 16∡24 |
| 32S | 27509 | 26251 | 8 2 56 | 18m.07 | 14 🗷 45 | 28510 | 28209 | 10 ₾ 25 | 19m.18 | 15 🗷 43 | 29512 | 29 228 | 11 <u>a</u> 54 | 20 m 29 | 16741 |
| 33S 34S | 26©52 26©36 | 26Ω29 26Ω07 | 9 요 04 9 요 13 | 18 m 34 19 m 03 | 15 ₹ 02 15 ₹ 20 | 27©54 27©37 | 27 \Omega 48 27 \Omega 27 | 10 <u>0</u> 34 | 19m.46 20m.15 | 16×100 | 28©56 28©39 | 29 N 08 28 N 47 | 12 <u>0</u> 4 12 <u>0</u> 15 | 20 m. 57 21 m. 26 | 16∡58 17∡15 |
| 35S | 26918 | 25 \Omega 43 | 9 - 21 | 19 m 33 | 15 🗷 38 | 27520 | 27 Ω 04 | 10-11 | 20 m 45 | 16 🗷 36 | 28922 | 28 25 | 12 <u>-</u> 13 | 21 m 57 | 17 ₹ 33 |
| 36S | 26900 | 25 Ω 19 | 9 ≗ 21 | 20 m 04 | 15 x 56 | 27902 | 26 \Q 40 | 10 2 34 | 20 m 45 | 16×36 | 28504 | 28 N 02 | 12 <u>22</u> 27 | 21 nc 37 | 17×33 |
| 37S | 259642 | 24 \$\alpha\$ 53 | 9 ჲ 40 | 20 m 36 | 16 🗷 15 | 26944 | 26 \$\alpha\$ 15 | 11 ₾ 16 | 21 m 49 | 17 🗷 13 | 275546 | 27Ω38 | 12 - 52 | 23 m 01 | 18 🗷 11 |
| 38S | 25923 | 24 26 | 9 ≙ 51 | 21 m 10 | 16∡35 | 26925 | 25 € 49 | 11 ≏ 29 | 22 m 23 | 17 ₹ 33 | 27927 | 27Ω12 | 13 ≏ 06 | 23 m 36 | 18∡31 |
| 39S | 25©03 | 23 N 58 | 10☎02 | 21 m.45 | 16₹55 | 26505 | 25 21 | 11 ≏ 41 | 22 m 59 | 17 ₹ 53 | 27907 | 26 € 45 | 13 ₾ 21 | 24 m 12 | 18 ₹ 51 |
| 40S | 249643 | 23 № 28 | 10 ≏ 14 | 22 m 22 | 17∡16 | 25\$45 | 24 2 52 | 11 ≏ 55 | 23 m 36 | 18 ₹ 14 | 26947 | 26Ω17 | 13 △ 36 | 24 m 49 | 19∡12 |
| 418 | 24521 | 22.056 | 10 2 27 | 23 m 00 | 17 🗷 38 | 25@24 | 24 \Q 21 | 12 2 10 | 24 m 14 | 18 🗷 36 | 26526 | 25 0 16 | 13 <u>0</u> 53 | 25 m 28 | 19 🗷 33 |
| 42S 43S | 24©00 23©37 | 22 \Omega 23 21 \Omega 48 | 10요40 10요55 | 23 m 40 24 m 23 | 18 ₹ 00 18 ₹ 23 | 25©02 24©39 | 23 Ω 49 23 Ω 15 | 12 2 6 12 2 43 | 24 m 55 25 m 38 | 18 × 58 19 × 21 | 26©05 25©42 | 25 Ω 16 24 Ω 43 | 14 <u>0</u> 11 | 26 m. 09 26 m. 52 | 19∡55 20∡18 |
| 44S | 23@13 | 21 & 10 | 11 <u>2</u> 11 | 25 m 07 | 18 🗷 47 | 24937 | 22.038 | 13 ₾ 01 | 26 m 23 | 19 🗷 45 | 25@19 | 24007 | 14 <u>2</u> 51 | 27 m 37 | 20×18 |
| 45S | 22549 | 20230 | 11≏28 | 25 m 54 | 19 <i>z</i> 11 | 23@51 | 21 2 59 | 13 <u>⊶</u> 22 | 27 m 10 | 20 ₹ 09 | 24954 | 23 29 | 15 ≏ 14 | 28 m.25 | 21 🗷 07 |
| 46S | 22523 | 19248 | 11 <u>-</u> 47 | 26 m 44 | 19 ₹ 37 | 23526 | 21 21 8 | 13 ₾ 43 | 28 m 00 | 20 ₹ 35 | 24529 | 22 € 49 | 15 - 39 | 29 m 15 | 21 🗷 33 |
| 47S | 21@56 | 19203 | 12 ₾ 08 | 27m36 | 20 द 04 | 22559 | 20⋒34 | 14≏07 | 28 m. 52 | 21 🗷 02 | 24502 | 22 20 06 | 16≏06 | 0 ₹ 07 | 21 🗷 59 |
| 488 | 21528 | 18 N 14 | 12 <u>0</u> 31 | 28 m 32 | 20 \$\squad 32 | 22531 | 19 0 46 | 14 <u>0</u> 34 | 29 m. 48 | 21 7 29 | 23534 | 21 \Q 19 | 16 2 36 | 1 × 03 | 22 🗷 27 |
| 498 | 20@59 | 17.0.22 | 12 - 56 | 29 m. 31 | 21 🗷 01 | 22502 | 18255 | 15 2 03 | 0×147 | 21 🗷 58 | 23505 | 20 229 | 17 ₾ 09 | 2 × 02 | 22 🗷 56 |
| 50S | 20529 | 16Ω26 | 13 <u>2</u> 24 | 0 × 33 | 21 ₹31 22 ₹03 | 21 5 32 | 18Ω00 17Ω00 | 15 a 35 | 1 × 50 | 22 x 28 23 x 00 | 22535 | 19 235 | 17 ≏ 45 18 ≏ 26 | 3 × 05 | 23 ₹ 26 23 ₹ 57 |
| 51S 52S | 19©57 19©23 | 15Ω25 14Ω19 | 13 ♀ 56 14 ♀ 31 | 1 ₹ 40 2 ₹ 51 | 22×103 22×36 | 20©59 20©26 | 178100 15 N 55 | 16 ♀ 12 16 ♀ 53 | 2 ₹ 56 4 ₹ 07 | 23 × 00 | 22©03 21©29 | 18Ω37 17Ω33 | 18 1 26 19 1 2 | 4 ₹ 12 5 ₹ 23 | 23×37 24×30 |
| 53S | 18547 | 13 207 | 15 2 12 | 4×107 | 23 × 10 | 19550 | 14 \Omega 45 | 17 ≘ 39 | 5 × 23 | 24 🗷 08 | 20\$54 | 16Ω24 | 20 ₾ 04 | 6 ₹ 38 | 25×05 |
| 54S | 18ഇ10 | 11Ω49 | 15≗58 | 5 ₹ 28 | 23 ∡ 47 | 19513 | 13 ຄ28 | 18≏33 | 6 ₹ 44 | 24 ₹ 44 | 20ഇ16 | 15 ຄ 08 | 21 ≏ 04 | 7 . ₹59 | 25 ₹41 |
| 55S | 17ഇ30 | 10ຄ24 | 16≏53 | 6₹56 | 24 ₹ 25 | 18533 | 12 ൂ 03 | 19≏35 | 8 <i>≱</i> 11 | 25 ₹ 22 | 19ള36 | 13 Q 45 | 22 ≏ 14 | 9 ₹ 25 | 26∡19 |
| 56S | 16948 | 8£50 | 17≏56 | 8 ₹ 29 | 25 ₹ 06 | 17951 | 10 ຄ 30 | 20 △ 47 | 9 ₹ 45 | 26 ₹ 02 | 18554 | 12 \Omega 13 | 23 ₾ 34 | 10 ₹ 58 | 26 ₹ 59 |
| 57S | 16904 | 7206 | 19 ₾ 12 | 10 🗷 11 | 25 🗷 48 | 17506 | 8.047 | 22 ₾ 14 | 11 🗷 25 | 26 🗷 45 | 18910 | 10.031 | 25 ₾ 10 | 12 🗷 38 | 27 🗷 41 |
| 58S 59S | 15©16 14©26 | 5Ω11 3Ω04 | 20 <u>a</u> 45 22 <u>a</u> 39 | 12 ∡ 00 13 ∡ 57 | 26 ₹ 33 27 ₹ 21 | 16©19 15©28 | 6Ω53 4Ω46 | 23 <u>a</u> 58 | 13 ₹ 13 15 ₹ 09 | 27 ₹ 29 28 ₹ 17 | 17©22 16©31 | 8 N 37 6 N 30 | 27 ♀ 05 29 ♀ 26 | 14 ₹ 25 16 ₹ 20 | 28 ₹ 25 29 ₹ 12 |
| | | | | | | | | | | | | | | | |
| 60S 61S | 13©32 12©34 | 0Ω41 28໑02 | 25 a 03 28 a 12 | 16 ₹ 05 18 ₹ 23 | 28 ₹ 12 29 ₹ 05 | 14©34 13©36 | 2 N 23 29 S 43 | 28 <u>₽</u> 48 2m15 | 17 ₹ 15 19 ₹ 31 | 29호07 0중01 | 15©37 14©39 | 4Ω08 1Ω27 | 2 m. 22 6 m. 05 | 18 ₹ 24 20 ₹ 38 | 0중02 0중56 |
| 62S | 11932 | 25©04 | 28 = 12 2 m 27 | 20 ₹ 52 | 0중03 | 12534 | 26943 | 6m.51 | 21 × 58 | 0801 | 13936 | 28925 | 10m.56 | 20 x·38 23 ₹ 02 | 1공52 |
| 63S | 10@25 | 215643 | 8 m 25 | 23 ₹ 34 | 1중04 | 11527 | 23519 | 13 m 09 | 24 ₹ 37 | 1공58 | 12529 | 24959 | 17m25 | 25 ₹ 38 | 2중52 |
| 64S | 9ഇ13 | 17957 | 17m.10 | 26∡29 | 2중10 | 10ഇ14 | 19\$29 | 22 m 02 | 27 ₹ 29 | 3중03 | 115516 | 21504 | 26m15 | 28 ₹ 26 | 3중57 |
| 65S | 7ඉ56 | 135644 | 0 ≉ 23 | 29 ≉ 39 | 3중20 | 8956 | 15©09 | 4 <i>≯</i> 141 | 0중34 | 4중13 | 9957 | 16538 | 8 <i>≱</i> 15 | 1중28 | 5렁06 |
| 66S | 6931 | 9500 | 19×40 | 3중03 | 4중36 | 7931 | 10©16 | 21 🗷 57 | 3중53 | 5중28 | 8531 | 11536 | 23 🗷 47 | 4342 | 6중20 |
| pc | 5941 | 6907 | 2중45 | 5중05 | 5중21 | 6940 | 79317 | 3중12 | 5중51 | 6중12 | 79540 | 8931 | 3중40 | 6중37 | 7궁04 |
| C 1 1 | | 1 1 | | ecliptic of | 1.7 | 2000 | 200001 | , , , | () (() | 222200 | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | ne: 6h30 8©1 | | MC: 99 |)°00' | Sid.Tir MC: | | 0m AR 1'22 | MC: 10 | 00°00' | Sid.Tir MC: | ne: 6h44 10s | 4m AR 06'43 | MC: 10 | 01°00' |
|--------------|--------------------------------|----------------------|----------------------|----------------------|-----------------------|------------------|---------------------|----------------------------------|--------------------|----------------------------------|----------------------------|------------------|----------------------------------|--------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 6£36 | 7 m 17 | 9 ≙ 47 | 11 m 25 | 10∡35 | 7ຄ35 | 8 m, 21 | 10≗52 | 12 m 26 | 11 ₹ 32 | 8ຄ34 | 9 m 25 | 11 ≏ 57 | 13 m.27 | 12 🗷 2 |
| 1S | 6Ω26 | 7 m ₂ 09 | 9₾52 | 11 m. 40 | 10∡47 | 7 A 25 | 8 mg 13 | 10 - 57 | 12m41 | 11 🗷 43 | 8£24 | 9 m 17 | 12 | 13 m.42 | 12 🗷 3 |
| 2S | 6Ω16 | 7 mg 00 | 9 ჲ 56 | 11 m. 54 | 10∡58 | 7Ω15 | 8 mg 05 | 11 | 12 m 56 | 11 ₹ 54 | 8 Ω 15 | 9 mg 09 | 12 🕰 08 | 13 m 57 | 12 ₹ 5 |
| 3S | 6£06 | 6 m 51 | 10 🖴 01 | 12 m 09 | 11∡10 | 7£05 | 7 m 56 | 11 △ 07 | 13 m.11 | 12 ₹ 06 | 8£05 | 9 m 01 | 12 🕰 14 | 14 m 12 | 13 ₹ 0. |
| 4S | 5Ω56 | 6 m 42 | 10 🖴 05 | 12 m 24 | 11.721 | 6£055 | 7 m/47 | 11 ≏ 12 | 13 m.26 | 12∡18 | 7£55 | 8 m 53 | 12 🕰 19 | 14 m.28 | 13 ∡ 1 |
| 5S | 5Ω46 | 6 m ₂ 33 | 10 ≏ 10 | 12 m 39 | 11 🗷 33 | 6£45 | 7 m ₂ 39 | 11 ≏ 18 | 13 m.41 | 12×29 | 7Ω45 | 8 mp 45 | 12 ≏ 25 | 14 m.43 | 13 ~ 2 |
| 6S | 5£46 | 6 mg 24 | 10 = 10 | 12 m 55 | 11 🗷 44 | 6£43 | 7 m ₂ 30 | 11 | 13 m 57 | 12×29 | 7035 | 8 mg 36 | 12 = 23 | 14 m 59 | 13 x 2 |
| 7S | 5 <i>α</i> 26 | 6 mg 14 | 10≗13 | 13 m 10 | 11 🗷 56 | 6 N 25 | 7 mg 21 | 11 229 | 14 m 13 | 12×41 12×53 | 7 N 25 | 8 m/ 28 | 12 = 31 | 15 m 15 | 13 x 3 |
| 8S | 5Ω15 | 6 mg 05 | 10 = 20 | 13 m 26 | 12 × 08 | 6Ω15 | 7 mg 12 | 11 2 34 | 14m29 | 13 × 04 | 7.015 | 8 mg 19 | 12 2 37 | 15 m 31 | 14 🗷 0 |
| 9S | 5 N 05 | 5 m ₂ 55 | 10 = 20 | 13 m. 42 | 12 \$\times 20 | 6Ω04 | 7 mg 02 | 11 ⊆ 40 | 14 m. 45 | 13 🗷 16 | 7a04 | 8 mg 10 | 12 △ 49 | 15 m 48 | 14 🗷 1 |
| - 1 | | | | | | | | | | | | | | | |
| 10S | 4 0 13 | 5 m 45 | 10 ₾ 35 | 13 m. 58 | 12 7 32 | 5 0 13 | 6 m 53 | 11 ₾ 46 | 15m.01 | 13 🗷 28 | 6Ω54 | 8 mg 01 | 12 € 56 | 16m.05 | 14 7 2 |
| 11S | 4 \O 43 | 5 m 35 | 10 ₾ 41 | 14 m. 14 | 12 7 44 | 5 0 43 | 6 m 43 | 11 ₾ 52 | 15m.18 | 13 🗷 40 | 6Ω44 | 7 m 52 | 13 ♣ 02 | 16m22 | 14 7 3 |
| 12S | 4£33 | 5 m 24 | 10 2 46 | 14 m. 31 | 12 7 56 | 5 A 33 | 6 m 33 | 11 ₾ 58 | 15 m. 35 | 13 🖈 53 | 6£33 | 7 m 42 | 13 ₾ 09 | 16m.39 | 14 🗷 4 |
| 13S | 4 \O 22 | 5 m 14 | 10 ₾ 52 | 14 m. 48 | 13 🗷 08 | 5 0 2 2 | 6 m 23 | 12 △ 04 | 15 m. 52 | 14 🗷 05 | 6 N 22 | 7 m 33 | 13 ₾ 16 | 16m.56 | 15 🗷 |
| 14S | 4 N 10 | 5 mg 03 | 10≏58 | 15m.06 | 13 ₹ 20 | 5Ω11 | 6 mg 13 | 12 ≏ 10 | 16m.10 | 14 ₹ 17 | 6 Q 11 | 7 m 23 | 13 ≏ 23 | 17 m 14 | 15 🗷 1 |
| 15S | 3 № 59 | 4 m 52 | 11 △ 04 | 15 m 23 | 13 ₹ 33 | 5Ω00 | 6 mg 02 | 12 ≏ 17 | 16m28 | 14 ₹ 30 | 6£000 | 7 m/13 | 13 ≏ 30 | 17m32 | 15 ₹ 2 |
| 16S | 3 ₪ 48 | 4 m/41 | 11 △ 10 | 15m.41 | 13 ₹ 46 | 4Ω48 | 5 m 51 | 12 ≏ 24 | 16m46 | 14 ₹ 43 | 5Ω49 | 7 mg 02 | 13 ₾ 38 | 17m51 | 15 ₹ 3 |
| 17S | 3⋒36 | 4 m 29 | 11 ≏ 16 | 16m.00 | 13 ₹ 59 | 4£37 | 5 m/40 | 12 ≏ 31 | 17m.05 | 14 ₹ 55 | 5 N 38 | 6 m 52 | 13 △ 45 | 18 m 10 | 15 ₹ 5 |
| 18S | 3 № 25 | 4 m 17 | 11 2 3 | 16m.18 | 14 ₹ 12 | 4 N 25 | 5 m 29 | 12 ≏ 38 | 17m24 | 15 ₹ 08 | 5Ω26 | 6 m/41 | 13 ≏ 53 | 18 m 29 | 16∡(|
| .9S | 3 A 13 | 4 m/05 | 11 ≏ 29 | 16m38 | 14 ₹ 25 | 4Ω14 | 5 m, 17 | 12 ≏ 45 | 17m.43 | 15 ₹ 22 | 5 Q 15 | 6 mg 30 | 14ჲ01 | 18 m 49 | 16∡1 |
| 20S | 3⋒00 | 3 m 53 | 11 ≏ 36 | 16m.57 | 14∡38 | 4Ω02 | 5 mg 05 | 12 ⊆ 53 | 18 m. 03 | 15 ₹ 35 | 5ຄ03 | 6 mg 18 | 14≗10 | 19 m 09 | 16∡3 |
| 21S | 2⋒48 | 3 m/40 | 11 △ 43 | 17m.17 | 14 ₹ 52 | 3 ⋒ 49 | 4 m 53 | 13 🖴 01 | 18m.24 | 15 ₹ 49 | 4251 | 6 m/07 | 14 ≏ 18 | 19 m 30 | 16×14 |
| 2S | 2236 | 3 m/ 27 | 11 ⊆ 51 | 17m.38 | 15 ₹ 05 | 3 a 37 | 4 m/40 | 13 ₾ 09 | 18m.45 | 16 ₮ 02 | 4£38 | 5 m 54 | 14≗27 | 19 m 51 | 16∡5 |
| 23S | 2 N 23 | 3 m 13 | 11 ≏ 58 | 17m.59 | 15 ₹ 19 | 3 № 24 | 4 m 27 | 13 ⊆ 17 | 19m.06 | 16 ₹ 16 | 4 <i>Ω</i> 26 | 5 m/42 | 14≗36 | 20 m 13 | 17🗷 |
| 24S | 2 N 10 | 2 m 59 | 12 △ 06 | 18m.21 | 15 ≉ 34 | 3 ₪ 11 | 4 m 14 | 13 ≏ 26 | 19m.28 | 16∡31 | 4Ω13 | 5 m 29 | 14≏46 | 20 m 35 | 17.₹2 |
| 25S | 1 2 5 6 | 2 m 45 | 12 ≏ 14 | 18 m. 43 | 15 ₹ 48 | 2 2 5 8 | 4 m 00 | 13 <u>⊶</u> 35 | 19m.51 | 16∡45 | 4£00 | 5 m/16 | 14₽56 | 20 m 58 | 17 ~ 4 |
| 6S | 1 Ω 43 | 2 m/ 30 | 12 - 23 | 19 m 06 | 16 🗷 03 | 20136 | 3 m/ 46 | 13 - 45 | 20 m 14 | 17×100 | 3 \Omega 47 | 5 mg 02 | 15 206 | 21 m 21 | 17.75 |
| 27S | 1 & 29 | 2 mg 14 | 12 - 32 | 19 m 29 | 16 🗷 18 | 2031 | 3 mg 31 | 13 ♀ 54 | 20 m 38 | 17×15 | 3 & 3 3 | 4 mg 48 | 15 ₾ 17 | 21 m 45 | 18 🗷 1 |
| 28S | 1Ω15 | 1 m ₂ 58 | 12 € 41 | 19 m 54 | 16 🗷 33 | 2ω17 | 3 mg 15 | 14 2 0 5 | 21 m 02 | 17×30 | 3 & 19 | 4 m 33 | 15 € 28 | 22 m 10 | 18×2 |
| 29S | 1 2 00 | 1 m 42 | 12≗51 | 20 m. 19 | 16∡49 | 2 & 0 2 | 2 m 59 | 14 | 21 m.28 | 17∡146 | 3 205 | 4 mg 18 | 15 △ 40 | 22 m 36 | 18.74 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 0Ω45 0Ω30 | 1 m/24 1 m/06 | 13 亞 01 | 20 m. 45 21 m. 11 | 17∡05 17∡21 | 1 Ω 47 1 Ω 32 | 2 m/43 2 m/26 | 14 <u>⊕</u> 26 14 <u>⊕</u> 38 | 21 m.54 22 m.21 | 18 ₹ 02 18 ₹ 19 | 2 \Omega 50 2 \Omega 35 | 4 m 02 3 m 45 | 15 ≏ 52 16 ≏ 05 | 23 m 02 23 m 30 | 18 אַד 5 19 אַד 1 |
| 32S | 08230 | 0 mg 48 | 13 2 2 2 | 21 m 39 | 17×21 17×38 | 1 Ω 17 | 2 m/ 28 | 14 2 50 | 22 m 49 | 18 ₹ 35 | 2Ω19 | 3 m/ 43 | 16218 | 23 m 58 | 19 2 3 |
| 33S | 29958 | 0 m/ 28 | 13 € 22 | 22 m 08 | 17×55 | 1000 | 2 mg 49 | 15 2 03 | 23 m 18 | 18 × 53 | 2003 | 3 m/ 20 | 16≗32 | 24 m 27 | 19 🖈 5 |
| 34S | 29931 | 0 mg 08 | 13 2 46 | 22 m 37 | 18 🗷 13 | 0Ω44 | 1 m, 29 | 15 2 17 | 23 m 47 | 19 🗷 10 | 1 \O 47 | 2 m/ 51 | 16≗32 | 24 m 57 | 20 🗷 0 |
| | | | | | | | | | | | | | | | |
| SSS | 29524 | 29 \$ 47 | 13 ₾ 59 | 23 m 08 | 18 🗷 31 | 0Ω27 | 1 m 09 | 15 ₾ 31 | 24 m 18 | 19 🗷 28 | 1030 | 2 m/31 | 17 △ 03 | 25 m 28 | 20 🗷 2 |
| 36S | 29507 | 29 & 24 | 14 ₾ 13 | 23 m. 40 | 18 🗷 49 | 0009 | 0 m 47 | 15 △ 46 | 24 m. 51 | 19 🗷 47 | 1Ω13 | 2 m 11 | 17 △ 19 | 26m01 | 20 🗷 |
| 37S | 28548 | 29 20 01 | 14 ₾ 27 | 24 m 13 | 19 7 09 | 29551 | 0 m 25 | 16 2 02 | 25 m. 24 | 20 🗷 06 | 0.055 | 1 m 49 | 17 △ 37 | 26m35 | 21 🗷 (|
| | 28530 | | 14 <u>0</u> 43 | | | 29533 | | 16 ₾ 19 | | | 0.036 | | 17 ≏ 55 | | |
| 39S | 28510 | 28 A 10 | 14≗59 | 25 m 24 | 19∡48 | 29513 | 29 A 36 | 16 ≏ 37 | 26m35 | 20 ₹ 46 | 0Ω17 | 1 m, 02 | 18 ≏ 15 | 27 m 46 | 21 🗷 |
| 10S | 27950 | 27 € 43 | 15 ≏ 17 | 26m.01 | 20 ₹ 09 | 28953 | 29 Q 10 | 16≏56 | 27 m 13 | 21 ₹ 06 | 29957 | 0 m/37 | 18 ≏ 36 | 28 m 24 | 22 ∡ (|
| 11S | 27929 | 27Ω14 | 15 ≏ 35 | 26m41 | 20∡31 | 28533 | 28⋒42 | 17≗17 | 27 m 53 | 21 ₹ 28 | 29537 | 0 mg 10 | 18≗58 | 29 m 04 | 22 ₹ 2 |
| 12S | 27908 | 26 € 44 | 15 ₾ 55 | 27 m 22 | 20 ₹ 53 | 28511 | 28Ω12 | 17 ₾ 39 | 28 m. 34 | 21 🗷 50 | 29915 | 29 € 42 | 19 ₾ 22 | 29 m 46 | 22 🗷 |
| 13S | 26945 | 26Ω11 | 16 ₾ 17 | 28m05 | 21 🗷 16 | 27549 | 27Ω41 | 18 ₾ 03 | 29 m 18 | 22 🗷 13 | 28953 | 29 Ω 12 | 19 △ 48 | 0 ₹ 29 | 23 🗷 1 |
| 14S | 26922 | 25⋒37 | 16≗40 | 28m.51 | 21 ∡ 40 | 27926 | 27£08 | 18 ≏ 29 | 0 ₮ 03 | 22 ₮ 37 | 28930 | 28 € 40 | 20 ₾ 16 | 1 ₹ 15 | 23 ₮3 |
| 15S | 25©58 | 25 № 00 | 17 ≏ 06 | 29 m 38 | 22 ₹ 04 | 27ഇ01 | 26⋒32 | 18≏56 | 0∡51 | 23 ₮ 01 | 28506 | 28⋒05 | 20 △ 46 | 2 ₹ 03 | 23 ∡ 5 |
| 16S | 25932 | 24 N 21 | 17≗33 | 0∡29 | 22 ∡ 30 | 26936 | 25 № 54 | 19≏27 | 1 ∡ 42 | 23 ₹ 27 | 27941 | 27 Ω 29 | 21 ≏ 19 | 2 ₹ 54 | 24 ₹ 2 |
| .7S | 25ഇ06 | 23 ⋒39 | 18≏03 | 1 ∡ 21 | 22 ∡ 56 | 26 න 10 | 25 ₪ 14 | 20 ₾ 00 | 2 ₹ 35 | 23 ₹ 53 | 279514 | 26 € 49 | 21 ≏ 55 | 3 ∡ 47 | 24 🗷 5 |
| 8S | 24538 | 22 Ω 54 | 18 ≏ 36 | 2 ₹ 17 | 23 ₹ 24 | 259642 | 24£30 | 20 △ 36 | 3 ₹ 31 | 24 ₹ 21 | 26947 | 26⋒07 | 22 △ 34 | 4 <i>≯</i> 143 | 25 ₹ |
| 9S | 24509 | 22 A 05 | 19 ≏ 13 | 3 ∡ 17 | 23 ₹ 53 | 25©13 | 23 € 42 | 21 ≏ 16 | 4∡730 | 24 ₹ 49 | 26918 | 25 № 21 | 23 ≏ 18 | 5 ₹ 42 | 25 ₺ |
| os | 23539 | 21 Ω 13 | 19 ≙ 54 | 4∡19 | 24 ₹ 23 | 249643 | 22£51 | 22 🖴 00 | 5 ₹ 32 | 25 ₹ 19 | 25948 | 24⋒31 | 24≗05 | 6 ≉ 44 | 26 ∡ |
| 1S | 23ഇ07 | 20Ω15 | 20 🖴 39 | 5∡26 | 24 ₹ 54 | 24911 | 21 256 | 22 - 2 50 | 6₹39 | 25 ₹ 50 | 25©16 | 23 ω37 | 24 🕰 59 | 7 ₹ 51 | 26 ₹ |
| 2S | 22533 | 19Ω13 | 21 | 6∡37 | 25 ₹ 27 | 23 ഇ 37 | 20Ω55 | 23 ≏ 45 | 7 . ₹49 | 26 ₹ 23 | 24942 | 22⋒38 | 25 ≏ 59 | 9∡01 | 27 ₹ |
| 3S | 21557 | 18⋒05 | 22 ≏ 27 | 7 <i>≱</i> 52 | 26 ₹ 01 | 23 5 02 | 19⋒49 | 24 <u>⊶</u> 48 | 9 ≉ 04 | 26 ₹ 57 | 24507 | 21 ⋒34 | 27≗06 | 10∡16 | 27 🗷 |
| 4S | 21©20 | 16 0 51 | 23 ₾ 33 | 9∡12 | 26 ₹ 37 | 22ණ25 | 18 Ω 36 | 25 ≏ 59 | 10∡24 | 27 ≉ 33 | 23@30 | 20 ⋒23 | 28 ≏ 23 | 11 ∡ 35 | 28 ₺ |
| 5S | 20940 | 15 Ω 29 | 24 ♀ 49 | 10∡38 | 27 ₹ 15 | 21 5 45 | 17Ω15 | 27 ≏ 22 | 11∡50 | 28 ₹ 11 | 22950 | 19⋒04 | 29 ≏ 50 | 13 ₹ 00 | 29 🗷 |
| 6S | 19958 | 13 £ 25 | 26 - 18 | 12 🗷 10 | 27×15 | 21 5 03 | 15Ω46 | 28 <u>\$</u> 57 | 13 🗷 21 | 28 🗷 50 | 22508 | 17.Ω37 | 1 m. 32 | 14 🗷 31 | 29 🗷 |
| 7S | 19513 | 12Ω17 | 28 ♀ 02 | 13×10 | 28 × 37 | 20918 | 14Ω07 | 0 m 49 | 14×21 | 29 × 32 | 21 5 23 | 15 Ω 59 | 3 m. 30 | 16×07 | 0ਤ |
| 8S | 18526 | 10Ω25 | 0m.07 | 15×135 | 29 🗷 21 | 19930 | 12Ω16 | 3 m. 02 | 16 🗷 44 | 0중16 | 20935 | 14Ω09 | 5 m . 51 | 17×51 | 1ਰ |
| 9S | 17935 | 8 N 19 | 2 m 38 | 17 ₹ 29 | 0중08 | 18539 | 10 \$\alpha\$ 10 | 5 m 42 | 18 ₹ 36 | 1중02 | 19544 | 12 € 06 | 8 m 38 | 19 ₹ 42 | 1ਰ |
| os | 16940 | 5£56 | 5 m 45 | 19∡31 | 0중57 | 17:545 | 7 Ω 49 | 8 m. 58 | 20×37 | 1중52 | 18950 | 9 € 45 | 12 m.02 | 21 🗷 41 | 2 ਤ |
| | | 3 N 15 | 5111.45 911.40 | | | | 78149 5Ω08 | 8 11L 38 | 20 × 37 22 × 47 | 1632 2 중 44 | | | 1211L02 | 21 x 41 23 x 49 | 25 3ਰ |
| 1S | 15©42 14©39 | 3 <i>l</i> 13 0 Ω 12 | 14m42 | 21 ₹ 43 24 ₹ 05 | 1중50 2중46 | 16946 15943 | 2Ω03 | 13 m 102 | 22×47 25×106 | 2544 3 5 40 | 17ඉ51 16ඉ48 | 7Ω04 4Ω00 | 21 m.21 | 23 × 49 26 × 06 | 4ਰ |
| 2S 3S | 13931 | 26943 | 21 m 15 | 24 × 03 26 ₹ 38 | 2546 3 중 46 | 13943 | 28532 | 24 m 43 | 25×106 | 4중39 | 15939 | 43200 0Ω27 | 27 m 50 | 28 × 34 | 5 5 5 |
| 4S | 12@18 | 20943 | 21 IIL 13 29 m 54 | 20×38 29×23 | 3546 4 궁 50 | 14933 | 28@32 24@29 | 24 IIL43 3 ₹ 07 | 2/x·3/ 0중18 | 5 3 42 | 13939 | 26©20 | 2711L30 5∡158 | 28×34 1중12 | ਰ 6ਰ |
| | | | | | | | | | | | | | | | |
| 55S | 10959 | 18911 | 11 🗷 14 | 2중20 | 5중58 | 12501 | 19950 | 13 × 46 | 3중11 | 6중50 | 13905 | 21534 | 15 ₹ 59 | 4중02 | 7중4 |
| | 0022 | 13500 | 25 ₹ 20 | 5云30 | 7중11 | 10ഇ34 | 14929 | 26 ₹ 39 | 6중17 | 8중03 | 11937 | 16904 | 27 ∡ 50 | 7云03 | 8중5 |
| 66S oc | 9 93 2 8 9 40 | 9948 | 4궁07 | 7る22 | 7云55 | 99642 | 119510 | 4중35 | 8중07 | 8중46 | 10ഇ44 | 12937 | 5云02 | 8중50 | 9 ප 3 |

| | Sid.Tin MC: | | 8m AR 602'07 | MC: 10 | 2°00' | Sid.Tir MC: | | 2m AR 557'34 | MC: 10 |)3°00' | Sid.Tir MC: | | 6m AR 53'06 | RMC: 10 |)4°00' |
|--------------|------------------|------------------------|----------------------------------|--------------------|--------------------------------|--------------------|----------------------------|----------------------------------|--------------------------------|---------------------------------|--|------------------------------|----------------------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 9ຄ33 | 10 m, 29 | 13 <u>⊶</u> 02 | 14m27 | 13 ₹ 24 | 10 ຄ 32 | 11 mp 34 | 14≏07 | 15 m .27 | 14 🗷 19 | 11 a 32 | 12 m, 38 | 15 ≏ 12 | 16m27 | 15 ₹ 15 |
| 1S | 9Ω24 | 10 m 22 | 13 ₾ 08 | 14m42 | 13 🗷 35 | 10 ຄ 23 | 11 m/27 | 14 △ 13 | 15 m. 43 | 14 🗷 31 | 11 Q 23 | 12 m/31 | 15 ≏ 19 | 16m43 | 15 ₹ 27 |
| 2S | 9Ω14 | 10 mg 14 | 13 ₾ 14 | 14m.58 | 13 🗷 47 | 10 \Q 14 | 11 m 19 | 14 ₾ 20 | 15 m 59 | 14 🗷 43 | 11 2 13 | 12 m 25 | 15 ₾ 25 | 16m.59 | 15 7 38 |
| 3S 4S | 9Ω04 8Ω55 | 10 m, 07 9 m, 59 | 13 <u>⊕</u> 20 13 <u>⊕</u> 26 | 15 m 13 15 m 29 | 13 ₹ 58 14 ₹ 10 | 10Ω04 9Ω54 | 11 mp 12 11 mp 05 | 14 <u>⊕</u> 26 14 <u>⊕</u> 33 | 16m.14 16m.30 | 14 ₹ 54 15 ₹ 06 | 11Ω04 10Ω54 | 12 mp 18 12 mp 11 | 15 ♀ 33 15 ♀ 40 | 17 m 15 17 m 31 | 15 ₹ 50 16 ₹ 02 |
| 5S | 8 N 45 | 9 m ₂ 51 | 13 - 20 | 15 m. 45 | 14 🗷 22 | 9Ω45 | 10 m ₂ 57 | 14 <u>0</u> 40 | 16 m. 46 | 15 🗷 18 | 10Ω45 | 12 m 04 | 15 - 10 | | 16 🗷 14 |
| 6S | 8£43 | 9 mg 43 | 13 2 3 3 9 | 15 11643 | 14×122 | 98143 | 10 mp 50 | 14 <u>22</u> 40 | 17 m 03 | 15×18 | 102243 10235 | 12 mg 56 | 15 2 5 4 | 17 m.48 18 m.04 | 16×14 |
| 7S | 8 N 25 | 9 m 35 | 13 <u>△</u> 46 | 16m.17 | 14×145 | 9 25 | 10 mg 42 | 14 <u>□</u> 54 | 17 m. 19 | 15 🗷 41 | 10 Ω 25 | 11 mg 49 | 16 202 | 18 m 21 | 16×23 |
| 8S | 8 Q 15 | 9 m 26 | 13 ≏ 52 | 16m34 | 14∡57 | 9Ω15 | 10 m 34 | 15≗01 | 17m36 | 15 ₹ 53 | 10£16 | 11 m 42 | 16 ≏ 10 | 18 m 38 | 16∡49 |
| 9S | 8£05 | 9 m, 18 | 13 ₾ 59 | 16m.50 | 15 ₹ 09 | 9⋒05 | 10 m, 26 | 15 ≏ 08 | 17m.53 | 16 ₹ 05 | 10£06 | 11 mg 34 | 16≏18 | 18m.55 | 17 ₹ 01 |
| 10S | 7£54 | 9 mg 09 | 14ჲ06 | 17m.07 | 15 ₹ 21 | 8 N 55 | 10 mg 18 | 15 ≏ 16 | 18m.10 | 16∡17 | 9⋒56 | 11 m/26 | 16≏26 | 19 m 13 | 17 ₹ 13 |
| 115 | 7Ω44 | 9 m 00 | 14 🕰 13 | 17m.25 | 15 7 46 | 8.045 | 10 m 09 | 15 △ 24 | 18m.28 | 16 7 30 | 9Ω46 | 11 m 18 | 16 △ 34 | 19 m. 30 | 17×26 |
| 12S 13S | 7Ω34 7Ω23 | 8 mp 51 8 mp 42 | 14 <u>0</u> 20 | 17 m.42 18 m.00 | 15 ₹ 46 15 ₹ 58 | 8 ຄ 3 4 8 ຄ 2 4 | 10 mp 01 9 mp 52 | 15 ⊕ 31 15 ⊕ 39 | 18 m. 45 19 m. 03 | 16 ₹ 42 16 ₹ 54 | 9Ω35 9Ω25 | 11 m, 10 11 m, 02 | 16 ♀ 42 16 ♀ 51 | 19 m. 48 20 m. 07 | 17∡38 17∡50 |
| 14S | 7 N 12 | 8 mg 33 | 14 <u>2</u> 26 | 18 m. 18 | 16×10 | 8 N 13 | 9 m 43 | 15 2 48 | 19 m. 22 | 17 🗷 07 | 9Ω15 | 10 m/ 54 | 17≗00 | 20 m 25 | 18 × 03 |
| 15S | 7 . 001 | 8 m ₂ 23 | 14 ≏ 43 | 18m.37 | 16∡23 | 8£03 | 9 m _p 34 | 15 ≙ 56 | 19 M.41 | 17 <i>≱</i> 19 | 9ຄ04 | 10 m 45 | 17ჲ09 | 20 m 44 | 18∡16 |
| 16S | 6£50 | 8 mg 13 | 14 <u>0</u> 51 | 18m.55 | 16 × 36 | 7£52 | 9 m ₂ 25 | 16 2 05 | 20m.00 | 17 🗷 32 | 8£53 | 10 mg 36 | 17 ⊆ 09 | 21 m 03 | 18 🗷 29 |
| 17S | 6£39 | 8 mg 03 | 15 △ 00 | 19 m 15 | 16≉49 | 7ብ41 | 9 m 15 | 16 2 14 | 20m.19 | 17 ≉ 45 | 8 N 42 | 10 m 27 | 17 ≏ 28 | 21 m.23 | 18∡41 |
| 18S | 6£28 | 7 m 53 | 15 2 08 | 19m.34 | 17×02 | 7 A 29 | 9 m 05 | 16 23 | 20m39 | 17×58 | 8£31 | 10 m, 18 | 17≏38 | 21 m.43 | 18 🗷 55 |
| 19S | 6 Q 16 | 7 m, 42 | 15 ≏ 17 | 19 m 54 | 17∡15 | 7Ω18 | 8 m, 55 | 16≗33 | 20m59 | 18 ₹ 12 | 8£20 | 10 mg 08 | 17 ≏ 48 | 22 m 04 | 19∡08 |
| 20S | 6Ω04 | 7 m 31 | 15 ₾ 26 | 20 m 15 | 17.₹29 | 7£06 | 8 m 45 | 16 ₾ 42 | 21 m 20 | 18 7 25 | 8£08 | 9 m, 58 | 17♀58 | 22 m 25 | 19×21 |
| 21S 22S | 5Ω52 5Ω40 | 7 m 20 7 m 09 | 15 ≗ 35 15 ≗ 45 | 20m36 20m57 | 17 ₹ 42 17 ₹ 56 | 6Ω54 6Ω42 | 8 mp 34 8 mp 23 | 16 ♀ 52 17 ♀ 03 | 21 m.41 22 m.03 | 18 × 39 18 × 53 | 7Ω56 7Ω45 | 9 m/48 9 m/38 | 18 ♀ 09 | 22 m. 46 23 m. 08 | 19 ₹ 35 19 ₹ 49 |
| 23S | 5 N 28 | 6 m 57 | 15 = 45 | 21 m 19 | 18 🗷 10 | 6£30 | 8 mg 12 | 17 ⊆ 03 | 22 m 25 | 19 🗷 07 | 7 N 32 | 9 mg 27 | 18 - 32 | 23 m 30 | 20 × 03 |
| 24S | 5 Ω 15 | 6 m 44 | 16≏06 | 21 m.42 | 18 ₹ 24 | 6Ω17 | 8 m, 00 | 17≏25 | 22 m 48 | 19 ₹ 21 | 7£20 | 9 mg 16 | 18 ≏ 44 | 23 m 53 | 20 ₹ 17 |
| 25S | 5Ω02 | 6 m ₂ 32 | 16≏16 | 22 m 05 | 18∡39 | 6⋒04 | 7 mp 48 | 17 ≏ 36 | 23 m. 11 | 19∡36 | 7£07 | 9 m 05 | 18≏56 | 24 m 17 | 20 🗷 32 |
| 26S | 4Ω49 | 6 m 19 | 16 ≏ 27 | 22 m 28 | 18∡54 | 5 N 5 1 | 7 m 36 | 17 ≏ 48 | 23 m 35 | 19∡750 | 6Ω54 | 8 m 53 | 19ჲ09 | 24 m 41 | 20 ҂ 47 |
| 27S | 4Ω35 | 6 m 05 | 16₽39 | 22 m 53 | 19 🗷 09 | 5 N 38 | 7 m 23 | 18 ≏ 01 | 24 m 00 | 20 \$\squad 05 | 6Ω41 | 8 mg 41 | 19 ₾ 23 | 25 m.06 | 21 🗷 02 |
| 28S 29S | 4Ω21 4Ω07 | 5 m 51 5 m 36 | 16 ♀ 51 17 ♀ 04 | 23 m 18 23 m 44 | 19 ₹ 24 19 ₹ 40 | 5Ω24 5Ω10 | 7 m, 09 6 m, 55 | 18 ≏ 14 18 ≏ 28 | 24 m 25 24 m 51 | 20 ₹21 20 ₹37 | 6Ω27 6Ω13 | 8 m, 28 8 m, 15 | 19 ≗ 37 19 ≗ 51 | 25 m 32 25 m 58 | 21 ₹ 17 21 ₹ 33 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 3 N 53 3 N 38 | 5 m/21 5 m/05 | 17 ≏ 17 17 ≏ 31 | 24 m 10 24 m 38 | 19 ₹ 56 20 ₹ 12 | 4Ω56 4Ω41 | 6 mp 41 6 mp 26 | 18 ≏ 42 18 ≏ 57 | 25 m. 18 25 m. 46 | 20 × 53 21 × 09 | 5Ω59 5Ω44 | 8 mg 01 7 mg 47 | 20 a 06 20 a 22 | 26 m. 25 26 m. 53 | 21 ∡ 49 22 ∡ 06 |
| 32S | 3 N 22 | 4 m ₂ 49 | 17≗31 | 25 m 06 | 20×12 | 4Ω26 | 6 mg 10 | 19 2 12 | 26 m 14 | 21 🗷 26 | 5 N 29 | 7 mg 32 | 20 ₾ 39 | 27 m 22 | 22 🗷 22 |
| 33S | 3⋒07 | 4 m 32 | 18ჲ01 | 25 m 36 | 20 ≉ 46 | 4Ω10 | 5 m 54 | 19≏29 | 26m44 | 21 🗷 43 | 5Ω14 | 7 m 16 | 20ჲ56 | 27 m 52 | 22 ₹ 39 |
| 34S | 2£50 | 4 mg 14 | 18 ≏ 17 | 26m06 | 21 ₮ 04 | 3 № 54 | 5 m, 37 | 19ჲ46 | 27 m 15 | 22 ₮ 01 | 4£058 | 7 m, 00 | 21 ≏ 15 | 28 m 23 | 22 ₹ 57 |
| 35S | 2⋒34 | 3 m/ 55 | 18മ34 | 26m38 | 21 ₹ 22 | 3 a 37 | 5 m, 19 | 20 ₾ 04 | 27m46 | 22 ₮ 19 | 4Ω41 | 6 m/43 | 21 ≏ 34 | 28 m 55 | 23 द 15 |
| 36S | 2Ω16 | 3 m 35 | 18 ₾ 51 | 27m 10 | 21 🗷 41 | 3 & 20 | 5 m 00 | 20 ₾ 23 | 28m.19 | 22 🗷 37 | 4 \(\O 24 \) | 6 m 25 | 21 ₾ 55 | 29 m 28 | 23 🗷 34 |
| 37S 38S | 1Ω58 1Ω40 | 3 m/ 14 | 19요10 19요30 | 27 m 44 | 22 ∡ 00 22 ∡ 19 | 3Ω02 2Ω44 | 4 m/40 | 20 <u>a</u> 44 21 <u>a</u> 05 | 28 m 53 | 22 🗷 56 23 🗷 16 | 4Ω07 3Ω49 | 6 mg 06 | 22 <u>a</u> 16 22 <u>a</u> 39 | 0 ≠ 02 0 ≠ 38 | 23 ₹ 52 24 ₹ 12 |
| 39S | 1 & 21 | 2 m/ 30 | 19≗52 | 28 m 56 | 22 🗷 39 | 2 \Omega 25 | 3 m ₂ 57 | 21 | 0 \$7 06 | 23 🗷 36 | 3 & 3 0 | 5 m/ 26 | 23 ♀ 03 | 1 × 15 | 24 🗷 32 |
| 40S | 1 201 | 2 m ₂ 05 | 20 ≏ 14 | 29 m 35 | 23 ₹ 00 | 2206 | 3 m ₂ 34 | 21 ≏ 52 | 0 <i>≭</i> 44 | 23 ₹ 56 | 3 & 11 | 5 m ₂ 03 | 23 <u>≏</u> 29 | 1 ₹ 53 | 24 🗷 53 |
| 41S | 0Ω41 | 1 mg 40 | 20 ₾ 39 | 0×15 | 23×21 | 1 \Omega 45 | 3 m 09 | 22 <u>□</u> 18 | 1 🗷 25 | 24×18 | 2250 | 4 m/40 | 23 <u>□</u> 57 | 2 × 34 | 25×14 |
| 42S | 0Ω19 | 1 m/12 | 21 ≏ 05 | 0 ₹ 57 | 23 ∡ 44 | 1 ຄ 24 | 2 m/43 | 22 ≏ 46 | 2 ₹ 07 | 24 ∡ 40 | 2⋒29 | 4 m, 15 | 24≗27 | 3 ₹ 16 | 25 ₹ 36 |
| 438 | 29@57 | 0 m 43 | 21 <u>△</u> 32 | 1 × 40 | 24 🗷 06 | 1 & 02 | 2 m 16 | 23 ₾ 16 | 2 × 50 | 25 🗷 03 | 2008 | 3 m 49 | 24 <u>a</u> 58 | 4×100 | 25 🗷 59 |
| 44S | 29534 | 0 m 12 | 22 <u>0</u> 3 | 2×26 | 24 🗷 30 | 0.039 | 1 m 46 | 23 <u>□</u> 48 | 3 ₹ 36 | 25 ₹ 26 | 1 Ω 45 | 3 m 21 | 25 △ 32 | 4 ₹ 46 | 26 🗷 22 |
| 45S | 29©10 28©45 | 29 A 39 29 A 04 | 22 △ 35 23 △ 10 | 3 ₹ 14 4 ₹ 05 | 24 🗷 54 | 0 വ 16 29 ഇ 5 1 | 1 mp 14 | 24 <u>2</u> 23 | 4 ₹ 24 5 ₹ 15 | 25 ₹ 51 26 ₹ 16 | 1Ω21 | 2 m 50 | 26 <u>0</u> 09 | 5 x 34 | 26 ∡ 47 27 ∡ 12 |
| 46S 47S | 28943 28919 | 293104 28Ω26 | 23 <u>a</u> 10 | 4×103 4×158 | 25 ₹ 20 25 ₹ 46 | 29931 | 0 mp 41 0 mp 04 | 25 ♀ 00 25 ♀ 42 | 5×15 6×108 | 26×16 26×42 | 0Ω57 0Ω31 | 2 m, 18 1 m, 43 | 26 ♀ 49 27 ♀ 33 | 6∡124 7∡18 | 27 x 12 |
| 48S | 27952 | 27 \$\alpha 45 | 24 ₾ 31 | 5 ₹ 54 | 26 ₹ 13 | 28957 | 29 25 | 26 ₽ 26 | 7 ₹ 04 | 27 ₹ 09 | 0Ω04 | 1 m/06 | 28 ♀ 20 | 8 ₹ 13 | 28 ₹ 05 |
| 49S | 27ഇ23 | 27£01 | 25 ₾ 18 | 6≯53 | 26 ≉ 42 | 28©29 | 28 N 42 | 27 ≏ 16 | 8 ≉ 03 | 27 ≉ 38 | 29ഒ35 | 0 m, 25 | 29 ₾ 12 | 12 ہے 9 | 28 ₺ 33 |
| 50S | 26©53 | 26 A 13 | 26ჲ09 | 7 ≯ 55 | 27 ₹ 12 | 27@59 | 27£56 | 28 🕰 10 | 9≉05 | 28 ₮ 07 | 29ഇ05 | 29 ຄ 41 | 0m.10 | 10 ≉ 14 | 29 द 03 |
| 51S | 26521 | 25 \Omega 21 | 27 △ 06 | 9.701 | 27 🗷 43 | 27527 | 27Ω06 | 29 ₾ 11 | 10 🗷 11 | 28 🗷 38 | 28534 | 28 2 52 | 1 m. 13 | 11 🗷 20 | 29 🗷 33 |
| 52S 53S | 25©48 25©13 | 24Ω24 23Ω21 | 28 <u>a</u> 09 | 10∡12 11∡26 | 28 ∡ 15 28 ∡ 49 | 26©54 26©19 | 26Ω11 25Ω10 | 0 m 18 | 11 ₹21 12 ₹35 | 29 × 10 29 × 44 | 28©01 27©26 | 27 \Omega 59 27 \Omega 01 | 2 m 24 | 12 ₹ 29 13 ₹ 43 | 0중05 0중39 |
| 53S 54S | 23913 | 238121 $22\Omega12$ | 0m.42 | 11×26 | 28×149 29×124 | 25 5 42 | 25 87 10 24 \$\Omega 03 | 1 m.34 2 m.59 | 12 x 33 | 29 🗸 44 | 26 26 36 36 36 36 36 36 36 36 36 36 36 36 36 | 25 N 56 | 3 m. 43 5 m. 13 | 15×43 15×101 | 1314 |
| 55S | 23@56 | 20255 | 2 m 15 | 14 🗷 09 | 0중01 | 25@02 | 22 \Omega 49 | 4 m. 37 | 15 × 17 | 0중56 | 26909 | 24 \Omega 44 | 6 m 54 | 16 × 24 | 1공51 |
| 56S | 23930 | 19£33 | 4 m. 02 | 15 🗷 39 | 0301 | 24920 | 21 \O25 | 6m.28 | 16×146 | 1중35 | 25927 | 23 \(\Omega 24 | 8 m 50 | 17 × 52 | 2중30 |
| 57S | 22529 | 17Ω54 | 6m07 | 17∡15 | 1중22 | 23 5 35 | 19⋒52 | 8 m. 38 | 18∡21 | 2중16 | 249642 | 21 253 | 11 m 03 | 19∡26 | 3⋜10 |
| 58S | 21541 | 16206 | 8m.33 | 18 × 57 | 2중05 | 22548 | 18207 | 11 m 09 | 20 🗷 02 | 2중59 | 23555 | 20 \Q 11 | 13 m 38 | 21 🗷 06 | 3중53 |
| 598 | 20@50 | 14Ω04 | 11 m 26 | 20 ₹ 47 | 2중51 | 21 5 5 6 | 16Ω07 | 14m.07 | 21 ₹ 50 | 3345 | 23504 | 18Ω13 | 16m.40 | 22 ₹ 53 | 4중38 |
| 60S | 19@55 | 11 \Q 45 | 14m.55 | 22 🗷 44 | 3중40 | 21 502 | 13 \$\alpha 50 | 17 m.39 | 23 🗷 46 | 4중33 | 22509 | 15 0 59 | 20 m. 14 | 24 🗷 47 | 5중26 |
| 61S 62S | 18©56 17©53 | 9Ω05 6Ω01 | 19 m 08 24 m 18 | 24 ₹ 50 27 ₹ 05 | 4 공 31 5 공 26 | 20©03 18©59 | 11 A 11 8 A 07 | 21 m.54 27 m.02 | 25 ₹ 50 28 ₹ 03 | 5 중 24 6 중 18 | 21©10 20©06 | 13 Ω 22 10 Ω 20 | 24 m 29 29 m 34 | 26 ₹ 49 29 ₹ 00 | 6 3 17 7 3 11 |
| 63S | 16944 | 2.027 | 0×141 | 27×03 29 ₹30 | 6 32 4 | 17950 | 4£32 | 2711602 3 ₹ 16 | 28×103 0중25 | 7중16 | 18957 | 6Ω45 | 2911€34 5∡138 | 1319 | 8308 |
| 64S | 15@30 | 28517 | 8 ₹ 30 | 2중05 | 7중26 | 16935 | 0 N 20 | 10 ₹ 47 | 2정57 | 8중18 | 17941 | 2 2 3 3 0 | 12 ₹ 50 | 3중48 | 9중09 |
| | 13-330 | | | | | | i . | l | l | I | | I | | 1 | |
| 65S | 14909 | 23524 | 17∡56 | 4ਰ51 | 8중33 | 15গু14 | 25922 | 19∡41 | 5る40 | 9중23 | 16ණ20 | 27ණ27 | 21 ∡ 15 | 6号28 | 10중14 |
| 65S 66S | | 23©24 17©44 | 17∡56 28∡53 | 4궁51 7궁49 | 8중33 9중44 | 15©14 13©45 | 25©22 19©31 | 19 ₹ 41 29 ₹ 51 | 5 조 40 8 조 33 | 9 중 23 10 중 34 | 16ඉ20 14ඉ50 | 27©27 21©26 | 21∡15 0 ʒ 45 | 6 3 28 9 3 17 | 10중14 11중23 |

| | Sid.Tin MC: | | 0m AR 548'42 | MC: 10 |)5°00' | Sid.Tir MC: | | 4m AR 344'23 | MC: 10 |)6°00' | Sid.Tir MC: | | 8m AR 540'08 | RMC: 10 |)7°00' |
|------------------|------------------|----------------------|----------------------------------|----------------------------------|--------------------------------|-------------------------|--------------------------|----------------------------------|---|--------------------------------|--|------------------------|----------------------------------|------------------------|------------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 12£32 | 13 m/43 | 16≏16 | 17m27 | 16🗷 11 | 13 ຄ32 | 14 mp 47 | 17≏21 | 18m.27 | 17 ≈ 06 | 14£32 | 15 m, 52 | 18≏25 | 19m27 | 18∡02 |
| 1S | 12£22 | 13 mg 36 | 16≏24 | 17m.43 | 16 ₹ 22 | 13 № 22 | 14 m/41 | 17≗29 | 18m43 | 17 ₹ 18 | 14£23 | 15 mg 47 | 18≏33 | 19 m 43 | 18 ₹ 14 |
| 2S | 12.013 | 13 m 30 | 16 ₾ 31 | 17m.59 | 16 🗷 34 | 13 \Q 13 | 14 m 35 | 17 ≏ 37 | 19m.00 | 17 7 30 | 14Ω14 | 15 m 41 | 18 ≏ 42 | 19 m 59 | 18 🗷 25 |
| 3S 4S | 12Ω04 11Ω55 | 13 m/23 13 m/17 | 16 ♀ 39 16 ♀ 46 | 18 m 16 18 m 32 | 16 ₹ 46 16 ₹ 58 | 13 Ω 04 12 Ω 55 | 14 m/29 14 m/23 | 17 ♀ 45 17 ♀ 53 | 19 m. 16 19 m. 33 | 17 ₹ 42 17 ₹ 53 | 14Ω05 13Ω56 | 15 m/35 15 m/30 | 18 亞 50 18 亞 59 | 20 m 16 20 m 33 | 18 ₹ 37 18 ₹ 49 |
| 5S | 11 Ω 45 | 13 mg 10 | 16-16 | 18 m 49 | 17 <i>x</i> 09 | 12.0.46 | 14 m, 17 | 18 ≏ 01 | 19 m. 49 | 18 🗷 05 | 13 Ω 46 | 15 m/ 24 | 19 - 08 | 20 m 50 | 19 🗷 01 |
| 6S | 11 Ω 36 | 13 mg 10 | 17 2 02 | 1811L49 | 17×109 | 128246 | 14 mp 11 | 18201 | 20m.06 | 18 \$7 17 | 13 2240 | 15 mg 18 | 19±08 | 20 11 30 21 11 07 | 19×101 |
| 7S | 11 Ω 26 | 12 m 57 | 17 △ 10 | 19 m 22 | 17×33 | 12 & 27 | 14 m 04 | 18 - 18 | 20 m 24 | 18 🗷 29 | 13 N 28 | 15 mg 12 | 19 2 26 | 21 m 25 | 19∡25 |
| 8S | 11 <i>Q</i> 16 | 12 m/49 | 17≗18 | 19m40 | 17∡45 | 12Ω17 | 13 m 57 | 18≏27 | 20m41 | 18∡41 | 13 Q 18 | 15 mg 06 | 19≗35 | 21 m 42 | 19∡37 |
| 9S | 11Ω07 | 12 mg 42 | 17 ≏ 27 | 19m.57 | 17∡157 | 12 A 08 | 13 m, 51 | 18 ≏ 36 | 20m.59 | 18 ₹ 53 | 13 Ω 09 | 14 m, 59 | 19 ≏ 44 | 22 m 00 | 19∡49 |
| 10S | 10Ω57 | 12 m/35 | 17.235 | 20 m 15 | 18 ₹ 09 | 11 A 58 | 13 m/44 | 18 - 45 | 21 m 17 | 19 \$7 05 | 12059 | 14 m 53 | 19 2 54 | 22 m 18 | 20 🗷 01 |
| 11S 12S | 10Ω47 10Ω37 | 12 m/28 12 m/20 | 17 ♀ 44 17 ♀ 53 | 20 m. 33 20 m. 51 | 18 ₹ 22 18 ₹ 34 | 11 Ω48 11 Ω38 | 13 m/ 37 13 m/ 30 | 18요54 19요04 | 21 m.35 21 m.53 | 19 \$\frac{1}{8}\$ 18 30 | 12Ω50 12Ω40 | 14 mp 47 14 mp 40 | 20 <u>a</u> 04 20 <u>a</u> 14 | 22 m 37 22 m 55 | 20 ₹ 13 20 ₹ 26 |
| 13S | 10 Ω 26 | 12 mg 12 | 18 2 02 | 20 m 09 | 18×34 | 11 £ 28 | 13 m/ 23 | 19204 19213 | 21 IIL 33 22 IL 12 | 19 \$7.30 | 128240 | 14 m/ 33 | 20 ♣ 14 | 23 m 14 | 20 x 20 20 x 38 |
| 14S | 10Ω16 | 12 m/04 | 18 - 12 | 21 m 28 | 18 ₹ 59 | 11Ω18 | 13 m 15 | 19 ≏ 23 | 22 m 31 | 19 ₹ 55 | 12 \Omega 20 | 14 m/26 | 20-235 | 23 m 34 | 20∡51 |
| 15S | 10Ω06 | 11 m ₂ 56 | 18≏21 | 21 m 47 | 19∡12 | 11 A 07 | 13 m ₂ 08 | 19 ≏ 34 | 22 m 50 | 20 ₹ 08 | 12Ω10 | 14 m 19 | 20ჲ46 | 23 m.53 | 21 🗷 04 |
| 16S | 9⋒55 | 11 m 48 | 18 ≏ 31 | 22 m 07 | 19∡25 | 10£57 | 13 m 00 | 19 ₾ 44 | 23 m 10 | 20 ₹ 21 | 11Ω59 | 14 m 12 | 20 - 57 | 24 m 13 | 21 ₹ 17 |
| 17S | 9Ω44 | 11 m 39 | 18 △ 42 | 22 m 27 | 19∡38 | 10 A 46 | 12 m 52 | 19≏55 | 23 m 30 | 20 ∡ 34 | 11 Ω 49 | 14 m 04 | 21 | 24 m 33 | 21 ₹ 30 |
| 18S 19S | 9 N 33 9 N 22 | 11 m ₂ 31 | 18 ♀ 52 19 ♀ 03 | 22 m 47 23 m 08 | 19 ₹ 51 20 ₹ 04 | 10Ω35 10Ω24 | 12 m/43 12 m/35 | 20 <u>a</u> 06 | 23 m.51 24 m.12 | 20 x 47 21 x 00 | 11Ω38 11Ω27 | 13 m, 57 13 m, 49 | 21 <u>⊕</u> 20 21 <u>⊕</u> 32 | 24 m 54 25 m 15 | 21 ₹ 43 21 ₹ 56 |
| | | | | | | | | | | | | | | | |
| 20S 21S | 9Ω11 8Ω59 | 11 mg 12 11 mg 03 | 19 亞 14 19 亞 26 | 23 m 29 23 m 51 | 20 ∡ 18 20 ∡ 31 | 10 Ω 13 10 Ω 02 | 12 m/26 12 m/17 | 20 △ 30 20 △ 42 | 24 m 33 24 m 55 | 21 × 14 21 × 27 | 11Ω16 11Ω05 | 13 m, 41 13 m, 32 | 21 <u>⊕</u> 45 21 <u>⊕</u> 58 | 25 m 37 25 m 59 | 22 ₹ 10 22 ₹ 23 |
| 21S 22S | 8 N 47 | 10 mg 53 | 19≗20 | 24 m 13 | 20×31 20×45 | 9250 | 12 mg 08 | 20 ♣ 54 | 25 m 17 | 21 × 41 | 10 £ 53 | 13 m/ 24 | 22 ⊆ 11 | 26 m 21 | 22×23 |
| 23S | 8£35 | 10 m/43 | 19≗50 | 24m35 | 20∡59 | 9ຄ38 | 11 m, 59 | 21 ≏ 08 | 25 m 40 | 21 ₹ 55 | 10Ω41 | 13 mg 15 | 22 ♀ 25 | 26 m 45 | 22 ₹ 51 |
| 24S | 8 N 23 | 10 mg 32 | 20 ₾ 03 | 24 m 59 | 21 ₹ 14 | 9ຄ26 | 11 mp 49 | 21 ≏ 21 | 26m04 | 22 ₮ 10 | 10Ω29 | 13 m, 06 | 22 ₾ 39 | 27 m 08 | 23 ₹ 06 |
| 25S | 8 N 10 | 10 m 22 | 20 - 16 | 25 m 22 | 21 🗷 28 | 9Ω14 | 11 m 39 | 21 - 35 | 26m28 | 22 🗷 24 | 10Ω17 | 12 m 56 | 22 - 54 | 27 m 32 | 23 🗷 20 |
| 26S 27S | 7Ω57 7Ω44 | 10 mg 10 9 mg 59 | 20 <u>a</u> 30 | 25 m 47 26 m 12 | 21 🗷 43 21 🗷 58 | 9Ω01 8Ω48 | 11 m, 28 11 m, 17 | 21 △ 50 22 △ 05 | 26 m. 52 27 m. 17 | 22 x 39 22 x 54 | 10Ω05 9Ω52 | 12 m/47 12 m/36 | 23 <u>a</u> 09 | 27 m 57 28 m 23 | 23 ₹ 35 23 ₹ 50 |
| 28S | 7Ω31 | 9 m ₂ 47 | 20 ♣ 59 | 26 m 38 | 22×14 | 8£148 | 11 m ₂ 06 | 22 <u>a</u> 20 | 27 m 43 | 22 x 34 23 z 10 | 9039 | 12 mg 26 | 23 <u>□</u> 42 | 28 m 49 | 24×30 |
| 29S | 7Ω17 | 9 m/34 | 21 ≏ 14 | 27 m 04 | 22 ₹ 29 | 8 A 21 | 10 m 54 | 22 ♀ 37 | 28 m 10 | 23 ₹ 25 | 9 25 | 12 m 15 | 23 ♀ 59 | 29 m 16 | 24 ₹ 21 |
| 30S | 7£03 | 9 m/21 | 21 ₾ 30 | 27 m 32 | 22 ₹ 45 | 8£07 | 10 m/42 | 22 ≏ 54 | 28m.38 | 23 🗷 41 | 9Ω11 | 12 mg 04 | 24 <u>⊶</u> 17 | 29 m.43 | 24 ₹ 37 |
| 31S | 6Ω48 | 9 mg 08 | 21 ≏ 47 | 28m00 | 23 ₮ 02 | 7 A 53 | 10 mg 30 | 23 ≏ 12 | 29 m 06 | 23 ∡ 58 | 8 Ω 57 | 11 m, 52 | 24≗36 | 0 ∡ 12 | 24 ₹ 54 |
| 32S | 6£33 | 8 m 54 | 22 ₾ 05 | 28 m 29 | 23 🗷 19 | 7.038 | 10 m 16 | 23 ₾ 31 | 29 m 35 | 24 🗷 15 | 8 A 43 | 11 m 39 | 24 <u>a</u> 56 | 0 🗷 41 | 25 7 10 |
| 33S 34S | 6Ω18 6Ω02 | 8 mg 39 8 mg 24 | 22 <u>a</u> 24 | 28 m 59 29 m 30 | 23 ₹ 36 23 ₹ 53 | 7Ω23 7Ω07 | 10 mp 03 9 mp 48 | 23 <u>a</u> 50 24 <u>a</u> 11 | 0 ₹ 06 0 ₹ 37 | 24 x 32 24 x 49 | 8 N 28 8 N 12 | 11 m, 26 11 m, 13 | 25 ⊕ 16 25 ⊕ 38 | 1 ∡ 12 1 ∡ 43 | 25 ₹ 28 25 ₹ 45 |
| 35S | 5Ω46 | 8 mg 08 | 23 <u>0</u> 4 | 0 × 02 | 24 🗷 11 | 6£51 | 9 m 33 | 24 <u>□</u> 33 | 1×109 | 25 🗷 07 | 7Ω56 | 10 m 59 | 26 ♣ 01 | 2 × 16 | 26 🗷 03 |
| 36S | 5 Ω 29 | 7 m ₂ 51 | 23 ≗ 0 4 | 0×02 | 24 × 30 | 6Ω34 | 9 m ₂ 17 | 24 <u>2</u> 55 | 1 🗸 43 | 25 × 26 | 7.040 | 10 mg 44 | 26 - 25 | 2×10 | 26 ₹ 21 |
| 37S | 5 Q 12 | 7 m 33 | 23 ≏ 48 | 1 ₹ 10 | 24 ₹ 49 | 6 Ω 17 | 9 m 00 | 25 ≏ 20 | 2 <i>≱</i> 17 | 25 ₹ 45 | 7ຄ23 | 10 m, 28 | 26≗50 | 3 ₹ 24 | 26 ₹ 40 |
| 38S | 4254 | | 24 ₾ 13 | | 25 × 08 | | | 25 <u>△</u> 45 | | 26 🗷 04 | | 10 m 12 | | | |
| 39S | 4£35 | 6 m 54 | 24 <u>0</u> 38 | 2 🗷 23 | 25 🗷 28 | 5 Ω 41 | 8 m, 24 | 26 - 12 | 3 <i>₹</i> 131 | 26 🗷 24 | 6Ω47 | 9 m, 54 | 27 ♣ 46 | 4 <i>≯</i> 37 | 27 🗷 20 |
| 40S 41S | 4Ω16 3Ω56 | 6 mp 34 6 mp 11 | 25 <u>a</u> 06 25 <u>a</u> 35 | 3 ₹ 02 3 ₹ 42 | 25 ₹ 49 26 ₹ 10 | 5Ω22 5Ω02 | 8 mg 04 7 mg 43 | 26 ♀ 41 27 ♀ 12 | 4 ₹ 09 4 ₹ 50 | 26 ₹ 45 27 ₹ 06 | 6Ω28 6Ω08 | 9 mg 36 9 mg 16 | 28 <u>₽</u> 16 28 <u>₽</u> 48 | 5 ₹ 16 5 ₹ 57 | 27 × 40 28 × 01 |
| 41S 42S | 3 N 35 | 5 mg 48 | 26 2 06 | 4 × 24 | 26×10 | 4Ω41 | 7 m 21 | 27 ≗ 12 27 ≗ 45 | 5 ₹ 32 | 27 x 00 27 x 28 | 5Ω48 | 8 mg 55 | 29 <u>2</u> 22 | 6∡39 | 28 × 23 |
| 43S | 3 & 13 | 5 m 23 | 26₽40 | 5 ₹ 08 | 26 ₹ 55 | 4 N 20 | 6 m 57 | 28 ₽ 20 | 6 ∤ 16 | 27 ₹ 50 | 5Ω26 | 8 m/ 33 | 29₾59 | 7 ₹ 23 | 28 ₹ 46 |
| 44S | 2051 | 4 m/56 | 27 ≏ 16 | 5 <i>≱</i> 54 | 27 ₮ 18 | 3 A 57 | 6 m 32 | 28 ≏ 58 | 7 ∡ 02 | 28 ₮ 14 | 5Ω04 | 8 mg 09 | 0m39 | 8 ∡ 09 | 29 ₹ 09 |
| 45S | 2⋒27 | 4 m 27 | 27 ≏ 55 | 6 ≯ 43 | 27 ₹ 42 | 3 ⋒34 | 6 m 05 | 29 ₾ 39 | 7 ≯ 50 | 28 ₹ 38 | 4Ω41 | 7 mp 44 | 1 m. 21 | 8 ₹ 57 | 29 ₹ 33 |
| 46S | 2Ω03 | 3 m 57 | 28 <u>-</u> 37 | 7 ₹ 33 8 ₹ 26 | 28 🗷 07 | 3Ω10 2Ω44 | 5 m 36 | 0 m. 23 | 8 ₹ 41 9 ₹ 34 | 29 🗷 03 | 4Ω17 | 7 m 16 | 2m07 | 9×148 | 29才58 0중24 |
| 47S 48S | 1 Ω 37 1 Ω 10 | 3 m/23 2 m/48 | 29 <u>₽</u> 22 0m.12 | 8 ₹ 26 9 ₹ 22 | 28 ₹ 33 29 ₹ 01 | 28144 2Ω17 | 5 m, 05 4 m, 31 | 1 m 11 2 m 03 | 9 x 34 10 z 29 | 29 x 29 29 x 56 | 3 N 52 3 N 25 | 6 m, 47 6 m, 15 | 2 m 57 3 m 52 | 10 ∡ 41 11 ∡ 36 | 0 8 24 0 8 51 |
| 49S | 0Ω42 | 2 m, 09 | 1 m 07 | 10×21 | 29 🗷 29 | 1 \$\alpha 49 | 3 m 54 | 3 m 00 | 11 ₹ 28 | 0중24 | 2057 | 5 m/ 40 | 4m.51 | 12 ₹ 34 | 1공19 |
| 50S | 0 <i>α</i> 12 | 1 m/26 | 2 m 07 | 11 ₹ 22 | 29 ₹ 58 | 1 & 20 | 3 m, 14 | 4 m. 02 | 12 ∡ 30 | 0중53 | 2 ຄ 2 8 | 5 m, 02 | 5 m 56 | 13 ≉ 36 | 1중48 |
| 51S | 29541 | 0 m 40 | 3 m. 14 | 12∡28 | 0중28 | 0ብ49 | 2 m 30 | 5 m 12 | 13 ₹ 35 | 1중23 | 1 2 5 7 | 4 m 21 | 7m07 | 14 ₹ 40 | 2ਰ18 |
| 52S | 29508 | 29 £ 50 | 4 m 27 | 13 🗷 37 | 1중00 | 0.016 | 1 m 42 | 6m28 | 14×43 | 1중55 | 1 Ω 24 | 3 m 35 | 8m.26 | 15 🗷 49 | 2849 |
| 53S 54S | 28©33 27©56 | 28Ω54 27Ω52 | 5 m 50 7 m 23 | 14∡50 16∡07 | 1중34 2중09 | 29©41 29©04 | 0 m/48 29 £49 | 7 m 54 9 m 29 | 15 ₹ 56 17 ₹ 13 | 2중28 3중03 | 0Ω49 0Ω13 | 2 m/45 1 m/49 | 9 m. 54 11 m. 32 | 17∡01 18∡17 | 3중22 3중57 |
| 55S | 27930 | 26Ω42 | 9 m 07 | 17 × 29 | 2 3 09 2 3 45 | 28925 | 28.043 | 11 m 17 | 18 × 34 | 3839 | 29534 | 0 mg 46 | 13 m 23 | 19 × 17 | 4중33 |
| 56S | 26935 | 25 Ω 25 | 11 m 07 | 17×129 18×157 | 2543 3 중 24 | 28923 | 288143 27Ω29 | 13 m 19 | 20×34 | 3 5 39 4 3 17 | 29934 | 29 235 | 15 IL 23 | 21 🗷 03 | 5 조 11 |
| 57S | 25@50 | 23 £ 57 | 13 m 23 | 20 ₹ 30 | 4중04 | 26959 | 26204 | 15 m 39 | 21 ₹ 32 | 4공57 | 28508 | 28 A 14 | 17m.49 | 22 ₹ 34 | 5공51 |
| 58S | 25©02 | 22 \Omega 18 | 16m.02 | 22 🗷 09 | 4847 | 26511 | 24 \(\Omega 28 \) | 18 m 19 | 23 🗷 10 | 5840 | 27520 | 26 \Omega 43 | 20m31 | 24 🗷 11 | 6중33 |
| 59S | 24911 | 20 € 24 | 19m.05 | 23 ₹ 54 | 5중31 | 25@20 | 22.038 | 21 m 24 | 24 ₹ 54 | 6324 | 26529 | 24 256 | 23 m 37 | 25 ₹ 54 | 7중17 |
| 60S | 23516 | 18 N 12 | 22 m. 41 | 25 × 47 | 6중19 | 24925 | 20 \Q 30 | 25 m 00 | 26 × 45 | 7중11 | 25@35 | 22 \Q 53 | 27m.11 | 27 🗷 43 | 8중04 |
| 61S 62S | 22©17 21©13 | 15 ຄ 38 12 ຄ 38 | 26 m.55 1 ≈ 54 | 27 ₹ 47 29 ₹ 55 | 7 3 09 8 3 02 | 23©26 22©22 | 18Ω00 15Ω03 | 29 m.11 4 ≈ 06 | 28才44 0궁50 | 8 궁 01 8 궁 54 | 24©35 23©31 | 20Ω27 17Ω34 | 1 ₹ 20 6 ₹ 08 | 29 ₹40 1 ₹44 | 8 궁 53 9 궁 45 |
| 63S | 20904 | 9Ω04 | 7×34 | 29x·33 2중12 | 8 3 59 | 219612 | 11 230 | 9×149 | 3중05 | 9중50 | 22522 | 14205 | 11×141 | 3 공 56 | 10중41 |
| 64S | | 4Ω48 | 14×143 | 4궁39 | 10중00 | 19©57 | 7Ω14 | 16 ₹ 27 | 5중28 | 10중50 | 21506 | 9250 | 18 ≈ 03 | 6중17 | 11340 |
| | 18949 | .00.0 | | | | | | | | 1 | - | | | | 1 |
| 65S | 17ഇ26 | 29540 | 22 ∡ 41 | 7중15 | 11궁04 | 18534 | 2 ಬ 03 | 24 ₮ 00 | 8중01 | 11궁54 | 195643 | 4£36 | 25 ∡ 14 | 8중47 | 12중43 |
| 65S 66S pc | | | 22 조 41 1 중 35 6 중 53 | 7515 10501 11539 | 11궁04 12궁13 12궁54 | 18©34 17©04 16©09 | 2£03 25\$42 21\$34 | 24 🗷 00 2 云 23 7 云 20 | 8 궁 01 10 궁 44 12 궁 19 | 11중54 13중02 13중42 | 19 5 43 18 5 12 17 5 17 | 4Ω36 28©07 23©50 | 25∡14 3♂08 7♂48 | 8정47 11정26 12정59 | 12중43 13중51 14중31 |

| | Sid.Tir MC: | | 2m AR 35'59 | MC: 10 | 18°00' | Sid.Tir MC: | | 6m AR 31'55 | MC: 10 |)9°00' | Sid.Tir MC: | ne: 7h20 | 0m AR 527'58 | MC: 11 | 0°00' |
|------------|-------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|----------------------------------|----------------------------------|--------------------------------|-----------------|--|----------------------------------|--------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 15 <i>ω</i> 32 | 16 m, 57 | 19ჲ30 | 20m.26 | 18 <i>≱</i> 157 | 16£32 | 18 m, 02 | 20 ₾ 34 | 21 m.25 | 19 ₹ 53 | 17ຄ33 | 19 m, 07 | 21 ₾ 38 | 22 m.24 | 20∡48 |
| 1S | 15 № 23 | 16 m 52 | 19ჲ38 | 20 m 42 | 19∡09 | 16⋒24 | 17 m 57 | 20 ₾ 43 | 21 m 42 | 20 ₹ 05 | 17£24 | 19 mg 03 | 21 △ 47 | 22 m 41 | 21 ₹ 00 |
| 2S | 15Ω14 | 16 m 47 | 19 △ 47 | 20 m. 59 | 19 🕶 21 | 16 2 15 | 17 m 52 | 20 ₾ 52 | 21 m.59 | 20 🗷 16 | 17Ω16 | 18 m 58 | 21 <u>2</u> 57 | 22 m 58 | 21 7 12 |
| 3S 4S | 15Ω05 14Ω56 | 16 mg 41 16 mg 36 | 19 ♀ 56 20 ♀ 05 | 21 m 16 21 m 33 | 19 ₹ 33 19 ₹ 45 | 16Ω06 15Ω57 | 17 mp 48 17 mp 43 | 21 <u>0</u> 2 21 <u>0</u> 11 | 22 m 16 22 m 33 | 20 ₹ 28 20 ₹ 40 | 17Ω07 16Ω59 | 18 mp 54 18 mp 49 | 22 <u>a</u> 07 | 23 m 15 23 m 33 | 21 ₹24 21 ₹36 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 14Ω47 14Ω38 | 16 mg 31 16 mg 25 | 20 <u>a</u> 14 20 <u>a</u> 24 | 21 m 50 22 m 08 | 19 ₹ 57 20 ₹ 08 | 15 Ω 49 15 Ω 40 | 17 m ₂ 38 17 m ₂ 33 | 21 ≏ 21 21 ≏ 31 | 22 m. 51 23 m. 08 | 20 ₹ 52 21 ₹ 04 | 16Ω50 16Ω41 | 18 mp 45 18 mp 40 | 22 <u>2</u> 27 | 23 m.51 24 m.08 | 21 ₹47 21 ₹59 |
| 7S | 148238 14029 | 16 mg 20 | 20 ♣ 24 | 22 m 25 | 20 x 08 20 x 20 | 15 N 31 | 17 m 28 | 21 <u>a</u> 31 | 23 m 26 | 21 x 16 | 16Ω32 | 18 m/ 36 | 22 <u>a</u> 37 | 24 m 26 | 21 x·39 22 x 12 |
| 8S | 14Ω20 | 16 mg 14 | 20 - 43 | 22 m 43 | 20 🗷 33 | 15 Ω 21 | 17 m 22 | 21 2 51 | 23 m 44 | 21 × 28 | 16 Ω 23 | 18 mg 31 | 22 ♀ 59 | 24 m 45 | 22 🗷 24 |
| 9S | 14Ω11 | 16 m/08 | 20♀53 | 23 m 01 | 20 ≉ 45 | 15 Ω 12 | 17 m, 17 | 22 🖴 01 | 24 m 02 | 21 ∡ 40 | 16Ω14 | 18 m/26 | 23 ♀ 10 | 25 m 03 | 22∡36 |
| 10S | 14Ω01 | 16 mg 02 | 21 | 23 m.20 | 20 ₮ 57 | 15 Ω 03 | 17 m ₂ 12 | 22 | 24 m 21 | 21 ₹ 53 | 16Ω05 | 18 mp 21 | 23 ₾ 21 | 25 m 22 | 22 ₹ 48 |
| 11S | 13Ω51 | 15 m 56 | 21 | 23 m 38 | 21 ∡ 09 | 14Ω54 | 17 mg 06 | 22 | 24 m 40 | 22 ₹ 05 | 15Ω56 | 18 m/16 | 23 ₾ 32 | 25 m.41 | 23 ≉ 00 |
| 12S | 13 € 42 | 15 m, 50 | 21 ≏ 24 | 23 m 57 | 21 ₹ 22 | 14Ω44 | 17 mg 00 | 22 ≏ 34 | 24 m 59 | 22 ∡ 17 | 15 € 46 | 18 mg 11 | 23 <u>⊶</u> 44 | 26 m 00 | 23 ₹ 13 |
| 13S | 13 Ω 32 | 15 mg 44 | 21 ≏ 35 | 24 m 16 | 21 🗷 34 | 14Ω34 | 16 m 55 | 22 △ 46 | 25 m 18 | 22 ₹ 30 | 15ω37 | 18 m, 06 | 23 ♀ 56 | 26 m 20 | 23 ₹ 25 |
| 14S | 13 N 22 | 15 m, 37 | 21 ≏ 46 | 24m36 | 21 ₹ 47 | 14 Q 25 | 16 m, 49 | 22 ≏ 57 | 25 m 38 | 22 ₹ 42 | 15Ω27 | 18 mg 00 | 24≗08 | 26 m 39 | 23 ₹ 38 |
| 15S | 13Ω12 | 15 mg 31 | 21 ≏ 58 | 24 m 56 | 22 ∡ 00 | 14Ω15 | 16 m/43 | 23 ₾ 09 | 25 m 58 | 22 ₹ 55 | 15Ω17 | 17 m, 55 | 24≗21 | 27 m 00 | 23 ₹ 51 |
| 16S | 13 \O2 | 15 m 24 | 22 ₾ 09 | 25 m 16 | 22 🗷 12 | 14 205 | 16 m 36 | 23 € 22 | 26m.18 | 23 🗷 08 | 15Ω08 | 17 m 49 | 24 ₾ 34 | 27 m 20 | 24 🗷 04 |
| 17S | 12Ω51 12Ω41 | 15 m 17 | 22 <u>~</u> 22 | 25 m 36 | 22 🗷 25 | 13 0 14 | 16 m 30 | 23 △ 34 | 26m39 | 23 🗷 21 | 14 0 47 | 17 m 43 | 24 <u>4</u> 47 | 27 m 41 | 24 🗷 17 |
| 18S 19S | 128141 12Ω30 | 15 mg 10 15 mg 03 | 22 <u>a</u> 34 | 25 m 57 26 m 19 | 22 ₹ 39 22 ₹ 52 | 13 \Quad 44 13 \Quad \Quad 33 | 16 m 23 16 m 17 | 23 <u>⊕</u> 47 24 <u>⊕</u> 01 | 27 m.00 27 m.21 | 23 x 34 23 x 48 | 14Ω47 14Ω37 | 17 m ₂ 37 17 m ₂ 31 | 25 a 01 25 a 15 | 28 m 02 28 m 24 | 24 ₹ 30 24 ₹ 43 |
| | | | | | | | _ | | | | | | | | |
| 20S 21S | 12Ω19 12Ω08 | 14 m ₂ 55 14 m ₂ 47 | 23 <u>a</u> 00 23 <u>a</u> 13 | 26 m. 40 27 m. 03 | 23 ∡ 06 23 ∡ 19 | 13 Ω 23 13 Ω 12 | 16 mp 10 16 mp 03 | 24 <u>a</u> 15 24 <u>a</u> 29 | 27 m.43 28 m.06 | 24 × 01 24 × 15 | 14Ω26 14Ω15 | 17 m ₂ 25 17 m ₂ 18 | 25 2 29 25 2 44 | 28 m 46 29 m 09 | 24 ₹ 57 25 ₹ 11 |
| 22S | 11.057 | 14 m/ 39 | 23 2 27 | 27 m 25 | 23 × 19 | 13 N 00 | 15 m 55 | 24 <u>a</u> 43 | 28 m 29 | 24 × 13 | 148013 | 17 mg 13 | 25 <u>a</u> 59 | 29 m 32 | 25 × 11 |
| 23S | 11 Ω 45 | 14 m/ 31 | 23 <u>□</u> 42 | 27 m 48 | 23×47 | 12 \O 49 | 15 m/ 48 | 24 <u>0</u> 59 | 28 m 52 | 24 🗷 43 | 13 253 | 17 mg 05 | 26 ≘ 15 | 29 m 55 | 25 × 39 |
| 24S | 11⋒33 | 14 m 23 | 23 ≏ 57 | 28 m 12 | 24 ≉ 02 | 12 a 37 | 15 m/40 | 25 ≏ 14 | 29 m 16 | 24 ₹ 57 | 13 ຄ 42 | 16 m/58 | 26≗31 | 0 ₹ 19 | 25 ₹ 53 |
| 25S | 11Ω21 | 14 mg 14 | 24 🕰 12 | 28 m 37 | 24 ∡ 16 | 12 Ω 25 | 15 m ₂ 32 | 25 🕰 31 | 29 m.41 | 25 ₹ 12 | 13 ຄ 30 | 16 m ₂ 50 | 26ჲ48 | 0 ≉ 44 | 26 ₹ 07 |
| 26S | 11 Ω 09 | 14 m 05 | 24 🕰 29 | 29 m 02 | 24 ₹ 31 | 12 Q 13 | 15 m 24 | 25 △ 47 | 0≉06 | 25 ₹ 27 | 13 ₪ 18 | 16 m/42 | 27≗06 | 1 ≉ 09 | 26 ₹ 22 |
| 27S | 10⋒56 | 13 m 56 | 24 △ 45 | 29 m 27 | 24 ₹ 46 | 12 Q 01 | 15 m 15 | 26 △ 05 | 0 ₹ 32 | 25 ₹ 42 | 13 № 05 | 16 m 35 | 27 ≏ 24 | 1 ₹ 35 | 26 ₹ 37 |
| 28S | 10 Ω 43 | 13 m 46 | 25 △ 03 | 29 m 54 | 25 🗷 02 | 11 0 48 | 15 m 06 | 26 ₾ 23 | 0 ₹ 58 | 25 🗷 57 | 12.0.53 | 16 m 26 | 27 △ 43 | 2 🗷 02 | 26 🗷 53 |
| 29S | 10Ω30 | 13 m 36 | 25 2 21 | 0.₹21 | 25 ₹ 17 | 11 Ω35 | 14 m ₂ 57 | 26 △ 42 | 1 ₹ 25 | 26 🗷 13 | 12Ω40 | 16 m, 18 | 28 ₾ 03 | 2 🗷 29 | 27 ₹ 08 |
| 30S | 10Ω16 | 13 m 25 | 25 <u>△</u> 40 | 0 🗷 49 | 25 7 33 | 11 0 07 | 14 m 47 | 27 △ 02 | 1 🗷 53 | 26 🗷 29 | 12.027 | 16 m 09 | 28 <u>a</u> 24 | 2 × 58 | 27 🗷 24 |
| 31S 32S | 10Ω02 9Ω48 | 13 mg 14 13 mg 03 | 26 ♀ 00 26 ♀ 20 | 1 ₹ 17 1 ₹ 47 | 25 ₹ 50 26 ₹ 06 | 11 Ω 07 10 Ω 53 | 14 mp 37 14 mp 26 | 27 ♀ 23 27 ♀ 44 | 2 ₹ 22 2 ₹ 52 | 26 x 45 27 x 02 | 12Ω13 11Ω59 | 16 mg 00 15 mg 50 | 28 <u>a</u> 45 | 3 ₹ 27 3 ₹ 56 | 27 x 41 27 x 57 |
| 33S | 9233 | 12 m 50 | 26-242 | 2×17 | 26×23 | 10 Ω38 | 14 m ₂ 15 | 28 ♀ 07 | 3 × 22 | 27 🗷 19 | 11 Ω 44 | 15 mg 40 | 29 ₾ 31 | 4 ₹ 27 | 28 🗷 14 |
| 34S | 9Ω17 | 12 m/38 | 27ჲ05 | 2 ≉ 49 | 26≉41 | 10 ຄ23 | 14 m 03 | 28 🕰 31 | 3 ≉ 54 | 27 ₹ 36 | 11 Q 29 | 15 m 29 | 29ჲ56 | 4 <i>≱</i> 159 | 28 ₮ 32 |
| 35S | 9Ω02 | 12 m ₂ 25 | 27 ≏ 28 | 3 ₹ 21 | 26 ₹ 59 | 10 A 08 | 13 m ₂ 51 | 28 ≏ 55 | 4 ₹ 27 | 27 ₹ 54 | 11Ω14 | 15 mp 18 | 0 m 22 | 5 ₹ 32 | 28 ₹ 50 |
| 36S | 8 N 45 | 12 m/11 | 27≗54 | 3 ₹ 55 | 27 <i>≱</i> 17 | 9⋒52 | 13 m/38 | 29 ₾ 22 | 5 ₹ 01 | 28 द 13 | 10£58 | 15 m/06 | 0m49 | 6 ₹ 06 | 29 ₮ 08 |
| 37S | 8 £ 29 | 11 m 56 | 28 ₾ 20 | 4 ≉ 30 | 27 ₹ 36 | 9ຄ35 | 13 m/25 | 29 ₾ 49 | 5 ₹ 36 | 28 ₹ 31 | 10 € 42 | 14 m 54 | 1 m 18 | 6∡41 | 29 ₹ 27 |
| 388 | | 11 mg 41 | | | 27 ₹ 55 | | 13 m 11 | | | | | 14 m 41 | | 7×17 | 29 🗷 46 |
| 39S | 7£53 | 11 m, 25 | 29 ≏ 18 | 5 ₹ 44 | 28 ₹ 15 | 9Ω00 | 12 m 56 | 0 M 50 | 6 ₹ 49 | 29 ₮ 10 | 10Ω07 | 14 m, 27 | 2 m 20 | 7 ₹ 55 | 0중06 |
| 40S | 7 N 34 | 11 m 07 | 29 ₾ 50 | 6×23 | 28 🗷 36 | 8 N 41 | 12 m/40 | 1 m 22 | 7×129 | 29 7 31 | 9 0 4 9 | 14 m 13 | 2 m 54 | 8 × 34 | 0중26 |
| 41S 42S | 7£15 6£55 | 10 mg 49 10 mg 30 | 0 m 23 0 m 59 | 7 ₹ 03 7 ₹ 46 | 28 ₹ 57 29 ₹ 18 | 8 N 22 8 N 02 | 12 m/23 12 m/05 | 1 m 57 2 m 35 | 8 ₹ 09 8 ₹ 51 | 29才52 0궁14 | 9Ω30 9Ω10 | 13 m ₂ 57 13 m ₂ 41 | 3 m. 31 4 m. 09 | 9 ₹ 14 9 ₹ 57 | 0중47 1중08 |
| 42S 43S | 6Ω34 | 10 mg 09 | 1 m 38 | 8 ₹ 30 | 29×18 | 7 N 41 | 12 mg 46 | 3 m 15 | 9×35 | 0중36 | 8.049 | 13 m/ 23 | 4 m 50 | 9x·3/ 10∡41 | 1831 |
| 44S | 6Ω12 | 9 m 47 | 2 m 19 | 9∡16 | 0중04 | 7Ω19 | 11 m/25 | 3 m 57 | 10×21 | 0중59 | 8 A 28 | 13 mg 04 | 5 m 35 | 11 🗷 26 | 1354 |
| 45S | 5Ω49 | 9 m 23 | 3 m 03 | 10 ₹ 04 | 0중28 | 6£57 | 11 m ₂ 03 | 4 m. 43 | 11∡09 | 1323 | 8ຄ05 | 12 mp 44 | 6m22 | 12 ₹ 14 | 2중18 |
| 46S | 5 N 25 | 8 m 58 | 3 m 51 | 10 ₹ 54 | 0중53 | 6£33 | 10 mg 40 | 5 m 33 | 12 ₹ 00 | 1348 | 7Ω42 | 12 m 22 | 7m.13 | 13 ₹ 04 | 2842 |
| 47S | 5⋒00 | 8 mg 30 | 4 m 42 | 11 ∡ 47 | 1중19 | 6 A 08 | 10 mg 14 | 6 M 26 | 12 ₹ 52 | 2중13 | 7 Ω 17 | 11 m, 59 | 8m.08 | 13 ∡ 57 | 3동08 |
| 48S | 4.033 | 8 m 00 | 5m39 | 12 7 42 | 1중45 | 5 Ω 42 | 9 m 46 | 7 m 24 | 13×47 | 2840 | 6£51 | 11 m 33 | 9m.07 | 14 × 52 | 3834 |
| 49S | 4 Ω 05 | 7 m, 28 | 6m40 | 13 ₹ 40 | 2ਰ13 | 5Ω14 | 9 m, 16 | 8 m. 27 | 14 ₹ 45 | 3중07 | 6 Ω 24 | 11 mg 06 | 10 m 12 | 15 ₹ 49 | 4중02 |
| 50S | 3 € 36 | 6 m 52 | 7m47 | 14 🗷 41 | 2842 | 4Ω46 | 8 m/43 | 9m36 | 15×146 | 3중36 | 5 N 55 | 10 m/35 | 11 m. 23 | 16×50 | 4중30 |
| 51S | 3 \O O O O O O O | 6 m 13 | 9m.01 | 15 × 45 | 3 궁 12 | 4Ω15 | 8 m) 07 | 10 m 52 | 16×150 | 4 궁 06 | 5Ω25 | 10 m 02 | 12 m 40 | 17 × 53 | 5 궁 00 |
| 52S 53S | 2Ω33 1Ω59 | 5 m/ 30 4 m/ 43 | 10 m. 22 11 m. 52 | 16 ₹ 53 18 ₹ 05 | 3 공 43 4 공 16 | 3 N 43 3 N 09 | 7 m ₂ 27 6 m ₂ 43 | 12 m 15 13 m 47 | 17 ₹ 57 19 ₹ 08 | 4 3 37 5 3 10 | 4Ω53 4Ω19 | 9 m, 25 8 m, 44 | 14m.05 15m.39 | 19 ₹ 00 20 ₹ 10 | 5 군 31 6 군 03 |
| 54S | 1 & 22 | 3 m 50 | 13 m. 32 | 19 \$7 20 | 4310 | 2 \Omega 32 | 5 m/ 53 | 15 m 29 | 20 🗷 23 | 5 3 44 | 3 \Omega 43 | 7 m ₂ 58 | 17 m 23 | 20 x 10 21 z 25 | 6공37 |
| 55S | 0Ω43 | 2 m/ 51 | 15 m 25 | 20 🗷 40 | 5중26 | 1Ω54 | 4 m ₂ 58 | 17 m.23 | 21 🗷 42 | 6320 | 3205 | 7 m ₂ 07 | 19 m. 18 | 22 * 43 | 7중13 |
| 56S | 0 Ω 02 | 1 mg 44 | 17 m. 31 | 20 x 40 22 x 05 | 6 3 04 | 1 & 12 | 3 m ₂ 55 | 19 m. 31 | 23 × 06 | 6공57 | 2 \O24 | 6 mg 09 | 21 m.27 | 24 × 06 | 7850 |
| 57S | 29\$18 | 0 m/ 27 | 19m.55 | 23 ₹ 35 | 6중44 | 0ຄ28 | 2 m/43 | 21 m 56 | 24 ₹ 35 | 7중36 | 1 \$\alpha 40\$ | 5 m, 02 | 23 m 52 | 25 ₹ 34 | 8중29 |
| 58S | 28\$30 | 292000 | 22 m 37 | 25 ₹ 10 | 7중25 | 29541 | 1 m/21 | 24 m 39 | 26 ∡ 09 | 8518 | 0ຄ53 | 3 m/45 | 26m35 | 27 ₹ 07 | 9궁10 |
| 59S | 27\$40 | 27Ω19 | 25 m 43 | 26 ≯ 52 | 8중09 | 28\$51 | 29 A 45 | 27 m 44 | 27 ҂ 49 | 9중01 | 0 A 02 | 2 m, 15 | 29 m 39 | 28 ∡ 46 | 9중53 |
| 60S | 26945 | 25 20 | 29 m 16 | 28 🗷 40 | 8중55 | 27ഇ56 | 27£52 | 1 ₹ 15 | 29 ≉ 36 | 9궁47 | 29ഇ08 | 0 m, 29 | 3 ₺ 08 | 0중31 | 10중38 |
| 61S | 259346 | 23 2 00 | 3 ₹ 22 | 0중34 | 9344 | 26957 | 25 A 38 | 5 ₹ 16 | 1중29 | 10중36 | 28509 | 28 2 2 3 | 7 ₹ 05 | 2중22 | 11327 |
| 62S | 249642 | 20 \O 12 | 8 × 103 | 2중37 | 10중36 | 25@53 | 22256 | 9 \$751 | 3 궁 29 | 11827 | 27905 | 25 \Quad 48 | 11 🗷 33 | 4 3 20 | 12318 |
| 63S 64S | 23©32 22©16 | 16Ω47 12Ω35 | 13 ₹ 26 19 ₹ 32 | 4 궁 46 7 궁 05 | 11중31 12중30 | 24 23 23 23 27 | 19Ω38 15Ω31 | 15 ₹ 04 20 ₹ 56 | 5 궁 36 7 궁 52 | 12る22 13る20 | 25©55 24©39 | 22 \Omega 38 18 \Omega 38 | 16 ₹ 36 22 ₹ 14 | 6 궁 25 8 궁 39 | 13중12 14중09 |
| - 1 | | | | | | | | | | | l . | | | | |
| 65S 66S | 20©53 19©21 | 7Ω21 0Ω45 | 26才22 3중51 | 9 さ 32 12 さ 08 | 13중33 14중39 | 22©03 20©31 | 10Ω18 3Ω37 | 27 ₹27 4중33 | 10궁16 12궁49 | 14중22 15중28 | 23©15 21©43 | 13 Ω 30 6 Ω 46 | 28才28 5중13 | 11중00 13중30 | 15중10 16중16 |
| pc | 18526 | 26919 | 8중16 | 12 8 08 13 중 39 | 15중19 | 19936 | 29904 | 8 공 43 | 14공19 | 16~307 | 21®43 20®47 | 2206 | 9중11 | 13~530 | 16816 |
| | | based on t | | | | | | | | | | | , 011 | 550 | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| , , , , , , , , , , , , , , , , , , , | MC: | 199 | 24'06 | | 1°00' | MC: | | 5111 AK 520'21 | MC: 11 | 12,00 | MC: | ne: 7h32 21໘ | 2m Ak 316'42 | CMC: 11 | .3°00' |
|---|----------------------------------|----------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|--------------------|----------------------|----------------------------|--------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 18 Ω 34 | 20 mg 12 | 22 ♀ 42 | 23 m.23 | 21 🗷 43 | 19 ຄ35 | 21 m, 17 | 23 ₾ 46 | 24 m 21 | 22 ₹ 39 | 20 236 | 22 m/22 | 24 ₾ 49 | 25 m 20 | 23 ₹ 34 |
| | 18 Ω 25 | 20 mg 08 | 22 ≏ 52 | 23 m 40 | 21 ₹ 55 | 19⋒26 | 21 m/14 | 23 ♀ 56 | 24m39 | 22 ₹ 51 | 20⋒28 | 22 mg 19 | 25 ♀ 00 | 25 m 38 | 23 ∡ 46 |
| | 18Ω17 | 20 mg 04 | 23 ♀ 02 | 23 m 57 | 22 ₹ 07 | 19Ω18 | 21 m 10 | 24≗07 | 24m56 | 23 ₹ 02 | 20 & 20 | 22 mg 16 | 25 ₾ 11 | 25 m 55 | 23 ₹ 58 |
| | 18.008 | 20 m 00 | 23 ₾ 12 | 24 m 15 | 22 🗷 19 | 19 10 | 21 m 07 | 24 🕰 17 | 25 m 14 | 23 🗷 14 | 20 \Omega 11 | 22 m 13 | 25 <u>a</u> 22 | 26 m 13 | 24 🗷 10 |
| - 1 | 18 Ω 00 | 19 m 56 | 23 ≏ 23 | 24 m 33 | 22 ₹31 | 19⋒02 | 21 m, 03 | 24 ₾ 28 | 25 m.32 | 23 ₹ 26 | 20 û 03 | 22 m, 10 | 25 ≏ 34 | 26m31 | 24 ₹ 22 |
| | 17Ω51 | 19 m 52 | 23 <u>-</u> 33 | 24 m 50 | 22 🗷 43 | 18 A 53 | 20 m 59 | 24 ♀ 39 | 25 m 50 | 23 🗷 38 | 19Ω55 | 22 m 07 | 25 | 26m49 | 24 🗷 33 |
| | 17Ω43 17Ω34 | 19 m 48 | 23 <u>⊕</u> 44 23 <u>⊕</u> 55 | 25 m 08 25 m 27 | 22 ₹ 55 23 ₹ 07 | 18 0 26 | 20 m 56 | 24 <u>a</u> 51 | 26m.08 26m.27 | 23 \$7 50 | 19Ω47 19Ω38 | 22 m 03 | 25 <u>₽</u> 57 | 27m.08 | 24 × 46 24 × 58 |
| | 17825 | 19 mg 44 19 mg 39 | 23 22 33 | 25 m 45 | 23×107 23×19 | 18Ω36 18Ω27 | 20 m 52 20 m 48 | 25 a 02 25 a 14 | 26 m 45 | 24 × 02 24 × 14 | 198238 | 22 m, 00 21 m, 57 | 26 ♀ 09 | 27 m.26 27 m.45 | 25 × 10 |
| | 17 <i>α</i> 16 | 19 m ₂ 35 | 24 ₾ 18 | 26 m 04 | 23×15 | 18£19 | 20 m/44 | 25 2 26 | 27 m 04 | 24 🗷 27 | 19 Ω 21 | 21 m 53 | 26 ₾ 33 | 28 m. 04 | 25 × 22 |
| - 1 | 17Ω07 | 19 m 31 | 24 ≏ 29 | 26 m 23 | 23 ₹ 44 | 18 Ω 10 | 20 m 40 | 25 ≏ 38 | 27 m 23 | 24 🗷 39 | 19Ω13 | 21 m 50 | 26≗46 | 28 m. 23 | 25 ₹ 34 |
| | 16Ω58 | 19 mg 26 | 24 ≗ 27 | 26 m 42 | 23 🛪 56 | 18£10 | 20 mg 36 | 25 ⊆ 50 | 27 m 42 | 24 \$7 51 | 19Ω04 | 21 mg 46 | 26 - 59 | 28 m. 43 | 25 🗷 47 |
| | 16Ω49 | 19 mg 21 | 24 ♀ 54 | 27 m 01 | 24 ₹ 08 | 17Ω52 | 20 m 32 | 26 2 03 | 28 m 02 | 25 ₹ 04 | 18Ω55 | 21 m 43 | 27 <u>□</u> 12 | 29 m 02 | 25 ₹ 59 |
| 13S | 16 Ω 40 | 19 m 17 | 25 🖴 06 | 27 m 21 | 24 ₹ 21 | 17Ω43 | 20 m 28 | 26 🕰 16 | 28 m 22 | 25 ₹ 16 | 18Ω46 | 21 m/39 | 27≗26 | 29 m 23 | 26 ₮ 12 |
| 14S | 16£30 | 19 mg 12 | 25 | 27m41 | 24 ≉ 34 | 17£33 | 20 m 23 | 26 ₾ 29 | 28 m 42 | 25 ₹ 29 | 18£37 | 21 m/35 | 27≗39 | 29 m 43 | 26 ₹ 24 |
| 15S | 16 21 | 19 mg 07 | 25 ≏ 32 | 28 m 01 | 24 ₹ 46 | 17Ω24 | 20 mg 19 | 26 🖴 43 | 29 m 02 | 25 ₹ 42 | 18⋒28 | 21 m/31 | 27 ≏ 54 | 0 ≠ 04 | 26∡37 |
| 16S | 16 Ω 11 | 19 m 02 | 25 △ 45 | 28 m 22 | 24 ₹ 59 | 17Ω14 | 20 m 14 | 26≗57 | 29 m 23 | 25 ₹ 55 | 18 Ω 18 | 21 m/27 | 28≗08 | 0 ₹ 25 | 26≯50 |
| | 16Ω01 | 18 m 56 | 25 ≏ 59 | 28 m 43 | 25 ₹ 12 | 17Ω05 | 20 m 10 | 27 - 11 | 29 m 45 | 26 ₹ 08 | 18Ω09 | 21 m 23 | 28 ₾ 23 | 0 ₹ 46 | 27 ₹ 03 |
| | 15.0.41 | 18 m 51 | 26 ₽ 13 | 29 m 04 | 25 × 25 | 16Ω55 | 20 m 05 | 27 <u>0</u> 26 | 0 7 06 | 26 7 21 | 17.0.59 | 21 m 19 | 28 <u>0</u> 38 | 1 7 08 | 27 7 16 |
| - 1 | 15Ω41 | 18 m 45 | 26 2 28 | 29 m 26 | 25 ₹ 39 | 16.045 | 20 m 00 | 27 △ 41 | 0.₹28 | 26 ₹ 34 | 17Ω49 | 21 m, 15 | 28 ₾ 54 | 1 🗷 30 | 27 ₹ 30 |
| | 15 0 30 | 18 m/40 | 26 △ 43 | 29 m 49 | 25 🗷 52 | 16⋒34 | 19 m 55 | 27 <u>□</u> 57 | 0×51 | 26 🗷 48 | 17.039 | 21 m 10 | 29 ₾ 10 | 1 🗷 52 | 27 🗷 43 |
| | 15Ω19 15Ω09 | 18 m 34 18 m 28 | 26 ♀ 58 27 ♀ 14 | 0∡11 0∡34 | 26 ₹ 06 26 ₹ 20 | 16Ω24 16Ω13 | 19 m 50 19 m 44 | 28 <u>a</u> 13 | 1 ₹ 13 1 ₹ 37 | 27 × 01 27 × 15 | 17Ω29 17Ω18 | 21 mg 06 21 mg 01 | 29 2 27 | 2 ₹ 15 2 ₹ 39 | 27 ₹ 57 28 ₹ 11 |
| | 14Ω58 | 18 m/ 22 | 27 ⊆ 14 | 0x 54 0x 58 | 26×20 | 16202 | 19 m 39 | 28 <u>a</u> 29 | 2×37 | 27 x 13 | 17.07 | 20 m 56 | 0m.02 | 3 ₹ 03 | 28×11 |
| | 14Ω46 | 18 mg 15 | 27 ≏ 48 | 1 ₹ 22 | 26 ₹ 48 | 15 N 51 | 19 m 33 | 29 △ 04 | 2 ₹ 25 | 27 ₹ 44 | 16Ω56 | 20 m 51 | 0m.20 | 3 ₹ 27 | 28 ₹ 39 |
| 25S | 14Ω35 | 18 m ₂ 09 | 28ჲ06 | 1 ₹ 47 | 27 ₹ 03 | 15 € 40 | 19 m 27 | 29 ≏ 23 | 2 ₹ 50 | 27 ₹ 58 | 16Ω45 | 20 m 46 | 0m.39 | 3 ₹ 53 | 28 ₹ 53 |
| 26S | 14Ω23 | 18 mg 02 | 28 <u>≈</u> 24 | 2 <i>≱</i> 13 | 27 ₹ 18 | 15 Ω 28 | 19 m 21 | 29 <u>₽</u> 42 | 3 ₹ 16 | 28 🗷 13 | 16Ω34 | 20 m 40 | 0m.59 | 4 <i>₹</i> 18 | 29 ₹ 08 |
| | 14 Ω 11 | 17 m/54 | 28 ≏ 43 | 2 ₹ 39 | 27 ҂ 33 | 15Ω16 | 19 mg 14 | 0 m 01 | 3 ∡ 42 | 28 ₹ 28 | 16 Ω 22 | 20 mg 35 | 1 m 19 | 4 ₹ 45 | 29 ₹ 23 |
| | 13 0 15 | 17 m 47 | 29 ₾ 03 | 3 ₹ 06 | 27 🗷 48 | 15 0 0 4 | 19 m 08 | 0 m 22 | 4×109 | 28 🗷 43 | 16Ω10 | 20 m 29 | 1 m. 41 | 5 × 12 | 29 7 39 |
| - 1 | 13 Q 45 | 17 m, 39 | 29 ≏ 23 | 3 ₹ 33 | 28 ₹ 04 | 14Ω51 | 19 m, 01 | 0 m. 43 | 4∡736 | 28 ₹ 59 | 15Ω58 | 20 m, 23 | 2 m. 03 | 5 ₹ 39 | 29 ₹ 54 |
| | 13 \Omega 32 | 17 m 31 | 29 ♣ 45 | 4×101 | 28 🗷 20 | 14 0 35 | 18 m 54 | 1 m 05 | 5×105 | 29 🗷 15 | 15 \Omega 45 | 20 m 17 | 2 m 26 | 6×108 | 0중10 |
| | 13 Ω 19 13 Ω 05 | 17 m 23 17 m 14 | 0m.07 0m.31 | 4 ₹ 31 5 ₹ 00 | 28 ₹ 36 28 ₹ 53 | 14Ω25 14Ω12 | 18 mp 46 18 mp 38 | 1 m. 29 1 m. 53 | 5 x 34 6 x 04 | 29 x 31 29 x 48 | 15 Ω 32 15 Ω 18 | 20 mp 10 20 mp 03 | 2 m. 49 3 m. 14 | 6 x 37 7 x 07 | 0 3 26 0 3 43 |
| | 12Ω51 | 17 mg 05 | 0 m 55 | 5×31 | 29 🗷 10 | 13 £ 57 | 18 m ₂ 30 | 2 m 18 | 6×35 | 0중05 | 15 Ω 05 | 19 mp 56 | 3 m. 41 | 7×38 | 1중00 |
| 34S | 12 0 36 | 16 m 55 | 1 m 21 | 6≉03 | 29 ₹ 27 | 13 ຄ 43 | 18 m 22 | 2 m.45 | 7 <i>≱</i> 07 | 0중22 | 14Ω50 | 19 mg 48 | 4m.08 | 8 ₹ 10 | 1중17 |
| 35S | 12Ω21 | 16 mg 45 | 1 m.47 | 6∡136 | 29 ₹ 45 | 13 £ 28 | 18 mg 13 | 3 m. 12 | 7∡40 | 0중40 | 14Ω36 | 19 mg 40 | 4m.37 | 8 <i>≱</i> 43 | 1중35 |
| | 12205 | 16 mg 35 | 2m16 | 7 ∡ 10 | 0중03 | 13 Q 13 | 18 mg 03 | 3 m 42 | 8 ∡ 14 | 0중58 | 14⋒20 | 19 mg 32 | 5m07 | 9∡17 | 1공53 |
| | 11Ω49 | 16 m 23 | 2 m. 45 | 7. ₹ 45 | 0중22 | 12Ω57 | 17 m 53 | 4 m 12 | 8 <i>≱</i> 149 | 1317 | 14Ω05 | 19 m 23 | 5m38 | 9₹52 | 2중11 |
| | | 16 m 12 | | 8 × 21 | | | 17 m 43 | 4m.45 | | | 13 \Omega 48 | | 6m.12 | | 2중30 |
| - 1 | 11 2 15 | 15 m 59 | 3 m. 50 | 8 <i>₹</i> 159 | 1중01 | 12 \Omega 23 | 17 m, 32 | 5 m. 19 | 10 🗷 03 | 1중55 | 13 231 | 19 mg 04 | 6m.47 | 11 ₹ 06 | 2중50 |
| | 10.057 | 15 m 46 | 4 m 25 | 9 🗷 38 | 1중21 | 12 0.05 | 17 m 20 | 5 m 55 | 10 🗷 42 | 2316 | 13 Ω 14 | 18 m 54 | 7 m 24 | 11 7 45 | 3중10 |
| 41S 42S | 10Ω38 10Ω18 | 15 mg 32 15 mg 17 | 5 m 03 5 m 43 | 10∡19 11∡01 | 1중42 2중03 | 11 Ω46 11 Ω27 | 17 mp 07 16 mp 54 | 6m34 7m15 | 11 ₹23 12 ₹05 | 2 3 36 2 3 58 | 12Ω55 12Ω36 | 18 mg 43 18 mg 31 | 8m.04 8m.46 | 12 ₹ 26 13 ₹ 08 | 3중31 3중52 |
| 43S | 9258 | 15 mg 01 | 6m.25 | 11 🗷 45 | 2 3 25 | 11 Ω 07 | 16 mg 40 | 7 m 59 | 12 \$\sigma 49\$ | 3320 | 12.016 | 18 mg 19 | 9m31 | 13 × 52 | 4공14 |
| 44S | 9ຄ37 | 14 m/44 | 7m.11 | 12 ₹ 31 | 2ਰ48 | 10⋒46 | 16 m 24 | 8 m 45 | 13 ₹ 34 | 3543 | 11Ω56 | 18 m, 05 | 10m.19 | 14 ∡ 37 | 4ਰ37 |
| 45S | 9Ω14 | 14 m/26 | 7m.59 | 13 ~ 19 | 3중12 | 10 ຄ 24 | 16 m, 08 | 9 m 35 | 14 ∡ 22 | 4궁06 | 11 £ 34 | 17 m ₂ 51 | 11 m 10 | 15 ₹ 25 | 5중00 |
| 46S | 8£51 | 14 m 06 | 8 m 52 | 14 ≉ 08 | 3ਰ37 | 10 ຄ 01 | 15 m 50 | 10 m 29 | 15 ₹ 12 | 4중31 | 11Ω11 | 17 m 35 | 12m05 | 16 ₹ 14 | 5ਰ25 |
| 47S | 8 2 27 | 13 m 45 | 9m.48 | 15×101 | 4중02 | 9⋒37 | 15 m 31 | 11 m.27 | 16×104 | 4중56 | 10Ω47 | 17 m, 18 | 13 m. 04 | 17 <i>≯</i> 06 | 5중50 |
| 485 | 8Ω01 7Ω34 | 13 m 21 | 10m49 | 15 × 55 | 4 궁 28 | 9Ω11 | 15 m 10 | 12 m 29 | 16×158 | 5 3 22 | 10Ω22 | 17 m 00 | 14m.07 | 18×100 | 6 3 16 |
| 49S | 7£34 | 12 m 56 | 11 m.55 | 16 <i>₹</i> 52 | 4중56 | 8.045 | 14 m 48 | 13 m. 37 | 17 × 55 | 5349 | 9256 | 16 m 40 | 15 m. 16 | 18 × 57 | 6중43 |
| 50S | 7Ω06 | 12 m 29 | 13 m 08 | 17×152 | 5 공 54 | 8Ω17 | 14 m 23 | 14 m 50 | 18 × 55 | 6 궁 18 | 9Ω28 | 16 m 18 | 16m.31 | 19 \$7 56 | 7중11 |
| 51S 52S | 6Ω36 6Ω04 | 11 m 58 11 m 24 | 14 m. 26 15 m. 53 | 18 ₹ 56 20 ₹ 02 | 5 궁 54 6 궁 24 | 7Ω47 7Ω15 | 13 m 55 13 m 25 | 16 m. 10 17 m. 38 | 19 <i>₹</i> 57 21 <i>₹</i> 03 | 6 공 47 7 공 18 | 8 N 59 8 N 28 | 15 m 54 15 m 27 | 17m.52 19m.21 | 20 ₹ 58 22 ₹ 04 | 7 3 40 8 3 11 |
| 53S | 5Ω30 | 11 np 24 10 mp 47 | 17 m 28 | 20 x·02 21 ₹ 12 | 6공57 | 6Ω42 | 13 m/ 23 | 17 IL 38 | 21 x·03 22 z 13 | 7850 | 7 N 55 | 13 m/ 27 | 20m.58 | 22 x · 04 23 x · 12 | 8342 |
| 54S | 4Ω54 | 10 mg 05 | 19m.13 | 22 × 25 | 7중30 | 6£07 | 12 m 14 | 21 m 00 | 23 ₹ 25 | 8중23 | 7ω19 | 14 m/ 24 | 22 m 45 | 24 × 25 | 9중15 |
| 55S | 4Ω16 | 9 m ₂ 18 | 21 m 10 | 23 द 43 | 8중05 | 5 ณ 29 | 11 m ₂ 31 | 22 m 58 | 24 ∡ 42 | 8중58 | 6Ω42 | 13 mg 46 | 24 m.43 | 25 ₹41 | 9궁50 |
| 56S | 3⋒36 | 8 m 25 | 23 m 19 | 25 ≉ 05 | 8중42 | 4Ω48 | 10 m 43 | 25 m 08 | 26 ₮ 04 | 9 3 34 | 6⋒02 | 13 mg 03 | 26m53 | 27 ₮ 01 | 10궁26 |
| 57S | 2252 | 7 m 23 | 25 m.44 | 26 ₹ 32 | 9중21 | 4Ω05 | 9 m 47 | 27 m 33 | 27 ≈ 30 | 10중13 | 5Ω19 | 12 m 13 | 29 m 17 | 28 ₹ 26 | 11궁05 |
| 58S | 2005 | 6 mg 12 | 28 m. 27 | 28 🗷 04 | 10중02 | 3 \O 19 | 8 m 42 | 0 x 15 | 29 🗷 00 | 10공53 | 4 \Omega 33 | 11 m 15 | 1 🗷 58 | 29 🗷 56 | 11345 |
| 59S | 1 \O 15 | 4 m/49 | 1 ₹ 30 | 29 🗷 42 | 10중44 | 2 \Omega 29 | 7 m, 27 | 3 x 16 | 0중36 | 11336 | 3 \(\Omega \)43 | 10 m, 08 | 4 <i>x</i> ¹ 57 | 1중31 | 12827 |
| 60S | 0Ω21 | 3 mp 11 | 4×156 | 1 궁 25 | 11궁30 | 1 \O 34 | 5 m 57 | 6 x 39 | 2 궁 18 | 12320 | 2 \O 49 | 8 m 47 | 8 × 17 | 3 궁 11 | 13311 |
| | 29 ട 22 28 ട 18 | 1 m/12 28Ω48 | 8 ₹ 48 13 ₹ 09 | 3 당 14 5 당 10 | 12궁17 13궁08 | 0 ຄ 36 29 ອ 32 | 4 mp 08 1 mp 54 | 10 ₹ 26 14 ₹ 41 | 4 3 06 6 3 00 | 13 군 08 13 군 58 | 1Ω51 0Ω47 | 7 m, 08 5 m, 07 | 12 ₹ 00 16 ₹ 08 | 4 궁 57 6 궁 50 | 13궁58 14궁48 |
| | 27©08 | 25 Ω 47 | 18×09 | 7중14 | 14명01 | 28922 | 29 205 | 19 🗷 25 | 8중02 | 13 8 38 | 29938 | 2 m/ 32 | 20 🖈 43 | 8 3 49 | 15340 |
| | 25@52 | 21 \$657 | 23 ₹ 28 | 9중25 | 14공58 | 27906 | 25 A 28 | 24 ∡ 38 | 10중10 | 15847 | 28522 | 29 211 | 25 ₹ 45 | 10궁55 | 16중36 |
| 65S | 24928 | 16£56 | 29∡26 | 11궁43 | 15궁59 | 25@42 | 20ຄ39 | 0중21 | 12궁26 | 16중47 | 26\$58 | 24 239 | 1궁14 | 13궁09 | 17ਰ35 |
| 66S | 22©56 | 10Ω15 | 5궁52 | 14궁10 | 17중03 | 24910 | 14Ω05 | 6중30 | 14궁50 | 17중51 | 25©25 | 18 Ω 19 | 7중07 | 15중30 | 18중38 |
| pc | 22900 | 5 N 30 | 9 궁 39 | 15중36 | 17중42 | 23 5 13 | 9Ω19 | 10중06 | 16중15 | 18궁29 | 24\$28 | 13 Q 36 | 10중34 | 16궁53 | 19ਰ15 |

| | Sid.Tir MC: | | 6m AR 513'10 | MC: 11 | 4°00' | Sid.Tir MC: | | 0m AR 609'46 | MC: 11 | 15°00' | Sid.Tii MC: | ne: 7h4 24© | 4m AR 606'28 | RMC: 11 | 6°00' |
|------------|-----------------------|--|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------|---------------------------------------|--------------------|--------------------------------|----------------------|----------------------|----------------------|--------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 21 Ω37 | 23 m, 27 | 25 ≏ 53 | 26m.18 | 24 ₹ 29 | 22 A 38 | 24 m/33 | 26₽56 | 27m.16 | 25 ₹ 24 | 23 & 40 | 25 m/38 | 27ჲ59 | 28 m. 14 | 26 ₹ 19 |
| 1S | 21 229 | 23 m 25 | 26≗04 | 26m36 | 24 ₹ 41 | 22⋒31 | 24 m 31 | 27≗08 | 27m34 | 25 ₹ 36 | 23 ⋒33 | 25 m/36 | 28 🕰 11 | 28 m 33 | 26∡31 |
| 2S | 21 221 | 23 m 22 | 26 - 15 | 26 m 54 | 24 ₹ 53 | 22 \Omega 23 | 24 m/28 | 27 ≏ 20 | 27 m 52 | 25 ₹ 48 | 23 25 | 25 m/35 | 28 ≏ 24 | 28 m 51 | 26 ₹ 43 |
| 3S | 21 \Q 13 | 23 m 20 | 26 ♣ 27 | 27 m 12 | 25 🗷 05 | 22 \Q 15 | 24 m 26 | 27 △ 32 | 28 m 11 | 26 🗷 00 | 23 \Omega 17 | 25 m 33 | 28 ₾ 36 | 29 m 09 | 26 🗷 55 |
| 4S | 21 205 | 23 m, 17 | 26₽39 | 27 m 30 | 25 ₹ 17 | 22 Ω 07 | 24 m/24 | 27 ≏ 44 | 28 m 29 | 26 ₹ 12 | 23 Ω 10 | 25 m/31 | 28 ₾ 49 | 29 m.28 | 27 ₹ 07 |
| 5S | 20 0.40 | 23 m 14 | 26 ♀ 51 27 ♀ 03 | 27 m 48 | 25 7 29 | 22 \Q 00 | 24 m 22 | 27 ♀ 56 28 ♀ 09 | 28 m 47 | 26 ₹ 24 | 23 \O2 | 25 m 29 | 29 ₾ 01 | 29 m. 46 | 27 7 19 |
| 6S 7S | 20Ω49 20Ω41 | 23 mg 11 23 mg 09 | 27 <u>2</u> 03 | 28 m 07 28 m 26 | 25 ₹ 41 25 ₹ 53 | 21 \Omega 52 21 \Omega 43 | 24 mg 19 24 mg 17 | 28 1 09 28 1 22 | 29 m 06 29 m 25 | 26 ₹ 36 26 ₹ 48 | 22Ω54 22Ω46 | 25 m/27 25 m/25 | 29 <u>a</u> 14 | 0 ₹ 05 0 ₹ 24 | 27 ₹ 31 27 ₹ 43 |
| 8S | 20033 | 23 mg 06 | 27 2 28 | 28 m 45 | 26×05 | 21 235 | 24 mg 15 | 28 □ 35 | 29 m 44 | 27 \$\squad 00 | 22.038 | 25 m 23 | 29 2 41 | 0 x 24 0 x 43 | 27 🗷 55 |
| 9S | 20 Ω 24 | 23 m 03 | 27 ≏ 41 | 29 n. 04 | 26 ₹ 17 | 21 227 | 24 m 12 | 28 <u>₽</u> 48 | 0∡03 | 27 ₹ 12 | 22 230 | 25 m/21 | 29₽55 | 1 ≉ 03 | 28 ₹ 08 |
| 10S | 20Ω16 | 23 m ₂ 00 | 27 ≏ 54 | 29 m 23 | 26 ₹ 29 | 21 & 19 | 24 m 10 | 29 ₾ 02 | 0 ₹ 23 | 27 ₹ 25 | 22 \Omega 22 | 25 mg 19 | 0 m 09 | 1 ₹ 23 | 28 ₹ 20 |
| 11S | 20 <i>ω</i> 07 | 22 m 57 | 28≗07 | 29 m 43 | 26 ₹ 42 | 21 & 10 | 24 m 07 | 29 🕰 15 | 0 ≉ 43 | 27 ₹ 37 | 22 N 14 | 25 m 17 | 0 m 23 | 1 ∡ 42 | 28 ₮ 32 |
| 12S | 19£58 | 22 m 54 | 28≏21 | 0.7∙03 | 26 ≯ 54 | 21 202 | 24 m 04 | 29 ₾ 30 | 1 ∡ 03 | 27 ₹ 50 | 22 A 06 | 25 mg 15 | 0m.38 | 2 ₹ 03 | 28 ∡ 45 |
| 138 | 19 \$2.49 | 22 m 50 | 28 - 35 | 0 ₹ 23 | 27 🗷 07 | 20 253 | 24 m 02 | 29 ₾ 44 | 1 🗷 23 | 28 🗷 02 | 21 257 | 25 m 13 | 0m.53 | 2 🗷 23 | 28 🗷 57 |
| 14S | 19⋒40 | 22 m/47 | 28 ≏ 49 | 0 ≉ 43 | 27 ₹ 20 | 20 A 44 | 23 m 59 | 29 ₾ 59 | 1 ∡ 44 | 28 ₹ 15 | 21 249 | 25 m, 11 | 1 m.08 | 2 ∡ 44 | 29 ₹ 10 |
| 15S | 19Ω31 | 22 m 44 | 29 ₾ 04 | 1 ₹ 04 | 27 🗷 32 | 20 235 | 23 m 56 | 0 m 14 | 2×05 | 28 🗷 27 | 21 \Omega 40 | 25 m 09 | 1 m. 24 | 3 ₹ 05 | 29 🗷 23 |
| 16S 17S | 19Ω22 19Ω13 | 22 m/40 22 m/37 | 29 <u>a</u> 19 | 1 ₹ 25 1 ₹ 47 | 27 ₹ 45 27 ₹ 58 | 20Ω26 20Ω17 | 23 m 53 23 m 50 | 0 m 30 | 2 ₹ 26 2 ₹ 48 | 28 × 40 28 × 53 | 21 \Q31 21 \Q22 | 25 m 07 25 m 04 | 1 m. 40 1 m. 56 | 3 ∡ 26 3 ∡ 48 | 29 ₹ 35 29 ₹ 49 |
| 17S 18S | 198013 19Ω03 | 22 m/ 33 | 29 2 50 | 2 × 1 09 | 27×38 | 202017 20208 | 23 m 47 | 0 m. 45 1 m. 02 | 2×48 3×10 | 28×33 29×107 | 21 &t 22 21 &t 13 | 25 m 02 | 2m.13 | 3×48 4×10 | 29×149 0중02 |
| 19S | 18£63 | 22 m 29 | 0m.06 | 2×07 | 28×11 | 19 A 58 | 23 m 44 | 1 m. 19 | 3 × 10 | 29 🗷 20 | 21 & 03 | 24 m 59 | 2 m 31 | 4 ₹ 33 | 0302 |
| 20S | 18Ω44 | 22 m 26 | 0 m. 23 | 2 ₹ 54 | 28 ₹ 38 | 19 a 49 | 23 m 41 | 1 m. 36 | 3 ₹ 55 | 29 🗷 33 | 20 254 | 24 m 57 | 2 m. 48 | 4 <i>≯</i> 756 | 0중28 |
| 21S | 18£33 | 22 m 22 | 0m.41 | 3 ₹ 17 | 28 ₹ 52 | 19 239 | 23 m 38 | 1 m 54 | 4 <i>₹</i> 18 | 29×47 | 20 Ω 44 | 24 m 54 | 3 m 07 | 5 ₹ 19 | 0중42 |
| 22S | 18⋒23 | 22 m/18 | 0 m. 58 | 3 ∡ 41 | 29 ₹ 06 | 19⋒29 | 23 m/34 | 2 m 12 | 4 <i>≯</i> 42 | 0중01 | 20 A 34 | 24 m 51 | 3 m 26 | 5 ₹ 43 | 0중56 |
| 23S | 18Ω13 | 22 m 13 | 1 m 17 | 4 ₹ 05 | 29 🗷 20 | 19218 | 23 m 31 | 2m31 | 5×106 | 0중15 | 20 Ω 24 | 24 m 49 | 3 m 45 | 6 <i>₹</i> 07 | 1310 |
| 24S | 18 Ω 02 | 22 m, 09 | 1 m.36 | 4 ₹ 29 | 29 ₹ 34 | 19£08 | 23 m, 27 | 2m.51 | 5∡31 | 0중29 | 20Ω14 | 24 m 46 | 4m.05 | 6 ₹ 32 | 1중24 |
| 25S | 17Ω51 | 22 m 05 | 1 m 55 | 4 ₹ 55 | 29 ₹ 49 | 18 N 57 | 23 m 24 | 3 m 11 | 5 ₹ 56 | 0중44 | 20Ω03 | 24 m 43 | 4m26 | 6 ₹ 58 | 1중39 |
| 26S 27S | 17Ω40 17Ω28 | 22 m 00 | 2 m 16 2 m 37 | 5×120 | 0 궁 03 0 궁 18 | 18Ω46 18Ω35 | 23 m/20 23 m/16 | 3 m 32 3 m 54 | 6 ₹ 22 6 ₹ 49 | 0중58 | 19Ω52 19Ω41 | 24 m/40 24 m/36 | 4m.48 | 7 ₹ 24 7 ₹ 50 | 1중53 2중08 |
| 28S | 178128 $17\Omega16$ | 21 m ₂ 55 21 m ₂ 50 | 2 m 59 | 5 ₹ 47 6 ₹ 14 | 0518 | 18 N 23 | 23 mg 11 | 4m.16 | 7×16 | 1중13 1중28 | 198241 | 24 m/ 33 | 5 m 10 5 m 33 | 8 x 18 | 2 5 08 |
| 29S | 17Ω04 | 21 m/ 45 | 3 m. 21 | 6 ₹ 42 | 0349 | 18 N 11 | 23 m 07 | 4 m 40 | 7×144 | 1344 | 19 18 | 24 m/29 | 5 m 57 | 8 ₹ 46 | 2339 |
| 30S | 16Ω52 | 21 m 39 | 3 m. 45 | 7 <i>≱</i> 10 | 1중05 | 17£59 | 23 m 03 | 5 m 04 | 8 <i>≱</i> 13 | 2300 | 19 ຄ 06 | 24 m 26 | 6m.22 | 14 ہے 9 | 2355 |
| 31S | 16Ω39 | 21 m/34 | 4 m 10 | 7 ₹ 40 | 1ਰ21 | 17Ω46 | 22 m 58 | 5 m 29 | 8×142 | 2중16 | 18Ω54 | 24 m 22 | 6m49 | 9 ₹ 44 | 3ਰ11 |
| 32S | 16⋒26 | 21 m/28 | 4 m 35 | 8 ₹ 10 | 1중38 | 17£33 | 22 m 53 | 5 M 56 | 9∡12 | 2832 | 18⋒41 | 24 m/18 | 7m.16 | 10 ₹ 14 | 3ਰ27 |
| 33S | 16Ω12 | 21 m 22 | 5 m 02 | 8 🗷 41 | 1공54 | 17Ω20 | 22 m 48 | 6m24 | 9 🗷 43 | 2349 | 18 228 | 24 m 14 | 7m.44 | 10 🗷 45 | 3844 |
| 34S | 15 Ω 58 | 21 m, 15 | 5m31 | 9∡13 | 2중12 | 17Ω06 | 22 m, 42 | 6 m 53 | 10 ₹ 15 | 3중06 | 18Ω14 | 24 m 10 | 8m.14 | 11 ∡ 17 | 4중01 |
| 35S | 15 Ω 43 | 21 m 08 | 6m.00 | 9×146 | 2중29 | 16 2 3 7 | 22 m/ 37 | 7 m 23 | 10×48 | 3824 | 18Ω00 | 24 m 05 | 8m.45 | 11 🗷 50 | 4중18 |
| 36S 37S | 15 Ω 28 15 Ω 13 | 21 mg 01 20 mg 54 | 6m.31 7m.04 | 10 ₹ 20 10 ₹ 55 | 2 정 47 3 정 06 | 16Ω37 16Ω22 | 22 m/31 22 m/24 | 7 m 55 8 m 28 | 11 ∡ 22 11 ∡ 58 | 3중42 4중00 | 17Ω46 17Ω31 | 24 m 00 23 m 55 | 9m.17 9m.52 | 12 ₹ 24 13 ₹ 00 | 4 3 36 4 3 55 |
| 38S | | 20 mg 46 | | | | 16Ω06 | | | 12 × 34 | 1 | | 23 m 50 | 1 | | 5중14 |
| 39S | 14Ω40 | 20 m/ 37 | 8m.14 | 12 ₹ 09 | 3ਰ44 | 15 Ω 49 | 22 m/11 | 9 m 40 | 13 ₹ 12 | 4궁39 | 16Ω59 | 23 m/44 | 11 m 06 | 14 ₹ 13 | 5ਰ33 |
| 40S | 14Ω23 | 20 m, 28 | 8 m. 52 | 12 ∡ 48 | 4궁04 | 15 ຄ32 | 22 m 03 | 10 m 20 | 13 ₹ 51 | 4궁59 | 16Ω42 | 23 m 38 | 11 m.46 | 14 ₹ 52 | 5평53 |
| 41S | 14Ω05 | 20 m 19 | 9m33 | 13 ₹ 29 | 4중25 | 15 Ω 15 | 21 m 55 | 11 m 01 | 14∡31 | 5중19 | 16Ω25 | 23 m 32 | 12 m 28 | 15 ₹ 33 | 6313 |
| 42S | 13 Ω 46 | 20 m, 09 | 10m.16 | 14 🗷 11 | 4궁46 | 14Ω56 | 21 m/47 | 11 m 45 | 15 ₹ 13 | 5중40 | 16Ω07 | 23 m/25 | 13 m 13 | 16 ₹ 14 | 6334 |
| 43S | 13 226 | 19 m 58 | 11 m. 02 | 14 🗷 54 | 5중08 | 14.037 | 21 m 38 | 12 m 32 | 15 \$7 56 | 6 3 02 | 15 Ω 48 | 23 m 18 | 14m.00 | 16 🗷 58 | 6공56 |
| 448 | 13 Ω 06 | 19 mg 46 | 11 m. 51 | 15×140 | 5중31 | 14.0.17 | 21 m 28 | 13 m. 22 | 16×142 | 6325 | 15Ω28 | 23 m 10 | 14m.51 | 17 × 43 | 7중18 |
| 45S 46S | 12Ω45 12Ω22 | 19 mg 34 19 mg 20 | 12 m. 43 13 m. 39 | 16 <i>≭</i> 27 17 <i>≭</i> 17 | 5 궁 54 6 궁 18 | 13 N 56 13 N 34 | 21 m, 17 21 m, 06 | 14 m 15 15 m 12 | 17∡29 18∡18 | 6 3 48 7 3 12 | 15Ω07 14Ω46 | 23 mg 01 22 mg 52 | 15 m. 45 16 m. 43 | 18 ∡ 30 19 ∡ 19 | 7 3 42 8 3 05 |
| 46S 47S | 128122 11.059 | 19 mg 20 | 13 IL 39 14 IL 39 | 17×17 18×108 | 6 3 43 | 13 <i>l</i> 134 13 <i>l</i> 10 | 21 m 06 20 m 54 | 15 IL 12 | 19 \$7 09 | 7 5 12 7 5 37 | 143746 14Ω23 | 22 m 43 | 10 11 43 17 m 45 | 19×19 20×10 | 8중30 |
| 48S | 11 Ω 34 | 18 m 50 | 15 m. 44 | 19 🗷 02 | 7중09 | 12 246 | 20 m/41 | 17 m 19 | 20 🗷 03 | 8중03 | 13 \$\alpha 59 | 22 m/ 32 | 18m.52 | 21 🗷 03 | 8중56 |
| 49S | 11 0 08 | 18 m/ 33 | 16m54 | 19∡58 | 7중36 | 12 ຄ20 | 20 m/26 | 18m29 | 20 ∡ 59 | 8중29 | 13 ຄ33 | 22 m/20 | 20m.03 | 21 ∡ 58 | 9중22 |
| 50S | 10 Ω 40 | 18 mp 14 | 18m.09 | 20∡57 | 8중04 | 11 Q 53 | 20 mg 10 | 19 m 46 | 21 ∡ 57 | 8중57 | 13 û 07 | 22 m/07 | 21 m.21 | 22 ∡ 57 | 9궁50 |
| 51S | 10Ω11 | 17 m 53 | 19m32 | 21 ₹ 59 | 8중33 | 11 ⋒24 | 19 m 53 | 21 m 09 | 22 ∡ 58 | 9궁26 | 12⋒38 | 21 m 53 | 22 m 44 | 23 ≯ 57 | 10궁19 |
| 52S | 9 0 40 | 17 m 30 | 21 m.01 | 23 🗷 04 | 9중03 | 10 0 54 | 19 m 33 | 22 m 39 | 24 🗷 03 | 9중56 | 12Ω08 | 21 m 38 | 24 m 15 | 25 × 01 | 10공48 |
| 53S 54S | 9A08 8A33 | 17 mg 04 16 mg 35 | 22 m 39 24 m 26 | 24 ₹ 12 25 ₹ 23 | 9 궁 35 10 궁 08 | 10Ω22 9Ω47 | 19 mg 11 18 mg 47 | 24 m. 18 26 m. 05 | 25 ∡ 10 26 ∡ 21 | 10중27 11중00 | 11 Ω 36 11 Ω 02 | 21 m/20 21 m/00 | 25 m.54 27 m.41 | 26 ₹ 08 27 ₹ 18 | 11궁19 11궁52 |
| - 1 | | | | | | | | | | | | | | | |
| 55S 56S | 7£56 7£16 | 16 mg 02 15 mg 24 | 26 m. 24 28 m. 35 | 26 ₹ 39 27 ₹ 58 | 10중42 11중18 | 9 N 10 8 N 31 | 18 mg 19 17 mg 48 | 28 m.03 0 ≈ 13 | 27 ₹ 36 28 ₹ 54 | 11중34 12중10 | 10Ω26 9Ω47 | 20 m/38 20 m/12 | 29 m. 39 1 ∡ 48 | 28 ₹ 32 29 ₹ 50 | 12중26 13중01 |
| 57S | 6Ω34 | 13 mg 24 14 mg 41 | 28 IIC 55 0 ₹ 58 | 29 × 22 | 11316 | 7 N 49 | 17 mg 48 | 2 x 36 | 0중17 | 12847 | 9205 | 19 mg 43 | 4×10 | 1공12 | 13839 |
| 58S | 5Ω48 | 13 m 51 | 3 ₹ 38 | 0중51 | 12중36 | 7£04 | 16 m/29 | 5 <i>≱</i> 14 | 1중45 | 13827 | 8£20 | 19 mg 09 | 6 <i>≱</i> 46 | 2중38 | 14궁18 |
| 59S | 4£058 | 12 m/52 | 6₹35 | 2중24 | 13중18 | 6 Ω 14 | 15 mg 38 | 8 ₹ 08 | 3중17 | 14중08 | 7ຄ32 | 18 m, 28 | 9∡38 | 4⋜09 | 14궁59 |
| 60S | 4⋒05 | 11 mg 41 | 9∡51 | 4중03 | 14중02 | 5 ຄ 2 1 | 14 m/38 | 11∡21 | 4궁54 | 14궁52 | 6 Ω 39 | 17 mg 38 | 12∡48 | 5중45 | 15중42 |
| 61S | 3 & 0 7 | 10 mg 14 | 13 🗷 29 | 5중48 | 14348 | 4Ω24 | 13 m 24 | 14 🗷 54 | 6중37 | 15중38 | 5 Ω 42 | 16 m 38 | 16×16 | 7중27 | 16중27 |
| 62S | 2Ω03 | 8 m 26 | 17×30 | 7 3 38 | 15중37 | 3 & 21 | 11 m 51 | 18 × 50 | 8 궁 26 | 16궁26 | 4 \Omega 3 9 | 15 m 22 | 20 × 05 | 9314 | 17315 |
| 63S 64S | 0Ω54 29©38 | 6 mg 08 3 mg 06 | 21 ∡ 57 26 ∡ 49 | 9 궁 35 11 궁 39 | 16궁29 17궁24 | 2 N 12 0 N 56 | 9 m, 52 7 m, 14 | 23 ∡ 08 27 ∡ 50 | 10중21 12중23 | 17중18 18중12 | 3 Ω 3 0 2 Ω 1 5 | 13 m 44 11 m 32 | 24 ∡ 16 28 ∡ 48 | 11る07 13る07 | 18 궁 06 19 궁 00 |
| 65S | | 28£57 | | | | 29932 | | | 14332 | | 0Ω51 | | | | 19358 |
| 66S | 28514 26541 | 288137 23 \Omega 00 | 2정05 7정44 | 13 궁 51 16 궁 09 | 18중23 19중25 | 29932 | 3 m 33 28 N 08 | 2 궁 54 8 궁 19 | 14 5 32 | 19중10 20중12 | 29518 | 8 m/26 3 m/45 | 3정42 8정55 | 15 日 13 | 20중59 |
| pc | 25945 | 18£26 | 11중02 | 17중30 | 20중02 | 27902 | 23 \$\alpha 52 | 11329 | 18중08 | 20312 | 28521 | 29 258 | 11 공 57 | 18 공 45 | 21중35 |
| 1. | | | | | | | | | | | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 8m AR 603'19 | MC: 11 | 7°00' | Sid.Tir MC: | | 2m AR 500'17 | MC: 11 | 8°00' | Sid.Tir MC: | ne: 7h50 269 | 6m AR 557'23 | MC: 11 | .9°00' |
|------------|-------------------------------|--|----------------------|----------------------------------|----------------------------------|--------------------|--|----------------------------------|----------------------------------|----------------------------------|------------------------------|----------------------|-------------------------------|---------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 24 \Omega 42 | 26 m/43 | 29ჲ02 | 29 m 12 | 27 ₹ 14 | 25 € 44 | 27 m, 49 | 0 m 05 | 0 ₹ 10 | 28 ₮ 09 | 26 246 | 28 m 54 | 1 m 08 | 1 ₹ 07 | 04 ہے 29 |
| | 24£35 | 26 m/42 | 29 ₾ 15 | 29m31 | 27 ₹ 26 | 25 A 37 | 27 m/48 | 0 m 18 | 0 ₹ 28 | 28×21 | 26⋒39 | 28 m 54 | 1 m. 21 | 1 ₹ 26 | 29 ₹ 16 |
| 2S | 24 \O 27 | 26 m 41 | 29 ₾ 27 | 29 m 49 | 27×38 | 25 A 30 | 27 m 47 | 0m.31 | 0 x 47 | 28 🗷 33 | 26 \O 32 | 28 m 53 | 1 m 35 | 1 🗷 45 | 29 ₹ 28 |
| | 24Ω20 24Ω12 | 26 m/39 26 m/38 | 29 <u>a</u> 40 | 0 ₹ 07 0 ₹ 26 | 27 ₹ 50 28 ₹ 02 | 25 Ω 22 25 Ω 15 | 27 m/46 27 m/45 | 0 m. 44 0 m. 58 | 1 ₹ 06 1 ₹ 24 | 28 x 45 28 x 57 | 26Ω25 26Ω18 | 28 m 53 28 m 52 | 1 m.48 2 m.02 | 2 ₹ 04 2 ₹ 22 | 29 🗷 40 29 🗷 52 |
| 5S | 24Ω05 | 26 m/ 37 | 0 m 06 | 0 x 20 0 x 45 | 28×14 | 25 A 08 | 27 mg 44 | 1 m. 11 | 1 🗷 43 | 29 \$7 09 | 26Ω11 | 28 m/ 52 | 2 m 16 | 2×22 | 0중04 |
| 6S | $23 \Omega 57$ | 26 mg 35 | 0 m 20 | 1×104 | 28×14 | 25 Ω 00 | 27 mg 43 | 1 m 25 | 2 × 43 | 29 \$709 | 26 Ω 04 | 28 m 51 | 2 m 30 | 3 × 101 | 0504 |
| | 23 \$\alpha 49 | 26 m 34 | 0m.34 | 1 ₹ 23 | 28 ₹ 38 | 24 £ 53 | 27 m 42 | 1 m. 39 | 2 ₹ 22 | 29 🗷 33 | 25 \$\alpha 56 | 28 m 51 | 2 m 45 | 3 ₹ 20 | 0중28 |
| | 23 № 42 | 26 m/32 | 0m48 | 1 ∡ 42 | 28 ₹ 50 | 24 € 45 | 27 m/41 | 1 m 54 | 2 ₹ 41 | 29 ₹ 46 | 25 € 49 | 28 m 50 | 3 m 00 | 3 ∡ 40 | 0중41 |
| 9S | 23 N 34 | 26 m/31 | 1 m 02 | 2 ₹ 02 | 29 ₹ 03 | 24 A 37 | 27 m/40 | 2m08 | 3 ₮ 01 | 29 ₹ 58 | 25 Ω41 | 28 m 50 | 3 m. 15 | 4 ₮ 00 | 0중53 |
| | 23 N 26 | 26 m/29 | 1 m 16 | 2 ₹ 22 | 29 ₹ 15 | 24⋒30 | 27 m/39 | 2 m 23 | 3 ₹ 21 | 0중10 | 25 € 34 | 28 m/49 | 3 m 30 | 4 ₹ 20 | 1중05 |
| | 23 \Q 18 | 26 m 28 | 1 m. 31 | 2 🗷 42 | 29 🗷 27 | 24 \Q 22 | 27 m 38 | 2 m 38 | 3 🗷 41 | 0る22 | 25 \O 18 | 28 m 49 | 3 m 45 | 4 × 40 | 1317 |
| 12S 13S | 23 Ω 10 23 Ω 01 | 26 m/26 26 m/25 | 1 m.46 2 m.01 | 3 ₹ 02 3 ₹ 23 | 29 ₹ 40 29 ₹ 52 | 24Ω14 24Ω06 | 27 m/37 27 m/36 | 2 m. 54 3 m. 10 | 4 ₹ 02 4 ₹ 22 | 0중35 0중47 | 25 Ω 18 25 Ω 10 | 28 mg 48 28 mg 48 | 4m.01 4m.18 | 5 ₹ 01 5 ₹ 22 | 1중30 1중42 |
| | 22 \Omega 53 | 26 m/ 23 | 2 m 17 | 3×23 | 0중05 | 23 N 58 | 27 m/35 | 3 m 26 | 4×22 | 1중00 | 25 Ω 02 | 28 m/ 47 | 4m.34 | 5 × 43 | 1855 |
| | 22 Ω44 | 26 m 21 | 2 m 33 | 4 <i>₹</i> 105 | 0중18 | 23 û 49 | 27 m 34 | 3 m.42 | 5 <i>≱</i> 105 | 1중13 | 24 \$\alpha\$54 | 28 m 47 | 4m.51 | 6 <i>≱</i> 104 | 2508 |
| 16S | 22 Ω 36 | 26 m/ 20 | 2 m 50 | 4 ₹ 27 | 0중31 | 23 & 41 | 27 m 33 | 3 m 59 | 5 ₹ 26 | 1326 | 24 \Omega 46 | 28 mg 46 | 5 m 09 | 6 <i>x</i> 26 | 2 3 20 |
| | 22 \Omega 27 | 26 m 18 | 3 m 07 | 4 ≉ 48 | 0중44 | 23 ຄ32 | 27 m 32 | 4m.17 | 5 <i>≱</i> 148 | 1중39 | 24⋒38 | 28 m 46 | 5 m 27 | 6 ₹ 48 | 2중33 |
| | 22 \O 18 | 26 m 16 | 3 m 24 | 5×11 | 0중57 | 23 223 | 27 m 31 | 4m.35 | 6×11 | 1중52 | 24 \Omega 29 | 28 m 45 | 5m45 | 7∡11 | 2347 |
| | 22 A 09 | 26 mg 14 | 3 m.42 | 5 ₹ 33 | 1중10 | 23 A 14 | 27 m, 29 | 4 m.53 | 6 ₹ 33 | 2중05 | 24Ω20 | 28 mg 44 | 6 NL 04 | 7 ₹ 33 | 3중00 |
| | 21 0 50 | 26 m 12 | 4m.00 | 5 × 156 | 1중23 | 23 0 56 | 27 m 28 | 5 m 12 | 6 × 57 | 2518 | 24 \Omega 11 | 28 m 44 | 6m.23 | 7 \$7 57 | 3중13 |
| 21S 22S | 21 Ω50 21 Ω40 | 26 mp 10 26 mp 08 | 4 m 19 4 m 39 | 6 ₹ 20 6 ₹ 44 | 1중37 1중51 | 22 Ω 56 22 Ω 46 | 27 m ₂ 27 27 m ₂ 25 | 5 m 31 5 m 51 | 7ヹ20 7ヹ44 | 2 3 32 2 3 46 | 24 Ω 02 23 Ω 53 | 28 m 43 28 m 42 | 6 m. 43 7 m. 04 | 8 ₹ 20 8 ₹ 44 | 3중27 3중40 |
| | 21 Ω 30 | 26 mg 06 | 4m.59 | 7×108 | 2305 | 22 237 | 27 m/24 | 6m.12 | 8×109 | 3중00 | 23 \Quad 44 | 28 mg 42 | 7 m 25 | 9 2 09 | 3 ਰ 54 |
| 24S | 21 220 | 26 m 04 | 5 m₊20 | 7 <i>≱</i> 133 | 2중19 | 22 a 27 | 27 m 22 | 6m33 | 8 ₹ 34 | 3중14 | 23 ⋒34 | 28 m 41 | 7m47 | 9 ≉ 34 | 4중08 |
| 25S | 21 \Omega 10 | 26 m, 02 | 5m.41 | 7 <i>≱</i> 159 | 2333 | 22 A 17 | 27 m 21 | 6m.55 | 8 <i>≱</i> 159 | 3528 | 23 \Omega 24 | 28 m 40 | 8m.09 | 10 ₮ 00 | 4중23 |
| 26S | 20⋒59 | 25 m 59 | 6m03 | 8 ₹ 25 | 2중48 | 22 A 06 | 27 m 19 | 7m.18 | 9∡26 | 3₹43 | 23 ₪ 14 | 28 m/39 | 8m32 | 10∡26 | 4중37 |
| | 20Ω48 | 25 m 57 | 6m26 | 8 ₹ 52 | 3중03 | 21 256 | 27 m 18 | 7 m 42 | 9 ₹ 52 | 3중58 | 23 Ω 03 | 28 m 39 | 8m.56 | 10 ₹ 53 | 4정52 |
| | 20Ω37 20Ω26 | 25 m 54 25 m 52 | 6 m 50 7 m 15 | 9∡19 9∡47 | 3중18 3중33 | 21 Ω45 21 Ω34 | 27 mg 16 27 mg 14 | 8m.06 8m.31 | 10 ₹ 20 10 ₹ 48 | 4중13 4중28 | 22 \Omega 53 22 \Omega 42 | 28 m/38 28 m/37 | 9m21 9m47 | 11 ∡ 20 11 ∡ 48 | 5 궁 07 5 궁 23 |
| | | | | | | | | | | | | | | | |
| 30S 31S | $20 \Omega 14$ $20 \Omega 02$ | 25 m/49 25 m/46 | 7 m. 40 8 m. 07 | 10∡16 10∡45 | 3 공 49 4 공 05 | 21 Ω 22 21 Ω 10 | 27 m 13 27 m 11 | 8 m. 58 9 m. 25 | 11 ∡ 17 11 ∡ 46 | 4정44 5정00 | 22 \Omega 30 22 \Omega 19 | 28 m/36 28 m/35 | 10 m. 14 10 m. 42 | 12 ∡ 17 12 ∡ 47 | 5 군 38 |
| 32S | 19Ω49 | 25 m 43 | 8 m 35 | 11 \$7 15 | 4중22 | 20 A 58 | 27 mg 09 | 9 m 53 | 12 🗷 16 | 5중16 | 22 07 | 28 m/ 34 | 11 m. 11 | 13 🗷 17 | 6중10 |
| 33S | 19£36 | 25 m/40 | 9m04 | 11 ≉ 47 | 4중38 | 20 வ45 | 27 m, 07 | 10 m.23 | 12 ₹ 48 | 5중33 | 21 2 55 | 28 m/33 | 11 m 42 | 13 ≉ 48 | 6궁27 |
| 34S | 19£23 | 25 m, 37 | 9m34 | 12 ₹ 19 | 4중55 | 20 A 32 | 27 mj 04 | 10m54 | 13 ∡ 20 | 5중50 | 21 \Omega42 | 28 m/32 | 12m.13 | 14 ₮ 20 | 6중44 |
| | 19 <i>û</i> 09 | 25 m/34 | 10m.06 | 12 ₹ 52 | 5ਰ13 | 20 A 19 | 27 mj 02 | 11 m 27 | 13 ₹ 53 | 6중07 | 21 229 | 28 m/31 | 12m46 | 14 ₹ 53 | 7중01 |
| 36S | 18.055 | 25 m 30 | 10m.39 | 13 🗷 26 | 5중31 | 20 20 05 | 27 m 00 | 12m.01 | 14 🗷 27 | 6 공 25 | 21 \Omega 15 | 28 m 30 | 13 m. 21 | 15 🗷 27 | 7중19 |
| | 18Ω41 | 25 m/26 | 11 m.14 11 m.51 | 14∡01 14∡37 | 5 궁 49 | 19 | 26 m 57 | 12 m 36 13 m 14 | 15 ₹ 02 15 ₹ 38 | 6 3 43 | | 28 m/28 28 m/27 | 13 m 57 | 16∡02 16∡39 | 7 3 37 7 3 56 |
| | 18Ω09 | 25 m 18 | 12 m. 30 | 15 🗷 15 | 6 3 27 | 19 & 20 | 26 m 52 | 13 m 53 | 16×16 | 7 3 02 | 20231 | 28 m/ 26 | 15 m 15 | 17 × 16 | 8중15 |
| | 17 Ω 53 | 25 m 13 | 13 m 11 | 15 ₹ 54 | 6중47 | 19 ົດ 04 | 26 m 49 | 14 m 35 | 16∡54 | 7중41 | 20Ω15 | 28 m 24 | 15 m 58 | 17 ₹ 55 | 8중34 |
| | 17Ω36 | 25 m 08 | 13 m 54 | 16 🗷 34 | 7중07 | 18Ω47 | 26 m 45 | 15 m 19 | 17×34 | 8중01 | 19259 | 28 m 22 | 16 m 42 | 18 ₹ 35 | 8중55 |
| 42S | 17 Ω 18 | 25 m 03 | 14m39 | 17∡15 | 7중28 | 18 ຄ 30 | 26 m 42 | 16m05 | 18∡16 | 8중22 | 19⋒42 | 28 m 21 | 17m29 | 19∡16 | 9궁15 |
| 438 | 16.0.59 | 24 m 58 | 15 m 28 | 17 🗷 59 | 7정50 | 18 2 11 | 26 m 38 | 16m.54 | 18 🗷 59 | 8343 | 19 24 | 28 m 19 | 18m.19 | 19 🗷 59 | 9중37 |
| | 16Ω40 | 24 m 52 | 16m.19 | 18 ₹ 44 | 8중12 | 17.0.52 | 26 m/34 | 17 m.46 | 19 🗷 44 | 9중05 | 19Ω05 | 28 m 17 | 19m.12 | 20 ₹43 | 9중59 |
| 45S | 16Ω19 15Ω58 | 24 m 46 | 17m.14 | 19×30 | 8 공 35 | 17 A 32 | 26 m/30 26 m/26 | 18 m. 42 | 20 \$\times 30 | 9 궁 28 | 18 Ω 45 | 28 m 15 | 20 m 08 | 21 ∡ 30 22 ∡ 18 | 10중21 10중45 |
| 46S 47S | 15 £158 15 £136 | 24 m/39 24 m/31 | 18 m. 13 19 m. 16 | 20 ₹ 19 21 ₹ 10 | 8 궁 59 9 궁 23 | 17Ω11 16Ω49 | 26 mg 26 26 mg 21 | 19 m. 41 20 m. 45 | 21 ∡ 19 22 ∡ 09 | 9 궁 52 10 궁 16 | 18Ω25 18Ω03 | 28 m 13 28 m 10 | 21 m 08 22 m 12 | 22 × 18 23 × 08 | 10~545 11~509 |
| 48S | 15 Ω 12 | 24 m 23 | 20 m 23 | 22 × 03 | 9 3 49 | 16 26 | 26 m 15 | 21 m 53 | 23 × 02 | 10310 | 17Ω40 | 28 m 07 | 23 m 21 | 24×100 | 11334 |
| | 14 <i>Ω</i> 47 | 24 m 15 | 21 m 35 | 22 ⋠ 58 | 10중15 | 16Ω01 | 26 m/09 | 23 m 05 | 23 ∡ 56 | 11중08 | 17Ω16 | 28 m/04 | 24 m 34 | 24 ₹ 54 | 12중00 |
| 50S | 14 N 21 | 24 m 05 | 22 m 53 | 23 ₹ 55 | 10중43 | 15 ຄ35 | 26 mg 03 | 24 m 24 | 24 ∡ 54 | 11중35 | 16Ω50 | 28 m/01 | 25 m 53 | 25 ₹ 51 | 12중27 |
| 51S | 13 \$\alpha 53 | 23 m 54 | 24 m 17 | 24×156 | 11211 | 15 № 08 | 25 m 56 | 25 m 48 | 25 ∡ 54 | 12云03 | 16Ω23 | 27 m 58 | 27 m 18 | 26×151 | 12855 |
| 52S 53S | 13 Ω23 12 Ω52 | 23 m/42 23 m/29 | 25 m.48 27 m.27 | 25 ₹ 59 27 ₹ 05 | 11중41 12중12 | 14Ω39 14Ω08 | 25 m/48 25 m/39 | 27 m.20 28 m.59 | 26 ₹ 56 28 ₹ 02 | 12중33 13중03 | 15 Ω 55 15 Ω 24 | 27 m 54 27 m 49 | 28 m.49 0 ∡ 28 | 27 ₹ 53 28 ₹ 58 | 13중25 13중55 |
| | 128132 $12\Omega18$ | 23 m 14 | 27 IL 27 29 TL 15 | 27×03 28×15 | 12 5 12 12 중 44 | 13 N 34 | 25 m 29 | 28 11L39 0 ₹ 46 | 28×102 29×11 | 13号03 13号35 | 138724 14£052 | 27 m 44 | 0 x 28 2 ₹ 15 | 28×38 0 궁 06 | 13で33 14 で 27 |
| 55S | 11 Ω 42 | 22 m 58 | 1 🗷 13 | 29×13 | 13중17 | 12.059 | 25 m 18 | 2 × 43 | 0중23 | 14309 | 14Ω17 | 27 mg 39 | 4×12 | 1중17 | 15중00 |
| | 118042 11004 | 22 m/ 38 | 3 ₹ 21 | 29x 28 | 13·817 13·853 | 128239 | 25 m 05 | 4 × 51 | 1중39 | 14844 | 13 239 | 27 m 32 | 6∡18 | 2 日 33 | 15~35 |
| 57S | 10⋒22 | 22 m 16 | 5 ₹ 42 | 2중06 | 14궁29 | 11 ຄ40 | 24 m 50 | 7 ₹ 10 | 2云59 | 15중20 | 12Ω59 | 27 m 25 | 8 ≉ 36 | 3ਰ51 | 16중11 |
| 58S | 9⋒38 | 21 m 50 | 8 🗷 16 | 3중31 | 15중08 | 10 ຄ 56 | 24 m 32 | 9 z 42 | 4중23 | 15859 | 12 \Omega 16 | 27 m 16 | 11 🗷 06 | 5중14 | 16349 |
| 598 | 8 N 50 | 21 m, 19 | 11 ₹ 05 | 5중01 | 15중49 | 10 € 09 | 24 m 12 | 12 ₹ 29 | 5중51 | 16중39 | 11 Ω 29 | 27 m, 05 | 13 ₹ 50 | 6중42 | 17궁29 |
| 60S | 7.057 | 20 m 41 | 14 🗷 11 | 6중35 | 16중32 | 9 0 17 | 23 m 46 | 15 × 32 | 7る25 | 17321 | 10Ω37 | 26 m 53 | 16×149 | 8중14 | 18중11 |
| 61S 62S | 7Ω00 5Ω58 | 19 m ₂ 55 18 m ₂ 57 | 17∡35 21∡18 | 8 궁 15 10 궁 01 | 17궁17 18궁04 | 8Ω21 7Ω19 | 23 m 15 22 m 36 | 18 ₹ 51 22 ₹ 28 | 9 궁 03 10 궁 47 | 18 궁 06 18 궁 53 | 9Ω42 8Ω41 | 26 m 37 26 m 17 | 20 ₹ 04 23 ₹ 36 | 9 궁 51 11 궁 33 | 18 궁 55 19 궁 42 |
| | 20620 | | | 10 5 01 11 궁 52 | 18 공 55 | 6Ω11 | 22 ng 36 21 ng 45 | 26 × 24 | 10 5 47 12 궁 37 | 19843 | 7.033 | 25 m 51 | 23 x 30 27 z 25 | 11 6 33 | 20331 |
| 035 | | 17 m 42 | 23 x' 21 | | | | | | | | | | | | |
| 63S 64S | 4Ω50 3Ω35 | 17 mg 42 16 mg 00 | 25 ₹21 29 ₹45 | 13중50 | 19궁48 | 4Ω56 | 20 mg 35 | 0중40 | 14궁32 | 20중36 | 6Ω19 | 25 mg 16 | 1332 | 15る15 | 21중23 |
| | 4£050 | | | | | 4Ω56 3Ω33 | 20 m, 35 18 m, 55 | 0중40 5중13 | 14궁32 16궁35 | 20중36 21중32 | 6Ω19 4Ω56 | 25 m, 16 24 m, 25 | 1중32 5중57 | 15중15 17중15 | 21 중 23 22 중 19 |
| 64S | 4Ω50 3Ω35 | 16 mg 00 | 29 ₹ 45 | 13중50 | 19중48 | | | | | | | | | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | Om AR 54'38 | MC: 12 | 0°00' | Sid.Tin MC: | | 4m AR 52'01 | MC: 12 | 21°00' | Sid.Tir MC: | | 8m AR 849'33 | RMC: 12 | 2°00' |
|------------|------------------------|-------------------|--------------------------|----------------------------------|----------------------------------|---------------------------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|--------------------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27 1 49 | 0₽00 | 2 m. 10 | 2 ₹ 05 | 0300 | 28£51 | 1 2 0 5 | 3 m. 13 | 3 ≉ 02 | 0중55 | 29 A 54 | 2 🕰 10 | 4m.15 | 3 ∡ 59 | 1공50 |
| 1S | 27Ω42 | 0 = 00 | 2 m 24 | 2 ₹ 24 | 0중11 | 28 № 45 | 1 2 0 5 | 3 m 27 | 3 ₹ 21 | 1중06 | 29⋒47 | 2₽11 | 4 m 29 | 4 ₹ 18 | 2중02 |
| 2S | 27Ω35 | 0 ₽ 00 | 2 m 38 | 2×142 | 0중23 | 28 A 38 | 1 2 06 | 3 m.41 | 3 ₹ 40 | 1318 | 29 Ω 41 | 2 2 12 | 4 m 44 | 4 ₹ 37 | 2중13 |
| 3S | 27 Ω 28 | 0 ₽ 00 | 2m.52 | 3×01 | 0중35 | 28 231 | 1 2 06 | 3 m 55 | 3 × 59 | 1중30 | 29 235 | 2 <u>△</u> 13 | 4m.59 | 4×156 | 2825 |
| 4S | 27Ω21 | 0 & 00 | 3 m 06 | 3 ₹ 20 | 0중47 | 28 A 24 | 1 ≏ 07 | 4m.10 | 4∡18 | 1342 | 29 A 28 | 2 2 14 | 5m.14 | 5 <i>≱</i> 16 | 237 |
| 5S | 27Ω14 | 0 ₽ 00 | 3 m. 20 | 3 ₹ 40 | 0중59 | 28 211 | 1 2 07 | 4 m 25 | 4×38 | 1354 | 29 2 2 1 | 2 <u>□</u> 15 | 5 m 29 | 5 × 35 | 2349 |
| 6S 7S | 27Ω07 27Ω00 | 0호00 0호00 | 3 m 35 3 m 50 | 3 ₹ 59 4 ₹ 19 | 1중11 1중23 | 28 A 11 | 1요08 1요08 | 4 m 40 4 m 55 | 4 ₹ 57 5 ₹ 17 | 2중06 | 29 A 15 | 2 <u>0</u> 16 2 <u>0</u> 17 | 5 m 44 | 5 \$\frac{7}{2} 55 6 \$\frac{7}{2} 15 | 3 ଟ 01 3 ଟ 13 |
| 8S | 26Ω53 | 0호00 | 4m.05 | 4×19 | 1836 | 288104 27.057 | 1 2 0 8 | 5 m 11 | 5 x 17 | 2중18 2중31 | 29 Ω 01 | 2 <u>2</u> 17 | 6m.00 6m.16 | 6×13 | 3 5 13 |
| 9S | 26 Ω 45 | 0 0 00 | 4m21 | 4 <i>≯</i> 58 | 1348 | 27 £ 50 | 1 2 09 | 5 m 26 | 5 z 57 | 2543 | 28254 | 2 - 10 | 6m.32 | 6 × 55 | 3538 |
| 10S | 26Ω38 | 0₽00 | 4m.36 | 5 <i>≱</i> 19 | 2중00 | 27 Ω 42 | 1 △ 10 | 5 m. 43 | 6 <i>≵</i> 17 | 2855 | 28 \Omega 47 | 2 2 20 | 6m.49 | 7 <i>≱</i> 15 | 3중50 |
| 11S | 26Ω31 | 0 ₾ 00 | 4 m 52 | 5×139 | 2 3 12 | 27 £ 35 | 1 ≗ 10 | 5 m 59 | 6 <i>x</i> 38 | 3 중 07 | 28240 | 2 2 2 2 1 | 7m.05 | 7×13 | 4 공 02 |
| 12S | 26Ω23 | 0₽00 | 5 m 09 | 6 ₹ 00 | 2ਰ25 | 27 Ω28 | 1 | 6m.16 | 6 ₹ 58 | 3ਰ20 | 28£33 | 2 | 7 m 23 | 7×757 | 4ਰ15 |
| 13S | 26Ω15 | 0₽00 | 5 m 25 | 6₹21 | 2337 | 27 Q 20 | 1 2 11 | 6m33 | 7 ∡ 19 | 3₹32 | 28⋒26 | 2 ≏ 23 | 7m40 | 8 ₹ 18 | 4중27 |
| 14S | 26£07 | 0 ჲ 00 | 5 m 43 | 6 ≉ 42 | 2궁50 | 27 a 13 | 1 | 6m.50 | 7 . 741 | 3ਰ45 | 28 A 18 | 2 ≏ 24 | 7m.58 | 8 ₹ 39 | 4중40 |
| 15S | 25 259 | 0₽00 | 6m.00 | 7 ≉ 03 | 3号03 | 27Ω05 | 1 | 7 m 08 | 8 ₮ 02 | 3ਰ57 | 28⋒11 | 2 🕰 25 | 8m.16 | 9∡01 | 4궁52 |
| 16S | 25Ω51 | 0 ₽ 00 | 6m.18 | 7 <i>≯</i> 25 | 3중15 | 26 N 57 | 1 | 7 m 27 | 8 ₹ 24 | 4궁10 | 28£03 | 2 2 26 | 8m.35 | 9 🗷 23 | 5정05 |
| 17S | 25 \O 43 | 0 ₽ 00 | 6m.36 | 7 🗷 47 | 3 공 28 | 26 \Q 49 | 1 2 13 | 7 m 45 | 8 🗷 47 | 4323 | 27.0.47 | 2 <u>2</u> 27 | 8m.54 | 9 🗷 46 | 5중18 |
| 18S 19S | 25 Ω35 25 Ω26 | 0호00 0호00 | 6m.55 7m.14 | 8 ₹ 10 8 ₹ 33 | 3 공 41 3 공 55 | 26 Ω 41 26 Ω 33 | 1 <u>⊕</u> 14 1 <u>⊕</u> 15 | 8 m. 05 8 m. 24 | 9 ₹ 09 9 ₹ 32 | 4 3 36 4 3 49 | 27Ω47 27Ω39 | 2 <u>0</u> 28 2 <u>0</u> 30 | 9m.14 9m.34 | 10 ₹ 08 10 ₹ 31 | 5 공 31 5 공 44 |
| | | | | | | | | | | | | | | | |
| 20S 21S | 25 Ω 18 25 Ω 09 | 0호00 0호00 | 7 m 34 7 m 55 | 8 ₹ 56 9 ₹ 20 | 4정08 4정21 | 26Ω24 26Ω16 | 1 ≏ 15 | 8 m. 45 9 m. 06 | 9∡56 10∡20 | 5 3 03 | 27Ω31 27Ω23 | 2 <u>⊕</u> 31 2 <u>⊕</u> 32 | 9 m 55 10 m 16 | 10 🗷 55 11 🗷 19 | 5 궁 57 6 궁 11 |
| 21S 22S | $\frac{258109}{25000}$ | 0판00 | 8 m 16 | 9×120 | 4 5 21 4 3 35 | 26Ω07 | 1 2 10 | 9 m 27 | 10 x 20 10 x 44 | 5중30 | 278123 $27\Omega14$ | 2 <u>2</u> 32 | 10 m 38 | 11 × 19 | 6 중 24 |
| 23S | 24 \$\alpha 51 | 0₽00 | 8m.37 | 10 \$7 09 | 4 공 49 | 25 £ 58 | 1 - 17 | 9 m 49 | 11 7 09 | 5중44 | 27 205 | 2-35 | 11 m 01 | 12 🗷 08 | 6중38 |
| 24S | 24 N 41 | 0 ₽ 00 | 8 m 59 | 10 ≉ 34 | 5렁03 | 25 ⋒49 | 1 🕰 18 | 10 m 12 | 11 ≉ 34 | 5중58 | 26⋒56 | 2 🕰 37 | 11 m 24 | 12 ₹ 33 | 6중52 |
| 25S | 24 231 | 0 ₽ 00 | 9 m 22 | 11 ₹ 00 | 5ਰ17 | 25 ຄ39 | 1 ≏ 19 | 10 m 35 | 12 ₹ 00 | 6중12 | 26Ω47 | 2₽38 | 11 m.48 | 12 ₹ 59 | 7중06 |
| 26S | 24 \Omega 22 | 0₽00 | 9m46 | 11 ≉ 26 | 5중32 | 25 ⋒30 | 1 20 | 11 m 00 | 12 ∡ 26 | 6궁26 | 26⋒38 | 2 🕰 40 | 12 m 13 | 13 ₹ 25 | 7ਰ21 |
| 27S | 24Ω11 | 0 ₽ 00 | 10m.11 | 11 ₹ 53 | 5ਰ47 | 25 Ω 20 | 1 20 | 11 m 25 | 12 ₹ 53 | 6ਰ41 | 26⋒28 | 2 △ 41 | 12m38 | 13 × 52 | 7중36 |
| 28S | 24 \(\O 01 \) | 0 ₽ 00 | 10m.36 | 12 7 20 | 6중02 | 25 \Omega 10 | 1 221 | 11 m.51 | 13 🗷 20 | 6중56 | 26 2 18 | 2 <u>△</u> 43 | 13 m 05 | 14 7 20 | 7중50 |
| 29S | 23 \$\alpha 50 | 0亚00 | 11 m 03 | 12 ₹ 49 | 6중17 | 24 \Omega 59 | 1 ♣ 22 | 12 m 18 | 13 ₹ 48 | 7중11 | 26A08 | 2 ≙ 45 | 13 m.32 | 14 ₹ 48 | 8중06 |
| 30S | 23 \Quad 39 | 0 ₽ 00 | 11 m. 30 | 13 🗷 17 | 6중33 | 24 \(\O 48 \) | 1 23 | 12 m. 46 | 14 🗷 17 | 7327 | 25 A 58 | 2 <u>0</u> 46 | 14m.01 | 15 7 17 | 8중21 |
| 31S 32S | 23 Ω28 23 Ω16 | 0호00 0호00 | 11 m 59 12 m 28 | 13 ₹ 47 14 ₹ 17 | 6 궁 48 7 궁 05 | 24Ω37 24Ω26 | 1 <u>24</u> 1 <u>25</u> | 13 m 15 13 m 45 | 14 ∡ 47 15 ∡ 17 | 7 3 43 7 3 59 | 25 Ω 47 25 Ω 36 | 2 <u>⊕</u> 48 2 <u>⊕</u> 50 | 14m30 15m01 | 15 x 46 16 x 17 | 8 云 37 8 云 53 |
| 33S | 23 Ω 04 | 0 <u>0</u> 00 | 12 m 59 | 14 🗷 48 | 7 3 03 | 24Ω14 | 1 26 | 14 m 16 | 15×17 | 8중15 | 25 Ω 24 | 2 - 52 | 15 m 33 | 16 🗷 48 | 9중09 |
| 34S | 22 N 52 | 0 ₽ 00 | 13 m.32 | 15 ₹ 21 | 7중38 | 24 & 02 | 1 ≏ 27 | 14 11.49 | 16∡20 | 8중32 | 25 ₪ 13 | 2 🕰 55 | 16m.06 | 17 ∡ 20 | 9궁26 |
| 35S | 22ຄ39 | 0 ₽ 00 | 14 m 05 | 15 ₹ 54 | 7중55 | 23 & 49 | 1 | 15 m.23 | 16∡53 | 8중49 | 25 200 | 2₽57 | 16m41 | 17 ₹ 53 | 9정43 |
| 36S | 22 N 26 | 0 ₽ 00 | 14 m.40 | 16∡27 | 8물13 | 23 ⋒36 | 1 ₾ 29 | 15 m 59 | 17 <i>≭</i> 27 | 9る07 | 24⋒48 | 2 🕰 59 | 17m.17 | 18 ₹ 26 | 10중01 |
| 37S | 22 \Omega 12 | 0 ₽ 00 | 15 m 17 | 17 ₹ 02 | 8중31 | 23 №23 | 1 2 31 | 16m37 | 18 ₹ 02 | 9중25 | 24 235 | 3 △ 02 | 17m.55 | 19 🗷 01 | 10중18 |
| 38S | 21 0.42 | 0 ₽ 00 | 15 m 56 | 17 🗷 39 | 8중49 | 23 \O O O O O O O | 1 2 3 2 | 17m.16 | 18 🗷 38 | 9843 | | 3 △ 05 | 18m.35 | | 10궁37 |
| 39S | 21 A 43 | 0亚00 | 16m37 | 18∡16 | 9 궁 08 | 22 Ω 54 | 1 ≏ 33 | 17 m 57 | 19∡15 | 10중02 | 24 207 | 3 ₾ 07 | 19m.17 | 20 ∡ 14 | 10궁56 |
| 40S | 21 227 | 0 ₽ 00 | 17m20 | 18 🗷 54 | 9중28 | 22.039 | 1 2 3 5 | 18m.41 | 19 🗷 54 | 10중21 | 23 0 52 | 3 ₾ 10 | 20m.01 | 20 🗷 53 | 11공15 |
| 41S 42S | 21 Ω 11 20 Ω 54 | 0호00 0호00 | 18m.05 18m.53 | 19 ₹ 34 20 ₹ 15 | 9 궁 48 10 궁 09 | 22 \Omega 24 22 \Omega 07 | 1 <u>⊕</u> 37 1 <u>⊕</u> 38 | 19 m. 27 20 m. 15 | 20 ₹33 21 ₹14 | 10중41 11중02 | 23 \Quad 37 23 \Quad \Quad 21 | 3 <u>⊕</u> 14 3 <u>⊕</u> 17 | 20 m. 47 21 m. 36 | 21 🗷 32 22 🗷 13 | 11중35 11중55 |
| 43S | 20 Ω 37 | 0 <u>0</u> 00 | 19 m. 43 | 20×13 | 10명30 | 21 \Omega 50 | 1 2 40 | 21 m 06 | 21 🗷 57 | 11802 | 23 & 04 | 3 2 21 | 22 m 27 | 22 × 15 | 12중16 |
| 44S | 20Ω18 | 0₽00 | 20 m 37 | 21 🗷 43 | 10궁52 | 21 & 32 | 1 <u>□</u> 42 | 22 m 00 | 22 ₹ 41 | 11345 | 22 \Omega 46 | 3 ₾ 25 | 23 m 22 | 23 ₹ 39 | 12중38 |
| 45S | 19Ω59 | 0호00 | 21 m 33 | 22 ₹ 29 | 11궁14 | 21 & 13 | 1 ≙ 44 | 22 m 57 | 23 ∡ 27 | 12중07 | 22 \Omega 28 | 3 ₾ 29 | 24 m 20 | 24 ₹ 25 | 13중00 |
| 46S | 19 239 | 0 ₽ 00 | 22 m 34 | 23×16 | 11338 | 20 \$253 | 1 2 46 | 23 m 58 | 24×14 | 12831 | 22 208 | 3 ₾ 33 | 25 m 21 | 25 × 12 | 13 중 23 |
| 47S | 19Ω17 | 0 = 00 | 23 m 38 | 24 ≉ 06 | 12る02 | 20 ⋒33 | 1 ≙ 49 | 25 m 03 | 25 ≉ 04 | 12중54 | 21 ຄ48 | 3 ₾ 38 | 26m26 | 26 ₮ 01 | 13중47 |
| 48S | 18255 | 0 ₽ 00 | 24m47 | 24 × 58 | 12중27 | 20Ω11 | 1 2 52 | 26 m 12 | 25 ₹ 55 | 13819 | 21 227 | 3 <u>△</u> 44 | 27m36 | 26 × 52 | 14중12 |
| 49S | 18£31 | 0 & 00 | 26m01 | 25 ₹ 52 | 12중53 | 19Ω47 | 1 ≏ 55 | 27 m.26 | 26 ₹ 49 | 13중45 | 21 204 | 3 ₾ 50 | 28 m 50 | 27 ∡ 45 | 14중37 |
| 50S | 18Ω06 | 0 ₽ 00 | 27 m 20 | 26 ₹ 48 | 13중20 | 19 A 23 | 1 2 58 | 28 m 45 | 27×145 | 14312 | 20 \Q 40 | 3 ≏ 56 | 0 7 09 | 28 × 41 | 15중04 |
| 51S | 17Ω40 | 0 2 00 | 28m45 | 27 🗷 47 | 13347 | 18.057 | 2 2 0 1 | 0 × 10 | 28 🗷 43 | 14339 | 20 \Q 15 | 4 <u>0</u> 03 | 1 🗷 34 | 29 🗷 39 | 15831 |
| 52S 53S | 17Ω12 16Ω42 | 0호00 0호00 | 0∡16 1∡55 | 28 ₹ 49 29 ₹ 53 | 14궁16 14궁47 | 18Ω29 18Ω00 | 2 <u>0</u> 05 2 <u>0</u> 10 | 1 ∡ 42 3 ∡ 20 | 29∡44 0♂48 | 15 군 08 | 19Ω47 19Ω19 | 4요11 4요20 | 3 ₹ 05 4 ₹ 43 | 0중39 1중42 | 16 궁 00 16 궁 29 |
| 54S | 16 <i>Ω</i> 10 | 0판00 | 1 x· 33 3 ∡ 42 | 1중01 | 15중18 | 17 N 28 | 2 € 10 | 5 x 20 5 x 06 | 1공55 | 16중09 | 18Ω48 | 4 <u>2</u> 20 | 6×29 | 2 3 48 | 10829 17 8 00 |
| 55S | 15Ω35 | 0₽00 | 5 ₹ 37 | 2중11 | 15ਰ51 | 16Ω55 | 2 € 20 | 7∡01 | 3중05 | 16342 | 18£15 | 4 <u>₽</u> 41 | 8 × 23 | 3중58 | 17중32 |
| 56S | 14Ω58 | 0판00 | 7 ₹ 43 | 3 3 26 | 16중25 | 16Ω18 | 2 <u>=</u> 20 | 9 × 05 | 4정18 | 17316 | 17Ω39 | 4 <u>2</u> 41 | 10 ₹ 26 | 5중10 | 18306 |
| 57S | 14Ω19 | 0호00 | 9 ₹ 59 | 4중44 | 17중01 | 15 A 39 | 2 △ 34 | 11 ₹ 20 | 5중35 | 17공51 | 17Ω01 | 5 ₾ 09 | 12 ₹ 39 | 6궁26 | 18중42 |
| 58S | 13 Q 36 | 0ლ00 | 12∡27 | 6중06 | 17궁39 | 14 <i>Ω</i> 57 | 2 ≏ 43 | 13 ∡ 46 | 6궁56 | 18궁29 | 16Ω19 | 5 ≙ 27 | 15 ₹ 03 | 7 3 46 | 19궁19 |
| 59S | 12Ω50 | 0ჲ00 | 15∡09 | 7중32 | 18중18 | 14Ω11 | 2 ≏ 54 | 16 ₹ 25 | 8중21 | 19중08 | 15 A 34 | 5 ≙ 47 | 17∡38 | 9궁10 | 19궁57 |
| 60S | 11Ω59 | 0₽00 | 18 🗷 04 | 9궁02 | 19궁00 | 13 & 22 | 3 ₾ 06 | 19 ∡ 17 | 9 궁 51 | 19궁49 | 14Ω45 | 6₽13 | 20 ∡ 27 | 10중38 | 20중38 |
| 61S | 11 Ω 04 | 0 ₽ 00 | 21 🗷 15 | 10중38 | 19344 | 12 \O 27 | 3 <u>□</u> 22 | 22 🗷 23 | 11325 | 20중32 | 13 0 52 | 6 <u>0</u> 44 | 23 🗷 29 | 12311 | 21321 |
| 62S | 10Ω03 | 0 c 00 | 24×141 | 12 궁 19 | 20중30 | 11 \O 27 | 3 <u>₽</u> 42 | 25 🗷 44 | 13 궁 04 | 21318 | 12.053 | 7 2 3 | 26×145 | 13 る 49 | 22중06 |
| 63S 64S | 8 N 57 7 N 43 | 0호00 0호00 | 28 ₹24 2 3 24 | 14궁05 15궁57 | 21중19 22중11 | 10 Ω 21 9 Ω 08 | 4요08 4요43 | 29∡21 3♂14 | 14궁48 16궁38 | 22 궁 07 22 궁 58 | 11Ω47 10Ω35 | 8 <u>요</u> 14 9 <u>요</u> 24 | 0중16 4중02 | 15 る 31 17 る 19 | 22중54 23중45 |
| 65S | 6Ω21 | 0200 | 6 공 40 | 17 공 55 | 23 중 05 | 7Ω47 | 5 2 34 | 7 중 22 | 18중34 | 23352 | 9Ω14 | 11 <u>0</u> 04 | 8중03 | 19중13 | 24338 |
| 66S | 4Ω49 | 0 2 00 | 11중11 | 17 5 33 | 23 5 03 24 중 04 | 6Ω16 | 5 <u>2</u> 254 | 11344 | 20중36 | 23 6 32 24 중 50 | 7Ω44 | 13 € 41 | 12중16 | 21313 | 24 5 38 |
| pc | 3 N 53 | 0 ₾ 00 | 13 공 48 | 21중11 | 24 공 38 | 5 N 20 | 8 ≏ 05 | 14중16 | 20 3 30 21 3 47 | 25~30 | 6Ω48 | 15 ≘ 41 | 14344 | 22323 | 26중09 |
| _ | | | | ecliptic of | | | | | | | | | ! | ļ. | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | 2m AR 7'14 | CMC: 12 | 3°00' | Sid.Tir MC: | | 6m AR 5'05 | MC: 12 | 24°00' | Sid.Tir MC: | ne: 8h20 2 <i>Ω</i> 4 | 0m AR 3'04 | CMC: 12 | 25°00' |
|--------------|---|--------------------------------|--------------------|----------------------------------|----------------------------------|------------------------------|--|---|----------------------------------|--|-------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0 m ₂ 57 | 3 ₾ 16 | 5m.17 | 4 <i>≯</i> 156 | 2345 | 2 m/00 | 4 <u>₽</u> 21 | 6m.19 | 5 <i>≱</i> 53 | 3중40 | 3 m 03 | 5 2 26 | 7m.21 | 6 <i>≱</i> 150 | 4중35 |
| 1S | 0 mg 51 | 3 ≏ 17 | 5m32 | 5 ₹ 15 | 2중57 | 1 m, 54 | 4₽23 | 6m34 | 6∡12 | 3중52 | 2 m, 57 | 5 ≏ 28 | 7m36 | 7∡109 | 4중47 |
| 2S | 0 mg 44 | 3 ₾ 18 | 5m.47 | 5 ~ 34 | 3중09 | 1 m/48 | 4 <u>2</u> 24 | 6m49 | 6×32 | 4304 | 2 m 51 | 5 € 31 | 7 m 52 | 7×29 | 4중59 |
| 3S 4S | 0 mg 38 0 mg 32 | 3 <u>₽</u> 20 | 6m.02 6m.17 | 5 ₹ 54 6 ₹ 13 | 3중20 3중32 | 1 m, 42 1 m, 35 | 4 <u>₽</u> 26 4 <u>₽</u> 28 | 7 m 05 7 m 20 | 6∡51 7∡11 | 4중16 4중27 | 2 m/45 2 m/39 | 5 <u>⊕</u> 33 | 8m.07 8m.23 | 7 ₹ 48 8 ₹ 08 | 5중11 5중22 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 0 mg 25 0 mg 19 | 3 <u>∞</u> 22 3 <u>∞</u> 24 | 6m.33 6m.48 | 6 ₹ 33 6 ₹ 53 | 3 공 44 3 공 56 | 1 m/29 1 m/23 | 4 <u>0</u> 30 4 <u>0</u> 32 | 7 m 36 7 m 52 | 7 ₹ 30 7 ₹ 50 | 4 3 39 4 3 51 | 2 m/ 33 2 m/ 27 | 5 <u>⊶</u> 37 5 <u>⊶</u> 40 | 8 m. 40 8 m. 56 | 8 ₹ 28 8 ₹ 47 | 5 공 34 |
| 7S | 0 mg 12 | 3 <u>□</u> 25 | 7m.04 | 7 ₹ 13 | 4궁08 | 1 mg 17 | 4 <u>0</u> 34 | 8 m . 09 | 8 × 10 | 5중03 | 2 m/ 21 | 5 - 42 | 9m.13 | 9 🗷 08 | 5 3 58 |
| 8S | 0 mg 06 | 3 ₾ 27 | 7m.21 | 7 <i>≱</i> 133 | 4중21 | 1 m/ 10 | 4₽36 | 8 m 25 | 8 ₹ 30 | 5ਰ15 | 2 m/ 15 | 5 △ 44 | 9m30 | 9 ₹ 28 | 6310 |
| 9S | 29 259 | 3 ₾ 28 | 7m37 | 7 <i>≱</i> 53 | 4중33 | 1 mg 04 | 4 ≏ 38 | 8 ML 42 | 8 ∡ 51 | 5중28 | 2 m, 09 | 5 ≙ 47 | 9m47 | 9 ₹ 48 | 6중23 |
| 10S | 29 A 52 | 3 ₾ 30 | 7 m 54 | 8 ₹ 13 | 4중45 | 0 m, 57 | 4 ≙ 40 | 9 M 00 | 9 ∡ 11 | 5중40 | 2 m, 02 | 5 ≙ 49 | 10m.05 | 10 ₮ 09 | 6중35 |
| 118 | 29 245 | 3 ₾ 31 | 8m.11 | 8 × 34 | 4정57 | 0 m 50 | 4 <u>0</u> 42 | 9m.17 | 9 🗷 32 | 5중52 | 1 m 56 | 5 2 52 | 10 m 23 | 10 🗷 30 | 6347 |
| 12S 13S | 29 \Omega 38 29 \Omega 31 | 3 <u>0</u> 33 | 8 m. 29 8 m. 47 | 8 ₹ 55 9 ₹ 16 | 5 전 09 5 전 22 | 0 m/44 0 m/37 | 4요44 4요46 | 9 m 35 9 m 53 | 9 ₹ 53 10 ₹ 15 | 6 3 04 6 3 17 | 1 mp 49 1 mp 43 | 5 ≙ 55 | 10m.41 11m.00 | 10∡51 11∡13 | 6 궁 59 |
| 14S | 29 Ω 24 | 3 € 36 | 9m05 | 9 ₹ 18 | 5 3 34 | 0 mg 30 | 4 <u>₽</u> 48 | 10 m 12 | 10×13 | 6 3 29 | 1 m/ 36 | 6 <u>0</u> 00 | 11 m 19 | 11 x 13 | 7312 7324 |
| 15S | 29 Ω 17 | 3 ₾ 38 | 9m.24 | 10 🗷 00 | 5ਰ47 | 0 m 23 | 4≗50 | 10 m. 31 | 10∡58 | 6중42 | 1 m 29 | 6₽03 | 11 m. 38 | 11 ~ 56 | 7 ප 37 |
| 16S | $29\Omega 09$ | 3 € 39 | 9 m 43 | 10 x 00 | 6중00 | 0 mg 16 | 4≗50 | 10 m 51 | 11 🗷 20 | 6중55 | 1 m 22 | 6206 | 11 m 58 | 11 x 30 | 7정49 |
| 17S | 29 202 | 3 △ 41 | 10 m 03 | 10∡44 | 6ਰ13 | 0 mg 08 | 4≗55 | 11 m. 11 | 11 🗷 43 | 7중07 | 1 mg 15 | 6₽09 | 12m.19 | 12 ₹ 41 | 8중02 |
| 18S | 28Ω54 | 3 △ 43 | 10m23 | 11 ≯ 07 | 6중26 | 0 mg 01 | 4≗57 | 11 m 31 | 12 ₹ 06 | 7궁20 | 1 mg 08 | 6 ₽ 12 | 12m39 | 13 द 04 | 8중15 |
| 198 | 28 N 46 | 3 ₾ 45 | 10m.43 | 11 ∡ 30 | 6중39 | 29 ຄ 53 | 5 🖴 00 | 11 m 52 | 12 ₹ 29 | 7중33 | 1 mg 01 | 6₽15 | 13 m 01 | 13 ₹27 | 8중28 |
| 20S | 28£38 | 3 ≏ 47 | 11 m 05 | 11 ∡ 54 | 6궁52 | 29 ₪ 46 | 5 🖴 02 | 12 m 14 | 12 ₹ 52 | 7중47 | 0 mg 53 | 6 ≏ 18 | 13 m 23 | 13 ₹ 51 | 8중41 |
| 218 | 28 230 | 3 <u>0</u> 49 | 11 m. 26 | 12×18 | 7 3 05 | 29 238 | 5 <u>0</u> 05 | 12 m 36 | 13 \$7 16 | 8중00 | 0 m 46 | 6 <u>0</u> 21 | 13 m 45 | 14 🗷 15 | 8 궁 55 |
| 22S 23S | 28Ω22 28Ω13 | 3 <u>₽</u> 51 | 11 m.49 12 m.12 | 12 ₹ 42 13 ₹ 07 | 7 궁 19 7 궁 33 | 29 \Quad 30 29 \Quad 21 | 5 ⊕ 08 | 12 m 59 13 m 22 | 13 ∡ 41 14 ∡ 06 | 8중14 8중27 | 0 mg 38 0 mg 30 | 6 <u>⊕</u> 25 | 14m.09 14m.32 | 14 ∡ 39 15 ∡ 04 | 9 3 08 9 3 22 |
| 24S | 28Ω05 | 3 - 55 | 12 m 35 | 13 🗷 32 | 7 3 3 | 29 & 13 | 5 □ 13 | 13 m. 46 | 14 \$\sigma 31 | 8 3 27 | 0 m/ 22 | 6-232 | 14 m 57 | 15 🗷 30 | 9중36 |
| 25S | 27Ω56 | 3 2 57 | 13 m 00 | 13 ₹ 58 | 8중01 | 29 ຄ 04 | 5 2 16 | 14 11 11 | 14 <i>×</i> 157 | 8중55 | 0 mp 13 | 6₽35 | 15 m. 22 | 15 <i>≵</i> 55 | 9 ට 50 |
| 26S | 27 Ω 47 | 4 <u>0</u> 00 | 13 m 25 | 14×24 | 8중15 | 28255 | 5 € 20 | 14 m 37 | 15 🗷 23 | 9중10 | 0 mg 05 | 6₽39 | 15 m 48 | 16 × 22 | 10중04 |
| 27S | 27Ω37 | 4 🕰 02 | 13 m.51 | 14∡151 | 8중30 | 28 № 46 | 5 2 3 | 15 m 03 | 15≉50 | 9중24 | 29 A 56 | 6 ≙ 43 | 16m.15 | 16 ₹ 49 | 10중18 |
| 288 | 27 Ω 28 | 4≗05 | 14m.18 | 15 🗷 19 | 8345 | 28 A 37 | 5 <u>0</u> 26 | 15 m 31 | 16 7 18 | 9중39 | 29 247 | 6₽48 | 16m.43 | 17 <i>≱</i> 16 | 10중33 |
| 29S | 27Ω18 | 4≗07 | 14m46 | 15 ₹ 47 | 9중00 | 28 A 27 | 5 ≏ 30 | 15 m 59 | 16∡46 | 9정54 | 29£37 | 6₽52 | 17m.12 | 17 ₹ 44 | 10중48 |
| 30S | 27 0.07 | 4 <u>₽</u> 10 | 15 m. 15 | 16 7 16 | 9중15 | 28 20 18 | 5 △ 33 | 16m.28 | 17 🗷 15 | 10궁09 | 29 228 | 6 € 56 | 17m.42 | 18 🗷 13 | 11중03 |
| 31S 32S | 26Ω57 26Ω46 | 4 <u>요</u> 13 4 <u>요</u> 16 | 15 m 45 16 m 16 | 16∡45 17∡16 | 9 궁 31 9 궁 47 | 28 \Omega 07 27 \Omega 57 | 5 ≗ 37 5 ≗ 41 | 16m.59 17m.31 | 17 ₹ 44 18 ₹ 15 | 10중25 10중41 | 29 A 18 | 7요01 7요06 | 18 m. 12 18 m. 45 | 18 ₹ 43 19 ₹ 13 | 11 る 19 11 る 35 |
| 33S | $26 \Omega 35$ | 4 <u>₽</u> 10 | 16m.49 | 17×10 | 10중03 | 27 Ω 46 | 5 ≗ 45 | 18m.04 | 18×13 | 10공1 | 28£57 | 7 ⊆ 00 | 19 m 18 | 19 🗷 44 | 11공51 |
| 34S | 26Ω24 | 4₽22 | 17m22 | 18 ₹ 19 | 10궁20 | 27 A 35 | 5 △ 49 | 18m.38 | 19 <i>≱</i> 17 | 11궁14 | 28 N 47 | 7 ≏ 17 | 19m.53 | 20 ₮ 16 | 12ਰ07 |
| 35S | 26Ω12 | 4₽26 | 17m.58 | 18 ∡ 52 | 10중37 | 27 A 23 | 5 ≏ 54 | 19 11 14 | 19∡50 | 11331 | 28ຄ35 | 7₽22 | 20m29 | 20 ∡ 48 | 12324 |
| 36S | 25⋒59 | 4 🕰 29 | 18m.34 | 19∡25 | 10궁54 | 27£11 | 5 ≙ 59 | 19 m 51 | 20 ≉ 24 | 11중48 | 28⋒24 | 7 ≏ 28 | 21 m 06 | 21 ₹ 22 | 12ਰ41 |
| 37S | 25 Ω 47 | 4 <u>0</u> 33 | 19 m 13 | 20 🗷 00 | 11중12 | 26259 | 6₽04 | 20 m 30 | 20 🗷 59 | 12306 | 28 12 | 7 ≏ 35 | 21 m.46 | 21 🗷 57 | 12중59 |
| 38S 39S | 25 Ω33 25 Ω19 | 4 <u>0</u> 3/ | 19 m.53 20 m.36 | 20 ₹ 36 21 ₹ 13 | | 26 £146 26 £133 | 6 ♀ 09 | | | 12324 | 27£159 27£146 | 7 <u>₽</u> 41 7 <u>₽</u> 48 | 22 m 27 23 m 10 | 22 ₹ 32 23 ₹ 09 | 13 さ 17 13 さ 36 |
| | | | | | 11349 | l . | | 21 m 53 | 22 🗷 11 | 12342 | | | | | |
| 40S 41S | 25 Ω 05 24 Ω 50 | 4 <u>0</u> 46 4 <u>0</u> 51 | 21 m.20 22 m.07 | 21 ₹ 51 22 ₹ 30 | 12중08 12중28 | 26Ω19 26Ω04 | 6 ≗ 21 | 22 m 38 23 m 25 | 22 ∡ 49 23 ∡ 28 | 13중01 13중21 | 27Ω32 27Ω18 | 7 ≏ 56 8 ≏ 04 | 23 m.55 24 m.43 | 23 ∡ 47 24 ∡ 26 | 13 궁 55 14 궁 14 |
| 42S | 24 <i>α</i> 34 | 4 <u>2</u> 51 | 22 m 56 | 22 × 30 23 × 11 | 12·328 12·348 | 25 Ω 49 | 6≗34 | 24 m 15 | 24×209 | 13821 | 27 Ω 04 | 8 ≗ 04 | 25 m 33 | 25 × 06 | 14834 |
| 43S | 24Ω18 | 5≗01 | 23 m 48 | 23 ₹ 53 | 13중09 | 25 A 33 | 6 ≙ 41 | 25 m 07 | 24×51 | 14중02 | 26Ω48 | 8₽21 | 26m25 | 25 ₹ 48 | 14855 |
| 44S | 24 <i>Q</i> 01 | 5≗07 | 24 m 43 | 24 ∡ 37 | 13ਰ31 | 25 A 16 | 6 ≏ 49 | 26 m 02 | 25 ₮ 34 | 14중23 | 26⋒32 | 8മ31 | 27m21 | 26 ₮ 31 | 15중16 |
| 45S | 23 ⋒43 | 5 🕰 13 | 25 m.41 | 25 ₹ 22 | 13중53 | 24 û 59 | 6₽58 | 27 m 01 | 26 ₮ 19 | 14중45 | 26 A 15 | 8 ≏ 42 | 28 m 20 | 27 ≉ 16 | 15중38 |
| 46S | 23 \O 24 | 5 2 2 0 | 26m42 | 26×109 | 14316 | 24 \Q40 | 7 2 07 | 28 m 03 | 27×106 | 15중08 | 25 257 | 8 ≏ 53 | 29 m 22 | 28 🗷 02 | 16중00 |
| 47S 48S | 23 Ω 04 22 Ω 43 | 5 <u>0</u> 28 5 <u>0</u> 36 | 27 m.48 28 m.57 | 26 ₹ 58 27 ₹ 49 | 14중39 | 24 \Q 21 24 \Q 01 | 7 ≗ 16 7 ≗ 27 | 29 m.08 0∡18 | 27 ₹ 54 28 ₹ 45 | 15중32 15중56 | 25 \Omega 38 25 \Omega 18 | 9 요 05 | 0 ∡ 27 1 ∡ 37 | 28 ∡ 50 29 ∡ 40 | 16 궁 24 |
| 485 49S | 22 <i>δ</i> (43 22 <i>δ</i> (21 22 <i>δ</i> | 5 <u>4</u> 44 | 2811L37 0∡12 | 27×149 28×141 | 15 궁 04 15 궁 29 | 23 N 39 | 7 <u>1</u> 2 7 1 2 7 2 3 9 | 0 × 18 1 × 32 | 28 x 43 29 x 37 | 15 6 36 16 る 21 | 258118 24£057 | 9 <u>118</u> | 2 × 51 | 29×140 0중32 | 10548 17 중 13 |
| 50S | 21 Ω 58 | 5 2 54 | 1 ₹ 31 | 29 🗷 36 | 15중55 | 23 \alpha 16 | 7 - 52 | 2 ₹ 51 | 0중31 | 16347 | 24 \Omega 35 | 9 - 49 | 4×10 | 1중26 | 17 3 13 |
| 51S | 210033 | 6 <u>0</u> 05 | 2 ₹ 56 | 29×30 | 16중23 | 22 252 | 8 <u>₽</u> 06 | 2x·31 4∡16 | 1중28 | 17314 | 248 <i>t</i> 33 | 10 ₽ 06 | 5 ₹ 35 | 2 3 22 | 18중05 |
| 52S | 21 206 | 6-217 | 4 ₹ 27 | 1중34 | 16공51 | 22 \Omega 26 | 8 2 1 | 5 ₹ 47 | 2중28 | 17842 | 23 \$\alpha 46 | 10 26 | 7 ₹ 05 | 3중21 | 18중33 |
| 53S | 20Ω38 | 6₽30 | 6 ≯ 04 | 2중36 | 17궁20 | 21 258 | 8 ₾ 39 | 7 <i>≯</i> 124 | 3중29 | 18811 | 23 & 19 | 10 ₾ 48 | 8 <i>≯</i> 141 | 4궁22 | 19중02 |
| 54S | 20 A 08 | 6 ≗ 45 | 7 . ₹49 | 3ਰ41 | 17ਰ51 | 21 229 | 8₽59 | 9∡08 | 4중34 | 18중42 | 22 2 50 | 11 ₾ 12 | 10 ₹ 24 | 5중26 | 19중32 |
| 55S | 19£36 | 7≗01 | 9 🗷 42 | 4궁50 | 18823 | 20 û 57 | 9 2 21 | 11 🗷 00 | 5정42 | 19314 | 22 \Omega 20 | 11 △ 40 | 12 🗷 15 | 6중33 | 20중04 |
| 56S | 19Ω01 18Ω23 | 7 <u>0</u> 21 | 11 × 44 | 6 궁 02 | 18 궁 57 19 궁 31 | 20 Ω23 19 Ω46 | 9 <u>₽</u> 47 | 13×100 | 6 궁 53 8 궁 07 | 19중47 20중21 | 21 0 10 | 12 <u>0</u> 11 | 14 × 14 | 7 당 43 8 당 56 | 20중37 21중11 |
| 57S 58S | 188123 17Ω42 | 7요43 8요09 | 13 ₹ 55 16 ₹ 17 | 7중17 8중36 | 19 중 31 20 중 08 | 198146 19806 | 10 ⊆ 16 | 15 ∡ 09 17 ∡ 29 | 8 5 07 9 3 25 | 20 3 21 20 3 58 | 21 Ω 10 20 Ω 31 | 12 <u>⊕</u> 48 13 <u>⊕</u> 30 | 16 ₹ 22 18 ₹ 39 | 8 6 56 | 21중11 21중47 |
| 59S | 16Ω58 | 8 교 40 | 18×17 | 9 공 58 | 20308 | 18 A 23 | 11 ≗ 31 | 19 \$7 59 | 10 궁 46 | 21중36 | 19 \(\Omega 49 | 14 <u>2</u> 21 | 21 🗷 07 | 11중34 | 22325 |
| 60S | 16Ω10 | 9 ≙ 18 | 21 ₹ 35 | 11중25 | 21중27 | 17 ຄ 36 | 12 ≏ 21 | 22 ₹41 | 12중12 | 22316 | 19ູຄ03 | 15 ≏ 21 | 23 ∡ 46 | 12중58 | 23중04 |
| 61S | 15Ω17 | 10 ₾ 04 | 24×33 | 11 3 2 3 12 중 5 7 | 22중09 | 16Ω44 | 13 ≗ 21 | 25 🗷 36 | 12 8 12 | 22 공 58 | 18 Ω 12 | 16 ≗ 35 | 26×36 | 12 G 38 | 23346 |
| 62S | 14Ω19 | 11 ₾ 02 | 27 ҂ 45 | 14중33 | 22궁54 | 15 Ω 47 | 14≗37 | 28 ≉ 43 | 15중17 | 23중42 | 17£16 | 18≏08 | 29 ₹ 39 | 16궁00 | 24중30 |
| 63S | 13 Ω 15 | 12≗17 | 1중10 | 16중14 | 23841 | 14 \Q 43 | 16 - 15 | 2중03 | 16중56 | 24829 | 16Ω13 | 20 ₾ 07 | 2854 | 17중38 | 25중16 |
| | | | | 112200 | 24중31 | 13 A 33 | 18≗27 | 5ਰ36 | 18중41 | 25중18 | ∥15 <i>⋒</i> 04 | 22 ≏ 45 | 6중22 | 19중21 | 26중05 |
| 64S | 12£03 | 13 ₾ 59 | 4궁50 | 18중00 | | | | | | | | | | | |
| 64S 65S | 12Ω03 10Ω44 | 16≏25 | 8 국 43 | 19중52 | 25중24 | 12 & 14 | 21 <u>0</u> 33 | 9중23 | 20중31 | 26중11 | 13 0 46 | 26 - 26 | 10중01 | 21중10 | 1 |
| 64S | 12£03 | | | | | | 21 \(\Omega 33 \) 26 \(\Omega 14 \) 0 \(\mu 01 \) | 9 궁 23 13 궁 21 15 궁 40 | | | 13 Ω 46 12 Ω 19 11 Ω 24 | 26 <u>a</u> 26 1 m.51 6 m.07 | 10중01 13중53 16중08 | | 26중56 27중51 28중24 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | 4m AR 1'13 | MC: 12 | 6°00' | Sid.Tir MC: | | 8m AR 9'32 | MC: 12 | 27°00' | Sid.Tir MC: | ne: 8h32 5 <i>0</i> 3 | | CMC: 12 | 28°00' |
|-------------------|---------------------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|----------------------------------|----------------------|-------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 4 m, 06 | 6₽32 | 8 m. 22 | 7 <i>≱</i> 146 | 5중30 | 5 m, 10 | 7 ≙ 37 | 9 m. 23 | 8 <i>≱</i> 143 | 6중25 | 6 mg 13 | 8 ≏ 42 | 10m.24 | 9 <i>≱</i> 139 | 7云20 |
| 1S | 4 m 01 | 6 ≏ 34 | 8m.38 | 8∡06 | 5중42 | 5 m/04 | 7 ≙ 40 | 9 m 39 | 9 ₹ 02 | 6중37 | 6 mg 08 | 8 ≙ 45 | 10m41 | 9 ₹ 59 | 7832 |
| 2S | 3 m 55 | 6 ≙ 37 | 8m.54 | 8 <i>≱</i> 25 | 5궁54 | 4 m 59 | 7 ≙ 43 | 9 m 56 | 9 ₹ 22 | 6궁49 | 6 mg 03 | 8 △ 49 | 10m.57 | 10 ₹ 19 | 7중44 |
| 3S | 3 m 49 | 6 △ 39 | 9m.10 | 8×145 | 6중06 | 4 m 54 | 7 2 46 | 10 m 12 | 9 🗷 42 | 7중01 | 5 m 58 | 8 <u>₽</u> 52 | 11 m 14 | 10 7 38 | 7356 |
| 4S | 3 m/ 44 | 6₽42 | 9m26 | 9 ₹ 05 | 6궁18 | 4 m/48 | 7 ≙ 49 | 10 m 29 | 10 ₮ 02 | 7중13 | 5 m, 52 | 8₽56 | 11 m 31 | 10 ₹ 58 | 8308 |
| 5S | 3 m 38 | 6245 | 9m.43 | 9×25 | 6중29 | 4 m 42 | 7 ≏ 52 | 10m.46 | 10 7 22 | 7 る 25 | 5 m 47 | 9 △ 00 | 11 m.48 | 11 7 18 | 8320 |
| 6S 7S | 3 m/32 3 m/26 | 6 ♀ 48 6 ♀ 51 | 10m.00 10m.17 | 9∡45 10∡05 | 6 공 41 6 공 53 | 4 m/ 37 4 m/ 31 | 7 ≏ 56 7 ≏ 59 | 11 m 03 11 m 20 | 10 ∡ 42 11 ∡ 02 | 7 궁 36 7 궁 48 | 5 m/42 5 m/36 | 9 ჲ 03 9 ჲ 07 | 12 m 06 12 m 24 | 11 🗷 39 11 🗷 59 | 8 국 32 8 국 43 |
| 8S | 3 m/ 20 | 6≗53 | 10 m. 34 | 10 × 05 | 7중05 | 4 m ₂ 25 | 8 <u>₽</u> 02 | 11 m 38 | 11 × 02 | 8300 | 5 mg 31 | 9 ≗ 11 | 12 m 42 | 12 🗷 20 | 8중55 |
| 9S | 3 m 14 | 6₽56 | 10 m 52 | 10 ₹ 46 | 7중18 | 4 m/ 19 | 8₽06 | 11 m.56 | 11 ∡ 43 | 8중12 | 5 m/ 25 | 9 ≏ 15 | 13 m 00 | 12 ∡ 40 | 9중07 |
| 10S | 3 m 08 | 6₽59 | 11 m. 10 | 11∡07 | 7중30 | 4 mp 14 | 8₽09 | 12 m. 14 | 12 ₹ 04 | 8325 | 5 mp 19 | 9 ≙ 19 | 13 m. 19 | 13 ₹ 01 | 9320 |
| 11S | 3 m/02 | 7 🕰 02 | 11 m 28 | 11 ≉ 28 | 7중42 | 4 m/08 | 8 🕰 13 | 12 m 33 | 12 ₹ 25 | 8중37 | 5 m/ 14 | 9₾23 | 13 m 38 | 13 ₹ 22 | 9832 |
| 12S | 2 m/55 | 7≗05 | 11 m.47 | 11 ≉ 49 | 7궁54 | 4 m/01 | 8 ≏ 16 | 12 m 52 | 12 ∡ 46 | 8중49 | 5 m, 08 | 9₾27 | 13 m 57 | 13 🗷 44 | 9중44 |
| 13S | 2 m/49 | 7 🗅 09 | 12m.06 | 12 🗷 10 | 8중06 | 3 m 55 | 8 ₾ 20 | 13 m 11 | 13 🗷 08 | 9중01 | 5 m, 02 | 9 ≏ 31 | 14m.17 | 14×105 | 9중56 |
| 14S | 2 m, 42 | 7 🕰 12 | 12 m 25 | 12 ₹ 32 | 8중19 | 3 m/49 | 8 2 24 | 13 m 31 | 13 ₹ 30 | 9중14 | 4 m, 56 | 9 亞 36 | 14m37 | 14 ₹ 27 | 10중08 |
| 15S | 2 m/36 | 7 △ 15 | 12 m 45 | 12 7 54 | 8중31 | 3 m 43 | 8 ₾ 28 | 13 m. 51 | 13 🗷 52 | 9중26 | 4 m 50 | 9 △ 40 | 14m.57 | 14×149 | 10중21 |
| 16S 17S | 2 m/ 29 | 7요19 7요22 | 13 m 05 13 m 26 | 13 ∡ 16 13 ∡ 39 | 8 공 44 8 공 57 | 3 m/36 3 m/30 | 8 <u>0</u> 32 | 14 m 12 | 14 ₹ 14 14 ₹ 37 | 9 궁 39 9 궁 51 | 4 m 43 | 9 ≗ 45 9 ≗ 49 | 15 m 18 15 m 40 | 15 ₹ 12 15 ₹ 34 | 10 る 33 10 る 46 |
| 17S 18S | 2 m, 22 2 m, 15 | 7 2 2 2 6 | 13 11 L 20 | 13×39 14×102 | 8 5 37 9 중 10 | 3 m 23 | 8 <u>요</u> 36 8 <u>요</u> 40 | 14 m 33 14 m 55 | 14×37 15×100 | 10중04 | 4 m ₂ 37 4 m ₂ 31 | 9249 | 15 11 40 16 11 02 | 15 × 34 15 × 57 | 10546 10 3 59 |
| 19S | 2 m/ 13 | 7 ⊆ 20 | 14m.09 | 14× 02 | 9 궁 23 | 3 m/ 16 | 8 <u>⊶</u> 44 | 15 m 17 | 15 × 00 | 10304 | 4 m/ 24 | 9 2 59 | 16m.24 | 16×21 | 11312 |
| 20S | 2 m 01 | 7 <u>₽</u> 33 | 14m.31 | 14 <i>×</i> 149 | 9 궁 36 | 3 m ₂ 09 | 8 <u>₽</u> 49 | 15 ML40 | 15 <i>≵</i> 47 | 10중30 | 4 m _p 17 | 10 ☎ 04 | 16m47 | 16 ₹ 45 | 11 궁 25 |
| 21S | 1 m 54 | 7 △ 37 | 14 m 54 | 15 🗷 13 | 9정49 | 3 m 02 | 8 ₾ 53 | 16 m 03 | 16 🗷 11 | 10중44 | 4 m 10 | 10 ₾ 09 | 17m.11 | 17 ₹ 09 | 11338 |
| 22S | 1 mg 46 | 7 ≙ 41 | 15 m 18 | 15∡38 | 10중03 | 2 m 55 | 8₽58 | 16m27 | 16≉35 | 10중57 | 4 m 03 | 10 ≏ 15 | 17m35 | 17 ≉ 33 | 11ਰ51 |
| 23S | 1 m 38 | 7 2 46 | 15 m. 42 | 16×02 | 10중16 | 2 m 47 | 9 ≏ 03 | 16m.51 | 17≠00 | 11311 | 3 m 56 | 10 € 20 | 18m.00 | 17∡58 | 12305 |
| 24S | 1 mg 30 | 7≗50 | 16m.07 | 16≯28 | 10중30 | 2 m/40 | 9₽08 | 17m.17 | 17∡26 | 11324 | 3 m, 49 | 10≏26 | 18m.26 | 18 ₹ 24 | 12중19 |
| 25S | 1 m 22 | 7 2 54 | 16m.33 | 16 ₹ 54 | 10중44 | 2 m/32 | 9 ≏ 13 | 17 m.43 | 17 ₹ 52 | 11중38 | 3 m/41 | 10 - 32 | 18m.52 | 18 ₹ 49 | 12중32 |
| 26S | 1 mg 14 | 7 ≏ 59 | 16m.59 17m.26 | 17∡20 17∡47 | 10궁58 11궁13 | 2 m 24 | 9 △ 19 | 18m.09 | 18 ₹ 18 18 ₹ 45 | 11る52 12る07 | 3 m 34 | 10 ₾ 38 | 19 m 19 19 m 47 | 19 🗷 16 | 12 3 47 13 3 01 |
| 27S 28S | 1 mg 06 0 mg 57 | 8요04 8요09 | 17 m 55 | 17×'47 18×15 | 11813 | 2 m, 16 2 m, 07 | 9 <u>₽</u> 24 | 18 m 37 19 m 06 | 18×43 | 12807 | 3 m/26 3 m/18 | 10 <u>⊕</u> 45 10 <u>⊕</u> 51 | 20m.16 | 19 ₹ 43 20 ₹ 10 | 13 5 01 |
| 29S | 0 mg 48 | 8 2 14 | 18m.24 | 18 × 43 | 11342 | 1 m/ 58 | 9₽36 | 19 m 35 | 19 🗷 41 | 12836 | 3 m 09 | 10 - 58 | 20 m 46 | 20 ₹ 38 | 13830 |
| 30S | 0 m ₂ 39 | 8₽20 | 18m.54 | 19🗷 11 | 11궁57 | 1 m 49 | 9 ≙ 42 | 20 m 06 | 20 ₹ 09 | 12중51 | 3 m ₂ 01 | 11 ≏ 05 | 21 m 17 | 21 ₹ 07 | 13 ප 45 |
| 31S | 0 mg 29 | 8 - 25 | 19m.25 | 19 🗷 41 | 12313 | 1 m/40 | 9₽49 | 20 m 38 | 20 🗷 39 | 13307 | 2 m/ 52 | 11 ₾ 13 | 21 m 49 | 21 🗷 36 | 14중00 |
| 32S | 0 mg 19 | 8 ≏ 31 | 19m.58 | 20 ∡ 11 | 12る29 | 1 m/31 | 9 ≙ 56 | 21 m 10 | 21 ≉ 09 | 13중22 | 2 m 43 | 11 ≏ 21 | 22 m 22 | 22 ∡ 06 | 14중16 |
| 33S | 0 m 09 | 8 ₾ 37 | 20 m 32 | 20 🗷 42 | 12345 | 1 m 21 | 10 ₾ 03 | 21 m 45 | 21 🗷 40 | 13云38 | 2 m/ 33 | 11 ₾ 29 | 22 m 57 | 22 🗷 37 | 14832 |
| 34S | 29 A 58 | 8₽44 | 21 m 07 | 21 ₹ 14 | 13중01 | 1 mp 11 | 10≗11 | 22 m 20 | 22 ₹ 11 | 13중55 | 2 m, 23 | 11 ≏ 37 | 23 m 33 | 23 ₹ 09 | 14중48 |
| 35S | 29Ω48 | 8 2 51 | 21 m.43 | 21 🗷 46 | 13중18 | 1 m, 00 | 10 ₾ 19 | 22 m 57 | 22 🗷 44 | 14중11 | 2 m 13 | 11 △ 46 | 24 m 10 | 23 × 41 | 15중05 |
| 36S 37S | 29 N 36 29 N 25 | 8요58 9요05 | 22 m 21 23 m 01 | 22 ₹ 20 22 ₹ 54 | 13 そ 35 13 そ 52 | 0 mp 49 0 mp 38 | 10 <u>∞</u> 27 10 <u>∞</u> 36 | 23 m 35 24 m 15 | 23 ∡ 17 23 ∡ 52 | 14궁28 14궁46 | 2 m, 03 1 m, 52 | 11 ≏ 56 12 ≏ 06 | 24 m 49 25 m 29 | 24 🗷 14 24 🗷 49 | 15 る 22 15 る 39 |
| | 29 Ω 13 | | 23 m 43 | 22 x 34 23 x 30 | | | | 24 m 57 | | | | 12 <u>2</u> 00 | | | 15 ~ 557 |
| 39S | 29200 | 9₾22 | 24 m 26 | 24×106 | 14궁29 | 0 mg 14 | 10 - 15 | 25 m. 41 | 25 × 03 | 15822 | 1 m/ 29 | 12 - 27 | 26 m 55 | 26 × 00 | 16중15 |
| 40S | 28£47 | 9മ31 | 25 m 12 | 24 ₹ 44 | 14궁48 | 0 mp 01 | 11 ≏ 05 | 26 m 27 | 25 ₹ 41 | 15중41 | 1 m ₂ 17 | 12 ≏ 39 | 27m41 | 26∡37 | 16 궁 33 |
| 41S | 28£33 | 9-240 | 25 m 59 | 25 🖈 23 | 15중07 | 29 \(\Omega 48 | 11 2 16 | 27 m 15 | 26 🗷 19 | 16중00 | 1 mg 04 | 12 <u>-</u> 52 | 28 m 30 | 27 × 16 | 16공53 |
| 42S | 28 <i>û</i> 19 | 9മ50 | 26m.50 | 26 ≉ 03 | 15궁27 | 29⋒34 | 11 ₾ 28 | 28 m 06 | 26 ₹ 59 | 16중20 | 0 m/ 50 | 13 ₾ 05 | 29 m 21 | 27 ₹ 55 | 17중12 |
| 43S | 28£04 | 10 △ 01 | 27 m 43 | 26 ₹ 44 | 15궁47 | 29 A 20 | 11 △ 40 | 28 m 59 | 27 ₹ 40 | 16중40 | 0 mg 36 | 13 △ 19 | 0 ₹ 14 | 28 ₹ 36 | 17중32 |
| 44S | 27 A 48 | 10 ₾ 13 | 28m38 | 27 . ₹27 | 16중08 | 29 A 05 | 11 ≏ 54 | 29 m 55 | 28 ₹ 23 | 17중01 | 0 m, 22 | 13 ₾ 35 | 1 ₹ 10 | 29 ₮ 19 | 17중53 |
| 45S | 27.032 | 10 € 25 | 29 m 37 | 28 🗷 12 | 16중30 | 28 149 | 12 € 08 | 0 × 54 | 29 ₹ 07 | 17322 | 0 m 06 | 13 ₾ 51 | 2 ₹ 09 | 0중02 | 18중15 |
| 46S 47S | 27Ω14 26Ω56 | 10 <u>⊕</u> 39 10 <u>⊕</u> 53 | 0 ₹ 39 1 ₹ 45 | 28 ₹ 58 29 ₹ 45 | 16 궁 53 17 궁 16 | 28 \Omega 32 28 \Omega 14 | 12 ≏ 24 12 ≏ 41 | 1 ₹ 56 3 ₹ 02 | 29₹53 0 ⋜ 40 | 17 궁 45 18 궁 08 | 29 \Omega 50 29 \Omega 33 | 14요09 14요28 | 3 ₹ 11 4 ₹ 17 | 0중48 1중35 | 18 궁 37 18 궁 59 |
| 47S 48S | 26Ω37 | 10±33 | 2 × 45 | 29×145 0중35 | 17 5 10 | 288114 27£55 | 12 <u>4</u> 41 12 <u>6</u> 59 | 3 × 02 4 × 11 | 1 3 29 | 18831 | 29 £133 29 £15 | 14 <u>14 249</u> | 4×17 5×127 | 1633 2 중 24 | 18 5 39 |
| 49S | 26Ω16 | 11 26 | 4×109 | 1 공 26 | 18 공 04 | 27 £ 35 | 13 △ 19 | 5×125 | 2 ਰ 21 | 18공56 | 28256 | 15 2 11 | 6×140 | 3 당 14 | 19 3 47 |
| 50S | 25Ω55 | 11 ≙ 45 | 5 ₹ 28 | 2중20 | 18중30 | 27Ω15 | 13 ≙ 41 | 6 <i>≵</i> 144 | 3ਰ14 | 19중21 | 28235 | 15 ≙ 36 | 7 <i>≱</i> 159 | 4중07 | 20중13 |
| 51S | 25 N 32 | 12 2 06 | 6×152 | 3 공 16 | 18 공 57 | 26 \Omega 52 | 14 2 05 | 8 2 08 | 4정09 | 19848 | 28 A 14 | 16 2 04 | 9 🗷 22 | 5정02 | 20중39 |
| 52S | 25⋒07 | 12 ≏ 29 | 8 ₹ 21 | 4궁14 | 19궁24 | 26⋒29 | 14≗32 | 9∡37 | 5중07 | 20중15 | 27£51 | 16 ≏ 34 | 10∡50 | 5云59 | 21중06 |
| 53S | 24 \Q 41 | 12 € 55 | 9 🗷 57 | 5중15 | 19중53 | 26 20 03 | 15 ₾ 02 | 11 🗷 12 | 6중07 | 20344 | 27.026 | 17 ₾ 08 | 12 🗷 24 | 6중58 | 21334 |
| 548 | 24 N 13 | 13 ≏ 24 | 11 ∡ 40 | 6중18 | 20중23 | 25 A 36 | 15 ≏ 35 | 12 ₹ 53 | 7 3 09 | 21중13 | 27£00 | 17 ≏ 45 | 14 ₹ 05 | 8동00 | 22중04 |
| 55S | 23 243 | 13 ₾ 57 | 13×29 | 7중24 | 20궁54 | 25 \O 07 | 16 ₾ 13 | 14 🗷 41 | 8중15 | 21344 | 26231 | 18 ₾ 28 | 15 × 52 | 9중05 | 22334 |
| 56S 57S | 23 \Omega 10 22 \Omega 35 | 14 <u>⊕</u> 35 15 <u>⊕</u> 18 | 15 ₹ 27 17 ₹ 33 | 8 궁 33 9 궁 46 | 21궁27 22궁01 | 24 \Quad 35 24 \Quad 01 | 16 ♀ 56 17 ♀ 46 | 16 ₹ 37 18 ₹ 42 | 9 궁 23 10 궁 34 | 22 궁 16 22 궁 50 | 26Ω01 25Ω28 | 19 ♀ 16 20 ♀ 12 | 17 ₹ 47 19 ₹ 49 | 10중12 11중23 | 23중06 23중39 |
| 58S | 228133 21 £ 57 | 15±18 16±08 | 17×33 | 9546 11 궁 01 | 22 5 01 | 24 87 01 23 N 24 | 18 <u>0</u> 44 | 18 × 42 20 × 55 | 11 3 49 | 22 6 30 23 6 25 | 258128 24£052 | 20 ± 12 21 ± 17 | 19×49 22×100 | 11623 12 중 37 | 23 5 35 |
| 59S | 21 216 | 17≗07 | 22 🗷 13 | 12 공 21 | 23 당 13 | 22 \Omega 44 | 19 ≏ 51 | 23 × 17 | 13중08 | 24302 | 24 £ 12 | 22 △ 32 | 24 × 20 | 12 3 57 | 24851 |
| 60S | 20230 | 18≏18 | 24 ₹ 49 | 13중44 | 23중53 | 21 û 59 | 21 ≏ 12 | 25 ₹ 50 | 14궁30 | 24341 | 23 û 29 | 24 ♀ 02 | 26∡50 | 15중15 | 25 ප 29 |
| 61S | 19 \O 41 | 19 2 45 | 27×135 | 15812 | 24 공 34 | 21 21 11 | 22 - 51 | 28 × 33 | 15중56 | 25822 | 22 \Omega 42 | 25 ⊕ 51 | 29 🗷 29 | 16중40 | 26중09 |
| 62S | 18Ω46 | 21 △ 33 | 0중34 | 16궁44 | 25중17 | 20 A 17 | 24 ₾ 52 | 1중27 | 17중27 | 26중04 | 21 250 | 28 ♀ 05 | 2る20 | 18궁09 | 26중52 |
| U_U | 100610 | | 2711 | 18중20 | 26중03 | 19Ω17 | 27 ≗ 27 | 4중33 | 19る02 | 26궁50 | 20 ຄ 51 | 0 m 54 | 5중21 | 19ਰ43 | 27836 |
| 63S | 17 Ω 45 | 23 ₾ 51 | 3344 | | | 4.0 | | | | | | | | | 1 20 7 24 |
| 63S 64S | 17Ω45 16Ω37 | 23 <u>a</u> 51 26 <u>a</u> 53 | 7 5 06 | 20중02 | 26궁51 | 18 Ω 11 | 0m.48 | 7정50 | 20중41 | 27중37 | 19Ω46 | 4m.31 | 8중33 | 21중21 | |
| 63S 64S 65S | 17Ω45 16Ω37 15Ω20 | 26 🖴 53 1 m. 02 | 7 3 06 10 3 40 | 20중02 21중48 | 26궁51 27궁42 | 16£55 | 5 m 20 | 11중18 | 22중26 | 28云28 | 18 ຄ 32 | 9 m 20 | 11궁55 | 23중04 | 29중14 |
| 63S 64S | 17Ω45 16Ω37 | 26 ≏ 53 | 7중06 | 20중02 | 26궁51 | | | | | | l . | | | | 28♂24 29♂14 0≈06 0≈38 |

| | Sid.Tir MC: | | 6m AR | RMC: 12 | .9°00' | Sid.Tir MC: | | 0m AR 5'28 | MC: 13 | 30°00' | Sid.Tir MC: | ne: 8h4 8Ω3 | 4m AR 4'27 | MC: 13 | 1°00' |
|------------|--|--------------------------|--------------------------------|----------------------------------|----------------------------------|--|------------------------------|--------------------------------|------------------------------------|----------------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7 m 17 | 9 <u>₽</u> 47 | 11 m. 25 | 10×35 | 8316 | 8 m 21 | 10 ₾ 52 | 12 m. 26 | 11 🗷 32 | 9311 | 9 m 25 | 11 ₾ 57 | 13 m. 27 | 12×28 | 10중06 |
| 1S 2S | 7 m 12 7 m 07 | 9 <u>2</u> 51 | 11 m.42 11 m.59 | 10 ₹ 55 11 ₹ 15 | 8 3 27 | 8 mg 16 8 mg 12 | 10 <u>2</u> 57 | 12 m. 43 13 m. 00 | 11 \$\square 51 12 \$\square 11 | 9 궁 23 9 궁 34 | 9 mg 21 9 mg 16 | 12 <u>a</u> 02 | 13 m. 44 14 m. 02 | 12 ∡ 47 13 ∡ 07 | 10중18 10중30 |
| 3S | 7 mg 02 | 9259 | 12 m 16 | 11 x 13 | 8 국 39 8 국 51 | 8 mg 07 | 11201 | 13 m 18 | 12×11 | 9 5 34 | 9 mg 12 | 12 207 | 14 m 19 | 13 x 07 13 ₹ 28 | 10830 |
| 4S | 6 m 57 | 10 ₾ 03 | 12 m 33 | 11 🗷 55 | 9중03 | 8 mg 02 | 11 <u>0</u> 10 | 13 m 35 | 12 \$7 51 | 9358 | 9 mg 07 | 12 ₾ 16 | 14m.37 | 13 × 48 | 10공53 |
| 5S | 6 m 52 | 10≗07 | 12m.51 | 12 ₹ 15 | 9중15 | 7 m ₂ 57 | 11 ≏ 14 | 13 m 53 | 13 ₹ 12 | 10중10 | 9 m 02 | 12 221 | 14m.55 | 14 ₹ 08 | 11중05 |
| 6S | 6 m 47 | 10 ₾ 11 | 13 m 09 | 12 ₹ 35 | 9827 | 7 m 52 | 11 △ 19 | 14m.11 | 13 × 32 | 10822 | 8 m 57 | 12 26 | 15m.14 | 14 🗷 29 | 11317 |
| 7S | 6 m/42 | 10 ₾ 15 | 13 m 27 | 12 ∡ 56 | 9 궁 39 | 7 m/47 | 11 ₾ 23 | 14m30 | 13 ₹ 53 | 10중34 | 8 m/ 53 | 12 ₾ 32 | 15 m 32 | 14 ₹ 49 | 11궁29 |
| 8S | 6 m 36 | 10 ₾ 20 | 13 m. 45 | 13 🗷 17 | 9중50 | 7 m 42 | 11 ₾ 28 | 14m48 | 14 🗷 13 | 10중46 | 8 m 48 | 12 ₾ 37 | 15m.51 | 15 🗷 10 | 11341 |
| 98 | 6 mg 31 | 10≗24 | 14m.04 | 13 ₹ 37 | 10중02 | 7 m ₂ 37 | 11 ₾ 33 | 15 m 07 | 14 ₹ 34 | 10중57 | 8 m, 43 | 12 ≏ 42 | 16m.11 | 15 ₹31 | 11중53 |
| 10S | 6 m 25 | 10 <u>a</u> 28 | 14 m. 23 14 m. 42 | 13 ₹ 58 14 ₹ 19 | 10궁14 | 7 m 32 | 11 ₾ 38 | 15 m. 27 | 14 ₹ 55 15 ₹ 16 | 11309 | 8 m 38 | 12 2 47 | 16m.30 | 15 🗷 52 | 12 궁 04 12 궁 16 |
| 11S 12S | 6 mp 20 6 mp 14 | 10±33 | 14 11642 15 nc 02 | 14×19 | 10중27 10중39 | 7 m/26 7 m/21 | 11 <u>0</u> 43 | 15 m. 46 16 m. 06 | 15 × 16 | 11중22 11중34 | 8 mg 33 8 mg 28 | 12 <u>a</u> 53 | 16m.50 17m.10 | 16 ₹ 13 16 ₹ 35 | 12810 |
| 13S | 6 mg 09 | 10 € 42 | 15 m 22 | 15 🗷 03 | 10명51 | 7 mg 15 | 11 - 54 | 16m27 | 16 🗷 00 | 11346 | 8 mg 22 | 13 ₾ 04 | 17m31 | 16 🗷 56 | 12341 |
| 14S | 6 m 03 | 10≗47 | 15m42 | 15 ₹ 24 | 11중03 | 7 m/10 | 11 ₾ 59 | 16m47 | 16∡22 | 11궁58 | 8 m 17 | 13 ₾ 10 | 17m.52 | 17 <i>≱</i> 18 | 12중53 |
| 15S | 5 m ₂ 57 | 10♀52 | 16m.03 | 15 ∡ 47 | 11316 | 7 m ₂ 04 | 12ჲ04 | 17m.09 | 16∡44 | 12중10 | 8 mg 12 | 13 ₾ 16 | 18 m . 14 | 17 <i>≭</i> 41 | 13중05 |
| 16S | 5 m 51 | 10≗57 | 16m24 | 16∡109 | 11중28 | 6 m 59 | 12 ≏ 10 | 17m30 | 17∡106 | 12号23 | 8 mg 06 | 13 ≏ 23 | 18m36 | 18 ₹ 03 | 13중18 |
| 17S | 5 m/ 45 | 11 ₾ 03 | 16m.46 | 16 ₹ 32 | 11341 | 6 m 53 | 12 - 16 | 17 m 52 | 17∡29 | 12835 | 8 mg 01 | 13 ₾ 29 | 18m.58 | 18 ₹ 26 | 13중30 |
| 18S 19S | 5 m 39 5 m 32 | 11 <u>0</u> 08 | 17m.09 17m.31 | 16 ₹ 55 17 ₹ 18 | 11궁54 12궁06 | 6 mg 47 6 mg 41 | 12 <u>0</u> 22 | 18 m. 15 18 m. 38 | 17 ₹ 52 18 ₹ 15 | 12중48 13중01 | 7 m ₂ 55 7 m ₂ 49 | 13 <u>□</u> 36 | 19m21 19m44 | 18 ∡ 49 19 ∡ 12 | 13중43 13중56 |
| | | | | | | | | | | | | | | | |
| 20S 21S | 5 m 26 5 m 19 | 11 <u>□</u> 19 | 17m.55 18m.19 | 17 ₹ 42 18 ₹ 06 | 12중19 12중33 | 6 mg 35 | 12 <u>2</u> 34 | 19 m. 02 19 m. 26 | 18 × 39 19 × 03 | 13중14 13중27 | 7 m ₂ 43 7 m ₂ 37 | 13 <u>a</u> 49 | 20 m. 08 20 m. 33 | 19 ₹36 20 ₹00 | 14궁08 14궁21 |
| 22S | 5 mg 13 | 11 <u>2</u> 23 | 18 m. 43 | 18 × 31 | 12833 | 6 m 22 | 12 <u>=</u> 47 | 19 m. 51 | 19 \$7 28 | 13827 | 7 mg 31 | 14 <u>0</u> 04 | 20 m 58 | 20 ₹ 25 | 14835 |
| 23S | 5 m 06 | 11 △ 37 | 19m09 | 18 ₹ 56 | 12る59 | 6 m 15 | 12 ≏ 54 | 20 m 16 | 19∡53 | 13궁54 | 7 m 25 | 14≗11 | 21 m 24 | 20 ₮ 50 | 14중48 |
| 24S | 4 m/59 | 11 ≏ 44 | 19m34 | 19∡21 | 13중13 | 6 mg 08 | 13 ₾ 02 | 20 m.43 | 20 ₮ 18 | 14중07 | 7 m, 19 | 14 🕰 19 | 21 m 51 | 21 ₹ 15 | 15중01 |
| 25S | 4 m 51 | 11≗51 | 20m.01 | 19 ≉ 47 | 13중27 | 6 mg 02 | 13 ₾ 09 | 21 m 10 | 20 ≉ 44 | 14중21 | 7 m, 12 | 14≏27 | 22 m 18 | 21 ∡ 41 | 15중15 |
| 26S | 4 m 44 | 11 ₾ 57 | 20m29 | 20 🗷 13 | 13841 | 5 m 54 | 13 ₾ 17 | 21 m 38 | 21 🗷 10 | 14335 | 7 m 05 | 14 ₾ 35 | 22 m 46 | 22 🗷 07 | 15829 |
| 27S 28S | 4 mp 36 4 mp 29 | 12 <u>0</u> 05 | 20 m. 57 21 m. 26 | 20 ₹ 40 21 ₹ 08 | 13중55 14중09 | 5 m/ 47 5 m/ 40 | 13 <u>□</u> 24 | 22 m.06 22 m.36 | 21 ∡ 37 22 ∡ 05 | 14궁49 15궁03 | 6 m 58 6 m 51 | 14 <u>a</u> 44 | 23 m. 15 23 m. 45 | 22 ∡ 34 23 ∡ 02 | 15 공 43 |
| 29S | 4 m/ 29 | 12 <u>2</u> 12 | 21 m 57 | 21 x · 08 | 14809 | 5 m/ 32 | 13 <u>2</u> 33 | 23 m 06 | 22 × 03 | 15803 | 6 mg 44 | 15 <u>0</u> 2 | 24 m 16 | 23 x·02 23 x 29 | 16312 |
| 30S | 4 m 12 | 12-28 | 22 m 28 | 22 × 04 | 14339 | 5 m 24 | 13 - 50 | 23 m 38 | 23 🗷 01 | 15중33 | 6 mg 36 | 15 - 02 | 24 m. 48 | 23 🗷 58 | 16중27 |
| 31S | 4 m) 04 | 12 <u>=</u> 26 | 23 m 00 | 22 x 33 | 14854 | 5 m 16 | 13 2 59 | 24 m 11 | 23 🗷 30 | 15833 | 6 mg 28 | 15 ≗ 12 | 25 m 21 | 24 × 27 | 16827 |
| 32S | 3 m/ 55 | 12 △ 45 | 23 m 34 | 23 ₮ 03 | 15궁10 | 5 m/ 07 | 14ჲ09 | 24 m 45 | 24 ₮ 00 | 16중03 | 6 m 20 | 15 ₾ 33 | 25 m 55 | 24 ∡ 57 | 16궁57 |
| 33S | 3 m/46 | 12 △ 54 | 24m09 | 23 ₹ 34 | 15326 | 4 m 59 | 14 ₾ 19 | 25 m 20 | 24 🗷 31 | 16궁19 | 6 m 12 | 15 △ 44 | 26m30 | 25 ₹ 27 | 17중13 |
| 348 | 3 m/36 | 13 ₾ 04 | 24 m 45 | 24 ∡ 06 | 15중42 | 4 m, 50 | 14≗30 | 25 m 56 | 25 ₹ 02 | 16중35 | 6 mg 03 | 15 ₾ 56 | 27m07 | 25 ₹ 59 | 17중29 |
| 35S | 3 m 27 | 13 ₾ 14 | 25 m 22 | 24 × 38 | 15중58 | 4 m/40 | 14 🕰 41 | 26m34 | 25 × 34 | 16352 | 5 m 54 | 16 208 | 27 m 45 | 26×31 | 17845 |
| 36S 37S | 3 m 17 3 m 06 | 13 <u>a</u> 24 | 26m.01 26m.42 | 25 ₹ 11 25 ₹ 45 | 16 궁 15 16 궁 32 | 4 m/31 4 m/21 | 14 \omega 53 15 \omega 05 | 27 m 13 27 m 54 | 26 ₹ 08 26 ₹ 41 | 17る08 17る25 | 5 m/ 45 5 m/ 35 | 16 2 21 16 2 34 | 28 m. 24 29 m. 05 | 27 ∡ 04 27 ∡ 37 | 18 궁 01 18 궁 18 |
| 38S | 2 m ₂ 55 | 13 2 47 | 27 m 24 | 26 \$\times 20 | 16명50 | 4 m 10 | 15 = 03 | 28 m 37 | 27 × 16 | 17843 | 5 m ₂ 25 | 16≗34 | 29 m 48 | 28 × 12 | 18중36 |
| 39S | 2 m/44 | 14ჲ00 | 28m09 | 26 ₹ 56 | 17중08 | 3 m 59 | 15 ₾ 32 | 29 m.21 | 27 ₮ 52 | 18중01 | 5 m 15 | 17ჲ03 | 0 ≉ 33 | 28 ≉ 48 | 18궁54 |
| 40S | 2 m/32 | 14 ₾ 13 | 28 m 55 | 27 ≉ 33 | 17중26 | 3 m/48 | 15 ₾ 46 | 0 ₹ 08 | 28 ₹ 29 | 18319 | 5 mg 04 | 17 ₾ 19 | 1 ∡ 20 | 29 ∡ 24 | 19312 |
| 41S | 2 m 20 | 14≗27 | 29 m 44 | 28 ₮ 12 | 17중45 | 3 m/36 | 16≗02 | 0∡56 | 29 ₮ 07 | 18중38 | 4 m 53 | 17 ≏ 36 | 2 ₹ 08 | 0중02 | 19중31 |
| 42S | 2 m 07 | 14 🕰 42 | 0 ₹ 34 | 28 × 51 | 18305 | 3 m/24 | 16 ₾ 18 | 1 × 47 | 29 🗷 46 | 18궁57 | 4 m/41 | 17 ₾ 54 | 3 × 00 | 0중41 | 19중50 |
| 43S 44S | 1 m ₂ 53 1 m ₂ 39 | 14 <u>a</u> 58 | 1 ₹ 28 2 ₹ 24 | 29才32 0궁14 | 18 궁 25 18 궁 45 | 3 m, 11 2 m, 57 | 16 ♀ 36 | 2 ∡ 41 3 ∡ 37 | 0중27 1중09 | 19 궁 17 19 궁 38 | 4 m/28 4 m/15 | 18 亞 13 | 3 ₹ 53 4 ₹ 49 | 1중21 2중03 | 20중10 20중30 |
| | | | | | | l . | | | | | | | | | |
| 45S 46S | 1 mg 24 1 mg 09 | 15 △ 33 | 3 ₹ 23 4 ₹ 25 | 0정57 1정42 | 19 궁 07 19 궁 29 | 2 m/43 2 m/28 | 17 ♀ 15 | 4 ₹ 36 5 ₹ 38 | 1정52 2정36 | 19궁59 20궁21 | 4 m 02 3 m 47 | 18 2 56 | 5 ₹ 48 6 ₹ 50 | 2 정 46 3 정 30 | 20 궁 51 21 궁 12 |
| 47S | 0 m/ 52 | 16 2 14 | 5×31 | 2329 | 19851 | 2 m/ 12 | 18 <u>0</u> 00 | 6 ₹ 44 | 3 공 23 | 20843 | 3 m/ 32 | 19≗45 | 7 ₹ 56 | 4 3 16 | 21835 |
| 48S | 0 m/ 35 | 16 ≏ 38 | 6 ₹ 41 | 3817 | 20중15 | 1 m 55 | 18 ≏ 26 | 7 <i>≱</i> 53 | 4중11 | 21중06 | 3 m, 16 | 20 ₾ 13 | 9≉05 | 5중04 | 21궁58 |
| 49S | 0 mg 16 | 17≗03 | 7 ₹ 54 | 4궁08 | 20중39 | 1 m ₂ 37 | 18≏53 | 9∡07 | 5중01 | 21중30 | 2 m, 59 | 20 ₾ 43 | 10∡18 | 5중53 | 22중21 |
| 50S | 29⋒57 | 17≗31 | 9 ₹ 12 | 5궁00 | 21중04 | 1 m, 18 | 19≏24 | 10 ₹ 24 | 5중52 | 21궁55 | 2 m/41 | 21 ≏ 16 | 11 ₹ 35 | 6중44 | 22346 |
| 51S | 29 236 | 18 🕰 01 | 10 🗷 35 | 5 궁 54 | 21중30 | 0 m 58 | 19 ₾ 57 | 11 🗷 46 | 6 공 46 | 22321 | 2 m 22 | 21 🖴 52 | 12 🗷 56 | 7 3 37 | 23云11 |
| 52S 53S | 29 Ω 14 28 Ω 50 | 18 △ 35 | 12 ∡ 02 13 ∡ 36 | 6 궁 50 7 궁 49 | 21궁57 22궁25 | 0 m ₂ 37 0 m ₂ 14 | 20 <u>a</u> 34 | 13 ∡ 13 14 ∡ 46 | 7정42 8정40 | 22정47 23정15 | 2 m, 01 1 m, 39 | 22 <u>a</u> 32 | 14 ₹ 23 15 ₹ 55 | 8 云 33 9 云 30 | 23중38 24중05 |
| 54S | 28Ω24 | 19 2 12 | 15 x · 30 | 8 3 50 | 22 8 23 22 8 54 | 29 \(\Omega 49 | 22 <u>0</u> 01 | 16×24 | 9 공 41 | 23813 | 1 m, 15 | 24 <u>0</u> 6 | 13 x·33 17 ∡ 32 | 10중30 | 24 8 03 24 중 34 |
| 55S | 27 Ω 57 | 20 ₾ 41 | 17×101 | 9중54 | 23324 | 29 23 | 22 ₾ 52 | 18 × 09 | 10중44 | 24314 | 0 mp 50 | 25 ₾ 01 | 19 <i>z</i> 16 | 11중33 | 25중03 |
| 56S | 27 £ 27 | 21 <u>□</u> 34 | 18 🗷 54 | 11301 | 23856 | 28 N 54 | 23 ♀ 50 | 20 🗷 01 | 11공50 | 24845 | 0 m/ 22 | 26 ♣ 04 | 21 🗷 06 | 12338 | 25834 |
| 57S | 26⋒55 | 22 ₾ 36 | 20 ₹ 55 | 12ਰ11 | 24중29 | 28 № 23 | 24 🕰 57 | 22 ₮ 00 | 12る59 | 25중18 | 29⋒52 | 27 🕰 16 | 23 ₮ 03 | 13중46 | 26중07 |
| 58S | 26Ω20 25Ω42 | 23 <u>△</u> 47 | 23 × 04 | 13324 | 25중03 | 27 \Omega 50 | 26 ₾ 14 | 24×106 | 14궁11 | 25~352 | 29 20 | 28 ₾ 38 | 25 ₹ 08 | 14궁57 | 26341 |
| 59S | 25 € 42 | 25 ₾ 10 | 25 🗷 21 | 14중40 | 25339 | 27 Ω 13 | 27 <u>□</u> 44 | 26×21 | 15326 | 26중28 | 28244 | 0 m. 14 | 27×20 | 16중11 | 27316 |
| 60S | 25 \O00 | 26 ₾ 48 | 27 🗷 48 | 16중00 | 26중17 | 26 \Omega 32 | 29 <u>a</u> 30 | 28 🗷 45 | 16345 | 27중05 | 28 20 05 | 2 m 07 | 29 🗷 41 | 17 る 29 | 27중53 |
| 61S 62S | 24 Ω 14 23 Ω 23 | 28 <u>₽</u> 47 1 m 12 | 0 궁 25 3 궁 11 | 17중24 18중52 | 26 궁 57 27 궁 39 | 25 \Omega 48 24 \Omega 58 | 1 m 37 4 m 11 | 1319 4301 | 18 궁 07 19 궁 34 | 27중44 28중26 | 27 \Omega 22 26 \Omega 35 | 4 m. 21 7 m. 03 | 2정11 4정51 | 18 궁 50 20 궁 16 | 28 궁 32 29 궁 13 |
| 63S | 23 & 23 22 & 27 | 4m.12 | 6중08 | 20 궁 24 | 28 云 23 | 248038 24£038 | 7 m 21 | 6 공 54 | 21중05 | 29중10 | 25 Ω41 | 10 m 21 | 7중39 | 20816 21 공 45 | 29정56 |
| 64S | 21 \Omega 23 | 8 m. 02 | 9궁15 | 22중00 | 29중10 | 23 201 | 11 m 21 | 9궁56 | 22중40 | 29궁56 | 24 \$\alpha 41 | 14 m 28 | 10중37 | 23중19 | 0≈42 |
| 65S | 20 & 11 | 13 m. 03 | 12중32 | 23342 | 29궁59 | 21 251 | 16m.29 | 13궁09 | 24궁20 | 0≈44 | 23 ည 33 | 19m.41 | 13중45 | 24궁57 | 1≈30 |
| 66S | 18⋒49 | 19m.44 | 15궁59 | 25중28 | 0≈51 | 20⋒32 | 23 m 13 | 16중30 | 26중04 | 1≈36 | 22 A 16 | 26 m 22 | 17중01 | 26궁40 | 2≈21 |
| pc | 17⋒59 | 24 m 29 | 17る59 | 26중30 | 1≈22 | 19 ຄ 42 | 27 m 53 | 18중27 | 27중05 | 2≈06 | 21 227 | 0 ₹ 55 | 18궁56 | 27중40 | 2≈50 |
| <u> </u> | | | | ecliptic of | | 2000 | | | | | | | | | |

| | Sid.Tir MC: | | 8m AR 3'37 | RMC: 13 | 2°00' | Sid.Tir MC: | | 2m AR 32'57 | MC: 13 | 33°00' | Sid.Tir MC: | ne: 8h50 11 <i>Ω</i> | 6m AR 32'28 | MC: 13 | 64°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 mp 34 | 14≗07 | 15 m.27 | 14 ~ 19 | 11857 | 12 m, 38 | 15 ₾ 12 | 16m27 | 15 ~ 15 | 12중53 |
| 1S | 10 mg 25 | 13 ₾ 07 | 14m45 | 13 ₹ 44 | 11중13 | 11 m/30 | 14 🕰 12 | 15 m 45 | 14 ≉ 39 | 12号09 | 12 mg 34 | 15 ₾ 18 | 16m46 | 15 ₹ 35 | 13중04 |
| 2S | 10 m 21 | 13 ₾ 12 | 15m.03 | 14 🗷 04 | 11325 | 11 m 26 | 14 ₾ 18 | 16m.03 | 15 7 00 | 12320 | 12 m 30 | 15 € 24 | 17m.04 | 15 \$7 55 | 13316 |
| 3S 4S | 10 mp 16 10 mp 12 | 13 <u>□</u> 18 | 15 m 21 15 m 39 | 14 ₹ 24 14 ₹ 44 | 11 궁 37 11 궁 49 | 11 m ₂ 21 11 m ₂ 17 | 14 <u>0</u> 24 | 16 m. 22 16 m. 40 | 15 ₹ 20 15 ₹ 40 | 12중32 12중44 | 12 m/26 12 m/22 | 15 ⊕ 30 | 17 m. 23 17 m. 41 | 16 ∡ 16 16 ∡ 36 | 13중28 13중39 |
| 5S | 10 mg 07 | 13 - 28 | 15 m 57 | 15 🗷 04 | 12300 | 11 m _p 13 | 14 - 35 | 16 m 59 | 16×10 | 12856 | 12 mg 18 | 15 - 30 | 18 m 00 | 16×30 | 13중51 |
| 6S | 10 mg 07 | 13 € 28 | 15 11637 16 116 | 15×104 | 12 8 00 | 11 mp 09 | 14 <u>2</u> 33 | 17 m 18 | 16×01 | 13807 | 12 mg 14 | 15 <u>24</u> 2 | 18 m 20 | 10 x· 37 | 14803 |
| 7S | 9 m 58 | 13 ₾ 39 | 16m.35 | 15 ₹ 46 | 12824 | 11 mg 04 | 14 △ 47 | 17 m 37 | 16 🗷 42 | 13819 | 12 mg 10 | 15 € 55 | 18m.39 | 17 ₹ 38 | 14314 |
| 8S | 9 mg 54 | 13 △ 45 | 16m.54 | 16∡06 | 12중36 | 11 mg 00 | 14≗53 | 17 m 57 | 17 ₹ 03 | 13중31 | 12 mg 06 | 16≗02 | 18m59 | 17 ₹ 59 | 14궁26 |
| 9S | 9 mg 49 | 13 ₾ 51 | 17m.14 | 16∡27 | 12중48 | 10 m, 55 | 15 ₾ 00 | 18m.16 | 17 ₹ 24 | 13중43 | 12 mg 02 | 16≏08 | 19m.19 | 18 ∡ 20 | 14중38 |
| 10S | 9 mg 44 | 13 ₾ 57 | 17m34 | 16∡149 | 13중00 | 10 m/51 | 15 2 06 | 18m37 | 17 🗷 45 | 13중55 | 11 m 58 | 16 🕰 15 | 19m39 | 18∡41 | 14궁50 |
| 118 | 9 m 40 | 14 🖴 03 | 17m.54 | 17 🗷 10 | 13811 | 10 m 46 | 15 △ 13 | 18m.57 | 18 🗷 06 | 14307 | 11 m 53 | 16 22 | 20m 00 | 19 🗷 03 | 15302 |
| 12S 13S | 9 m ₂ 35 9 m ₂ 30 | 14요09 14요15 | 18 m. 14 18 m. 35 | 17 ₹ 31 17 ₹ 53 | 13중24 13중36 | 10 m, 42 10 m, 37 | 15 ⊕ 19 | 19 m 18 19 m 39 | 18 ₹ 28 18 ₹ 50 | 14궁19 14궁31 | 11 mg 49 11 mg 45 | 16 2 9 | 20 m.21 20 m.43 | 19 ₹ 24 19 ₹ 46 | 15 궁 14 15 궁 26 |
| 14S | 9 mg 25 | 14 <u>2</u> 22 | 18m.57 | 18 × 15 | 13838 | 10 mg 37 | 15 € 33 | 20m.01 | 19 × 12 | 14843 | 11 mg 40 | 16≗30 | 21 m 05 | 20 \$\square 08 | 15 3 38 |
| 15S | 9 m 20 | 14≏28 | 19 Մ. 18 | 18 <i>≱</i> 37 | 14중00 | 10 m 27 | 15 ≙ 40 | 20 m. 23 | 19∡134 | 14공55 | 11 m ₂ 36 | 16≗52 | 21 m 27 | 20 ₹ 30 | 15중50 |
| 16S | 9 mg 14 | 14 <u>0</u> 35 | 19m.41 | 19 \$7 00 | 14명12 | 10 m/ 23 | 15 △ 47 | 20 m 45 | 19 \$7 57 | 15807 | 11 mg 31 | 16 <u>2</u> 59 | 21 m 50 | 20 × 50 | 16중02 |
| 17S | 9 m, 09 | 14 ≏ 42 | 20m.03 | 19 ₹ 23 | 14궁25 | 10 m/18 | 15 ≏ 55 | 21 m 08 | 20 ₮ 19 | 15중20 | 11 m 26 | 17≗07 | 22 m 13 | 21 ∡ 16 | 16궁14 |
| 18S | 9 mg 04 | 14 🕰 49 | 20 m 26 | 19 🗷 46 | 14337 | 10 m 12 | 16 2 02 | 21 m 32 | 20 🗷 43 | 15332 | 11 m 21 | 17 ₾ 16 | 22 m 37 | 21 🗷 39 | 16327 |
| 19S | 8 m 58 | 14 ₾ 56 | 20 m. 50 | 20 ₹ 09 | 14궁50 | 10 m, 07 | 16 ₾ 10 | 21 m.56 | 21 🗷 06 | 15845 | 11 m, 16 | 17 ₾ 24 | 23 m.01 | 22 🗷 02 | 16중39 |
| 20S | 8 m 53 | 15 a 04 | 21 m 14 | 20 🗷 33 | 15중03 | 10 m 02 | 16 ₾ 18 | 22 m 20 | 21 🗷 30 21 🗷 54 | 15857 | 11 m 11 | 17 ₾ 33 | 23 m 26 | 22 🗷 26 | 16공52 |
| 21S 22S | 8 mp 47 8 mp 41 | 15 <u>1</u> 12 15 <u>1</u> 20 | 21 m.39 22 m.05 | 20 x 57 21 x 22 | 15 궁 16 15 궁 29 | 9 m 56 9 m 51 | 16 <u>⊕</u> 27 16 <u>⊕</u> 35 | 22 m. 45 23 m. 11 | 21 × 34 22 × 18 | 16 궁 10 16 궁 23 | 11 mg 06 11 mg 01 | 17 ♀ 42 17 ♀ 51 | 23 m.51 24 m.17 | 22 ₹ 50 23 ₹ 15 | 17 さ 05 |
| 23S | 8 mg 35 | 15 € 28 | 22 m 31 | 21 🗷 47 | 15842 | 9 m 45 | 16 2 44 | 23 m 38 | 22 × 43 | 16중37 | 10 m 56 | 18 ₾ 00 | 24 m 44 | 23 × 40 | 17중31 |
| 24S | 8 mg 29 | 15≗36 | 22 m 58 | 22 ∡ 12 | 15궁56 | 9 m, 39 | 16≏53 | 24 m 05 | 23 ₮ 09 | 16궁50 | 10 mg 50 | 18 🕰 10 | 25 m 11 | 24 ∡ 05 | 17중44 |
| 25S | 8 mg 23 | 15 ≙ 45 | 23 m 26 | 22 ∡ 38 | 16궁09 | 9 m ₂ 33 | 17≗03 | 24 m 33 | 23 ∡ 34 | 17중03 | 10 mg 44 | 18≏20 | 25 m 39 | 24 ∡ 31 | 17358 |
| 26S | 8 mg 16 | 15 △ 54 | 23 m 54 | 23 ≯ 04 | 16중23 | 9 m/27 | 17 △ 13 | 25 m 01 | 24×101 | 17궁17 | 10 m 39 | 18 ≏ 31 | 26m08 | 24 ₹ 57 | 18중11 |
| 27S | 8 m 09 | 16 ≏ 04 | 24 m 23 | 23 🗷 31 | 16공51 | 9 m 21 | 17 € 23 | 25 m. 31 | 24 🗷 27 | 17 る 31 17 る 45 | 10 m 33 | 18 <u>4</u> 2 | 26m38 | 25 🗷 23 | 18 궁 25 |
| 28S 29S | 8 mp 03 7 mp 56 | 16 ⊕ 13 | 24 m 53 25 m 24 | 23 ₹ 58 24 ₹ 26 | 16 궁 51 17 궁 06 | 9 mp 14 9 mp 08 | 17 ♀ 33 | 26 m. 01 26 m. 33 | 24 ₹ 54 25 ₹ 22 | 17643 18 る 00 | 10 m/26 10 m/20 | 18 2 53 | 27 m 09 27 m 40 | 25 ₹ 51 26 ₹ 18 | 18 5 39 |
| 30S | 7 mg 48 | 16-234 | 25 m 57 | 24 🗷 54 | 17중20 | 9 mp 01 | 17-11 | 27 m 05 | 25 × 51 | 18314 | 10 mg 14 | 19 - 17 | 28 m 13 | 26×10 | 19308 |
| 31S | 7 mg 43 | 16≗34 | 26 m 30 | 25 × 23 | 17 3 20 | 8 m ₂ 54 | 18207 | 27 m 38 | 26×31 | 18829 | 10 mg 14 | 19 29 | 28 m 47 | 20 x 47 27 x 15 | 19823 |
| 32S | 7 m 33 | 16≗57 | 27 m 04 | 25 ₹ 53 | 17중51 | 8 m/ 46 | 18≏20 | 28 m 13 | 26 ₹ 49 | 18344 | 10 mg 00 | 19 △ 43 | 29 m 21 | 27 ₹ 45 | 19중38 |
| 33S | 7 m 25 | 17 △ 09 | 27m40 | 26 ₹ 24 | 18중06 | 8 m/39 | 18 △ 33 | 28 m 49 | 27 ₹ 20 | 19800 | 9 m 53 | 19≏56 | 29 m 57 | 28 ₹ 15 | 19중53 |
| 34S | 7 m, 17 | 17≗21 | 28m17 | 26 ₹ 55 | 18중22 | 8 mg 31 | 18 ≏ 46 | 29 m 26 | 27 ₹ 51 | 19중15 | 9 mg 45 | 20 ₾ 11 | 0 ₹ 35 | 28 ∡ 46 | 20중09 |
| 35S | 7 m 08 | 17 ₾ 34 | 28 m 55 | 27 🗷 27 | 18중38 | 8 m 23 | 19 ₾ 00 | 0 ₹ 04 | 28 × 22 | 19중31 | 9 m 38 | 20 ₾ 26 | 1 🗷 13 | 29 🗷 18 | 20중25 |
| 36S 37S | 7 mp 00 6 mp 50 | 17 <u>₽</u> 48 | 29 m 35 0 ≈ 16 | 27 ₹ 59 28 ₹ 33 | 18 궁 55 19 궁 12 | 8 mp 15 8 mp 06 | 19 ≙ 15 | 0 ∡ 44 1 ∡ 26 | 28 ₹ 55 29 ₹ 28 | 19중48 20중05 | 9 mg 30 9 mg 22 | 20 <u>a</u> 42 | 1 ₹ 53 2 ₹ 35 | 29 ₹ 50 0 ₹ 23 | 20중41 20중58 |
| 38S | | 18 ≗ 03 | | 29 \$7 08 | | 7 m ₂ 57 | 19≗48 | | 0중03 | 20중22 | 9 mg 13 | | | | 21중15 |
| 39S | 6 m/ 31 | 18 ≏ 34 | 1 ≉ 44 | 29 ≉ 43 | 19중46 | 7 m/ 47 | 20 △ 05 | 2 ≉ 54 | 0중38 | 20중39 | 9 m 04 | 21 △ 35 | 4 ≉ 03 | 1중33 | 21중32 |
| 40S | 6 mg 21 | 18 🕰 52 | 2∡31 | 0중20 | 20중05 | 7 m, 37 | 20 2 23 | 3 ₹41 | 1중14 | 20중57 | 8 m, 55 | 21 ₾ 55 | 4 <i>₹</i> 150 | 2云09 | 21궁50 |
| 41S | 6 mg 10 | 19 ₾ 10 | 3 ∡ 20 | 0중57 | 20중23 | 7 m, 27 | 20요43 | 4 ∡ 30 | 1중52 | 21중16 | 8 mg 45 | 22 ₾ 16 | 5 ∡ 39 | 2중46 | 22중08 |
| 42S | 5 m 58 | 19 ₾ 29 | 4×11 | 1중36 | 20342 | 7 m 16 | 21 △ 04 | 5×121 | 2중30 | 21335 | 8 m 35 | 22 ₾ 38 | 6×30 | 3 궁 24 | 22827 |
| 43S 44S | 5 m/ 47 5 m/ 34 | 19 ♀ 50 20 ♀ 12 | 5 ₹ 04 6 ₹ 00 | 2정16 2정57 | 21중02 21중22 | 7 m ₂ 05 6 m ₂ 53 | 21 <u>⊕</u> 26 21 <u>⊕</u> 50 | 6∡15 7∡11 | 3중10 3중51 | 21중54 22중14 | 8 mg 24 8 mg 13 | 23 <u>a</u> 02 | 7 ₹ 24 8 ₹ 20 | 4중04 4중44 | 22 궁 46 23 궁 06 |
| 45S | 5 mg 21 | 20 - 36 | 6 <i>x</i> 59 | 3 공 40 | 21343 | 6 mp 41 | 22 <u>0</u> 15 | 8 7 10 | 4중33 | 22835 | 8 mg 01 | 23 ₾ 54 | 9.719 | 5중26 | 23826 |
| 46S | 5 mg 07 | 20 2 30 21 2 01 | 8×39 | 4 공 24 | 22304 | 6 m 28 | 22 <u>a</u> 43 | 9×10 | 5중17 | 22855 | 7 mg 48 | 24 <u>0</u> 23 | 10×19 | 6정09 | 23 공 47 |
| 47S | 4 m 53 | 21 ₾ 29 | 9 ∡ 107 | 5궁09 | 22중26 | 6 m 14 | 23 ≏ 12 | 10 ₮ 16 | 6중02 | 23중18 | 7 m 35 | 24 ≏ 54 | 11 ₹ 25 | 6궁54 | 24궁09 |
| 48S | 4 m 37 | 21 <u>0</u> 59 | 10×15 | 5중56 | 22349 | 5 m 59 | 23 <u>□</u> 44 | 11 🗷 25 | 6 궁 49 | 23~340 | 7 m 21 | 25 ₾ 28 | 12×33 | 7중41 | 24331 |
| 49S | 4 m/21 | 22 ₾ 31 | 11 🗷 28 | 6중45 | 23312 | 5 m/ 44 | 24 ₾ 19 | 12 ₹ 37 | 7 ප 37 | 24304 | 7 m, 07 | 26 ₾ 05 | 13 🗷 45 | 8중29 | 24355 |
| 50S | 4 mg 04 | 23 ₾ 07 | 12 🗷 45 | 7 る 36 | 23337 | 5 m 27 | 24 <u>0</u> 57 | 13 🗷 53 | 8 궁 27 | 24328 | 6 m 51 | 26 € 45 | 15 🗷 00 | 9중18 | 25중18 |
| 51S 52S | 3 m/45 3 m/26 | 23 <u>a</u> 46 24 <u>a</u> 29 | 14 ₹ 06 15 ₹ 31 | 8 궁 29 9 궁 23 | 24 궁 02 24 궁 28 | 5 m, 10 4 m, 51 | 25 <u>a</u> 38 26 <u>a</u> 24 | 15 ₹ 13 16 ₹ 38 | 9 궁 19 10 궁 14 | 24 궁 53 25 궁 19 | 6 mg 34 6 mg 16 | 27 <u>a</u> 29 28 <u>a</u> 17 | 16∡20 17∡44 | 10 さ 10 11 さ 04 | 25 궁 43 26 궁 09 |
| 53S | 3 mg 04 | 25 <u>₽</u> 16 | 17×102 | 10320 | 24 공 55 | 4 m/ 31 | 27 2 14 | 18×38 | 11310 | 25845 | 5 m 57 | 29 ₾ 11 | 19 \$7 13 | 11359 | 26중36 |
| 54S | 2 m/42 | 26≗09 | 18∡38 | 11중20 | 25중24 | 4 m/09 | 28 🕰 11 | 19∡44 | 12궁09 | 26중13 | 5 m/ 37 | 0 m 10 | 20∡48 | 12중57 | 27중03 |
| 55S | 2 m/17 | 27≗08 | 20 ₮ 21 | 12중21 | 25중53 | 3 m/46 | 29 ₾ 13 | 21 ∡ 25 | 13중10 | 26중43 | 5 m/ 14 | 1 m 16 | 22 ₹ 27 | 13궁58 | 27중32 |
| 56S | 1 m 51 | 28 ₾ 15 | 22 🗷 09 | 13326 | 26324 | 3 m/20 | 0m.24 | 23 🗷 12 | 14중13 | 27중13 | 4 m 50 | 2 m 30 | 24 🗷 13 | 15중00 | 28302 |
| 57S | 1 m/22 | 29 <u>a</u> 32 | 24 × 05 | 14중33 | 26중56 | 2 m 53 | 1 m 45 | 25 × 05 | 15 る 20 | 27845 | 4 m 24 | 3 m 55 | 26×105 | 16중06 | 28 궁 33 29 궁 06 |
| 58S 59S | 0 mp 51 0 mp 17 | 0 m 59 2 m 40 | 26 ∡ 07 28 ∡ 18 | 15중43 16중56 | 27중29 28중04 | 2 m, 23 1 m, 50 | 3 m. 16 5 m. 03 | 27 ∡ 06 29 ∡ 14 | 16궁29 17궁41 | 28 궁 18 28 궁 52 | 3 m/ 56 3 m/ 25 | 5 m 31 7 m 21 | 28 水 04 0 궁 10 | 17중14 18중26 | 29 중 06 29 중 40 |
| 60S | 29 239 | 4m.39 | 0중36 | 18중13 | 28341 | 1 mp 14 | 7 m. 06 | 1중30 | 18공57 | 29828 | 2 m 50 | 9 m 29 | 2 중 23 | 19중40 | 0≈16 |
| 61S | 28 N 58 | 6m.59 | 3중03 | 19중33 | 29819 | 0 mp 35 | 9 m 32 | 3 공 54 | 20중16 | 0≈06 | 2 mg 12 | 11 m 59 | 4 공 44 | 20중58 | 0≈10 |
| 62S | 28 <i>Ω</i> 12 | 9m.47 | 5중39 | 20궁57 | 0≈00 | 29 250 | 12 m 25 | 6중27 | 21중39 | 0≈46 | 1 m 30 | 14 m 56 | 7중13 | 22중20 | 1≈33 |
| 63S | 27 <i>ω</i> 20 | 13 m. 12 | 8324 | 22325 | 0≈42 | 29ଛ01 | 15 m. 54 | 9 궁 08 | 23중05 | 1≈29 | 0 m 43 | 18 m. 29 | 9중51 | 23345 | 2≈15 |
| 64S | 26 N 22 | 17m24 | 11중18 | 23중58 | 1≈27 | 28 A 05 | 20m.09 | 11중58 | 24중36 | 2≈13 | 29 N 49 | 22 m 45 | 12중37 | 25중15 | 2≈59 |
| 65S | 25 Ω 17 | 22 m 38 | 14중21 | 25중34 | 2≈15 | 27 \O 02 | 25 m 23 | 14궁56 | 26중11 | 3≈00 | 28 € 48 | 27 m 56 | 15중31 | 26중48 | 3≈45 |
| 66S | 24 Ω 02 23 Ω 15 | 29 m. 14 3 ≈ 40 | 17 る 32 19 る 24 | 27중16 28중15 | 3≈05 3≈35 | 25 Ω 49 25 Ω 04 | 1 ₹ 52 6 ₹ 09 | 18 궁 03 19 궁 52 | 27 궁 51 28 궁 49 | 3≈49 4≈19 | 27Ω39 26Ω55 | 4 ₹ 17 8 ₹ 25 | 18 궁 34 20 궁 20 | 28 궁 26 29 궁 24 | 4≈34 5≈03 |
| pc | 236613 | 3 x · 40 | 17024 | 20013 | دد∞د | 238604 | 0 8.09 | 19032 | 20049 | 72017 | 208633 | 0 x. 23 | 20020 | 22024 | J 2003 |

| | Sid.Tir MC: | | 0m AR 232'09 | CMC: 13 | 5°00' | Sid.Tir MC: | | 4m AR 232'01 | MC: 13 | 36°00' | Sid.Tir MC: | ne: 9h08 14 <i>Ω</i> | 8m AR 232'04 | RMC: 13 | 57°00' |
|------------|--|---------------------------------------|----------------------------------|--------------------------------|----------------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 13 mg 43 | 16≗16 | 17m27 | 16 <i>z</i> 11 | 13348 | 14 mp 47 | 17 ≏ 21 | 18m27 | 17∡06 | 14344 | 15 m, 52 | 18 ₾ 25 | 19m.27 | 18 ≉ 02 | 15중40 |
| | 13 mg 39 | 16≏23 | 17m46 | 16∡31 | 14궁00 | 14 mg 44 | 17≏28 | 18m46 | 17 <i>≱</i> 27 | 14궁55 | 15 m/49 | 18 ₾ 32 | 19m45 | 18 ₹ 22 | 15ਰ51 |
| 2S | 13 m 35 | 16 ₾ 29 | 18m.04 | 16 🗷 51 | 14311 | 14 m 40 | 17 ₾ 34 | 19m.05 | 17 🗷 47 | 15307 | 15 m 46 | 18 ₾ 40 | 20m.05 | 18 🗷 43 | 16중03 |
| 3S 4S | 13 m 32 13 m 28 | 16 ♀ 36 16 ♀ 42 | 18 m. 23 18 m. 42 | 17 ₹ 12 17 ₹ 32 | 14궁23 14궁35 | 14 mp 37 14 mp 34 | 17 ≏ 41 17 ≏ 48 | 19 m. 24 19 m. 43 | 18 ∡ 07 18 ∡ 28 | 15 궁 19 15 궁 30 | 15 m 42 15 m 39 | 18 ♀ 47 | 20 m. 24 20 m. 43 | 19 ₹ 03 19 ₹ 24 | 16중14 16중26 |
| 5S | 13 m 24 | 16-12 | 19 m. 02 | 17 × 52 | 14346 | 14 m 30 | 17-16 | 20 m.02 | 18 🗷 49 | 15842 | 15 mg 36 | 19 ₾ 02 | 21 m.03 | 19 🗗 44 | 16중37 |
| 6S | 13 m 20 | 16±49 | 19 m. 21 | 17 x · 33 | 14858 | 14 mg 26 | 18 <u>0</u> 33 | 20 m 22 | 19 \$7 09 | 15853 | 15 mp 33 | 19±02 | 21 m 23 | 20×144 | 16849 |
| 7S | 13 mg 17 | 17 ₾ 03 | 19m.41 | 18×34 | 15궁10 | 14 m 23 | 18 ₾ 10 | 20 m 42 | 19 🗷 30 | 16중05 | 15 m 29 | 19 ₾ 17 | 21 m 44 | 20 ₹ 26 | 17중00 |
| 8S | 13 mg 13 | 17≗10 | 20m01 | 18∡55 | 15중21 | 14 mg 19 | 18≏17 | 21 m 03 | 19∡751 | 16중17 | 15 m/26 | 19≏25 | 22 m 04 | 20 ҂ 47 | 17중12 |
| 9S | 13 mg 09 | 17≗17 | 20m21 | 19∡16 | 15중33 | 14 m, 15 | 18≏25 | 21 m 23 | 20 ₮ 12 | 16중28 | 15 mg 22 | 19₾33 | 22 m 25 | 21 ∡ 08 | 17중24 |
| 10S | 13 mg 05 | 17≏24 | 20m42 | 19∡137 | 15ਰ45 | 14 mg 12 | 18≏33 | 21 m 44 | 20 ₮ 33 | 16중40 | 15 mg 19 | 19 ≏ 41 | 22 m 46 | 21 ₹ 29 | 17ਰ35 |
| 118 | 13 m 01 | 17 ₾ 31 | 21 m 03 | 19 🗷 59 | 15 공 57 | 14 m 08 | 18 2 41 | 22 m 05 | 20 🗷 55 | 16352 | 15 m 15 | 19 2 50 | 23 m 08 | 21 🗷 51 | 17347 |
| 12S 13S | 12 m 57 12 m 52 | 17 ≗ 39 | 21 m.24 21 m.46 | 20 ₹21 20 ₹42 | 16 궁 09 16 궁 21 | 14 mg 04 14 mg 00 | 18 <u>2</u> 49 | 22 m 27 22 m 49 | 21 ∡ 17 21 ∡ 38 | 17중04 17중16 | 15 mg 12 15 mg 08 | 19 a 58 | 23 m.30 23 m.52 | 22 ∡ 13 22 ∡ 34 | 17 궁 59 |
| 14S | 12 mg 48 | 17≗55 | 22 m 08 | 21 🗷 04 | 16중33 | 13 m 56 | 19≗05 | 23 m 11 | 22 × 01 | 17828 | 15 mg 04 | 20 ≥ 16 | 24 m 14 | 22 × 57 | 18중23 |
| 15S | 12 m 44 | 18ჲ03 | 22 m 31 | 21 ₹ 27 | 16중45 | 13 m ₂ 52 | 19 ≏ 14 | 23 m.34 | 22 ₹ 23 | 17중40 | 15 mp 01 | 20 ₾ 25 | 24m37 | 23 🗷 19 | 18중35 |
| 16S | 12 mg 39 | 18 ₾ 11 | 22 m 54 | 21 🗷 49 | 16 공 57 | 13 m/ 48 | 19 ₾ 23 | 23 m 57 | 22 × 45 | 17 공 52 | 14 m 57 | 20 ₾ 34 | 25 m 01 | 23×17 | 18847 |
| 17S | 12 m 35 | 18 ₾ 20 | 23 m 17 | 22 ₹ 12 | 17る09 | 13 m 44 | 19≏32 | 24 m 21 | 23 ₮ 08 | 18중04 | 14 m 53 | 20 △ 44 | 25 m 25 | 24 ₹ 04 | 18궁59 |
| 18S | 12 m 30 | 18 ₾ 28 | 23 m.41 | 22 × 35 | 17 공 22 | 13 m 40 | 19 🕰 41 | 24 m 45 | 23 × 31 | 18316 | 14 m 49 | 20 ₾ 54 | 25 m 49 | 24 × 27 | 19811 |
| | 12 m/26 | 18 ₾ 37 | 24m.06 | 22 ₹ 59 | 17궁34 | 13 m ₂ 35 | 19₾51 | 25 m 10 | 23 🖈 55 | 18329 | 14 m 45 | 21 ₾ 04 | 26m.14 | 24 🗷 51 | 19중23 |
| 20S | 12 m 21 | 18 <u>0</u> 47 | 24 m 31 | 23 🗷 22 | 17 る 47 | 13 m 31 | 20 🖴 01 | 25 m 35 | 24 🗷 18 | 18341 | 14 m 41 | 21 🖴 14 | 26 m 40 | 25 × 14 | 19 궁 36 19 궁 48 |
| 21S 22S | 12 mg 16 12 mg 11 | 18 2 56 | 24 m. 56 25 m. 23 | 23 ∡ 46 24 ∡ 11 | 17 る 59 18 る 12 | 13 m 26 13 m 22 | 20 <u>2</u> 11 | 26 m. 01 26 m. 28 | 24 × 43 25 × 07 | 18 궁 54 19 궁 07 | 14 m 37 14 m 32 | 21 <u>a</u> 25 | 27 m. 06 27 m. 33 | 25 ₹ 38 26 ₹ 03 | 19848 20 중 01 |
| 23S | 12 mg 06 | 19 2 16 | 25 m 50 | 24×36 | 18825 | 13 m 17 | 20 ₾ 32 | 26 m 55 | 25 ₹ 32 | 19820 | 14 m 28 | 21 <u>△</u> 47 | 28 m 00 | 26 ₹ 28 | 20중14 |
| 24S | 12 mg 01 | 19ჲ27 | 26m17 | 25 ₮ 01 | 18중39 | 13 mg 12 | 20₾43 | 27 m 23 | 25 ₹ 57 | 19중33 | 14 m/ 23 | 21 ₾ 59 | 28 m 28 | 26 ₹ 53 | 20궁27 |
| 25S | 11 m/56 | 19ჲ37 | 26m46 | 25 ₹ 27 | 18궁52 | 13 m, 07 | 20ჲ54 | 27 m 51 | 26 ₹ 23 | 19궁46 | 14 m, 19 | 22 ₾ 11 | 28 m 57 | 27 ∡ 18 | 20중40 |
| 26S | 11 m 50 | 19 ₾ 49 | 27 m 15 | 25 ₹ 53 | 19궁05 | 13 mg 02 | 21 ₾ 06 | 28 m 21 | 26 ₹ 49 | 20중00 | 14 mg 14 | 22 | 29 m 26 | 27 ₹ 44 | 20궁54 |
| 27S | 11 mg 44 | 20 🖴 00 | 27 m 45 | 26 🗷 19 | 19궁19 | 12 m 57 | 21 🕰 18 | 28 m. 51 | 27 🗷 15 | 20중13 20중27 | 14 m 09 | 22 ₾ 36 | 29 m 57 | 28 🗷 11 | 21중07 21중21 |
| 28S 29S | 11 m ₂ 39 11 m ₂ 33 | 20 <u>a</u> 12 | 28 m. 16 28 m. 47 | 26 ₹ 46 27 ₹ 14 | 19 궁 33 19 궁 47 | 12 m ₂ 51 12 m ₂ 46 | 21 <u>a</u> 31 | 29 m.22 29 m.54 | 27 ₹ 42 28 ₹ 10 | 20 5 27 20 중 41 | 14 mg 04 13 mg 59 | 22 <u>a</u> 50 | 0∡28 1∡00 | 28 ₹38 29 ₹05 | 21821 |
| 30S | 11 m ₂ 27 | 20 - 23 | 29 m. 20 | 27 × 42 | 20중02 | 12 m 40 | 21 - 58 | 0 ₹ 27 | 28 🗷 38 | 20궁56 | 13 m ₂ 53 | 23 ₾ 18 | 1×33 | 29 🗷 33 | 21349 |
| 31S | 11 m/27 | 20 - 51 | 29 m 54 | 28 🗷 11 | 20302 | 12 m/ 34 | 22 <u>2</u> 12 | 1 × 27 | 29 🗷 06 | 21310 | 13 mg 48 | 23 € 33 | 2×33 | 0중02 | 22304 |
| 32S | 11 mg 14 | 21 ≏ 05 | 0 ₹ 29 | 28 ∡ 40 | 20중31 | 12 m/28 | 22 ≏ 27 | 1 ₹ 36 | 29 ₹ 36 | 21중25 | 13 m 42 | 23 <u>₽</u> 49 | 2 ₹ 43 | 0중31 | 22318 |
| 33S | 11 m 07 | 21 ₾ 20 | 1 🗷 05 | 29 🗷 11 | 20궁47 | 12 m/21 | 22 △ 43 | 2 🗷 12 | 0중06 | 21340 | 13 mg 36 | 24 ₾ 05 | 3 ₹ 19 | 1301 | 22333 |
| 34S | 11 mg 00 | 21 ≏ 35 | 1 ∡ 43 | 29 ₹ 41 | 21궁02 | 12 m, 15 | 22 ₾ 59 | 2 ₹ 50 | 0중36 | 21공55 | 13 m ₂ 30 | 24 ₾ 22 | 3 ₹ 57 | 1중31 | 22중49 |
| 35S | 10 m 53 | 21 🖴 51 | 2 7 21 | 0중13 | 21중18 | 12 m 08 | 23 ₾ 16 | 3 × 29 | 1308 | 22311 | 13 m 24 | 24 🖴 40 | 4×36 | 2정02 | 23중04 |
| 36S 37S | 10 mg 45 10 mg 38 | 22 <u>a</u> 08 | 3 ₹ 02 3 ₹ 43 | 0 궁 45 1 궁 18 | 21궁34 21궁51 | 12 mp 01 11 mp 54 | 23 <u>a</u> 34 | 4 ₹ 09 4 ₹ 51 | 1정40 2정13 | 22중27 22중44 | 13 mg 17 13 mg 10 | 24 <u>a</u> 59 25 <u>a</u> 19 | 5 x 16 5 x 58 | 2 3 34 3 3 07 | 23 중 20 23 중 36 |
| | 10 mg 29 | l | 1 | | 22 공 07 | | 24 <u>0</u> 13 | 5 x 35 | | | 13 mg 03 | | 6×142 | 3 ਰ 41 | 23853 |
| 39S | 10 m 21 | 23 ₾ 05 | 5 <i>≱</i> 12 | 2중27 | 22중25 | 11 m/38 | 24≗33 | 6 ₹ 20 | 3중21 | 23중17 | 12 m 56 | 26 ₾ 02 | 7 <i>≱</i> 127 | 4중15 | 24중10 |
| 40S | 10 mg 12 | 23 ₾ 25 | 5 <i>≱</i> 159 | 3중03 | 22342 | 11 m ₂ 30 | 24ჲ56 | 7 <i>≱</i> 107 | 3ਰ57 | 23335 | 12 mg 48 | 26 ₾ 25 | 8 <i>≱</i> 14 | 4궁50 | 24327 |
| 41S | 10 mg 03 | 23 <u>₽</u> 48 | 6∡148 | 3る40 | 23중01 | 11 m/21 | 25 🕰 19 | 7 ₹ 56 | 4중33 | 23중53 | 12 m/40 | 26≗50 | 9 ₹ 03 | 5827 | 24345 |
| 42S | 9 m 53 | 24 🕰 11 | 7×39 | 4궁18 | 23중19 | 11 m 12 | 25 <u>△</u> 44 | 8 ~ 47 | 5중11 | 24311 | 12 m 31 | 27 ₾ 16 | 9 🗷 54 | 6 궁 04 | 25중04 |
| 43S 44S | 9 m/43 9 m/33 | 24 \cdot 36 25 \cdot 03 | 8 ₹ 33 9 ₹ 28 | 4정57 5정37 | 23중38 23중58 | 11 m ₂ 03 10 m ₂ 53 | 26 <u>₽</u> 10 26 <u>₽</u> 38 | 9 ₹ 40 10 ₹ 36 | 5 궁 50 6 궁 30 | 24중30 24중50 | 12 m/23 12 m/13 | 27 <u>a</u> 43 | 10 ₹47 11 ₹43 | 6 공 43 7 공 23 | 25 궁 22 25 궁 42 |
| 45S | 9 m ₂ 21 | 25 € 32 | 10×27 | 6중19 | 24 공 18 | 10 mp 42 | 27 <u>2</u> 09 | 11 🗷 34 | 7중11 | 25310 | 12 m 04 | 28 <u>2</u> 45 | 12 🗷 41 | 8 국 04 | 26중02 |
| 43S 46S | 9 mg 21 | 25 2 32 26 2 02 | 10 x 27 | 7중02 | 24 日 18 | 10 mp 31 | 27 <u>2</u> 41 | 11 x 34 12 z 36 | 7554 | 25중31 | 12 m 53 | 29 <u>2</u> 18 | 12 x 41 13 x 42 | 8 공 46 | 26 중 22 |
| 47S | 8 m 57 | 26≗36 | 12 ₹ 33 | 7중46 | 25궁00 | 10 m/20 | 28 ₾ 16 | 13 ₹ 40 | 8동38 | 25중52 | 11 m 42 | 29 ₾ 55 | 14 ∡ 46 | 9829 | 26중43 |
| 488 | 8 mg 44 | 27 ₾ 11 | 13 🗷 41 | 8중32 | 25중23 | 10 m 07 | 28 ₾ 53 | 14 🗷 47 | 9중24 | 26중14 | 11 m 31 | 0 m. 34 | 15 × 52 | 10궁15 | 27중05 |
| 498 | 8 m/30 | 27 ₾ 50 | 14×752 | 9중20 | 25궁46 | 9 m, 54 | 29 ₾ 34 | 15 🗷 58 | 10중11 | 26336 | 11 mg 18 | 1 m. 17 | 17×103 | 11301 | 27327 |
| 50S | 8 mg 15 | 28 ₾ 33 | 16×107 | 10궁09 | 26중09 | 9 m 40 | 0m.18 | 17 × 12 | 10궁59 | 27중00 | 11 m 05 | 2 m 03 | 18 🗷 17 | 11 る 50 | 27중51 |
| 51S 52S | 8 mg 00 7 mg 43 | 29 <u>2</u> 19 0 m.09 | 17 ₹ 26 18 ₹ 49 | 11중00 11중53 | 26 궁 34 26 궁 59 | 9 m, 25 9 m, 09 | 1 m 07 2 m 00 | 18 ₹ 31 19 ₹ 53 | 11る50 12る43 | 27 중 24 27 중 49 | 10 m 51 10 m 37 | 2 m. 53 3 m. 48 | 19 ₹ 34 20 ₹ 56 | 12 る 40 13 る 32 | 28 궁 15 28 궁 39 |
| 53S | 7 m 25 | 1 m. 05 | 20 🗷 17 | 12348 | 27 공 25 | 8 m 52 | 2 m 58 | 21 🗷 20 | 13837 | 28315 | 10 mg 21 | 4 m 49 | 22 × 22 | 14 공 25 | 29중05 |
| 54S | 7 m, 05 | 2 m 07 | 21 ₹ 51 | 13중46 | 27중53 | 8 m/34 | 4m.03 | 22 ₹ 52 | 14중34 | 28중43 | 10 mg 03 | 5 m 56 | 23 ₹ 53 | 15중21 | 29중32 |
| 55S | 6 m/44 | 3 m. 17 | 23 ∡ 29 | 14궁45 | 28중21 | 8 mp 14 | 5 m 15 | 24 ₮ 30 | 15중33 | 29중11 | 9 m/ 45 | 7m.11 | 25 ₹ 29 | 16궁20 | 0≈00 |
| 56S | 6 m 21 | 4m.34 | 25 🗷 13 | 15847 | 28851 | 7 m 53 | 6m35 | 26 × 12 | 16중34 | 29340 | 9 m 25 | 8 m. 34 | 27×10 | 17820 | 0≈29 |
| 57S | 5 m 57 | 6 m 02 | 27 × 03 | 16궁52 | 29 궁 22 | 7 m 29 | 8 M . 06 | 28 × 01 | 17 3 38 | 0≈11 0≈43 | 9 m 03 | 10m.07 | 28 × 57 | 18 궁 23 | 0≈59 |
| 58S 59S | 5 mg 30 5 mg 00 | 7m.41 9m.35 | 29 <i>ス</i> 00 1 る 04 | 17る59 19る10 | 29⋜54 0≈28 | 7 mg 04 6 mg 36 | 9 m. 48 11 m. 46 | 29才56 1궁57 | 18 공 44 19 공 54 | 0≈43 | 8 mg 39 8 mg 13 | 11 m.52 13 m.52 | 0중51 2중50 | 19중29 20중38 | 1≈31 2≈04 |
| 60S | 4 m ₂ 27 | 11 m. 47 | 3중15 | 20중23 | 1≈04 | 6 mg 05 | 14 m 00 | 4정06 | 21중06 | 1≈51 | 7 mg 44 | 16 m 09 | 4정56 | 21349 | 2≈38 |
| 61S | 3 m ₂ 51 | 14m21 | 5중33 | 20523 | 1≈04 | 5 mg 31 | 16m.37 | 6 중 22 | 22822 | 2≈28 | 7 mg 12 | 18 m. 48 | 7중09 | 21 5 49 23 중 04 | 3≈15 |
| 62S | 3 mg 11 | 17m21 | 7궁59 | 23중01 | 2≈20 | 4 m 53 | 19m39 | 8정45 | 23중41 | 3≈06 | 6 m 36 | 21 m.52 | 9중30 | 24322 | 3≈53 |
| 63S | 2 m 26 | 20 m 55 | 10중34 | 24궁25 | 3≈01 | 4 m 10 | 23 m 14 | 11중16 | 25중04 | 3≈47 | 5 m 55 | 25 m 27 | 11공57 | 25844 | 4≈33 |
| 64S | 1 m ₂ 35 | 25 m 11 | 13중16 | 25중53 | 3≈44 | 3 m, 22 | 27 m 29 | 13궁54 | 26중31 | 4≈30 | 5 mg 10 | 29 m 39 | 14중33 | 27る09 | 5≈15 |
| 65S | 0 m 37 | 0×19 | 16중06 | 27중25 | 4≈30 | 2 m/26 | 2 🗷 32 | 16중41 | 28중02 | 5≈15 | 4 m 18 | 4×37 | 17815 | 28중39 | 5≈59 |
| | 29 A 30 | 6 \$7 30 | 19 궁 05 | 29중02 | 5≈18 | 1 m 23 | 8 🗷 33 | 19중35 | 29중37 | 6≈02 6≈30 | 3 m 17 | 10×28 | 20중06 | 0≈12 1≈07 | 6≈46 7×14 |
| pc | 28£48 | 10 ₹ 29 | 20중48 | 29중58 | 5≈46 | 0 m, 43 | 12 ₹ 24 | 21중16 | 0≈32 | 6≈30 | 2 m/40 | 14 ₹ 10 | 21중44 | 1≈07 | 7≈14 |

| | Sid.Tir MC: | | 2m AR .32'18 | MC: 13 | 8°00' | Sid.Tir MC: | | 6m AR 32'42 | MC: 13 | 9°00' | Sid.Tir MC: | ne: 9h20 17Ω | 0m AR | CMC: 14 | 0°00' |
|--------------|----------------------|---|-------------------------|----------------------------------|----------------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16 m ₂ 57 | 19ჲ30 | 20m26 | 18∡57 | 16중35 | 18 m _p 02 | 20요34 | 21 m 25 | 19∡53 | 17중31 | 19 m _p 07 | 21 ₾ 38 | 22 m 24 | 20 ∡ 48 | 18 궁 2 |
| 1S | 16 m 54 | 19≗37 | 20 m 45 | 19∡18 | 16중47 | 17 m 59 | 20 🖴 42 | 21 m 44 | 20 द 13 | 17중43 | 19 mg 04 | 21 △ 46 | 22 m 44 | 21 ∡ 09 | 18중3 |
| 2S | 16 mg 51 | 19 ≙ 45 | 21 m 04 | 19∡38 | 16궁59 | 17 m, 56 | 20≗50 | 22 m 04 | 20 ∡ 34 | 17중54 | 19 mg 02 | 21 ≏ 54 | 23 m 04 | 21 ∡ 29 | 18궁5 |
| 3S | 16 mg 48 | 19 ≏ 52 | 21 m 24 | 19∡59 | 17중10 | 17 m, 54 | 20≗58 | 22 m 24 | 20 ₹ 54 | 18중06 | 18 m, 59 | 22 ⊆ 03 | 23 m 24 | 21 ₹ 50 | 19중0 |
| 4S | 16 mg 45 | 20 ₾ 00 | 21 m.44 | 20 ∡ 19 | 17ਰ21 | 17 m, 51 | 21 ≏ 06 | 22 m.44 | 21 ₹ 15 | 18중17 | 18 m, 57 | 22 ₾ 12 | 23 m.44 | 22 ₮ 10 | 19중1 |
| 5S | $16\mathrm{m}42$ | 20 🖴 08 | 22 m 04 | 20 ∡ 40 | 17중33 | 17 m/48 | 21 ≏ 14 | 23 m 04 | 21 ∡ 36 | 18중29 | 18 m/54 | 22 ₾ 20 | 24 m 04 | 22 ∡ 31 | 19중2 |
| 6S | 16 m 39 | 20 ₾ 16 | 22 m 24 | 21 🗷 01 | 17344 | 17 m 45 | 21 ≏ 23 | 23 m 25 | 21 🗷 56 | 18중40 | 18 m 52 | 22 ₾ 29 | 24 m 25 | 22 ₹ 52 | 19중3 |
| 7S | 16 m 36 | 20 ₾ 24 | 22 m 45 | 21 🗷 22 | 17궁56 | 17 m 42 | 21 ₾ 31 | 23 m 45 | 22 🗷 17 | 18352 | 18 m 49 | 22 ₾ 38 | 24 m 46 | 23 🗷 13 | 1934 |
| 8S 9S | 16 m 33 16 m 29 | 20 <u>a</u> 33 | 23 m 05 23 m 26 | 21 ∡ 43 22 ∡ 04 | 18 궁 08 18 궁 19 | 17 m ₂ 39 17 m ₂ 37 | 21 <u>a</u> 40 | 24 m 06 24 m 28 | 22 ₹ 38 23 ₹ 00 | 19 궁 03 19 궁 15 | 18 mp 46 18 mp 44 | 22 <u>a</u> 47 | 25 m 07 25 m 29 | 23 ₹ 34 23 ₹ 55 | 19 궁 5 20 궁 1 |
| | | | | | | | | | | | | | | | |
| los | 16 m 26 | 20 ₾ 50 | 23 m 48 | 22 🗷 25 | 18중31 | 17 m 34 | 21 ₾ 58 | 24 m 49 | 23 🗷 21 | 19중26 | 18 m 41 | 23 ₾ 06 | 25 m 51 | 24 🗷 17 | 20중2 |
| 1S 2S | 16 m/23 16 m/20 | 20 <u>a</u> 59 21 <u>a</u> 08 | 24 m 10 24 m 32 | 22 ₹ 47 23 ₹ 08 | 18 공 42 18 공 54 | 17 mp 31 17 mp 28 | 22 ♀ 07 22 ♀ 17 | 25 m 11 25 m 34 | 23 ₹ 42 24 ₹ 04 | 19 궁 38 19 궁 49 | 18 mp 38 18 mp 36 | 23 <u>□</u> 16 23 <u>□</u> 26 | 26 m 13 26 m 35 | 24 ₹ 38 25 ₹ 00 | 20중3 20중4 |
| 3S | 16 mg 16 | 21 <u>2</u> 08 | 24 m 54 | 23 x · 08 23 x · 30 | 19중06 | 17 mg 24 | 22 <u>2</u> 17 | 25 m 56 | 24×104 24×126 | 20중01 | 18 m ₂ 33 | 23 € 26 | 26 m 58 | 25 x 00 25 x 22 | 2084 |
| 14S | 16 mg 13 | 21 □ 27 | 25 m 17 | 23 × 52 | 19공18 | 17 m/24 | 22 <u>0</u> 36 | 26 m 19 | 24×26 | 20당13 | 18 mg 30 | 23 € 46 | 27 m. 21 | 25 × 44 | 2003 21 3 0 |
| 15S | | | | | 19중30 | | 22 △ 46 | | | 20중25 | 18 m 27 | | 27 m 45 | | 21중2 |
| 16S | 16 mp 09 16 mp 06 | 21 <u>□</u> 36 21 <u>□</u> 46 | 25 m 40 26 m 04 | 24 ₹ 15 24 ₹ 37 | 19 5 30 | 17 mp 18 17 mp 15 | 22 <u>4</u> 46 | 26 m. 43 27 m. 07 | 25 ₹ 10 25 ₹ 33 | 20등23 | 18 mp 24 | 23 <u>a</u> 57 | 2711145 28111.09 | 26 ₹ 06 26 ₹ 28 | 2162 |
| 17S | 16 mg 02 | 21 € 40 | 26 m 28 | 25×100 | 19842 19 공 54 | 17 mg 13 | 23 2 07 | 27 m 31 | 25 ₹ 56 | 20 3 37 20 3 49 | 18 m/ 21 | 24 <u>a</u> 19 | 28 m 34 | 26 × 51 | 2133 |
| 18S | 15 mg 58 | 22 2 06 | 26 m 53 | 25 × 23 | 20중06 | 17 mg 08 | 23 € 18 | 27 m 56 | 26×19 | 21중01 | 18 mg 18 | 24 <u>0</u> 30 | 28 m 59 | 20 × 31 27 × 14 | 2185 |
| 98 | 15 m/ 55 | 22 <u>□</u> 17 | 27 m 18 | 25 ₹ 46 | 20중18 | 17 mg 05 | 23 <u>□</u> 29 | 28 m 21 | 26 ₹ 42 | 21313 | 18 mg 15 | 24 <u>0</u> 42 | 29 m 24 | 27 × 38 | 22중0 |
| 205 | 15 m ₂ 51 | 22 | 27 m 44 | 26∡10 | 20중31 | 17 m ₂ 01 | 23 ≙ 41 | 28 m.47 | 27 ≉ 06 | 21중25 | 18 mp 11 | 24 <u>₽</u> 54 | 29 m 50 | 28 ₹ 01 | 22 云 2 |
| 218 | 15 mg 47 | 22 ₾ 39 | 28 m 10 | 26×10 | 20중43 | 16 m 57 | 23 € 53 | 29 m 14 | 27 x 30 27 x 30 | 21 중 38 | 18 mg 08 | 25 ₾ 06 | 17 تح | 28 \$\times 25 | 2233 |
| 22S | 15 m 43 | 22 - 50 | 28 m 37 | 26 ₹ 58 | 20궁56 | 16 m 54 | 24 ⊆ 05 | 29 m 41 | 27 ₹ 54 | 21궁50 | 18 mg 05 | 25 ₾ 19 | 0 ₹ 44 | 28 × 49 | 2234 |
| 23S | 15 m 39 | 23 ₾ 02 | 29 m 04 | 27 ₹ 23 | 21궁09 | 16 m 50 | 24 ≏ 17 | 0 ₹ 09 | 28 ₹ 19 | 22중03 | 18 m 01 | 25 ≏ 32 | 1 ₹ 12 | 29 ₮ 14 | 2235 |
| 24S | 15 mg 35 | 23 ₾ 15 | 29 m 33 | 27 ҂ 48 | 21중21 | 16 mg 46 | 24 ₾ 30 | 0∡37 | 28 ∡ 44 | 22중16 | 17 m, 58 | 25 ≙ 45 | 1 ₹41 | 29 ∡ 39 | 23중1 |
| 25S | 15 mg 30 | 23 ≏ 27 | 0∡02 | 28 ≉ 14 | 21중35 | 16 mg 42 | 24 | 1 ≉ 06 | 29 ₹ 09 | 22829 | 17 m ₂ 54 | 25 ₾ 59 | 2 ₹ 10 | 0중04 | 2382 |
| 26S | 15 mg 26 | 23 ≏ 40 | 0∡31 | 28 ∡ 40 | 21중48 | 16 mg 38 | 24≗57 | 1 ₹ 36 | 29 ₹ 35 | 22342 | 17 m, 50 | 26 □ 13 | 2 ₹ 40 | 0동30 | 23중3 |
| 27S | 15 m/21 | 23 ≏ 54 | 1 ∡ 02 | 29 ₹ 06 | 22중01 | 16 mg 34 | 25 ≏ 11 | 2 ₹ 07 | 0중01 | 22궁55 | 17 mg 47 | 26 ₾ 28 | 3 ₹ 11 | 0중56 | 23중5 |
| 28S | 15 m 17 | 24 ₾ 08 | 1 🗷 33 | 29 ₹ 33 | 22중15 | 16 m 30 | 25 | 2 🗷 38 | 0중28 | 23중09 | 17 m 43 | 26 ₾ 44 | 3 🗷 43 | 1323 | 24중0 |
| 29S | 15 mg 12 | 24 ≏ 23 | 2 ₹ 06 | 0중00 | 22궁29 | 16 m, 25 | 25 △ 41 | 3 ₹ 11 | 0중55 | 23중23 | 17 m, 39 | 27≗00 | 4 <i>≱</i> 15 | 1중50 | 24중1 |
| 30S | 15 mg 07 | 24 ≏ 38 | 2 ₹ 39 | 0중28 | 22중43 | 16 m/21 | 25 ≏ 57 | 3 ₹ 44 | 1궁23 | 23중37 | 17 mg 35 | 27 ≏ 16 | 4 <i>≯</i> 149 | 2중18 | 24중3 |
| 31S | 15 m 02 | 24 ₾ 54 | 3 🗷 13 | 0중57 | 22중57 | 16 m 16 | 26 ₾ 14 | 4×19 | 1공51 | 23중51 | 17 m 30 | 27 ₾ 33 | 5 7 23 | 2346 | 2434 |
| 32S 33S | 14 m 56 14 m 51 | 25 ≘ 10 25 ≘ 27 | 3 ∡ 49 4 ∡ 25 | 1중26 1중55 | 23중12 23중27 | 16 mp 11 16 mp 06 | 26 ♀ 31 26 ♀ 49 | 4 ₹ 54 5 ₹ 31 | 2 궁 20 2 궁 50 | 24중06 24중20 | 17 m, 26 17 m, 21 | 27 <u>2</u> 51 28 <u>2</u> 10 | 5 ₹ 59 6 ₹ 36 | 3정15 3정44 | 24궁59 25궁14 |
| 34S | 14 mg 45 | 25 <u>a</u> 27 | 5 ₹ 03 | 1833 2 8 26 | 23 중 27 23 중 42 | 16 mg 01 | 27 <u>0</u> 08 | 6 ₹ 09 | 3 3 20 | 24 8 20 24 8 35 | 17 mg 21 | 28 € 30 | 0x·30 7∡14 | 4정14 | 25중2 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 14 m 39 14 m 33 | 26 a 04 26 a 24 | 5 ₹ 42 6 ₹ 23 | 2정57 3정28 | 23중58 24중13 | 15 m 55 15 m 50 | 27 ≏ 28 27 ≏ 48 | 6 ₹ 48 7 ₹ 28 | 3 궁 51 4 궁 22 | 24 궁 51 25 궁 06 | 17 mp 11 17 mp 06 | 28 <u>a</u> 50 | 7 ₹ 53 8 ₹ 33 | 4정45 5정16 | 25 공 4 |
| 37S | 14 mg 27 | 26 - 45 | 7×105 | 4 공 01 | 24 3 13 24 3 29 | 15 m 44 | 28 ⊆ 10 | 8×10 | 4322 4355 | 25 중 22 | 17 mg 00 | 29 □ 34 | 9×15 | 5 공 48 | 26중1 |
| 38S | 14 m 20 | | | | | 15 m ₂ 38 | | 8 × 10 | | 25중39 | 16 m ₂ 55 | | 1 | 6 공 21 | |
| 39S | 14 m 14 | 27 ₾ 30 | 8 <i>≱</i> 133 | 5ਰ09 | 25중03 | 15 m/31 | 28 ≏ 57 | 9 ₹ 39 | 6중02 | 25중55 | 16 m 50 | 0 m. 23 | 10 ₹ 44 | 6ਰ55 | 26중48 |
| 10S | 14 m ₂ 06 | 27 2 54 | 9∡20 | 5중44 | 25중20 | 15 m ₂ 25 | 29 ≏ 22 | 10∡26 | 6중37 | 26중12 | 16 mp 44 | 0 m. 49 | 11∡31 | 7궁30 | 27ਰ0: |
| 41S | 13 mg 59 | 28 ₾ 19 | 10 \$7 09 | 6중20 | 25중38 | 15 mg 18 | 29 △ 49 | 11 🗷 15 | 7 당 13 | 26중30 | 16 mg 37 | 1 m 17 | 12×20 | 8중05 | 2782 |
| 12S | 13 m 51 | 28 🕰 47 | 11∡00 | 6궁57 | 25중56 | 15 mg 11 | 0m.17 | 12 ∡ 06 | 7중50 | 26중48 | 16 m/31 | 1 m.47 | 13 ₮ 10 | 8중42 | 27중40 |
| 13S | 13 mg 43 | 29 ≏ 16 | 11 ₹ 53 | 7중35 | 26중14 | 15 mg 03 | 0m.47 | 12∡58 | 8중28 | 27중06 | 16 mg 24 | 2 m 18 | 14∡03 | 9る20 | 27중5 |
| 14S | 13 mg 34 | 29 ≏ 47 | 12 ∡ 49 | 8중15 | 26중34 | 14 m, 55 | 1 m. 19 | 13 ₹ 54 | 9 궁 07 | 27중25 | 16 m, 17 | 2 m 51 | 14∡758 | 9궁58 | 28중1 |
| 45S | 13 m/25 | 0 m. 20 | 13 🗷 47 | 8중55 | 26중53 | 14 m/47 | 1 m. 54 | 14∡151 | 9ਰ47 | 27중45 | 16 mg 09 | 3 m 27 | 15 ≉ 55 | 10중38 | 28중3 |
| 6S | 13 m 15 | 0m.55 | 14 ∡ 47 | 9 궁 37 | 27ਰ13 | 14 m/38 | 2m30 | 15 ₹ 52 | 10궁29 | 28중05 | 16 m 01 | 4m.05 | 16 ₹ 55 | 11320 | 28궁5 |
| 7S | 13 m 05 | 1 m. 33 | 15 \$7 51 | 10중21 | 27중34 | 14 m 29 | 3 m. 10 | 16 🗷 55 | 11311 | 28326 | 15 m 52 | 4 m 45 | 17×758 | 12302 | 29중1 |
| 8S | 12 m 55 | 2m.14 | 16∡57 18∡07 | 11공05 | 27궁56 | 14 m 19 | 3 m 52 | 18 ₹ 01 19 ₹ 10 | 11공56 | 28347 | 15 m 43 | 5 m 29 | 19×104 | 12346 | 29중3 |
| 19S | 12 m/43 | 2 m 58 | | 11공51 | 28중18 | 14 m, 08 | 4m.38 | | 12중42 | 29중09 | 15 m/34 | 6m.17 | 20 🗷 12 | 13중31 | 0≈0 |
| SOS | 12 m 31 | 3 m 46 | 19 🗷 20 | 12중39 | 28중41 | 13 m 57 | 5m28 | 20 🗷 23 | 13궁29 | 29중32 | 15 m 23 | 7m.08 | 21 🗷 24 | 14궁18 | 0 ≈ 2 |
| 51S 52S | 12 mg 18 12 mg 04 | 4 m 38 5 m 35 | 20 ∡ 37 21 ∡ 58 | 13궁29 14궁20 | 29 궁 05 29 궁 30 | 13 m/45 13 m/32 | 6m.22 7m.21 | 21 ∡ 39 22 ∡ 59 | 14궁18 15궁09 | 29 ප 55 0≈20 | 15 mp 12 15 mp 01 | 8 m 03 9 m 04 | 22 ∡ 40 23 ∡ 59 | 15 る 07 15 る 57 | 0≈4 1≈1 |
| 3S | 12 np 04 11 mp 49 | 6m.38 | 21 × 38 23 × 23 | 14 5 20 | 29 ~ 30 29 ~ 55 | 13 mg 19 | 8 m 25 | 24 × 23 | 13 5 09 | 0≈20 | 13 llg 01 14 llg 48 | 10 m 10 | 25 × 22 | 13 6 37 | 1≈1 |
| 4S | 11 mg 33 | 7 m. 47 | 24 × 53 | 16중09 | 0≈22 | 13 mg 04 | 9m.36 | 25 × 52 | 16공56 | 1≈11 | 14 m/ 35 | 11 m. 23 | 26 × 50 | 17 3 43 | 2≈0 |
| 55S | 11 mg 16 | 9 m 04 | 26 ₹ 28 | 17중06 | 0≈49 | 12 mp 48 | 10 m. 55 | 27 ₹ 25 | 17중53 | 1≈38 | 14 m 20 | 12 m 44 | 28 ₹ 22 | 18중39 | 2≈2 |
| 6S | 10 mp 57 | 10m29 | 20 x 28 28 ₹ 08 | 18중06 | 1≈18 | 12 mg 30 | 10 IL 33 | 27 × 23 29 × 04 | 17633 18 そ 52 | 2≈07 | 14 mg 20 | 14 m 13 | 29 × 59 | 19중38 | 2≈2 |
| 7S | 10 mg 37 | 12 m. 05 | 29 × 53 | 19중09 | 1≈48 | 12 mg 12 | 14 m. 00 | 0중48 | 19 공 54 | 2≈36 | 13 m 47 | 15 m. 52 | 1342 | 20중38 | 3≈2 |
| 58S | 10 mg 15 | 13 m 53 | 1344 | 20중14 | 2≈19 | 11 m 51 | 15 m 50 | 2중37 | 20궁58 | 3≈07 | 13 m 28 | 17 m. 43 | 3중29 | 21342 | 3≈5 |
| 9S | 9 m, 50 | 15 m 55 | 3중42 | 21중21 | 2≈52 | 11 m/28 | 17m.53 | 4중33 | 22중04 | 3≈39 | 13 m 07 | 19 m 49 | 5중23 | 22중48 | 4≈2 |
| 60S | 9 m 23 | 18m.14 | 5ਰ46 | 22중32 | 3≈26 | 11 m ₂ 03 | 20 m. 14 | 6궁34 | 23중14 | 4≈13 | 12 m/44 | 22 m. 10 | 7중22 | 23궁56 | 5≈0 |
| 1S | 8 m 53 | 20m.54 | 7중56 | 23345 | 4≈02 | 10 m/35 | 22 m 55 | 8중42 | 24궁27 | 4≈48 | 12 m 19 | 24 m 51 | 9궁28 | 25중08 | 5≈3 |
| 52S | 8 mg 20 | 23 m 58 | 10궁14 | 25중02 | 4≈39 | 10 mg 04 | 25 m 59 | 10궁57 | 25중43 | 5≈25 | 11 m 50 | 27 m 56 | 11궁40 | 26궁23 | 6≈1 |
| 63S | 7 m 42 | 27 m 33 | 12중38 | 26중23 | 5≈19 | 9 m 29 | 29 m 32 | 13중19 | 27중02 | 6≈04 | 11 mp 18 | 1 🗷 27 | 13중59 | 27841 | 6≈5 |
| | 6 m 59 | 1 ₹ 42 | 15궁10 | 27중47 | 6≈00 | 8 m, 50 | 3 ₹ 39 | 15궁48 | 28중25 | 6≈46 | 10 mg 41 | 5 ₹ 30 | 16궁25 | 29중02 | 7≈3 |
| 54S | | | | | | | 0 - 25 | 10-01 | 20-51 | 7 20 | 0 - 50 | 10 300 | 10-50 | | 8≈1 |
| 55S | 6 mg 10 | 6₹35 | 17る50 | 29ਰ15 | 6≈44 | 8 mj 04 | 8 ₹ 25 | 18중24 | 29ਰ51 | 7≈29 | 9 m, 59 | 10 ₮ 09 | 18중58 | 0≈28 | |
| | | 6 \$\times 35 12 \$\times 15 15 \$\times 49 | 17る50 20る36 22る13 | 29♂15 0≈47 1≈41 | 6≈44 7≈31 7≈58 | 8 m 04 7 m 12 6 m 38 | 8 ₹ 25 13 ₹ 55 17 ₹ 22 | 18중24 21중07 22중41 | 1≈22 2≈15 | 7≈29 8≈15 8≈41 | 9 mg 59 9 mg 11 8 mg 40 | 15 × 30 15 × 49 | 18638 21중37 23중09 | 0≈28 1≈57 2≈49 | 8≈5 9≈2 |

| | Sid.Tir MC: | | 4m AR .34'04 | MC: 14 | ·1°00' | Sid.Tir MC: | | 8m AR 235'02 | MC: 14 | 12°00' | Sid.Tir MC: | ne: 9h32 20 <i>ຄ</i> | 2m AR .36'10 | RMC: 14 | 13°00' |
|------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 20 mg 12 | 22 ≏ 42 | 23 m 23 | 21 ≉ 43 | 19궁24 | 21 m, 17 | 23 ≏ 46 | 24 m 21 | 22 ∡ 39 | 20중20 | 22 m/22 | 24 ≏ 49 | 25 m 20 | 23 ∡ 34 | 21316 |
| 1S | 20 m 10 | 22 ⊆ 50 | 23 m.43 | 22 ⋠ 04 | 19중35 | 21 m 15 | 23 ₾ 55 | 24 m 42 | 22 z 59 | 20중31 | 22 m 20 | 24 ₾ 59 | 25 m 40 | 23 ₹ 54 | 21궁27 |
| 2S | 20 m 07 | 22 ₾ 59 | 24m.03 | 22 🗷 24 | 19궁46 | 21 m 13 | 24 🕰 04 | 25 m 02 | 23 🗷 20 | 20342 | 22 m 19 | 25 ₾ 08 | 26m.01 | 24 🗷 15 | 21339 |
| 3S 4S | 20 m 05 20 m 03 | 23 <u>a</u> 08 23 <u>a</u> 17 | 24 m 23 24 m 43 | 22 ₹ 45 23 ₹ 06 | 19 궁 58 20 궁 09 | 21 mp 11 21 mp 09 | 24 <u>0</u> 13 | 25 m 22 25 m 43 | 23 ∡ 40 24 ∡ 01 | 20중54 21중05 | 22 m, 17 22 m, 15 | 25 <u>a</u> 18 25 <u>a</u> 27 | 26m21 26m42 | 24 ∡ 36 24 ∡ 56 | 21중50 22중01 |
| 5S | 20 mg 01 | 23 <u>□</u> 26 | 25 m 04 | 23 × 27 | 20중20 | 21 m ₂ 07 | 24 - 32 | 26 m 04 | 24 🗷 22 | 21316 | 22 mg 13 | 25 □ 37 | 27 m 03 | 25 × 17 | 22312 |
| 6S | 19 m 58 | 23 € 26 | 25 m 25 | 23 x 27 23 x 47 | 20중32 | 21 mg 07 | 24 <u>2</u> 32 24 <u>2</u> 41 | 26 m 25 | 24 x 22 24 x 43 | 21810 | 22 m 12 | 25 <u>2</u> 37 | 27 m 25 | 25 × 17 | 22823 |
| 7S | 19 m 56 | 23 <u>△</u> 45 | 25 m 46 | 24 ₹ 08 | 20중43 | 21 m 03 | 24≗51 | 26 m 46 | 25 ₹ 04 | 21839 | 22 m 10 | 25 ₾ 58 | 27 m 46 | 25 ₹ 59 | 22중35 |
| 8S | 19 mg 54 | 23 ≏ 54 | 26m08 | 24 ₹ 29 | 20궁54 | 21 mg 01 | 25 🖴 01 | 27 m 08 | 25 ₹ 25 | 21궁50 | 22 mg 08 | 26≗08 | 28 m 08 | 26 ₹ 20 | 22346 |
| 9S | 19 m 51 | 24 ₾ 04 | 26m29 | 24 ₹ 51 | 21궁06 | 20 m, 59 | 25 ₾ 11 | 27 m 30 | 25 ∡ 46 | 22중01 | 22 m, 06 | 26 ₾ 19 | 28m30 | 26 ₹41 | 22궁57 |
| 10S | 19 mg 49 | 24 ₾ 14 | 26 m 52 | 25 ₮ 12 | 21궁17 | 20 m/56 | 25 ₾ 22 | 27 m 52 | 26 ₮ 07 | 22중13 | 22 mg 04 | 26 ₾ 29 | 28 m 53 | 27 द 03 | 23중08 |
| 118 | 19 mg 46 | 24 ₾ 24 | 27m.14 | 25 × 34 | 21궁29 | 20 m 54 | 25 △ 32 | 28 m 15 | 26 🗷 29 | 22324 | 22 m 02 | 26 ₾ 40 | 29 m 15 | 27 🗷 24 | 23중20 |
| 12S 13S | 19 mp 44 19 mp 41 | 24 <u>a</u> 35 | 27 m 37 28 m 00 | 25 ₹ 55 26 ₹ 17 | 21 궁 40 21 궁 52 | 20 m/52 20 m/50 | 25 <u>a</u> 43 | 28 m. 38 29 m. 01 | 26 ∡ 51 27 ∡ 12 | 22중36 22중47 | 22 m, 00 21 m, 58 | 26 \omega 51 \\ 27 \omega 03 | 29 m 39 0 ≈ 02 | 27 ₹ 46 28 ₹ 08 | 23중31 23중43 |
| 14S | 19 mg 39 | 24 <u>2</u> 56 | 28 m 23 | 26×17 | 22 중 03 | 20 m/ 47 | 26 2 05 | 29 m 25 | 27 × 12 | 22859 | 21 m/ 56 | 27 € 14 | 0 x 02 0 x 26 | 28 ₹ 30 | 23 공 54 |
| 15S | 19 m 36 | 25 2 07 | 28m.47 | 27×101 | 22중15 | 20 m ₂ 45 | 26 2 17 | 29 m 49 | 27 <i>≱</i> 57 | 23중10 | 21 m 54 | 27.26 | 0 <i>≱</i> 50 | 28 ₹ 52 | 24306 |
| 16S | 19 mg 33 | 25 <u>□</u> 18 | 29 m. 11 | 27×01 | 22827 | 20 m/43 | 26 ₾ 29 | 0 \$7 13 | 28 × 19 | 23822 | 21 m/ 52 | 27 <u>~</u> 39 | 1 🗷 15 | 29 × 14 | 24317 |
| 17S | 19 m 30 | 25 🖴 30 | 29 m 36 | 27 ₹ 47 | 22중39 | 20 m/40 | 26 ≏ 41 | 0∡38 | 28 ∡ 42 | 23중34 | 21 m 50 | 27≗51 | 1 ≉ 40 | 29 ∡ 37 | 24중29 |
| 18S | 19 m 28 | 25 △ 42 | 0 ₹ 01 | 28 × 10 | 22351 | 20 m 38 | 26 ♀ 53 | 1 🗷 03 | 29 × 05 | 23346 | 21 m 48 | 28 ₾ 04 | 2 ₹ 05 | 0중00 | 24341 |
| 19S | 19 m 25 | 25 | 0 ₹ 27 | 28 ₹ 33 | 23중03 | 20 m/35 | 27 ₾ 05 | 1 ₹ 29 | 29 🗷 28 | 23358 | 21 m 45 | 28 ₾ 17 | 2 🗷 31 | 0중23 | 24853 |
| 20S 21S | 19 mg 22 19 mg 19 | 26 <u>a</u> 06 26 <u>a</u> 19 | 0 ₹ 53 1 ₹ 20 | 28 ₹ 56 29 ₹ 20 | 23중15 23중27 | 20 m/33 20 m/30 | 27 ♀ 18 27 ♀ 32 | 1 ∡ 56 2 ∡ 23 | 29才52 0궁15 | 24중10 24중22 | 21 m 43 21 m 41 | 28 <u>a</u> 30 | 2 ₹ 58 3 ₹ 25 | 0중47 | 25 궁 05 25 궁 17 |
| 21S 22S | 19 m 16 | 26 2 32 | 1 x 20 | 29 × 20 29 × 44 | 23·527 23·중39 | 20 m 27 | 27 <u>11</u> 32 27 <u>11</u> 32 | 2 x 23 | 0중39 | 24822 | 21 m 38 | 28 <u>a</u> 44 | 3 x 23 | 1 3 10 1 3 34 | 25 5 17 |
| 23S | 19 mg 13 | 26 2 46 | 2 🗷 16 | 0중09 | 23 공 52 | 20 m/24 | 28 <u>2</u> 00 | 3 × 19 | 1중04 | 24847 | 21 m/ 36 | 29 ₾ 13 | 4×21 | 1859 | 25841 |
| 24S | 19 mg 10 | 27≗00 | 2 ∡ 44 | 0중34 | 24중05 | 20 m, 22 | 28 🕰 14 | 3 ∡ 47 | 1궁29 | 24궁59 | 21 m/34 | 29 ₾ 28 | 4 ₹ 50 | 2る23 | 25중54 |
| 25S | 19 mg 06 | 27 ≏ 14 | 3 ∡ 14 | 0궁59 | 24중18 | 20 m, 19 | 28 🕰 29 | 4 <i>≱</i> 17 | 1궁54 | 25중12 | 21 m/31 | 29 △ 44 | 5 ₹ 20 | 2548 | 26중06 |
| 26S | 19 mg 03 | 27 <u>₽</u> 29 | 3 ₹ 44 | 1중25 | 24궁31 | 20 m/16 | 28 △ 45 | 4 <i>≯</i> 147 | 2중19 | 25825 | 21 m 28 | 0 m 00 | 5×150 | 3ਰ14 | 26궁19 |
| 27S | 19 mg 00 | 27 △ 45 | 4×15 | 1 공 51 | 24궁44 24궁57 | 20 m 13 | 29 🕰 01 | 5×18 | 2 3 45 | 25중38 | 21 m 26 | 0m.17 | 6×21 | 3 공 40 | 26332 |
| 28S 29S | 18 m 56 18 m 52 | 28 ♀ 01 28 ♀ 17 | 4 ₹ 47 5 ₹ 20 | 2정17 2정44 | 24 6 37 25 중 11 | 20 m, 09 20 m, 06 | 29 <u>a</u> 18 | 5 ₹ 50 6 ₹ 23 | 3중12 3중39 | 25 궁 51 26 궁 05 | 21 m/23 21 m/20 | 0 m. 34 0 m. 52 | 6 ₹ 53 7 ₹ 26 | 4 3 06 4 3 33 | 26 궁 45 26 궁 59 |
| 30S | 18 m 49 | 28 ♀ 35 | 5 ₹ 53 | 3중12 | 25중24 | 20 m 03 | 29 ₾ 53 | 6 × 23 | 4중06 | 26중18 | 21 m 17 | 1 m. 10 | 8 🗷 00 | 5정00 | 27812 |
| 31S | 18 mg 45 | 28 <u>2</u> 53 | 6 <i>x</i> 28 | 3 3 12 | 25 공 39 | 19 m 59 | 0m.11 | 7 ₹ 32 | 4중34 | 26 중 32 | 21 mg 17 | 1 m. 30 | 8 x 35 | 5 공 28 | 27826 |
| 32S | 18 mg 41 | 29 ≏ 11 | 7 ₹ 03 | 4궁09 | 25중53 | 19 m 56 | 0m.31 | 8 ₹ 07 | 5중03 | 26중46 | 21 m, 11 | 1 m. 50 | 9 ∡ 11 | 5궁57 | 27840 |
| 33S | 18 m 37 | 29 ₾ 31 | 7 ≯ 40 | 4중38 | 26중07 | 19 m 52 | 0m.51 | 8 ₹ 44 | 5중32 | 27중01 | 21 m 08 | 2 m. 11 | 9×148 | 6중25 | 27854 |
| 34S | 18 mg 32 | 29 ≏ 51 | 8 ₹ 18 | 5중08 | 26중22 | 19 m, 48 | 1 m. 12 | 9 ₹ 22 | 6중02 | 27중15 | 21 mg 04 | 2 m. 32 | 10∡26 | 6궁55 | 28중09 |
| 35S | 18 m 28 | 0m.12 | 8 * 57 | 5중38 | 26중37 | 19 mg 44 | 1 m. 34 | 10 7 01 | 6중32 | 27중30 | 21 m 01 | 2 m 55 | 11 🗷 05 | 7궁25 | 28324 |
| 36S 37S | 18 mg 23 18 mg 18 | 0 m 35 0 m 58 | 9 ₹ 38 10 ₹ 20 | 6 궁 10 6 궁 42 | 26중53 27중08 | 19 mp 40 19 mp 36 | 1 m.57 2 m.21 | 10 ₹42 11 ₹24 | 7 3 03 7 3 35 | 27 궁 46 28 궁 01 | 20 m 57 20 m 53 | 3 m. 19 3 m. 44 | 11 ₹ 45 12 ₹ 27 | 7 궁 56 8 궁 28 | 28 궁 39 28 궁 54 |
| 38S | 18 mg 13 | | 11 🗷 03 | | 27 당 24 | | I | 12 🗷 07 | | 28중17 | | | 13 \$\frac{7}{2}\$ | 9정00 | |
| 39S | 18 m 08 | 1 m 49 | 11 ≉ 48 | 7중48 | 27ਰ41 | 19 m 27 | 3 m. 14 | 12 ₹ 52 | 8중41 | 28중33 | 20 m/45 | 4m.38 | 13 ₹ 55 | 9중33 | 29중26 |
| 40S | 18 mg 03 | 2m.16 | 12 ₹ 35 | 8중22 | 27357 | 19 m, 22 | 3 m. 42 | 13 ~ 39 | 9궁15 | 28350 | 20 mg 41 | 5 m 07 | 14 ₹ 42 | 10궁07 | 29342 |
| 41S | 17 m, 57 | 2m45 | 13 ∡ 24 | 8중58 | 28중15 | 19 m, 17 | 4m.12 | 14 ∡ 27 | 9궁50 | 29중07 | 20 m/37 | 5 m 38 | 15∡30 | 10중42 | 29궁59 |
| 42S | 17 m 51 | 3 m 15 | 14 🗷 14 | 9중34 | 28332 | 19 m 11 | 4m.43 | 15 🗷 18 | 10궁26 | 29824 | 20 m 32 | 6m.10 | 16×20 | 11318 | 0≈17 |
| 43S 44S | 17 mg 45 17 mg 38 | 3 m 48 4 m 22 | 15 ∡ 07 16 ∡ 02 | 10중12 10중50 | 28 궁 50 29 궁 09 | 19 mg 06 19 mg 00 | 5 m 16 5 m 52 | 16 ∡ 10 17 ∡ 04 | 11중03 11중41 | 29⋜42 0≈01 | 20 m/27 20 m/22 | 6m.44 7m.21 | 17∡12 18∡07 | 11궁54 12궁32 | 0≈34 0≈53 |
| 45S | 17 mg 31 | 4 m 59 | 16 🗷 59 | 11중30 | 29중28 | 18 m ₂ 54 | 6m.30 | 18 ~ 01 | 12320 | 0≈20 | 20 mg 17 | 8 m. 00 | 19×07 | 13중11 | 1≈11 |
| 46S | 17 mg 24 | 5 m 38 | 10×-39 | 12중10 | 29정48 | 18 mg 47 | 7m.10 | 19×00 | 12 8 20 | 0≈20 | 20 mg 11 | 8 m. 41 | 20 \$\times 02 | 13851 | 1≈11 |
| 47S | 17 mg 16 | 6m.20 | 19 ∡ 01 | 12る52 | 0≈08 | 18 mg 40 | 7 m 53 | 20 ₮ 02 | 13중43 | 0≈59 | 20 m 05 | 9 m 25 | 21 ₮ 03 | 14중32 | 1≈50 |
| 48S | 17 m 08 | 7m.05 | 20 🗷 06 | 13중36 | 0≈29 | 18 m 33 | 8m.40 | 21 🗷 07 | 14326 | 1≈20 | 19 m 58 | 10 m 13 | 22×07 | 15315 | 2≈11 |
| 49S | 16 m 59 | 7 m. 54 | 21 🗷 14 | 14궁21 | 0≈50 | 18 m, 25 | 9m.30 | 22 ∡ 14 | 15궁10 | 1≈41 | 19 m 51 | 11 m.04 | 23 🗷 14 | 15궁59 | 2≈32 |
| 50S | 16 m 50 | 8m.46 | 22 🗷 25 | 15 궁 07 | 1≈13 | 18 m 17 | 10 m. 24 | 23 🗷 25 | 15 る 56 | 2≈03 | 19 m 44 | 11 m.59 | 24 🗷 24 | 16 3 45 | 2≈54 |
| 51S 52S | 16 mp 40 16 mp 30 | 9 m 44 10 m 46 | 23 ∡ 40 24 ∡ 58 | 15궁55 16궁45 | 1≈36 1≈59 | 18 m, 08 17 m, 59 | 11 m.22 12 m.26 | 24 ₹ 39 25 ₹ 57 | 16 공 43 17 공 33 | 2≈26 2≈49 | 19 mg 36 19 mg 28 | 12 m. 59 14 m. 04 | 25 ₹ 38 26 ₹ 54 | 17 る 32 18 る 20 | 3≈16 3≈39 |
| 53S | 16 mg 18 | 11 m 54 | 26×21 | 17중36 | 2≈24 | 17 m 49 | 13 m 35 | 27 ₹ 18 | 18 공 24 | 3≈14 | 19 mg 19 | 15 m. 14 | 28 × 15 | 19중11 | 4≈03 |
| 54S | 16 mg 06 | 13 m 08 | 27 🗷 47 | 18중30 | 2≈50 | 17 m/38 | 14m.51 | 28 ∡ 44 | 19궁16 | 3≈39 | 19 m, 10 | 16m.31 | 29 ₹ 39 | 20중03 | 4≈28 |
| 55S | 15 m 53 | 14m.30 | 29 ∤ 18 | 19궁25 | 3≈16 | 17 m, 26 | 16m.14 | 0궁14 | 20중11 | 4≈05 | 18 m/59 | 17 m 56 | 1중08 | 20궁57 | 4≈54 |
| 56S | 15 m 38 | 16m.01 | 0중54 | 20중23 | 3≈44 | 17 m 13 | 17m.46 | 1중48 | 21중08 | 4≈33 | 18 m 48 | 19 m. 29 | 2841 | 21중53 | 5≈21 |
| 57S 58S | 15 m 23 | 17 m. 42 19 m. 34 | 2중35 4중21 | 21중23 22중26 | 4≈13 4≈43 | 16 m 59 | 19 m. 28 21 m. 22 | 3 군 27 5 군 12 | 22중07 23중09 | 5≈01 5≈31 | 18 m 35 | 21 m. 12 23 m. 06 | 4 궁 19 | 22중52 23중52 | 5≈50 6≈19 |
| 59S | 15 mg 05 14 mg 47 | 21 m 40 | 4521 6 3 12 | 22 5 26 23 중 30 | 4≈43 5≈15 | 16 m, 43 16 m, 27 | 21 IIL 22 23 m 29 | 7 당 01 | 23 5 09 24 궁 13 | 5≈31 6≈02 | 18 mg 22 18 mg 07 | 25 m 14 | 6 궁 02 7 궁 49 | 23 5 52 24 궁 56 | 6≈50 |
| 60S | 14 m/ 26 | 24 m 03 | 8중10 | 24중38 | 5≈47 | 16 mp 08 | 25 m 51 | 8정57 | 25중20 | 6≈35 | 17 m ₂ 51 | 27 m 36 | 9 공 43 | 26중02 | 7≈22 |
| 61S | 14 m 03 | 26 m 44 | 10중13 | 25중49 | 6≈22 | 15 mg 47 | 28 m 32 | 10중58 | 25820 | 7≈09 | 17 mg 32 | 0 × 16 | 11342 | 27중10 | 7≈22 7≈55 |
| 62S | 13 m 37 | 29 m 47 | 12중23 | 27중03 | 6≈58 | 15 m 24 | 1 ₹ 34 | 13중05 | 27중42 | 7≈44 | 17 m 12 | 3 ₹ 16 | 13중47 | 28중22 | 8≈30 |
| 63S | 13 m 07 | 3 🗷 16 | 14궁39 | 28320 | 7≈36 | 14 m 58 | 5×100 | 15중19 | 28중58 | 8≈22 | 16 m 49 | 6×40 | 15중58 | 29궁37 | 9≈07 |
| 64S | 12 mg 34 | 7 <i>≱</i> 15 | 17る02 | 29중40 | 8≈16 | 14 m, 28 | 8 ₹ 55 | 17중38 | 0≈17 | 9≈01 | 16 mg 22 | 10 ₹ 30 | 18중15 | 0≈55 | 9≈46 |
| 65S | 11 m 56 | 11 🗷 48 | 19중31 | 1≈04 | 8≈58 | 13 m 53 | 13 🗷 21 | 20중05 | 1≈40 | 9≈42 | 15 m 52 | 14 🗷 50 | 20중38 | 2≈16 | 10≈27 |
| 66S | 11 m ₂ 11 10 m ₂ 43 | 16 ₹ 59 20 ₹ 11 | 22 궁 07 23 궁 38 | 2≈32 3≈23 | 9≈42 10≈08 | 13 mp 13 12 mp 48 | 18 ₹ 23 21 ₹ 28 | 22 궁 38 24 궁 06 | 3≈07 3≈57 | 10≈26 10≈52 | 15 mg 16 14 mg 54 | 19 x 43 22 x 42 | 23 궁 08 24 궁 34 | 3≈41 4≈31 | 11≈10 11≈35 |
| pc | 10 IIJ 43 | 20 X. 11 | 25038 | J≈23 | 10≈08 | 12111/48 | 71 X. 79 | 24000 | اد∞د | 10≈32 | 1411) 34 | 22 x.42 | 24034 | +≈31 | 11833 |

| | Sid.Tir MC: | | 6m AR 237'29 | MC: 14 | 4°00' | Sid.Tir MC: | | 0m AR 38'59 | MC: 14 | 15°00' | Sid.Tir MC: | ne: 9h4 23 <i>ຄ</i> | 4m AR 40'40 | MC: 14 | 6°00' |
|------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|----------------------|--------------------------------|----------------------------------|----------------------------------|----------------------|------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 23 m/27 | 25 ₾ 53 | 26 m 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 🖴 02 | 26m39 | 24 ∡ 50 | 22324 | 24 m/31 | 27≗06 | 27 m 37 | 25 ₹ 45 | 23중20 | 25 m/37 | 28 ₾ 10 | 28m35 | 26 ∡ 40 | 24중17 |
| 2S | 23 m 24 | 26 ₾ 12 | 26m.59 | 25 × 10 | 22중35 | 24 m 30 | 27 <u>2</u> 16 | 27 m 58 | 26 ₹ 05 | 23 3 3 1 | 25 m 36 | 28 ₾ 20 | 28m.56 | 27×101 | 24328 |
| 3S 4S | 23 m/23 23 m/21 | 26 <u>₽</u> 22 26 <u>₽</u> 32 | 27 m. 20 27 m. 41 | 25 ₹31 25 ₹52 | 22 궁 46 22 궁 57 | 24 m/29 24 m/28 | 27 <u>2</u> 27 | 28 m 19 28 m 40 | 26 ₹ 26 26 ₹ 47 | 23중43 23중54 | 25 m/35 25 m/34 | 28 <u>-</u> 31 | 29 m 18 29 m 39 | 27 ₹21 27 ₹42 | 24궁39 24궁50 |
| 5S | 23 m/ 20 | 26 □ 43 | 28 m 03 | 26 × 13 | 23중08 | 24 m 26 | 27 <u>□</u> 48 | 29 m 02 | 27 ₹ 08 | 24305 | 25 m/ 33 | 28 - 53 | 0×101 | 28 🗷 03 | 25중01 |
| 6S | 23 m 18 | 26 <u>2</u> 43 | 28 m 24 | 26×13 | 23 중 20 | 24 m 25 | 27 <u>2</u> 48 | 29 m. 24 | 27×108 | 24 日 03 24 日 16 | 25 m 32 | 29 <u>a</u> 04 | 0×101 0×123 | 28 × 24 | 25 당 12 |
| 7S | 23 m 17 | 27 △ 04 | 28m.46 | 26 ₹ 54 | 23중31 | 24 m 24 | 28 ₾ 10 | 29 m 45 | 27 <i>≯</i> 50 | 24827 | 25 m/31 | 29 ₾ 15 | 0 ₹ 45 | 28 ₹ 45 | 25중23 |
| 8S | 23 mg 15 | 27 2 14 | 29 m 08 | 27 ₹ 15 | 23중42 | 24 m/22 | 28≏21 | 0∡08 | 28∡11 | 24중38 | 25 m/30 | 29 ≏ 27 | 1 ∡ 07 | 29 ₹ 06 | 25중34 |
| 9S | 23 mg 14 | 27 ≏ 25 | 29m30 | 27 ₮ 37 | 23중53 | 24 m/21 | 28 ₾ 32 | 0 ₮ 30 | 28 ₹ 32 | 24궁49 | 25 m, 29 | 29 ₾ 39 | 1 ₹ 30 | 29 ₹ 27 | 25중45 |
| 10S | 23 m 12 | 27 △ 37 | 29 m 53 | 27 ₹ 58 | 24중04 | 24 m 20 | 28 △ 44 | 0 ₹ 53 | 28 ₹ 53 | 25중00 | 25 m, 28 | 29 ₾ 51 | 1 🗷 53 | 29 ₹ 48 | 25중56 |
| 118 | 23 m 10 | 27 <u>△</u> 48 | 0 7 16 | 28 🗷 19 | 24중15 | 24 m 18 | 28 ₾ 55 | 1 7 16 | 29 🗷 15 | 25311 | 25 m 27 | 0 m 03 | 2 7 16 | 0중10 | 26중07 |
| 12S 13S | 23 m 09 23 m 07 | 28 <u>⊕</u> 00 | 0 ₹ 39 1 ₹ 03 | 28 ∡ 41 29 ∡ 03 | 24 궁 27 24 궁 38 | 24 mp 17 24 mp 16 | 29 a 07 | 1 ₹ 39 2 ₹ 03 | 29 ₹ 36 29 ₹ 58 | 25중22 25중34 | 25 m/25 25 m/24 | 0 m 15 0 m 28 | 2 ∡ 40 3 ∡ 03 | 0중31 0중53 | 26 궁 18 26 궁 29 |
| 14S | 23 mg 05 | 28 □ 23 | 1 × 03 | 29×25 | 24공50 | 24 mg 14 | 29 <u>2</u> 32 | 2 × 03 | 0중20 | 25~345 | 25 m 23 | 0 m 41 | 3 ₹ 28 | 1공15 | 26중41 |
| 15S | 23 m 03 | 28₽36 | 1 <i>₹</i> 151 | 29 ₹ 47 | 25중01 | 24 m 13 | 29 ₾ 45 | 2 <i>₹</i> 52 | 0중42 | 25중56 | 25 m 22 | 0 m. 54 | 3 ₹ 52 | 1중37 | 26중52 |
| 16S | 23 mg 02 | 28 - 48 | 2 7 16 | 0중09 | 25중13 | 24 mg 11 | 29 ₾ 58 | 3×17 | 1중04 | 26중08 | 25 m 21 | 1 m 07 | 4×18 | 1359 | 27중03 |
| 17S | 23 m 00 | 29 ₾ 01 | 2 ₹ 41 | 0중32 | 25궁24 | 24 m 10 | 0m.11 | 3 ≉ 42 | 1ਰ27 | 26중19 | 25 m 19 | 1 m. 21 | 4 <i>≯</i> 143 | 2る22 | 27ਰ15 |
| 18S | 22 m 58 | 29 ₾ 15 | 3 ₹ 07 | 0중55 | 25중36 | 24 m 08 | 0 m 25 | 4 <i>₹</i> 08 | 1중50 | 26중31 | 25 m 18 | 1 m 35 | 5×109 | 2345 | 27중26 |
| 19S | 22 m 56 | 29 ≏ 28 | 3 ₹ 33 | 1중18 | 25중48 | 24 m, 06 | 0m.39 | 4 ₹ 34 | 2중13 | 26중43 | 25 m, 17 | 1 m.50 | 5 <i>≱</i> 135 | 3중08 | 27중38 |
| 20S | 22 m 54 | 29 ₾ 42 | 4 ₹ 00 | 1 공 41 | 25중59 | 24 m 05 | 0 m 54 | 5 × 101 | 2중36 | 26중55 | 25 m 16 | 2 m 05 | 6×102 | 3중31 | 27중50 |
| 21S 22S | 22 m 52 22 m 50 | 29 2 56 0 m 11 | 4 ₹ 27 4 ₹ 55 | 2 3 05 2 3 29 | 26 궁 12 26 궁 24 | 24 m 03 24 m 01 | 1 m. 08 1 m. 24 | 5 ₹ 29 5 ₹ 57 | 3 て 00 3 て 24 | 27 궁 06 27 궁 18 | 25 m 14 25 m 13 | 2 m. 20 2 m. 36 | 6∡30 6∡58 | 3 궁 54 4 궁 18 | 28 중 01 28 중 13 |
| 23S | 22 m/ 48 | 0m.26 | 5 x 23 | 2 3 53 | 26중36 | 24 m 00 | 1 m 39 | 6×25 | 3 34 8 | 27중31 | 25 mg 12 | 2 m 52 | 7 ₹ 27 | 4 3 42 | 28 공 25 |
| 24S | 22 m/46 | 0m.42 | 5 ₹ 52 | 3중18 | 26중48 | 23 m 58 | 1 m 55 | 6 ≉ 54 | 4ਰ12 | 27중43 | 25 m 10 | 3 m 08 | 7 <i>≱</i> 156 | 5중07 | 28중38 |
| 25S | 22 m 43 | 0m.58 | 6 ₹ 22 | 3중43 | 27중01 | 23 m 56 | 2 m. 12 | 7 <i>≱</i> 124 | 4궁37 | 27855 | 25 m, 09 | 3 m. 25 | 8 <i>≱</i> 126 | 5ਰ31 | 28궁50 |
| 26S | 22 mg 41 | 1 m 15 | 6 ₹ 53 | 4궁08 | 27중14 | 23 m 54 | 2 m 29 | 7 <i>₹</i> 155 | 5중03 | 28중08 | 25 m, 07 | 3 m. 43 | 8 ∡ 57 | 5중57 | 29중02 |
| 27S | 22 m 39 | 1 m. 32 | 7 ₹ 24 | 4중34 | 27326 | 23 m 52 | 2m47 | 8 × 26 | 5중28 | 28321 | 25 m 06 | 4m.01 | 9 🗷 28 | 6중22 | 29중15 |
| 28S 29S | 22 m/37 22 m/34 | 1 m 50 2 m 08 | 7 ₹ 56 8 ₹ 29 | 5 て 00 5 て 27 | 27중39 27중53 | 23 m 50 23 m 48 | 3 m 05 3 m 24 | 8 ₹ 58 9 ₹ 31 | 5 궁 54 6 궁 21 | 28중34 28중47 | 25 m, 04 25 m, 02 | 4 m 20 4 m 40 | 10 ₹ 00 10 ₹ 33 | 6 정 48 7 정 15 | 29 궁 28 29 궁 41 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 22 m/32 22 m/29 | 2 m 27 2 m 47 | 9×103 9×138 | 5 궁 54 6 궁 22 | 28 궁 06 28 궁 20 | 23 m/46 23 m/44 | 3 m. 44 4 m. 05 | 10 ₹ 05 10 ₹ 40 | 6 궁 48 7 궁 15 | 29 궁 00 29 궁 14 | 25 m, 01 24 m, 59 | 5 m 00 5 m 21 | 11 ∡ 07 11 ∡ 42 | 7 て 42 8 て 09 | 29⋜54 0≈07 |
| 32S | 22 m/ 26 | 3 m. 08 | 10×14 | 6중50 | 28중34 | 23 m 42 | 4m.26 | 11 🗷 16 | 7 3 44 | 29중27 | 24 m 57 | 5 m. 43 | 12 🗷 18 | 8중37 | 0≈21 |
| 33S | 22 m 23 | 3 m 30 | 10∡50 | 7궁19 | 28중48 | 23 m/39 | 4m48 | 11 ₹ 53 | 8중12 | 29중41 | 24 m 55 | 6m06 | 12∡55 | 9 궁 05 | 0≈35 |
| 34S | 22 m/21 | 3 m 52 | 11 ∡ 28 | 7중48 | 29중02 | 23 m, 37 | 5m.11 | 12 ₹31 | 8 공 41 | 29중56 | 24 m 53 | 6m30 | 13 ₹ 33 | 9궁34 | 0≈49 |
| 35S | 22 m 18 | 4m.16 | 12 ₹ 08 | 8로18 | 29궁17 | 23 m/34 | 5m35 | 13 ₹ 10 | 9중11 | 0≈10 | 24 m 51 | 6m.55 | 14 🗷 12 | 10궁04 | 1≈03 |
| 36S | 22 m 14 | 4m40 | 12 ₹ 48 13 ₹ 30 | 8 3 49 9 3 20 | 29 궁 32 29 궁 47 | 23 m 32 | 6m.01 6m.27 | 13 ₹ 50 14 ₹ 32 | 9 て 42 10 て 13 | 0≈25 0≈40 | 24 m 49 | 7 m.21 7 m.48 | 14 ₹ 52 15 ₹ 34 | 10 る 34 11 る 05 | 1≈18 1≈33 |
| 37S 38S | 22 mg 11 22 mg 08 | 5 m . 06 | 13 x 30 14 z 13 | 9820 9 8 52 | | 23 m/29 23 m/26 | I | 15 × 15 | | | 24 m/47 24 m/45 | | 15 x·34 16 ₹ 17 | | 1≈33 |
| 39S | 22 m 04 | 6m.01 | 14×158 | 10중25 | 0≈19 | 23 m 23 | 7 m 24 | 16×100 | 11중17 | 1≈11 | 24 m 42 | 8 m. 46 | 17×101 | 12중09 | 2≈04 |
| 40S | 22 mg 01 | 6m.31 | 15 ₹ 44 | 10궁59 | 0≈35 | 23 m 20 | 7 m 55 | 16∡46 | 11공51 | 1≈27 | 24 m 40 | 9m.18 | 17∡47 | 12중42 | 2≈20 |
| 41S | 21 m 57 | 7 m 03 | 16 ₹ 32 | 11중34 | 0≈52 | 23 m 17 | 8 m 27 | 17∡34 | 12중25 | 1≈44 | 24 m 37 | 9m.51 | 18∡35 | 13중16 | 2≈36 |
| 42S | 21 m 53 | 7m36 | 17 ₹ 22 | 12궁09 | 1≈09 | 23 m 14 | 9m.01 | 18 ₹ 24 | 13궁00 | 2≈01 | 24 m 35 | 10m.26 | 19 ₹ 25 | 13중51 | 2≈53 |
| 43S 44S | 21 m/49 21 m/44 | 8 m 11 8 m 49 | 18 ₹ 14 19 ₹ 08 | 12중45 13중23 | 1≈26 1≈44 | 23 m 10 23 m 06 | 9 m. 37 10 m. 16 | 19 ₹ 15 20 ₹ 09 | 13중36 14중14 | 2≈18 2≈36 | 24 m/32 24 m/29 | 11 m.03 11 m.42 | 20 ∡ 16 21 ∡ 09 | 14궁27 15궁04 | 3≈10 3≈28 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 21 m/39 21 m/35 | 9 m 29 10 m 11 | 20 ₹ 04 21 ₹ 03 | 14궁02 14궁41 | 2≈03 2≈22 | 23 m 03 22 m 58 | 10 m. 56 11 m. 40 | 21 ∡ 05 22 ∡ 03 | 14궁52 15궁31 | 2≈54 3≈13 | 24 m/26 24 m/23 | 12 m. 23 13 m. 08 | 22 ∡ 05 23 ∡ 02 | 15 공 42 16 공 21 | 3≈46 |
| 47S | 21 m/ 29 | 10 m 56 | 22 × 04 | 15중22 | 2≈41 | 22 m 54 | 12 m. 26 | 23 × 03 | 16 공 12 | 3≈33 | 24 m 19 | 13 m. 55 | 24 × 02 | 17 공 01 | 4≈24 |
| 48S | 21 m/24 | 11 m 45 | 23 ₮ 07 | 16궁04 | 3≈02 | 22 m/49 | 13 m 16 | 24 ≉ 06 | 16궁53 | 3≈53 | 24 m/15 | 14 m 45 | 25 ₹ 05 | 17쥥42 | 4≈43 |
| 49S | 21 m 18 | 12m37 | 24 ₺ 14 | 16중48 | 3≈22 | 22 m/45 | 14m.09 | 25 ₺ 12 | 17중36 | 4≈13 | 24 mp 11 | 15 m 39 | 26 ₮ 10 | 18중25 | 5≈04 |
| 50S | 21 m 12 | 13 m 33 | 25 × 23 | 17중33 | 3≈44 | 22 m/39 | 15m.06 | 26×21 | 18821 | 4≈34 | 24 m 07 | 16m37 | 27 <i>≱</i> 18 | 19중09 | 5≈25 |
| 51S | 21 m 05 | 14 m 34 | 26 × 35 | 18 궁 19 19 궁 07 | 4≈06 4≈29 | 22 m 34 | 16m.08 | 27 🗷 33 | 19 る 07 19 る 55 | 4≈56 50010 | 24 m 03 | 17 ML 40 | 28 🗷 29 | 19 る 54 | 5≈46 6≈09 |
| 52S 53S | 20 m 58 20 m 50 | 15 m 40 16 m 52 | 27 ₹ 51 29 ₹ 11 | 19 5 07 | 4≈29 4≈53 | 22 m/28 22 m/21 | 17m.15 18m.27 | 28才48 0 궁 06 | 19 も 33 20 る 44 | 5≈19 5≈43 | 23 m/58 23 m/53 | 18 m. 48 20 m. 01 | 29才43 1 궁 01 | 20중41 21중30 | 6≈32 |
| 54S | 20 m/42 | 18 m. 10 | 0중34 | 20중49 | 5≈18 | 22 m 14 | 19m.46 | 1중29 | 21중35 | 6≈07 | 23 m 47 | 21 m 21 | 2중22 | 22중20 | 6≈56 |
| 55S | 20 m 33 | 19m.35 | 2중02 | 21궁42 | 5≈43 | 22 m, 07 | 21 m. 13 | 2중55 | 22궁28 | 6≈32 | 23 m/41 | 22 m.48 | 3ਰ47 | 23중13 | 7≈21 |
| 56S | 20 m 23 | 21 m 09 | 3₹34 | 22중38 | 6≈10 | 21 m/59 | 22 m 47 | 4る25 | 23중23 | 6≈59 | 23 m/35 | 24 m 23 | 5중17 | 24궁07 | 7≈47 |
| 57S | 20 m 12 | 22 m 53 | 5중10 | 23중36 | 6≈38 | 21 m 50 | 24 m 32 | 6중00 | 24중20 | 7≈26 | 23 m 27 | 26 m 08 | 6중50 | 25중03 | 8≈14 |
| 58S | 20 mp 01 | 24 m 48 | 6 궁 51 | 24중36 25중38 | 7≈07 7≈37 | 21 m/40 | 26 m 27 | 7 3 40 9 3 24 | 25 궁 19 26 궁 20 | 7≈55 8≈24 | 23 m/20 | 28 m.03 0 ≈ 10 | 8 3 28 | 26 궁 02 | 8≈42 9≈12 |
| 598 | 19 mg 48 | 26 m 55 | 8중37 | | 7≈37 | 21 m 29 | 28 m. 34 | | 26 궁 20 | 8≈24 | 23 m 11 | | 10중11 | 27중02 | |
| 60S 61S | 19 mg 34 19 mg 18 | 29 m.18 1 ∡ 57 | 10る28 12る25 | 26 궁 43 27 궁 51 | 8≈09 8≈42 | 21 m, 17 21 m, 04 | 0 ₹ 56 3 ₹ 34 | 11중14 13중08 | 27중24 28중31 | 8≈56 9≈28 | 23 mg 01 22 mg 51 | 2 ₹ 31 5 ₹ 08 | 11중58 13중51 | 28 궁 06 29 궁 11 | 9≈43 10≈15 |
| 62S | 19 mg 10 | 1 x· 57 4 ₹ 55 | 12 6 23 14 중 28 | 29중01 | 9≈16 | 20 mg 49 | 6 ₹ 30 | 15중09 | 28 83 1 29 중 41 | 10≈02 | 22 m 39 | 8 ₹ 02 | 15 공 49 | 0≈20 | 10≈13 |
| 63S | 18 m/40 | 8×16 | 16중36 | 0≈15 | 9≈53 | 20 m 33 | 9∡48 | 17중15 | 0≈53 | 10≈38 | 22 m/ 25 | 11 🗷 16 | 17중53 | 1≈31 | 11≈24 |
| 64S | 18 m, 17 | 12 ₹ 02 | 18중51 | 1≈32 | 10≈31 | 20 mg 13 | 13 ₹ 29 | 19궁27 | 2≈09 | 11≈16 | 22 mg 10 | 14 ₹ 53 | 20중02 | 2≈46 | 12≈01 |
| 65S | 17 m ₂ 51 | 16∡15 | 21중11 | 2≈52 | 11≈11 | 19 m, 51 | 17 ₹ 37 | 21중44 | 3≈28 | 11≈56 | 21 m/52 | 18 ₹ 54 | 22중17 | 4≈04 | 12≈40 |
| ((0 | | | | | | | | | | | | | | | |
| 66S pc | 17 m/21 17 m/01 | 20 ₹ 59 23 ₹ 52 | 23궁38 25궁03 | 4≈16 5≈05 | 11≈54 12≈19 | 19 mg 26 19 mg 09 | 22 ₹ 12 25 ₹ 00 | 24중08 25중31 | 4≈51 5≈39 | 12≈38 13≈02 | 21 m/31 21 m/18 | 23 ₹ 22 26 ₹ 04 | 24궁38 26궁00 | 5≈25 6≈13 | 13≈21 13≈46 |

| | Sid.Tir MC: | | 8m AR .42'31 | RMC: 14 | 7°00' | Sid.Tir MC: | | 2m AR 44'33 | MC: 14 | 18°00' | Sid.Tir MC: | ne: 9h50 26 <i>Ω</i> | 6m AR 46'45 | CMC: 14 | 19°00' |
|------------|----------------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------|-------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 26 m/43 | 29 2 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 | 26중57 |
| 1S | 26 m 43 | 29 ₾ 13 | 29 m 33 | 27 × 35 | 25중14 | 27 m 48 | 0m.16 | 0 ₹ 31 | 28 🗷 30 | 26중11 | 28 m 54 | 1 m 19 | 1 🗷 29 | 29 🗷 25 | 27중08 |
| 2S 3S | 26 m/42 26 m/41 | 29 a 24 29 a 35 | 29 m.55 0 ≈ 16 | 27 ∡ 56 28 ∡ 16 | 25 군 25 25 군 36 | 27 m, 48 27 m, 47 | 0 m. 28 0 m. 39 | 0 ₹ 53 1 ₹ 14 | 28 ∡ 51 29 ∡ 11 | 26중22 26중32 | 28 m 54 28 m 53 | 1 m.31 1 m.43 | 1 ₹ 51 2 ₹ 12 | 29 🗷 46 0 る07 | 27 る 19 27 る 29 |
| 4S | 26 mg 40 | 29 2 46 | 0x·10 0x·38 | 28 x 10 28 x 37 | 25 공 47 | 27 mg 47 | 0 m 50 | 1 x 14 | 29 x·11 | 26 공 43 | 28 m 53 | 1 m 55 | 2×12 | 0807 | 27 3 40 |
| 5S | 26 m 40 | 29 ₾ 58 | 0×159 | 28 × 58 | 25중57 | 27 m 46 | 1 m. 02 | 1 ₹ 58 | 29 z 53 | 26354 | 28 m 53 | 2 m 07 | 2 <i>₹</i> 156 | 0정48 | 27851 |
| 6S | 26 m 39 | 0m.09 | 1 × 22 | 29 🗷 19 | 26중08 | 27 mg 46 | 1 m. 14 | 2 ₹ 20 | 0중14 | 27805 | 28 m 53 | 2 m 19 | 3×19 | 1중09 | 28 중 02 |
| 7S | 26 m/38 | 0m.21 | 1 ₹ 44 | 29 ∡ 40 | 26중19 | 27 m 45 | 1 m. 26 | 2 ₹ 43 | 0중35 | 27중16 | 28 m 52 | 2m31 | 3 ₹ 41 | 1중30 | 28중12 |
| 8S | 26 m 37 | 0m.33 | 2 ₹ 06 | 0중01 | 26중30 | 27 m 45 | 1 m. 38 | 3 ₹ 05 | 0중56 | 27ਰ27 | 28 m 52 | 2 m 44 | 4 ₹ 04 | 1351 | 28323 |
| 9S | 26 mg 36 | 0m.45 | 2 ₹ 29 | 0중22 | 26중41 | 27 m, 44 | 1 m. 51 | 3 ₹ 28 | 1중17 | 27중37 | 28 m, 52 | 2 m 57 | 4 <i>≯</i> 127 | 2중12 | 28중34 |
| 10S | 26 m 36 | 0m.57 | 2 ₹ 52 | 0중43 | 26중52 | 27 mg 44 | 2 m. 04 | 3 ₹ 52 | 1중38 | 27348 | 28 m 52 | 3 m 10 | 4×151 | 2중33 | 28345 |
| 11S 12S | 26 m 35 26 m 34 | 1 m 10 1 m 22 | 3 ∡ 16 3 ∡ 39 | 1중05 1중26 | 27 궁 03 27 궁 14 | 27 m, 43 27 m, 42 | 2 m 16 2 m 30 | 4∡15 4∡39 | 2 3 00 2 3 21 | 27 궁 59 28 궁 10 | 28 m 51 28 m 51 | 3 m 23 3 m 37 | 5 ₹ 14 5 ₹ 38 | 2 궁 55 3 궁 16 | 28 궁 55 29 궁 06 |
| 12S | 26 m 33 | 1 m 36 | 4 ₹ 03 | 1348 | 27825 | 27 mg 42 | 2 m 43 | 5 ₹ 03 | 2 8 21 | 28321 | 28 m 51 | 3 m 50 | 6 ₹ 03 | 3중38 | 29800 |
| 14S | 26 m/32 | 1 m 49 | 4 <i>₹</i> 128 | 2ਰ10 | 27중36 | 27 m 41 | 2 m 57 | 5 ₹ 28 | 3중05 | 28중32 | 28 m 50 | 4 m 04 | 6 <i>≱</i> 27 | 3 군 59 | 29중28 |
| 15S | 26 m 31 | 2 m 02 | 4 <i>₹</i> 153 | 2중32 | 27중48 | 27 mg 41 | 3 m. 11 | 5 <i>≱</i> 53 | 3중27 | 28343 | 28 m 50 | 4m.19 | 6₹52 | 4궁21 | 29중39 |
| 16S | 26 m 30 | 2m.16 | 5 <i>≱</i> 18 | 2정54 | 27중59 | 27 m 40 | 3 m. 25 | 6 <i>≯</i> 18 | 3 공 49 | 28궁55 | 28 m 50 | 4 m 33 | 7∡18 | 4중43 | 29궁50 |
| 17S | 26 m/29 | 2m.31 | 5×144 | 3중17 | 28310 | 27 m 39 | 3 m. 40 | 6 ₹ 44 | 4중11 | 29중06 | 28 m 49 | 4 m. 48 | 7×144 | 5중06 | 0≈01 |
| 18S | 26 m 29 | 2 m 45 | 6×10 | 3 궁 39 | 28322 | 27 m 39 | 3 m 55 | 7×10 | 4 궁 34 | 29중17 | 28 m 49 | 5 m 04 | 8 × 10 | 5 군 51 | 0≈13 0≈24 |
| 19S | 26 m 28 | 3 m 00 | 6 <i>₹</i> 36 | 4 궁 02 | 2833 | 27 m 38 | 4 m 10 | 7×37 | 4 공 57 | 29329 | 28 m, 49 | 5 m 20 | 8 ₹ 37 | 5 공 51 | 0≈24 |
| 20S 21S | 26 m/27 26 m/26 | 3 m 15 3 m 31 | 7 ≠ 03 7 ≠ 31 | 4궁25 4궁49 | 28 궁 45 28 궁 57 | 27 m/38 27 m/37 | 4 m. 26 4 m. 42 | 8 ₹ 04 8 ₹ 31 | 5 군 20 5 군 43 | 29 궁 40 29 궁 52 | 28 mg 49 28 mg 48 | 5 m 36 5 m 52 | 9 ₹ 04 9 ₹ 32 | 6 궁 14 6 궁 37 | 0≈35 0≈47 |
| 22S | 26 m 25 | 3 m 47 | 7 x 51 | 5중12 | 29중08 | 27 m 36 | 4 m 58 | 9×31 | 6중07 | 0≈03 | 28 m 48 | 6 m 09 | 10×00 | 7중01 | 0≈47 |
| 23S | 26 m 23 | 4m.04 | 8×28 | 5중37 | 29중20 | 27 m 35 | 5m.16 | 9 ₹ 29 | 6중31 | 0≈15 | 28 m/47 | 6m27 | 10 ₹ 29 | 7중25 | 1≈10 |
| 24S | 26 mg 22 | 4m21 | 8 ∡ 57 | 6중01 | 29중32 | 27 m, 35 | 5 m 33 | 9∡58 | 6궁55 | 0≈27 | 28 m, 47 | 6m45 | 10∡58 | 7 る 49 | 1≈22 |
| 25S | $26\mathrm{m}21$ | 4m39 | 9≉27 | 6중26 | 29궁45 | 27 m/34 | 5m.51 | 10∡28 | 7る20 | 0≈39 | 28 m/47 | 7 m 04 | 11 ₹ 29 | 8동13 | 1≈34 |
| 26S | 26 m 20 | 4m.57 | 9 \$7 58 | 6정51 | 29궁57 | 27 m 33 | 6m.10 | 10 🗷 59 | 7344 | 0≈52 | 28 m 46 | 7 m 23 | 11 🗷 59 | 8중38 | 1≈46 |
| 27S 28S | 26 m 19 26 m 18 | 5 m 16 5 m 35 | 10 ∡ 29 11 ∡ 02 | 7 3 16 7 3 42 | 0≈09 0≈22 | 27 m, 32 27 m, 32 | 6 m 29 6 m 49 | 11 ∡ 30 12 ∡ 03 | 8 국 10 8 국 36 | 1≈04 | 28 mg 46 28 mg 46 | 7 m. 42 8 m. 03 | 12 ∡ 31 13 ∡ 03 | 9 궁 03 9 궁 29 | 1≈58 2≈11 |
| 29S | 26 m 17 | 5 m 55 | 11 × 02 | 8 국 08 | 0≈22 | 27 m 31 | 7 m 10 | 12×03 | 9중02 | 1≈10 | 28 m/ 45 | 8 m. 24 | 13 x·03 13 z 36 | 9 6 29 9 중 55 | 2≈24 |
| 30S | 26 m 15 | 6m.16 | 12 🗷 09 | 8중35 | 0≈48 | 27 m 30 | 7 m. 31 | 13 ~ 10 | 9중28 | 1≈42 | 28 m 45 | 8 m. 46 | 14×10 | 10중21 | 2≈36 |
| 31S | 26 mg 14 | 6m.38 | 12 🗷 43 | 9정02 | 1≈01 | 27 mg 29 | 7 m 53 | 13×10 | 9 공 55 | 1≈55 | 28 mg 44 | 9 m 09 | 14 🗷 45 | 10321 | 2≈49 |
| 32S | 26 m 13 | 7m.00 | 13 द्र•19 | 9중30 | 1≈15 | 27 m 28 | 8m.16 | 14 ₹ 20 | 10궁23 | 2≈09 | 28 m/44 | 9m.32 | 15∡21 | 11중16 | 3≈03 |
| 33S | 26 m 11 | 7 m 24 | 13 🗷 56 | 9중58 | 1≈29 | 27 m 27 | 8m.40 | 14×157 | 10공51 | 2≈22 | 28 m 43 | 9m.57 | 15 ₹ 58 | 11344 | 3≈16 |
| 34S | 26 m 10 | 7 m 48 | 14∡34 | 10중27 | 1≈43 | 27 m, 26 | 9m.05 | 15 ₹ 35 | 11궁20 | 2≈36 | 28 m/43 | 10 m 22 | 16∡35 | 12중12 | 3≈30 |
| 35S | 26 m 08 | 8m.13 | 15 7 13 | 10공56 | 1≈57 | 27 m 25 | 9m.31 | 16×14 | 11349 | 2≈50 | 28 m 42 | 10m.49 | 17 7 14 | 12341 | 3≈44 |
| 36S 37S | 26 mp 07 26 mp 05 | 8 m 40 9 m 08 | 15 ₹ 53 16 ₹ 35 | 11る27 11る57 | 2≈11 2≈26 | 27 m/24 27 m/23 | 9 m 59 10 m 27 | 16∡54 17∡36 | 12 る 19 12 る 49 | 3≈05 3≈19 | 28 mg 42 28 mg 41 | 11 m 17 11 m 46 | 17∡154 18∡136 | 13중11 13중41 | 3≈58 4≈12 |
| 38S | 26 mg 03 | | 17×18 | | | 27 m 22 | | 18 \$7 18 | 1 | 1 | | 12 m 16 | | | 4≈27 |
| 39S | 26 mg 02 | 10m.07 | 18 ∡ 02 | 13중01 | 2≈57 | 27 m/21 | 11 m 28 | 19∡03 | 13궁52 | 3≈49 | 28 m/40 | 12 m.48 | 20 ₮ 02 | 14중44 | 4≈42 |
| 40S | 26 mg 00 | 10m.40 | 18∡48 | 13중34 | 3≈12 | 27 m, 20 | 12m.01 | 19∡48 | 14궁25 | 4≈05 | 28 m 40 | 13 m. 21 | 20∡48 | 15중16 | 4≈58 |
| 41S | 25 m 58 | 11 m 13 | 19∡36 | 14중07 | 3≈29 | 27 mj 18 | 12m35 | 20 ∡ 35 | 14궁58 | 4≈21 | 28 m/39 | 13 m 56 | 21 ∡ 35 | 15궁49 | 5≈13 |
| 42S | 25 m 56 | 11 m 49 | 20 🗷 25 | 14342 | 3≈45 | 27 m 17 | 13 m 12 | 21 🗷 24 | 15833 | 4≈37 | 28 m 38 | 14 m. 33 | 22 🗷 23 | 16323 | 5≈30 |
| 43S 44S | 25 m 54 25 m 51 | 12 m 27 13 m 07 | 21 ∡ 16 22 ∡ 09 | 15중18 15중54 | 4≈02 4≈20 | 27 mg 16 27 mg 14 | 13 m. 50 14 m. 31 | 22 ∡ 15 23 ∡ 08 | 16 궁 08 16 궁 44 | 4≈54 5≈11 | 28 m/38 28 m/37 | 15 m 12 15 m 54 | 23 ∡ 14 24 ∡ 06 | 16중58 17중34 | 5≈46 6≈03 |
| 45S | 25 m/49 | 13 m. 49 | 23 🗷 04 | 16중32 | 4≈37 | 27 mg 13 | 15 m. 14 | 24×02 | 17중21 | 5≈29 | 28 mg 36 | 16 m 37 | 25 ₹ 00 | 18311 | 6≈21 |
| 46S | 25 m 47 | 14m.34 | 24×101 | 10832 17 중 10 | 4≈56 | 27 mg 13 | 16m.00 | 24 × 02 | 17 8 21 | 5≈29 5≈47 | 28 m/ 35 | 17 m. 24 | 25 × 57 | 18349 | 6≈39 |
| 47S | 25 m 44 | 15 m. 22 | 25 ₹ 00 | 17중50 | 5≈15 | 27 m, 09 | 16m.48 | 25 ₹ 58 | 18중39 | 6≈06 | 28 m/34 | 18 m. 13 | 26 ₹ 55 | 19궁27 | 6≈57 |
| 48S | 25 m 41 | 16m.13 | 26 ₹ 02 | 18중31 | 5≈34 | 27 m 07 | 17m.40 | 27 ₹ 00 | 19중19 | 6≈25 | 28 m 33 | 19m.06 | 27 ₹ 56 | 20중08 | 7≈16 |
| 49S | 25 m/38 | 17m.08 | 27 ₹ 07 | 19중13 | 5≈54 | 27 m, 05 | 18m.36 | 28 ₹ 04 | 20궁01 | 6≈45 | 28 m/32 | 20 m 02 | 29 ₹ 00 | 20궁49 | 7≈36 |
| 50S | 25 m 35 | 18m.07 | 28 🗷 14 | 19궁57 | 6≈15 | 27 m 03 | 19m.36 | 29 🗷 10 | 20중44 | 7≈05 | 28 m 31 | 21 m 02 | 0중06 | 21중32 | 7≈56 |
| 51S 52S | 25 m/32 25 m/28 | 19 m 11 20 m 19 | 29才25 0중38 | 20중42 21중28 | 6≈37 6≈59 | 27 mg 01 26 mg 59 | 20 m. 40 21 m. 49 | 0 궁 20 1 궁 32 | 21궁29 22궁15 | 7≈27 7≈49 | 28 m/30 28 m/29 | 22 m 07 23 m 17 | 1중14 2중26 | 22중16 23중01 | 8≈17 8≈38 |
| 53S | 25 m/ 24 | 21 m. 33 | 1공55 | 22316 | 7≈22 | 26 m 56 | 23 m. 03 | 2 3 48 | 23 중 02 | 8≈11 | 28 m/ 28 | 24 m 32 | 3 ਰ 41 | 23 공 48 | 9≈01 |
| 54S | 25 m/20 | 22 m 54 | 3중15 | 23중06 | 7≈45 | 26 m 53 | 24 m 24 | 4궁08 | 23중51 | 8≈35 | 28 m/26 | 25 m 53 | 4궁59 | 24중37 | 9≈24 |
| 55S | 25 m 16 | 24 m 21 | 4궁39 | 23중58 | 8≈10 | 26 m/50 | 25 m 52 | 5중30 | 24중42 | 8≈59 | 28 m, 25 | 27 m 21 | 6궁21 | 25궁27 | 9≈48 |
| 56S | 25 m 11 | 25 m 57 | 6중07 | 24궁51 | 8≈36 | 26 m 47 | 27m28 | 6궁57 | 25중35 | 9≈24 | 28 m 23 | 28 m. 57 | 7중47 | 26궁19 | 10≈13 |
| 57S | 25 m 05 | 27 m 41 | 7 3 39 | 25 3 47 | 9≈02 | 26 m 43 | 29 m 13 | 8 궁 28 | 26중30 | 9≈51 10×18 | 28 m 21 | 0 x 42 | 9 궁 16 | 27 る 13 | 10≈39 |
| 58S 59S | 24 m 59 24 m 53 | 29 m 36 1 ≈ 43 | 9 궁 16 10 궁 57 | 26중44 27중44 | 9≈30 9≈59 | 26 m/39 26 m/35 | 1 ∡ 08 3 ∡ 14 | 10号03 11号42 | 27る27 28る26 | 10≈18 10≈47 | 28 m, 19 28 m, 17 | 2 ₹ 36 4 ₹ 42 | 10る50 12る27 | 28 궁 09 29 궁 08 | 11≈06 11≈34 |
| 60S | 24 mg 46 | 4×103 | 12 공 43 | 28347 | 10≈30 | 26 m/ 30 | 5×13 | 13 공 26 | 29중27 | 11≈16 | 28 mg 15 | 7×72 | 14중10 | 0≈08 | 12≈03 |
| 61S | 24 m/ 38 | 6 <i>₹</i> 138 | 14중33 | 29중51 | 10≈30 | 26 m 25 | 8 × 06 | 13 5 26 | 0≈31 | 11≈16 | 28 mg 12 | 9 \$731 | 14 6 10 | 1≈11 | 12≈03 |
| 62S | 24 m/29 | 9 ₹ 30 | 16중29 | 0≈59 | 11≈34 | 26 m 19 | 10 ₹ 56 | 17중09 | 1≈38 | 12≈20 | 28 m, 09 | 12 ₹ 19 | 17중49 | 2≈17 | 13≈06 |
| 63S | 24 m 19 | 12×42 | 18중31 | 2≈10 | 12≈09 | 26 m 12 | 14×104 | 19궁09 | 2≈48 | 12≈55 | 28 m 06 | 15×23 | 19궁46 | 3≈25 | 13≈40 |
| 64S | 24 m 07 | 16∡14 | 20중38 | 3≈23 | 12≈46 | 26 m, 04 | 17 ₹ 32 | 21중13 | 4≈00 | 13≈31 | 28 m, 02 | 18 ₹ 46 | 21중48 | 4≈37 | 14≈16 |
| 65S | 23 m 53 | 20 🗷 09 | 22중50 | 4≈40 | 13≈24 | 25 m 55 | 21 🗷 21 | 23중23 | 5≈15 | 14≈09 | 27 m 57 | 22 ₹30 | 23중56 | 5≈51 | 14≈53 |
| 66S | 23 m/38 23 m/28 | 24 ₹ 29 27 ₹ 06 | 25 궁 08 26 궁 28 | 6≈00 6≈46 | 14≈05 14≈29 | 25 m/45 25 m/38 | 25 ₹ 34 28 ₹ 06 | 25 궁 39 26 궁 57 | 6≈34 7≈20 | 14≈49 15≈12 | 27 m 52 27 m 49 | 26 ₹ 36 29 ₹ 04 | 26 궁 09 27 궁 26 | 7≈09 7≈54 | 15≈32 15≈55 |
| pc | 20 لاا د ح | 2 / X·00 | 20028 | 0≈40 | 14≈29 | ٥٥ ټاا د ۲ | 20 × 00 | 2003/ | /≈∠0 | 13≈12 | <u>∠/111/49</u> | 29 X.04 | 21020 | /≈34 | رد∞د⊥ |

| | Sid.Tir MC: | | 00m A 49'07 | RMC: 1 | .50°00' | Sid.Tir MC: | | 04m A 51'40 | RMC: 1 | 151°00' | Sid.Tir MC: | | 08m A 254'23 | RMC: 1 | 52°00' |
|------------|-------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|-----------------------|----------------------------------|----------------------------------|----------------|--------------------------------|----------------------|----------------------------------|----------------------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 0₽00 | 2 m. 10 | 2 ≉ 05 | 0800 | 27854 | 1 ₾ 05 | 3 m. 13 | 3 ∡ 02 | 0중55 | 28352 | 2 🕰 10 | 4 m. 15 | 3 ₹ 59 | 1궁50 | 29349 |
| 1S | 0 = 00 | 2 m 22 | 2 ₹ 26 | 0る20 | 28중05 | 1 2 05 | 3 m 25 | 3 ₹ 24 | 1중15 | 29중02 | 2 ≏ 11 | 4 m 27 | 4 ₹ 21 | 2중10 | 0≈00 |
| 2S | 0 = 00 | 2 m 34 | 2 ≉ 48 | 0중41 | 28중16 | 1 2 05 | 3 m 37 | 3 ∡ 46 | 1중36 | 29중13 | 2 🕰 11 | 4 m 40 | 4 <i>≯</i> 143 | 2ਰ31 | 0≈10 |
| 3S | 0₽00 | 2m46 | 3 × 10 | 1중02 | 28326 | 1 2 06 | 3 m 50 | 4 × 08 | 1공57 | 29중23 | 2 <u>□</u> 12 | 4 m 53 | 5×105 | 2정52 | 0≈21 |
| 4S | 0≖00 | 2 m 58 | 3 ₹ 32 | 1중22 | 28중37 | 1 ₾ 06 | 4 m. 02 | 4 ₹ 30 | 2중17 | 29중34 | 2 2 12 | 5 m.06 | 5 ₹ 28 | 3중12 | 0≈31 |
| 5S | 0 = 00 | 3 m 11 | 3 ₹ 55 | 1중43 | 28중48 | 1 2 06 | 4m.15 | 4 <i>≯</i> 53 | 2云38 | 29궁45 | 2 🕰 13 | 5 m 19 | 5 ≯ 50 | 3号33 | 0≈42 |
| 6S | 0 ₽ 00 | 3 m 23 | 4 7 17 | 2304 | 28358 | 1 2 06 | 4m.28 | 5 7 15 | 2중59 | 29855 | 2 <u>0</u> 13 | 5 m 32 | 6×13 | 3 공 54 | 0≈52 |
| 7S 8S | 0호00 0호00 | 3 m 36 3 m 49 | 4 ₹ 40 5 ₹ 03 | 2 궁 25 2 궁 46 | 29 궁 09 29 궁 20 | 1요07 1요07 | 4m.41 4m.54 | 5 ₹ 38 6 ₹ 01 | 3중20 3중41 | 0≈06 0≈16 | 2 <u>□</u> 14 2 <u>□</u> 14 | 5 m. 45 5 m. 59 | 6 x 36 | 4 3 15 4 3 36 | 1≈03 1≈13 |
| 9S | 0±00 | 4m.02 | 5 x 26 | 3중07 | 29중30 | 1 2 0 7 | 5 m 08 | 6 ₹ 25 | 4 공 02 | 0≈10 | 2 € 14 | 6m.13 | 7 × 23 | 4 3 57 | 1≈13 |
| - 1 | | | | | 29341 | | | | | | | | | | |
| 10S 11S | 0호00 0호00 | 4 m 16 4 m 29 | 5 ₹ 50 6 ₹ 13 | 3 중 28 3 중 49 | 29 8 41 29 8 52 | 1 <u>0</u> 8 | 5 m 21 5 m 35 | 6 ₹ 48 7 ₹ 12 | 4중23 4중44 | 0≈38 0≈48 | 2 <u>□</u> 15 2 <u>□</u> 16 | 6m27 6m41 | 7∡147 8∡111 | 5 궁 18 5 궁 39 | 1≈34 1≈45 |
| 12S | 0 ₽ 00 | 4 m. 43 | 6×13 | 4정11 | 0≈03 | 1 2 08 | 5 m 50 | 7×12 | 5중06 | 0≈59 | 2-10 | 6 m 56 | 8 🗷 35 | 6중00 | 1≈55 |
| 13S | 0₽00 | 4m.57 | 7 <i>≠</i> 02 | 4중32 | 0≈13 | 1 2 08 | 6m.04 | 8×101 | 5ਰ27 | 1≈10 | 2 <u>₽</u> 17 | 7m.11 | 9.700 | 6중22 | 2≈06 |
| 14S | 0₽00 | 5 m. 12 | 7 <i>≱</i> 27 | 4궁54 | 0≈24 | 1 🕰 09 | 6m.19 | 8 ≉ 26 | 5ਰ49 | 1≈20 | 2 🕰 18 | 7 m 26 | 9 ₹ 25 | 6 궁 43 | 2≈17 |
| 15S | 0₽00 | 5 m 27 | 7 ₹ 52 | 5중16 | 0≈35 | 1 ₾ 09 | 6m.34 | 8 <i>₹</i> 51 | 6궁10 | 1≈31 | 2 <u>₽</u> 18 | 7 m. 41 | 9∡50 | 7중05 | 2≈27 |
| 16S | 0 ₽ 00 | 5 m 42 | 8×17 | 5중38 | 0≈46 | 1 2 09 | 6m49 | 9 ∡ 17 | 6중32 | 1≈42 | 2 <u>2</u> 19 | 7 m 57 | 10 🗷 16 | 7 3 27 | 2≈38 |
| 17S | 0ლ00 | 5 m 57 | 8 ₹ 43 | 6중00 | 0≈57 | 1 🕰 10 | 7m05 | 9 ₹ 43 | 6궁55 | 1≈53 | 2 🕰 20 | 8 m. 13 | 10 ₹ 42 | 7 3 49 | 2≈49 |
| 18S | 000 | 6m.13 | 9 🗷 10 | 6중23 | 1≈08 | 1 2 10 | 7m21 | 10 7 09 | 7중17 | 2≈04 | 2 <u>2</u> 20 | 8 m 30 | 11 🗷 08 | 8311 | 3≈00 |
| 19S | 0≖00 | 6m29 | 9∡37 | 6 공 45 | 1≈19 | 1 ₾ 10 | 7m38 | 10 ₹36 | 7 3 40 | 2≈15 | 2 ≏ 21 | 8 m. 47 | 11 ₹35 | 8중34 | 3≈11 |
| 20S | 0₽00 | 6m.45 | 10 ₹ 04 | 7중08 | 1≈31 | 1 ₾ 11 | 7m.55 | 11 ₹ 03 | 8중02 | 2≈26 | 2 ≏ 21 | 9m.04 | 12 ₹ 03 | 8중57 | 3≈22 |
| 218 | 0 ₽ 00 | 7m.02 | 10 🗷 32 | 7중31 | 1≈42 | 1011 | 8m.12 | 11 🗷 31 | 8중26 | 2≈38 | 2 € 22 | 9 m 22 | 12 7 31 | 9중20 | 3≈33 |
| 22S 23S | 0호00 0호00 | 7 m 20 7 m 38 | 11 🗷 00 11 🗷 29 | 7정55 8정19 | 1≈54 2≈05 | 1 <u>⊕</u> 11 1 <u>⊕</u> 12 | 8 m. 30 8 m. 48 | 12 ∡ 00 12 ∡ 29 | 8 3 49 9 3 13 | 2≈49 3≈00 | 2 <u>0</u> 23 2 <u>0</u> 24 | 9 m 40 9 m 59 | 12 ₹ 59 13 ₹ 28 | 9 3 43 | 3≈44 |
| 23S 24S | 0₹00 | 7 m 56 | 11 x 29 11 z 59 | 8 조 43 | 2≈03 | 1 2 12 | 9 m 07 | 12 x 29 12 z 58 | 9513 | 3≈00 | 2 <u>22</u> 24 | 10m.18 | 13 x 28 | 10~500 | 3≈30 4≈07 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 0호00 0호00 | 8 m 15 8 m 35 | 12 ₹ 29 13 ₹ 00 | 9 궁 07 9 궁 32 | 2≈29 2≈41 | 1 <u>□</u> 12 1 <u>□</u> 13 | 9 m. 27 9 m. 47 | 13 ∡ 29 14 ∡ 00 | 10중01 10중25 | 3≈24 | 2 <u>2</u> 25 | 10 m. 38 | 14 ₹ 28 14 ₹ 59 | 10 る 54 11 る 19 | 4≈19 4≈30 |
| 20S 27S | 0 2 00 | 8 m 55 | 13 x 31 | 9857 | 2≈41 2≈53 | 1 2 13 | 10m.07 | 14×100 | 10~525 | 3≈30 | 2 <u>22</u> 20 | 11 m 19 | 15×39 | 11843 | 4≈30 4≈42 |
| 28S | 0₽00 | 9m.16 | 14 🗷 04 | 10중22 | 3≈05 | 1 ₾ 13 | 10 m 29 | 15 🗷 03 | 11315 | 4≈00 | 2 <u>₽</u> 27 | 11 m. 41 | 16 🗷 03 | 12중09 | 4≈54 |
| 29S | 0₽00 | 9m.38 | 14 ≉ 37 | 10중48 | 3≈18 | 1 ≏ 14 | 10m.51 | 15 ≉ 36 | 11ਰ41 | 4≈12 | 2 🕰 28 | 12 m 04 | 16∡736 | 12중34 | 5≈07 |
| 30S | 0₽00 | 10 m 00 | 15 ₹ 11 | 11중14 | 3≈31 | 1 <u>0</u> 14 | 11 m. 14 | 16∡10 | 12る07 | 4≈25 | 2 🗠 29 | 12 m.27 | 17 <i>≭</i> 10 | 13중00 | 5≈19 |
| 31S | 0₽00 | 10 m 23 | 15 ₹ 45 | 11341 | 3≈43 | 1 ≏ 15 | 11 m 37 | 16 ₹ 45 | 12334 | 4≈37 | 2 🕰 30 | 12 m 51 | 17 ₹ 44 | 13326 | 5≈32 |
| 32S | 0 = 00 | 10m.47 | 16∡21 | 12중08 | 3≈56 | 1 ≏ 15 | 12 m 02 | 17∡21 | 13중01 | 4≈50 | 2 ≏ 31 | 13 m 16 | 18 ∡ 20 | 13중53 | 5≈44 |
| 338 | 0₽00 | 11 m 12 | 16×758 | 12중36 | 4≈10 | 1 2 16 | 12 m. 28 | 17 × 57 | 13중28 | 5≈04 | 2 <u>□</u> 32 | 13 m.42 | 18 🗷 57 | 14321 | 5≈57 |
| 348 | 0≖00 | 11 m 38 | 17∡35 | 13중04 | 4≈23 | 1 ₾ 16 | 12m.54 | 18 ₹ 35 | 13중57 | 5≈17 | 2 ≏ 33 | 14m.09 | 19∡34 | 14궁49 | 6≈11 |
| 35S | 0 ₽ 00 | 12m.06 | 18 ₹ 14 | 13중33 | 4≈37 | 1 ₾ 17 | 13 m.22 | 19 ₹ 14 | 14궁25 | 5≈31 | 2 ≏ 34 | 14m37 | 20 ₹ 13 | 15중17 | 6≈24 |
| 36S 37S | 0호00 0호00 | 12m34 | 18 ₹ 54 19 ₹ 35 | 14중03 | 4≈51 5≈05 | 1 <u>⊕</u> 17 1 <u>⊕</u> 18 | 13 m 50 | 19 ₹ 53 20 ₹ 34 | 14 る 54 15 る 24 | 5≈44 5≈59 | 2 <u>0</u> 35 2 <u>0</u> 36 | 15 m 06 | 20 ₹ 52 21 ₹ 33 | 15 궁 46 16 궁 15 | 6≈38 6≈52 |
| 38S | 0 2 00 | 13 m 03 13 m 34 | 20×18 | 14중33 15중03 | 5≈03 5≈20 | 1218 | 14 m. 21 14 m. 52 | 20 x 34 21 z 17 | 15 ~ 55 | 5≈39 | 2 <u>2</u> 30 | 15 m 37 16 m 09 | 21 x 33 22 x 15 | 16813 | 7≈06 |
| 39S | 0 ₾ 00 | 14m.07 | 21 🗷 02 | 15 급 35 | 5≈35 | 1 ₾ 19 | 15 m. 25 | 22 🗷 00 | 16궁26 | 6≈28 | 2-238 | 16 m. 42 | 22 🗷 59 | 17 궁 17 | 7≈21 |
| 40S | 0200 | 14m.41 | 21 ₹ 47 | 16중07 | 5≈50 | 1 ₾ 19 | 15 m 59 | 22 ₹ 45 | 16궁58 | 6≈43 | 2 <u>₽</u> 39 | 17 m 17 | 23 ∡ 44 | 17중48 | 7≈35 |
| 41S | 0 ≥ 00 | 15m.16 | 22 🗷 34 | 16명40 | 6≈06 | 1 20 | 16m.36 | 23 🗷 32 | 17 공 30 | 6≈58 | 2 <u>0</u> 41 | 17 m 54 | 24 🗷 30 | 18 공 20 | 7≈51 |
| 42S | 0 = 00 | 15 m 54 | 23 ∡ 22 | 17중13 | 6≈22 | 1 🕰 21 | 17m.14 | 24 ∡ 20 | 18중04 | 7≈14 | 2₽42 | 18 m. 33 | 25 ₹ 18 | 18궁54 | 8≈06 |
| 43S | 0∞00 | 16m34 | 24 ₮ 12 | 17중48 | 6≈38 | 1 21 | 17m.54 | 25 ₹ 10 | 18중38 | 7≈30 | 2 ≏ 43 | 19m.14 | 26 ₹ 07 | 19궁28 | 8≈22 |
| 44S | 0∞00 | 17m.16 | 25 ₮ 04 | 18궁24 | 6≈55 | 1 ₾ 22 | 18m37 | 26 ₹ 01 | 19중13 | 7≈47 | 2 2 4 5 | 19m.57 | 26 ₹ 58 | 20중02 | 8≈39 |
| 45S | 0₽00 | 18m.00 | 25 ₹ 58 | 19궁00 | 7≈12 | 1 | 19m.22 | 26 ₹ 55 | 19궁49 | 8≈04 | 2 ≏ 46 | 20 m 42 | 27 <i>≱</i> 51 | 20궁38 | 8≈55 |
| 46S | 0 ₽ 00 | 18m.47 | 26 × 54 | 19중37 | 7≈30 | 1 224 | 20m.09 | 27 ₹ 50 | 20궁26 | 8≈21 | 2 <u>2</u> 48 | 21 m 30 | 28 🗷 46 | 21궁15 | 9≈13 |
| 47S 48S | 0호00 0호00 | 19 m 37 20 m 30 | 27 ₹ 52 28 ₹ 52 | 20궁16 20궁56 | 7≈48 8≈07 | 1 <u>⊕</u> 25 1 <u>⊕</u> 26 | 21 m.00 21 m.53 | 28 ∡ 48 29 ∡ 48 | 21궁04 21궁44 | 8≈39 8≈58 | 2 <u>2</u> 50 | 22 m.21 23 m.15 | 29 ₹43 0 ⋜ 43 | 21중53 22중31 | 9≈30 9≈49 |
| 46S 49S | 0판00 | 20 m 27 | 20 x· 32 29 x 55 | 20 日 30 21 日 37 | 8≈26 | 1 2 2 6 | 21 IIL 33 22 ML 51 | 29×148 0중50 | 22324 | 9≈17 | 2 <u>2</u> 54 | 23 IL 13 24 IL 13 | 1중44 | 22등31 | 10≈08 |
| 50S | 0 € 00 | 22 m 28 | 1중00 | 22319 | 8≈46 | 1 | 23 m. 52 | 1중54 | 23중06 | 9≈37 | 2-54 | 25 m 15 | 2348 | 23 공 53 | 10≈27 |
| 51S | 0 2 00 | 22 IIL 28 | 2중08 | 22 6 19 23 る 02 | 9≈07 | 1 2 2 8 | 23 11652 24 m 58 | 1634 3 중 02 | 23 る 49 | 9≈57 | 2 <u>2</u> 58 | 25 IL 13 | 2548 3 중 55 | 23 5 33 24 궁 35 | 10≈27 |
| 52S | 0 ≥ 00 | 24 m. 43 | 3 당 19 | 23 3 47 | 9≈28 | 1 2 30 | 26 m 08 | 4 3 12 | 24중33 | 10≈18 | 3 ₾ 00 | 27 m 32 | 5 3 033 | 25중19 | 11≈08 |
| 53S | 0 ₪ 00 | 25 m 59 | 4중33 | 24334 | 9≈50 | 1 2 31 | 27 m 24 | 5중25 | 25중19 | 10≈40 | 3 ₾ 03 | 28 m. 48 | 6궁16 | 26중04 | 11≈29 |
| 54S | 0₽00 | 27 m 20 | 5ਰ51 | 25중22 | 10≈13 | 1 ₾ 33 | 28 m.46 | 6 궁 41 | 26궁06 | 11≈02 | 3 ₾ 06 | 0 ₹ 09 | 7ਰ31 | 26궁51 | 11≈51 |
| 55S | 0ჲ00 | 28 m 49 | 7중11 | 26중11 | 10≈37 | 1 ≏ 34 | 0∡14 | 8중01 | 26궁56 | 11≈26 | 3 ₾ 09 | 1 ₹ 38 | 8궁50 | 27る40 | 12≈14 |
| 56S | 0 = 00 | 0 ₹ 25 | 8중36 | 27중03 | 11≈01 | 1 ≏ 36 | 1 ₹ 50 | 9궁24 | 27중46 | 11≈50 | 3 ≏ 12 | 3 ₹ 13 | 10궁12 | 28중30 | 12≈38 |
| 57S | 0 ₽ 00 | 2 ₹ 09 | 10궁04 | 27궁56 | 11≈27 | 1 2 38 | 3 ₹ 34 | 10공51 | 28号39 | 12≈15 | 3 <u>0</u> 16 | 4 × 57 | 11338 | 29822 | 13≈03 |
| 58S | 0 ₽ 00 | 4×103 | 11336 | 28 궁 52 | 11≈53 | 1 2 40 | 5×127 | 12 3 22 | 29334 | 12≈41 | 3 ♣ 20 | 6 \$749 | 13307 | 0≈16 | 13≈29 |
| 59S | 0 ₽ 00 | 6×107 | 13312 | 29349 | 12≈21 | 1 ♣42 | 7 <i>₹</i> 31 | 13궁56 | 0 ≈ 30 | 13≈09 | 3 <u>2</u> 24 | 8 🗷 52 | 14340 | 1≈12 | 13≈56 |
| 60S | 0 2 00 | 8 🗷 24 | 14궁53 | 0≈49 | 12≈50 | 1 2 44 | 9 🗷 46 | 15 る 35 | 1≈29 | 13≈37 | 3 <u>0</u> 29 | 11 🗷 06 | 16공18 | 2≈10 2×10 | 14≈24 |
| 61S 62S | 0호00 0호00 | 10 ₹ 54 13 ₹ 39 | 16 궁 38 18 궁 28 | 1≈51 2≈56 | 13≈21 13≈52 | 1요47 1요50 | 12 ₹ 14 14 ₹ 56 | 17 さ 19 19 さ 07 | 2≈31 3≈35 | 14≈07 14≈38 | 3 <u>⊕</u> 34 3 <u>⊕</u> 40 | 13 ₹32 16 ₹11 | 17 る 59 19 る 46 | 3≈10 4≈13 | 14≈53 15≈24 |
| 63S | 0 2 00 | 15×39 | 18 5 28 20 중 23 | 2≈36 4≈03 | 13≈32 | 1 2 5 3 | 14×136 | 21중00 | 3≈33 4≈41 | 14≈38 | 3 <u>2</u> 40 | 19 \$706 | 19 5 46 21 궁 37 | 4≈13 5≈19 | 15≈24 15≈56 |
| 64S | 0 2 00 | 19 🛪 59 | 22 공 23 | 5≈14 | 15≈00 | 1 2 5 7 | 21 🗷 09 | 22 공 58 | 5≈50 | 15≈45 | 3 € 55 | 22 🗷 17 | 23 공 33 | 6≈27 | 16≈30 |
| 65S | 0₽00 | 23 ₹ 37 | 24중28 | 6≈27 | 15≈37 | 2 ₾ 02 | 24 ₹ 42 | 25중01 | 7≈02 | 16≈21 | 4≗04 | 25 ₹ 45 | 25중33 | 7≈38 | 17≈06 |
| 66S | 0 ₾ 00 | 27 ₹ 36 | 26중39 | 7≈43 | 16≈16 | 2 2 0 7 | 28×35 | 27중09 | 7≈02 8≈18 | 17≈00 | 4 <u>₽</u> 14 | 29 🗷 31 | 27중39 | 8≈52 | 17≈43 |
| pc | 0호00 | 0중00 | 27중54 | 8≈28 | 16≈39 | 2 <u>□</u> 10 | 0중54 | 28중23 | 9≈01 | 17≈22 | 4 <u>₽</u> 21 | 1346 | 28궁52 | 9≈35 | 18≈05 |
| | | | | ļ | | 2000 | | oolar circl | | | | - | ! | ! | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 12m A 57'16 | RMC: 1 | 53°00' | Sid.Tir MC: | | 16m A 0'18 | RMC: 1 | 54°00' | Sid.Tii 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> 56 | 2중45 | 0≈47 | 4 <u>0</u> 21 | 6m.19 | 5 <i>≱</i> 153 | 3ਰ40 | 1≈45 | 5 2 26 | 7 m. 21 | 6 ₹ 50 | 4중35 | 2≈43 |
| 1S | 3 <u>□</u> 16 | 5m30 | 5 ₹ 18 | 3중05 | 0≈57 | 4 € 22 | 6m.32 | 6∡15 | 4중00 | 1≈55 | 5 <u>0</u> 28 | 7 m 34 | 7 ₹ 12 | 4정55 | 2≈53 |
| 2S 3S | 3 <u>₽</u> 17 | 5 m 43 5 m 56 | 5 x 40 6 x 03 | 3 궁 26 3 궁 47 | 1≈08 1≈18 | 4 <u>⊕</u> 23 4 <u>⊕</u> 24 | 6m45 | 6 ₹ 38 7 ₹ 00 | 4중21 4중42 | 2≈05 2≈16 | 5 <u>0</u> 29 | 7 m. 47 8 m. 01 | 7 ₹ 35 7 ₹ 57 | 5 궁 16 5 궁 37 | 3≈03 3≈13 |
| 4S | 3 ₾ 19 | 6m.09 | 6×03 | 4 3 07 | 1≈18 | 4 <u>2</u> 24 4 <u>2</u> 25 | 7 m 12 | 7 x · 00 7 x 23 | 5중02 | 2≈26 | 5 € 30 | 8 m 15 | 8 × 20 | 5 공 57 | 3≈13 |
| 5S | 3 ≏ 19 | 6m.22 | 6 <i>≱</i> 148 | 4궁28 | 1≈39 | 4≏26 | 7 m 26 | 7 <i>≱</i> 146 | 5중23 | 2≈36 | 5 <u>₽</u> 33 | 8 m. 29 | 8 <i>≱</i> 143 | 6중18 | 3≈34 |
| 6S | 3 ₾ 20 | 6m.36 | 7∡11 | 4궁49 | 1≈49 | 4≗27 | 7m39 | 8 ₹ 09 | 5중44 | 2≈47 | 5 △ 34 | 8 m. 43 | 9₹06 | 6중39 | 3≈44 |
| 7S | 3 2 21 | 6m49 | 7 ₹ 34 | 5ਰ10 | 2≈00 | 4 <u>2</u> 28 | 7 m.53 | 8 × 32 | 6궁04 | 2≈57 | 5 △ 35 | 8 m 57 | 9 🗷 29 | 6궁59 | 3≈54 |
| 8S 9S | 3 <u>₽</u> 22 | 7m.03 | 7 \$7 57 | 5 궁 30 | 2≈10 | 4 <u>0</u> 29 4 <u>0</u> 30 | 8m.08 | 8 🗷 55 | 6 궁 25 | 3≈07 | 5 △ 37 | 9m.12 | 9 🗷 53 | 7 3 20 7 3 41 | 4≈04 |
| | 3 ₾ 23 | 7 m. 18 | 8×21 | 5 공 51 | 2≈20 | | 8 m. 22 | 9 🗷 19 | 6 공 46 | 3≈17 | 5 2 38 | 9 m. 27 | 10 🗷 17 | | 4≈15 |
| 10S 11S | 3 <u>₽</u> 23 | 7 m 32 7 m 47 | 8 x 45 9 x 09 | 6 궁 12 6 궁 34 | 2≈31 2≈41 | 4 <u>⊕</u> 31 4 <u>⊕</u> 32 | 8 m. 37 8 m. 52 | 9 ∡ 43 10 ∡ 07 | 7 3 07 7 3 28 | 3≈28 3≈38 | 5 ≘ 39 | 9 m. 42 9 m. 57 | 10 \$\times 41 11 \$\times 05 | 8 국 02 8 국 23 | 4≈25 4≈35 |
| 12S | 3 <u>□</u> 25 | 8 m. 02 | 9 ₹ 33 | 6정55 | 2≈52 | 4 <u>0</u> 34 | 9m.07 | 10 × 37 | 7 3 49 | 3≈48 | 5 2 42 | 10 m. 13 | 11 🗷 30 | 8 3 44 | 4≈45 |
| 13S | 3 ≏ 26 | 8m.17 | 9∡58 | 7중16 | 3≈02 | 4≗35 | 9m23 | 10∡56 | 8동11 | 3≈59 | 5 ≏ 44 | 10 m 28 | 11 ₹ 55 | 9805 | 4≈56 |
| 14S | 3 ≏ 27 | 8m.32 | 10 ₹ 23 | 7중38 | 3≈13 | 4 ≏ 36 | 9m39 | 11 ₹ 22 | 8중32 | 4≈09 | 5 ≙ 45 | 10m.45 | 12 ₹ 20 | 9827 | 5≈06 |
| 15S | 3 <u>□</u> 28 | 8m.48 | 10×49 | 7중59 | 3≈23 | 4 △ 37 | 9m.55 | 11 🗷 47 | 8중54 | 4≈20 | 5 2 46 | 11 m.01 | 12×45 | 9정48 | 5≈16 |
| 16S 17S | 3 <u>₽</u> 29 | 9m.04 9m.21 | 11 x 14 11 x 41 | 8 궁 21 8 궁 43 | 3≈34 3≈45 | 4 <u>0</u> 38 | 10m.11 10m.28 | 12 ₹ 13 12 ₹ 39 | 9 궁 16 9 궁 38 | 4≈30 4≈41 | 5 ⊕ 48 5 ⊕ 49 | 11 m 18 11 m 35 | 13 × 11 13 × 38 | 10중10 10중32 | 5≈27 5≈37 |
| 17S 18S | 3 2 3 1 | 9 m 38 | 11 × 41 | 9 ට | 3≈43 | 4 <u>2</u> 40 | 10 m 45 | 12 x 39 13 × 06 | 10중00 | 4≈41 | 5 <u>2</u> 49 | 11 m 53 | 13 × 38 | 10~532 10~554 | 5≈48 |
| 19S | 3 ≏ 31 | 9m.55 | 12 ₹ 34 | 9궁28 | 4≈07 | 4 △ 42 | 11 m 03 | 13 ₹ 33 | 10중22 | 5≈02 | 5 ≙ 53 | 12 m 10 | 14×31 | 11중16 | 5≈58 |
| 20S | 3 <u>₽</u> 32 | 10 m 13 | 13 ∡ 02 | 9궁51 | 4≈17 | 4 <u>₽</u> 43 | 11 m 21 | 14∡01 | 10중44 | 5≈13 | 5 ≙ 54 | 12 m 29 | 14∡59 | 11중38 | 6≈09 |
| 21S | 3 <u>0</u> 33 | 10m.31 | 13 ₹ 30 | 10중13 | 4≈29 | 4 △ 45 | 11 m.39 | 14×29 | 11중07 | 5≈24 | 5 2 56 | 12 m. 48 | 15 ₹ 27 | 12중01 | 6≈20 |
| 22S 23S | 3 ≏ 34 3 ≏ 36 | 10m.49 11m.08 | 13 ₹ 58 14 ₹ 27 | 10 る 37 11 る 00 | 4≈40 4≈51 | 4 <u>⊕</u> 46 4 <u>⊕</u> 47 | 11 m.58 12 m.18 | 14 ∡ 57 15 ∡ 26 | 11중30 11중54 | 5≈35 5≈46 | 5 ⊕ 58 | 13 m.07 13 m.27 | 15 ₹ 56 16 ₹ 25 | 12 3 24 12 3 47 | 6≈31 6≈42 |
| 23S 24S | 3 € 30 | 11 m 28 | 14 x · 27 14 x · 57 | 11800 | 5≈02 | 4 <u>2</u> 47 4 <u>2</u> 49 | 12 m 38 | 15 x 26 15 x 56 | 12중17 | 5≈40 5≈58 | 6 <u>0</u> 01 | 13 m. 47 | 16 x 23 | 13310 | 6≈53 |
| 25S | 3 ₾ 38 | 11 m. 48 | 15 × 27 | 11348 | 5≈14 | 4₽50 | 12 m 59 | 16×26 | 12중41 | 6≈09 | 6203 | 14 m 08 | 17×25 | 13334 | 7≈04 |
| 26S | 3 ₾ 39 | 12 m 09 | 15 \$7 58 | 12312 | 5≈25 | 4 <u>0</u> 52 | 13 m. 20 | 16 🖈 57 | 13305 | 6≈20 | 6205 | 14 m 30 | 17×25 | 13 공 58 | 7≈15 |
| 27S | 3 △ 40 | 12m31 | 16∡30 | 12중37 | 5≈37 | 4₽53 | 13 m.42 | 17∡29 | 13중30 | 6≈32 | 6≗07 | 14 m 52 | 18 ₹ 27 | 14궁23 | 7≈27 |
| 288 | 3 △ 41 | 12m.53 | 17×102 | 13 る 02 | 5≈49 6⊶01 | 4 <u>0</u> 55 | 14m04 | 18 🗷 01 | 13 る 54 | 6≈44 | 6 <u>0</u> 09 | 15 m 15 | 18 🗷 59 | 14347 | 7≈39 |
| 29S | 3 <u>□</u> 42 | 13 m. 16 | 17 🗷 35 | 13827 | 6≈01 | 4 2 57 | 14 m. 28 | 18 🗷 34 | 14320 | 6≈56 | 6211 | 15 m 39 | 19 🛪 32 | 15중12 | 7≈50 |
| 30S 31S | 3 <u>₽</u> 44 | 13 m. 40 14 m. 04 | 18 ₹ 09 18 ₹ 43 | 13 る 53 14 る 19 | 6≈13 6≈26 | 4 <u>⊕</u> 58 5 <u>⊕</u> 00 | 14 m 52 15 m 17 | 19 ₹ 07 19 ₹ 42 | 14궁45 15궁11 | 7≈08 7≈20 | 6 ₽ 13 | 16m.03 16m.29 | 20 ₹ 06 20 ₹ 40 | 15 궁 38 16 궁 04 | 8≈02 8≈14 |
| 32S | 3 <u>□</u> 46 | 14m.30 | 19 \$7 19 | 14공46 | 6≈38 | 5 2 02 | 15 m. 43 | 20 🗷 17 | 15중38 | 7≈33 | 6217 | 16 m 55 | 21 🗷 16 | 16중30 | 8≈27 |
| 33S | 3 <u>₽</u> 48 | 14m.56 | 19∡55 | 15중13 | 6≈51 | 5 2 04 | 16m09 | 20 ∡ 54 | 16중05 | 7≈45 | 6₽20 | 17 m 22 | 21 ₹ 52 | 16궁57 | 8≈39 |
| 348 | 3 ≏ 49 | 15 m. 23 | 20 ₹ 33 | 15중40 | 7≈04 | 5 2 06 | 16m37 | 21 🗷 31 | 16중32 | 7≈58 | 6₽22 | 17m.50 | 22 ₹ 29 | 17る24 | 8≈52 |
| 35S | 3 ₾ 51 | 15 m 52 | 21 7 11 | 16중09 | 7≈18 | 5 △ 08 | 17m.06 | 22 🗷 09 | 17중00 | 8≈11 | 6.25 | 18 m 20 | 23 × 07 | 17 궁 52 | 9≈05 |
| 36S 37S | 3 ♀ 52 3 ♀ 54 | 16m.22 16m.53 | 21 🗷 51 22 🗷 31 | 16궁37 17궁07 | 7≈31 7≈45 | 5 <u>⊕</u> 10 5 <u>⊕</u> 12 | 17m.36 18m.08 | 22 ₹ 49 23 ₹ 29 | 17 る 29 17 る 58 | 8≈25 8≈38 | 6 <u>0</u> 27 6 <u>0</u> 30 | 18 m. 50 19 m. 22 | 23 x 46 24 x 27 | 18 궁 20 18 궁 49 | 9≈18 9≈32 |
| 38S | 3 - 2 5 6 | 17 m 25 | 23 🗷 13 | 17 3 37 | 7≈59 | 5 □ 12 | 18m.41 | 24×11 | 18 공 28 | 8≈52 | 6≗33 | 19 m 56 | 25 \$\sigma 08\$ | 19중18 | 9≈45 |
| 39S | 3 ≏ 57 | 17m.59 | 23 ∡ 57 | 18중07 | 8≈13 | 5 ≙ 17 | 19 m 15 | 24 ₹ 54 | 18궁58 | 9≈06 | 6₽36 | 20 m 30 | 25 ₹ 51 | 19궁48 | 9≈59 |
| 40S | 3 <u>₽</u> 59 | 18m.35 | 24∡41 | 18중39 | 8≈28 | 5 🕰 19 | 19m.51 | 25 ∡ 38 | 19궁29 | 9≈21 | 6₽39 | 21 m 07 | 26 ₹ 35 | 20궁19 | 10≈14 |
| 41S | 4≗01 | 19m.12 | 25 ₹ 27 | 19중11 | 8≈43 | 5 <u>0</u> 22 | 20m29 | 26×24 | 20중01 | 9≈36 | 6-242 | 21 m.45 | 27 <i>₹</i> 20 | 20궁51 | 10≈28 |
| 42S 43S | 4 ♀ 03 4 ♀ 05 | 19 m. 51 20 m. 32 | 26 ₹ 15 27 ₹ 04 | 19 궁 43 20 궁 17 | 8≈59 9≈14 | 5 <u>⊕</u> 24 5 <u>⊕</u> 27 | 21 m.08 21 m.50 | 27 ∡ 11 28 ∡ 00 | 20 궁 33 21 궁 06 | 9≈51 10≈06 | 6 <u>₽</u> 45 | 22 m.25 23 m.07 | 28 ∡ 07 28 ∡ 56 | 21궁23 21궁56 | 10≈43 10≈59 |
| 44S | 4 <u>0</u> 08 | 21 m 16 | 27 × 55 | 20 당 52 | 9≈31 | 5 € 30 | 22 m. 34 | 28 × 50 | 21 3 41 | 10≈00 | 6≗53 | 23 m 51 | 29 × 46 | 21 G 30 22 G 29 | 11≈14 |
| 45S | 4≗10 | 22 m 02 | 28 ∡ 47 | 21궁27 | 9≈47 | 5 🕰 33 | 23 m 20 | 29 ∡ 43 | 22중16 | 10≈39 | 6₽56 | 24 m.38 | 0중38 | 23궁04 | 11≈30 |
| 46S | 4 🕰 12 | 22 m 50 | 29 ₹ 42 | 22る03 | 10≈04 | 5 ≙ 37 | 24m.09 | 0る37 | 22중52 | 10≈56 | 7 ≏ 01 | 25 m 27 | 1ਰ31 | 23340 | 11≈47 |
| 47S | 4 <u>0</u> 15 | 23 m 42 | 0중38 | 22중41 | 10≈22 | 5 △ 40 | 25 m 01 | 1중33 | 23중29 | 11≈13 | 7 2 05 | 26 m 19 | 2827 | 24316 | 12≈04 |
| 48S 49S | 4 <u>₽</u> 18 4 <u>₽</u> 21 | 24 m 36 25 m 34 | 1중37 2중38 | 23 궁 19 23 궁 59 | 10≈40 10≈58 | 5 ⊕ 44 5 ⊕ 48 | 25 m 56 26 m 54 | 2중31 3중31 | 24 궁 07 24 궁 46 | 11≈31 11≈49 | 7 ♀ 10 7 ♀ 14 | 27 m. 14 28 m. 13 | 3중24 4중24 | 24궁54 25궁33 | 12≈22 12≈40 |
| 50S | 4 <u>≈</u> 21 | 26 m 36 | 3 공 41 | 24중39 | 10≈38 11≈17 | 5 <u></u> 48 | 27 m 57 | 4중34 | 25326 | 12≈08 | 7 2 2 0 | 29 m 16 | 5중26 | 26중12 | 12≈58 |
| 51S | 4 <u>11</u> 24 4 <u>11</u> 27 | 2011L30 | 3541 4 공 47 | 24 ට 39 25 군 21 | 11≈17 | 5 <u>4</u> 52 5 <u>6</u> 56 | 27 11637 29 11603 | 5 군 39 | 23 5 26 26 궁 07 | 12≈08 | 7 <u>a</u> 20 | 29 IL 16 0 ₹ 22 | 5 5 26 6 궁 30 | 26 당 53 | 12≈58 |
| 52S | 4 <u>₽</u> 31 | 28 m 54 | 5중56 | 26중05 | 11≈58 | 6₽01 | 0 ≉ 14 | 6중47 | 26궁50 | 12≈47 | 7 ≏ 31 | 1 ₹ 33 | 7중37 | 27중36 | 13≈37 |
| 53S | 4 <u>0</u> 35 | 0 × 10 | 7307 | 26중49 | 12≈19 | 6₽06 | 1 🗷 30 | 7정57 | 27중35 | 13≈08 | 7 <u>0</u> 38 | 2 🗷 49 | 8 궁 47 | 28 궁 19 | 13≈58 |
| 548 | 4 <u>₽</u> 39 | 1 \$731 | 8321 | 27중36 | 12≈40 | 6 △ 12 | 2 ₹ 52 | 9중10 | 28320 | 13≈30 | 7 2 45 | 4 🗷 11 | 9궁59 | 29중05 | 14≈19 |
| 55S 56S | 4 <u>₽</u> 43 4 <u>₽</u> 48 | 3 ₹ 00 4 ₹ 35 | 9 さ 39 | 28중24 29중13 | 13≈03 13≈27 | 6 <u>⊕</u> 18 | 4 ₹ 20 5 ₹ 55 | 10궁27 11궁47 | 29 궁 07 29 궁 56 | 13≈52 14≈15 | 7 <u>₽</u> 52 8 <u>₽</u> 00 | 5 ₹ 39 7 ₹ 13 | 11 る 15 12 る 33 | 29 궁 51 0≈39 | 14≈41 15≈04 |
| 57S | 4 <u>11</u> 48 4 <u>11</u> 54 | 6×18 | 11500 12 3 24 | 0≈04 | 13≈27 13≈51 | 6 <u>₽</u> 24 | 7×137 | 11647 13중10 | 29€36 0≈47 | 14≈13 14≈39 | 8500 | 8 × 15 | 12 も 33 13 そ 55 | 1≈29 | 15≈04 |
| 58S | 5₽00 | 8 ∡ 10 | 13 공 52 | 0≈58 | 14≈17 | 6₽39 | 9∡28 | 14궁36 | 1≈39 | 15≈04 | 8 ₾ 19 | 10 ₹ 45 | 15중21 | 2≈21 | 15≈52 |
| 59S | 5≗06 | 10∡11 | 15중24 | 1≈53 | 14≈43 | 6₽48 | 11 ₹ 28 | 16중07 | 2≈34 | 15≈30 | 8호30 | 12 ₹ 44 | 16궁50 | 3≈15 | 16≈18 |
| 60S | 5 2 13 | 12 ₹ 23 | 17중00 | 2≈50 | 15≈11 | 6≏58 | 13 ₹ 39 | 17중41 | 3≈30 | 15≈58 | 8 2 42 | 14 × 53 | 18중23 | 4≈11 | 16≈44 |
| 61S | 5 <u>₽</u> 21 | 14 ₹ 47 17 ₹ 24 | 18 る 40 | 3≈50 | 15≈40 16×10 | 7 ≏ 08 | 16×101 | 19중20 | 4≈29 5×20 | 16≈26 | 8 <u>0</u> 55 | 17 🗷 13 | 19궁59 | 5≈08 | 17≈12 17≈42 |
| 62S 63S | 5 ≗ 30 5 ≗ 41 | 20 × 16 | 20중24 22중13 | 4≈52 5≈56 | 16≈10 16≈42 | 7 <u>⊕</u> 20 7 <u>⊕</u> 34 | 18 ₹ 36 21 ₹ 24 | 21중02 22중50 | 5≈30 6≈34 | 16≈56 17≈27 | 9 <u>₽</u> 10 | 19 ₹ 45 22 ₹ 30 | 21중41 23중26 | 6≈09 7≈11 | 17≈42 |
| 64S | 5 - 52 | 23 × 23 | 24 궁 07 | 7≈03 | 17≈15 | 7 - 34 | 24 × 27 | 24 공 41 | 7≈40 | 18≈00 | 9₽46 | 25 × 29 | 25중16 | 8≈16 | 18≈44 |
| 65S | 6₽06 | 26 ₹ 46 | 26중06 | 8≈13 | 17≈50 | 8ჲ07 | 27 ≉ 45 | 26중38 | 8≈49 | 18≈34 | 10ჲ08 | 28 ₹ 43 | 27중10 | 9≈24 | 19≈18 |
| 66S | 6≏21 | 0중26 | 28궁09 | 9≈27 | 18≈27 | 8 ₾ 28 | 1중20 | 28궁39 | 10≈01 | 19≈10 | 10 ₾ 33 | 2중12 | 29궁09 | 10≈35 | 19≈54 |
| pc | 6₽31 | 2중38 | 29중20 | 10≈09 | 18≈48 | 8 ≏ 41 | 3중28 | 29궁49 | 10≈43 | 19≈31 | 10≗50 | 4중17 | 0≈18 | 11≈16 | 20≈15 |

| | Sid.Tin MC: | | 24m A 16'50 | RMC: 1 | 56°00' | Sid.Tir MC: | | 28m A 0'20 | RMC: 1 | 57°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 | 7 ≙ 37 | 9 m. 23 | 8 ₹ 43 | 6중25 | 4≈39 | 8 ≏ 42 | 10 m. 24 | 9 ∡ 39 | 7云20 | 5≈38 |
| 1S | 6₽33 | 8m.36 | 8 ₹ 09 | 5중51 | 3≈51 | 7 ≏ 39 | 9m37 | 9 ₹ 05 | 6 궁 46 | 4≈49 | 8 ≏ 44 | 10m39 | 10 ₹ 02 | 7중41 | 5≈48 |
| 2S | 6₽35 | 8 m. 49 | 8×31 | 6중11 | 4≈01 | 7 △ 40 | 9m.51 | 9 ₹ 28 | 7중06 | 4≈59 | 8 2 46 | 10 m. 53 | 10 🗷 25 | 8중01 | 5≈57 |
| 3S 4S | 6 <u>₽</u> 36 | 9m.03 9m.17 | 8 ₹ 54 9 ₹ 17 | 6 궁 32 6 궁 52 | 4≈11 4≈21 | 7 ≗ 42 7 ≗ 44 | 10m.06 10m.20 | 9∡51 10∡14 | 7327 7347 | 5≈09 5≈19 | 8요48 8요50 | 11 m.07 11 m.22 | 10∡48 11∡11 | 8중22 8중42 | 6≈07 6≈17 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 6 ♀ 39 | 9 m 32 9 m 46 | 9 ₹ 40 10 ₹ 03 | 7정13 7정34 | 4≈31 4≈41 | 7 ≗ 46 7 ≗ 47 | 10m.34 10m.49 | 10 ₹37 11 ₹00 | 8 3 08 8 3 28 | 5≈29 5≈39 | 8 <u>요</u> 52 8 <u>요</u> 54 | 11 m. 37 11 m. 52 | 11 ₹ 34 11 ₹ 57 | 9 さ 03 9 さ 23 | 6≈27 6≈37 |
| 7S | 6 <u>₽</u> 42 | 10m.01 | 10 x · 03 10 z · 27 | 7834 7854 | 4≈41 4≈52 | 7 <u>a</u> 47 | 11 m 04 | 11 x 00 | 8 3 49 | 5≈39 5≈49 | 8 <u>2</u> 56 | 12 m 07 | 11 x·37 12 z 21 | 9 8 23 | 6≈47 |
| 8S | 6 <u>₽</u> 44 | 10 m 16 | 10 \$ 27 | 8중15 | 5≈02 | 7-2-51 | 11 m 19 | 11 🗷 48 | 9 궁 10 | 5≈59 | 8 <u>0</u> 58 | 12 m 23 | 12 🗷 45 | 10중05 | 6≈57 |
| 9S | 6 ₽ 46 | 10m.31 | 11 ≉ 14 | 8중36 | 5≈12 | 7 ≏ 53 | 11 m 35 | 12 ∡ 12 | 9 궁 30 | 6≈09 | 9ჲ01 | 12 m 38 | 13 ≉ 09 | 10중25 | 7≈07 |
| 10S | 6 ჲ 47 | 10m.46 | 11 ∡ 38 | 8중57 | 5≈22 | 7ჲ55 | 11 m.50 | 12 ∡ 36 | 9 ප 51 | 6≈19 | 9ჲ03 | 12 m.54 | 13 ₹ 33 | 10중46 | 7≈16 |
| 11S | 6 ₽ 49 | 11 m 02 | 12 ₹ 03 | 9 궁 18 | 5≈32 | 7≗57 | 12m06 | 13 ₮ 00 | 10궁12 | 6≈29 | 9 ≏ 05 | 13 m 10 | 13 ₹ 58 | 11궁07 | 7≈26 |
| 12S | 6₽50 | 11 m 18 | 12 ₹ 28 | 9중39 | 5≈42 | 7 ≏ 59 | 12 m 22 | 13 ₹ 25 | 10중33 | 6≈39 | 9≏07 | 13 m.27 | 14 ₹ 23 | 11328 | 7≈36 |
| 13S | 6 <u>₽</u> 52 | 11 m 34 | 12 7 52 | 10궁00 | 5≈52 | 8 <u>0</u> 01 | 12m39 | 13 🗷 50 | 10공54 | 6≈49 | 9209 | 13 m.44 | 14 🗷 48 | 11349 | 7≈46 |
| 14S | 6 ≏ 54 | 11 m.50 | 13 ₹ 18 | 10중21 | 6≈03 | 8호03 | 12m.56 | 14 ₹ 16 | 11315 | 6≈59 | 9 2 12 | 14m.01 | 15 ₹ 13 | 12궁10 | 7≈56 |
| 15S | 6256 | 12m07 | 13 🗷 43 | 10342 | 6≈13 | 8 <u>0</u> 05 | 13 m 13 | 14 🗷 41 | 11 る 37 11 る 58 | 7≈09 | 9 2 14 | 14m.18 | 15×39 | 12중31 | 8≈06 |
| 16S 17S | 6 <u>₽</u> 58 | 12 m 24 12 m 42 | 14 ∡ 09 14 ∡ 36 | 11 る 04 11 る 26 | 6≈23 6≈33 | 8 요 07 8 요 09 | 13 m 30 13 m 48 | 15 ₹ 07 15 ₹ 34 | 12520 | 7≈20 7≈30 | 9 亞 16 | 14 m. 36 14 m. 54 | 16∡05 16∡31 | 12る52 13る14 | 8≈16 8≈26 |
| 17S | 7 ≗ 01 | 12 m 59 | 14 x · 30 15 ∡ 03 | 11348 | 6≈44 | 8 <u>0</u> 11 | 14m.06 | 15 x 34 16 z 00 | 12820 | 7≈30 | 921 | 15 m 12 | 16×31 | 13814 | 8≈37 |
| 19S | 7≗03 | 13 m 18 | 15 ₹ 30 | 12중10 | 6≈54 | 8 2 14 | 14m.25 | 16 ₹ 28 | 13304 | 7≈51 | 9≏24 | 15 m 31 | 17 ₹ 25 | 13중58 | 8≈47 |
| 20S | 7ჲ05 | 13 m 37 | 15 ₹ 57 | 12중32 | 7≈05 | 8≏16 | 14 m. 44 | 16∡55 | 13궁26 | 8≈01 | 9₽26 | 15 m.51 | 17 <i>≱</i> 53 | 14궁20 | 8≈57 |
| 21S | 7≗07 | 13 m 56 | 16 ₹ 25 | 12공55 | 7≈16 | 8 ₾ 18 | 15 m 03 | 17 ₹ 23 | 13~348 | 8≈12 | 9₽29 | 16 m 10 | 18 ₹ 21 | 14342 | 9≈08 |
| 22S | 7ჲ09 | 14 m 15 | 16∡754 | 13중17 | 7≈26 | 8₽21 | 15 m 23 | 17 ∡ 52 | 14중11 | 8≈22 | 9മ32 | 16m31 | 18 ∡ 50 | 15중04 | 9≈18 |
| 238 | 7 <u>₽</u> 11 | 14m.36 | 17×23 | 13340 | 7≈37 | 8 <u>₽</u> 23 | 15 m. 44 | 18 7 21 | 14궁34 | 8≈33 | 9 ₾ 35 | 16m.52 | 19 🗷 19 | 15327 | 9≈29 |
| 24S | 7 ≏ 13 | 14m.56 | 17 ₹ 53 | 14궁04 | 7≈48 | 8 ♣ 25 | 16m.05 | 18 ₹ 51 | 14궁57 | 8≈44 | 9≗37 | 17 m 13 | 19∡48 | 15중50 | 9≈39 |
| 25S | 7 2 16 | 15m.18 | 18 × 23 | 14327 | 7≈59 | 8 ₾ 28 | 16m.27 | 19 🗷 21 | 15중20 | 8≈55 | 9₽40 | 17m.35 | 20 7 19 | 16궁14 | 9≈50 |
| 26S 27S | 7 ≗ 18 7 ≗ 20 | 15 m 40 16 m 02 | 18 ₹ 54 19 ₹ 25 | 14궁51 15궁15 | 8≈11 8≈22 | 8 <u>0</u> 31 | 16m49 17m12 | 19 ₹ 52 20 ₹ 23 | 15 공 44 16 공 08 | 9≈06 9≈17 | 9 <u>0</u> 43 | 17 m. 58 18 m. 21 | 20 ₹49 21 ₹21 | 16 궁 37 17 궁 01 | 10≈01 10≈12 |
| 28S | 7 = 20 | 16 m 25 | 19 \$7 57 | 15840 | 8≈33 | 8 <u>0</u> 36 | 17 mc 12 | 20 x 25 20 x 55 | 16중33 | 9≈28 | 9₽50 | 18 m. 45 | 21 \$753 | 17 3 01 | 10≈12 |
| 29S | 7 ≏ 25 | 16m.50 | 20 ₹ 30 | 16궁05 | 8≈45 | 8₽39 | 18m.00 | 21 ∡ 28 | 16궁57 | 9≈40 | 9₽53 | 19 m 10 | 22 ₹ 25 | 17궁50 | 10≈35 |
| 30S | 7 ≏ 27 | 17m.14 | 21 ₹ 04 | 16중30 | 8≈57 | 8 <u>0</u> 42 | 18m.25 | 22 ∡ 01 | 17る22 | 9≈52 | 9₽56 | 19 m. 35 | 22 ₹ 59 | 18궁15 | 10≈46 |
| 31S | 7 ≏ 30 | 17m.40 | 21 ∡ 38 | 16궁56 | 9≈09 | 8-245 | 18m.51 | 22 ∡ 36 | 17궁48 | 10≈03 | 10 ₾ 00 | 20m.01 | 23 ₹ 33 | 18중40 | 10≈58 |
| 32S | 7 ≏ 33 | 18m.07 | 22 ∡ 13 | 17중22 | 9≈21 | 8മ48 | 19m.18 | 23 ∡ 11 | 18궁14 | 10≈15 | 10 ₾ 03 | 20 m 29 | 24 ∡ 08 | 19 궁 06 | 11≈10 |
| 33S | 7 2 36 | 18m.34 | 22 × 50 | 17348 | 9≈33 | 8 <u>0</u> 51 | 19m.46 | 23 🗷 47 | 18340 | 10≈28 | 10 2 07 | 20 m. 57 | 24 🗷 44 | 19중32 | 11≈22 |
| 348 | 7 ≏ 38 | 19m.03 | 23 ₹ 27 | 18중15 | 9≈46 | 8 <u>0</u> 55 | 20m.15 | 24 ₹ 24 | 19궁07 | 10≈40 | 10≗11 | 21 m.26 | 25 ₹ 21 | 19궁58 | 11≈34 |
| 35S | 7 2 41 | 19 m 33 | 24 🗷 05 | 18343 | 9≈59 | 8 <u>0</u> 58 | 20 m. 45 | 25 × 02 | 19중34 | 10≈53 | 10 ₾ 15 | 21 m.57 | 25 × 58 | 20중25 | 11≈46 |
| 36S 37S | 7 ≗ 45 7 ≗ 48 | 20 m 04 20 m 36 | 24 ₹ 44 25 ₹ 24 | 19 궁 11 19 궁 40 | 10≈12 10≈25 | 9 <u>0</u> 02 | 21 m. 16 21 m. 49 | 25 ₹ 40 26 ₹ 20 | 20중02 20중30 | 11≈05 11≈19 | 10 <u>₽</u> 19 | 22 m.28 23 m.01 | 26 ₹ 37 27 ₹ 17 | 20중53 21중21 | 11≈59 12≈12 |
| 38S | 7 ≗ 48 | | 26×24 | | 10≈23 | 9209 | | 20 x 20 27 z 01 | | | | | 27 × 17 | | I |
| 39S | 7 ≙ 55 | 21 m 45 | 26 ₹ 48 | 20중39 | 10≈52 | 9 ≏ 14 | 22 m 59 | 27 ₹ 44 | 21829 | 11≈45 | 10 - 32 | 24 m 12 | 28 ₹ 40 | 22중19 | 12≈39 |
| 40S | 7ჲ58 | 22 m 22 | 27 <i>≱</i> 31 | 21궁09 | 11≈07 | 9₽18 | 23 m 36 | 28 ₹ 27 | 21궁59 | 11≈59 | 10≘37 | 24 m.49 | 29 ₹ 23 | 22궁49 | 12≈52 |
| 41S | 8 ₾ 02 | 23 m 00 | 28 ₹ 16 | 21궁40 | 11≈21 | 9 ₾ 22 | 24 m 14 | 29 🗷 12 | 22330 | 12≈14 | 10 ₾ 42 | 25 m 28 | 0중07 | 23중19 | 13≈06 |
| 42S | 8₽06 | 23 m 40 | 29 ₮ 03 | 22중12 | 11≈36 | 9 ≏ 27 | 24 m 55 | 29 ∡ 58 | 23중01 | 12≈28 | 10≏48 | 26 m 09 | 0중53 | 23중51 | 13≈21 |
| 43S | 8 ₾ 10 | 24 m 23 | 29 🗷 51 | 22345 | 11≈51 | 9 ≏ 32 | 25 m 38 | 0중46 | 23334 | 12≈43 | 10 ₾ 53 | 26 m 52 | 1340 | 24823 | 13≈35 |
| 44S | 8₽15 | 25 m 07 | 0중41 | 23중18 | 12≈06 | 9₽37 | 26 m. 23 | 1중35 | 24중07 | 12≈58 | 10≗59 | 27 m 37 | 2829 | 24궁55 | 13≈50 |
| 45S | 8 <u>₽</u> 20 | 25 m. 54 | 1중32 | 23중53 | 12≈22 | 9 △ 42 | 27 m 10 | 2 3 26 | 24341 | 13≈14 | 11 2 05 | 28 m 25 | 3 る 20 | 25329 | 14≈06 |
| 46S 47S | 8 <u>요</u> 24 8 <u>요</u> 30 | 26 m 44 27 m 36 | 2중25 3중20 | 24궁28 25궁04 | 12≈39 12≈55 | 9 <u>0</u> 48 | 28 m. 00 28 m. 52 | 3 당 19 4 당 13 | 25 궁 16 25 궁 51 | 13≈30 13≈47 | 11 <u>□</u> 12 | 29 m.15 0 x 07 | 4궁12 5궁06 | 26 궁 04 26 궁 39 | 14≈22 14≈38 |
| 47S 48S | 8 <u>0</u> 35 | 27 IL 36 28 IL 32 | 3520 4 3 17 | 25 중 41 | 12≈55 13≈13 | 10 <u>0</u> 01 | 28 116 52 29 m 48 | 5 日 10 | 23 5 31 | 13≈47 | 11 <u>2</u> 19 | 1 \$7 03 | 5506 6 3 02 | 20 5 39 27 중 15 | 14≈58 14≈55 |
| 49S | 8 - 41 | 29 m 31 | 5중16 | 26중19 | 13≈30 | 10至01 | 0 🗷 47 | 6중08 | 27중06 | 14≈21 | 11 <u>□</u> 34 | 2 \$\sigma 02\$ | 7중00 | 27중53 | 15≈12 |
| 50S | 8 ≏ 47 | 0 ₹ 33 | 6궁18 | 26궁59 | 13≈49 | 10 ₾ 15 | 1 ₹ 50 | 7云09 | 27중45 | 14≈39 | 11 <u>≏</u> 42 | 3 ₹ 05 | 8동00 | 28중31 | 15≈30 |
| 51S | 8₽54 | 1 × 40 | 7중21 | 27중39 | 14≈07 | 10 ₾ 23 | 2 ₹ 56 | 8중12 | 28825 | 14≈58 | 11 <u>0</u> 51 | 4 ₹ 12 | 9중02 | 29중11 | 15≈48 |
| 52S | 9ჲ01 | 2 ₹ 51 | 8중27 | 28중21 | 14≈27 | 10മ31 | 4 ₹ 07 | 9궁17 | 29중06 | 15≈17 | 12≗00 | 5 ₹ 23 | 10중07 | 29궁51 | 16≈07 |
| 53S | 9₾09 | 4×107 | 9중36 | 29중04 | 14≈47 | 10 2 40 | 5 🗷 23 | 10궁25 | 29349 | 15≈37 | 12 🖴 10 | 6×38 | 11314 | 0≈33 | 16≈26 |
| 54S | 9 □ 17 | 5×128 | 10궁48 | 29349 | 15≈08 | 10 ₾ 49 | 6 🗷 44 | 11336 | 0≈33 | 15≈57 | 12 € 21 | 7 🗷 59 | 12323 | 1≈17 | 16≈46 |
| 55S | 9₽26 | 6×156 | 12 る 02 | 0≈35 | 15≈30 | 11 🖴 00 | 8 🗷 11 | 12349 | 1≈18 | 16≈18 | 12 <u>0</u> 33 | 9 \$7 25 | 13 3 36 | 2≈02 | 17≈07 |
| 56S 57S | 9 ≗ 36 9 ≗ 47 | 8 ₹ 29 10 ₹ 11 | 13る20 14名40 | 1≈22 2≈12 | 15≈52 16≈15 | 11 <u>0</u> 11 | 9 ₹ 45 11 ₹ 25 | 14궁06 15궁25 | 2≈05 2≈54 | 16≈41 17≈03 | 12 <u>₽</u> 46 13 <u>₽</u> 00 | 10 ₹ 58 12 ₹ 38 | 14 궁 51 16 궁 10 | 2≈48 3≈36 | 17≈29 17≈52 |
| 58S | 9 <u>0</u> 47 | 10×11 12×100 | 14840 | 3≈03 | 16≈13 | 11 <u>22</u> 4 | 13 × 13 | 15 6 25 | 3≈44 | 17≈03 | 13 <u>≈</u> 00 | 14×25 | 17중31 | 3≈30 4≈26 | 17≈32 18≈15 |
| 59S | 10 ₾ 11 | 13 ₹ 57 | 17중32 | 3≈56 | 17≈05 | 11 ₾ 52 | 15 ≈ 09 | 18궁14 | 4≈36 | 17≈52 | 13 ₾ 32 | 16 ₹ 20 | 18궁56 | 5≈17 | 18≈39 |
| 60S | 10≏25 | 16 ₹ 05 | 19궁04 | 4≈51 | 17≈31 | 12 ₾ 08 | 17 ≈ 15 | 19궁44 | 5≈31 | 18≈18 | 13 ₾ 51 | 18 ₹ 24 | 20궁25 | 6≈11 | 19≈05 |
| 61S | 10≏41 | 18 ₹ 23 | 20중39 | 5≈48 | 17≈59 | 12 ≏ 27 | 19∡31 | 21중18 | 6≈27 | 18≈45 | 14 🕰 12 | 20 ₹ 38 | 21궁57 | 7≈06 | 19≈31 |
| 62S | 10≏59 | 20 × 52 | 22중18 | 6≈47 | 18≈27 | 12 △ 47 | 21 × 58 | 22궁56 | 7≈25 | 19≈13 | 14≏35 | 23 ₹ 02 | 23중33 | 8≈04 | 19≈59 |
| 63S | 11 2 19 | 23 🗷 34 | 24중02 | 7 ≈ 49 | 18≈58 | 13 ₾ 10 | 24 🗷 37 | 24중38 | 8≈26 0 20 | 19≈43 | 15 🖴 01 | 25 🗷 38 | 25314 | 9≈03 | 20≈28 |
| 64S | 11 🖴 42 | 26 🗷 29 | 25궁50 | 8 ≈ 53 | 19≈29 | 13 ₾ 37 | 27 🗷 29 | 26324 | 9≈29 | 20≈14 | 15 ₾ 31 | 28 🗷 26 | 26궁58 | 10≈06 | 20≈59 |
| 65S | 12 <u>0</u> 08 | 29 × 39 | 27 3 42 | 10≈00 | 20≈02 20≈37 | 14 🖴 07 | 0중34 | 28314 | 10≈35 | 20≈47 | 16 2 46 | 1328 | 28346 | 11≈11 | 21≈31 |
| 66S pc | 12 ≘ 38 12 ≘ 58 | 3 군 03 5 군 05 | 29⋜39 0≈47 | 11≈10 11≈50 | 20≈37 20≈58 | 14 <u>0</u> 43 | 3 공 53 5 공 51 | 0≈09 1≈16 | 11≈44 12≈24 | 21≈21 21≈41 | 16 ≗ 46 17 ≗ 11 | 4 3 42 6 3 37 | 0≈39 1≈45 | 12≈18 12≈57 | 22≈04 22≈24 |
| P | 12-30 | 2003 | ∪~ ⊤ / | 11~30 | 20~30 | 15-05 | 2031 | 1~10 | 12~27 | 21~71 | 1,-11 | L 3031 | 1~73 | 12~31 | 22~24 |

| | Sid.Tir MC: | | 36m A 7'46 | RMC: 1 | 59°00' | Sid.Tir MC: | ne: 10h4 8m/2 | 40m A 21'41 | RMC: 1 | 60°00' | Sid.Tir MC: | | 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 | 10궁06 | 8≈34 |
| 18 | 9 ≙ 49 | 11 m. 40 | 10 ₹ 58 | 8중36 | 6≈46 | 10 ₾ 55 | 12m41 | 11 🗷 54 | 9중31 | 7≈45 | 12 ₾ 00 | 13 m.42 | 12×51 | 10궁27 | 8≈44 |
| 2S | 9 <u>₽</u> 52 | 11 m. 54 | 11 7 21 | 8 궁 57 | 6≈56 | 10 - 57 | 12m.56 | 12 🗷 17 | 9 궁 52 | 7≈54 | 12 🖴 03 | 13 m. 57 | 13 🗷 14 | 10347 | 8≈53 003 |
| 3S 4S | 9 ≗ 54 | 12m09 12m24 | 11 ∡ 44 12 ∡ 07 | 9 궁 17 9 궁 37 | 7≈06 7≈15 | 11 <u>00</u> 0 | 13 m.11 13 m.26 | 12 ₹41 13 ₹04 | 10중12 10중32 | 8≈04 8≈14 | 12 ♀ 05 12 ♀ 08 | 14 m. 12 14 m. 28 | 13 ₹37 14 ₹00 | 11 궁 07 11 궁 28 | 9≈03 9≈12 |
| | | | | | | | | | | | 12 - 00 | | | | |
| 5S 6S | 9 ≏ 58 10 ≏ 01 | 12 m 39 12 m 55 | 12 ₹31 12 ₹54 | 9 궁 58 10 궁 18 | 7≈25 7≈35 | 11 <u>05</u> 11 <u>07</u> | 13 m. 41 13 m. 57 | 13 ₹ 27 13 ₹ 51 | 10중53 11중13 | 8≈23 8≈33 | 12 <u>0</u> 11 | 14 m. 43 14 m. 59 | 14 🗷 24 14 🗷 47 | 11る48 12る08 | 9≈22 9≈31 |
| 7S | 10 201 | 13 m 10 | 13 \$7 18 | 10명39 | 7≈35 7≈45 | 11 <u>a</u> 07 | 14 m. 13 | 14 × 15 | 11중34 | 8≈43 | 12 <u>=</u> 17 | 15 m 15 | 15 \$7 11 | 12 3 08 | 9≈41 |
| 8S | 10 2 0 5 | 13 m 26 | 13 ₹ 42 | 10궁59 | 7≈54 | 11 ≏ 13 | 14m29 | 14 ∡ 39 | 11궁54 | 8≈52 | 12 ₾ 20 | 15 m 31 | 15 ₹ 35 | 12궁49 | 9≈50 |
| 9S | 10മ08 | 13 m.42 | 14 🗷 06 | 11중20 | 8≈04 | 11 ≏ 15 | 14 m 45 | 15 ₮ 03 | 12중15 | 9≈02 | 12 ₾ 22 | 15 m.48 | 16∡00 | 13궁09 | 10≈00 |
| 10S | 10 🕰 10 | 13 m. 58 | 14∡30 | 11ਰ41 | 8≈14 | 11 ≏ 18 | 15 m 01 | 15 ₹ 27 | 12중35 | 9≈12 | 12 ≏ 25 | 16m.05 | 16∡24 | 13る30 | 10≈09 |
| 11S | 10 ≏ 13 | 14 m 14 | 14 ₹ 55 | 12중01 | 8≈24 | 11 ₾ 21 | 15 m 18 | 15 ₹ 52 | 12궁56 | 9≈21 | 12≏28 | 16m22 | 16 ₹ 49 | 13중51 | 10≈19 |
| 12S | 10 2 15 | 14m.31 | 15 🗷 20 | 12중22 | 8≈34 | 11 223 | 15 m 35 | 16×17 | 13중17 | 9≈31 | 12 ₾ 31 | 16m39 | 17 🗷 14 | 14중11 | 10≈28 |
| 13S 14S | 10 ⊆ 18 | 14m.48 15m.06 | 15 ₹ 45 16 ₹ 10 | 12 さ 43 13 さ 04 | 8≈43 8≈53 | 11 <u>⊕</u> 26 11 <u>⊕</u> 29 | 15 m 52 16 m 10 | 16 ∡ 42 17 ∡ 08 | 13중37 13중58 | 9≈41 9≈50 | 12 ≘ 35 12 ≘ 38 | 16m.56 17m.14 | 17∡39 18∡05 | 14궁32 14궁53 | 10≈38 10≈48 |
| | | | | | | | | | | | | | | | |
| 15S | 10 <u>₽</u> 23 | 15 m. 23 15 m. 41 | 16 ₹ 36 17 ₹ 02 | 13る25 13る47 | 9≈03 9≈13 | 11 <u>⊕</u> 32 | 16m.28 16m.46 | 17 ₹ 33 18 ₹ 00 | 14궁19 14궁41 | 10≈00 10≈10 | 12 ≏ 41 12 ≏ 44 | 17 m. 32 17 m. 51 | 18 ₹ 30 18 ₹ 57 | 15 공 14 | 10≈57 11≈07 |
| 16S 17S | 10 2 2 0 | 16m.00 | 17×102 | 13547 | 9≈13 | 11 <u>2</u> 33 | 17 m 05 | 18 × 26 | 14 5 41 15 중 02 | 10≈10 | 12 <u>2</u> 44 | 17 IL 31 | 18 x 37 19 z 23 | 15 日 55 | 11≈07 11≈17 |
| 18S | 10≗27 | 16m.18 | 17×25 | 14명30 | 9≈33 | 11 <u>2</u> 38 | 17 m. 24 | 18 🖈 53 | 15 G 02 | 10≈20 | 12 <u>2</u> 51 | 18 m. 29 | 19 \$7 50 | 16명17 | 11≈17 |
| 19S | 10 △ 34 | 16m.38 | 18 ₹ 23 | 14궁51 | 9≈43 | 11 △ 44 | 17m.43 | 19 ₹ 20 | 15중45 | 10≈40 | 12 △ 54 | 18m.49 | 20 ∡ 17 | 16궁39 | 11≈36 |
| 20S | 10≗37 | 16m.57 | 18∡50 | 15중13 | 9≈53 | 11 △ 48 | 18 m. 03 | 19 ∡ 48 | 16궁07 | 10≈50 | 12ჲ58 | 19 m.09 | 20 ₹ 45 | 17중01 | 11≈46 |
| 21S | 10 🖴 40 | 17m.17 | 19 द्र⁴ 19 | 15ਰ35 | 10≈04 | 11 ≏ 51 | 18m24 | 20 ∡ 16 | 16중29 | 11≈00 | 13 ≏ 02 | 19m30 | 21 ∡ 13 | 17중22 | 11≈56 |
| 22S | 10 △ 43 | 17m.38 | 19 ₹ 47 | 15중58 | 10≈14 | 11 ≏ 54 | 18m.45 | 20 ∡ 44 | 16공51 | 11≈10 | 13 ≏ 05 | 19m.51 | 21 🗷 41 | 17궁45 | 12≈06 |
| 23S | 10 △ 46 | 17m.59 | 20 7 16 | 16궁20 | 10≈25 | 11 2 58 | 19m.06 | 21 🗷 13 | 17314 | 11≈21 | 13 ₾ 09 | 20 m 13 | 22 🗷 10 | 18307 | 12≈17 |
| 24S | 10 △ 49 | 18m.21 | 20 ∡ 46 | 16중43 | 10≈35 | 12 ₾ 01 | 19m28 | 21 🗷 43 | 17중36 | 11≈31 | 13 ₾ 13 | 20 m 35 | 22 ₹ 40 | 18궁29 | 12≈27 |
| 25S | 10 2 53 | 18m.43 | 21 🗷 16 | 17중06 | 10≈46 | 12 ₾ 05 | 19m.51 | 22 🗷 13 | 17 る 59 | 11≈41 | 13 ₾ 17 | 20 m. 58 | 23 🗷 10 | 18궁52 | 12≈37 |
| 26S 27S | 10 ♀ 56 10 ♀ 59 | 19m.06 19m.29 | 21 🗷 47 22 🗷 18 | 17 る 30 17 る 54 | 10≈57 11≈07 | 12 <u>a</u> 09 | 20 m. 14 20 m. 38 | 22 ∡ 44 23 ∡ 15 | 18 궁 23 18 궁 46 | 11≈52 12≈03 | 13 <u>₽</u> 21 | 21 m.21 21 m.45 | 23 × 40 24 × 12 | 19 る 15 19 る 39 | 12≈48 12≈58 |
| 28S | 11 2 03 | 19m.54 | 22 × 10 | 18중18 | 11≈19 | 12 <u>=</u> 12 | 21 m 02 | 23 × 13 | 19중10 | 12≈14 | 13 <u>≈</u> 29 | 22 m 10 | 24 × 12 | 20중02 | 13≈09 |
| 29S | 11 ⊆ 07 | 20m 19 | 23 ₹ 22 | 18중42 | 11≈30 | 12 ₾ 20 | 21 m.28 | 24 🗷 19 | 19궁34 | 12≈25 | 13 <u> </u> | 22 m 36 | 25 ₹ 16 | 20궁26 | 13≈20 |
| 30S | 11 ≏ 10 | 20m.45 | 23 ₹ 56 | 19궁07 | 11≈41 | 12 | 21 m.54 | 24 ₹ 53 | 19궁59 | 12≈36 | 13 ₾ 38 | 23 m.02 | 25 ₹ 49 | 20궁51 | 13≈31 |
| 31S | 11 ⊆ 14 | 21 m 11 | 24 ₮ 30 | 19중32 | 11≈53 | 12 ₾ 29 | 22 m 21 | 25 ₹ 26 | 20궁24 | 12≈47 | 13 <u>△</u> 43 | 23 m 30 | 26 ₹ 23 | 21궁15 | 13≈42 |
| 32S | 11 ≏ 18 | 21 m 39 | 25 ₹ 05 | 19ਰ57 | 12≈04 | 12 △ 33 | 22 m 49 | 26 ₹ 01 | 20궁49 | 12≈59 | 13 △ 48 | 23 m 58 | 26 <i>≱</i> 57 | 21궁41 | 13≈53 |
| 33S | 11 <u>⊕</u> 22 | 22 m 08 | 25 🗷 40 | 20중23 | 12≈16 | 12 <u>0</u> 38 | 23 m 18 | 26 × 37 | 21궁15 | 13≈10 | 13 <u>a</u> 53 | 24 m 27 | 27 🗷 33 | 22号06 | 14≈05 |
| 348 | 11 2 27 | 22 m 37 | 26 🗷 17 | 20궁50 | 12≈28 | 12 <u>0</u> 43 | 23 m. 47 | 27 🗷 13 | 21341 | 13≈22 | 13 ₾ 58 | 24 m 57 | 28 🗷 09 | 22332 | 14≈17 |
| 35S 36S | 11 ≘ 31 11 ≘ 36 | 23 m. 08 23 m. 40 | 26 ₹ 55 27 ₹ 33 | 21중16 21중44 | 12≈40 12≈53 | 12 <u>0</u> 48 | 24 m. 18 24 m. 51 | 27 ₹ 51 28 ₹ 29 | 22중07 22중35 | 13≈34 13≈47 | 14 <u>0</u> 04 | 25 m.28 26 m.01 | 28 ₹ 46 29 ₹ 24 | 22중58 23중25 | 14≈28 14≈41 |
| 37S | 11 ≗ 30 | 24 m 13 | 27 x · 33 28 x · 13 | 21·8·44 22·중·12 | 12≈33 | 12±33 | 25 m 24 | 28 x 29 29 z 08 | 22 6 33 23 중 02 | 13≈47 | 14±09 14±15 | 26 m 35 | 0중03 | 23·823 23·852 | 14×41 14×53 |
| 38S | 11 △ 46 | 24 m 48 | 28 🗷 53 | 22340 | 13≈19 | 13 ₾ 04 | 25 m 59 | 29 ₹ 48 | 23중30 | 14≈12 | 14≘21 | 27 m 10 | 0중43 | 24중20 | 15≈05 |
| 39S | 11 ≏ 51 | 25 m 24 | 29 ≉ 35 | 23중09 | 13≈32 | 13 ₾ 09 | 26m35 | 0중30 | 23궁59 | 14≈25 | 14≏28 | 27 m 46 | 1중25 | 24궁49 | 15≈18 |
| 40S | 11≏56 | 26m.01 | 0중18 | 23궁39 | 13≈45 | 13 ≏ 15 | 27 m 13 | 1중13 | 24궁28 | 14≈38 | 14 ≏ 34 | 28 m. 24 | 2号07 | 25중18 | 15≈31 |
| 41S | 12 ⊆ 02 | 26m41 | 1る02 | 24궁09 | 13≈59 | 13 <u>⊶</u> 22 | 27 m 53 | 1궁56 | 24궁58 | 14≈52 | 14 ≏ 41 | 29 m 04 | 2중51 | 25중47 | 15≈45 |
| 42S | 12 ⊆ 08 | 27 m 22 | 1중48 | 24중40 | 14≈13 | 13 ₾ 28 | 28 m 34 | 2842 | 25궁29 | 15≈06 | 14 2 48 | 29 m 46 | 3중35 | 26중18 | 15≈58 |
| 438 | 12 ≗ 14 12 ≗ 21 | 28 m 05 | 2 3 35 | 25중11 | 14≈28 14≈42 | 13 <u>0</u> 35 | 29 m.18 0 ≈ 03 | 3 군 28 | 26중32 | 15≈20 15≈35 | 14 <u>2</u> 56 | 0 x 29 | 4 る 22 | 26궁49 27궁20 | 16≈12 16≈27 |
| 448 | | 28 m. 51 | 3 공 23 | 25344 | 14≈42 | 13 <u>a</u> 42 | | 4 3 16 | 26 공 32 | 15≈35 | 15 🖴 04 | 1 \$7 15 | 5 궁 09 | | |
| 45S 46S | 12 ≏ 28 12 ≏ 35 | 29 m. 38 0 ≈ 29 | 4 さ 13 5 さ 05 | 26궁17 26궁51 | 14≈58 15≈13 | 13 <u>0</u> 50 13 <u>0</u> 58 | 0 ₹ 51 1 ₹ 42 | 5정06 5정57 | 27る05 27る39 | 15≈49 16≈05 | 15 ♀ 12 15 ♀ 21 | 2 ₹ 03 2 ₹ 54 | 5 궁 58 6 궁 49 | 27궁53 28궁26 | 16≈41 16≈56 |
| 47S | 12 ⊆ 33 | 1 × 21 | 5 3 58 | 20831 27 중 26 | 15≈13 | 14 <u>0</u> 07 | 2×35 | 6중50 | 28중13 | 16≈03 | 15 <u>≈</u> 21 | 3 × 47 | 7 공 42 | 29중00 | 17≈12 |
| 48S | 12≗51 | 2×17 | 6궁54 | 28중02 | 15≈46 | 14 ₾ 16 | 3 ₹ 31 | 7중45 | 28349 | 16≈37 | 15 € 40 | 4 🗷 43 | 8중36 | 29궁36 | 17≈28 |
| 49S | 13 ≏ 00 | 3 ₹ 17 | 7중51 | 28중39 | 16≈03 | 14≗25 | 4 ₹ 30 | 8중42 | 29중25 | 16≈53 | 15≗51 | 5 ₹ 42 | 9중32 | 0≈12 | 17≈44 |
| 50S | 13 ≏ 09 | 4 ₹ 19 | 8중50 | 29중17 | 16≈20 | 14≗36 | 5 ₹ 32 | 9 3 40 | 0≈03 | 17≈11 | 16≗02 | 6 ₹ 44 | 10중30 | 0≈49 | 18≈01 |
| 51S | 13 ₾ 19 | 5 ₹ 26 | 9중52 | 29궁56 | 16≈38 | 14 △ 47 | 6×39 | 10중41 | 0≈41 | 17≈28 | 16 □ 14 | 7×51 | 11중30 | 1≈27 | 18≈18 |
| 52S | 13 <u>2</u> 29 | 6×37 | 10공55 | 0≈36 | 16≈57 | 14 <u>0</u> 58 | 7 🗷 49 | 11344 | 1≈21 | 17≈46 | 16 <u>2</u> 27 | 9,701 | 12332 | 2≈06 | 18≈36 |
| 53S 54S | 13 <u>₽</u> 41 13 <u>₽</u> 53 | 7 ₹ 52 9 ₹ 12 | 12중02 13중11 | 1≈18 2≈01 | 17≈16 17≈36 | 15 <u>⊕</u> 11 | 9 ₹ 04 10 ₹ 24 | 12중50 13중57 | 2≈02 2≈45 | 18≈05 18≈25 | 16 <u>0</u> 40 | 10 x 16 11 x 35 | 13중37 14중44 | 2≈47 3≈28 | 18≈55 19≈14 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 14 ♀ 06 14 ♀ 21 | 10 ₹ 38 12 ₹ 10 | 14궁22 15궁36 | 2≈45 3≈31 | 17≈56 18≈18 | 15 ⊕ 39 | 11 \$\times 50 13 \$\times 21 | 15중08 16중21 | 3≈28 4≈13 | 18≈45 19≈06 | 17 ≗ 11 17 ≗ 29 | 13 × 00 14 × 31 | 15 る 54 17 る 06 | 4≈11 4≈56 | 19≈34 19≈55 |
| 57S | 14≗21 | 13 × 49 | 15 8 54 | 4≈18 | 18≈40 | 15 ≅ 33 | 14 \$7 59 | 17 공 38 | 5≈00 | 19≈00 | 17 ≗ 29 | 16 \$7 07 | 17800 18 중 21 | 5≈42 | 20≈16 |
| 58S | 14 2 54 | 15 ₹ 35 | 18궁14 | 5≈07 | 19≈03 | 16≏31 | 16×44 | 18궁57 | 5≈48 | 19≈50 | 18≏08 | 17 ₹ 51 | 19중39 | 6≈29 | 20≈38 |
| 59S | 15 ≏ 12 | 17 ₹ 29 | 19중38 | 5≈58 | 19≈27 | 16≗52 | 18 ₹ 36 | 20궁19 | 6≈38 | 20≈14 | 18≏31 | 19 ₹ 42 | 21중01 | 7≈19 | 21≈01 |
| 60S | 15 ≏ 33 | 19∡31 | 21궁05 | 6≈50 | 19≈52 | 17 ≏ 15 | 20 ₮ 37 | 21궁45 | 7≈30 | 20≈38 | 18≏56 | 21 🗷 41 | 22중25 | 8≈10 | 21≈25 |
| 61S | 15 ≏ 56 | 21 🗷 43 | 22궁36 | 7≈45 | 20≈18 | 17≏40 | 22 ₹ 47 | 23궁15 | 8≈24 | 21≈04 | 19≏24 | 23 ∡ 49 | 23궁53 | 9≈03 | 21≈50 |
| 62S | 16 2 22 | 24 🗷 05 | 24311 | 8 ≈ 42 | 20≈45 | 18 🖴 09 | 25 🗷 06 | 24348 | 9≈20 | 21≈31 | 19 ₾ 55 | 26 🗷 06 | 25825 | 9≈58 | 22≈17 |
| 63S 64S | 16 ♀ 52 17 ♀ 25 | 26 x 38 29 x 23 | 25 공 49 27 공 32 | 9≈41 10≈42 | 21≈14 21≈43 | 18 ≏ 41 19 ≏ 18 | 27才37 0중18 | 26 궁 25 28 궁 06 | 10≈18 11≈18 | 21≈59 22≈28 | 20 <u>0</u> 30 | 28 x 34 1 る12 | 27る00 28る39 | 10≈55 11≈55 | 22≈44 23≈13 |
| | | | | | | l . | | | | | | | | | |
| 65S 66S | 18 ≏ 03 18 ≏ 48 | 2중20 5중30 | 29 궁 18 1≈09 | 11≈46 12≈52 | 22≈15 22≈48 | 20 <u>a</u> 00 | 3 중 11 6 중 17 | 29궁50 1≈40 | 12≈21 13≈27 | 22≈59 23≈31 | 21 ♀ 55 22 ♀ 48 | 4 3 02 7 3 03 | 0≈22 2≈10 | 12≈57 14≈01 | 23≈43 24≈15 |
| pc | 18 2 48 | 7중22 | 2≈14 | 12≈32 13≈31 | 22≈48 23≈07 | 20 ± 48 21 ± 19 | 8중07 | 2≈43 | 13≈27 14≈05 | 23≈51 23≈50 | 23 <u>2</u> 21 | 8중50 | 3≈12 | 14≈01 14≈38 | 24≈13 24≈33 |
| r* | | . 022 | | | | | 2007 | | | 23~30 | | 3000 | | 1 - 115150 | |

| | Sid.Tir MC: | | 48m A 29'56 | RMC: 1 | 62°00' | Sid.Tir MC: | | 52m A 34'14 | RMC: 1 | .63°00' | Sid.Tir MC: | | 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 | 11궁57 | 10≈32 | 15 ≏ 12 | 16m27 | 15 ₹ 15 | 12중53 | 11≈32 |
| 1S | 13 △ 05 | 14m42 | 13 ₹ 47 | 11중22 | 9≈43 | 14 🕰 10 | 15 m.43 | 14 ∡ 43 | 12중17 | 10≈42 | 15 ≏ 15 | 16m43 | 15 ₹ 38 | 13중13 | 11≈41 |
| 2S | 13 ≏ 08 | 14m.58 | 14∡10 | 11중42 | 9≈52 | 14 ≏ 13 | 15 m 59 | 15 ₹ 06 | 12중38 | 10≈51 | 15 ≏ 19 | 16m.59 | 16∡02 | 13る33 | 11≈50 |
| 3S | 13 ₾ 11 | 15 m 13 | 14 7 33 | 12중03 | 10≈02 | 14 ₾ 17 | 16m.14 | 15 ~ 29 | 12중58 | 11≈01 | 15 ₾ 22 | 17m.15 | 16 🗷 25 | 13중53 | 12≈00 |
| 4S | 13 ≏ 14 | 15 m. 29 | 14 ₹ 57 | 12중23 | 10≈11 | 14 ₾ 20 | 16m.30 | 15 ₹ 53 | 13중18 | 11≈10 | 15 ₾ 25 | 17m.31 | 16∡49 | 14궁13 | 12≈09 |
| 5S | 13 ₾ 17 | 15 m 45 | 15 ₹ 20 | 12중43 | 10≈20 | 14 ₾ 23 | 16m.46 | 16 × 16 | 13중38 | 11≈19 | 15 ₾ 29 | 17 m.48 | 17 <i>≱</i> 13 | 14중33 | 12≈18 |
| 6S | 13 ₾ 20 | 16m.01 | 15 🗷 44 | 13중03 | 10≈30 | 14 ₾ 26 | 17m.03 | 16 🗷 40 | 13궁58 | 11≈28 | 15 ₾ 33 | 18 m. 04 | 17 🗷 36 | 14궁53 | 12≈27 |
| 7S 8S | 13 ♀ 23 | 16m.17 16m.34 | 16∡08 16∡32 | 13중24 13중44 | 10≈39 10≈49 | 14 <u>0</u> 30 | 17 m 19 17 m 36 | 17∡04 17∡28 | 14궁19 14궁39 | 11≈38 11≈47 | 15 ♀ 36 15 ♀ 40 | 18 m. 21 18 m. 38 | 18 ∡ 00 18 ∡ 25 | 15중14 15중34 | 12≈36 12≈45 |
| 9S | 13 € 20 | 16m.50 | 16×32 | 14중04 | 10≈58 | 14 <u>2</u> 37 | 17 m 53 | 17 × 28 | 14공59 | 11≈56 | 15 = 40 | 18 m 55 | 18 🗷 49 | 15 35 4 | 12≈54 |
| 108 | 13 <u> </u> | 17m.07 | 17 <i>z</i> r21 | 14중25 | 11≈07 | 14 △ 40 | 18 m. 10 | 18 ~ 17 | 15중19 | 12≈05 | 15 ≙ 47 | 19 m. 13 | 19 <i>z</i> 14 | 16중14 | 13≈04 |
| 11S | 13 ≥ 36 | 17 m 25 | 17×21 | 14 공 45 | 11≈07 | 14 <u>0</u> 44 | 18 m. 28 | 18 × 42 | 15 당 40 | 12≈05 | 15 <u>2</u> 47 | 19 m. 30 | 19 🗷 38 | 16중34 | 13≈13 |
| 12S | 13 ₾ 39 | 17m.42 | 18 ₹ 11 | 15중06 | 11≈26 | 14 △ 47 | 18m.45 | 19 ₹ 07 | 16중00 | 12≈24 | 15 - 255 | 19 m. 48 | 20 ₹ 04 | 16ਰ55 | 13≈22 |
| 13S | 13 △ 43 | 18m.00 | 18∡36 | 15중26 | 11≈36 | 14≗51 | 19m.03 | 19 ₹ 32 | 16중21 | 12≈33 | 15 ≏ 59 | 20 m 07 | 20 ₹ 29 | 17る15 | 13≈31 |
| 14S | 13 ≏ 46 | 18m.18 | 19∡01 | 15ਰ47 | 11≈45 | 14 ≏ 55 | 19m.22 | 19∡758 | 16ਰ41 | 12≈43 | 16≗03 | 20 m 25 | 20 ∡ 54 | 17중36 | 13≈40 |
| 15S | 13 <u>⊶</u> 50 | 18m37 | 19∡27 | 16중08 | 11≈55 | 14≗58 | 19m.41 | 20 ∡ 24 | 17중02 | 12≈52 | 16≏07 | 20 m 44 | 21 ∡ 20 | 17궁56 | 13≈50 |
| 16S | 13 ₾ 53 | 18m.55 | 19∡53 | 16중29 | 12≈04 | 15 △ 02 | 20 m 00 | 20 ∡ 50 | 17중23 | 13≈01 | 16≏11 | 21 m 03 | 21 ∡ 46 | 18중17 | 13≈59 |
| 17S | 13 ₾ 57 | 19m.15 | 20 🗷 20 | 16궁50 | 12≈14 | 15 2 06 | 20m.19 | 21 🗷 16 | 17344 | 13≈11 | 16 ₾ 15 | 21 m.23 | 22 🗷 13 | 18중38 | 14≈08 |
| 188 | 14 <u>0</u> 01 | 19m.34 | 20 🗷 47 | 17궁11 | 12≈23 12≈33 | 15 △ 10 | 20m 39 | 21 × 43 | 18국05 | 13≈20 | 16 <u>0</u> 19 | 21 m.43 | 22 🗷 40 | 18 궁 59 19 궁 20 | 14≈17 |
| 198 | 14204 | 19 m. 54 | 21 🗷 14 | 17중33 | | 15 △ 14 | 20 m 59 | 22 🗷 11 | 18326 | 13≈30 | 16 24 | 22 m 04 | 23 🗷 07 | | 14≈27 |
| 20S 21S | 14 <u>0</u> 08 | 20m.15 20m.36 | 21 ∡ 42 22 ∡ 10 | 17궁54 18궁16 | 12≈43 12≈53 | 15 ≏ 18 | 21 m.20 21 m.41 | 22 ₹ 38 23 ₹ 06 | 18 る 48 19 る 09 | 13≈40 13≈49 | 16 2 8 16 2 33 | 22 m 25 22 m 46 | 23 ₹ 34 24 ₹ 02 | 19 궁 41 20 궁 03 | 14≈36 14≈46 |
| 22S | 14 <u>≈</u> 12 | 20 m 57 | 22×10 | 18중38 | 13≈03 | 15 ≗ 27 | 22 m 03 | 23 × 35 | 19중31 | 13≈59 | 16≗37 | 23 m 08 | 24 🗷 31 | 20중24 | 14≈56 |
| 23S | 14≗20 | 21 m 19 | 23 ₹ 07 | 19중00 | 13≈13 | 15 △ 31 | 22 m 25 | 24 ₹ 03 | 19ਰ53 | 14≈09 | 16 2 42 | 23 m 30 | 25 ₹ 00 | 20궁46 | 15≈05 |
| 24S | 14≏24 | 21 m 42 | 23 ∡ 36 | 19중22 | 13≈23 | 15 ≏ 36 | 22 m 48 | 24 ∡ 33 | 20중15 | 14≈19 | 16≏47 | 23 m 53 | 25 ₹ 29 | 21궁08 | 15≈15 |
| 25S | 14≏29 | 22 m 05 | 24 ∡ 06 | 19ਰ45 | 13≈33 | 15 ≙ 40 | 23 m 11 | 25 ₹ 03 | 20중38 | 14≈29 | 16≏52 | 24 m 17 | 25 ₹ 59 | 21중31 | 15≈25 |
| 26S | 14≗33 | 22 m 28 | 24 ∡ 37 | 20중08 | 13≈43 | 15 ≙ 45 | 23 m 35 | 25 ₹ 33 | 21중01 | 14≈39 | 16≏57 | 24 m 41 | 26 ₹ 29 | 21궁53 | 15≈35 |
| 27S | 14 ₾ 38 | 22 m 53 | 25 ₹ 08 | 20중31 | 13≈54 | 15 ₾ 50 | 24 m 00 | 26 ₹ 04 | 21중24 | 14≈49 | 17 ₾ 02 | 25 m 06 | 27 ₹ 00 | 22중16 | 15≈45 |
| 28S 29S | 14 <u>9</u> 42 | 23 m. 18 23 m. 44 | 25 ₹ 40 26 ₹ 12 | 20궁55 21궁19 | 14≈04 14≈15 | 15⊕55 16⊕00 | 24 m 25 24 m 51 | 26 ₹36 27 ₹08 | 21중47 22중11 | 15≈00 15≈10 | 17 ♀ 08 17 ♀ 13 | 25 m 32 25 m 58 | 27 ₹ 32 28 ₹ 04 | 22 궁 39 23 궁 03 | 15≈55 16≈06 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 14 ♀ 52 14 ♀ 57 | 24 m 10 24 m 38 | 26 ∡ 45 27 ∡ 19 | 21중43 22중07 | 14≈26 14≈37 | 16 亞 06 | 25 m 18 25 m 46 | 27 ₹ 41 28 ₹ 14 | 22 궁 35 22 궁 59 | 15≈21 15≈32 | 17 ♀ 19 | 26 m 25 26 m 53 | 28 ∡ 36 29 ∡ 10 | 23중26 23중50 | 16≈16 16≈27 |
| 32S | 15 ≘ 03 | 25 m. 06 | 27×13 | 22 당 32 | 14≈48 | 16≗17 | 26 m 14 | 28 🗷 49 | 23324 | 15≈43 | 17 ≘ 23 | 27 m 22 | 29×144 | 23 3 30 24 궁 15 | 16≈38 |
| 33S | 15≏08 | 25 m 36 | 28 ₹ 28 | 22궁57 | 14≈59 | 16≏23 | 26m44 | 29 द 24 | 23궁49 | 15≈54 | 17≏38 | 27 m 52 | 0중19 | 24중40 | 16≈49 |
| 34S | 15 ≏ 14 | 26 m 06 | 29 ₹ 05 | 23중23 | 15≈11 | 16≏29 | 27 m 15 | 0800 | 24궁14 | 16≈05 | 17 ≏ 44 | 28 m 23 | 0중55 | 25중05 | 17≈00 |
| 35S | 15 | 26m38 | 29 ≉41 | 23중49 | 15≈23 | 16 ≏ 35 | 27m46 | 0중36 | 24중40 | 16≈17 | 17 ≏ 51 | 28 m 55 | 1ਰ31 | 25ਰ31 | 17≈11 |
| 36S | 15 ≏ 26 | 27 m 10 | 0중19 | 24궁16 | 15≈34 | 16 4 2 | 28 m 19 | 1314 | 25궁06 | 16≈28 | 17 ≏ 58 | 29 m 28 | 2309 | 25궁57 | 17≈23 |
| 37S | 15 ♀ 32 | 27 m. 44 | 0중58 | 24343 | 15≈47 | 16 △ 49 | 28 m 53 | 1중53 | 25 궁 33 26 궁 00 | 16≈40 | 18 <u>0</u> 05 | 0 🗷 02 | 2 3 47 | 26 궁 23 | 17≈34 |
| 38S 39S | 15 ≘ 39 15 ≘ 46 | 28 m. 20 28 m. 56 | 1538 2 조 19 | 25 궁 10 25 궁 39 | 15≈39 | 16 ♀ 56 17 ♀ 03 | 29 m.29 0 ≈ 06 | 2032 3 조 13 | 26 5 28 | 16≈53 17≈05 | 18 ♀ 13 | 0 ₹ 38 1 ₹ 15 | 3 궁 26 4 궁 07 | 26 궁 50 27 궁 18 | 17≈46 |
| 40S | 15 - 40 | 29 m 35 | | 26중07 | | 17 = 03 | 0 ₹ 44 | 3 전 15 | | | 18 29 | | | | |
| 40S 41S | 15 2 255 | 0 × 15 | 3 중 01 3 중 44 | 26중37 | 16≈24 16≈38 | 17≗11 | 1 × 25 | 4 군 38 | 26궁57 27궁26 | 17≈18 17≈31 | 18 <u>2</u> 38 | 1 ₹ 53 2 ₹ 34 | 4정48 5정31 | 27 궁 46 28 궁 15 | 18≈11 18≈24 |
| 42S | 16208 | 0 ₹ 57 | 4중29 | 27중07 | 16≈51 | 17 | 2×107 | 5중22 | 27ਰ55 | 17≈44 | 18 2 47 | 3×16 | 6ਰ14 | 28344 | 18≈37 |
| 43S | 16≏16 | 1 ∡ 40 | 5중15 | 27중37 | 17≈05 | 17 ≏ 36 | 2 ₹ 50 | 6중07 | 28중26 | 17≈57 | 18≏56 | 4 ₹ 00 | 7중00 | 29중14 | 18≈50 |
| 44S | 16≏25 | 2 ₹ 26 | 6중02 | 28궁09 | 17≈19 | 17 ≙ 46 | 3 ₹ 36 | 6궁54 | 28궁57 | 18≈11 | 19ჲ06 | 4 ₹ 46 | 7중46 | 29궁45 | 19≈03 |
| 45S | 16 2 34 | 3 🗷 14 | 6중51 | 28341 | 17≈33 | 17 ≏ 56 | 4 <i>₹</i> 24 | 7842 | 29중28 | 18≈25 | 19 ₾ 17 | 5×134 | 8중34 | 0≈16 | 19≈17 |
| 46S | 16 2 44 | 4×105 | 7 공 41 | 29중14 | 17≈48 | 18 ≏ 06 | 5×15 | 8 궁 32 | 0≈01 | 18≈40 | 19 <u>2</u> 28 | 6×124 | 9 궁2 3 | 0≈48 | 19≈32 |
| 47S 48S | 16 ♀ 54 17 ♀ 04 | 4 ₹ 58 5 ₹ 54 | 8 궁 33 9 궁 26 | 29♂47 0≈22 | 18≈03 18≈19 | 18 ≏ 17 18 ≏ 28 | 6 ₹ 08 7 ₹ 04 | 9 궁 24 10 궁 17 | 0≈34 1≈09 | 18≈55 19≈10 | 19 ♀ 39 | 7 ₹ 18 8 ₹ 13 | 10중14 11중07 | 1≈21 1≈55 | 19≈46 20≈01 |
| 49S | 17 ≗ 04 17 ≗ 16 | 6×53 | 10 る 22 | 0≈22 0≈58 | 18≈35 | 18 ≗ 28 | 8 \$7 03 | 11중11 | 1≈09 | 19≈10 | 20 <u>a</u> 05 | 9 x 12 | 11307 12 3 01 | 2≈30 | 20≈01 |
| 50S | 17≏28 | 7×155 | 11중19 | 1≈34 | 18≈52 | 18≏54 | 9×105 | 12중08 | 2≈20 | 19≈42 | 20 ₾ 19 | 10 🗷 14 | 12중57 | 3≈05 | 20≈33 |
| 51S | 17 ≗ 28 | 9 \$7 01 | 12319 | 2≈12 | 19≈09 | 19 208 | 10×11 | 12008 13 る 07 | 2≈57 | 19≈59 | 20 ₾ 34 | 11 🗷 20 | 12 3 57 | 3≈42 | 20≈49 |
| 52S | 17 ≏ 55 | 10 ₹ 12 | 13중20 | 2≈51 | 19≈26 | 19 ≏ 22 | 11 ₹ 21 | 14궁08 | 3≈35 | 20≈16 | 20≗50 | 12 ₹ 29 | 14궁55 | 4≈20 | 21≈06 |
| 53S | 18 - 10 | 11 🗷 26 | 14324 | 3≈31 | 19≈45 | 19 △ 38 | 12 🗷 35 | 15중11 | 4≈15 | 20≈34 | 21 2 07 | 13 🗷 43 | 15중57 | 4≈59 | 21≈24 |
| 54S | 18 ≏ 26 | 12 ₹ 45 | 15중30 | 4≈12 | 20≈03 | 19≗56 | 13 ₹ 53 | 16중16 | 4≈55 | 20≈53 | 21 ≏ 25 | 15 ₹ 01 | 17쥥02 | 5≈39 | 21≈42 |
| 55S | | 14 ₹ 09 | 16중39 | 4≈54 | 20≈23 | 20 ₾ 14 | 15 🗷 17 | 17324 | 5≈37 | 21≈12 | 21 - 45 | 16×24 | 18궁09 | 6≈20 | 22≈01 |
| 100 | 18 ≏ 43 | | 1777 | 5≈38 | 20≈43 | 20 <u>a</u> 34 20 <u>a</u> 56 | 16 ₹ 46 18 ₹ 21 | 18 궁 34 19 궁 47 | 6≈21 7≈05 | 21≈32 21≈52 | 22 <u>0</u> 06 22 <u>0</u> 30 | 17 ₹ 52 19 ₹ 26 | 19중18 20중30 | 7≈03 7≈47 | 22≈20 22≈40 |
| 56S | 19≏02 | 15 ₹ 39 | 17 る 50 | | 21 ~~ 0.4 | - /·U == 10 | 10 X. 71 | 1 | 7≈03 7≈52 | 21≈52 22≈14 | 22 <u>2</u> 55 | | | /≈4/ | l . |
| 57S | 19 2 02 19 2 22 | 15 ₹ 39 17 ₹ 15 | 19る04 | 6≈24 | 21≈04 21≈26 | | 20 × 02 | 21803 | / ~~ 1/. | 1 22 2 14 | | Z X · ()() | 417041 | 8≈33 | ∠3≋UI |
| | 19≏02 | 15 ₹ 39 | | | 21≈04 21≈26 21≈48 | 21 <u>\$\pi\$ 20</u> 21 <u>\$\pi\$ 46</u> | 20 ₹ 02 21 ₹ 50 | 21중03 22중22 | 7≈32 8≈40 | 22≈14 22≈36 | 23 ≘ 23 | 21 ₹ 06 22 ₹ 53 | 21 중 45 23 중 03 | 8≈33 9≈20 | 23≈01 23≈23 |
| 57S 58S | 19♀02 19♀22 19♀44 | 15 ₹ 39 17 ₹ 15 18 ₹ 57 | 19중04 20중21 | 6≈24 7≈11 | 21≈26 | 21 ≏ 20 | | | | | | | 23중03 | | 23≈23 |
| 57S 58S 59S | 19 ⊕ 02 19 ⊕ 22 19 ⊕ 44 20 ⊕ 09 | 15 ₹ 39 17 ₹ 15 18 ₹ 57 20 ₹ 47 | 19304 20321 21342 23305 24332 | 6≈24 7≈11 7≈59 | 21≈26 21≈48 | 21 <u>\$\times\$20\$</u> 21 <u>\$\times\$46\$</u> | 21 ₹ 50 | 22중22 | 8≈40 | 22≈36 | 23 ≏ 23 | 22 ₹ 53 | 23303 24324 25348 | 9≈20 | 23≈23 23≈46 24≈09 |
| 57S 58S 59S 60S 61S 62S | 19 \omega 02 19 \omega 22 19 \omega 44 20 \omega 09 20 \omega 36 21 \omega 06 21 \omega 39 | 15 ₹ 39 17 ₹ 15 18 ₹ 57 20 ₹ 47 22 ₹ 44 24 ₹ 50 27 ₹ 05 | 19중04 20중21 21중42 23중05 24중32 26중02 | $6 \approx 24$ $7 \approx 11$ $7 \approx 59$ $8 \approx 50$ $9 \approx 42$ $10 \approx 36$ | 21≈26 21≈48 22≈12 22≈37 23≈02 | 21 \overline{2}20 21 \overline{4}6 22 \overline{1}5 22 \overline{4}7 23 \overline{2}23 | 21 ₹ 50 23 ₹ 46 25 ₹ 50 28 ₹ 03 | 22324 23344 25310 26338 | 8≈40 9≈29 10≈21 11≈14 | 22≈36 22≈59 23≈23 23≈48 | 23 \(\overline{2} \) 23 \(\overline{2} \) 54 \(24 \overline{2} \) 25 \(\overline{2} \) 06 | 22 ₹ 53 24 ₹ 47 26 ₹ 49 29 ₹ 00 | 23303 24324 25348 27315 | 9≈20 10≈09 10≈59 11≈52 | 23≈23 23≈46 24≈09 24≈34 |
| 57S 58S 59S 60S 61S 62S 63S | 19 \overline{0}2 19 \overline{0}2 19 \overline{0}44 20 \overline{0}9 20 \overline{0}36 21 \overline{0}6 21 \overline{0}39 22 \overline{0}17 | 15 ≈ 39 17 ≈ 15 18 ≈ 57 20 ≈ 47 22 ≈ 44 24 ≈ 50 27 ≈ 05 29 ≈ 30 | 19중04 20중21 21중42 23중05 24중32 26중02 27중35 | $6 \approx 24$ $7 \approx 11$ $7 \approx 59$ $8 \approx 50$ $9 \approx 42$ $10 \approx 36$ $11 \approx 32$ | 21≈26 21≈48 22≈12 22≈37 23≈02 23≈29 | 21 \overline{2}20 21 \overline{4}6 22 \overline{1}5 22 \overline{4}7 23 \overline{2}3 24 \overline{0}04 | 21 ₹ 50 23 ₹ 46 25 ₹ 50 28 ₹ 03 0 ₹ 25 | 22324 23344 25310 26338 28311 | $8 \approx 40$ $9 \approx 29$ $10 \approx 21$ $11 \approx 14$ $12 \approx 10$ | 22≈36 22≈59 23≈23 23≈48 24≈15 | 23 \omega 23 23 \omega 54 24 \omega 28 25 \omega 06 25 \omega 49 | 22 ₹53 24 ₹47 26 ₹49 29 ₹00 1 ₹19 | 23303 24324 25348 27315 28346 | 9≈20 10≈09 10≈59 11≈52 12≈47 | 23≈23 23≈46 24≈09 24≈34 25≈00 |
| 57S 58S 59S 60S 61S 62S 63S 64S | 19 \(\omega \) 02 19 \(\omega \) 22 19 \(\omega \) 44 20 \(\omega \) 09 20 \(\omega \) 36 21 \(\omega \) 06 21 \(\omega \) 39 22 \(\omega \) 17 23 \(\omega \) 00 | 15 ≈ 39 17 ≈ 15 18 ≈ 57 20 ≈ 47 22 ≈ 44 24 ≈ 50 27 ≈ 05 29 ≈ 30 2305 | 19304 20321 21342 23305 24332 26302 27335 29313 | 6≈24 7≈11 7≈59 8≈50 9≈42 10≈36 11≈32 12≈31 | 21≈26 21≈48 22≈12 22≈37 23≈02 23≈29 23≈58 | 21 \overline{9}20 21 \overline{9}46 22 \overline{9}15 22 \overline{9}47 23 \overline{9}23 24 \overline{9}04 24 \overline{9}49 | 21 × 50 23 × 46 25 × 50 28 × 03 0 で 25 2 で 57 | 22324 23344 25310 26338 28311 29347 | $8 \approx 40$ $9 \approx 29$ $10 \approx 21$ $11 \approx 14$ $12 \approx 10$ $13 \approx 07$ | 22≈36 22≈59 23≈23 23≈48 24≈15 24≈42 | 23 \(\Omega \) 23 \(\Omega \) 54 \(24 \) \(\Omega \) 25 \(\Omega \) 06 \(25 \) \(\Omega \) 49 \(26 \) \(\Omega \) 37 | 22 × 53 24 × 47 26 × 49 29 × 00 1 で 19 3 で 48 | 23♂03 24♂24 25♂48 27♂15 28♂46 0≈20 | 9≈20 10≈09 10≈59 11≈52 12≈47 13≈43 | 23≈23 23≈46 24≈09 24≈34 25≈00 25≈27 |
| 57S 58S 59S 60S 61S 62S 63S 64S 65S | 19 \(\omega \) 02 19 \(\omega \) 22 19 \(\omega \) 44 20 \(\omega \) 09 20 \(\omega \) 36 21 \(\omega \) 06 21 \(\omega \) 39 22 \(\omega \) 17 23 \(\omega \) 00 23 \(\omega \) 49 | 15 x 39 17 x 15 18 x 57 20 x 47 22 x 44 24 x 50 27 x 05 29 x 30 2 305 4 351 | 19♂04 20♂21 21♂42 23♂05 24♂32 26♂02 27♂35 29♂13 0≈54 | 6≈24 7≈11 7≈59 8≈50 9≈42 10≈36 11≈32 12≈31 13≈32 | 21 ≈ 26 21 ≈ 48 22 ≈ 12 22 ≈ 37 23 ≈ 02 23 ≈ 29 23 ≈ 58 24 ≈ 27 | 21 \(\Omega 20 \) 21 \(\Omega 46 \) 22 \(\Omega 15 \) 22 \(\Omega 47 \) 23 \(\Omega 23 \) 24 \(\Omega 04 \) 24 \(\Omega 49 \) 25 \(\Omega 41 \) | 21 ₹ 50 23 ₹ 46 25 ₹ 50 28 ₹ 03 0 ₹ 25 2 ₹ 57 5 ₹ 40 | 22♂22 23♂44 25♂10 26♂38 28♂11 29♂47 1≈26 | $8 \approx 40$ $9 \approx 29$ $10 \approx 21$ $11 \approx 14$ $12 \approx 10$ $13 \approx 07$ $14 \approx 07$ | 22≈36 22≈59 23≈23 23≈48 24≈15 24≈42 25≈11 | 23 \(\Omega 23 \) 23 \(\Omega 54 \) 24 \(\Omega 28 \) 25 \(\Omega 06 \) 25 \(\Omega 49 \) 26 \(\Omega 37 \) 27 \(\Omega 33 \) | 22 ₹ 53 24 ₹ 47 26 ₹ 49 29 ₹ 00 1 ₹ 19 3 ₹ 48 6 ₹ 28 | 23♂03 24♂24 25♂48 27♂15 28♂46 0≈20 1≈58 | 9≈20 10≈09 10≈59 11≈52 12≈47 13≈43 14≈42 | 23 ≈ 23 23 ≈ 46 24 ≈ 09 24 ≈ 34 25 ≈ 00 25 ≈ 27 25 ≈ 56 |
| 57S 58S 59S 60S 61S 62S 63S 64S | 19 \(\omega \) 02 19 \(\omega \) 22 19 \(\omega \) 44 20 \(\omega \) 09 20 \(\omega \) 36 21 \(\omega \) 06 21 \(\omega \) 39 22 \(\omega \) 17 23 \(\omega \) 00 | 15 ≈ 39 17 ≈ 15 18 ≈ 57 20 ≈ 47 22 ≈ 44 24 ≈ 50 27 ≈ 05 29 ≈ 30 2305 | 19304 20321 21342 23305 24332 26302 27335 29313 | 6≈24 7≈11 7≈59 8≈50 9≈42 10≈36 11≈32 12≈31 | 21≈26 21≈48 22≈12 22≈37 23≈02 23≈29 23≈58 | 21 \overline{9}20 21 \overline{9}46 22 \overline{9}15 22 \overline{9}47 23 \overline{9}23 24 \overline{9}04 24 \overline{9}49 | 21 × 50 23 × 46 25 × 50 28 × 03 0 で 25 2 で 57 | 22324 23344 25310 26338 28311 29347 | $8 \approx 40$ $9 \approx 29$ $10 \approx 21$ $11 \approx 14$ $12 \approx 10$ $13 \approx 07$ | 22≈36 22≈59 23≈23 23≈48 24≈15 24≈42 | 23 \(\Omega \) 23 \(\Omega \) 54 \(24 \) \(\Omega \) 25 \(\Omega \) 06 \(25 \) \(\Omega \) 49 \(26 \) \(\Omega \) 37 | 22 × 53 24 × 47 26 × 49 29 × 00 1 で 19 3 で 48 | 23♂03 24♂24 25♂48 27♂15 28♂46 0≈20 | 9≈20 10≈09 10≈59 11≈52 12≈47 13≈43 | 23 ≈ 23 23 ≈ 46 24 ≈ 09 24 ≈ 34 25 ≈ 00 25 ≈ 27 |

| | Sid.Tir MC: | | 00m A 43'11 | RMC: 1 | 65°00' | Sid.Tir MC: | | 04m A 147'49 | RMC: 1 | 66°00' | Sid.Tir MC: | | 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 | 17m.27 | 16∡11 | 13중48 | 12≈32 | 17≏21 | 18m.27 | 17∡06 | 14중44 | 13≈32 | 18≏25 | 19 m 27 | 18 ≉ 02 | 15궁40 | 14≈32 |
| 1S | 16≏20 | 17m43 | 16 ₹ 34 | 14궁08 | 12≈41 | 17≏25 | 18m43 | 17 ∡ 30 | 15중04 | 13≈41 | 18≏29 | 19 m 43 | 18 ₹ 25 | 16궁00 | 14≈40 |
| 2S | 16≏24 | 17m59 | 16∡58 | 14궁28 | 12≈50 | 17 ≏ 29 | 19m.00 | 17 ₹ 53 | 15중24 | 13≈50 | 18 ₾ 33 | 19 m 59 | 18 ₹ 49 | 16궁20 | 14≈49 |
| 3S | 16 27 | 18m.16 | 17×21 | 14349 | 12≈59 | 17 ₾ 33 | 19m.16 | 18 🗷 17 | 15344 | 13≈58 | 18 ₾ 38 | 20 m 16 | 19 🗷 13 | 16궁40 | 14≈58 |
| 4S | 16₽31 | 18m.32 | 17 ₹ 45 | 15号09 | 13≈08 | 17≗37 | 19m.33 | 18 ₹41 | 16중04 | 14≈07 | 18≏42 | 20 m 33 | 19∡36 | 16중59 | 15≈07 |
| 5S | 16 235 | 18m.49 | 18 ₹ 09 | 15중29 | 13≈17 | 17≗41 | 19m49 | 19 \$\sigma 04 | 16중24 | 14≈16 | 18 - 46 | 20 m 50 | 20 \$\square 00 | 17궁19 | 15≈16 |
| 6S | 16 2 39 | 19m.05 | 18 🗷 32 | 15349 | 13≈26 | 17 ≏ 45 | 20m.06 | 19 🗷 28 | 16궁44 | 14≈25 | 18 2 50 | 21 m 07 | 20 🗷 24 | 17 공 39 | 15≈24 |
| 7S 8S | 16 ₽ 42 16 ₽ 46 | 19m.22 19m.40 | 18 ₹ 57 19 ₹ 21 | 16 궁 09 16 궁 29 | 13≈35 13≈44 | 17 ♀ 49 17 ♀ 53 | 20 m. 24 20 m. 41 | 19 ₹ 53 20 ₹ 17 | 17る04 17る24 | 14≈34 14≈43 | 18 ♀ 55 | 21 m 25 21 m 42 | 20 ∡ 48 21 ∡ 13 | 17 る 59 18 る 19 | 15≈33 15≈42 |
| 9S | 16≗50 | 19m.57 | 19 \$745 | 16329 | 13≈53 | 17 ⊆ 53 | 20 m 59 | 20×17 20×41 | 17 32 4 | 14≈52 | 19≗04 | 22 m 00 | 21 🗷 37 | 18중39 | 15≈50 |
| 10S | 16 ≏ 54 | 20 m 15 | 20 🗷 10 | 17중09 | 14≈02 | 18≏01 | 21 m.17 | 21 ₹ 06 | 18중04 | 15≈00 | 19ჲ08 | 22 m 18 | 22 ₹ 02 | 18궁59 | 15≈59 |
| 11S | 16 <u>2</u> 58 | 20 m 33 | 20×10 | 17 3 09 | 14≈11 | 18 206 | 21 m 35 | 21 🗷 31 | 18324 | 15≈09 | 19 2 13 | 22 m 37 | 22 × 27 | 19당19 | 16≈08 |
| 12S | 17 ⊆ 02 | 20m.51 | 21 🗷 00 | 17중49 | 14≈20 | 18 🕰 10 | 21 m 53 | 21 🗷 56 | 18중44 | 15≈18 | 19 🗅 17 | 22 m 55 | 22 ₹ 52 | 19ব39 | 16≈17 |
| 13S | 17≗07 | 21 m 09 | 21 ₹ 25 | 18중10 | 14≈29 | 18 🕰 14 | 22 m 12 | 22 ₹ 21 | 19궁04 | 15≈27 | 19ჲ22 | 23 m 14 | 23 द्र 17 | 19궁59 | 16≈25 |
| 14S | 17≗11 | 21 m 28 | 21 ∡ 51 | 18중30 | 14≈38 | 18 ≏ 19 | 22 m 31 | 22 ∡ 47 | 19ਰ24 | 15≈36 | 19≗27 | 23 m 34 | 23 ∡ 43 | 20궁19 | 16≈34 |
| 15S | 17 2 15 | 21 m 47 | 22 ∡ 17 | 18중51 | 14≈47 | 18 🖴 23 | 22 m 50 | 23 ∡ 13 | 19궁45 | 15≈45 | 19ჲ32 | 23 m 53 | 24 ∡ 09 | 20중39 | 16≈43 |
| 16S | 17 ≏ 20 | 22 m 07 | 22 ∡ 43 | 19중11 | 14≈56 | 18≏28 | 23 m 10 | 23 ∡ 39 | 20중05 | 15≈54 | 19ჲ36 | 24 m 13 | 24 ∡ 35 | 20궁59 | 16≈52 |
| 17S | 17 ₾ 24 | 22 m 27 | 23 🗷 09 | 19중32 | 15≈05 | 18 ₾ 33 | 23 m 30 | 24 🗷 05 | 20중26 | 16≈03 | 19 ₾ 41 | 24 m 33 | 25×201 | 21중20 | 17≈01 |
| 18S | 17 2 29 | 22 m 47 | 23 🗷 36 | 19궁53 | 15≈15 | 18 ₾ 38 | 23 m.51 | 24 🗷 32 | 20중46 | 16≈12 | 19 2 47 | 24 m 54 | 25 × 28 | 21중40 | 17≈09 |
| 198 | 17 △ 33 | 23 m 08 | 24 🗷 03 | 20중14 | 15≈24 | 18 △ 43 | 24 m. 12 | 24 🗷 59 | 21중07 | 16≈21 | 19 ₾ 52 | 25 m 15 | 25 🗷 55 | 22중01 | 17≈18 |
| 20S 21S | 17 ♀ 38 17 ♀ 43 | 23 m.29 23 m.51 | 24 × 31 24 × 59 | 20중35 20중56 | 15≈33 15≈43 | 18 <u>⊕</u> 48 18 <u>⊕</u> 53 | 24 m 33 24 m 55 | 25 ₹27 25 ₹55 | 21중28 21중50 | 16≈30 16≈40 | 19 ♀ 57 20 ♀ 03 | 25 m 37 25 m 59 | 26 ₹ 22 26 ₹ 50 | 22중22 22중43 | 17≈27 17≈37 |
| 21S 22S | 17 ≗ 43 | 24 m 13 | 24 x 39 25 x 27 | 20830 | 15≈43 15≈52 | 18±33 18±58 | 25 m 17 | 26 x 23 | 21 8 30 22 중 11 | 16≈49 | 20±03 20±08 | 26 m 21 | 20 x·30 27 ₹ 18 | 22·843 23·중04 | 17≈37 |
| 23S | 17 ⊆ 53 | 24m35 | 25 ₹ 56 | 21중39 | 16≈02 | 19 △ 03 | 25 m 40 | 26 × 52 | 22332 | 16≈58 | 20 ₾ 14 | 26 m 45 | 27 ₹ 47 | 23 궁 25 | 17≈55 |
| 24S | 17 ≏ 58 | 24 m 59 | 26 ₹ 25 | 22중01 | 16≈11 | 19ჲ09 | 26m04 | 27 ₹ 21 | 22궁54 | 17≈08 | 20 ₾ 20 | 27 m 08 | 28 ∡ 16 | 23중47 | 18≈04 |
| 25S | 18ჲ03 | 25 m 22 | 26 ₹ 55 | 22る23 | 16≈21 | 19 ≏ 15 | 26m28 | 27 ₹ 50 | 23중16 | 17≈17 | 20 🗠 26 | 27 m 32 | 28 ∡ 46 | 24궁09 | 18≈14 |
| 26S | 18ჲ09 | 25 m 47 | 27 ₹ 25 | 22중46 | 16≈31 | 19≏20 | 26 m 52 | 28 ₹ 21 | 23중38 | 17≈27 | 20 ₾ 32 | 27 m 57 | 29 ₮ 16 | 24중31 | 18≈23 |
| 27S | 18 ₾ 15 | 26m12 | 27 ₹ 56 | 23중08 | 16≈41 | 19 ₾ 26 | 27 m 17 | 28 🗷 51 | 24중01 | 17≈37 | 20 ₾ 38 | 28 m 23 | 29 ₹ 46 | 24궁53 | 18≈33 |
| 28S 29S | 18 <u>₽</u> 20 | 26m38 27m04 | 28 ₹27 28 ₹59 | 23중31 23중55 | 16≈51 17≈01 | 19 亞 33 | 27 m. 43 28 m. 10 | 29 ₹22 29 ₹54 | 24중24 24중47 | 17≈47 17≈57 | 20 <u>2</u> 45 | 28 m 49 29 m 16 | 0중18 0중49 | 25 궁 16 25 궁 38 | 18≈43 18≈52 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 18 ♀ 32 18 ♀ 39 | 27 m. 32 28 m. 00 | 29 🗷 32 0 る 05 | 24중18 24중42 | 17≈11 17≈22 | 19 ≗ 45 19 ≗ 52 | 28 m. 38 29 m. 06 | 0중27 1중00 | 25 궁 10 25 궁 34 | 18≈07 18≈17 | 20 <u>₽</u> 58 21 <u>₽</u> 05 | 29 m.43 0 ≈ 12 | 1중22 1중55 | 26중02 26중25 | 19≈02 19≈12 |
| 32S | 18 ≗ 35 | 28 m 29 | 0303 | 25중06 | 17≈22 | 19 ⊆ 52 | 29 m 35 | 1334 | 25 공 58 | 18≈28 | 21 <u>a</u> 13 | 0×12 | 2 3 28 | 26 3 49 | 19≈23 |
| 33S | 18 ≏ 52 | 28 m 59 | 1314 | 25중31 | 17≈43 | 20 🖴 06 | 0₺06 | 2렁08 | 26궁22 | 18≈38 | 21 ₾ 20 | 1 ₹ 12 | 3号03 | 27ਰ13 | 19≈33 |
| 34S | 18₽59 | 29 m 30 | 1349 | 25궁56 | 17≈54 | 20 ₾ 14 | 0∡37 | 2중44 | 26중47 | 18≈49 | 21 ≏ 28 | 1 ∡ 43 | 3중38 | 27중37 | 19≈44 |
| 35S | 19ჲ06 | 0 ₹ 02 | 2ਰ26 | 26중21 | 18≈05 | 20 ₾ 21 | 1 ₹ 09 | 3号20 | 27ਰ12 | 19≈00 | 21 △ 36 | 2 ₹ 16 | 4ਰ14 | 28중02 | 19≈54 |
| 36S | 19 △ 14 | 0 ₹ 35 | 3중03 | 26중47 | 18≈17 | 20 ₾ 29 | 1 ₹ 43 | 3중57 | 27중37 | 19≈11 | 21 <u>△</u> 44 | 2 ₹ 49 | 4궁50 | 28중28 | 20≈05 |
| 37S 38S | 19 2 21 | 1 7 10 | 3 공 41 | 27 る 13 27 る 40 | 18≈28 | 20 <u>∞</u> 37 20 <u>∞</u> 46 | 2 ₹ 17 2 ₹ 53 | 4 궁 35 | 28 궁 03 28 궁 30 | 19≈22 19≈34 | 21 \omega 53 22 \omega 02 | 3 🗷 24 | 5 궁 28 | 28 궁 53 29 궁 20 | 20≈16 20≈28 |
| 39S | 19 ♀ 30 19 ♀ 38 | 1 x 46 2 x 23 | 5 3 00 | 27 5 40 28 궁 07 | 18≈52 | 20 <u>2</u> 46 | 3 x 31 | 5 전 53 | 28 공 57 | 19≈34 | 22 <u>a</u> 02 | 4 ₹ 00 4 ₹ 37 | 6 3 06 6 3 46 | 29820 | 20≈28 |
| 40S | 19 ≙ 47 | 3 🗷 02 | 5정41 | 28중35 | 19≈04 | 21 <u>0</u> 04 | 4×109 | 6정34 | 29중24 | 19≈57 | 22 - 22 | 5 <i>z</i> 16 | 7중26 | 0≈13 | 20≈51 |
| 41S | 19 2 47 | 3 x 42 | 6 공 23 | 29중04 | 19≈04 | 21 <u>a</u> 04 | 4×109 | 7중16 | 29정52 | 20≈10 | 22 <u>~</u> 32 | 5 x 10 | 8국08 | 0≈13 0≈41 | 20≈31 21≈03 |
| 42S | 20 2 06 | 4 <i>₹</i> 24 | 7중07 | 29중33 | 19≈29 | 21 △ 24 | 5 ₹ 32 | 7중59 | 0≈21 | 20≈22 | 22 <u>₽</u> 43 | 6 ₹ 39 | 8ਰ51 | 1≈10 | 21≈15 |
| 43S | 20 ≏ 16 | 5 ₹ 08 | 7云52 | 0≈02 | 19≈42 | 21 ≏ 35 | 6 ₹ 16 | 8중43 | 0≈50 | 20≈35 | 22 ≏ 54 | 7 ₹ 23 | 9 궁 35 | 1≈39 | 21≈28 |
| 44S | 20 2 26 | 5 ₹ 54 | 8중38 | 0≈33 | 19≈56 | 21 ≏ 46 | 7 ₹ 02 | 9る29 | 1≈20 | 20≈48 | 23 ₾ 06 | 8 <i>≱</i> 109 | 10중20 | 2≈08 | 21≈41 |
| 45S | 20 ₾ 38 | 6×43 | 9중25 | 1≈04 | 20≈09 | 21 | 7 ₹ 50 | 10궁16 | 1≈51 | 21≈02 | 23 ₾ 18 | 8 z 57 | 11궁06 | 2≈38 | 21≈54 |
| 46S 47S | 20 <u>₽</u> 49 21 <u>₽</u> 02 | 7 ₹ 33 8 ₹ 26 | 10る14 11る04 | 1≈35 2≈08 | 20≈23 20≈38 | 22 <u>a</u> 11 | 8 ₹ 41 9 ₹ 34 | 11궁04 11궁54 | 2≈22 2≈55 | 21≈15 21≈29 | 23 <u>a</u> 31 | 9 ₹ 48 10 ₹ 41 | 11 る 54 12 る 43 | 3≈09 3≈41 | 22≈07 22≈21 |
| 47S 48S | 21 <u>a</u> 02 | 9 x 22 | 11 8 04 | 2≈08 2≈41 | 20≈38 20≈53 | 22 <u>1</u> 24 22 <u>1</u> 38 | 10 🗷 29 | 11634 | 3≈28 | 21≈29 21≈44 | 23 ± 43 24 ± 00 | 11 🗷 36 | 12 5 43 13 중 34 | 3≈41 | 22≈21 22≈35 |
| | 21 <u>a</u> 29 | 10 🗷 21 | 11050 12 8 50 | 3≈16 | 21≈08 | 22 <u>a</u> 52 | 11 🗷 28 | 13838 | 4≈01 | 21≈59 | 24 <u>2</u> 00 | 12 × 34 | 14 공 27 | 4≈47 | 22≈50 |
| 50S | 21 △ 44 | 11 🗷 22 | 13중45 | 3≈51 | 21≈24 | 23 ₾ 08 | 12 ₹ 30 | 14중33 | 4≈36 | 22≈14 | 24≗32 | 13 ₹ 36 | 15중21 | 5≈22 | 23≈05 |
| 51S | 21 □ 59 | 12 🗷 28 | 14843 | 4≈27 | 21≈40 | 23 € 25 | 13×35 | 15중30 | 5≈12 | 22≈30 | 24 <u>0</u> 50 | 14×40 | 16중17 | 5≈57 | 23≈20 |
| 52S | 22 ≏ 16 | 13 ₹ 37 | 15중42 | 5≈04 | 21≈56 | 23 <u>₽</u> 43 | 14 ₹ 43 | 16궁29 | 5≈49 | 22≈46 | 25 ₾ 08 | 15 ₹ 49 | 17중15 | 6≈33 | 23≈36 |
| 53S | 22 <u>0</u> 35 | 14 \$7 50 | 16344 | 5≈43 | 22≈14 | 24 🖴 02 | 15 × 56 | 17829 | 6≈27 | 23≈03 | 25 € 28 | 17 ₹ 01 | 18중15 | 7≈10 | 23≈53 |
| 54S | 22 △ 54 | 16 ₹ 07 | 17847 | 6≈22 | 22≈31 | 24 ₾ 22 | 17 🗷 13 | 18중32 | 7≈06 | 23≈21 | 25 ₾ 50 | 18 🗷 17 | 19궁17 | 7≈49 | 24≈10 |
| 55S | 23 <u>a</u> 15 | 17 🗷 29 | 18중53 | 7≈03 | 22≈50 | 24 <u>a</u> 45 | 18 🗷 34 | 19중37 | 7≈46 | 23≈39 | 26 ₾ 13 | 19 🗷 38 | 20중21 | 8≈29 | 24≈28 |
| 56S 57S | 23 <u>□</u> 38 24 <u>□</u> 02 | 18 ₹ 57 20 ₹ 30 | 20중02 21중13 | 7≈45 8≈29 | 23≈09 23≈29 | 25 <u>a</u> 09 25 <u>a</u> 35 | 20 ₹ 01 21 ₹ 32 | 20정45 21정55 | 8≈27 9≈10 | 23≈57 24≈17 | 26 <u>0</u> 39 27 <u>0</u> 06 | 21 ∡ 03 22 ∡ 34 | 21 궁 28 22 궁 37 | 9≈09 9≈52 | 24≈46 25≈05 |
| 58S | 27==02 | 20 x 30 22 x 09 | 21 8 13 22 8 27 | 9≈14 | 23≈29 23≈49 | 26 ≗ 03 | 21 x· 32 23 x 10 | 21 8 33 23 중 08 | 9≈10 | 24≈17 24≈37 | 27 <u>2</u> 36 | 24 × 11 | 22 8 37 23 중 49 | 10≈35 | 25≈05 25≈25 |
| | 24 ♀ 29 | | 23중43 | 10≈00 | 24≈10 | 26 △ 34 | 24 × 54 | 24중23 | 10≈40 | 24≈58 | 28 ₾ 09 | 25 ₹ 54 | 25중03 | 11≈20 | 25≈45 |
| 59S | 24 <u>₽</u> 29 24 <u>₽</u> 59 | 23 ₹ 54 | 23043 | | 1 | 27.000 | 26 ₹ 45 | 25중42 | 11≈28 | 25≈20 | 28 ₾ 45 | 27 ~ 43 | 26궁20 | 12≈07 | 26≈06 |
| | | 23 × 54 25 × 47 | 25중03 | 10≈48 | 24≈33 | 27 ⊆ 09 | | | | | | | | 12~0/ | |
| 59S | 24≗59 | | 25 궁 03 26 궁 25 | 10≈48 11≈38 | 24≈33 24≈56 | 27 <u>a</u> 09 | 28 ∡ 44 | 27중03 | 12≈17 | 25≈42 | 29 ₾ 24 | 29 ₹ 40 | 27ਰ41 | 12≈56 | 26≈29 |
| 59S 60S 61S 62S | 24 \overline{1}25 \overline{2}32 26 \overline{0}08 26 \overline{4}8 | 25 ₹ 47 27 ₹ 47 29 ₹ 55 | 25중03 26중25 27중51 | 11≈38 12≈30 | 24≈56 25≈20 | 27 <u>a</u> 47 28 <u>a</u> 29 | 28才44 0궁50 | 28중28 | 13≈08 | 26≈06 | 0 m 09 | 1중44 | 29궁04 | 12≈56 13≈46 | 26≈52 |
| 59S 60S 61S 62S 63S | 24 \overline{59} 25 \overline{32} 26 \overline{008} 26 \overline{48} 27 \overline{33} | 25 ₹ 47 27 ₹ 47 29 ₹ 55 2 ₹ 12 | 25중03 26중25 27중51 29중21 | 11≈38 12≈30 13≈24 | 24≈56 25≈20 25≈45 | 27 \(\omega 47 \) 28 \(\omega 29 \) 29 \(\omega 16 \) | 28 🗷 44 0 云 50 3 云 05 | 28궁28 29궁56 | 13≈08 14≈01 | 26≈06 26≈31 | 0m.09 0m.58 | 1정44 3정56 | 29⋜04 0≈30 | 12≈56 13≈46 14≈38 | 26≈52 27≈16 |
| 59S 60S 61S 62S 63S 64S | 24 \(\overline{9} \) 25 \(\overline{9} \) 26 \(\overline{9} \) 26 \(\overline{9} \) 26 \(\overline{9} \) 27 \(\overline{9} \) 28 \(\overline{2} \) 24 | 25 * 47 27 * 47 29 * 55 2 で 12 4 で 39 | 25 3 3 26 3 25 27 3 5 1 29 3 2 1 0 ≈ 5 4 | 11≈38 12≈30 13≈24 14≈20 | 24≈56 25≈20 25≈45 26≈12 | 27 \(\Omega 47 \) 28 \(\Omega 29 \) 29 \(\Omega 16 \) 0 \(\omega 10 \) | 28 🗷 44 0 云 50 3 云 05 5 云 28 | 28♂28 29♂56 1≈27 | 13≈08 14≈01 14≈56 | 26≈06 26≈31 26≈57 | 0m.09 0m.58 1m.54 | 1정44 3정56 6정17 | 29⋜04 0≈30 2≈00 | 12≈56 13≈46 14≈38 15≈32 | 26≈52 27≈16 27≈41 |
| 59S 60S 61S 62S 63S 64S 65S | 24 \overline{59} 25 \overline{932} 26 \overline{908} 26 \overline{948} 27 \overline{933} 28 \overline{924} 29 \overline{922} | 25 ×47 27×47 29×55 2उ12 4उ39 7ठ15 | 25 3 3 26 3 25 27 3 5 1 29 3 2 1 0 ≈ 5 4 2 ≈ 3 0 | 11≈38 12≈30 13≈24 14≈20 15≈18 | 24≈56 25≈20 25≈45 26≈12 26≈40 | 27 \(\omega\) 47 28 \(\omega\) 29 \(\omega\) 16 0 \(\omega\) 1 \(\omega\) 1 | 28 * 44 0 で 50 3 で 05 5 で 28 8 で 01 | 28♂28 29♂56 1≈27 3≈02 | 13≈08 14≈01 14≈56 15≈53 | 26≈06 26≈31 26≈57 27≈24 | 0m.09 0m.58 1m.54 2m.57 | 1정44 3정56 6정17 8정47 | 29⋜04 0≈30 2≈00 3≈34 | 12≈56 13≈46 14≈38 15≈32 16≈28 | 26≈52 27≈16 27≈41 28≈08 |
| 59S 60S 61S 62S 63S 64S | 24 \(\overline{9} \) 25 \(\overline{9} \) 26 \(\overline{9} \) 26 \(\overline{9} \) 26 \(\overline{9} \) 27 \(\overline{9} \) 28 \(\overline{2} \) 24 | 25 * 47 27 * 47 29 * 55 2 で 12 4 で 39 | 25 3 3 26 3 25 27 3 5 1 29 3 2 1 0 ≈ 5 4 | 11≈38 12≈30 13≈24 14≈20 | 24≈56 25≈20 25≈45 26≈12 | 27 \(\Omega 47 \) 28 \(\Omega 29 \) 29 \(\Omega 16 \) 0 \(\omega 10 \) | 28 🗷 44 0 云 50 3 云 05 5 云 28 | 28♂28 29♂56 1≈27 | 13≈08 14≈01 14≈56 | 26≈06 26≈31 26≈57 | 0m.09 0m.58 1m.54 | 1정44 3정56 6정17 | 29⋜04 0≈30 2≈00 | 12≈56 13≈46 14≈38 15≈32 | 26≈52 27≈16 27≈41 |

| | Sid.Tir MC: | | 12m A 57'22 | RMC: 1 | 68°00' | Sid.Tir MC: | | 16m A 02'17 | RMC: 1 | 169°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 |
| os | 19ჲ30 | 20 m 26 | 18 <i>≱</i> 57 | 16중35 | 15≈32 | 20 ₾ 34 | 21 m.25 | 19∡53 | 17ਰ31 | 16≈32 | 21 ≏ 38 | 22 m 24 | 20 ≉ 48 | 18궁27 | 17≈33 |
| 1S | 19 2 34 | 20m42 | 19×21 | 16궁55 | 15≈41 | 20 ₾ 38 | 21 m 42 | 20 🗷 16 | 17ਰ51 | 16≈41 | 21 △ 43 | 22 m 41 | 21 🗷 12 | 18중47 | 17≈41 |
| 2S | 19 ₾ 38 | 20 m. 59 | 19 🗷 45 | 17 る 15 | 15≈49 | 20 <u>△</u> 43 | 21 m.59 | 20 🗷 40 | 18중11 | 16≈49 | 21 247 | 22 m 58 | 21 🗷 35 | 19궁07 | 17≈50 |
| 3S 4S | 19 ≙ 43 | 21 m 16 21 m 33 | 20 ₹ 08 20 ₹ 32 | 17 る 35 17 る 55 | 15≈58 16≈06 | 20 <u>a</u> 47 | 22 m. 16 22 m. 33 | 21 ∡ 04 21 ∡ 28 | 18 궁 31 18 궁 50 | 16≈58 17≈06 | 21 2 52 21 2 57 | 23 m. 15 23 m. 33 | 21 ∡ 59 22 ∡ 23 | 19 궁 27 19 궁 46 | 17≈58 18≈06 |
| 5S | 19 ≏ 52 | 21 m 50 | 20 ₹ 56 | 18중15 | 16≈15 | 20 - 52 | 22 m 51 | 21 × 52 | 19중10 | 17≈15 | 22 <u>2</u> 02 | 23 m.51 | 22 × 47 | 20중06 | 18≈15 |
| 6S | 19 2 56 | 21 IL 30 22 IL 08 | 20 x 30 21 x 20 | 18 공 34 | 16≈13 | 20±37 21 ± 02 | 23 m 08 | 21 x 32 22 x 16 | 19830 | 17≈13 | 22 <u>2</u> 02 | 24 m 08 | 22 x 47 23 x 11 | 20 8 06 20 8 25 | 18≈23 |
| 7S | 20 △ 01 | 22 m 25 | 21 🗷 44 | 18궁54 | 16≈32 | 21 ₾ 06 | 23 m 26 | 22×40 | 19849 | 17≈32 | 22 ⊆ 12 | 24 m 26 | 23 ₹ 35 | 20중45 | 18≈31 |
| 8S | 20≗05 | 22 m 43 | 22 ₹ 09 | 19중14 | 16≈41 | 21 ≏ 11 | 23 m 44 | 23 ∡ 04 | 20궁09 | 17≈40 | 22 ≏ 17 | 24 m 45 | 24 ₹ 00 | 21중04 | 18≈39 |
| 9S | 20 ₾ 10 | 23 m 01 | 22 ₮ 33 | 19중34 | 16≈49 | 21 ₾ 16 | 24 m 02 | 23 ₹ 29 | 20궁29 | 17≈48 | 22 ₾ 22 | 25 m 03 | 24 ₹ 24 | 21궁24 | 18≈48 |
| 10S | 20 ₾ 15 | 23 m 20 | 22 ∡ 58 | 19ਰ53 | 16≈58 | 21 ≏ 21 | 24m21 | 23 ⋠ 53 | 20중48 | 17≈57 | 22 ₾ 27 | 25 m 22 | 24 ₹ 49 | 21중43 | 18≈56 |
| 118 | 20 ₾ 19 | 23 m 38 | 23 🗷 23 | 20중13 | 17≈06 | 21 | 24 m 40 | 24 🗷 18 | 21중08 | 18≈05 | 22 ₾ 33 | 25 m.41 | 25 🗷 14 | 22중03 | 19≈04 |
| 12S 13S | 20 <u>₽</u> 24 20 <u>₽</u> 29 | 23 m 57 24 m 16 | 23 ∡ 48 24 ∡ 13 | 20중33 20중53 | 17≈15 17≈24 | 21 <u>⊕</u> 31 21 <u>⊕</u> 37 | 24 m. 59 25 m. 18 | 24 ∡ 43 25 ∡ 09 | 21 궁 28 21 궁 48 | 18≈14 18≈22 | 22 <u>0</u> 38 | 26 m. 00 26 m. 20 | 25 ₹ 39 26 ₹ 04 | 22중23 22중42 | 19≈12 19≈21 |
| 14S | 20 ₾ 34 | 24m.36 | 24×13 | 21중13 | 17≈32 | 21 △ 42 | 25 m 38 | 25 × 34 | 22중08 | 18≈31 | 22 <u>0</u> 49 | 26 m 39 | 26 ₹ 30 | 23중02 | 19≈29 |
| 15S | 20മ39 | 24 m 56 | 25 ₹ 04 | 21중33 | 17 ≈ 41 | 21 ≙ 47 | 25 m 58 | 26 ₹ 00 | 22중28 | 18≈39 | 22 ₽ 55 | 27 m.00 | 26∡56 | 23중22 | 19≈37 |
| 16S | 20 - 45 | 25 m 16 | 25 ₹ 31 | 21 중 5 3 | 17≈50 | 21 □ 53 | 26m.18 | 26×26 | 22348 | 18≈48 | 23 ♀ 00 | 27 m 20 | 27 ₹ 22 | 23 공 42 | 19≈46 |
| 17S | 20≗50 | 25 m 36 | 25 ₹ 57 | 22중14 | 17≈58 | 21 ≏ 58 | 26m39 | 26 ₹ 53 | 23중08 | 18≈56 | 23 ≏ 06 | 27 m.41 | 27 ∡ 48 | 24중02 | 19≈54 |
| 18S | 20 ₾ 55 | 25 m 57 | 26×24 | 22중34 | 18≈07 | 22 <u>0</u> 4 | 27m.00 | 27 ₹ 19 | 23号28 | 19≈05 | 23 <u>□</u> 12 | 28 m.02 | 28 × 15 | 24322 | 20≈03 |
| 19S | 21 2 01 | 26 m 19 | 26∡151 | 22궁55 | 18≈16 | 22 ₾ 10 | 27 m.21 | 27 ₹ 46 | 23348 | 19≈13 | 23 ₾ 18 | 28 m.24 | 28 ₹ 41 | 24342 | 20≈11 |
| 20S | 21 ₾ 06 | 26 m 40 | 27 🗷 18 | 23중15 | 18≈25 | 22 <u>a</u> 16 | 27 m. 43 | 28 🗷 13 | 24중09 | 19≈22 | 23 2 24 | 28 m. 46 29 m. 09 | 29 🗷 09 | 25 궁 02 | 20≈20 |
| 21S 22S | 21 <u>□</u> 12 21 <u>□</u> 18 | 27 m 03 27 m 25 | 27 ₹ 46 28 ₹ 14 | 23 궁 36 23 궁 57 | 18≈34 18≈43 | 22 <u>a</u> 22 | 28 m. 06 28 m. 29 | 28 ∡ 41 29 ∡ 09 | 24궁30 24궁50 | 19≈31 19≈40 | 23 △ 31 23 △ 37 | 29 m 32 | 29∡36 0♂04 | 25 궁 23 25 궁 44 | 20≈28 20≈37 |
| 23S | 21 2 24 | 27 m 48 | 28 🗷 43 | 24궁18 | 18≈52 | 22 △ 34 | 28 m 52 | 29 ₹ 38 | 25중12 | 19≈49 | 23 <u>□</u> 44 | 29 m 55 | 0중33 | 26중05 | 20≈46 |
| 24S | 21 △ 30 | 28 m 12 | 29 ∡ 12 | 24궁40 | 19≈01 | 22 ♀ 40 | 29 m 16 | 0중07 | 25중33 | 19≈58 | 23 ₾ 51 | 0 ₹ 19 | 1중02 | 26궁26 | 20≈54 |
| 25S | 21 ≏ 36 | 28m37 | 29∡41 | 25중01 | 19≈10 | 22 <u>⊶</u> 47 | 29m41 | 0중36 | 25중54 | 20≈07 | 23 <u>₽</u> 57 | 0 ₹ 44 | 1중31 | 26궁47 | 21≈03 |
| 26S | 21 △ 43 | 29 m 02 | 0중11 | 25중23 | 19≈19 | 22 ≏ 54 | 0×106 | 1306 | 26중16 | 20≈16 | 24 2 05 | 1 ₹ 09 | 2ਰ01 | 27중08 | 21≈12 |
| 27S | 21 △ 50 | 29 m 27 | 0중41 | 25345 | 19≈29 19≈38 | 23 ₾ 01 | 0 ₹ 32 0 ₹ 58 | 1중36 | 26중38 | 20≈25 20≈34 | 24 □ 12 24 □ 19 | 1 ₹ 35 2 ₹ 02 | 2중31 | 27 る 30 | 21≈21 21≈31 |
| 28S 29S | 21 △ 56 22 △ 03 | 29 m 54 0 ≈ 21 | 1중12 1중44 | 26 궁 08 26 궁 30 | 19≈38 | 23 <u>a</u> 08 | 1 × 25 | 2 궁 07 2 궁 38 | 27る00 27る22 | 20≈34 | 24 <u>2</u> 19 | 2 \$702 | 3 중 01 3 중 33 | 27중52 28중14 | 21≈31 21≈40 |
| 30S | 22 <u>0</u> 11 | 0,749 | 2중16 | 26중53 | 19≈58 | 23 | 1 🖈 53 | 3중11 | 27중45 | 20≈53 | 24 € 35 | 2 🗷 58 | 4정05 | 28중36 | 21≈49 |
| 31S | 22 <u>0</u> 18 | 1 🗷 17 | 2 3 10 | 20833 27 중 16 | 20≈08 | 23 <u>2</u> 31 | 2 \$\vec{7} 22 | 3 정 43 | 27843 28 중 08 | 20≈33 21≈03 | 24 <u>2</u> 33 | 3 × 27 | 4803 | 28 공 59 | 21≈49 21≈59 |
| 32S | 22 | 1 ₹ 47 | 3ਰ22 | 27る40 | 20≈18 | 23 ₾ 39 | 2 ₹ 52 | 4ਰ16 | 28중31 | 21≈13 | 24 ₾ 52 | 3 ₹ 56 | 5ਰ10 | 29중22 | 22≈08 |
| 33S | 22 <u>□</u> 34 | 2 7 17 | 3중57 | 28중04 | 20≈28 | 23 <u>□</u> 47 | 3 🗷 22 | 4정50 | 28중55 | 21≈23 | 25 ₾ 00 | 4×27 | 5844 | 29궁46 | 22≈18 |
| 34S | 22 ≏ 42 | 2 ₹ 49 | 4중31 | 28중28 | 20≈38 | 23 ♀ 56 | 3 ₹ 54 | 5중25 | 29궁19 | 21≈33 | 25 ₾ 09 | 4 ₹ 59 | 6중18 | 0≈09 | 22≈28 |
| 35S | 22 <u>2</u> 51 | 3×21 | 5중07 | 28중53 | 20≈49 | 24 ₾ 05 | 4 🗷 27 | 6중01 | 29343 | 21≈43 | 25 □ 19 | 5 🗷 32 | 6 공 54 | 0≈34 | 22≈38 |
| 36S 37S | 22 ♀ 59 23 ♀ 09 | 3 ₹ 55 4 ₹ 30 | 5 정 44 6 정 21 | 29 궁 18 29 궁 43 | 21≈00 21≈10 | 24 <u>a</u> 14 | 5 \$\tilde{7} 01 \\ 5 \$\tilde{7} 36 | 6 궁 37 7 궁 14 | 0≈08 0≈33 | 21≈54 22≈05 | 25 <u>₽</u> 28 25 <u>₽</u> 38 | 6 \$7 06 6 \$7 41 | 7 3 30 8 3 06 | 0≈58 1≈23 | 22≈48 22≈59 |
| | 23 <u>□</u> 18 | 5×106 | | | 21≈22 | | 6×12 | 7 공 52 | | 22≈16 | | 7 7 17 | 8중44 | 1≈48 | |
| 39S | 23 <u>₽</u> 28 | 5 ₹ 44 | 7중38 | 0≈36 | 21≈33 | 24 <u>₽</u> 44 | 6₹49 | 8중31 | 1≈25 | 22≈27 | 26≗00 | 7 ₹ 55 | 9중23 | 2≈14 | 23≈20 |
| 40S | 23 <u> </u> | 6₹23 | 8궁19 | 1≈02 | 21≈44 | 24≗55 | 7.₹29 | 9궁11 | 1≈51 | 22≈38 | 26 🕰 11 | 8 ₹ 34 | 10중02 | 2≈40 | 23≈31 |
| 41S | 23 <u>₽</u> 49 | 7 ₹ 03 | 9중00 | 1≈30 | 21≈56 | 25 △ 06 | 8×109 | 9 궁 51 | 2≈19 | 22≈49 | 26 2 3 | 9×14 | 10궁43 | 3≈07 | 23≈43 |
| 42S | 24 <u>0</u> 01 | 7 🗷 46 | 9 궁 42 | 1≈58 | 22≈08 | 25 <u>0</u> 18 | 8 🗷 51 | 10궁33 | 2≈46 3≈15 | 23≈01 | 26 ₾ 35 | 9 \$7 57 | 11324 | 3≈35 | 23≈54 |
| 43S 44S | 24 <u>0</u> 12 24 <u>0</u> 25 | 8 ₹ 30 9 ₹ 16 | 10중26 11중10 | 2≈27 2≈56 | 22≈20 22≈33 | 25 <u>⊕</u> 31 25 <u>⊕</u> 44 | 9 ₹ 35 10 ₹ 21 | 11る17 12る01 | 3≈13 | 23≈13 23≈26 | 26 <u>₽</u> 48 27 <u>₽</u> 02 | 10 ₹41 11 ₹26 | 12 る 07 12 る 51 | 4≈03 4≈31 | 24≈06 24≈18 |
| 45S | 24≗38 | 10 🗷 04 | 11궁57 | 3≈26 | 22≈46 | 25 ⊆ 57 | 11 🗷 09 | 12중46 | 4≈13 | 23≈38 | 27 □ 16 | 12 🗷 14 | 13중36 | 5≈00 | 24≈31 |
| 46S | 24 <u>2</u> 52 | 10 \$ 54 | 12344 | 3≈26 | 22≈40 22≈59 | 26 ≗ 12 | 12 × 00 | 12 G 40 13 중 33 | 4≈43 | 23≈58 23≈51 | 27 ≘ 10 | 13 × 04 | 13830 14 공 23 | 5≈30 | 24≈43 24≈43 |
| 47S | 25 ≏ 06 | 11 ₹ 47 | 13중33 | 4≈28 | 23≈13 | 26 ≏ 27 | 12 ₹ 52 | 14궁22 | 5≈14 | 24≈04 | 27 ≏ 47 | 13 ₹ 57 | 15중10 | 6≈01 | 24≈56 |
| 48S | 25 a 22 | 12 7 42 | 14궁23 | 5≈00 5×22 | 23≈27 | 26 △ 43 | 13 🗷 47 | 15 3 12 | 5≈46 6 - 10 | 24≈18 | 28 ₾ 04 | 14 🗷 52 | 16궁00 | 6≈32 704 | 25≈10 |
| 49S | 25 ≏ 38 | 13 🗷 40 | 15중15 | 5≈33 | 23≈41 | 27 ₾ 00 | 14 🗷 45 | 16중03 | 6≈19 | 24≈32 | 28 ₾ 22 | 15 🗷 49 | 16중51 | 7≈04 | 25≈23 |
| 50S 51S | 25 ♀ 55 26 ♀ 14 | 14 ₹ 41 15 ₹ 45 | 16 る 09 17 る 04 | 6≈07 6≈42 | 23≈56 24≈11 | 27 <u>₽</u> 18 27 <u>₽</u> 37 | 15 x 46 16 x 50 | 16궁56 17궁51 | 6≈52 7≈26 | 24≈47 25≈01 | 28 ♀ 41 29 ♀ 01 | 16 \$\times 50 \\ 17 \$\times 53 | 17중43 18중37 | 7≈37 8≈11 | 25≈37 25≈52 |
| 51S 52S | 26 <u>14</u> 26 <u>2</u> 33 | 15×45 16×153 | 17 5 04 18 궁 01 | 0≈42 7≈17 | 24≈11 24≈27 | 27 <u>25</u> 37 | 17 \$7 57 | 17 6 31 18 중 47 | 7≈26 8≈02 | 25≈01 25≈17 | 29 <u>a</u> 22 | 19 \$7 00 | 18637 | 8≈46 | 25≈52 26≈07 |
| 53S | 26 ♀ 55 | 18 ≠ 05 | 19중00 | 7≈54 | 24≈43 | 28 ≏ 20 | 19∡08 | 19중46 | 8≈38 | 25≈33 | 29 ₾ 45 | 20 ₹ 10 | 20중31 | 9≈21 | 26≈22 |
| 54S | 27 <u>₽</u> 17 | 19 ₹ 20 | 20중02 | 8≈32 | 24≈59 | 28 ≏ 44 | 20 ₹ 23 | 20궁46 | 9≈15 | 25≈49 | 0 m. 10 | 21 ₹ 25 | 21중30 | 9≈58 | 26≈38 |
| 55S | 27 ≗ 42 | 20 ∡ 40 | 21중05 | 9≈11 | 25≈17 | 29 ₾ 09 | 21 ∡ 42 | 21궁49 | 9≈54 | 26≈06 | 0m.36 | 22 ∡ 43 | 22중32 | 10≈36 | 26≈55 |
| 56S | 28 ₾ 08 | 22 🗷 05 | 22311 | 9≈51 | 25≈35 | 29 <u>a</u> 37 | 23 🗷 06 | 22354 | 10≈33 | 26≈23 | 1 m. 05 | 24 🗷 06 | 23중36 | 11 ≈ 15 | 27≈12 |
| 57S 58S | 28 <u>₽</u> 37 29 <u>₽</u> 08 | 23 ₹ 35 25 ₹ 10 | 23중19 24중30 | 10≈33 11≈16 | 25≈53 26≈12 | 0 m 07 0 m 39 | 24 × 35 26 × 09 | 24중01 25중10 | 11≈14 11≈57 | 26≈41 27≈00 | 1 m. 36 2 m. 09 | 25 ₹ 34 27 ₹ 07 | 24중42 25중51 | 11≈56 12≈37 | 27≈30 27≈48 |
| 59S | 29 ≗ 08 29 ≗ 42 | 26 × 52 | 24 8 30 25 중 43 | 12≈01 | 26≈12 26≈32 | 1 m 15 | 20 x·09 27 x 49 | 25 8 10 26 8 23 | 11≈37 | 27≈00 27≈20 | 2 m. 46 | 28 × 46 | 23 6 31 27 중 02 | 12≈37 | 27≈48 28≈07 |
| 60S | 0 m. 20 | 28 ₹ 40 | 26중59 | 12≈47 | 26≈53 | 1 m. 54 | 29 ₹ 36 | 27중37 | 13≈26 | 27≈40 | 3 m. 27 | 0중31 | 28중16 | 14≈05 | 28≈27 |
| 61S | 1 m. 01 | 0중34 | 28중18 | 13≈34 | 27≈15 | 2 m 37 | 1329 | 28 공 55 | 14≈13 | 28≈01 | 4m.11 | 2822 | 29중32 | 14≈51 | 28≈48 |
| 62S | 1 m 47 | 2중37 | 29궁40 | 14≈24 | 27≈38 | 3 m 24 | 3중29 | 0≈16 | 15≈01 | 28≈24 | 5m01 | 4중20 | 0≈52 | 15≈39 | 29≈10 |
| 63S | 2m39 | 4 3 46 | 1≈05 | 15≈15 1608 | 28≈01 28×26 | 4m.18 | 5중36 | 1≈40 | 15≈52 | 28≈47 | 5 m 56 | 6 る 25 | 2≈14 2×40 | 16≈29 | 29≈32 |
| 648 | 3 m 37 | 7305 | 2≈34 | 16≈08 | 28≈26 | 5 m 18 | 7중52 | 3≈07 | 16≈44 | 29≈11 | 6m.58 | 8339 | 3≈40 | 17≈20 | 29≈56 |
| 65S | | | 4≈06 | 17≈04 | 28≈52 | 6m26 | 10중16 | 4≈37 | 17≈39 | 29≈36 | 8 m. 08 | 11중00 | 5≈09 | 18≈14 | 0 × 21 |
| | 4 m 42 | 9 궁 32 | | | | | | | | | | | | | 0447 |
| 66S pc | 4m42 5m57 6m44 | 9632 12 6 08 13 6 39 | 5≈41 6≈36 | 17≈04 18≈01 18≈34 | 29≈20 29≈36 | 7 m. 43 8 m. 32 | 12정49 14정19 | 6≈11 7≈06 | 18≈35 19≈08 | 0 × 03 0 × 19 | 9m27 10m17 | 13중30 14중58 | 6≈42 7≈35 | 19≈10 19≈42 | 0 ¥ 47 1 ¥ 02 |

| | 173°00' |
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| 18. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | 3 |
| 28 22.45.2 23.85.7 22.43.3 1.00.00 22.45.2 23.45.2 23.45.2 23.40.2 23.41.3 23.43.7 23.40.2 23.40.2 23.40.3 23.40.7 23.40.2 23. | 20≈36 |
| 38 2.54.07 2.6 | |
| | |
| SS 240.07 248.05 23.441 20.00 240.12 240.22 240.17 260.00 25.940 22.00 260.00 23.242 22.00 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.241 25.957 23.257 25.957 23.257 25.957 23.257 25.957 23.257 25.957 23.257 25.957 23.257 25.957 23.257 25.957 23.957 25.957 23.957 25.957 | |
| See 28.04 28.06 28.07 24.07 24.07 24.07 24.07 24.07 24.07 24.07 24.07 25.07 | |
| 58 23.81 S. 28.81.2 S. 28.45 S. 28.55 S. 20.82 S. 28.84 S. 29.85 S. 20.89 S. 28.84 S. 27.85 S. 28.89 S. 28.84 S. 27.85 S. 28.89 S. 28.84 S. 27.85 S. 28.89 S. 28.84 S. 27.84 S. 28.82 S. 27.85 S. 28.89 S. 28.84 S. 27.84 S. 28.82 S. 27.85 S. 28.82 S. 28.84 S. 28.82 S. 27.85 S. 28.82 S. 28.84 S. 28.82 S. 27.85 S. 28.82 S. 28.84 S. 28.82 S. 27.85 S. 28.84 | 21≈15 21≈23 |
| 98 28.22 28.29 20.519 19.447 24.343 278.04 26.744 26.745 26.744 26.745 26.745 27.745 24.745 27.7 | 21≈31 |
| 108 | 21≈39 |
| 188 | 21≈46 |
| 128 | 21≈54 |
| 188 | |
| 148 23.6.50 27m.41 27m.25 23m.25 20m.10 27m.25 20m.10 22m.25 22m.20 2 | |
| 158 | |
| 168 | 22≈33 |
| 178 | |
| 188 24420 29mu4 29mu6 29mu 25mu | |
| 208 | |
| Section Sect | 23≈05 |
| 228 24-44 0.044 0.059 2.0637 21-834 25-66 1.837 1.654 27-80 22-40 22-40 2.704 2.707 2.834 2.848 | 23≈13 |
| 238 24 \(25 \) 25 \(20 \) 0 1 \(22 \) 2 15 \(65 \) 0 21 \(85 \) 2 22 \(85 \) 1 22 \(85 \) 2 25 \(85 \) 0 2 \(85 \) 2 2 \(85 \) 3 3 \(85 \) 3 3 \(85 \) 3 3 \(85 \) 3 3 \(85 \) 3 4 \(85 \) | 23≈21 23≈29 |
| 248 25 ± 00 1 ≠ 22 1 ± 50 27 ± 18 21 ± 51 26 ± 10 2 ± 52 255 28 ± 11 2 ± 50 3 ± 27 28 ± 51 2 ± 50 3 ± 20 28 ± 32 2 ± 50 2 ± 40 2 ± 52 2 ± 50 3 ± 60 2 ± 52 2 ± 72 | |
| 268 25 ± 15 2 ± 13 2 ± 55 2 ± 801 2 ± 202 26 ± 60.33 3 ± 41 2 ± 401 2 ± 201 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 20 2 ± 202 2 ± 60.43 3 ± 40 2 ± 202 | |
| 268 25 ± 15 2 ± 13 2 ± 55 2 ± 801 2 ± 202 26 ± 60.33 3 ± 41 2 ± 401 2 ± 201 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 40 2 ± 202 2 ± 60.33 3 ± 20 2 ± 202 2 ± 60.43 3 ± 40 2 ± 202 | 23≈54 |
| 288 25 A30 3 x86 3 x56 285 427 296 A4 4 x90 4 x50 297 58 23 x32 27 A27 5 x39 6 x614 0 x2 298 25 A39 3 x83 4 x87 298 20 22 x84 26 x80 4 x83 5 x89 6 x81 0 x82 28 x81 2 x81 0 x81 0 x81 0 x83 | |
| 295 | |
| 308 | |
| 31S 25.6.55 | |
| 328 26.04 5.700 6.704 0.0413 23.004 27.016 6.704 6.757 1.056 23.005 28.028 7.707 7550 1.055 33.005 26.013 5.731 6.737 0.0837 23.041 23.043 2.7056 6.735 7.707 8.704 1.0851 24.009 28.028 7.738 8.723 2.041 24.028 28.048 7.748 8.723 2.041 24.028 28.048 7.748 8.723 2.041 24.028 28.048 7.748 8.723 2.041 24.028 28.048 7.7410 8.721 1.0607 23.023 27.026 8.744 9751 2.048 24.048 29.010 9.717 1.0707 20.007 2 | 24≈37 24≈46 |
| 338 26_13 5,231 6337 0.837 23.813 27_26 6,235 75.00 1.827 24.809 28_138 7,238 8523 2.841 | |
| 35S 26a32 6x36 7546 1x24 23x33 27a46 7x40 8539 2x14 24x28 28a59 8x43 9532 3x0 36S 26a42 7x10 8522 1x48 23x43 27a56 8x14 9515 2x38 24x38 29a10 9x17 10507 3x2 37S 26a53 7x45 8559 2x13 23x53 28a07 8x49 9551 3x03 24x48 29a21 9x52 10743 3x5 38S 27a04 8x21 9536 2x38 24x44 28a18 9x25 10528 3x27 24x58 29a33 10x29 11520 4x4 39S 27a15 8x59 10514 3x03 24x14 28a30 10x03 11506 3x53 25x08 29a45 11x06 11557 4x4 40S 27a27 9x38 10554 3x29 24x25 28a42 10x42 11645 4x18 25x19 29458 11x45 12536 5x0 41S 27a39 10x19 11534 3x366 24x67 29a09 12x05 13506 5x11 25x41 0m25 13x08 13556 5x5 43S 28a06 11x45 12557 4x50 24x59 29a23 12x49 13548 5x38 25x52 0m39 13x52 14537 6x2 44S 28a20 12x31 13541 5x19 25x19 29a37 13x34 4731 6x06 26x04 0m54 4x37 1520 6x5 45S 28a35 13x19 14526 5x47 25x35 0m09 15x12 16500 7x04 26x27 1m27 16x14 16549 7x5 48S 29a07 15x01 15559 6x47 25x35 0m29 15x12 16500 7x04 26x27 1m27 16x14 16549 7x5 48S 29a24 15x55 16548 7x18 26x01 0m44 16x58 17x35 8x04 26x53 2mud 18x00 18523 8x5 49S 29a43 16x52 17538 7x250 26x24 1m45 19x57 20609 9x40 27x33 3m07 20x58 20555 10x2 50S 0m02 18x35 16x12 26x17 27x12 28x13 22x04 21x03 21x04 21x04 21x04 21x04 21x04 21x04 21x04 21x04 21x04 | |
| 368 26.042 7\$\times 10 8\$\times 22 1.848 23.843 27.056 8\$\times 14 9\$\times 15 2.838 24.838 29.010 9\$\times 17 10\$\times 07 3.82\$ 385 27.040 8\$\times 21 9\$\times 55 2.831 23.853 28.047 8\$\times 49 9\$\times 51 3.803 24.848 29.021 9\$\times 57 10\$\times 43 3.855 38.72 24.858 29.043 10\$\times 43 3.855 27.040 8\$\times 21 9\$\times 55 10\$\times 18 3.803 24.841 28.041 28.041 10\$\times 03 3.823 24.848 29.021 3.803 10\$\times 29 11\$\times 01 4.841 3.803 24.841 28.041 10\$\times 03 3.853 25.808 29.045 11\$\times 01 11\$\times 05 4.841 4.841 25.841 3.855 24.841 4.841 25.841 3.855 24.841 4.841 27.043 4.841 27.043 4.841 27.043 4.841 27.043 4.841 27.043 4.841 28.041 4.841 27.043 4.841 28.041 4.841 28.041 4.841 28.041 4.841 28.041 4.841 28.041 4.841 28.041 4.8 | 25≈13 |
| 378 | 25≈23 |
| 388 27@04 8x21 9\frac{36}{2} 2x38 24x04 28@18 9x25 10\frac{32}{2} 3x27 24x58 29@33 10x29 11\frac{32}{2} 4x41 28@30 10x03 11\frac{36}{2} 3x53 25x80 29@45 11\frac{36}{2} 11\frac{36}{2 | |
| 398 27±15 8x59 10±14 3≈03 24≈14 28±30 10x03 11±06 3≈53 25≈08 29±45 11x06 11±57 4≈4 408 27±27 9x38 10±54 3≈29 24≈25 28±42 10x42 11±45 4≈18 25≈19 29±58 11x45 12±36 5≈0 418 27±39 10x19 11±34 3≈56 24≈36 28±55 11x23 12±25 4≈44 25≈30 0m.11 12x36 13±15 5≈3 428 27±52 11x01 12±15 4≈23 24≈47 29±09 12x05 3±06 5≈11 25≈41 0m.25 13x08 13±56 5≈5 438 28±06 11x45 12±57 4≈50 24≈59 29±23 12x49 13±48 5≈38 25≈52 0m.39 13x52 14±37 6≈2 448 28±20 12x31 13±41 5≈19 25≈11 29±37 13x34 14±31 6≈06 26≈04 0m.54 14x37 15±20 6≈5 458 28±35 13x19 14±26 5≈47 25≈23 29±53 14x22 15±15 6≈35 26≈15 1m.10 15x25 16±04 7≈5 478 29±07 15x01 15±59 6≈47 25≈48 0m.26 16x44 16±47 7≈33 26≈40 1m.45 17x06 17±35 8≈2 488 29±24 15x55 16±48 7≈18 26≈01 0m.44 16±58 17±35 8≈04 26≈53 2m.04 18x00 18±23 8≈5 498 29±43 16x52 17±38 7≈50 26≈14 1m.03 17x55 18±25 8≈35 27≈06 2m.23 18x57 19±12 9≈2 508 0m.02 17x52 18±30 8≈22 26≈28 1m.24 19x57 20±09 9≈40 27≈33 3m.07 20x58 20±55 10≈25 538 1m.09 21x12 21±15 10≈05 27≈12 2m.33 22x13 20±00 10≈49 28≈02 3m.56 23x12 22±44 11≈3 548 1m.35 22x25 22±14 10≈41 27≈28 2m.59 23x25 22±58 11≈24 28≈37 4m.23 24x25 23±11 23±01 13≈59 28×49 5m.24 27×51 23±41 23±4 568 2m.32 25x05 24±18 11≈57 28≈01 3m.88 26x04 25±00 12≈39 28≈49 5m.24 27×51 25±41 23±4 36×58 3m.39 28x04 26±31 13≈18 28≈36 5m.07 29x00 27±11 33≈59 28×49 5m.24 27×51 25±41 23±4 36×58 3m.39 28x04 26±31 13≈18 28≈36 5m.07 29×00 27±11 33≈59 28×49 5m.24 27×51 25±41 23±4 36×58 3m.39 28x04 26±31 13≈18 28×55 3m.09 6±00 28±14 29×24 6m.30 25±14 29×30 25±00 3±14 27×47 3m.3 | - |
| 40S 27⊕27 9x38 10₹54 3x29 24x25 28⊕42 10x42 11₹45 4x18 25x19 29⊕58 11x45 12₹36 5x0 41S 27⊕39 10x19 11₹34 3x56 24x36 28⊕55 11x23 12₹25 4x44 25x30 0m.11 12x26 13₹15 5x3 42S 27⊕52 11x01 12∀15 4x23 24x47 29⊕09 12x05 13₹06 5x11 25x41 0m.25 13x08 13₹56 5x5 43S 28⊕06 11x45 12₹57 4x50 24x59 29⊕23 12x49 13₹48 5x38 25x52 0m.39 13x52 14₹37 6x2 44S 28⊕20 12x31 13₹41 5x19 25x11 29⊕37 13x34 14₹31 6x06 26x04 0m.54 14x37 15₹20 6x5 45S 28⊕35 13x19 14₹26 5x47 25x35 0m.09 15x12 16₹00 7x60 26x27 1m.27 16x14 16₹49 7x5 44S 28⊕20 12x31 13₹41 5x19 25x35 0m.09 15x12 16₹00 7x60 26x27 1m.27 16x14 16₹49 7x5 44S 28⊕30 14x08 15₹12 6x17 25x35 0m.09 15x12 16₹00 7x60 26x27 1m.27 16x14 16₹49 7x5 44S 29⊕24 15x55 16₹48 7x18 26x01 0m.44 16x58 17₹35 8x60 26x53 2m.04 18x00 18₹23 8x5 49S 29⊕43 16x52 17₹38 7x50 26x14 1m.03 17x55 18₹25 8x35 27x66 2m.23 18x57 19₹12 9x2 50S 0m.02 17x52 18₹30 8x22 26x28 1m.24 18x55 19₹16 9x60 72x19 2m.44 19x56 20₹03 9x5 51S 0m.23 18x56 19₹23 8x56 26x24 1m.45 19x57 20₹09 9x04 27x33 3m.07 20x58 20₹55 10x2 52S 0m.45 20x02 20₹18 9x30 26x57 2m.08 21x33 22x13 22₹00 10x44 27x47 3m.30 22x04 21₹48 10x55 5x5 53S 1m.09 21x12 21₹15 10x05 27x12 2m.33 22x13 22₹00 10x49 28x02 3m.56 23x12 22₹44 11x3 54S 1m.35 22x25 22₹14 10x41 27x28 2m.59 23x25 22₹58 11x24 28x17 4m.23 24x25 23₹41 12x0 55S 2m.02 23x43 23₹15 11x19 27x44 3m.28 24x42 23₹58 12x01 28x33 4m.52 25x41 24x41 12x4 56S 2m.32 2xx42 27₹41 14x01 28x55 5m.47 0x36 28₹21 18x93 18x68 29x42 7m.15 133 29x00 15x2 50S 4m.59 1252 28₹54 14x44 29x14 4m.31 27x30 26₹05 13x8 29x06 5m.58 28x26 26₹64 14x0 58S 3m.39 28x04 26₹31 13x18 28x36 5m.07 29x00 27₹11 13x59 29x24 6m.35 29x56 27₹51 14x3 58S 3m.39 28x04 26₹31 13x18 28x36 5m.07 29x00 27₹11 13x59 29x24 6m.35 29x56 27₹51 14x3 58S 3m.39 28x04 26₹31 13x18 28x36 5m.07 29x00 27₹11 13x59 29x24 6m.35 29x56 27₹51 14x3 58S 3m.39 28x04 26x31 13x18 28x36 5m.07 29x00 27₹11 13x59 29x24 6m.35 29x56 27₹51 14x3 58S 3m.39 28x04 26x31 13x18 28x36 5m.07 29x00 27₹11 13x59 29x24 6m.35 29x56 27₹51 14x3 58S 3m.39 28x04 26x31 13x18 28x36 5m.07 29x00 27₹11 13x59 29x24 6m.35 | |
| 41S 27±39 10 x 19 11 534 3≈56 24≈36 28±55 11 x 23 12 55 4≈44 25≈30 0 m.11 12 x 26 13 515 5≈3 42S 27±52 11 x 01 12 515 4≈23 24≈47 29±09 12 x 05 13 506 5≈11 25≈41 0 m.25 13 x 08 13 556 5≈5 43S 28±06 11 x 45 12 557 4≈50 24≈59 29±23 12 x 49 13 548 5≈38 25≈52 0 m.39 13 x 52 14 537 6≈2 44S 28±02 12 x 31 13 541 5≈19 25≈11 29±37 13 x 34 14 531 6≈06 26≈04 0 m.54 14 x 37 15 520 6≈5 45S 28±25 13 x 19 14 526 5≈47 25≈23 29±53 14 x 22 15 515 6≈35 26≈04 0 m.54 14 x 37 15 520 6≈5 45S 28±50 14 x 08 15 512 6≈17 25≈35 0 m.09 15 x 12 16 500 7≈04 26≈27 1 m.27 16 x 14 16 549 7≈5 47S 29±07 15 x 01 15 559 6≈47 25≈48 0 m.26 16 x 04 16 547 7≈33 26≈40 1 m.45 17 x 06 17 35 8≈2 48S 29±24 15 x 55 16 548 7≈18 26≈01 0 m.44 16 x 58 17 35 8≈04 26≈53 2 m.04 18 x 00 18 52 3 8≈5 48S 29±24 15 x 55 16 548 7≈18 26≈01 0 m.44 16 x 58 17 35 8≈04 26≈53 2 m.04 18 x 00 18 52 3 8≈5 51S 0 m.02 17 x 52 18 30 8≈22 26≈28 1 m.24 18 x 55 19 516 9 ≈07 27 ≈19 2 m.44 19 x 56 20 50 3 9≈5 51S 0 m.23 18 x 56 19 523 8≈56 26≈42 1 m.45 19 x 57 20 509 9 ≈40 27 ≈33 3 m.07 20 x 58 20 555 10 ≈2 52S 0 m.45 20 x 02 20 518 9 ≈30 26 ≈57 2 m.08 21 x 03 21 503 10 ≈14 27 ≈47 3 m.30 22 x 04 21 548 10 ≈5 53S 1 m.09 21 x 12 21 515 10 ∞05 27 ≈12 2 m.33 22 x 10 0 10 ×49 28 ×20 2 3 x 43 23 51 11 ≈19 27 ≈44 3 m.28 24 x 42 23 58 11 ≈24 28 ≈17 4 m.23 24 x 25 23 541 12 ≈0 58S 3 m.39 28 x 04 26 x 31 13 ≈18 28 ≈36 5 m.07 29 x 00 27 511 3 ≈59 29 ≈24 5 m.55 20 20 51 13 ≈18 28 ≈36 5 m.07 29 x 00 27 511 3 ≈59 29 ≈24 6 m.55 29 x 50 27 51 14 ≈3 59S 4 m.17 29 x 42 27 541 14 ≈01 28 ≈55 5 m.47 0 536 28 521 14 ≈41 29 ≈42 7 m.15 15 31 29 500 15 ≈2 66S 2 m.36 5 510 1 ≈28 16 ≈17 29 ≈55 8 m.09 6 600 0 ≈46 16 ≈08 0 ×21 8 m.48 4557 1 ≈23 16 ≈46 62S 6 m.36 5 510 1 ≈28 16 ≈17 29 ≈55 8 m.09 6 600 0 ≈44 16 ≈55 0 0 ×41 8 m.09 3 ≈11 0 ≈10 16 ≈0 6 68S 9 m.48 11 543 5 ≈41 18 ≈49 1 ×05 11 m.27 12 52 6 6 ≈13 19 ≈25 1 ×49 13 m.04 13 ≈09 6 ≈45 20 ≈0 6 68S 9 m.48 11 543 5 ≈41 18 ≈49 1 ×05 11 m.27 12 52 6 6 ≈13 19 ≈25 1 ×49 13 m.04 13 ≈09 6 ≈45 20 ≈0 6 6 ≈45 20 ≈0 6 6 ≈45 20 ≈0 6 6 ≈15 9 ≈0 6 ≈0 6 ≈0 6 ≈0 6 ≈0 6 ≈0 6 ≈0 6 ≈ | 26≈13 |
| 428 | |
| 448 | |
| 458 | |
| 46S 28 ± 50 14 x 08 15 ± 12 6 ≈ 17 25 ≈ 35 0 m 09 15 x 12 16 ± 04 26 ≈ 27 1 m 27 16 x 14 16 ± 49 7 ≈ 54 47S 29 ± 07 15 x 01 15 ± 59 6 ≈ 47 25 ≈ 48 0 m 26 16 x 04 16 ± 04 7 ≈ 33 26 ≈ 40 1 m 45 17 x 06 17 z 35 8 ≈ 2 48S 29 ± 24 15 x 55 16 ± 48 7 ≈ 18 26 ∞ 11 1 m 03 17 x 55 18 ± 25 2 m 04 2 m 24 18 x 57 19 ± 12 9 ≈ 2 50S 0 m 02 17 x 52 18 ± 36 19 ± 23 8 ≈ 56 26 ≈ 42 1 m 45 19 x 57 20 ± 09 9 ≈ 07 27 ≈ 19 2 m 44 19 x 57 19 ± 12 9 ≈ 2 51S 0 m 23 18 x 56 19 ± 23 8 ≈ 56 26 ≈ 42 1 m 45 19 x 57 20 ± 09 9 ≈ 40 27 ≈ 33 3 m 07 20 x 58 20 ± 55 10 ≈ 23 51S 0 m 23 18 x 56 19 ± 23 8 ≈ 56 26 ≈ 2 | |
| 47S 29 ⊕ 07 15 ₹ 01 15 ₹ 59 6 ≈ 47 25 ≈ 48 0 m 26 16 ₹ 04 16 ₹ 04 7 ≈ 33 26 ≈ 40 1 m 45 17 ₹ 06 17 ₹ 35 8 ≈ 2 48S 29 ⊕ 24 15 ₹ 55 16 ₹ 48 7 ≈ 18 26 ≈ 01 0 m 44 16 ₹ 58 17 ₹ 35 8 ≈ 04 26 ≈ 53 2 m 04 18 ₹ 00 18 ₹ 23 8 ≈ 5 49S 29 ⊕ 43 16 ₹ 52 17 ₹ 38 7 ≈ 50 26 ≈ 14 1 m 03 17 ₹ 55 18 ₹ 25 2 ≈ 35 2 7 ≈ 06 2 m 23 18 ₹ 57 19 ₹ 12 9 ≈ 22 50S 0 m .02 17 ₹ 52 18 ₹ 30 8 ≈ 22 26 ≈ 28 1 m .24 18 ₹ 55 19 ₹ 16 9 ≈ 07 27 ≈ 19 2 m .44 19 ₹ 56 20 ₹ 03 9 ≈ 55 10 ≈ 2 20 ₹ 00 9 ≈ 07 27 ≈ 19 2 m .44 19 ₹ 56 20 ₹ 03 9 ≈ 55 10 ≈ 2 20 ₹ 03 20 ≈ 57 20 ₹ 09 9 ≈ 07 27 ≈ 19 2 m .44 19 ₹ 56 20 ₹ 03 3 ≈ 10 20 ₹ 20 ₹ 20 3 ≈ 18 20 | |
| 48S 29 ± 24 15 ₹ 55 16 ∃ 48 7 ≈ 18 26 ≈ 01 0 m. 44 16 ₹ 58 17 ∃ 35 8 ≈ 04 26 ≈ 53 2 m. 04 18 ₹ 00 18 ∃ 23 8 ≈ 55 49S 29 ± 43 16 ₹ 52 17 ∃ 38 7 ≈ 50 26 ≈ 14 1 m. 03 17 ₹ 55 18 ∃ 25 8 ≈ 35 27 ≈ 06 2 m. 23 18 ₹ 57 19 ∃ 12 9 ≈ 2 50S 0 m. 02 17 ₹ 52 18 ∃ 30 8 ≈ 22 26 ≈ 28 1 m. 24 18 ₹ 55 19 ∃ 16 9 ≈ 07 27 ≈ 19 2 m. 44 19 ₹ 56 20 ∃ 03 9 ≈ 55 51S 0 m. 23 18 ₹ 56 19 ∃ 23 8 ≈ 56 26 ≈ 42 1 m. 45 19 ₹ 57 20 ∃ 09 9 ≈ 40 27 ≈ 33 3 m. 07 20 ₹ 58 20 ∃ 55 10 ≈ 22 50 € 07 2 m. 03 2 m. 04 2 m. 03 | |
| 49S 29±43 16±52 17±38 7≈50 26≈14 1 m 03 17±55 18±25 8≈35 27≈06 2m23 18±57 19±12 9≈2 50S 0 m 02 17±52 18±30 8≈22 26≈28 1 m 24 18±55 19±16 9≈07 27≈19 2m44 19±56 20±03 9≈55 51S 0 m 23 18±56 19±23 8≈56 26≈42 1 m 45 19±57 20±09 9≈40 27≈33 3 m 07 20±58 20±55 10≈2 52S 0 m 45 20±02 20±18 9≈30 26≈57 2 m 08 21±03 21±03 10≈14 27≈47 3 m 30 22±04 21±48 10≈5 53S 1 m 09 21±12 21±15 10∞5 27≈12 2m 33 22±13 22±00 10≈49 28≈02 3 m 56 23±12 22±44 11≈3 54S 1 m 35 22±25 22±14 10∞41 27≈28 2m 59 23±25 22±58 11≈24 | |
| 51S 0m23 18 x 56 19 \(\pi 23 \) 8 \(\pi 56 \) 26 \(\pi 42 \) 1 m.45 19 x 57 20 \(\pi 09 \) 9 \(\pi 40 \) 27 \(\pi 33 \) 3 m.07 20 x 58 20 \(\pi 55 \) 10 \(\pi 2 \) 52S 0 m.45 20 x 02 20 18 9 \(\pi 30 \) 26 \(\pi 57 \) 2 m.08 21 x 03 21 \(\pi 03 \) 10 \(\pi 14 \) 27 \(\pi 47 \) 3 m.30 22 x 04 21 \(\pi 48 \) 10 \(\pi 14 \) 27 \(\pi 47 \) 2 m.08 21 x 03 21 x 03 21 x 03 10 \(\pi 49 \) 28 \(\pi 02 \) 3 m.30 22 x 04 21 \(\pi 48 \) 10 \(\pi 5 5 \) 53S 1 m.09 21 x 12 21 51 10 \(\pi 60 \) 27 x 28 2 m.59 23 x 25 22 \(\pi 58 \) 11 \(\pi 24 \) 28 \(\pi 17 \) 4 m.23 24 x 25 23 \(\pi 41 \) 12 \(\pi 60 \) 11 \(\pi 24 \) 28 \(\pi 17 \) 20 x 25 22 \(\pi 58 \) 11 \(\pi 24 \) 28 \(\pi 17 \) 21 x 25 23 x 41 12 \(\pi 41 \) 22 x 24 23 x 25 22 x 25 505 24 x 21 x 21 24 x 21 2 | 27≈57 |
| 51S 0m23 18 x 56 19 \(\pi 23 \) 8 \(\pi 56 \) 26 \(\pi 42 \) 1 m.45 19 x 57 20 \(\pi 09 \) 9 \(\pi 40 \) 27 \(\pi 33 \) 3 m.07 20 x 58 20 \(\pi 55 \) 10 \(\pi 2 \) 52S 0 m.45 20 x 02 20 18 9 \(\pi 30 \) 26 \(\pi 57 \) 2 m.08 21 x 03 21 \(\pi 03 \) 10 \(\pi 14 \) 27 \(\pi 47 \) 3 m.30 22 x 04 21 \(\pi 48 \) 10 \(\pi 14 \) 27 \(\pi 47 \) 2 m.08 21 x 03 21 x 03 21 x 03 10 \(\pi 49 \) 28 \(\pi 02 \) 3 m.30 22 x 04 21 \(\pi 48 \) 10 \(\pi 5 5 \) 53S 1 m.09 21 x 12 21 51 10 \(\pi 60 \) 27 x 28 2 m.59 23 x 25 22 \(\pi 58 \) 11 \(\pi 24 \) 28 \(\pi 17 \) 4 m.23 24 x 25 23 \(\pi 41 \) 12 \(\pi 60 \) 11 \(\pi 24 \) 28 \(\pi 17 \) 20 x 25 22 \(\pi 58 \) 11 \(\pi 24 \) 28 \(\pi 17 \) 21 x 25 23 x 41 12 \(\pi 41 \) 22 x 24 23 x 25 22 x 25 505 24 x 21 x 21 24 x 21 2 | 28≈10 |
| 53S 1 m 09 21 x 12 21 515 10 x 05 27 x 12 2 m 33 22 x 13 22 x 00 10 x 49 28 x 02 3 m 56 23 x 12 22 x 44 11 x 35 54S 1 m 35 22 x 25 22 x 14 10 x 41 27 x 28 2 m 59 23 x 25 22 x 58 11 x 24 28 x 17 4 m 23 24 x 25 23 x 41 12 x 01 55S 2 m 02 23 x 43 23 x 15 11 x 19 27 x 44 3 m 28 24 x 42 23 x 58 12 x 01 28 x 33 4 m 52 25 x 41 24 x 41 12 x 44 56S 2 m 32 25 x 05 24 x 18 11 x 57 28 x 01 3 m 58 26 x 04 25 x 00 12 x 39 28 x 49 5 m 24 27 x 01 25 x 42 13 x 22 57S 3 m 04 26 x 32 25 x 24 12 x 37 28 x 18 4 m 31 27 x 30 26 x 05 13 x 18 29 x 06 5 m 58 28 x 26 26 x 46 14 x 20 58S 3 m 39 28 x 04 26 x 31 | 28≈24 |
| 54S 1 m 35 22 x 25 22 G 14 10 x 41 27 x 28 2 m 59 23 x 25 22 G 58 11 x 24 28 x 17 4 m 23 24 x 25 23 G 41 12 x 0 55S 2 m 02 23 x 43 23 G 15 11 x 19 27 x 44 3 m 28 24 x 42 23 G 58 12 x 01 28 x 33 4 m 52 25 x 41 24 G 41 12 x 4 56S 2 m 32 25 x 05 24 G 18 11 x 57 28 x 01 3 m 58 26 x 04 25 G 00 12 x 39 28 x 49 5 m 24 27 x 01 25 G 24 13 x 25 57S 3 m 04 26 x 32 25 G 24 12 x 37 28 x 18 4 m 31 27 x 30 26 G 05 13 x 18 29 x 06 5 m 58 28 x 26 26 G 46 14 x 0 58S 3 m 39 28 x 04 26 G 31 13 x 18 28 x 36 5 m 07 29 x 00 27 G 11 13 x 59 29 x 24 6 m 35 29 x 56 27 G 51 14 x 3 59S 4 m 17 29 x 42 27 G 41 < | |
| 55S 2 m 02 23 x 43 23 \ \ 215 11 \times 19 27 \times 44 3 m 28 24 x 42 23 \ \times 58 12 \times 01 28 \times 33 4 m 52 25 x 41 24 \ \times 41 12 \times 42 56S 2 m 32 25 x 05 24 \ \times 18 11 \times 57 28 \times 01 3 m 58 26 x 04 25 \ \times 00 12 \times 39 28 \times 49 5 m 24 27 x 01 25 \ \times 42 13 \times 2 57S 3 m 04 26 x 32 25 \ \times 24 12 \times 37 28 \times 18 4 m 31 27 x 30 26 \times 05 5 m 58 28 x 26 26 \times 46 14 \times 0 58S 3 m 39 28 x 04 26 \times 31 13 \times 18 28 \times 36 5 m 07 29 x 00 27 \times 11 13 \times 59 29 x 24 6 m 35 29 x 56 27 \times 51 14 \times 3 59S 4 m 17 29 x 42 27 \times 41 14 \times 01 28 \times 55 5 m 47 0 \times 36 28 \times 21 14 \times 41 29 \times 42 7 m 15 1 \times 31 29 \times 00 | 28≈52 29≈07 |
| 56S 2 m.32 25 x 05 24 \(\pi 18 \) 11 \(\pi 57 \) 28 \(\pi 01 \) 3 m.58 26 x 04 25 \(\pi 00 \) 12 \(\pi 39 \) 28 \(\pi 49 \) 5 m.24 27 x 01 25 \(\pi 42 \) 13 \(\pi 2 \) 57S 3 m.04 26 x 32 25 \(\pi 24 \) 12 \(\pi 37 \) 28 \(\pi 18 \) 4 m.31 27 x 30 26 \(\pi 05 \) 13 \(\pi 18 \) 29 \(\pi 06 \) 5 m.58 28 x 26 26 \(\pi 46 \) 14 \(\pi 00 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 06 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 06 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 40 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 42 \) 27 \(\pi 51 \) 14 \(\pi 3 \) 29 \(\pi 40 \) 27 \(\pi 11 \) 13 \(\pi 59 \) 29 \(\pi 40 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 42 \) 29 \(\pi 40 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 42 \) 27 \(\pi 51 \) 14 \(\pi 3 \) 29 \(\pi 40 \) 27 \(\pi 11 \) 13 \(\pi 18 \) 29 \(\pi 42 \) 27 \(\pi 51 \) 14 \(\pi 3 \) 29 \(\pi 41 \) 29 \(\pi 41 \) | |
| 57S 3 m.04 26 x 32 25 \(\pi 24 \) 12 x 37 28 x 18 4 m.31 27 x 30 26 \(\pi 05 \) 13 x 18 29 x 06 5 m.58 28 x 26 26 \(\pi 46 \) 14 x 60 58S 3 m.39 28 x 04 26 \(\pi 31 \) 13 x 18 28 x 36 5 m.07 29 x 00 27 \(\pi 11 \) 13 x 59 29 x 24 6 m.35 29 x 56 27 \(\pi 51 \) 14 x 3 59S 4 m.17 29 x 42 27 \(\pi 41 \) 14 x 601 28 x 55 5 m.47 0 \(\pi 36 \) 28 \(\pi 21 \) 1 \(\pi 31 \) 29 x 56 27 \(\pi 51 \) 14 x 3 60S 4 m.59 1 \(\pi 25 \) 28 \(\pi 54 \) 1 \(\pi 24 \) 6 m.30 2 \(\pi 31 \) 29 \(\pi 32 \) 15 x 24 0 \(\pi 01 \) 8 m.00 3 \(\pi 11 \) 0 x 10 16 x 08 61S 5 m.45 3 \(\pi 14 \) 0 x 10 15 x 30 29 x 34 7 m.17 4 \(\pi 06 \) 0 x 46 16 x 08 0 \(\pi 21 \) 8 m.48 4 \(\pi 57 \) 1 x 23 16 x 4 62S< | 29≈22 29≈38 |
| 588 3 m.39 28 x 04 26 z 31 13 x 18 28 x 36 5 m.07 29 x 00 27 z 11 13 x 59 29 x 24 6 m.35 29 x 56 27 z 51 14 x 3 598 4 m.17 29 x 42 27 z 41 14 x 01 28 x 55 5 m.47 0 z 36 28 z 21 14 x 41 29 x 42 7 m.15 1 z 31 29 z 00 15 x 22 608 4 m.59 1 z 25 28 z 54 14 x 44 29 x 14 6 m.30 2 z 18 29 z 32 15 x 24 0 x 01 8 m.00 3 z 11 0 x 10 16 x 02 61S 5 m.45 3 z 14 0 x 10 15 x 30 29 x 34 7 m.17 4 z 06 0 x 46 16 x 08 0 x 21 8 m.48 4 z 57 1 x 23 16 x 4 62S 6 m.36 5 z 10 1 x 28 16 x 17 29 x 55 8 m.09 6 z 00 2 x 04 16 x 08 0 x 21 8 m.48 4 z 57 1 x 23 16 x 4 63S 7 m.32 7 z 14 2 x 49 17 x 06 | |
| 598 4 m.17 29 x 42 27 3 41 14 x 01 28 x 55 5 m.47 0 3 36 28 3 21 14 x 41 29 x 42 7 m.15 1 3 31 29 300 15 x 2 608 4 m.59 1 3 25 28 3 54 14 x 44 29 x 14 6 m.30 2 3 18 29 3 22 15 x 24 0 x 01 8 m.00 3 3 11 0 x 10 16 x 08 61S 5 m.45 3 3 14 0 x 10 15 x 30 29 x 34 7 m.17 4 306 0 x 46 16 x 08 0 x 21 8 m.48 4 3 57 1 x 23 16 x 4 62S 6 m.36 5 3 10 1 x 28 16 x 17 29 x 55 8 m.09 6 300 2 x 04 16 x 55 0 x 41 9 m.42 6 350 2 x 39 17 x 3 63S 7 m.32 7 3 14 2 x 49 17 x 06 0 x 18 9 m.08 8 302 3 x 24 17 x 43 1 x 03 10 m.42 8 3 49 3 x 58 18 x 2 64S 8 m.36 9 3 25 4 x 13 17 x 57 0 x 41< | |
| 61S 5 m.45 3 € 14 0 ≈ 10 15 ≈ 30 29 ≈ 34 7 m.17 4 € 06 0 ≈ 46 16 ≈ 08 0 ± 21 8 m.48 4 € 57 1 ≈ 23 16 ≈ 44 62S 6 m.36 5 € 10 1 ≈ 28 16 ≈ 17 29 ≈ 55 8 m.09 6 € 30 2 ≈ 04 16 ≈ 55 0 ± 41 9 m.42 6 € 50 2 ≈ 39 17 ≈ 3 63S 7 m.32 7 € 14 2 ≈ 49 17 ≈ 06 0 ± 18 9 m.08 8 € 02 3 ≈ 24 17 ≈ 43 1 ± 03 10 m.42 8 € 49 3 ≈ 58 18 ≈ 2 64S 8 m.36 9 € 25 4 ≈ 13 17 ≈ 57 0 ± 41 10 m.13 10 € 10 4 ≈ 47 18 ≈ 33 1 ± 26 11 m.48 10 € 55 5 ≈ 20 19 ≈ 0 65S 9 m.48 11 € 43 5 ≈ 41 18 ≈ 49 1 ± 05 11 m.27 12 € 26 6 ≈ 13 19 ≈ 25 1 ± 49 13 m.04 13 € 09 6 ≈ 45 20 ≈ 0 | 0 ₩ 30 |
| 62S 6 m 36 5 d 10 1 ≈ 28 16 ≈ 17 29 ≈ 55 8 m 09 6 d 00 2 ≈ 04 16 ≈ 55 0 ± 41 9 m 42 6 d 50 2 ≈ 39 17 ≈ 3 63S 7 m 32 7 d 14 2 ≈ 49 17 ≈ 06 0 ± 18 9 m 08 8 d 02 3 ≈ 24 17 ≈ 43 1 ± 03 10 m 42 8 d 49 3 ≈ 58 18 ≈ 2 64S 8 m 36 9 d 25 4 ≈ 13 17 ≈ 57 0 ± 41 10 m 13 10 d 10 4 ≈ 47 18 ≈ 33 1 ± 26 11 m 48 10 d 55 5 ≈ 20 19 ≈ 0 65S 9 m 48 11 d 43 5 ≈ 41 18 ≈ 49 1 ± 05 11 m 27 12 d 26 6 ≈ 13 19 ≈ 25 1 ± 49 13 m 04 13 d 09 6 ≈ 45 20 ≈ 0 | 0 ¥ 48 |
| 63S 7m.32 7514 2≈49 17≈06 0 ± 18 9m.08 8502 3≈24 17≈43 1±03 10m.42 8549 3≈58 18≈2 64S 8m.36 9525 4≈13 17≈57 0±41 10m.13 10510 4≈47 18≈33 1±26 11m.48 10555 5≈20 19≈0 65S 9m.48 11543 5≈41 18≈49 1±05 11m.27 12526 6≈13 19≈25 1±49 13m.04 13509 6≈45 20≈0 | |
| 64S 8 m.36 9 € 25 4 ≈ 13 17 ≈ 57 0 € 41 10 m.13 10 € 10 4 ≈ 47 18 ≈ 33 1 € 26 11 m.48 10 € 55 5 ≈ 20 19 ≈ 0 65S 9 m.48 11 € 43 5 ≈ 41 18 ≈ 49 1 € 05 11 m.27 12 € 26 6 ≈ 13 19 ≈ 25 1 € 49 13 m.04 13 € 09 6 ≈ 45 20 ≈ 0 | |
| 65S 9m48 11च43 5≈41 18≈49 1∺05 11m27 12च26 6≈13 19≈25 1∺49 13m04 13च09 6≈45 20≈0 | |
| | |
| | |
| pc 12 m.00 15 836 8≈04 20≈16 1 x 45 13 m.42 16 815 8≈34 20≈50 2 x 28 15 m.21 16 853 9≈04 21≈2 | 3 × 12 |

| | Sid.Tir MC: | | 36m A 27'53 | RMC: 1 | 74°00' | Sid.Tir MC: | | 40m A 33'10 | RMC: 1 | 175°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 |
| os | 25 ≏ 53 | 26 m 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≗58 | 26m36 | 24 ₹ 53 | 22중32 | 21≈45 | 27 🖴 02 | 27m34 | 25 ∡ 48 | 23중28 | 22≈46 | 28≏05 | 28 m 33 | 26 ₹ 43 | 24궁25 | 23≈48 |
| 2S | 26 ♀ 04 | 26m.54 | 25 🗷 17 | 22351 | 21≈53 | 27 <u>0</u> 8 | 27 m 52 | 26 ₹ 12 | 23348 | 22≈54 | 28 ₾ 11 | 28 m. 51 | 27 🗷 07 | 24344 | 23≈55 |
| 3S 4S | 26 ♀ 10 26 ♀ 15 | 27 m 12 27 m 30 | 25 ₹41 26 ₹05 | 23중10 23중30 | 22≈00 22≈08 | 27 <u>2</u> 14 27 <u>2</u> 20 | 28 m. 11 28 m. 29 | 26 ₹ 36 27 ₹ 00 | 24궁07 24궁26 | 23≈01 23≈09 | 28 <u>₽</u> 17 28 <u>₽</u> 24 | 29 m 09 29 m 28 | 27 ₹31 27 ₹55 | 25 る 03 25 る 22 | 24≈02 24≈10 |
| - 1 | | | | | | | | | | | | | | | |
| 5S 6S | 26 2 21 26 2 27 | 27 m. 48 28 m. 07 | 26 ₹ 29 26 ₹ 53 | 23궁49 24궁08 | 22≈16 22≈23 | 27 ♀ 26 27 ♀ 32 | 28 m. 47 29 m. 06 | 27 ₹ 24 27 ₹ 48 | 24궁45 25궁04 | 23≈16 23≈24 | 28 <u>a</u> 30 | 29 m.46 0 ≈ 05 | 28 × 19 28 × 43 | 25 궁 41 26 궁 00 | 24≈17 24≈24 |
| 7S | 26 ≘ 27 | 28 m 26 | 20 x 33 | 24 중 27 | 22≈23 22≈31 | 27 ≘ 32 27 ≘ 38 | 29 m 25 | 28 × 12 | 25 공 23 | 23≈24 23≈31 | 28 <u>2</u> 30 | 0 x 03 | 29×43 | 26중18 | 24≈24 24≈32 |
| 8S | 26 - 39 | 28 m 45 | 27 ₹ 41 | 24346 | 22≈39 | 27 <u>₽</u> 44 | 29 m 44 | 28 ₹ 36 | 25841 | 23≈39 | 28 <u>₽</u> 49 | 0×43 | 29 🗷 32 | 26중37 | 24≈39 |
| 9S | 26≗45 | 29 m 04 | 28 ∡ 06 | 25중05 | 22≈46 | 27 🖴 50 | 0 ₹ 03 | 29 ₹ 01 | 26궁00 | 23≈46 | 28₽55 | 1 ₹ 03 | 29 ∡ 56 | 26궁56 | 24≈46 |
| 10S | 26≗51 | 29 m 23 | 28 ₮ 30 | 25중24 | 22≈54 | 27 ≏ 57 | 0 ₹ 23 | 29 ₹ 26 | 26중19 | 23≈54 | 29 ₾ 02 | 1 ₹ 23 | 0중21 | 27ਰ15 | 24≈54 |
| 11S | 26≗57 | 29 m 43 | 28 ₹ 55 | 25중43 | 23≈01 | 28 🖴 03 | 0 ₹ 43 | 29 ₹ 50 | 26궁38 | 24≈01 | 29ჲ09 | 1 ∡ 42 | 0중45 | 27중33 | 25≈01 |
| 12S | 27 <u>0</u> 4 | 0 🗷 03 | 29 🗷 20 | 26중02 | 23≈09 | 28 ₾ 10 | 1 🗷 03 | 0중15 | 26중57 | 24≈09 | 29 ₾ 15 | 2 🗷 03 | 1중10 | 27중52 | 25≈08 |
| 13S 14S | 27 ♀ 10 27 ♀ 17 | 0 ₹ 23 0 ₹ 43 | 29才45 0궁11 | 26중21 26중40 | 23≈17 23≈24 | 28 <u>0</u> 16 | 1 ₹23 1 ₹44 | 0중40 1중06 | 27중16 27중35 | 24≈16 24≈23 | 29 <u>a</u> 22 | 2 x 23 2 x 44 | 1중35 2중01 | 28중11 28중30 | 25≈15 25≈23 |
| - 1 | | | | | | | | | | | | | | | |
| 15S | 27 ≘ 23 | 1 × 04 | 0중36 1중02 | 27る00 27る19 | 23≈32 23≈40 | 28 <u>a</u> 30 | 2 \$7 05 | 1공31 | 27る54 28る13 | 24≈31 24≈38 | 29 △ 36 | 3 × 05 | 2 3 26 | 28궁49 29궁08 | 25≈30 25≈37 |
| 16S 17S | 27 ♀ 30 27 ♀ 37 | 1 ₹ 25 1 ₹ 47 | 1502 1528 | 27 5 19 27 중 38 | 23≈40 23≈47 | 28 <u>2</u> 37 | 2 ₹ 26 2 ₹ 48 | 1중57 2중23 | 28号32 | 24≈38 24≈46 | 29 <u>a</u> 43 | 3 x 26 | 2정52 3정18 | 29등08 29등27 | 25≈37 25≈45 |
| 18S | 27 ⊆ 37 | 2 2 09 | 1355 | 27 공 58 | 23≈55 | 28 <u>2</u> 51 | 3 \$7 10 | 2349 | 28 공 52 | 24≈54 | 29 ₾ 58 | 4 🗷 10 | 3 ਰ 44 | 29정46 | 25≈52 |
| 19S | 27 ≙ 51 | 2 ₹ 31 | 2ਰ21 | 28중17 | 24≈03 | 28 ≏ 58 | 3 ₹ 32 | 3ਵ16 | 29ਫ11 | 25≈01 | 0 m 06 | 4 ₹ 33 | 4ਰ11 | 0≈05 | 26≈00 |
| 20S | 27≗58 | 2 ₹ 54 | 2548 | 28중37 | 24≈11 | 29ჲ06 | 3 ₹ 55 | 3ব43 | 29중31 | 25≈09 | 0 m. 13 | 4 <i>≯</i> 56 | 4궁37 | 0≈24 | 26≈07 |
| 21S | 28ჲ05 | 3 ₹ 17 | 3중16 | 28궁57 | 24≈19 | 29 ₾ 13 | 4 ₹ 18 | 4궁10 | 29궁50 | 25≈17 | 0m21 | 5 <i>≱</i> 19 | 5중04 | 0≈44 | 26≈15 |
| 22S | 28 ₾ 13 | 3 ₹ 41 | 3중43 | 29중17 | 24≈27 | 29 ₾ 21 | 4 ₹ 42 | 4중38 | 0≈10 | 25≈24 | 0m29 | 5 × 43 | 5중32 | 1≈03 | 26≈22 |
| 23S 24S | 28 ♀ 21 28 ♀ 29 | 4 ₹ 05 4 ₹ 29 | 4궁11 4궁40 | 29중37 29중57 | 24≈35 24≈43 | 29 <u>a</u> 29 | 5 \$\sigma 06 \\ 5 \$\sigma 31 \end{array} | 5 3 4 | 0≈30 0≈50 | 25≈32 25≈40 | 0m.38 | 6 x 07 6 x 32 | 6 궁 00 6 궁 28 | 1≈23 | 26≈30 26≈38 |
| | | | | | | | | | | | 0 m. 46 | | | 1≈43 | |
| 25S | 28 ♀ 37 28 ♀ 45 | 4×755 | 5 궁 08 | 0≈17 | 24≈51 24×50 | 29 ₾ 46 | 5 × 56 | 6 3 02 | 1≈10 | 25≈48 | 0 m 55 | 6×158 | 6 궁 56 | 2≈03 | 26≈45 |
| 26S 27S | 28 <u>a</u> 53 | 5 ₹ 20 5 ₹ 47 | 5 궁 38 6 궁 07 | 0≈38 0≈59 | 24≈59 25≈07 | 29 a 54 0 m 03 | 6 x 22 6 x 49 | 6 궁 31 7 궁 01 | 1≈31 1≈51 | 25≈56 26≈04 | 1 m. 04 1 m. 13 | 7 ヹ 24 7 ヹ 50 | 7 3 25 7 3 54 | 2≈23 2≈43 | 26≈53 27≈01 |
| 28S | 29 ₾ 02 | 6 2 14 | 6 ප 37 | 1≈20 | 25≈16 | 0 m 12 | 7×16 | 7 3 31 | 2≈12 | 26≈12 | 1 m 22 | 8 7 18 | 8 공 24 | 3≈04 | 27≈09 |
| 29S | 29 🕰 11 | 6 ₹ 42 | 7云08 | 1≈41 | 25≈24 | 0 m 22 | 7 ₹ 44 | 8중01 | 2≈33 | 26≈21 | 1 m. 32 | 8 ₹ 46 | 8궁54 | 3≈25 | 27≈17 |
| 30S | 29 2 20 | 7∡10 | 7云39 | 2≈03 | 25≈33 | 0 m. 31 | 8 ~ 13 | 8중32 | 2≈54 | 26≈29 | 1 m.41 | 9 🗷 14 | 9る25 | 3≈46 | 27≈25 |
| 31S | 29≗30 | 7 ₹ 40 | 8중11 | 2≈25 | 25≈42 | 0m41 | 8 ₹ 42 | 9 3 04 | 3≈16 | 26≈38 | 1 m 52 | 9 ₹ 44 | 9 궁 57 | 4≈07 | 27≈34 |
| 32S | 29 △ 40 | 8×10 | 8중43 | 2≈47 | 25≈51 | 0m.51 | 9 🗷 12 | 9 궁 36 | 3≈38 | 26≈46 | 2 m. 02 | 10 ₹ 14 | 10중28 | 4≈29 | 27≈42 |
| 33S | 29 <u>a</u> 50 | 8 x 41 9 x 13 | 9중16 | 3≈09 | 25≈59 | 1 m. 02 | 9 🗷 43 | 10궁09 | 4≈00 | 26≈55 | 2m.13 | 10 🗷 45 | 11301 | 4≈51 5 12 | 27≈51 |
| 348 | 0m.01 | | 9중50 | 3≈32 | 26≈09 | 1 m. 13 | 10 🗷 15 | 10342 | 4≈22 | 27≈04 | 2 m. 24 | 11 🗷 17 | 11334 | 5≈13 | 27≈59 |
| 35S | 0m.11 | 9 \$7 46 | 10324 | 3≈55 | 26≈18 | 1 m. 24 | 10 🗷 48 | 11316 | 4≈45 | 27≈13 | 2m.36 | 11 \$750 | 12308 | 5 ≈ 35 | 28≈08 28≈17 |
| 36S 37S | 0m.23 0m.34 | 10 x 20 10 x 55 | 10궁59 11궁35 | 4≈18 4≈42 | 26≈27 26≈37 | 1 m 35 1 m 47 | 11 x 22 11 x 58 | 11궁51 12궁26 | 5≈08 5≈32 | 27≈22 27≈31 | 2 m. 48 3 m. 00 | 12 × 24 13 × 00 | 12 3 42 13 3 17 | 5≈58 6≈21 | 28≈26 |
| 38S | | 11 🗷 32 | | 5≈06 | | | | 13 공 02 | 1 | 27≈41 | | 13 🗷 36 | | | 28≈35 |
| 39S | 0m.59 | 12 ₹ 09 | 12ਰ48 | 5≈31 | 26≈56 | 2 m 13 | 13 ₹ 12 | 13중39 | 6≈20 | 27≈51 | 3 m 26 | 14 ₹ 13 | 14중30 | 7≈09 | 28≈45 |
| 40S | 1 m 12 | 12 ~ 48 | 13궁27 | 5≈56 | 27≈06 | 2 m 27 | 13 ₹ 51 | 14궁17 | 6≈45 | 28≈00 | 3 m. 40 | 14 ₹ 52 | 15중07 | 7≈33 | 28≈54 |
| 41S | 1 m 26 | 13 ₹ 29 | 14궁06 | 6≈21 | 27≈17 | 2 m 41 | 14 ₹ 31 | 14궁56 | 7≈10 | 28≈10 | 3 m 55 | 15 ₹ 33 | 15중46 | 7≈58 | 29≈04 |
| 42S | 1 m.40 | 14 🗷 11 | 14궁46 | 6≈47 | 27≈27 | 2 m 55 | 15 🗷 13 | 15중36 | 7≈35 | 28≈21 | 4m.10 | 16×14 | 16중25 | 8≈24 | 29≈14 |
| 438 | 1 m.55 | 14 🗷 54 | 15327 | 7≈14 | 27≈38 | 3 m 11 | 15 \$7 56 | 16316 | 8≈02 828 | 28≈31 | 4 m. 26 | 16 🗷 58 | 17 る 06 | 8 ≈ 49 | 29≈24 |
| 44S | 2m.11 | 15 \$7 40 | 16궁09 | 7≈41 | 27≈49 | 3 m. 27 | 16 🗷 42 | 16궁58 | 8≈28 | 28≈42 | 4 m. 43 | 17 🗷 43 | 17347 | 9≈16 | 29≈35 |
| 45S 46S | 2 m. 27 2 m. 45 | 16 ₹ 27 17 ₹ 17 | 16궁53 17궁37 | 8≈09 8≈37 | 28≈00 28≈12 | 3 m. 44 4 m. 02 | 17 ₹ 29 18 ₹ 18 | 17중41 18중25 | 8≈56 9≈24 | 28≈53 29≈04 | 5 m 00 | 18 ₹30 19 ₹19 | 18 군 29 19 군 13 | 9≈43 10≈10 | 29≈46 29≈56 |
| 46S 47S | 3 m 03 | 18 \$7 08 | 17637 18 云 23 | 8≈37 9≈06 | 28≈12 28≈24 | 4 m 21 | 19 \$7 18 | 18 5 23 | 9≈24 9≈52 | 29≈04 29≈16 | 5 m 19 5 m 38 | 20 \$\sigma 10 | 19813 | 10≈10 10≈38 | 0 ± 08 |
| 48S | 3 m 22 | 19 ₹ 02 | 19중10 | 9≈36 | 28≈36 | 4m.41 | 20 \$\sigma 03\$ | 19857 | 10≈21 | 29≈28 | 5m.58 | 21 🗷 03 | 20344 | 11≈07 | 0 × 19 |
| 49S | 3 m.43 | 19∡58 | 19궁59 | 10≈06 | 28≈48 | 5 m 02 | 20 ₮ 59 | 20중45 | 10≈51 | 29≈40 | 6m.20 | 21 ∡ 58 | 21중31 | 11≈37 | 0¥31 |
| 50S | 4m.04 | 20 ₹ 57 | 20궁49 | 10≈37 | 29≈01 | 5 m 24 | 21 ₹ 57 | 21중35 | 11≈22 | 29≈52 | 6m.43 | 22 ₹ 57 | 22중20 | 12≈07 | 0 X 43 |
| 51S | 4m27 | 21 ₹ 59 | 21궁40 | 11≈09 | 29≈14 | 5 m 48 | 22 ₹ 58 | 22325 | 11≈53 | 0 X 05 | 7m.07 | 23 ₹ 57 | 23중11 | 12≈38 | 0 X 56 |
| 52S | 4 m 52 | 23 🗷 04 | 22333 | 11≈42 | 29≈28 | 6m.13 | 24 🗷 03 | 23중18 | 12≈26 | 0 × 18 | 7 m 33 | 25 🗷 01 | 24중02 | 13≈10 | 1 × 09 |
| 53S 54S | 5m.18 5m.46 | 24 x 12 25 x 23 | 23중28 24중25 | 12≈16 12≈50 | 29≈42 29≈56 | 6 m. 40 7 m. 09 | 25 ₹ 10 26 ₹ 21 | 24궁12 25궁08 | 12≈59 13≈33 | 0 X 32 0 X 46 | 8m.01 8m.30 | 26 ₹ 08 27 ₹ 18 | 24궁56 25궁51 | 13≈42 14≈16 | 1 X 22 1 X 36 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 6m.16 6m.49 | 26 ₹ 39 27 ₹ 58 | 25중23 26중24 | 13≈26 14≈03 | 0 X 11 0 X 27 | 7 m 39 8 m 13 | 27 ₹ 36 28 ₹ 54 | 26 궁 06 27 궁 05 | 14≈08 14≈45 | 1 X 01 1 X 16 | 9m.02 9m.36 | 28 x 32 29 x 50 | 26중48 27중47 | 14≈51 15≈26 | 1 X 50 2 X 05 |
| 57S | | 27 x 38 29 x 22 | 20 8 24 27 공 27 | 14≈03 14≈41 | 0 X 27 | 8 m. 49 | 0중17 | 28 공 07 | 15≈22 | 1 X 10 | 10 m 13 | 1중12 | 28 云 48 | 15≈20 | 2 X 20 |
| 58S | / IIL 24 | | 28중31 | 15≈20 | 1 ¥ 00 | 9 m 28 | 1345 | 29궁11 | 16≈00 | 1 X 48 | 10 m 53 | 2중38 | 29궁51 | 16≈41 | 2 × 36 |
| 20D | 7 m. 24 8 m. 02 | 0중51 | 20031 | | | 10 m. 10 | 3ਰ17 | 0≈17 | 16≈40 | 2 ¥ 05 | 11 m.36 | 4궁09 | 0≈56 | 17≈20 | 2 ¥ 52 |
| 59S | | 0중51 2중24 | 29중38 | 16≈00 | 1 X 17 | 1011010 | | | 1 | 1 | | | | | 1 |
| | 8m02 | | | 16≈00 16≈42 | 1 X 17 | 10 m 56 | 4공54 | 1≈26 | 17∞21 | 2 × 22 | 12 m 23 | 5ਰ45 | 2≈04 | 18≈01 | 3 × 09 |
| 59S | 8m.02 8m.43 9m.29 10m.18 | 2중24 4중03 5중48 | 29⋜38 0≈48 2≈00 | 16≈42 17≈26 | 1 X 35 1 X 54 | 10 m 56 11 m 47 | 6중37 | 2≈37 | 18≈04 | 2 ¥ 40 | 13 m 15 | 7る27 | 3≈13 | 18≈42 | 3 ∺ 27 |
| 59S 60S 61S 62S | 8 m. 02 8 m. 43 9 m. 29 10 m. 18 11 m. 13 | 2524 4503 5548 7538 | 29⋜38 0≈48 2≈00 3≈15 | 16≈42 17≈26 18≈10 | 1 ¥ 35 1 ¥ 54 2 ¥ 13 | 10 m.56 11 m.47 12 m.43 | 6중37 8중26 | 2≈37 3≈50 | 18≈04 18≈48 | 2 × 40 2 × 59 | 13 m 15 14 m 12 | 7중27 9중14 | 3≈13 4≈26 | 18≈42 19≈26 | 3 × 27 3 × 45 |
| 59S 60S 61S 62S 63S | 8 m. 02 8 m. 43 9 m. 29 10 m. 18 11 m. 13 12 m. 14 | 2중24 4중03 5중48 7중38 9중35 | 29♂38 0≈48 2≈00 3≈15 4≈32 | 16≈42 17≈26 18≈10 18≈57 | 1 \times 35 1 \times 54 2 \times 13 2 \times 34 | 10 m.56 11 m.47 12 m.43 13 m.46 | 6 궁 37 8 궁 26 10 궁 21 | 2≈37 3≈50 5≈07 | 18≈04 18≈48 19≈34 | 2 \times 40 2 \times 59 3 \times 19 | 13 m 15 14 m 12 15 m 16 | 7궁27 9궁14 11궁07 | 3≈13 4≈26 5≈41 | 18≈42 19≈26 20≈11 | 3 ★ 27 3 ★ 45 4 ★ 05 |
| 59S 60S 61S 62S 63S 64S | 8 m. 02 8 m. 43 9 m. 29 10 m. 18 11 m. 13 12 m. 14 13 m. 22 | 2정24 4정03 5정48 7정38 9정35 11정39 | 29♂38 0≈48 2≈00 3≈15 4≈32 5≈53 | 16≈42 17≈26 18≈10 18≈57 19≈45 | 1 \(\pm 35\) 1 \(\pm 54\) 2 \(\pm 13\) 2 \(\pm 34\) 2 \(\pm 55\) | 10 m.56 11 m.47 12 m.43 13 m.46 14 m.55 | 6 궁 37 8 궁 26 10 궁 21 12 궁 23 | 2≈37 3≈50 5≈07 6≈26 | 18≈04 18≈48 19≈34 20≈21 | 2 \(\pm\) 40 2 \(\pm\) 59 3 \(\pm\) 19 3 \(\pm\) 40 | 13 m.15 14 m.12 15 m.16 16 m.26 | 7527 9514 11507 13507 | 3≈13 4≈26 5≈41 6≈59 | 18≈42 19≈26 20≈11 20≈57 | 3 \times 27 3 \times 45 4 \times 05 4 \times 25 |
| 59S 60S 61S 62S 63S 64S 65S | 8 m. 02 8 m. 43 9 m. 29 10 m. 18 11 m. 13 12 m. 14 13 m. 22 14 m. 39 | 2324 4303 5348 7338 9335 11339 13351 | 29♂38 0≈48 2≈00 3≈15 4≈32 5≈53 7≈16 | 16≈42 17≈26 18≈10 18≈57 19≈45 20≈35 | 1 \(\text{35} \) 1 \(\text{54} \) 2 \(\text{13} \) 2 \(\text{2} \text{34} \) 2 \(\text{55} \) 3 \(\text{18} \) | 10 m.56 11 m.47 12 m.43 13 m.46 14 m.55 16 m.13 | 6중37 8중26 10중21 12중23 14중32 | 2≈37 3≈50 5≈07 6≈26 7≈48 | 18≈04 18≈48 19≈34 20≈21 21≈10 | 2 \(\dagger 40 \) 2 \(\dagger 59 \) 3 \(\dagger 19 \) 3 \(\dagger 40 \) 4 \(\dagger 02 \) | 13 m 15 14 m 12 15 m 16 16 m 26 17 m 45 | 7527 9514 11507 13507 15513 | 3≈13 4≈26 5≈41 6≈59 8≈20 | 18≈42 19≈26 20≈11 20≈57 21≈46 | 3 \(\cepsilon 27\) 3 \(\cepsilon 45\) 4 \(\cepsilon 05\) 4 \(\cepsilon 25\) 4 \(\cepsilon 46\) |
| 59S 60S 61S 62S 63S 64S | 8 m. 02 8 m. 43 9 m. 29 10 m. 18 11 m. 13 12 m. 14 13 m. 22 | 2정24 4정03 5정48 7정38 9정35 11정39 | 29♂38 0≈48 2≈00 3≈15 4≈32 5≈53 | 16≈42 17≈26 18≈10 18≈57 19≈45 | 1 \(\pm 35\) 1 \(\pm 54\) 2 \(\pm 13\) 2 \(\pm 34\) 2 \(\pm 55\) | 10 m.56 11 m.47 12 m.43 13 m.46 14 m.55 | 6 궁 37 8 궁 26 10 궁 21 12 궁 23 | 2≈37 3≈50 5≈07 6≈26 | 18≈04 18≈48 19≈34 20≈21 | 2 \(\pm\) 40 2 \(\pm\) 59 3 \(\pm\) 19 3 \(\pm\) 40 | 13 m.15 14 m.12 15 m.16 16 m.26 | 7527 9514 11507 13507 | 3≈13 4≈26 5≈41 6≈59 | 18≈42 19≈26 20≈11 20≈57 | 3 \times 27 3 \times 45 4 \times 05 4 \times 25 |

| | Sid.Tir MC: | | 48m A 43'51 | RMC: 1 | 77°00' | Sid.Tin MC: | | 52m A 49'13 | RMC: 1 | 178°00' | Sid.Tir MC: | | 56m A 54'36 | RMC: 1 | 79°00' |
|------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|--|----------------------|----------------------------------|----------------------------------|----------------------------------|--|----------------------|----------------------------------|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 29 ♀ 02 | 29 m 12 | 27 ∡ 14 | 25중03 | 24≈42 | 0 m 05 | 0∡10 | 28 ∡ 09 | 26중00 | 25≈44 | 1 m 08 | 1 ₹ 07 | 29 ₮ 04 | 26중57 | 26≈46 |
| 18 | 29 ₾ 08 | 29 m 31 | 27 ₹ 38 | 25중22 | 24≈49 | 0 m 12 | 0 ₹ 28 | 28 ₹ 33 | 26중19 | 25≈51 | 1 m 14 | 1 ₹ 26 | 29 ₹ 28 | 27중16 | 26≈53 |
| 2S 3S | 29 □ 15 29 □ 21 | 29 m 49 0 ≈ 07 | 28 ∡ 02 28 ∡ 26 | 25 궁 41 26 궁 00 | 24≈57 25≈04 | 0 m 18 0 m 25 | 0 ∡ 47 1 ∡ 06 | 28 ∡ 57 29 ∡ 21 | 26궁37 26궁56 | 25≈58 26≈05 | 1 m.21 1 m.28 | 1 ₹ 45 2 ₹ 04 | 29才52 0궁16 | 27중34 27중53 | 27≈00 27≈07 |
| 4S | 29 2 27 | 0x·07 0x126 | 28 × 20 28 × 50 | 26중18 | 25≈04 25≈11 | 0 m 31 | 1 x · 00 | 29 x 45 | 27중15 | 26≈03 26≈12 | 1 m 35 | 2 x · 04 2 x · 22 | 0310 | 28 공 11 | 27≈07 27≈14 |
| 5S | 29 ₾ 34 | 0×145 | 29 🗷 14 | 26중37 | 25≈18 | 0 m. 38 | 1 🗷 43 | 0중09 | 27중33 | 26≈19 | 1 m. 41 | 2 × 42 | 1중04 | 28중30 | 27≈21 |
| 6S | 29 △ 40 | 1 🗷 04 | 29 🗷 38 | 26궁56 | 25≈25 | 0 m. 44 | 2 × 02 | 0중33 | 27 공 52 | 26≈26 | 1 m. 48 | 3 🗷 01 | 1328 | 28 공 48 | 27≈27 |
| 7S | 29≗47 | 1 ₹ 23 | 0중02 | 27중14 | 25≈32 | 0m.51 | 2 ₹ 22 | 0중57 | 28중10 | 26≈33 | 1 m 55 | 3 ₹ 20 | 1중52 | 29중06 | 27≈34 |
| 8S | 29 ₾ 53 | 1 🗷 42 | 0중27 | 27중33 | 25≈40 | 0m.58 | 2×41 | 1322 | 28329 | 26≈40 | 2 m 02 | 3 ₹ 40 | 2중17 | 29궁25 | 27≈41 |
| 9S | 0 m 00 | 2 ₹ 02 | 0중51 | 27중51 | 25≈47 | 1 m 05 | 3 ₹ 01 | 1중46 | 28중47 | 26≈47 | 2 m 09 | 4 ₹ 00 | 2중41 | 29중43 | 27≈48 |
| 10S | 0m.07 | 2 ₹ 22 2 ₹ 42 | 1중16 1중40 | 28 궁 10 28 궁 29 | 25≈54 | 1 m 12 | 3×21 | 2정11 2정35 | 29 궁 06 29 궁 24 | 26≈54 | 2m.17 | 4 × 20 | 3 ଟ 05 3 ଟ 30 | 0≈01 0×10 | 27≈54 28≈01 |
| 11S 12S | 0m.14 0m.21 | 3 × 02 | 2 5 05 | 28 3 47 | 26≈01 26≈08 | 1 m 19 1 m 26 | 3 ₹ 41 4 ₹ 02 | 2 6 33 3 중 00 | 29 5 24 29 중 42 | 27≈01 27≈08 | 2 m. 24 2 m. 31 | 4 ₹ 40 5 ₹ 01 | 3 ~ 55 | 0≈19 0≈38 | 28≈08 28≈08 |
| 13S | 0m28 | 3 × 02 | 2 ප 30 | 29중06 | 26≈15 | 1 m. 33 | 4×122 | 3 ਰ 25 | 0≈01 | 27≈15 | 2 m 39 | 5 x 22 | 4 3 20 | 0≈56 | 28≈15 |
| 14S | 0m35 | 3 ∡ 44 | 2중55 | 29중25 | 26≈22 | 1 m.41 | 4 ≉ 43 | 3궁50 | 0≈19 | 27≈22 | 2 m. 46 | 5 ₹ 43 | 4중45 | 1≈14 | 28≈21 |
| 15S | 0m42 | 4 ₹ 05 | 3ਰ21 | 29궁43 | 26≈29 | 1 m.48 | 5 ₹ 05 | 4궁16 | 0≈38 | 27≈29 | 2 m 54 | 6 ₹ 04 | 5궁10 | 1≈33 | 28≈28 |
| 16S | 0m.50 | 4×27 | 3847 | 0≈02 | 26≈36 | 1 m 56 | 5 ₹ 26 | 4 공 41 | 0≈57 | 27≈36 | 3 m. 02 | 6×26 | 5중36 | 1≈51 | 28≈35 |
| 17S 18S | 0m.57 1m.05 | 4 ₹ 48 5 ₹ 11 | 4정12 4정39 | 0≈21 0≈40 | 26≈44 26≈51 | 2 m 04 2 m 12 | 5∡48 6∡11 | 5 전 07 5 전 33 | 1≈15 1≈34 | 27≈43 27≈50 | 3 m. 10 3 m. 18 | 6 ₹ 48 7 ₹ 11 | 6 궁 01 6 궁 27 | 2≈10 2≈28 | 28≈42 28≈49 |
| 19S | 1 m 13 | 5 x 33 | 5정05 | 0≈40 0≈59 | 26≈58 | 2 m 20 | 6×11 | 5 공 59 | 1≈54 | 27≈50 27≈57 | 3 m 26 | 7 x · 11 | 6 공 53 | 2≈28 2≈47 | 28≈56 |
| 20S | 1 m 21 | 5×156 | 5중32 | 1≈18 | 27≈05 | 2 m. 28 | 6 <i>≱</i> 57 | 6궁26 | 2≈12 | 28≈04 | 3 m. 35 | 7 × 57 | 7중20 | 3≈06 | 29≈02 |
| 21S | 1 m 29 | 6₹20 | 5중59 | 1≈37 | 27≈13 | 2 m 36 | 7 ₹ 20 | 6중53 | 2≈31 | 28≈11 | 3 m. 43 | 8 ₹ 20 | 7 3 20 | 3≈24 | 29≈09 |
| 22S | 1 m 37 | 6 ≯ 44 | 6궁26 | 1≈57 | 27≈20 | 2 m. 45 | 7 ₹ 44 | 7る20 | 2≈50 | 28≈18 | 3 m. 52 | 8 * 44 | 8중14 | 3≈43 | 29≈16 |
| 23S 24S | 1 m.46 1 m.54 | 7 ₹ 08 7 ₹ 33 | 6 궁 53 7 궁 21 | 2≈16 2≈36 | 27≈28 27≈35 | 2 m 54 3 m 03 | 8 ₹ 09 8 ₹ 34 | 7 당 47 8 당 15 | 3≈09 3≈29 | 28≈26 28≈33 | 4m.01 4m.10 | 9 ₹ 09 9 ₹ 34 | 8 궁 41 9 궁 09 | 4≈02 4≈22 | 29≈23 29≈31 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 2m.03 2m.12 | 7 ₹ 59 8 ₹ 25 | 7 さ 50 8 さ 19 | 2≈56 3≈16 | 27≈43 27≈50 | 3 m 12 3 m 21 | 8 ₹ 59 9 ₹ 26 | 8 정 43 9 정 12 | 3≈48 4≈08 | 28≈40 28≈48 | 4 m. 20 4 m. 29 | 10 ₹ 00 10 ₹ 26 | 9 3 37 10 る 05 | 4≈41 5≈01 | 29≈38 29≈45 |
| 27S | 2 m 22 | 8 × 52 | 8 3 48 | 3≈36 | 27≈58 | 3 m. 31 | 9×152 | 9 3 41 | 4≈28 | 28≈55 | 4m.39 | 10 \$\times 53 | 10명34 | 5≈20 | 29≈52 |
| 28S | 2m31 | 9∡19 | 9궁17 | 3≈56 | 28≈06 | 3 m.41 | 10∡20 | 10궁10 | 4≈48 | 29≈03 | 4m49 | 11 ₹ 20 | 11중03 | 5≈40 | 0 X 00 |
| 29S | 2m41 | 9 ₹ 47 | 9 る 47 | 4≈17 | 28≈14 | 3 m 51 | 10∡48 | 10중40 | 5≈08 | 29≈10 | 5m.00 | 11 ₹ 48 | 11중33 | 6≈00 | 0 X 07 |
| 30S | 2 m 52 | 10 🗷 16 | 10궁18 | 4≈37 | 28≈22 | 4m01 | 11 🗷 17 | 11511 | 5≈29 | 29≈18 | 5m.11 | 12 ₹ 17 | 12중03 | 6≈21 | 0 × 15 |
| 31S 32S | 3 m. 02 3 m. 13 | 10 ₹ 45 11 ₹ 15 | 10る49 11る21 | 4≈59 5≈20 | 28≈30 28≈38 | 4 m 12 4 m 23 | 11 ∡ 46 12 ∡ 16 | 11る42 12る13 | 5≈50 6≈11 | 29≈26 29≈34 | 5 m. 22 5 m. 33 | 12 ₹ 47 13 ₹ 17 | 12 3 34 13 る 05 | 6≈41 7≈02 | 0 ¥ 22 0 ¥ 30 |
| 33S | 3 m 24 | 11 🗷 47 | 11853 | 5≈41 | 28≈46 | 4 m 35 | 12×10 | 12 日 13 | 6≈32 | 29≈42 | 5 m 45 | 13×17 | 13 급 37 | 7≈02 7≈23 | 0 X 38 |
| 34S | 3 m 35 | 12 ₹ 19 | 12궁26 | 6≈03 | 28≈55 | 4 m 46 | 13 ∡ 20 | 13중18 | 6≈54 | 29≈50 | 5 m 57 | 14 ∡ 20 | 14궁09 | 7≈44 | 0 ₩ 46 |
| 35S | 3 m.47 | 12 ₹ 52 | 12る59 | 6≈26 | 29≈03 | 4 m 59 | 13 ₹ 53 | 13중51 | 7≈16 | 29≈59 | 6m.10 | 14 ∡ 53 | 14궁42 | 8≈06 | 0 X 54 |
| 36S | 4m.00 | 13 ₹ 26 | 13834 | 6≈48 | 29≈12 | 5 m 11 | 14 ₹ 27 | 14궁25 | 7≈38 | 0 × 07 | 6m.23 | 15 ₹ 27 | 15중16 | 8≈28 | 1 X 02 |
| 37S 38S | 4m.13 | 14 ₹ 01 14 ₹ 37 | 14 る 08 | 7≈11 | 29≈21 29≈30 | 5 m 24 | 15×102 | 14궁59 15궁35 | 8≈01 8≈24 | 0 × 16 0 × 25 | 6m36 | 16 ₹ 02 16 ₹ 39 | 15 궁 50 | 8≈50 9≈13 | 1 X 11 1 X 19 |
| 39S | 4 m 40 | 15 🗷 15 | 15 3 20 | 7≈54 7≈58 | 29≈30 | 5 m 52 | 16 🖈 16 | 16중11 | 8≈24 | 0 X 23 | 7 m 05 | 17×16 | 10823 17 공 01 | 9≈36 | 1 X 28 |
| 40S | 4 m 54 | 15 ₹ 54 | 15중58 | 8≈22 | 29≈48 | 6m.07 | 16∡54 | 16중48 | 9≈11 | 0 ★ 43 | 7 m 20 | 17 <i>≱</i> 55 | 17ਰ37 | 9≈59 | 1 X 37 |
| 41S | 5m09 | 16 🗷 34 | 16중36 | 8≈47 | 29≈58 | 6 m 22 | 17×34 | 17 공 25 | 9≈35 | 0 X 52 | 7 m 35 | 18 🗷 35 | 18315 | 10≈23 | 1 X 46 |
| 42S | 5 m 25 | 17 <i>≱</i> 15 | 17궁15 | 9≈12 | 0 ∺ 08 | 6m38 | 18 ∡ 16 | 18궁04 | 10≈00 | 1 X 01 | 7 m 52 | 19∡16 | 18궁53 | 10≈48 | 1 X 55 |
| 43S | 5m41 | 17 🗷 59 | 17 る 55 | 9≈37 | 0 X 18 | 6m.55 | 18 🗷 59 | 18843 | 10≈25 | 1 X 11 | 8m.09 | 19 🛪 59 | 19중32 | 11 ≈ 12 | 2 × 04 |
| 448 | 5 m 58 | 18 🗷 44 | 18중36 | 10≈03 | 0 X 28 | 7 m 13 | 19 🗷 44 | 19324 | 10≈50 | 1 X 21 | 8 m. 27 | 20 🗷 43 | 20중12 | 11≈38 | 2 X 14 |
| 45S 46S | 6m.16 6m.35 | 19 ₹ 30 20 ₹ 19 | 19궁18 20궁01 | 10≈30 10≈57 | 0 X 38 0 X 49 | 7 m 31 7 m 51 | 20 ₹ 30 21 ₹ 19 | 20중06 20중48 | 11≈16 11≈43 | 1 X 31 1 X 41 | 8m.46 9m.06 | 21 ∡ 30 22 ∡ 18 | 20 궁 53 21 궁 36 | 12≈03 12≈30 | 2 ¥ 24 2 ¥ 34 |
| 47S | 6m.55 | 21 × 10 | 20중45 | 11≈24 | 1 × 00 | 8 m. 11 | 22 ₹ 09 | 21중32 | 12≈11 | 1 X 52 | 9 m 27 | 23 ₹ 08 | 22중19 | 12≈57 | 2 X 44 |
| 48S | 7m.16 | 22 🗷 03 | 21중31 | 11≈53 | 1 X 11 | 8 m. 32 | 23 🗷 02 | 22중17 | 12≈38 | 2 × 03 | 9m.48 | 24×100 | 23중03 | 13≈24 | 2 X 55 |
| 49S | 7m38 | 22 ₹ 58 | 22중18 | 12≈22 | 1 ₩ 23 | 8 m 55 | 23 ₹ 56 | 23중03 | 13≈07 | 2 ₩ 14 | 10 m 12 | 24 ₹ 54 | 23궁49 | 13≈52 | 3 X 06 |
| 50S | 8m.01 | 23 🗷 55 | 23궁06 | 12≈52 | 1 X 34 | 9m.19 | 24 × 54 | 23중51 | 13≈36 | 2 ¥ 26 | 10m36 | 25 × 51 | 24중36 | 14≈21 | 3 X 17 |
| 51S 52S | 8m.26 8m.53 | 24 ₹ 56 25 ₹ 59 | 23궁55 24궁47 | 13≈22 13≈54 | 1 X 47 1 X 59 | 9 m. 44 10 m. 12 | 25 ₹ 54 26 ₹ 56 | 24 궁 40 25 궁 31 | 14≈07 14≈37 | 2 X 37 2 X 50 | 11 m.02 11 m.30 | 26 ₹ 51 27 ₹ 53 | 25 궁 25 26 궁 15 | 14≈51 15≈21 | 3 X 28 3 X 40 |
| 53S | 9m21 | 23 × 39 27 × 05 | 25중39 | 13≈34 | 2 X 12 | 10 m 40 | 28 × 02 | 23 5 31 26 중 23 | 14≈37 | 3 X 02 | 11 m 59 | 28 × 58 | 20 5 13 27 중 06 | 15≈52 | 3 X 40 |
| 54S | 9m.51 | 28 ∡ 15 | 26궁34 | 14≈59 | 2 ¥ 25 | 11 m 11 | 29 ₹ 11 | 27중17 | 15≈42 | 3 ¥ 15 | 12m31 | 0중06 | 27궁59 | 16≈24 | 4 ¥ 05 |
| 55S | 10 m 23 | 29 ₹ 28 | 27중30 | 15≈33 | 2 X 39 | 11 m.44 | 0중23 | 28중12 | 16≈15 | 3 ¥ 29 | 13 m 04 | 1중17 | 28궁54 | 16≈57 | 4 ∺ 18 |
| 56S | 10m.58 | 0중45 | 28云28 | 16≈08 | 2 × 54 | 12 m 20 | 1중39 | 29중09 | 16≈50 | 3 × 42 | 13 m. 41 | 2중33 | 29궁50 | 17≈31 | 4¥31 |
| 57S 58S | 11 m. 36 12 m. 17 | 2 3 06 3 3 31 | 29⋜28 0≈30 | 16≈44 17≈21 | 3 ¥ 08 3 ¥ 24 | 12 m.58 13 m.40 | 2정59 4정23 | 0≈09 1≈10 | 17≈25 18≈02 | 3 X 57 4 X 12 | 14 m. 20 15 m. 02 | 3정51 5정14 | 0≈49 1≈49 | 18≈06 18≈42 | 4 ¥ 45 5 ¥ 00 |
| 59S | 12 IL 17 | 5중01 | 1≈35 | 17≈21 | 3 X 24 | 13 IIL40 14 IL 25 | 5 군 51 | 1≈10 2≈13 | 18≈40 | 4 X 12 4 X 27 | 15 m. 48 | 5 6 14 | 2≈51 | 18≈42 | 5 X 15 |
| 60S | 13 m.49 | 6중35 | 2≈41 | 18≈40 | 3 X 56 | 15 m 14 | 7ਰ25 | 3≈19 | 19≈19 | 4 × 43 | 16m.37 | 8중14 | 3≈56 | 19≈58 | 5 X 30 |
| 61S | 14m.42 | 8중15 | 3≈50 | 19≈21 | 4 X 13 | 16m.07 | 9중03 | 4≈27 | 19≈59 | 5 ¥ 00 | 17m.32 | 9중51 | 5≈03 | 20≈38 | 5 X 47 |
| 62S | 15 m. 40 | 10중01 | 5≈01 | 20≈04 | 4 ∺ 31 | 17m.06 | 10중47 | 5≈37 | 20≈41 | 5 × 18 | 18m.32 | 11중33 | 6≈12 | 21≈19 | 6¥04 |
| 63S | 16m44 | 11352 | 6≈15 | 20≈48 21≈34 | 4 X 50 | 18 m 12 | 12 る 37 | 6≈50 8005 | 21≈25 22≈10 | 5 X 36 | 19 m 38 | 13 공 21 | 7≈24 | 22≈02 22≈46 | 6¥21 |
| 64S | 17m.56 | 13 궁 50 | 7≈32 | 21≈34 2221 | 5 X 10 | 19 m. 24 | 14 궁 32 | 8≈05 | 22≈10 22≈56 | 5 X 55 | 20 m.51 | 15 공 15 | 8≈38 056 | | 6 X 40 |
| 65S 66S | 19m.15 20m.45 | 15중54 18중05 | 8≈52 10≈15 | 22≈21 23≈10 | 5 X 30 5 X 52 | 20 m. 45 22 m. 15 | 16 궁 35 18 궁 43 | 9≈24 10≈45 | 22≈56 23≈45 | 6 X 15 6 X 36 | 22 m 12 23 m 43 | 17 る 15 19 る 21 | 9≈56 11≈16 | 23≈32 24≈19 | 6 X 59 |
| pc | 21 m.41 | 19 공 22 | 11≈02 | 23≈10 23≈39 | 6 × 05 | 23 m.11 | 19 공 58 | 11≈32 | 23≈43 24≈13 | 6 X 48 | 24 m 39 | 20중35 | 12≈02 | 24≈19 24≈47 | 7 X 31 |
| Calcula | | | | | | | | | | | | | ļ | | |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 00m A | RMC: 1 | 80°00' | Sid.Tir MC: | | 04m A 05'24 | RMC: 1 | 81°00' | Sid.Tir MC: | ne: 12h0 2 2 1 | 08m A 0'47 | RMC: 1 | 82°00' |
|------------|-------------------|---------------------------------|--------------------------------|----------------|--|----------------------|---------------------------------|--------------------------------|--------------------------|--|----------------------|--------------------------------|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 2 m. 10 | 2 ₹ 05 | 0중00 | 27중54 | 27≈49 | 3 m. 13 | 3 ₹ 02 | 0중55 | 28중52 | 28≈51 | 4m.15 | 3 z 59 | 1궁50 | 29궁49 | 29≈54 |
| 1S | 2 m 17 | 2 ₹ 24 | 0る23 | 28중13 | 27≈55 | 3 m 20 | 3 ₹ 21 | 1동18 | 29중10 | 28≈58 | 4 m 22 | 4 <i>≯</i> 18 | 2중13 | 0≈07 | 0 X 00 |
| 2S | 2 m 24 | 2 ₹ 42 | 0중47 | 28중31 | 28≈02 | 3 m 27 | 3 ₹ 40 | 1る42 | 29る28 | 29≈04 | 4m29 | 4 <i>≯</i> 37 | 2ਰ37 | 0≈26 | 0 ∺ 07 |
| 3S | 2m31 | 3 ₹ 01 | 1311 | 28궁50 | 28≈09 | 3 m 34 | 3 ₹ 59 | 2중06 | 29궁47 | 29≈11 | 4m37 | 4 <i>₹</i> 56 | 3중01 | 0≈44 | 0 X 13 |
| 4S | 2m.38 | 3 ₹ 20 | 1ਰ35 | 29중08 | 28≈15 | 3 m.41 | 4 ₹ 18 | 2号30 | 0≈05 | 29≈17 | 4 m. 44 | 5 ₹ 16 | 3중25 | 1≈02 | 0 X 19 |
| 5S | 2 m 45 | 3 ∡ 40 | 1궁59 | 29궁26 | 28≈22 | 3 m 48 | 4 ₹ 38 | 2중54 | 0≈23 | 29≈24 | 4m.51 | 5 ₹ 35 | 3중49 | 1≈20 | 0 X 25 |
| 6S | 2 m 52 | 3 ₹ 59 | 2823 | 29궁44 | 28≈29 | 3 m 55 | 4×757 | 3중18 | 0≈41 | 29≈30 | 4m.59 | 5×55 | 4중13 | 1≈37 | 0 × 32 |
| 7S | 2m.59 | 4 7 19 | 2847 | 0≈03 | 28≈35 | 4m.03 | 5 7 17 | 3 공 42 | 0≈59 | 29≈36 | 5m.06 | 6×15 | 4 궁 37 | 1≈55 | 0 ¥ 38 |
| 8S 9S | 3 m 06 3 m 14 | 4 ₹ 38 4 ₹ 58 | 3 당 11 3 당 36 | 0≈21 0≈39 | 28≈42 28≈48 | 4 m 10 4 m 18 | 5 ₹ 37 5 ₹ 57 | 4 궁 06 4 궁 31 | 1≈17 1≈35 | 29≈43 29≈49 | 5 m. 14 5 m. 22 | 6 x 35 | 5 궁 01 5 궁 25 | 2≈13 2≈31 | 0 X 44 0 X 50 |
| | | | | | | | | | | | | | | | |
| 10S 11S | 3 m 21 3 m 28 | 5 x 19 5 x 39 | 4 3 00 4 3 25 | 0≈57 1≈15 | 28≈55 29≈01 | 4 m 25 4 m 33 | 6 ₹ 17 6 ₹ 38 | 4정55 5정19 | 1≈53 2≈11 | 29≈56 0 ¥ 02 | 5 m. 29 5 m. 37 | 7 ₹ 15 7 ₹ 36 | 5 궁 50 6 궁 14 | 2≈49 3≈06 | 0 ¥ 56 1 ¥ 03 |
| 11S 12S | 3 m 36 | 6×100 | 4 8 23 | 1≈13 | 29≈01 | 4 m 41 | 6 ₹ 58 | 5 공 44 | 2≈11 | 0 X 02 | 5 m 45 | 7 x · 30 | 6중39 | 3≈00 | 1 X 03 |
| 13S | 3 m. 44 | 6×21 | 5정14 | 1≈51 | 29≈15 | 4 m 49 | 7×19 | 6궁09 | 2≈47 | 0 X 15 | 5 m 53 | 8 7 18 | 7정03 | 3≈42 | 1 X 15 |
| 14S | 3 m. 52 | 6×142 | 5중39 | 2≈09 | 29≈21 | 4 m 57 | 7×141 | 6ਰ34 | 3≈05 | 0 X 21 | 6m.02 | 8 🗷 39 | 7중28 | 4≈00 | 1 X 21 |
| 15S | 4 m 00 | 7 ₹ 03 | 6중05 | 2≈28 | 29≈28 | 5 m 05 | 8 ₹ 02 | 6궁59 | 3≈23 | 0 × 28 | 6m.10 | 9 🗷 01 | 7중53 | 4≈17 | 1 X 27 |
| 16S | 4 m 08 | 7×05 | 6중30 | 2≈46 | 29≈34 | 5 m 13 | 8 x 24 | 7중24 | 3≈41 | 0 X 34 | 6m.18 | 9 23 | 8중18 | 4≈35 | 1 X 34 |
| 17S | 4m.16 | 7×147 | 6중56 | 3≈04 | 29≈41 | 5 m 21 | 8×21 | 7 궁 50 | 3≈59 | 0 X 40 | 6m.27 | 9 🗷 46 | 8344 | 4≈53 | 1 X 40 |
| 18S | 4m24 | 8 % 10 | 7중21 | 3≈22 | 29≈48 | 5 m 30 | 9 ₹ 09 | 8중15 | 4≈17 | 0 ₩ 47 | 6m36 | 10 ₹ 08 | 9 궁 09 | 5≈11 | 1 X 46 |
| 19S | 4m33 | 8 ₹ 33 | 7쥥47 | 3≈41 | 29≈54 | 5m39 | 9 ₹ 32 | 8중41 | 4≈35 | 0 ¥ 53 | 6m45 | 10 ₹ 31 | 9 궁 35 | 5≈29 | 1 X 52 |
| 20S | 4m41 | 8 ₹ 56 | 8궁14 | 3≈59 | 0 X 01 | 5 m 48 | 9∡56 | 9궁08 | 4≈53 | 1 × 00 | 6m.54 | 10 ₹ 55 | 10중01 | 5≈47 | 1 X 59 |
| 21S | 4m.50 | 9 ₹ 20 | 8 궁 40 | 4≈18 | 0 ¥ 08 | 5 m 57 | 10 ₹ 20 | 9 궁 34 | 5≈12 | 1 X 06 | 7m03 | 11 ₹ 19 | 10중28 | 6≈06 | 2 X 05 |
| 22S | 4m.59 | 9₹44 | 9궁07 | 4≈37 | 0 X 15 | 6m.06 | 10 ₹ 44 | 10중01 | 5≈30 | 1 X 13 | 7m.13 | 11 🗷 43 | 10궁54 | 6≈24 | 2 X 12 |
| 23S | 5m.08 | 10 7 09 | 9중35 | 4≈56 | 0 X 22 | 6m.15 | 11 7 09 | 10궁28 | 5≈49 | 1 X 20 | 7 m. 22 | 12 🗷 08 | 11321 | 6≈42 | 2 X 18 |
| 24S | 5m.18 | 10 ₹ 34 | 10중02 | 5≈15 | 0 ₩ 28 | 6 m 25 | 11 ₹34 | 10중55 | 6≈08 | 1 X 26 | 7 m.32 | 12 ₹ 33 | 11궁49 | 7≈01 | 2 X 24 |
| 25S | 5 m. 28 | 11 🗷 00 | 10중30 | 5≈34 | 0 X 35 | 6m35 | 12 ₹ 00 | 11중23 | 6≈27 | 1 X 33 | 7m.42 | 12 ₹ 59 | 12중16 | 7≈20 | 2 ¥ 31 |
| 26S | 5m37 | 11 7 26 | 10공58 | 5≈53 | 0 × 42 | 6m.45 | 12 7 26 | 11351 | 6≈46 | 1 X 40 | 7 m 53 | 13 🗷 25 | 12344 | 7≈38 | 2 ¥ 38 |
| 27S 28S | 5m48 5m58 | 11 ₹ 53 12 ₹ 20 | 11궁27 11궁56 | 6≈13 6≈32 | 0 X 50 0 X 57 | 6 m 56 7 m 06 | 12 ₹ 53 13 ₹ 20 | 12る20 12る49 | 7≈05 7≈24 | 1 X 47 1 X 54 | 8 m. 03 8 m. 14 | 13 × 52 14 × 20 | 13중12 13중41 | 7≈57 8≈17 | 2 X 44 2 X 51 |
| 29S | 6m.09 | 12 \$\times 49 | 12326 | 6≈52 | 1 X 04 | 7 m 17 | 13 \$\times 48 | 13중18 | 7∞2 4 7≈44 | 2 X 01 | 8m.25 | 14 × 20 | 14중10 | 8≈36 | 2 X 58 |
| 30S | 6m.20 | 13 7 17 | 12공56 | 7≈12 | | 7 m. 29 | 14 🗷 17 | | 8≈04 | | 8 m. 37 | 15 🗷 17 | 14340 | 8 ≈ 55 | 3 X 05 |
| 31S | 6m31 | 13 x 17 | 13826 | 7≈12 7≈33 | 1 X 11 1 X 19 | 7 m 40 | 14×17 | 13중48 14중18 | 8≈24 | 2 ¥ 08 2 ¥ 15 | 8 m. 49 | 15 \$7.17 | 14840 | 9≈15 | 3 X 03 |
| 32S | 6m.43 | 14 🗷 17 | 13 32 57 | 7≈53 | 1 X 26 | 7 m 52 | 15 \$\sigma 17 | 14349 | 8≈44 | 2 X 23 | 9m.01 | 16 \$7 17 | 15 3 40 | 9≈35 | 3 X 19 |
| 33S | 6m.55 | 14 ₹ 48 | 14329 | 8≈14 | 1 X 34 | 8 m 04 | 15 ₹ 48 | 15중20 | 9≈05 | 2 X 30 | 9m.14 | 16∡48 | 16311 | 9≈55 | 3 X 26 |
| 34S | 7m.07 | 15 ₹ 21 | 15중01 | 8≈35 | 1 X 42 | 8 m 17 | 16 ₹ 20 | 15중52 | 9≈25 | 2 X 37 | 9m27 | 17 ₹ 20 | 16중43 | 10≈16 | 3 X 33 |
| 35S | 7 m. 20 | 15 ₹ 54 | 15중33 | 8≈56 | 1 X 50 | 8 m. 30 | 16 ₹ 53 | 16궁24 | 9≈47 | 2 X 45 | 9m.40 | 17 ₹ 53 | 17ਰ15 | 10≈37 | 3 X 41 |
| 36S | 7 m 33 | 16 ₹ 27 | 16중07 | 9≈18 | 1 X 58 | 8 m 44 | 17 ₹ 27 | 16궁57 | 10≈08 | 2 X 53 | 9m.54 | 18 ₹ 26 | 17중48 | 10≈58 | 3 X 48 |
| 37S | 7m47 | 17 ₹ 02 | 16중41 | 9≈40 | 2 × 06 | 8 m 58 | 18 ₹ 02 | 17중31 | 10≈30 | 3 × 01 | 10m.08 | 19 🗷 01 | 18중21 | 11≈19 | 3 X 56 |
| 38S | 8m.02 | 17×39 | 17중15 | 10≈02 | 2 × 14 | 9 m 13 | 18 🗷 38 | 18중05 | 10≈52 | 3 × 09 | 10m.23 | 19 🗷 37 | 18궁55 | 11≈41 | 4 × 04 |
| 39S | 8m.16 | 18∡16 | 17ਰ51 | 10≈25 | 2 ¥ 22 | 9 m. 28 | 19∡15 | 18중41 | 11≈14 | 3 X 17 | 10m39 | 20 ₹ 14 | 19중30 | 12≈03 | 4 ¥ 12 |
| 40S | 8m.32 | 18 ₹ 54 | 18궁27 | 10≈48 | 2 X 31 | 9m44 | 19 ₹ 54 | 19중16 | 11≈37 | 3 X 25 | 10m.55 | 20 ₹ 53 | 20궁06 | 12≈25 | 4 ¥ 20 |
| 418 | 8m.48 | 19 🗷 34 | 19궁04 | 11≈12 | 2 × 40 | 10 m 00 | 20 🗷 33 | 19중53 | 12≈00 | 3 X 34 | 11 m 12 | 21 🗷 32 | 20342 | 12≈48 | 4¥28 |
| 42S 43S | 9m05 9m22 | 20 ₹ 15 20 ₹ 58 | 19궁42 20궁21 | 11≈36 12≈00 | 2 X 49 2 X 58 | 10 m 17 10 m 35 | 21 × 14 21 × 57 | 20중31 21중09 | 12≈24 12≈48 | 3 X 42 3 X 51 | 11 m.29 11 m.48 | 22 × 13 22 × 55 | 21궁19 21궁57 | 13≈12 | 4 X 36 4 X 45 |
| 43S 44S | 9 m 41 | 20 x 38 21 x 43 | 20821 | 12≈00 | 3 X 07 | 10 m 54 | 21 x·37 22 x 41 | 21 3 48 | 12≈48 | 4 X 00 | 12m.07 | 22 x·33 23 x 39 | 21 6 37 22 중 36 | 13≈35 13≈59 | 4 X 43 |
| | | | | | | | | | | | l . | | | | |
| 45S 46S | 10m.00 10m.20 | 22 ₹ 29 23 ₹ 16 | 21중41 22중23 | 12≈50 13≈16 | 3 × 17 3 × 26 | 11 m.14 11 m.34 | 23 ₹27 24 ₹14 | 22중28 23중10 | 13≈37 14≈03 | 4 X 09 4 X 19 | 12 m. 27 12 m. 48 | 24 ₹ 25 25 ₹ 12 | 23궁16 23궁57 | 14≈24 14≈49 | 5 × 02 5 × 12 |
| 47S | 10 m. 42 | 24 × 06 | 23중06 | 13≈43 | 3 X 36 | 11 m 56 | 25 🗷 04 | 23 당 52 | 14≈29 | 4×29 | 13 m 10 | 26×12 | 24 궁 38 | 15≈15 | 5 X 21 |
| 48S | 11 m. 04 | 24 × 58 | 23궁50 | 14≈10 | 3 X 47 | 12 m 19 | 25 ₹ 55 | 24중36 | 14≈55 | 4 X 39 | 13 m. 33 | 26 × 52 | 25중21 | 15≈41 | 5 × 31 |
| 49S | 11 m 28 | 25 ₹ 52 | 24궁35 | 14≈38 | 3 X 57 | 12 m 43 | 26 ₹ 49 | 25중20 | 15≈23 | 4 X 49 | 13 m 58 | 27 ₹ 45 | 26궁06 | 16≈08 | 5 X 40 |
| 50S | 11 m.53 | 26 ₹ 48 | 25중21 | 15≈06 | 4 ¥ 08 | 13 m 09 | 27 ₹ 45 | 26중06 | 15≈51 | 4 ¥ 59 | 14 m. 24 | 28 ₹ 41 | 26궁51 | 16≈35 | 5 + 51 |
| 51S | 12m19 | 27 ҂ 47 | 26중09 | 15≈35 | 4 ∺ 19 | 13 m 36 | 28 ₹ 43 | 26중53 | 16≈19 | 5 × 10 | 14m.51 | 29 ₹ 39 | 27중38 | 17≈04 | 6 ∺ 01 |
| 52S | 12m47 | 28 ∡ 49 | 26궁58 | 16≈05 | 4 ∺ 31 | 14 m 04 | 29 ∡ 44 | 27중42 | 16≈49 | 5 ∺ 21 | 15 m.20 | 0중39 | 28궁26 | 17≈33 | 6 ∺ 12 |
| 53S | 13 m 17 | 29 🗷 53 | 27849 | 16≈36 | 4 X 42 | 14m.35 | 0중48 | 28号32 | 17≈19 | 5 X 33 | 15m.51 | 1342 | 29중15 | 18≈02 | 6¥23 |
| 54S | 13 m.49 | 1중01 | 28중42 | 17≈07 | 4 ¥ 55 | 15m07 | 1중55 | 29궁24 | 17≈50 | 5 ¥ 44 | 16m25 | 2548 | 0≈06 | 18≈33 | 6 ₩ 34 |
| 55S | 14m24 | 2ਰ11 | 29궁36 | 17≈40 | 5 X 07 | 15 m. 42 | 3중05 | 0≈17 | 18≈22 | 5 ¥ 57 | 17m.00 | 3중58 | 0≈59 | 19≈04 | 6 ¥ 46 |
| 56S | 15m.01 | 3326 | 0≈31 | 18≈13 | 5 X 20 | 16m.20 | 4중18 | 1≈12 | 18≈55 | 6¥09 | 17m.38 | 5310 | 1≈53 | 19≈36 | 6 X 58 |
| 57S | 15 m 40 | 4344 | 1≈29 | 18≈47 | 5 X 34 | 17m.00 | 5 3 35 | 2≈09 | 19≈28 20≈03 | 6 X 22 | 18 m 19 | 6 궁 26 | 2≈49 | 20≈10 20≈44 | 7 X 11 |
| 58S 59S | 16m23 17m09 | 6 궁 06 7 궁 32 | 2≈28 3≈30 | 19≈23 19≈59 | 5 X 48 6 X 02 | 17 m. 43 18 m. 30 | 6 궁 56 8 궁 21 | 3≈07 4≈08 | 20≈03 20≈39 | 6 X 36 6 X 50 | 19m.03 19m.50 | 7 3 46 9 3 10 | 3≈46 4≈46 | 20≈44 21≈19 | 7 ¥ 24 7 ¥ 38 |
| | | | | | | | | | | | | | | | |
| 60S | 18m.00 18m.55 | 9 중 02 10 중 38 | 4≈33 5≈39 | 20≈37 21≈16 | 6 X 18 | 19 m. 22 20 m. 17 | 9 궁 51 11 궁 25 | 5≈11 6≈16 | 21≈16 21≈55 | 7 ¥ 05 7 ¥ 20 | 20 m. 42 21 m. 38 | 10중38 12중11 | 5≈48 6≈52 | 21≈56 22≈33 | 7 X 52 8 X 07 |
| 61S 62S | 1811655 191656 | 12519 | 5≈39 6≈48 | 21≈16 21≈57 | 6 X 50 | 20 m 17 | 11623 13 중 04 | 0≈16 7≈23 | 21≈33 22≈34 | 7 X 20 7 X 36 | 21 IL 38 22 m. 40 | 13849 | 0≈52 7≈58 | 22≈33 23≈12 | 8 X 07 |
| 63S | 21 m 02 | 14305 | 7≈58 | 22≈39 | 7 X 07 | 22 m 26 | 14348 | 7≈23 8≈32 | 22≈34 | 7 X 52 | 23 m.48 | 15831 | 9≈07 | 23≈12 23≈53 | 8 X 38 |
| 64S | 22 m 16 | 15857 | 9≈11 | 23≈22 | 7 X 25 | 23 m 40 | 16중38 | 9≈45 | 23≈58 | 8 X 10 | 25 m 03 | 17819 | 10≈18 | 24≈34 | 8 X 55 |
| 65S | 23 m 38 | 17중55 | 10≈27 | 24≈07 | 7 × 43 | 25 m 03 | 18중34 | 10≈59 | 24≈42 | 8 X 28 | 26 m. 26 | 19813 | 11≈31 | 25≈18 | 9¥12 |
| 66S | 25 m 10 | 19중59 | 11≈46 | 24≈54 | 8 X 03 | 26 m 35 | 20중36 | 12≈17 | 25≈28 | 8 X 47 | 27 m 58 | 21313 | 12≈47 | 26≈03 | 9×31 |
| pc | 26 m 06 | 21중11 | 12≈32 | 25≈21 | 8 X 15 | 27 m 32 | 21347 | 13≈02 | 25≈55 | 8 X 58 | 28 m 55 | 22323 | 13≈32 | 26≈29 | 9 X 41 |
| | | | | | | 2000. ε: 2 | | | | | | - | ! | | |

| | Sid.Tin MC: | | 12m A 6'09 | RMC: 1 | 83°00' | Sid.Tir MC: | | 16m A 21'30 | RMC: 1 | 84°00' | Sid.Tir MC: | ne: 12h2 | 20m A | RMC: 1 | 85°00' |
|------------|----------------------|----------------------------------|----------------------------------|----------------|---|----------------------|----------------------------------|----------------------------------|-----------------|--|----------------------|--|----------------------------------|----------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 5 m 17 | 4 <i>≯</i> 156 | 2345 | 0≈47 | 0 X 57 | 6m.19 | 5 z 53 | 3号40 | 1≈45 | 2 ¥ 00 | 7m.21 | 6 ₹ 50 | 4궁35 | 2≈43 | 3 X 03 |
| 1S | 5 m 24 | 5 ≯ 15 | 3号09 | 1≈05 | 1 X 03 | 6m26 | 6 ₹ 12 | 4궁04 | 2≈03 | 2 X 06 | 7 m 28 | 7 ₹ 09 | 4궁59 | 3≈00 | 3 X 09 |
| 2S | 5 m 32 | 5×134 | 3 궁 32 | 1≈23 | 1 X 09 | 6m.34 | 6 🗷 32 | 4 공 27 | 2≈20 | 2 × 12 | 7m.36 | 7 🗷 29 | 5 3 22 | 3≈18 | 3 X 15 |
| 3S 4S | 5 m 39 5 m 47 | 5 ₹ 54 6 ₹ 13 | 3중56 4중20 | 1≈41 1≈59 | 1 X 15 1 X 21 | 6 m. 42 6 m. 49 | 6∡51 7∡11 | 4정51 5정15 | 2≈38 2≈56 | 2 X 18 2 X 24 | 7 m. 44 7 m. 52 | 7 ₹ 48 8 ₹ 08 | 5 3 46 6 3 10 | 3≈36 3≈53 | 3 ¥ 20 3 ¥ 26 |
| 5S | 5 m 54 | 6 <i>x</i> 33 | 4344 | 2≈16 | 1 X 27 | 6 m 57 | 7 ₹ 30 | 5중39 | 3≈13 | 2 X 29 | 7 m.59 | 8.728 | 6중34 | 4≈11 | 3 X 32 |
| 6S | 6m.02 | 6 ₹ 53 | 5중08 | 2≈16 | 1 X 27 | 7 m 05 | 7 x · 30 | 6중03 | 3≈13 | 2 X 29 | 8m.07 | 8 x 47 | 6중58 | 4≈11 | 3 X 3 X 3 7 |
| 7S | 6m.10 | 7 ₹ 13 | 5중32 | 2≈52 | 1 X 39 | 7 m 13 | 8×10 | 6중27 | 3≈49 | 2 × 41 | 8m.16 | 9 ₹ 08 | 7중22 | 4≈45 | 3 X 43 |
| 8S | 6m17 | 7 <i>≯</i> 33 | 5궁56 | 3≈09 | 1 X 45 | 7m21 | 8 ₹ 30 | 6 궁 51 | 4≈06 | 2 X 47 | 8m24 | 9 ₹ 28 | 7중45 | 5≈03 | 3 X 48 |
| 9S | 6m25 | 7 <i>≱</i> 53 | 6중20 | 3≈27 | 1 X 51 | 7 m 29 | 8 <i>≱</i> 751 | 7중15 | 4≈23 | 2 X 53 | 8 m. 32 | 9 ₹ 48 | 8중10 | 5≈20 | 3 ¥ 54 |
| 10S | 6m.33 | 8 × 13 | 6중44 | 3≈45 | 1 X 57 | 7 m 37 | 9 🕶 11 | 7중39 | 4≈41 | 2 X 58 | 8m.40 | 10 7 09 | 8중34 | 5≈37 | 4 X 00 |
| 11S 12S | 6m41 6m49 | 8 ₹ 34 8 ₹ 55 | 7 さ 09 7 さ 33 | 4≈02 4≈20 | 2 ¥ 03 2 ¥ 09 | 7 m 45 7 m 53 | 9 x 32 9 x 53 | 8 국 03 8 국 28 | 4≈58 5≈16 | 3 × 04 3 × 10 | 8m.49 8m.57 | 10 \$\squad 30 \\ 10 \$\squad 51 | 8 궁 58 9 궁 22 | 5≈54 6≈11 | 4 X 05 4 X 11 |
| 13S | 6m.58 | 9×16 | 7358 | 4≈20 | 2 X 15 | 8 m. 02 | 10×15 | 8 3 528 | 5≈33 | 3 X 16 | 9m.06 | 11 \$\sigma 13 | 9 3 22 | 6≈29 | 4 X 16 |
| 14S | 7m.06 | 9 ≉ 38 | 8중23 | 4≈55 | 2 ∺ 21 | 8 m. 10 | 10 ₹ 36 | 9궁17 | 5≈50 | 3 ¥ 22 | 9m.15 | 11 ₹ 34 | 10중11 | 6≈46 | 4 X 22 |
| 15S | 7m.15 | 10 ₹ 00 | 8국48 | 5≈13 | 2 X 27 | 8 m. 19 | 10 ₹ 58 | 9る42 | 6≈08 | 3 ¥ 27 | 9m.24 | 11 ₹ 56 | 10중36 | 7≈03 | 4 X 28 |
| 16S | 7 m 23 | 10 ₹ 22 | 9궁13 | 5≈30 | 2 X 33 | 8 m 28 | 11 ₹ 20 | 10궁07 | 6≈25 | 3 ¥ 33 | 9m33 | 12 ₹ 18 | 11중01 | 7≈20 | 4 |
| 17S | 7m.32 | 10 🗷 44 | 9중38 | 5≈48 | 2 X 39 | 8 m 37 | 11 🗷 43 | 10중32 | 6≈43 | 3 X 39 | 9m42 | 12 🗷 41 | 11궁26 | 7≈37 | 4 X 39 |
| 18S 19S | 7m.41 7m.50 | 11 ∡ 07 11 ∡ 30 | 10 궁 03 10 궁 29 | 6≈06 6≈23 | 2 X 46 2 X 52 | 8 m 46 8 m 56 | 12 ∡ 06 12 ∡ 29 | 10궁57 11궁23 | 7≈00 7≈18 | 3 X 45 3 X 51 | 9m.51 10m.01 | 13 ₹ 04 13 ₹ 27 | 11중51 12중17 | 7≈55 8≈12 | 4 X 45 4 X 50 |
| 20S | 8 m. 00 | 11 × 54 | 10~529 | | 2 X 52 2 X 58 | 9 m 05 | | | | 3 X 57 | | | | | 4 X 56 |
| 20S 21S | 8 m. 09 | 11 × 54 12 × 18 | 10년33 11년21 | 6≈41 6≈59 | 2 1 3 1 3 1 3 1 4 | 9 m 15 | 12 ₹ 52 13 ₹ 16 | 11궁49 12궁15 | 7≈35 7≈53 | 4 X 03 | 10 m. 10 10 m. 20 | 13 \$\tilde{x}\$ 51 \\ 14 \$\tilde{x}\$ 15 | 12중42 13중08 | 8≈30 8≈47 | 5 + + + + + + + + + + + + + + + + + + + |
| 22S | 8m.19 | 12 ₹ 42 | 11중48 | 7≈17 | 3 × 10 | 9 m 25 | 13 ₹ 41 | 12중41 | 8≈11 | 4 X 09 | 10m.30 | 14 ₹ 39 | 13중34 | 9≈05 | 5 × 08 |
| 23S | 8m29 | 13 ≠ 07 | 12중15 | 7≈36 | 3 ¥ 16 | 9m35 | 14×106 | 13중08 | 8≈29 | 4 ¥ 15 | 10m41 | 15 ₹ 04 | 14궁01 | 9≈23 | 5 X 13 |
| 24S | 8m39 | 13 ₹ 32 | 12중42 | 7≈54 | 3 ₩ 23 | 9 m 45 | 14∡731 | 13중35 | 8≈47 | 4 ¥ 21 | 10m.51 | 15 ₹ 30 | 14궁28 | 9≈40 | 5 X 19 |
| 25S | 8m49 | 13 🗷 58 | 13중09 | 8≈12 | 3 ¥ 29 | 9m.56 | 14 🗷 57 | 14궁02 | 9≈05 | 4 × 27 | 11 m.02 | 15 \$7 55 | 14궁55 | 9≈58 | 5 X 25 |
| 26S 27S | 9m00 9m11 | 14 ₹ 24 14 ₹ 51 | 13 さ 37 14 さ 05 | 8≈31 8≈50 | 3 X 35 3 X 42 | 10m.07 10m.18 | 15 ₹ 23 15 ₹ 50 | 14궁30 14궁58 | 9≈24 9≈42 | 4 X 33 4 X 39 | 11 m 13 11 m 24 | 16 x 22 16 x 49 | 15 る 22 15 る 50 | 10≈16 10≈35 | 5 X 31 5 X 37 |
| 28S | 9m22 | 15 🗷 19 | 14당34 | 9≈09 | 3 X 48 | 10 m. 29 | 16 🗷 18 | 15 공 26 | 10≈01 | 4 X 46 | 11 m 36 | 17 \$ 16 | 16공18 | 10≈53 | 5 X 43 |
| 29S | 9m33 | 15 ≉ 47 | 15중02 | 9≈28 | 3 X 55 | 10m41 | 16∡46 | 15궁55 | 10≈20 | 4 ¥ 52 | 11 m 48 | 17 ₹ 44 | 16궁47 | 11≈12 | 5 X 49 |
| 30S | 9m45 | 16∡16 | 15중32 | 9≈47 | 4 ¥ 02 | 10 m 53 | 17 ₹ 15 | 16궁24 | 10≈39 | 4 ¥ 59 | 12 m 00 | 18 ₹ 13 | 17궁15 | 11≈30 | 5 X 56 |
| 318 | 9m.57 | 16 🗷 45 | 16중02 | 10≈07 | 4 × 08 | 11 m 05 | 17×44 | 16궁53 | 10≈58 | 5 × 05 | 12 m 13 | 18 🗷 43 | 17845 | 11≈49 | 6 × 02 |
| 32S 33S | 10 m. 10 10 m. 23 | 17∡16 17∡47 | 16 궁 32 17 궁 03 | 10≈26 10≈46 | 4 ¥ 15 4 ¥ 22 | 11 m.18 11 m.31 | 18 ₹ 15 18 ₹ 46 | 17る23 17る54 | 11≈17 11≈37 | 5 X 12 5 X 18 | 12 m. 26 12 m. 39 | 19 x 13 19 x 44 | 18궁15 18궁45 | 12≈09 12≈28 | 6 X 08 |
| 34S | 10m.36 | 18 🗷 19 | 17 공 34 | 11≈07 | 4 × 29 | 11 m. 45 | 19 🗷 17 | 18중25 | 11≈57 | 5 × 25 | 12 m 53 | 20 🗷 16 | 19중16 | 12≈48 | 6×21 |
| 35S | 10m.50 | 18∡52 | 18궁06 | 11≈27 | 4¥36 | 11 m.59 | 19∡50 | 18궁57 | 12≈17 | 5 X 32 | 13 m.07 | 20 ₹ 48 | 19궁47 | 13≈08 | 6¥28 |
| 36S | 11 m 04 | 19∡25 | 18중38 | 11≈48 | 4 ¥ 44 | 12 m 13 | 20 ₹ 24 | 19る29 | 12≈38 | 5 X 39 | 13 m.22 | 21 ₹ 22 | 20궁19 | 13≈28 | 6 ₩35 |
| 37S | 11 m 18 | 20 7 00 | 19중12 | 12≈09 | 4¥51 | 12 m. 28 | 20 \$7 59 | 20중02 | 12≈59 | 5 X 46 | 13 m 37 | 21 🗷 57 | 20중51 | 13≈48 | 6 X 42 |
| 38S 39S | 11 m. 34 11 m. 50 | 20 × 36 21 × 13 | 19 궁 45 20 궁 20 | 12≈30 | 5 + + + + + + + + + + + + + + + + + + + | 12 m. 44 13 m. 00 | 21 x 34 22 x 11 | 20 궁 35 21 궁 09 | 13≈20 | 5 X 54 6 X 01 | 13 IL 53 14 IL 10 | 22 x 32 23 x 09 | 21 6 25 21 6 58 | 14≈09 14≈30 | 6 X 49 6 X 56 |
| 40S | 12 m 06 | 21 🗷 51 | 20중55 | 13≈14 | 5 X 14 | 13 m. 17 | 22 🖈 49 | 21344 | 14≈03 | 6¥08 | 14m.27 | 23 🖈 47 | 22333 | 14≈51 | 7 X 03 |
| 40S | 12 m 23 | 21 x·31 22 x 30 | 20833 | 13≈14 | 5 X 22 | 13 m 34 | 22 x 49 23 x 28 | 22319 | 14≈03 | 6¥16 | 14 m 27 | 24 × 26 | 22 8 33 23 중 08 | 15≈13 | 7 X 03 |
| 42S | 12m41 | 23 ҂ 11 | 22중08 | 13≈59 | 5 ∺ 30 | 13 m 52 | 24 ₮ 09 | 22궁56 | 14≈47 | 6 ¥ 24 | 15 m 03 | 25 ₹ 06 | 23중44 | 15≈35 | 7 ∺ 18 |
| 43S | 13 m.00 | 23 🗷 53 | 22345 | 14≈23 | 5 ¥ 38 | 14m.11 | 24 🗷 51 | 23중33 | 15≈10 | 6 × 32 | 15 m. 22 | 25 🗷 48 | 24321 | 15≈58 | 7 X 26 |
| 448 | 13 m 19 | 24 ₹ 37 | 23중24 | 14≈47 | 5 X 47 | 14m31 | 25 ₹ 34 | 24중11 | 15≈34 | 6 X 40 | 15 m.42 | 26 ₹31 | 24궁58 | 16≈21 | 7 X 33 |
| 45S | 13 m. 40 | 25 ₹ 22 26 ₹ 09 | 24 궁 03 24 궁 43 | 15≈11 | 5 X 55 | 14 m 52 | 26 ₹ 19 27 ₹ 06 | 24 궁 50 | 15≈58 | 6 X 48 | 16m.03 | 27 × 16 | 25 궁 37 | 16≈44 17≈08 | 7 X 41 |
| 46S 47S | 14m.01 14m.23 | 26 × 09 26 × 58 | 24·5·43 25·중25 | 15≈36 16≈01 | 6 X 04 6 X 13 | 15 m 13 15 m 36 | 27×106 27×154 | 25 궁 30 26 궁 11 | 16≈22 16≈47 | 6 ¥ 57 7 ¥ 06 | 16m.25 16m.49 | 28 × 02 28 × 50 | 26 궁 16 26 궁 57 | 17≈08 | 7 X 50 7 X 58 |
| 48S | 14m47 | 27 ₹ 49 | 26중07 | 16≈27 | 6 ∺ 23 | 16m.00 | 28 ₹ 45 | 26중53 | 17≈12 | 7 | 17 m 13 | 29 ₹ 40 | 27중38 | 17≈58 | 8 X 07 |
| 49S | 15 m 12 | 28 🗷 41 | 26중51 | 16≈53 | 6 ¥ 32 | 16m26 | 29 ₮ 37 | 27중36 | 17≈38 | 7 ∺ 24 | 17m39 | 0중32 | 28중21 | 18≈23 | 8 ¥ 16 |
| 50S | 15 m. 38 | 29 ₹ 36 | 27중36 | 17≈20 | 6¥42 | 16m.52 | 0중31 | 28궁20 | 18≈05 | 7 ¥ 33 | 18m.06 | 1궁26 | 29궁04 | 18≈49 | 8 X 25 |
| 51S | 16m.06 | 0중34 | 28822 | 17≈48 | 6 X 52 | 17 m 21 | 1 3 28 | 29중05 | 18≈32 10×200 | 7 X 43 | 18 m 35 | 2322 | 29849 | 19≈16 | 8 X 34 |
| 52S 53S | 16m36 17m07 | 1중34 2중36 | 29 궁 09 29 궁 58 | 18≈16 18≈45 | 7 ★ 02 7 ★ 13 | 17 m.51 18 m.23 | 2중28 3중29 | 29⋜52 0≈40 | 19≈00 19≈29 | 7 × 53 8 × 03 | 19m.05 19m.37 | 3중21 4중22 | 0≈35 1≈23 | 19≈44 20≈12 | 8 X 44 8 X 54 |
| 54S | 17m.41 | 3 공 41 | 0≈48 | 19≈15 | 7 X 24 | 18 m 57 | 4중34 | 1≈30 | 19≈58 | 8 X 14 | 20 m 12 | 5중26 | 2≈12 | 20≈12 | 9 X 04 |
| 55S | 18m.17 | 4궁50 | 1≈40 | 19≈46 | 7 ∺ 36 | 19 m.33 | 5중42 | 2≈21 | 20≈28 | 8 X 25 | 20m.49 | 6중33 | 3≈02 | 21≈11 | 9¥15 |
| 56S | 18m55 | 6중02 | 2≈33 | 20≈18 | 7 ∺ 47 | 20 m 12 | 6중53 | 3≈14 | 20≈59 | 8 X 36 | 21 m.28 | 7중43 | 3≈54 | 21≈41 | 9 ₩ 26 |
| 57S | 19m37 | 7중17 | 3≈28 | 20≈51 | 8 X 00 | 20 m 54 | 8중07 | 4≈08 5 04 | 21≈32 22 05 | 8 × 48 | 22 m 10 | 8중56 | 4≈48 | 22≈13 | 9 X 37 |
| 58S 59S | 20 m.21 21 m.09 | 8 궁 36 9 궁 58 | 4≈25 5≈24 | 21≈24 21≈59 | 8 X 12 8 X 25 | 21 m 39 22 m 27 | 9 3 25 10 3 46 | 5≈04 6≈02 | 22≈05 22≈39 | 9 X 00 9 X 13 | 22 m. 56 23 m. 45 | 10중13 11중34 | 5≈43 6≈40 | 22≈45 23≈18 | 9 X 49 10 X 01 |
| 60S | 22 m.02 | 11중25 | 6≈25 | 21≈39 22≈35 | 8 X 39 | 23 m 20 | 12312 | 7≈02 | 22≈39 23≈14 | 9 X 26 | 24 m. 38 | 12358 | 7 ≈ 39 | 23≈18 23≈53 | 10 X 01 |
| 61S | 22 m 59 | 11 5 25 | 0≈23 7≈28 | 22≈35 23≈12 | 8 X 53 | 23 IL 20 24 IL 18 | 13842 | 7≈02 8≈04 | 23≈14 23≈50 | 9 X 26 | 24 IL 38 25 IL 35 | 14827 | 7≈39 8≈40 | 23≈33 24≈29 | 10 X 14 |
| 62S | 24 m.01 | 14중33 | 8≈33 | 23≈50 | 9 × 08 | 25 m 20 | 15중17 | 9≈08 | 24≈28 | 9 X 54 | 26 m 38 | 16궁00 | 9≈44 | 25≈05 | 10 X 40 |
| 63S | 25 m 09 | 16314 | 9≈41 | 24≈30 | 9 × 24 | 26 m 29 | 16중56 | 10≈15 | 25≈07 | 10 × 09 | 27m47 | 17중38 | 10≈49 | 25≈44 | 10 × 55 |
| 64S | 26 m 24 | 18중00 | 10≈51 | 25≈11 | 9 X 40 | 27 m 44 | 18중41 | 11≈24 | 25≈47 | 10 € 25 | 29 m.03 | 19중21 | 11≈57 | 26≈23 | 11 X 10 |
| 65S 66S | 27 m 48 | 19궁52 21궁50 | 12≈03 | 25≈53 26×27 | 9 X 57 | 29 m 08 | 20중31 22중27 | 12≈35 | 26≈29 | 10 X 41 | 0 × 27 | 21 궁 10 23 궁 04 | 13≈07 | 27≈04 27≈47 | 11 X 25 |
| pc | 29 m.20 0 ≠ 17 | 21~550 22~559 | 13≈18 14≈02 | 26≈37 27≈03 | 10 X 14 10 X 25 | 0 ₹41 1 ₹38 | 22 6 27 23 중 35 | 13≈49 14≈32 | 27≈12 27≈37 | 10 X 58 | 2 ₹ 00 2 ₹ 57 | 23 중 04 24 중 10 | 14≈20 15≈02 | 27≈47 28≈11 | 11 X 42 |
| _ | | | | eliptic of | | | | | | | | | | | 7.51 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 24m A 32'07 | RMC: 1 | 86°00' | Sid.Tir MC: | ne: 12h2 7 <u>0</u> 3 | | RMC: 1 | 87°00' | Sid.Tir MC: | ne: 12h; 8 <u>0</u> 4 | | 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 | 5궁30 | 3≈41 | 4 ¥ 06 | 9 m. 23 | 8 <i>≱</i> 143 | 6궁25 | 4≈39 | 5 X 10 | 10m.24 | 9 z 39 | 7云20 | 5≈38 | 6 ∺ 13 |
| 1S | 8m30 | 8 ₹ 06 | 5궁54 | 3≈58 | 4 ¥ 12 | 9m31 | 9 ₹ 02 | 6 궁 49 | 4≈56 | 5 X 15 | 10m33 | 9 ₹ 59 | 7중44 | 5≈55 | 6 ₩19 |
| 2S | 8m.38 | 8 🗷 25 | 6중17 | 4≈16 | 4 X 17 | 9 m 39 | 9 🗷 22 | 7중13 | 5≈14 | 5 X 21 | 10m.41 | 10 🗷 19 | 8508 | 6≈12 | 6 X 24 |
| 3S 4S | 8m46 8m54 | 8 x 45 9 x 05 | 6 궁 41 7 궁 05 | 4≈33 4≈51 | 4 ¥ 23 4 ¥ 28 | 9 m 48 9 m 56 | 9 ₹ 42 10 ₹ 02 | 7 궁 36 8 궁 00 | 5≈31 5≈48 | 5 X 26 5 X 31 | 10m.49 10m.57 | 10 ₹38 10 ₹58 | 8 궁 31 8 궁 55 | 6≈29 6≈46 | 6 X 29 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 9m.02 9m.10 | 9 x 25 9 x 45 | 7 る 29 7 る 53 | 5≈08 5≈25 | 4 X 34 4 X 39 | 10 m 04 10 m 12 | 10 ₹ 22 10 ₹ 42 | 8 궁 24 8 궁 47 | 6≈05 6≈22 | 5 X 36 5 X 42 | 11m.06 11m.14 | 11 x 18 11 x 39 | 9 궁 19 9 궁 42 | 7≈03 7≈20 | 6 X 39 |
| 7S | 9m.18 | 10 \$7 05 | 8중16 | 5≈42 | 4 X 45 | 10 m. 21 | 11 🗷 02 | 9 궁 11 | 6≈39 | 5 X 47 | 11 m 23 | 11 🗷 59 | 10중06 | 7 ≈ 36 | 6×49 |
| 8S | 9m27 | 10 ₹ 25 | 8중40 | 5≈59 | 4 ¥ 50 | 10m29 | 11 ₹23 | 9중35 | 6≈56 | 5 X 52 | 11 m 32 | 12 ₹ 20 | 10중30 | 7≈53 | 6 ∺ 54 |
| 9S | 9m35 | 10 ₹ 46 | 9る04 | 6≈16 | 4 X 56 | 10m.38 | 11 ₹ 43 | 9궁59 | 7≈13 | 5 X 57 | 11 m 40 | 12 ₹ 40 | 10중53 | 8≈10 | 6 X 59 |
| 10S | 9m43 | 11 ∡ 07 | 9궁28 | 6≈33 | 5 ∺ 01 | 10m.46 | 12 ₹ 04 | 10중23 | 7≈30 | 6 ¥ 02 | 11 m 49 | 13 ₮ 01 | 11궁17 | 8≈26 | 7 ∺ 04 |
| 11S | 9m.52 | 11 7 28 | 9 궁 52 | 6≈50 | 5 × 06 | 10 m 55 | 12 7 25 | 10궁47 | 7≈47 | 6¥08 | 11 m.58 | 13 🗷 22 | 11341 | 8 ≈ 43 | 7 X 09 |
| 12S 13S | 10m.01 10m.10 | 11 🗷 49 12 🗷 10 | 10궁17 10궁41 | 7≈07 7≈24 | 5 X 12 5 X 17 | 11 m 04 11 m 13 | 12 ₹ 46 13 ₹ 08 | 11중11 11중35 | 8≈03 8≈20 | 6 X 13 | 12m.07 12m.16 | 13 ₹ 44 14 ₹ 05 | 12 る 05 12 る 29 | 8≈59 9≈16 | 7 X 14 7 X 19 |
| 14S | 10 m 19 | 12 × 32 | 11305 | 7≈41 | 5 X 23 | 11 m.22 | 13 🗷 30 | 12 3 00 | 8 ≈ 37 | 6 X 23 | 12 m 26 | 14 🗷 27 | 12354 | 9≈33 | 7 X 24 |
| 15S | 10m.28 | 12 ₹ 54 | 11중30 | 7≈58 | 5 ¥ 28 | 11 m.31 | 13 ₹ 52 | 12중24 | 8≈54 | 6 X 28 | 12 m. 35 | 14×149 | 13중18 | 9≈49 | 7 X 29 |
| 16S | 10 m 37 | 13 🗷 16 | 11855 | 8≈15 | 5 X 33 | 11 m.41 | 14×14 | 12849 | 9≈10 | 6 × 34 | 12 m 45 | 15 🗷 12 | 13~343 | 10≈06 | 7 X 34 |
| 17S | 10m.46 | 13 ₹ 39 | 12중20 | 8≈32 | 5 X 39 | 11 m 50 | 14 ₹ 37 | 13ਰ14 | 9≈27 | 6¥39 | 12 m 54 | 15 ₹ 34 | 14궁07 | 10≈22 | 7 ∺ 39 |
| 188 | 10m.56 | 14 🗷 02 | 12345 | 8≈49 007 | 5 X 44 | 12 m 10 | 15 7 00 | 13339 | 9 ≈ 44 | 6 X 44 | 13 m. 04 | 15 \$7 57 | 14 궁 32 | 10≈39 | 7 X 44 |
| 198 | 11 m 06 | 14 🗷 25 | 13310 | 9≈07 | 5 X 50 | 12 m 10 | 15 🗷 23 | 14중04 | 10≈01 | 6 X 49 | 13 m. 14 | 16 🗷 21 | 14궁57 | 10≈56 | 7 X 49 |
| 20S 21S | 11 m 15 11 m 26 | 14 ₹ 49 15 ₹ 13 | 13 궁 36 14 궁 02 | 9≈24 9≈41 | 5 X 55 6 X 01 | 12 m. 20 12 m. 30 | 15 ₹ 47 16 ₹ 11 | 14궁29 14궁55 | 10≈18 10≈35 | 6 X 55 7 X 00 | 13 m.25 13 m.35 | 16 ∡ 45 17 ∡ 09 | 15중23 15중48 | 11≈12 11≈29 | 7 X 54 7 X 59 |
| 21S 22S | 11 m 36 | 15×13 | 14 5 02 14 궁 28 | 9≈41 9≈59 | 6 X 06 | 12 m 41 | 16×11 | 14 6 33 | 10≈53 | 7 X 00 | 13 m 46 | 17×109 | 13548 | 11≈29 | 8 X 04 |
| 23S | 11m.46 | 16 ₹ 02 | 14공54 | 10≈16 | 6 ∺ 12 | 12 m 52 | 17 ₹ 00 | 15중47 | 11≈10 | 7×11 | 13 m 57 | 17 ₹ 58 | 16궁40 | 12≈03 | 8 X 10 |
| 24S | 11m.57 | 16∡28 | 15중21 | 10≈34 | 6 ¥ 18 | 13 m 03 | 17∡26 | 16중13 | 11≈27 | 7 | 14m.08 | 18 ₹ 24 | 17중06 | 12≈20 | 8 ₩ 15 |
| 25S | 12 m 08 | 16 ₹ 54 | 15중47 | 10≈51 | 6 ∺ 23 | 13 m 14 | 17 ₹ 52 | 16중40 | 11≈44 | 7 ∺ 22 | 14m.19 | 18 ₹ 49 | 17중32 | 12≈38 | 8 ∺ 20 |
| 26S | 12m.19 | 17 🗷 20 | 16궁15 | 11≈09 | 6¥29 | 13 m 25 | 18 7 18 | 17중07 | 12≈02 | 7 × 27 | 14m.31 | 19 🗷 16 | 17궁59 | 12≈55 | 8 X 25 |
| 27S 28S | 12 m. 31 12 m. 43 | 17 ₹ 47 18 ₹ 15 | 16궁42 17궁10 | 11≈27 11≈45 | 6 × 35 6 × 41 | 13 m 37 13 m 49 | 18 ₹ 45 19 ₹ 12 | 17る34 18る02 | 12≈20 12≈38 | 7 X 33 7 X 38 | 14 m. 43 14 m. 55 | 19 ₹ 43 20 ₹ 10 | 18 궁 26 18 궁 54 | 13≈12 13≈30 | 8 X 31 8 X 36 |
| 29S | 12 m 55 | 18 × 13 | 17 8 10 | 11≈43 | 6 X 47 | 14m.01 | 19x·12 | 18 공 30 | 12≈56 | 7 X 38 | 15 m 08 | 20 x 10 20 x 38 | 18 6 34 | 13≈30 | 8 X 42 |
| 30S | 13 m 07 | 19 \$7 11 | 18중07 | 12≈22 | 6¥53 | 14 m. 14 | 20 🗷 09 | 18궁59 | 13≈14 | 7 × 50 | 15 m. 21 | 21 🗷 07 | 19궁50 | 14≈06 | 8 X 47 |
| 31S | 13 m 20 | 19 \$\frac{11}{41}\$ | 18중36 | 12≈41 | 6 X 59 | 14 m 27 | 20 × 39 | 19궁27 | 13≈32 | 7 X 56 | 15 m 34 | 21 × 36 | 20중19 | 14≈24 | 8 X 53 |
| 32S | 13 m 33 | 20 ₹ 11 | 19궁06 | 13≈00 | 7 ∺ 05 | 14m41 | 21 ₹ 09 | 19궁57 | 13≈51 | 8 ¥ 02 | 15 m 48 | 22 ₹ 06 | 20중48 | 14≈42 | 8 X 58 |
| 33S | 13 m. 47 | 20 🗷 42 | 19중36 | 13≈19 | 7 X 11 | 14 m 54 | 21 🗷 40 | 20궁27 | 14≈10 | 8 X 08 | 16m.02 | 22 🗷 37 | 21궁17 | 15≈01 | 9 X 04 |
| 348 | 14m.01 | 21 🗷 14 | 20궁06 | 13≈38 | 7 X 17 | 15 m 09 | 22 🗷 11 | 20궁57 | 14≈29 | 8 X 14 | 16m.16 | 23 🗷 09 | 21347 | 15≈19 | 9 X 10 |
| 35S 36S | 14m.16 14m.31 | 21 ₹ 46 22 ₹ 20 | 20중37 21중09 | 13≈58 14≈18 | 7 X 24 7 X 30 | 15 m 24 15 m 39 | 22 ₹ 44 23 ₹ 17 | 21 궁 28 21 궁 59 | 14≈48 15≈08 | 8 X 20 8 X 26 | 16m31 16m46 | 23 × 41 24 × 14 | 22중18 22중49 | 15≈38 15≈58 | 9 × 16 9 × 22 |
| 37S | 14 m 46 | 22 x 54 | 21341 | 14≈18 | 7 X 37 | 15 m 55 | 23 x 17 23 x 52 | 22중31 | 15≈08 | 8 X 32 | 17 m 03 | 24 × 14 | 22·3·49 23·중20 | 15≈38 | 9 X 28 |
| 38S | | I | 22중14 | | | | | 23중03 | 15≈48 | | | 25 ₹ 24 | 1 | | 9 X 34 |
| 39S | 15 m 19 | 24 ₹ 06 | 22중47 | 15≈19 | 7 ₩51 | 16m28 | 25 ₹ 03 | 23중36 | 16≈08 | 8 X 45 | 17m36 | 26 ₹ 00 | 24궁25 | 16≈57 | 9 ₩ 40 |
| 40S | 15 m 36 | 24 ₹ 44 | 23중21 | 15≈40 | 7 ∺ 58 | 16m45 | 25 ₹ 41 | 24궁10 | 16≈29 | 8 ¥ 52 | 17m.54 | 26 ₹ 37 | 24궁59 | 17≈17 | 9¥47 |
| 418 | 15 m. 54 | 25 🗷 23 | 23궁56 | 16≈02 | 8 X 05 | 17m.04 | 26 🗷 19 | 24345 | 16≈50 | 8 X 59 | 18m.13 | 27 🗷 16 | 25중33 | 17≈38 | 9 X 53 |
| 42S 43S | 16m.13 | 26 ₹ 03 26 ₹ 44 | 24궁32 25궁08 | 16≈23 16≈46 | 8 X 12 8 X 19 | 17 m.23 17 m.43 | 26 ₹ 59 27 ₹ 40 | 25 궁 20 25 궁 56 | 17≈11 17≈33 | 9 X 06 9 X 13 | 18 m. 32 18 m. 52 | 27 ₹ 55 28 ₹ 36 | 26중08 26중43 | 17≈59 18≈21 | 10 \(\cdot\) 00 10 \(\cdot\) 07 |
| 44S | 16m.53 | 27 🗷 27 | 25 공 45 | 17≈08 | 8 X 27 | 18 m. 03 | 28 🗷 23 | 26중32 | 17≈55 | 9 X 20 | 19 m 13 | 29 🗷 19 | 27 궁 19 | 18≈43 | 10 X 14 |
| 45S | 17m.14 | 28 ₹ 12 | 26궁23 | 17≈31 | 8 + 35 | 18 m. 25 | 29 ₹ 07 | 27중10 | 18≈18 | 9 X 28 | 19m.35 | 0중02 | 27궁57 | 19≈05 | 10 ∺ 21 |
| 46S | 17m37 | 28 ₹ 58 | 27る02 | 17≈55 | 8 X 43 | 18 m. 48 | 29 × 53 | 27중49 | 18≈41 | 9 X 35 | 19m.58 | 0중48 | 28중35 | 19≈28 | 10 × 28 |
| 47S | 18m.00 | 29 🗷 45 | 27842 | 18≈19 | 8 X 51 | 19 m. 12 | 0중40 | 28 3 28 | 19≈05 | 9 × 43 | 20 m. 22 | 1중35 | 29중14 | 19≈51 | 10 ¥ 36 |
| 48S 49S | 18m.25 18m.51 | 0중35 1중26 | 28 궁 23 29 궁 05 | 18≈43 19≈08 | 8 X 59 9 X 07 | 19 m. 37 20 m. 03 | 1중29 2중21 | 29궁09 29궁50 | 19≈29 19≈54 | 9 X 51 9 X 59 | 20 m. 48 21 m. 14 | 2 3 24 3 3 14 | 29 ප 54 0≈35 | 20≈14 20≈39 | 10 × 43 10 × 51 |
| | | | | | | | | | | | | | | | |
| 50S 51S | 19m.19 19m.48 | 2 3 20 3 3 16 | 29 ⋜ 49 0≈33 | 19≈34 20≈00 | 9 X 16 9 X 25 | 20 m.31 21 m.00 | 3중14 4중09 | 0≈33 1≈16 | 20≈19 20≈45 | 10 ¥ 08 10 ¥ 16 | 21 m.42 22 m.12 | 4중07 5중02 | 1≈17 2≈00 | 21≈03 21≈29 | 10 X 59 |
| 52S | 20m.19 | 4 공 14 | 1≈18 | 20≈00 | 9 X 35 | 21 m 31 | 5중07 | 2≈01 | 21≈11 | 10 × 10 | 22 m 44 | 5 3 59 | 2≈44 | 21≈55 21≈55 | 11 X 16 |
| 53S | 20m51 | 5중15 | 2≈05 | 20≈55 | 9 ¥ 44 | 22 m 04 | 6중07 | 2≈48 | 21≈38 | 10 ¥ 34 | 23 m 17 | 6궁58 | 3≈30 | 22≈21 | 11 ¥ 25 |
| 54S | 21 m 26 | 6중18 | 2≈54 | 21≈23 | 9 X 54 | 22 m 40 | 7중09 | 3≈35 | 22≈06 | 10 ¥ 44 | 23 m 52 | 8중00 | 4≈17 | 22≈49 | 11 ¥ 34 |
| 55S | 22 m 03 | 7중24 | 3≈43 | 21≈53 | 10 × 04 | 23 m 17 | 8중15 | 4≈24 | 22≈35 | 10 × 54 | 24 m. 30 | 9중05 | 5≈05 | 23≈17 | 11 × 43 |
| 56S 57S | 22 m.43 23 m.26 | 8 군 33 9 군 46 | 4≈34 5≈27 | 22≈23 22≈54 | 10 ¥ 15 10 ¥ 26 | 23 m 57 24 m 40 | 9 궁 23 10 궁 34 | 5≈15 6≈07 | 23≈04 23≈35 | 11 X 04 11 X 14 | 25 m 11 25 m 54 | 10중12 11중23 | 5≈55 6≈46 | 23≈46 24≈16 | 11 ¥ 53 12 ¥ 03 |
| 58S | 24 m 11 | 11중01 | 3≈27 6≈22 | 22≈34 23≈25 | 10 X 26 | 25 m 26 | 11349 | 0≈07 7≈01 | 23≈33 24≈06 | 11 X 14 | 25 nl 34 26 nl 40 | 12337 | 0≈40 7≈39 | 24≈16 24≈46 | 12 X 03 |
| 59S | 25 m 01 | 12321 | 7 ≈ 18 | 23≈58 | 10 X 49 | 26 m 16 | 13중08 | 7≈56 | 24≈38 | 11 X 36 | 27 m 30 | 13중54 | 8≈34 | 25≈18 | 12 X 24 |
| 60S | 25 m 54 | 13344 | 8≈16 | 24≈32 | 11 X 01 | 27 m.10 | 14궁30 | 8≈53 | 25≈11 | 11 X 48 | 28 m 25 | 15중15 | 9≈30 | 25≈50 | 12 X 35 |
| 61S | 26 m 52 | 15중12 | 9≈16 | 25≈07 | 11 ¥ 13 | 28 m 08 | 15궁56 | 9≈53 | 25≈45 | 12 ¥ 00 | 29 m 23 | 16궁40 | 10≈29 | 26≈24 | 12 X 47 |
| 62S | 27 m 56 | 16344 | 10≈19 | 25≈43 26 21 | 11 X 27 | 29 m 12 | 17327 | 10≈54 | 26≈21 | 12 × 13 | 0 ₹ 27 | 18궁09 | 11≈29 | 26≈59 | 12 × 59 |
| 63S 64S | 29 m.05 0 ≈ 21 | 18중20 20중02 | 11≈23 12≈30 | 26≈21 26≈59 | 11 X 40 11 X 55 | 0 ₹21 1 ₹37 | 19중02 20중41 | 11≈57 13≈03 | 26≈58 27≈36 | 12 ¥ 26 12 ¥ 40 | 1 ₹ 37 2 ₹ 53 | 19중43 21중21 | 12≈31 13≈36 | 27≈35 28≈12 | 13 ¥ 12 13 ¥ 25 |
| 65S | | | | | | | | | 27≈36 28≈15 | | | 23 3 04 | | 28≈50 | 13 X 23 |
| 66S | 1 ∡ 45 3 ∡ 18 | 21정48 23정40 | 13≈39 14≈51 | 27≈39 28≈21 | 12 ¥ 10 12 ¥ 26 | 3 ₹ 01 4 ₹ 34 | 22중26 24중16 | 14≈11 15≈21 | 28≈15 28≈56 | 12 X 54 13 X 09 | 4 ₹ 17 5 ₹ 49 | 23~504 24~552 | 14≈43 15≈52 | 28≈50 29≈30 | 13 X 39 |
| pc | 4 ₹ 14 | 24845 | 15≈32 | 28≈45 | 12 X 35 | 5 ₹ 31 | 25중20 | 16≈02 | 29≈19 | 13 X 18 | 6×46 | 25중55 | 16≈32 | 29≈54 | 14 × 02 |
| Calcula | | | | | | | | | | | | | | | |

| | Sid.Tir MC: | | 36m A 7'40 | RMC: 1 | 89°00' | Sid.Tir MC: | | 40m A 52'44 | RMC: 1 | 90°00' | Sid.Tir MC: | ne: 12h₄ 11≏ | 14m A 57'43 | RMC: 1 | 91°00' |
|------------|----------------------|----------------------------------|----------------------------------|----------------------------|--|----------------------|----------------------------------|----------------------------------|-------------------|--|----------------------|----------------------------------|----------------------------------|-------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 11 m.25 | 10≉35 | 8중16 | 6≈36 | 7 ∺ 17 | 12 m 26 | 11 🗷 32 | 9 ଟ 11 | 7≈35 | 8 X 21 | 13 m.27 | 12 ₹ 28 | 10궁06 | 8≈34 | 9 X 25 |
| 1S | 11 m 34 | 10 ₹ 55 | 8중39 | 6≈53 | 7 ∺ 22 | 12 m 35 | 11 🗷 51 | 9 궁 34 | 7≈52 | 8 ¥ 26 | 13 m 35 | 12 ₹ 47 | 10중30 | 8≈51 | 9 X 30 |
| 2S | 11 m. 42 | 11 7 15 | 9중03 | 7≈10 | 7 X 27 | 12 m. 43 | 12 7 11 | 9중58 | 8≈09 9 25 | 8 X 31 | 13 m.44 | 13 🗷 07 | 10공53 | 9≈07 | 9 X 34 |
| 3S 4S | 11 m.51 11 m.59 | 11 ₹ 35 11 ₹ 55 | 9 궁 26 9 궁 50 | 7≈27 7≈44 | 7 X 32 7 X 37 | 12 m 52 13 m 00 | 12 ₹31 12 ₹51 | 10중22 10중45 | 8≈25 8≈42 | 8 X 35 8 X 40 | 13 m.53 14 m.02 | 13 ₹ 28 13 ₹ 48 | 11る17 11る40 | 9≈24 9≈40 | 9 X 39 9 X 43 |
| 5S | 12 m 08 | 12×15 | 10중14 | 8 ≈ 00 | 7 X 42 | 13 m. 09 | 13 🗷 12 | 11중09 | 8≈58 | 8 X 45 | 14m.11 | 14 🗷 08 | 12중04 | 9≈56 | 9 X 48 |
| 6S | 12 m 16 | 12×13 | 10등14 | 8≈17 | 7 X 42 | 13 m 18 | 13 x 12 | 11중32 | 0≈30 9≈15 | 8 X 49 | 14 IL 11 | 14 x 08 | 12 5 04 | 10≈12 | 9 1 4 8 |
| 7S | 12 m 25 | 12×56 | 11301 | 8≈34 | 7¥51 | 13 m 27 | 13 × 53 | 11356 | 9≈31 | 8 X 54 | 14m.28 | 14 🗷 49 | 12중50 | 10≈29 | 9¥56 |
| 8S | 12m34 | 13 ₹ 17 | 11중24 | 8≈50 | 7 ¥ 56 | 13 m 36 | 14 ₹ 13 | 12중19 | 9≈47 | 8 X 58 | 14m38 | 15 ₹ 10 | 13중14 | 10≈45 | 10 ∺ 01 |
| 9S | 12 m 43 | 13 ₹ 37 | 11궁48 | 9≈07 | 8 X 01 | 13 m.45 | 14 ₹ 34 | 12중43 | 10≈04 | 9 X 03 | 14m47 | 15 ₹ 31 | 13중37 | 11≈01 | 10 ₩ 05 |
| 10S | 12 m 52 | 13 ₹ 58 | 12る12 | 9≈23 | 8 X 06 | 13 m 54 | 14 ₹ 55 | 13중06 | 10≈20 | 9 X 07 | 14m.56 | 15 ₹ 52 | 14궁01 | 11≈17 | 10 X 09 |
| 118 | 13 m. 01 | 14 🗷 19 | 12336 | 9≈39 | 8 X 10 | 14 m 03 | 15 7 16 | 13궁30 | 10≈36 | 9 X 12 | 15m.06 | 16 🗷 13 | 14325 | 11≈33 | 10 X 14 |
| 12S 13S | 13 m. 10 13 m. 19 | 14 ₹ 41 15 ₹ 03 | 13る00 13る24 | 9≈56 10≈12 | 8 X 15 8 X 20 | 14 m 13 14 m 22 | 15 ₹ 38 16 ₹ 00 | 13 궁 54 14 궁 18 | 10≈52 11≈08 | 9 X 17 9 X 21 | 15 m 15 15 m 25 | 16 ₹ 35 16 ₹ 56 | 14궁48 15궁12 | 11≈48 12≈04 | 10 ¥ 18 10 ¥ 22 |
| 14S | 13 m 29 | 15×03 | 13 52 4 | 10≈12 | 8 X 25 | 14 m 32 | 16×00 | 14 공 42 | 11≈08 | 9×26 | 15 m 34 | 17 × 18 | 15 당 36 | 12≈20 | 10 X 22 |
| 15S | 13 m.38 | 15 <i>≵</i> 47 | 14중12 | 10≈45 | 8 X 30 | 14 m.42 | 16∡44 | 15중06 | 11≈40 | 9 X 30 | 15 m.44 | 17×141 | 16중00 | 12≈36 | 10 ∺ 31 |
| 16S | 13 m. 48 | 16 × 09 | 14당37 | 11≈01 | 8 X 34 | 14 m 51 | 17×106 | 15중30 | 11≈56 | 9 X 35 | 15 m 54 | 18 🗷 03 | 16중24 | 12≈52 | 10 × 36 |
| 17S | 13 m 58 | 16∡32 | 15중01 | 11≈17 | 8 X 39 | 15 m 02 | 17∡29 | 15ਰ55 | 12≈13 | 9 ₩ 40 | 16m05 | 18 ₹ 26 | 16중48 | 13≈08 | 10 ₩ 40 |
| 18S | 14m.08 | 16×55 | 15중26 | 11≈34 | 8 X 44 | 15 m 12 | 17 ₹ 52 | 16궁19 | 12≈29 | 9 X 44 | 16m.15 | 18 🗷 49 | 17중13 | 13≈24 | 10 × 44 |
| 19S | 14m.18 | 17 ₹ 18 | 15궁51 | 11≈50 | 8 X 49 | 15 m 22 | 18 ₹ 15 | 16중44 | 12≈45 | 9 X 49 | 16m.26 | 19 ₹ 12 | 17궁38 | 13≈40 | 10 ★ 49 |
| 20S | 14m.29 | 17 🗷 42 | 16궁16 | 12≈07 | 8 X 54 | 15 m. 33 | 18 🗷 39 | 17 る 09 | 13≈01 | 9 X 53 | 16m.37 | 19 🗷 36 | 18 궁 02 | 13≈56 | 10 × 53 |
| 21S 22S | 14 m. 40 14 m. 50 | 18∡06 18∡31 | 16 궁 41 17 궁 07 | 12≈23 12≈40 | 8 X 59 9 X 04 | 15 m 44 15 m 55 | 19 ₹ 03 19 ₹ 28 | 17 る 34 18 る 00 | 13≈18 13≈34 | 9 X 58 10 X 03 | 16m.47 16m.59 | 20 ₹ 00 20 ₹ 25 | 18 군 27 18 군 53 | 14≈12 14≈28 | 10 × 58 11 × 02 |
| 23S | 15m.01 | 18 🖈 56 | 17 당 37 | 12≈57 | 9 × 09 | 16m.06 | 19 🗷 53 | 18 급 25 | 13≈51 | 10 × 08 | 17m.10 | 20 \$\times 50 | 19당18 | 14≈44 | 11 X 07 |
| 24S | 15 m 13 | 19∡21 | 17る59 | 13≈14 | 9 X 14 | 16m.17 | 20∡18 | 18궁51 | 14≈07 | 10 ¥ 12 | 17m22 | 21 ₹ 15 | 19궁44 | 15≈01 | 11 + 11 |
| 25S | 15 m 24 | 19 . 747 | 18궁25 | 13≈31 | 9 X 19 | 16m.29 | 20 ₹ 44 | 19궁17 | 14≈24 | 10 X 17 | 17m.34 | 21 🗷 41 | 20중10 | 15≈17 | 11 X 16 |
| 26S | 15 m 36 | 20 द्र 13 | 18궁52 | 13≈48 | 9 ∺ 24 | 16m41 | 21 ∡ 10 | 19궁44 | 14≈41 | 10 ¥ 22 | 17m46 | 22 ∡ 07 | 20중36 | 15≈34 | 11 X 20 |
| 27S | 15m.48 | 20 🗷 40 | 19궁18 | 14≈05 | 9 X 29 | 16m.54 | 21 🗷 37 | 20중10 | 14≈58 | 10 € 27 | 17m.58 | 22 🗷 34 | 21중02 | 15≈51 | 11 X 25 |
| 28S 29S | 16m.01 16m.14 | 21 ₹ 08 21 ₹ 36 | 19 궁 46 20 궁 13 | 14≈22 14≈40 | 9 X 34 9 X 39 | 17 m 06 17 m 19 | 22 ₹ 05 22 ₹ 33 | 20중38 21중05 | 15≈15 15≈32 | 10 \(\pi\) 32 10 \(\pi\) 37 | 18m.11 18m.24 | 23 × 02 23 × 29 | 21중29 21중56 | 16≈07 16≈24 | 11 X 30 11 X 35 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 16m.27 | 22 ₹ 04 22 ₹ 33 | 20중41 21중10 | 14≈58 15≈15 | 9 X 44 9 X 50 | 17 m 32 17 m 46 | 23 ∡ 01 23 ∡ 30 | 21중33 22중01 | 15≈49 16≈07 | 10 X 42 10 X 47 | 18m.38 18m.52 | 23 ₹ 58 24 ₹ 27 | 22중24 22중52 | 16≈41 16≈59 | 11 X 39 |
| 32S | 16m.54 | 23 × 03 | 21중39 | 15≈33 | 9 X 55 | 18 m. 00 | 24×30 | 22 공 29 | 16≈25 | 10 × 52 | 19m.06 | 24 × 57 | 23 궁 20 | 17≈16 | 11 X 49 |
| 33S | 17m08 | 23 ∡ 34 | 22중08 | 15≈52 | 10 ∺ 01 | 18 m 15 | 24 ₹ 31 | 22중58 | 16≈43 | 10 X 57 | 19m21 | 25 ₹ 27 | 23궁49 | 17≈34 | 11 X 54 |
| 34S | 17m23 | 24 ₹ 06 | 22중38 | 16≈10 | 10 ¥ 06 | 18 m. 30 | 25 ₹ 02 | 23중28 | 17≈01 | 11 X 03 | 19m36 | 25 ₹ 59 | 24궁18 | 17≈52 | 11 X 59 |
| 35S | 17m38 | 24 ₹ 38 | 23중08 | 16≈29 | 10 ¥ 12 | 18m45 | 25 ₹ 34 | 23중58 | 17≈19 | 11 X 08 | 19m.51 | 26 ₹31 | 24348 | 18≈10 | 12 X 04 |
| 36S | 17m.54 18m.10 | 25 ₹ 11 25 ₹ 45 | 23중38 24중10 | 16≈48 17≈07 | 10 X 18 | 19 m. 01 19 m. 17 | 26 ₹ 08 26 ₹ 41 | 24궁28 24궁59 | 17≈38 17≈57 | 11 X 14 | 20m.07 20m.24 | 27 ₹ 04 27 ₹ 37 | 25 중 18 25 중 48 | 18≈28 18≈46 | 12 X 10 |
| 37S 38S | | 26×20 | | | 10 × 24 10 × 29 | | | | | 11 X 19 11 X 25 | | I | | | l |
| 39S | 18m.44 | 26 ₹ 56 | 25중14 | 17≈46 | 10 × 35 | 19 m 52 | 27 ₹ 52 | 26중03 | 18≈35 | 11 X 31 | 20 m 59 | 28 🗷 48 | 26중51 | 19≈24 | 12 X 26 |
| 40S | 19 m.02 | 27 ≉ 33 | 25중47 | 18≈06 | 10 X 42 | 20 m. 10 | 28 ₹ 29 | 26중35 | 18≈55 | 11 X 36 | 21 m.18 | 29 ₹ 24 | 27중24 | 19≈44 | 12 + 31 |
| 41S | 19m21 | 28 ₮ 12 | 26중21 | 18≈26 | 10 ¥ 48 | 20 m 29 | 29 ₹ 07 | 27궁09 | 19≈15 | 11 X 42 | 21 m 37 | 0중02 | 27궁57 | 20≈03 | 12 X 37 |
| 42S | 19m.41 | 28 ₹ 51 | 26중55 | 18≈47 | 10 ¥ 54 | 20 m 49 | 29 ₹ 46 | 27중43 | 19≈35 | 11 X 48 | 21 m.57 | 0중41 | 28중30 | 20≈23 | 12 X 43 |
| 43S | 20m.01 20m.22 | 29才32 0중14 | 27중30 28중06 | 19≈08 | 11 X 01 | 21 m.10 21 m.31 | 0중27 | 28 궁 17 28 궁 53 | 19≈56 20×17 | 11 X 55 | 22 m. 18 22 m. 40 | 1중21 2중03 | 29중05 | 20≈43 21≈04 | 12 ** 49 12 ** 55 |
| 448 | | | | 19≈30 | 11 X 07 | | 1중09 | | 20≈17 | 12¥01 | | | 29340 | | |
| 45S 46S | 20 m. 45 21 m. 08 | 0중57 1중42 | 28 궁 43 29 궁 21 | 19≈52 20≈14 | 11 X 14 11 X 21 | 21 m.54 22 m.17 | 1중52 2중36 | 29る29 0≈06 | 20≈38 21≈00 | 12 ¥ 08 12 ¥ 14 | 23 m.02 23 m.26 | 2 정 46 3 정 30 | 0≈15 0≈52 | 21≈25 21≈47 | 13 ¥ 01 13 ¥ 07 |
| 47S | 21 m 32 | 2 3 29 | 29 궁 59 | 20≈1 4 20≈37 | 11 X 28 | 22 m 42 | 3 공 23 | 0≈44 | 21≈00 21≈23 | 12 X 14 | 23 m 51 | 4 3 16 | 1≈30 | 22≈09 | 13 X 14 |
| 48S | 21 m 58 | 3817 | 0≈39 | 21≈00 | 11 X 36 | 23 m 08 | 4궁11 | 1≈23 | 21≈46 | 12 ¥ 28 | 24m17 | 5중04 | 2≈08 | 22≈31 | 13 ¥ 20 |
| 49S | 22 m 25 | 4중08 | 1≈19 | 21≈24 | 11 X 43 | 23 m 35 | 5중01 | 2≈03 | 22≈09 | 12 ¥ 35 | 24 m 45 | 5중53 | 2≈48 | 22≈54 | 13 ₩ 27 |
| 50S | 22 m 53 | 5중00 | 2≈01 | 21≈48 | 11 X 51 | 24 m 04 | 5중52 | 2≈44 | 22≈33 | 12 × 42 | 25 m 14 | 6344 | 3≈28 | 23≈17 | 13 X 34 |
| 51S | 23 m 23 | 5 궁 54 | 2≈43 | 22≈13 22≈39 | 11 X 59 | 24 m 34 | 6 공 46 | 3≈26 4≈10 | 22≈57 23×222 | 12 ¥ 50 | 25 m. 44 | 7 3 37 | 4≈10 | 23≈41 24≈06 | 13 × 41 |
| 52S 53S | 23 m.55 24 m.29 | 6 궁 50 7 궁 49 | 3≈27 4≈12 | 22≈39 23≈05 | 12 ¥ 07 12 ¥ 15 | 25 m.06 25 m.40 | 7 3 42 8 3 40 | 4≈10 4≈54 | 23≈22 23≈48 | 12 X 58 13 X 06 | 26m.16 26m.50 | 8 중 33 9 중 30 | 4≈52 5≈36 | 24≈06 24≈31 | 13 × 49 13 × 56 |
| 54S | 25 m 05 | 8중50 | 4≈58 | 23≈32 | 12 X 24 | 26 m 16 | 9중41 | 5≈40 | 24≈14 | 13 X 14 | 27 m 27 | 10중30 | 6≈21 | 24≈57 | 14 × 04 |
| 55S | 25 m.43 | 9궁54 | 5≈46 | 23≈59 | 12 X 33 | 26 m.54 | 10궁44 | 6≈27 | 24≈41 | 13 ¥ 23 | 28 m 05 | 11333 | 7≈07 | 25≈23 | 14 X 12 |
| 56S | 26m23 | 11중01 | 6≈35 | 24≈27 | 12 X 42 | 27 m 35 | 11궁50 | 7≈15 | 25≈09 | 13 X 31 | 28m47 | 12중38 | 7≈55 | 25≈51 | 14 € 21 |
| 57S | 27m.07 | 12중11 | 7≈25 | 24≈57 | 12 ¥ 52 | 28 m 19 | 12공59 | 8≈05 | 25≈38 | 13 × 41 | 29 m 31 | 13346 | 8≈44 0 25 | 26≈19 | 14 × 29 |
| 58S | 27 m 54 | 13る24 | 8≈18 9~12 | 25≈27 25≈57 | 13 ¥ 02 | 29 m 06 | 14중11 15 조 26 | 8≈56 9≈49 | 26≈07 26≈37 | 13 X 50 | 0 × 18 | 14공57 | 9≈35 10~27 | 26≈47 27≈17 | 14 ¥ 38 |
| 598 | 28 m. 44 | 14340 | 9≈12 | 25≈57 2620 | 13 X 12 | 29 m 57 | 15326 | | 26≈37 2700 | 14 × 10 | 1 \$708 | 16중11 | 10≈27 | | 14 X 48 |
| 60S 61S | 29 m.38 0 ≈ 37 | 16 궁 00 17 궁 24 | 10≈07 11≈05 | 26≈29 27≈02 | 13 ¥ 23 13 ¥ 34 | 0 ₹ 51 1 ₹ 50 | 16 궁 45 18 궁 07 | 10≈44 11≈41 | 27≈09 27≈41 | 14 X 10 14 X 21 | 2 ₹ 03 3 ₹ 02 | 17る29 18る50 | 11≈21 12≈16 | 27≈48 28≈19 | 14 ¥ 57 15 ¥ 07 |
| 62S | 1 × 41 | 17824 18 공 52 | 11≈03 | 27≈02 27≈36 | 13 X 34 | 2 × 54 | 19중34 | 12≈39 | 27≈41 28≈14 | 14 X 21 14 X 32 | 4 x 06 | 20중16 | 12≈10 | 28≈52 | 15 X 07 |
| 63S | 2 ₹ 51 | 20중24 | 13≈05 | 28≈12 | 13 X 57 | 4 ₹ 04 | 21궁05 | 13≈39 | 28≈49 | 14 ¥ 43 | 5 <i>≯</i> 16 | 21궁45 | 14≈14 | 29≈26 | 15 ∺ 29 |
| 64S | 4 ₹ 07 | 22중00 | 14≈09 | 28≈48 | 14 ∺ 10 | 5 ₹ 20 | 22중40 | 14≈42 | 29≈24 | 14 X 55 | 6 ₹ 32 | 23중19 | 15≈15 | 0 X 01 | 15 ∺ 40 |
| 65S | 5 ₹ 31 | 23중42 | 15≈15 | 29≈26 | 14 ∺ 23 | 6 ≉ 44 | 24중20 | 15≈47 | 0 ∺ 01 | 15 ∺ 08 | 7 ≯ 56 | 24중57 | 16≈19 | 0 ∺ 37 | 15 X 52 |
| 66S | 7 ₹ 03 | 25 중 28 | 16≈23 | 0 X 05 | 14 × 37 | 8 🗷 16 | 26중04 | 16≈54 | 0 X 40 | 15 × 21 | 9 🗷 28 | 26중40 | 17≈25 | 1 X 15 | 16 × 05 |
| pc | 7 ∡ 59 | 26る30 | 17≈02 | 0 X 28 | 14 X 45 | 12 ہے 9 | 27る05 | 17≈33 | 1×02 | 15×28 | 10 ₹ 23 | 27る40 | 18≈03 | 1 X 36 | 16×12 |

| | Sid.Tir MC: | | 48m A :02'38 | RMC: 1 | 92°00' | Sid.Tir MC: | | 52m A :07'27 | RMC: 1 | 93°00' | Sid.Tir MC: | ne: 12h: 15 <u>≏</u> | 56m A 12'11 | RMC: 1 | .94°00' |
|---------------------------------|--|---|---|---|--|---|---|---|---|--|---|---|---|---|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 14m.27 | 13 × 24 | 11정02 | 9≈33 | 10 \times 29 | 15 m.27 | 14 ₹ 19 | 11 357 | 10≈32 | 11 \times 34 | 16m.27 | 15 ₹ 15 | 12정53 | 11≈32 | 12 \ 38 |
| 1S | 14m.36 | 13 × 44 | 11정25 | 9≈50 | 10 \times 34 | 15 m.36 | 14 ₹ 39 | 12 320 | 10≈49 | 11 \times 38 | 16m.37 | 15 ₹ 35 | 13정16 | 11≈48 | 12 \ 42 |
| 2S | 14m.45 | 14 × 04 | 11정49 | 10≈06 | 10 \times 38 | 15 m.45 | 15 ₹ 00 | 12 344 | 11≈05 | 11 \times 42 | 16m.46 | 15 ₹ 55 | 13정39 | 12≈04 | 12 \ 46 |
| 3S | 14m.54 | 14 × 24 | 12정12 | 10≈22 | 10 \times 42 | 15 m.54 | 15 ₹ 20 | 13 307 | 11≈21 | 11 \times 46 | 16m.55 | 16 ₹ 16 | 14정02 | 12≈20 | 12 \ 50 |
| 4S | 15m.03 | 14 × 44 | 12정35 | 10≈38 | 10 \times 46 | 16 m.03 | 15 ₹ 40 | 13 330 | 11≈37 | 11 \times 50 | 17m.04 | 16 ₹ 36 | 14정26 | 12≈35 | 12 \ 53 |
| 5S | 15 m. 12 | 15 ₹ 04 | 12당59 | 10≈54 | 10 \(\dagger 51\) 10 \(\dagger 55\) 10 \(\dagger 59\) 11 \(\dagger 03\) 11 \(\dagger 07\) | 16 m. 13 | 16 ₹ 01 | 13 3 5 4 | 11≈53 | 11 \ 54 | 17 m.13 | 16 ₹ 57 | 14정49 | 12≈51 | 12 \ 57 |
| 6S | 15 m. 21 | 15 ₹ 25 | 13당22 | 11≈10 | | 16 m. 22 | 16 ₹ 21 | 14 3 17 | 12≈08 | 11 \ 58 | 17 m.23 | 17 ₹ 17 | 15정12 | 13≈07 | 13 \ 01 |
| 7S | 15 m. 30 | 15 ₹ 46 | 13당45 | 11≈26 | | 16 m. 31 | 16 ₹ 42 | 14 3 40 | 12≈24 | 12 \ 02 | 17 m.32 | 17 ₹ 38 | 15정35 | 13≈22 | 13 \ 05 |
| 8S | 15 m. 39 | 16 ₹ 06 | 14당09 | 11≈42 | | 16 m. 41 | 17 ₹ 03 | 15 3 03 | 12≈40 | 12 \ 06 | 17 m.42 | 17 ₹ 59 | 15정58 | 13≈37 | 13 \ 08 |
| 9S | 15 m. 49 | 16 ₹ 27 | 14당32 | 11≈58 | | 16 m. 50 | 17 ₹ 24 | 15 3 2 7 | 12≈55 | 12 \ 10 | 17 m.51 | 18 ₹ 20 | 16정22 | 13≈53 | 13 \ 12 |
| 10S | 15 m.58 | 16 ₹ 49 | 14중56 | 12≈14 | 11 \times 11 | 17 m.00 | 17 ₹ 45 | 15350 | 13≈11 | 12 \times 14 | 18m.01 | 18 ₹41 | 16345 | 14≈08 | 13 \times 16 |
| 11S | 16 m.08 | 17 ₹ 10 | 15중19 | 12≈29 | 11 \times 16 | 17 m.09 | 18 ₹ 06 | 16314 | 13≈26 | 12 \times 17 | 18m.11 | 19 ₹03 | 17308 | 14≈23 | 13 \times 19 |
| 12S | 16 m.17 | 17 ₹ 31 | 15중43 | 12≈45 | 11 \times 20 | 17 m.19 | 18 ₹ 28 | 16337 | 13≈42 | 12 \times 21 | 18m.21 | 19 ₹24 | 17331 | 14≈38 | 13 \times 23 |
| 13S | 16 m.27 | 17 ₹ 53 | 16중06 | 13≈01 | 11 \times 24 | 17 m.29 | 18 ₹ 50 | 17301 | 13≈57 | 12 \times 25 | 18m.31 | 19 ₹46 | 17355 | 14≈54 | 13 \times 27 |
| 14S | 16 m.37 | 18 ₹ 15 | 16중30 | 13≈16 | 11 \times 28 | 17 m.39 | 19 ₹ 12 | 17324 | 14≈12 | 12 \times 29 | 18m.41 | 20 ₹08 | 18318 | 15≈09 | 13 \times 31 |
| 15S | 16m47 | 18 × 37 | 16궁54 | 13≈32 | 11 \times 32 | 17 m.49 | 19 x 34 | 17348 | 14≈28 | 12 ± 33 | 18 m. 52 | 20 x 30 | 18정42 | 15≈24 | 13 \ 34 |
| 16S | 16m57 | 19 × 00 | 17궁18 | 13≈48 | 11 \times 36 | 18 m.00 | 19 x 57 | 18312 | 14≈43 | 12 ± 37 | 19 m. 02 | 20 x 53 | 19정06 | 15≈39 | 13 \ 38 |
| 17S | 17m08 | 19 × 23 | 17궁42 | 14≈03 | 11 \times 40 | 18 m.10 | 20 x 19 | 1836 | 14≈59 | 12 ± 41 | 19 m. 13 | 21 x 16 | 19정29 | 15≈54 | 13 \ 42 |
| 18S | 17m18 | 19 × 46 | 18궁06 | 14≈19 | 11 \times 45 | 18 m.21 | 20 x 43 | 19300 | 15≈14 | 12 ± 45 | 19 m. 24 | 21 x 39 | 19정53 | 16≈10 | 13 \ 45 |
| 19S | 17m29 | 20 × 09 | 18궁31 | 14≈35 | 11 \times 49 | 18 m.32 | 21 x 06 | 19324 | 15≈30 | 12 ± 49 | 19 m. 35 | 22 x 02 | 20정18 | 16≈25 | 13 \ 49 |
| 20S | 17m.40 | 20 x 33 | 18궁56 | 14≈51 | 11 ± 53 | 18 m. 43 | 21 x 30 | 19349 | 15≈45 | 12 ± 53 | 19 m. 46 | 22 x 26 | 20342 | 16≈40 | 13 \(\pm 53\) 13 \(\pm 57\) 14 \(\pm 00\) 14 \(\pm 04\) 14 \(\pm 08\) |
| 21S | 17m.51 | 20 x 57 | 19궁20 | 15≈06 | 11 ± 57 | 18 m. 54 | 21 x 54 | 20313 | 16≈01 | 12 ± 57 | 19 m. 57 | 22 x 50 | 21306 | 16≈55 | |
| 22S | 18m.02 | 21 x 22 | 19궁45 | 15≈22 | 12 ± 01 | 19 m. 06 | 22 x 18 | 20338 | 16≈17 | 13 ± 01 | 20 m. 09 | 23 x 15 | 21331 | 17≈11 | |
| 23S | 18m.14 | 21 x 47 | 20궁11 | 15≈38 | 12 ± 06 | 19 m. 18 | 22 x 43 | 21303 | 16≈32 | 13 ± 05 | 20 m. 21 | 23 x 40 | 21356 | 17≈26 | |
| 24S | 18m.26 | 22 x 12 | 20궁36 | 15≈54 | 12 ± 10 | 19 m. 30 | 23 x 09 | 21329 | 16≈48 | 13 ± 09 | 20 m. 33 | 24 x 05 | 22321 | 17≈42 | |
| 25S | 18 m 38 | 22 x 38 | 21302 | $16 \approx 11$ $16 \approx 27$ $16 \approx 43$ $17 \approx 00$ $17 \approx 17$ | 12 \times 14 | 19 m.42 | 23 x 34 | 21354 | 17≈04 | 13 \times 13 | 20 m.45 | 24 x 31 | 22546 | 17≈58 | 14 \times 12 |
| 26S | 18 m 50 | 23 x 04 | 21328 | | 12 \times 19 | 19 m.54 | 24 x 01 | 22320 | 17≈20 | 13 \times 17 | 20 m.58 | 24 x 57 | 23512 | 18≈13 | 14 \times 16 |
| 27S | 19 m 03 | 23 x 31 | 21354 | | 12 \times 23 | 20 m.07 | 24 x 27 | 22346 | 17≈36 | 13 \times 22 | 21 m.11 | 25 x 23 | 23538 | 18≈29 | 14 \times 20 |
| 28S | 19 m 16 | 23 x 58 | 22321 | | 12 \times 28 | 20 m.20 | 24 x 54 | 23312 | 17≈52 | 13 \times 26 | 21 m.24 | 25 x 51 | 24504 | 18≈45 | 14 \times 24 |
| 29S | 19 m 29 | 24 x 26 | 22348 | | 12 \times 32 | 20 m.34 | 25 x 22 | 23339 | 18≈09 | 13 \times 30 | 21 m.38 | 26 x 18 | 24530 | 19≈01 | 14 \times 28 |
| 30S | 19 m. 43 | 24 × 54 | 23515 | 17≈33 | 12 \ 37 | 20 m.48 | 25 × 51 | 24306 | 18≈25 | 13 \times 34 | 21 m.52 | 26 × 47 | 24357 | 19≈17 | 14 \times 32 |
| 31S | 19 m. 57 | 25 × 23 | 23543 | 17≈50 | 12 \ 41 | 21 m.02 | 26 × 20 | 24333 | 18≈42 | 13 \times 39 | 22 m.06 | 27 × 15 | 25324 | 19≈34 | 14 \times 36 |
| 32S | 20 m. 11 | 25 × 53 | 24511 | 18≈07 | 12 \ 46 | 21 m.16 | 26 × 49 | 25301 | 18≈59 | 13 \times 43 | 22 m.21 | 27 × 45 | 25352 | 19≈50 | 14 \times 40 |
| 33S | 20 m. 26 | 26 × 24 | 24539 | 18≈25 | 12 \ 51 | 21 m.31 | 27 × 20 | 25329 | 19≈16 | 13 \times 48 | 22 m.36 | 28 × 15 | 26320 | 20≈07 | 14 \times 45 |
| 34S | 20 m. 42 | 26 × 55 | 25508 | 18≈42 | 12 \ 56 | 21 m.47 | 27 × 51 | 25358 | 19≈33 | 13 \times 52 | 22 m.52 | 28 × 46 | 26348 | 20≈24 | 14 \times 49 |
| 35S 36S 37S 38S 39S | 20 m. 57 21 m. 14 21 m. 30 21 m. 48 22 m. 06 | 27 × 27 27 × 59 28 × 33 29 × 08 29 × 43 | 25 37 26 307 26 337 27 308 27 340 | 19≈00 19≈18 19≈36 19≈55 20≈13 | 13 \times 01 13 \times 05 13 \times 11 13 \times 16 13 \times 21 | 22 m.03 22 m.19 22 m.36 22 m.54 23 m.12 | 28 * 22 28 * 55 29 * 28 0 る 03 0 る 38 | 26327 26356 27326 27357 28328 | 19≈50 20≈08 20≈26 20≈44 21≈02 | 13 \times 57 14 \times 02 14 \times 06 14 \times 11 14 \times 16 | 23 m.08 23 m.25 23 m.42 24 m.00 24 m.18 | 29 x 18 29 x 50 0 る23 0 る58 1 る33 | 27317 27346 28315 28346 29316 | $20 \approx 41$ $20 \approx 58$ $21 \approx 16$ $21 \approx 33$ $21 \approx 51$ | 14 \(\pm 53\) 14 \(\pm 58\) 15 \(\pm 02\) 15 \(\pm 07\) 15 \(\pm 11\) |
| 40S | 22 m 25 | 0중20 | 28♂12 | $20 \approx 32$ $20 \approx 52$ $21 \approx 11$ $21 \approx 31$ $21 \approx 51$ | 13 \times 26 | 23 m.31 | 1정14 | 29♂00 | 21≈21 | 14 \times 21 | 24 m. 37 | 2309 | 29♂48 | 22≈10 | 15 \times 16 |
| 41S | 22 m 44 | 0중57 | 28♂44 | | 13 \times 32 | 23 m.51 | 1정52 | 29♂32 | 21≈40 | 14 \times 26 | 24 m. 57 | 2346 | 0≈19 | 22≈28 | 15 \times 21 |
| 42S | 23 m 04 | 1중36 | 29♂18 | | 13 \times 37 | 24 m.11 | 2정30 | 0≈05 | 21≈59 | 14 \times 31 | 25 m. 18 | 3324 | 0≈52 | 22≈47 | 15 \times 26 |
| 43S | 23 m 25 | 2중16 | 29♂51 | | 13 \times 43 | 24 m.33 | 3정10 | 0≈38 | 22≈19 | 14 \times 37 | 25 m. 39 | 4304 | 1≈25 | 23≈06 | 15 \times 31 |
| 44S | 23 m 47 | 2중57 | 0≈26 | | 13 \times 48 | 24 m.55 | 3정51 | 1≈13 | 22≈39 | 14 \times 42 | 26 m. 02 | 4344 | 1≈59 | 23≈26 | 15 \times 36 |
| 45S | 24 m 10 | 3정40 | 1≈02 | 22≈12 | 13 \times 54 | 25 m.18 | 4333 | 1≈48 | 22≈59 | 14 \(\) 48 | 26 m. 25 | 5궁26 | 2≈34 | 23≈46 | 15 \ \ 41 |
| 46S | 24 m 34 | 4정24 | 1≈38 | 22≈33 | 14 \times 00 | 25 m.42 | 5317 | 2≈23 | 23≈20 | 14 \(\) 53 | 26 m. 49 | 6궁09 | 3≈09 | 24≈06 | 15 \ \ 46 |
| 47S | 24 m 59 | 5정09 | 2≈15 | 22≈55 | 14 \times 06 | 26 m.07 | 6302 | 3≈00 | 23≈41 | 14 \(\) 59 | 27 m. 15 | 6궁54 | 3≈45 | 24≈27 | 15 \ \ 52 |
| 48S | 25 m 26 | 5정56 | 2≈53 | 23≈17 | 14 \times 13 | 26 m.34 | 6349 | 3≈37 | 24≈02 | 15 \(\) 05 | 27 m. 42 | 7궁41 | 4≈22 | 24≈48 | 15 \ \ 58 |
| 49S | 25 m 54 | 6정45 | 3≈32 | 23≈39 | 14 \times 19 | 27 m.02 | 7337 | 4≈16 | 24≈24 | 15 \(\) 11 | 28 m. 10 | 8궁29 | 5≈00 | 25≈09 | 16 \ \ 03 |
| 50S | 26 m 23 | 7536 | 4≈12 | $24 \approx 02$ $24 \approx 26$ $24 \approx 50$ $25 \approx 14$ $25 \approx 40$ | 14 \times 26 | 27 m.31 | 8중27 | 4≈55 | 24≈47 | 15 \times 17 | 28 m.39 | 9중18 | 5≈39 | 25≈31 | 16 \times 09 |
| 51S | 26 m 53 | 8529 | 4≈53 | | 14 \times 33 | 28 m.02 | 9중19 | 5≈36 | 25≈10 | 15 \times 24 | 29 m.11 | 10중10 | 6≈18 | 25≈54 | 16 \times 15 |
| 52S | 27 m 26 | 9523 | 5≈35 | | 14 \times 40 | 28 m.35 | 10중14 | 6≈17 | 25≈33 | 15 \times 31 | 29 m.43 | 11중04 | 6≈59 | 26≈17 | 16 \times 22 |
| 53S | 28 m 00 | 10520 | 6≈18 | | 14 \times 47 | 29 m.10 | 11중10 | 7≈00 | 25≈57 | 15 \times 37 | 0 z 18 | 11중59 | 7≈41 | 26≈41 | 16 \times 28 |
| 54S | 28 m 37 | 11520 | 7≈02 | | 14 \times 54 | 29 m.46 | 12중09 | 7≈43 | 26≈22 | 15 \times 44 | 0 z 55 | 12중57 | 8≈24 | 27≈05 | 16 \times 35 |
| 55S 56S 57S 58S 59S | 29 m 16 29 m 57 0 x 41 1 x 29 2 x 19 | 12중21 13중26 14중33 15중43 16중56 | 7≈48 8≈35 9≈23 10≈13 11≈04 | $26 \approx 05$ $26 \approx 32$ $27 \approx 00$ $27 \approx 28$ $27 \approx 57$ | 15 \times 02 15 \times 10 15 \times 18 15 \times 27 15 \times 36 | 0 ₹ 25 1 ₹ 07 1 ₹ 51 2 ₹ 39 3 ₹ 30 | 13중10 14중13 15중20 16중29 17중41 | $8 \approx 28$ $9 \approx 15$ $10 \approx 02$ $10 \approx 51$ $11 \approx 42$ | $26 \approx 48$ $27 \approx 14$ $27 \approx 41$ $28 \approx 08$ $28 \approx 37$ | 15 \ 52 15 \ 59 16 \ 70 16 \ 15 16 \ 23 | 1 x 34 2 x 16 3 x 00 3 x 48 4 x 39 | 13중58 15중00 16중06 17중14 18중26 | $9 \approx 09$ $9 \approx 54$ $10 \approx 41$ $11 \approx 30$ $12 \approx 20$ | 27≈30 27≈55 28≈22 28≈49 29≈16 | 16 \times 41 16 \times 49 16 \times 56 17 \times 03 17 \times 11 |
| 60S | 3 ₹ 14 | 18중13 | 11≈58 | 28≈27 | 15 \ \ 45 | 4 ₹ 24 | 18중57 | 12≈34 | 29≈06 | 16 \times 32 | 5 x 34 | 19중40 | 13≈11 | 29≈45 | 17 \times 20 |
| 61S | 4 ₹ 13 | 19중33 | 12≈52 | 28≈58 | 15 \ \ 54 | 5 ₹ 24 | 20중16 | 13≈28 | 29≈36 | 16 \times 41 | 6 x 33 | 20중58 | 14≈04 | 0 ₭ 15 | 17 \times 28 |
| 62S | 5 ₹ 18 | 20중57 | 13≈49 | 29≈30 | 16 \ \ 04 | 6 ₹ 28 | 21중39 | 14≈24 | 0 ± 08 | 16 \times 51 | 7 x 37 | 22중20 | 14≈59 | 0 ₭ 45 | 17 \times 37 |
| 63S | 6 ₹ 27 | 22중25 | 14≈48 | 0 ₩ 03 | 16 \ \ 15 | 7 ₹ 37 | 23중05 | 15≈22 | 0 ± 40 | 17 \times 00 | 8 x 47 | 23중45 | 15≈56 | 1 ₭ 17 | 17 \times 46 |
| 64S | 7 ₹ 43 | 23중58 | 15≈48 | 0 ₩ 37 | 16 \ \ 25 | 8 ₹ 53 | 24중36 | 16≈21 | 1 ± 13 | 17 \times 11 | 10 x 02 | 25중15 | 16≈55 | 1 ₭ 50 | 17 \times 56 |
| 65S | 9 ₹ 06 | 25334 | 16≈51 | 1 × 12 | 16 \times 37 | 10 ₹ 16 | 26중11 | 17≈23 | 1 \(\dag{48} \) 2 \(\dag{2} \dag{45} \) | 17 ★ 21 | 11 ₹25 | 26정48 | 17≈55 | 2 \times 24 | 18 ¥ 06 |
| 66S | 10 ₹ 38 | 27316 | 17≈56 | 1 × 49 | 16 \times 49 | 11 ₹ 47 | 27중51 | 18≈27 | | 17 ★ 32 | 12 ₹55 | 28정26 | 18≈58 | 2 \times 59 | 18 ¥ 16 |
| pc | 11 ₹ 33 | 28315 | 18≈34 | 2 × 10 | 16 \times 55 | 12 ₹ 42 | 28중49 | 19≈04 | | 17 ★ 39 | 13 ₹50 | 29정24 | 19≈35 | 3 \times 19 | 18 ¥ 22 |

| | 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 18 ≏ | 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 | 17m27 | 16🗷 11 | 13중48 | 12≈32 | 13 X 43 | 18 m. 27 | 17∡706 | 14중44 | 13≈32 | 14 X 47 | 19m27 | 18 ≈ 02 | 15중40 | 14≈32 | 15 X 52 |
| 1S | 17m37 | 16 7 31 | 14궁11 | 12≈47 | 13 X 46 | 18 m 36 | 17 🗷 27 | 15중07 | 13≈47 | 14 X 51 | 19m.36 | 18 🗷 22 | 16중03 | 14≈47 | 15 ¥ 55 |
| 2S 3S | 17m.46 17m.55 | 16∡51 17∡12 | 14중35 14중58 | 13≈03 13≈19 | 13 X 50 13 X 53 | 18 m. 46 18 m. 55 | 17 ₹ 47 18 ₹ 07 | 15중30 15중53 | 14≈03 14≈18 | 14 X 54 14 X 57 | 19m.45 19m.55 | 18 x 43 | 16궁26 16궁49 | 15≈02 15≈17 | 15 ¥ 58 16 ¥ 01 |
| 4S | 18 m. 04 | 17×12 | 15 공 21 | 13≈34 | 13 X 57 | 19 m 05 | 18 🗷 28 | 16명16 | 14≈33 | 15 X 01 | 20m.05 | 19 🗷 24 | 17중12 | 15≈32 | 16 × 05 |
| 5S | 18m.14 | 17 ₹ 53 | 15중44 | 13≈50 | 14 X 01 | 19 m. 14 | 18∡49 | 16궁39 | 14≈48 | 15 X 04 | 20 m 14 | 19 ~ 44 | 17중34 | 15≈47 | 16¥08 |
| 6S | 18m23 | 18 ₹ 13 | 16중07 | 14≈05 | 14 ¥ 04 | 19m.24 | 19∡09 | 17중02 | 15≈03 | 15 ∺ 07 | 20 m 24 | 20 ₹ 05 | 17중57 | 16≈02 | 16 ¥ 11 |
| 7S | 18m.33 | 18 🗷 34 | 16궁30 | 14≈20 | 14 × 08 | 19 m. 34 | 19 🛪 30 | 17325 | 15≈18 | 15 X 11 | 20m.34 | 20 ₹ 26 | 18320 | 16≈17 | 16 × 14 |
| 8S 9S | 18m.43 18m.52 | 18 ₹ 55 19 ₹ 16 | 16궁53 17궁16 | 14≈35 14≈50 | 14 X 11 14 X 15 | 19 m. 43 19 m. 53 | 19∡51 20∡12 | 17중48 18중11 | 15≈33 15≈48 | 15 X 14 15 X 17 | 20 m. 44 20 m. 54 | 20 x 47 21 x 08 | 18 궁 43 19 궁 06 | 16≈31 16≈46 | 16 × 17 16 × 20 |
| 108 | 19m.02 | 19×137 | 17중39 | 15≈05 | 14 X 18 | 20 m 03 | 20 ₹ 33 | 18중34 | 16≈03 | 15 × 20 | 21 m.04 | 21 🗷 29 | 19중29 | 17≈00 | 16 X 23 |
| 118 | 19m.12 | 19 🗷 59 | 18중03 | 15≈20 | 14 X 21 | 20 m 13 | 20 ₹ 55 | 18공57 | 16≈18 | 15 × 24 | 21 m 14 | 21 \$751 | 19중52 | 17≈15 | 16 × 26 |
| 12S | 19m22 | 20×21 | 18궁26 | 15≈35 | 14 ¥ 25 | 20 m.24 | 21 🗷 17 | 19궁20 | 16≈32 | 15 ¥ 27 | 21 m 25 | 22 🗷 13 | 20궁14 | 17≈29 | 16 X 29 |
| 13S 14S | 19m.33 19m.43 | 20 ₹ 42 21 ₹ 04 | 18 궁 49 19 궁 12 | 15≈50 16≈05 | 14 ¥ 28 14 ¥ 32 | 20 m 34 20 m 44 | 21 ₹ 38 22 ₹ 01 | 19중43 20중06 | 16≈47 17≈02 | 15 ¥ 30 15 ¥ 33 | 21 m.35 21 m.46 | 22 x 34 22 x 57 | 20중37 21중01 | 17≈44 17≈58 | 16 ¥ 32 16 ¥ 35 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 19 m. 53 20 m. 04 | 21 × 27 21 × 49 | 19 궁 36 19 궁 59 | 16≈20 16≈35 | 14 X 35 14 X 39 | 20 m.55 21 m.06 | 22 ₹ 23 22 ₹ 45 | 20중30 20중53 | 17≈16 17≈31 | 15 ¥ 37 15 ¥ 40 | 21 m.56 22 m.07 | 23 × 19 23 × 41 | 21중24 21중47 | 18≈13 18≈27 | 16 × 38 |
| 17S | 20 m 15 | 22 ₮ 12 | 20중23 | 16≈50 | 14 X 42 | 21 m 17 | 23 × 08 | 21중17 | 17≈46 | 15 × 43 | 22 m 19 | 24 🗷 04 | 22중10 | 18≈42 | 16 X 44 |
| 18S | 20 m 26 | 22 🗷 35 | 20중47 | 17≈05 | 14 × 46 | 21 m 28 | 23 🗷 31 | 21340 | 18≈00 | 15 × 46 | 22 m 30 | 24 7 27 | 22중34 | 18≈56 10 10 | 16×47 |
| 198 | 20m.37 | 22 🗷 59 | 21311 | 17≈20 | 14 X 49 | 21 m 39 | 23 🗷 55 | 22304 | 18≈15 | 15 ¥ 50 | 22 m. 41 | 24 🗷 51 | 22357 | 19≈10 | 16 × 50 |
| 20S 21S | 20 m. 48 21 m. 00 | 23 ₹ 22 23 ₹ 46 | 21궁35 21궁59 | 17≈35 17≈50 | 14 X 53 14 X 57 | 21 m.51 22 m.03 | 24 ∡ 18 24 ∡ 43 | 22중28 22중52 | 18≈30 18≈45 | 15 ¥ 53 15 ¥ 56 | 22 m.53 23 m.05 | 25 ₹ 14 25 ₹ 38 | 23중21 23중45 | 19≈25 19≈40 | 16 X 53 |
| 22S | 21 m 12 | 24 🗷 11 | 22 공 24 | 17≈30 18≈05 | 15 X 00 | 22 m 14 | 25×107 | 23중16 | 19≈00 | 16 × 00 | 23 m 17 | 26 × 03 | 24 중 09 | 19≈54 | 16 X 59 |
| 23S | 21 m.24 | 24×36 | 22348 | 18 ≈ 20 | 15 × 04 | 22 m 27 | 25 × 32 | 23341 | 19≈15 | 16 × 03 | 23 m 29 | 26×28 | 24333 | 20≈09 | 17 × 03 |
| 24S | 21 m 36 | 25 ₹ 01 | 23중13 | 18≈36 | 15 X 07 | 22 m 39 | 25 ₹ 57 | 24궁06 | 19≈30 | 16 € 07 | 23 m.42 | 26 ₹ 53 | 24궁58 | 20≈23 | 17 X 06 |
| 25S 26S | 21 m.49 22 m.02 | 25 ₹ 27 25 ₹ 53 | 23 궁 38 24 궁 04 | 18≈51 19≈06 | 15 X 11 15 X 15 | 22 m 52 23 m 05 | 26 ₹ 23 26 ₹ 49 | 24궁30 24궁56 | 19≈45 20≈00 | 16 X 10 | 23 m.55 24 m.08 | 27 ₹ 18 27 ₹ 44 | 25 る 22 25 る 47 | 20≈38 20≈53 | 17 ¥ 09 17 ¥ 12 |
| 20S | 22 m 15 | 25 x·33 26 x 19 | 24 8 04 24 공 29 | 19≈00 | 15 X 13 | 23 m 18 | 20x 49 27 x 15 | 24 8 30 25 중 21 | 20≈00 20≈15 | 16 X 17 | 24 m 21 | 28 × 11 | 26중13 | 20≈33 21≈08 | 17 X 12 |
| 28S | 22 m 28 | 26 ₹ 46 | 24궁55 | 19≈38 | 15 ¥ 22 | 23 m 32 | 27 ∡ 42 | 25중47 | 20≈30 | 16 ¥ 20 | 24m35 | 28 ₹ 38 | 26중38 | 21≈23 | 17 X 19 |
| 29S | 22 m 42 | 27 ₹ 14 | 25중21 | 19≈53 | 15 ¥ 26 | 23 m 46 | 28 ₹ 10 | 26중13 | 20≈46 | 16 ¥ 24 | 24 m.49 | 29 ₹ 05 | 27る04 | 21≈38 | 17 ¥ 22 |
| 30S 31S | 22 m. 56 23 m. 11 | 27 ₹ 42 28 ₹ 11 | 25 궁 48 26 궁 15 | 20≈09 20≈25 | 15 ¥ 30 15 ¥ 34 | 24 m 00 24 m 15 | 28 ₹ 38 29 ₹ 06 | 26궁39 27궁06 | 21≈02 21≈17 | 16¥27 16¥31 | 25 m.03 25 m.18 | 29 x 33 0 る 02 | 27 る 30 27 る 56 | 21≈54 22≈09 | 17 ¥ 25 17 ¥ 29 |
| 32S | 23 m 26 | 28×11 28×40 | 26 공 42 | 20≈23 20≈42 | 15 X 34 | 24 m 30 | 29 ₹ 36 | 27 공 32 | 21≈17 21≈33 | 16 X 35 | 25 m 33 | 0802 | 28 공 23 | 22≈25 22≈25 | 17 X 29 |
| 33S | 23 m.41 | 29 🗷 11 | 27중10 | 20≈58 | 15 X 42 | 24 m. 45 | 0중06 | 28중00 | 21≈49 | 16 ¥ 38 | 25 m 49 | 1중01 | 28궁50 | 22≈41 | 17 3 6 |
| 34S | 23 m 57 | 29 ₹41 | 27중38 | 21≈15 | 15 X 46 | 25 m 01 | 0중36 | 28328 | 22≈06 | 16 ¥ 42 | 26m05 | 1중31 | 29궁17 | 22≈56 | 17 X 39 |
| 35S 36S | 24 m. 13 24 m. 30 | 0중13 0중45 | 28 궁 06 28 궁 35 | 21≈31 21≈48 | 15 X 50 15 X 54 | 25 m 18 25 m 35 | 1 3 08 1 3 40 | 28궁56 29궁24 | 22≈22 22≈39 | 16 × 46 16 × 50 | 26 m. 22 26 m. 39 | 2 3 02 2 3 34 | 29 ⋜ 45 0≈13 | 23≈13 23≈29 | 17 X 43 |
| 37S | 24 m 47 | 1공18 | 29정04 | 22≈06 | 15 X 58 | 25 m 52 | 2 日 13 | 29 궁 53 | 22≈55 | 16 × 54 | 26m.57 | 3중07 | 0≈13 | 23≈45 | 17 X 50 |
| 38S | 25 m 05 | | 29궁34 | | 16 X 02 | | 2847 | | | 16 ¥ 58 | | | | 24≈02 | |
| 39S | 25 m 24 | 2327 | 0≈05 | 22≈41 | 16 X 07 | 26 m 29 | 3중21 | 0≈53 | 23≈30 | 17 € 02 | 27m34 | 4중15 | 1≈41 | 24≈19 | 17 X 57 |
| 40S 41S | 25 m. 43 26 m. 03 | 3 중 03 3 중 40 | 0≈35 1≈07 | 22≈59 23≈17 | 16 X 11 | 26 m. 48 27 m. 09 | 3중57 4중33 | 1≈23 1≈54 | 23≈47 24≈05 | 17 ¥ 06 17 ¥ 10 | 27 m.53 28 m.14 | 4중50 5중27 | 2≈11 2≈42 | 24≈36 24≈54 | 18 ¥ 01 18 ¥ 05 |
| 42S | 26 m 24 | 4정18 | 1≈07 | 23≈17 23≈35 | 16 X 20 | 27 m 30 | 5중11 | 2≈26 | 24≈03 24≈23 | 17 X 15 | 28 m 35 | 6 3 04 | 3≈13 | 25≈11 | 18 × 09 |
| 43S | 26m46 | 4궁57 | 2≈12 | 23≈54 | 16 ∺ 25 | 27 m 51 | 5궁50 | 2≈58 | 24≈42 | 17 X 19 | 28 m 57 | 6정43 | 3≈45 | 25≈29 | 18 X 13 |
| 44S | 27m08 | 5중37 | 2≈45 | 24≈13 | 16 | 28 m 14 | 6중30 | 3≈31 | 25≈00 | 17 ¥ 24 | 29 m.20 | 7중23 | 4≈18 | 25≈48 | 18 |
| 45S 46S | 27 m. 32 27 m. 56 | 6 3 19 7 3 02 | 3≈19 3≈54 | 24≈33 24≈52 | 16 ¥ 35 16 ¥ 40 | 28 m. 38 29 m. 02 | 7정11 7정54 | 4≈05 4≈40 | 25≈20 25≈39 | 17 ¥ 28 17 ¥ 33 | 29 m. 43 0 ≈ 08 | 8 3 04 8 3 46 | 4≈51 5≈25 | 26≈06 26≈25 | 18 ¥ 22 18 ¥ 26 |
| 40S 47S | 28 m. 22 | 7 8 02 7 8 46 | 3≈34 4≈30 | 24≈32 25≈13 | 16 X 45 | 29 m 28 | 8 국 38 | 5≈15 | 25≈59 25≈59 | 17 X 33 | 0x108 0x134 | 9 3 29 | 5≈23 6≈00 | 26≈23 26≈45 | 18 X 20 |
| 48S | 28m49 | 8중32 | 5≈06 | 25≈33 | 16 ¥ 50 | 29 m 55 | 9る24 | 5≈51 | 26≈19 | 17 X 43 | 1 ₹ 02 | 10중15 | 6≈35 | 27≈05 | 18 ∺ 35 |
| 49S | 29 m 17 | 9중20 | 5≈44 | 25≈55 | 16 X 55 | 0 ₹ 24 | 10중11 | 6≈28 | 26≈40 | 17 ¥ 48 | 1 ₹ 30 | 11중01 | 7≈11 | 27≈25 | 18 X 40 |
| 50S 51S | 29 m.47 0 ≈ 18 | 10 궁 09 11 궁 00 | 6≈22 7≈01 | 26≈16 26≈38 | 17 ¥ 01 17 ¥ 07 | 0 ₹ 54 1 ₹ 25 | 10궁59 11궁50 | 7≈05 7≈44 | 27≈01 27≈22 | 17 X 53 17 X 58 | 2 ₹ 00 2 ₹ 32 | 11る50 12る40 | 7≈49 8≈27 | 27≈45 28≈07 | 18 ¥ 45 18 ¥ 50 |
| 51S 52S | 0×18 | 11중00 | 7≈01 7≈42 | 20≈38 27≈01 | 17 X 07 | 1 × 23 | 11630 12 중 43 | 7≈44 8≈24 | 27≈22 27≈44 | 17 X 38 18 X 04 | 3 x 05 | 12540 13 3 32 | 8≈27 9≈06 | 28≈07 28≈28 | 18 H 50 |
| 53S | 1 ₹ 26 | 12중48 | 8≈23 | 27≈24 | 17 X 19 | 2 ₹ 34 | 13중37 | 9≈05 | 28≈07 | 18 X 09 | 3 ₹ 40 | 14궁25 | 9≈46 | 28≈50 | 19 ₩ 00 |
| 54S | 2 ₹ 03 | 13중46 | 9≈05 | 27≈48 | 17 X 25 | 3 🗷 11 | 14궁34 | 9≈46 | 28≈30 | 18 X 15 | 4 🗷 18 | 15321 | 10≈27 | 29≈13 | 19 X 05 |
| 55S 56S | 2 ₹ 42 3 ₹ 24 | 14중45 15중47 | 9≈49 10≈34 | 28≈12 28≈37 | 17 X 31 17 X 38 | 3 ₹ 50 4 ₹ 32 | 15 군 33 16 군 34 | 10≈29 11≈14 | 28≈54 29≈18 | 18 ¥ 21 18 ¥ 27 | 4 ₹ 57 5 ₹ 39 | 16 3 20 17 3 20 | 11≈10 11≈53 | 29≈36 0 ¥ 00 | 19 X 11 |
| 57S | 4×109 | 13547 16중52 | 10≈34 | 28≈37 29≈03 | 17 X 38 | 4 × 32 5 × 17 | 10 5 34 17 중 38 | 11≈14 11≈59 | 29≈18 29≈44 | 18 X 27 | 6×124 | 17620 18 云 23 | 11≈33 | 0 X 00 0 X 25 | 19 X 17 |
| 58S | 4 <i>≯</i> 57 | 17궁59 | 12≈08 | 29≈29 | 17 ∺ 52 | 6 ₹ 04 | 18중44 | 12≈46 | 0 X 09 | 18 X 40 | 7 <i>≱</i> 12 | 19る29 | 13≈24 | 0 ₩ 50 | 19 X 29 |
| 59S | 5 <i>≱</i> 148 | 19중10 | 12≈57 | 29≈56 | 17 X 59 | 6 <i>≱</i> 156 | 19궁54 | 13≈35 | 0 ¥ 36 | 18 ¥ 47 | 8 ₹ 03 | 20중38 | 14≈12 | 1 X 16 | 19 ₩ 35 |
| 60S | 6×143 | 20중23 | 13≈48 | 0 X 24 | 18 × 07 | 7 × 50 | 21중06 | 14≈24 | 1 X 04 | 18 × 54 | 8 x 1 5 7 | 21349 | 15≈01 | 1 X 43 | 19 X 42 |
| 61S 62S | 7 ∡ 42 8 ∡ 46 | 21 궁 40 23 궁 01 | 14≈40 15≈34 | 0 X 53 1 X 23 | 18 X 15 18 X 23 | 8 ₹ 50 9 ₹ 53 | 22중22 23중41 | 15≈16 16≈09 | 1 ¥ 32 2 ¥ 01 | 19 X 02 19 X 10 | 9₹56 11₹00 | 23 궁 04 24 궁 22 | 15≈52 16≈44 | 2 X 10 2 X 39 | 19 X 49 19 X 56 |
| 63S | 9×155 | 24궁25 | 16≈30 | 1 X 54 | 18 X 32 | 11 ₹ 02 | 25중04 | 17≈04 | 2 X 31 | 19¥18 | 12 \$\times 09\$ | 25844 | 17≈38 | 3 × 08 | 20 ¥ 03 |
| 64S | 11 % 10 | 25중53 | 17≈28 | 2 X 26 | 18 ∺ 41 | 12 ₮ 18 | 26중31 | 18≈01 | 3 ¥ 02 | 19 ¥ 26 | 13 ₹ 24 | 27중09 | 18≈34 | 3 X 39 | 20 X 11 |
| 65S | 12 🗷 33 | 27325 | 18≈28 | 2 X 59 | 18 X 50 | 13 × 39 | 28 궁 02 | 19≈00 | 3 X 35 | 19 ¥ 35 | 14 🗷 45 | 28⋜39 | 19≈32 | 4 X 11 | 20 × 19 |
| 66S pc | 14 ∡ 03 14 ∡ 57 | 29 궁 02 29 궁 58 | 19≈29 20≈05 | 3 X 34 3 X 53 | 19 ¥ 00 19 ¥ 06 | 15 ₹ 09 16 ₹ 03 | 29 ට 37 0≈32 | 20≈01 20≈36 | 4 X 08 4 X 28 | 19 X 44 | 16 ₹ 14 17 ₹ 08 | 0≈12 1≈07 | 20≈32 21≈06 | 4 X 43 5 X 02 | 20 \(\pm 28\) 20 \(\pm 33\) |
| Calcula | | | | | | | | | | | 1, 2 00 | 1~07 | 21~00 | J / 02 | 20,733 |

| 188 28 | | Sid.Tin MC: | | 12m A 30'04 | RMC: 1 | 98°00' | Sid.Tir MC: | | 16m A 34'15 | RMC: 1 | 99°00' | Sid.Tir MC: | ne: 13h2 21 ≏ | 20m A :38'19 | RMC: 2 | 200°00' |
|--|-------------|----------------|---------|----------------|-------------------|--------------------|----------------|---------|----------------|---------------|--------------------|----------------|-------------------------|-----------------|--|--|
| 18 | at | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| Section Sect | os 2 | 20 m. 26 | 18∡57 | 16중35 | 15≈32 | 16 | 21 m 25 | 19∡53 | 17ਰ31 | 16≈32 | 18 ∺ 02 | 22 m. 24 | 20 ∡ 48 | 18중27 | 17≈33 | 19 ¥ 07 |
| 188 20.005 9.959 17644 16947 17406 21.054 20.054 1840 17416 21.054 22.05 1958 185 21.014 20.014 23.05 1958 185 21.014 20.014 23.05 20.055 21.054 23.05 23. | | | | | | | | | | | | | | | 17≈47 | 19 × 09 |
| 48 2110-14 20.749 188-07 10-931 17408 21m/14 21m/34 188-15 23 m/44 23 m/4 23 m/4 <th></th> <th>18≈02</th> <th>19 X 12</th> | | | | | | | | | | | | | | | 18≈02 | 19 X 12 |
| SS 211.1.4 20.740 18830 16446 17941 17941 17940 17940 17940 17940 17940 17940 17940 17940 17940 17940 17940 17940 17940 17940 20144 22,747 20160 188-18 23,244 22,743 20140 188-18 23,244 22,743 20160 17940 17940 27040 20060 17944 17943 22,843 20160 20160 20063 188-18 23,244 23,243 20160 17944 22,843 20160 18942 21,814 19940 18941 24,114 23,114 20,114 22,833 21,813 21,814 23,914 22,833 23,114 23,833 21,813 21,814 23,914 23,833 23,814 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 23,833 <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>18≈16 18≈30</th><th>19 X 14 19 X 16</th></th<> | | | | | | | | | | | | | | | 18≈16 18≈30 | 19 X 14 19 X 16 |
| See 2 18.04 2 18.05 18.05 17.06 17.94 2 12.05 19.05 19.05 18.05 18.18 2 18.12 2 22.05 2 10.05 10.05 2 18.05 17.05 17.05 2 18.05 2 | | | | | | | | | | | | | | | 18≈45 | 19 X 19 |
| The State | | | | | | | | | | | | | | | 18≈59 | 19 X 21 |
| 198 218.54 22.904 20761 179-44 17923 228.55 23.905 23.905 23.955 | | | | | | | | | | | | | | | 19≈13 | 19 X 24 |
| 108 | | | | | | | | | | | | | | | 19≈26 | 19 ₩ 26 |
| Section Sect | | | | | | | | | | | | | | | 19≈40 | 19 ₩ 28 |
| 125 128 | | | | | | | | | | | | | | | 19≈54 | 19 X 31 |
| 188 22m.36 23m30 23m32 23m52 23m64 27m37 23m48 24m32 22m36 24m37 25m2 22m36 23m37 23m48 23m37 | | | | | | | | | | | | | | | 20≈08 20≈21 | 19 ¥ 33 19 ¥ 35 |
| 145 | | | | | | | | | | | | | | | 20≈35 | 19 × 38 |
| 168 23m.09 24m37 22m41 19m237 17m45 24m.10 25m50 23m50 22m40 19m237 17m45 24m.10 25m50 23m43 25m23 23m23 | 4S 2 | 22 m 47 | 23 ⋠ 52 | 21궁55 | 18≈55 | | 23 m 48 | 24 ∡ 48 | 22궁49 | 19≈52 | | 24 m 48 | 25 ₹ 44 | 23중43 | 20≈49 | 19 X 40 |
| 178 23 m.2 25 m | 5S 2 | 22 m. 58 | 24 ≉ 15 | 22중18 | 19≈09 | 17 X 39 | 23 m 59 | 25 ₹ 10 | 23중12 | 20≈06 | 18¥41 | 24 m 59 | 26 ₹ 06 | 24궁06 | 21≈02 | 19 X 42 |
| 1885 23 m.31 23 m.23 23 m.27 19 m.25 17 m.48 2 m.26 24 m.33 26 m.29 24 m.21 20 m.26 17 m.51 24 m.4 26 m.24 24 m.24 24 m.24 24 m.24 24 m.26 24 m.26 24 m.26 24 m.26 24 m.26 24 m.26 25 m.26 24 m.26 25 m.26 24 m.26 24 m.26 25 m.26 24 | | - 1111 | | | | | | | | | | | | 24중28 | 21≈16 | 19 × 45 |
| 1985 23 m.43 25 p.46 23 c.51 20 e.06 17 k.51 24 m.44 26 p.42 24 c.44 21 e.01 18 k.51 25 m.45 27 p.30 26 c.52 | | | | | | | | | | | | | | | 21≈30 21≈43 | 19 X 47 |
| 208 23 m.55 26 m.7 24 m.7 26 m.4 20 m.20 17 m.54 24 m.56 27 m.06 25 m.07 21 m.15 18 m.54 25 m.57 28 m.01 26 m.07 27 m.07 2 | | | | | | | | | | | | | | | 21≈43 21≈57 | 19 X 49 |
| 1SIS 24 m.07 26 A.34 24 338 20 m.34 17 X50 25 m.08 27 A.30 25 531 12 m.29 18 M.50 20 m.00 28 A.24 26 42 1 2 238 24 m.31 27 A.32 25 502 20 m.00 18 M.00 25 m.30 28 A.91 26 541 21 m.57 19 M.00 26 m.35 29 A.70 47 7611 2 248 24 m.44 27 A.84 25 550 21 m.01 18 M.00 25 m.50 28 A.00 26 m.01 26 m.01 27 7631 2 255 24 m.47 28 A.14 26 m.13 28 M.00 27 760 22 2.26 19 M.00 27 760 22 2.26 10 M.00 27 755 22 2.24 10 M.00 28 2.20 10 M.00 28 2.20 27 755 22 2.24 10 M.00 22 2.20 20 2.20 10 75 755 22 2.24 10 75 755 22 2.24 10 75 75 | | | | | | | | | | | | | | | 22 ≈ 11 | 19 X 54 |
| 33S 24m.31 27g.23 25g.60 21se03 88M02 25m.33 28g.91 26m.82 21se07 19m.00 25m.40 25m.30 29m.30 27m.40 28m.40 27m.40 22m.10 18m.11 26m.10 27m.50 27m.40 22m.10 18m.11 26m.20 20m.27 276 22m.60 19m.10 27m.10 0.8030 28m.21 28m.21 29m.00 27m.50 20m.20 27m.50 20m.20 27m.50 20m.20 27m.50 20m.20 20m.20< | | | | | | | | | | | | | | | 22≈24 | 19 X 57 |
| 248. 248. 248. 2569 21 21 18 18 25 258. 24 26 22 22 22 19 19 26 28 29 29 27 28 28 24 26 24 22 22 22 24 29 20 27 28 24 26 23 22 22 22 24 29 20 27 20 22 22 28 28 28 28 28 | | | | | | | | | | | | | | | 22≈38 | 19 X 59 |
| 258 24 25 | | | | | | | | | | | | | | | 22≈52 | 20 × 01 |
| 268 25m.10 28.74 26.73 21.847 18.11 26m.13 29.735 27.31 22.840 19.11 27m.14 0730 28.723 28.85 25m.24 29.706 27.7604 22.801 18.11 26m.13 29.735 27.7625 22.841 19.11 27m.26 0750 28.847 2.846 23.849 19.11 27m.26 0750 29.737 2.846 23.846 23.849 19.11 27m.57 1650 29.737 2.846 23.846 23.846 23.846 23.846 19.11 27m.57 1650 29.737 2.846 23.846 | | | | | | | | | | | | | | | 23≈06 | 20 × 04 |
| 278 28 28 29 29 276 27604 22 20 18 14 26 26 26 26 276 22 25 28 38 29 33 27 29 22 22 26 18 18 26 26 26 28 23 24 29 18 18 27 27 27 28 29 29 25 25 28 28 25 23 28 28 21 23 29 29 29 25 25 25 25 28 26 23 24 19 18 27 27 16 20 29 23 23 21 23 26 23 24 24 24 24 27 26 26 26 23 23 23 26 23 24 27 24 26 26 26 27 26 26 26 27 28 27 26 26 26 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 28 | | | | | | | | | | | | | | | 23≈20 23≈34 | 20 \(\cdot\) 06 20 \(\cdot\) 09 |
| 298 | | | | | | | | | | | | | | | 23≈48 | 20 X 11 |
| 30S | | | | | | | | | | | | | | | 24≈02 | 20 X 14 |
| 31S 26m.21 0657 28547 23s01 18\(2) 27m.40 1551 29537 23s53 19\(1)\(2) 42 28m.27 2546 0s28 23852 26m.33 1755 29540 23s32 18\(1)\(3) 23s16 18\(1)\(2) 27m.40 2550 0ss30 24s23 19\(1)\(3) 28m.29 3544 1s20 23s32 18\(1)\(3) 38m.33 25m.55 29540 23s32 18\(1)\(3) 37m.56 2550 0ss30 24s23 19\(1)\(3) 3 28m.59 3544 1s20 23s32 28m.33 25m.56 27m.50 0ss30 24s23 19\(1)\(3) 3 28m.59 3544 1s20 23s32 28m.20 23s32 28m.20 3551 1s24 24s85 19\(1)\(3) 3 29m.15 4514 1s46 2358 27m.26 2557 0ss34 24s91 18\(1)\(4) 3 28m.20 3551 1s24 24s54 19\(1)\(3) 3 29m.15 5516 2s40 23s32 28m.20 3551 1s24 24s54 19\(1)\(3) 3 29m.15 5516 2s40 23s32 28m.10 3508 28m.19 4534 2s00 24s25 18\(1)\(4) 455 29m.23 5528 2s41 19\(1)\(4) 5 0s708 5546 3s08 23s82 28m.38 5500 2s29 25s68 18\(1)\(3) 3 29m.45 6502 3s29 25s68 18\(1)\(3) 3 29m.45 6502 3s29 25s68 18\(1)\(3) 3 29m.45 6502 3s29 25s64 19\(1)\(6) 3 25s65 19\(1)\(4) 4 25s5 4s65 2s40 25s65 19\(1)\(4) 4 25s5 2s40 2s456 2s46 2 | 9S 2 | 25 m 52 | 0800 | 27궁55 | 22≈31 | 18 ¥ 20 | 26 m 55 | 0중55 | | 23≈24 | 19 ¥ 18 | | 1중50 | 29중37 | 24≈16 | 20 ¥ 16 |
| 282 26m.37 | | | | | | | | | | | | | | | 24≈31 | 20 X 19 |
| 338 26m.53 1255 29740 23 3 2 18 3 3 27m.56 250 0 20 0 0 24 23 19 3 0 28m.59 3744 1 20 0 2 | | | | | | | | | | | | | | | 24≈45 25≈00 | 20 \(\frac{7}{20}\) \(\frac{7}{24}\) |
| 348 27m.09 2\tilde{2} 2657 0.807 23.847 18\tilde{3} 28m.12 3\tilde{2} 3\tilde{2} 0.805 24.838 19\tilde{3} 39m.15 4\tilde{3} 4\tilde{4} 1.846 2 3\tilde{5} 2 3\tilde{5} 3\tilde{5} 3 3 3 29m.50 3\tilde{5} 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | 25≈14 | 20 X 27 |
| 368 27m.43 33 \(\operatornum 2 \) 24\(\operatornum 1 \) 28m.41 4\(\operatornum 4 \) 4\(\operatornum 1 \) 24\(\operatornum 1 \) 4\(\operatornum 1 \) 4\(\operatornu | 4S 2 | 27m.09 | | 0≈07 | 23≈47 | 18 ∺ 36 | 28 m 12 | 3중20 | 0≈57 | 24≈38 | 19 X 33 | 29 m 15 | 4궁14 | 1≈46 | 25≈29 | 20 ¥ 30 |
| 378 28m.01 4\overline{\pi}01 1\overline{\pi}31 24\overline{\pi}35 18\overline{\pi}46 29\mu.04 4\overline{\pi}55 2\overline{\pi}19 25\overline{\pi}25 19\overline{\pi}42 0\overline{\pi}08 5\overline{\pi}48 3\overline{\pi}08 24\overline{\pi}52 18\overline{\pi}46 29\mu.02 3\overline{\pi}17 5\overline{\pi}28 22\overline{\pi}48 22\overline{\pi}46 0\overline{\pi}26 6\overline{\pi}21 3\overline{\pi}36 20\overline{\pi}28 25\overline{\pi}48 0\overline{\pi}46 6\overline{\pi}55 4\overline{\pi}59 25\overline{\pi}58 28\overline{\pi}48 0\overline{\pi}46 6\overline{\pi}55 4\overline{\pi}56 4\overline{\pi}47 4\overline{\pi}68 4\overline{\pi}48 2\overline{\pi}56 2\overline{\pi}56 8\overline{\pi}56 5\overline{\pi}32 4\overline{\pi}56 4\overline{\pi} | 5S 2 | 27m.26 | 2ਰ57 | 0≈34 | 24≈03 | 18 ∺ 39 | 28 m.29 | 3ਰ51 | 1≈24 | 24≈54 | 19 ¥ 36 | 29 m 32 | 4중45 | 2≈13 | 25≈44 | 20 X 32 |
| 388 28m.19 4534 2≈00 24≈52 18±49 29m.23 5±28 2≈48 25≈41 19±45 0≈26 6±21 3≈36 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | 26≈00 | 20 × 35 |
| 398 28m38 5809 2≈29 25≈08 18\times 29m42 6802 3≈17 25≈57 19\times 48 0\times 46 6\times 55 4≈05 2408 28m58 5\times 44 2≈59 25≈25 18\times 6 0\times 02 6\times 37 3≈46 26≈14 19\times 51 1\times 06 7\times 30 4≈34 2418 29m18 6\times 20 3≈29 25≈42 19\times 00 0\times 22 7\times 13 4≈16 26≈31 19\times 55 1\times 26 8\times 65 5≈03 2428 29m40 6\times 57 4≈00 25≈59 19\times 40 0\times 44 7\times 50 4≈47 26≈48 19\times 55 1\times 48 8\times 42 5≈34 2438 0\times 27 8\times 13 26≈17 19\times 07 1\times 06 8\times 28 5≈18 27≈05 20\times 02 2\times 10 9\times 20 6≈04 2488 0\times 25 8\times 15 5≈04 26≈35 19\times 11 1\times 29 9\times 07 5≈50 27≈22 20\times 05 2\times 33 9\times 58 6\times 62 2\times 33 9\times 58 6\times 62 2\times 34 2\times 488 2\times 62 2\t | | | | | | | | | | | | | | | 26≈15 26≈31 | 20 \(\pi 38\) 20 \(\pi 41\) |
| 41S 29m.18 6 20 3 ≈ 29 25 ≈ 42 19 ± 00 0 22 7 ± 13 4 ≈ 16 26 ≈ 31 19 ± 55 1 ± 26 8 ± 05 5 ≈ 03 2 42S 29m.40 6 ± 57 4 ≈ 10 25 ≈ 59 19 ± 104 0 ± 44 7 ± 75 0 4 ≈ 47 26 ≈ 48 19 ± 58 1 ± 48 8 ± 42 5 ≈ 13 4 2 43S 0 ± 02 7 ± 05 5 ≈ 13 26 ≈ 17 19 ± 07 1 ± 06 8 ± 28 5 ≈ 18 27 ≈ 05 20 ± 02 2 ± 10 9 ± 20 6 ≈ 04 2 44S 0 ± 25 8 ± 15 5 ≈ 04 26 ≈ 35 19 ± 11 1 ± 29 9 ± 07 5 ≈ 50 27 ≈ 22 20 ± 05 2 ± 03 3 9 ± 58 6 ≈ 36 2 48S 0 ± 24 8 ± 55 5 ≈ 04 26 ≈ 35 19 ± 11 1 ± 29 9 ± 07 5 ≈ 50 27 ≈ 22 20 ± 05 2 ± 03 3 9 ± 58 6 ≈ 36 2 48S 0 ± 24 9 ± 05 5 5 ≈ 04 26 ≈ 35 19 ± 11 1 ± 29 9 ± 07 5 ≈ 50 27 ≈ 22 20 ± 05 2 ± 03 3 9 ± 58 6 ≈ 36 2 48S 0 ± 24 9 ± 05 7 ≈ 12 19 ± 19 19 2 ± 18 10 ± 29 6 ≈ 55 27 ≈ 58 20 ± 13 3 × 23 11 ± 20 7 ≈ 40 2 47S 1 ± 40 10 ± 21 6 ≈ 44 27 ≈ 31 19 ± 23 2 ± 45 11 ± 11 7 ≈ 29 28 ≈ 17 20 ± 16 3 × 49 12 ± 02 2 ≈ 14 2 48S 2 ± 07 11 ± 05 7 ≈ 19 27 ≈ 50 19 ± 28 3 × 12 11 ± 56 8 ≈ 03 28 ≈ 36 20 ± 00 4 ± 17 12 ± 66 8 ≈ 48 2 49S 2 ± 36 11 ± 51 7 ≈ 55 28 ≈ 10 19 ± 32 3 × 41 12 ± 42 8 ≈ 39 28 ≈ 55 20 ± 24 4 × 46 13 ± 31 9 ≈ 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | 26≈47 | 20 X 44 |
| 41S 29m.18 6 20 3 29 25 242 19 10 0 0 22 7 3 3 4 26 6 26 23 1 19 15 5 1 26 8 50 5 5 20 3 2 42S 29m.40 6 5 7 4 20 0 25 25 9 19 10 40 0 24 4 7 5 0 4 20 4 20 4 20 5 2 1 2 2 10 9 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | 3≈46 | | | 1×106 | | 4≈34 | 27≈03 | 20¥47 |
| 438 | | | | | | | | | | | | | | | 27≈19 | 20 X 50 |
| 44S 0x25 8815 5≈04 26≈35 19¥11 1x29 9≅07 5≈50 27≈22 20±05 2x33 9≅58 6≈36 2 45S 0x49 8€55 5≈36 26≈53 19¥15 1x53 9€47 6≈22 27≈40 20±09 2x58 10€38 7≈08 2 46S 1x14 9€37 6≈10 27≈12 19¥19 2x18 10€29 6≈55 27≈58 20±13 3x23 11€20 7≈40 2 48S 2x07 11€05 7≈19 27≈50 19±28 3x12 11€56 8≈36 20±20 4x17 12€46 8≈48 2 49S 2x36 11€51 7≈55 28≈10 19±32 3x41 12€42 8≈39 28≈55 20±20 4x17 12€46 8≈48 2 49S 2x36 11€51 7≈55 28≈10 19±32 3x41 12€42 8≈39 28≈55 20±20 4x16 13€31 | | | | | | | | | | | | | | | 27≈36 | 20 X 53 |
| 45S | | | | | | | | | | | | | | | 27≈53 28≈10 | 20 \(\pm 56\) 20 \(\pm 59\) |
| 468 | | | | | | | | | | | | | | | | |
| 47S 1 x 40 10 \(\pi 21 \) 6 \(\pi 44 \) 27 \(\pi 31 \) 1 \(\pi 24 \) 2 x 45 11 \(\pi 11 \) 7 \(\pi 29 \) 28 \(\pi 17 \) 20 \(\pi 16 \) 3 x 49 12 \(\pi 02 \) 8 \(\pi 14 \) 248S 2 x 36 11 \(\pi 51 \) 7 \(\pi 55 \) 28 \(\pi 10 \) 19 \(\pi 32 \) 3 x 41 12 \(\pi 42 \) 8 \(\pi 30 \) 28 \(\pi 55 \) 20 \(\pi 24 \) 4 x 17 12 \(\pi 46 \) 8 \(\pi 48 \) 2 28 \(\pi 16 \) 3 x 41 12 \(\pi 42 \) 8 \(\pi 30 \) 28 \(\pi 55 \) 20 \(\pi 28 \) 5 x 16 14 \(\pi 18 \) 9 \(\pi 55 \) 29 \(\pi 33 \) 13 \(\pi 33 \) 13 \(\pi 33 \) 13 \(\pi 33 \) 19 \(\pi 41 \) 4 x 41 13 \(\pi 29 \) 29 \(\pi 55 \) 20 \(\pi 28 \) 5 x 16 14 \(\pi 18 \) 9 \(\pi 55 \) 29 \(\pi 35 \) 20 \(\pi 23 \) 5 x 48 15 \(\pi 77 \) 10 \(\pi 35 \) 10 \(\pi 35 \) 29 \(\pi 55 \) 20 \(\pi 37 \) 6 x 22 \(\pi 27 \) 15 \(\pi 77 \) 10 \(\pi 35 \) 10 \(\pi 30 \) 29 \(\pi 56 \) 20 \(\pi 37 \) 6 x 22 \(\pi 15 \) 10 \(\pi 18 \)< | | | | | | | | | | | | | | | 28≈27 28≈45 | 21 ¥ 02 21 ¥ 06 |
| 49S 2x36 11 □ 51 7≈55 28≈10 19 ∺ 32 3x41 12 □ 42 8≈39 28≈55 20 ⊬ 24 4x46 13 □ 31 9≈22 2 50S 3x66 12 □ 39 8≈32 28≈30 19 ∺ 36 4x11 13 □ 29 9≈15 29≈15 20 ± 28 5x16 14 □ 18 9≈58 5 51S 3x38 13 □ 29 9≈09 28≈51 19 ⊬ 41 4x43 14 □ 18 9≈52 29≈35 20 ⊬ 23 5x48 15 □ 07 10 ∞ 35 5 5x28 4x11 14 □ 20 9≈48 29≈12 19 ⊬ 46 5x17 15 □ 09 10 ≈ 30 29≈56 20 ⊬ 37 6x22 15 □ 57 11 ≈ 12 10 ≈ 35 5x24 13 □ 31 19 ≈ 21 19 ≈ 46 5x17 15 □ 09 10 ≈ 30 29≈56 20 ⊬ 37 6x22 15 □ 57 11 ≈ 12 10 ≈ 35 10 ≈ 35 10 ≈ 30 29≈56 20 ⊬ 37 6x22 15 □ 57 11 ≈ 12 10 ≈ 35 10 ≈ 13 10 ≈ 13 10 ≈ 13 10 ≈ 13 | 7S | 1 ₹ 40 | 10중21 | | 27≈31 | 19 ¥ 23 | 2 ₹ 45 | | | | 20 X 16 | 3 ₹ 49 | 12중02 | | 29≈03 | 21 X 09 |
| 50S 3 \$\pi06\$ 12 \$\pi39\$ 8 \$\pi32\$ 28 \$\pi30\$ 19 \$\pi36\$ 4 \$\pi11\$ 13 \$\pi29\$ 9 \$\pi15\$ 29 \$\pi15\$ 20 \$\pi28\$ 5 \$\pi16\$ 14 \$\pi18\$ 9 \$\pi58\$ 51S 3 \$\pi38\$ 13 \$\pi29\$ 9 \$\pi09\$ 28 \$\pi51\$ 19 \$\pi41\$ 4 \$\pi43\$ 14 \$\pi18\$ 9 \$\pi52\$ 29 \$\pi35\$ 20 \$\pi32\$ 5 \$\pi48\$ 15 \$\pi07\$ 10 \$\pi35\$ 5 \$\pi52\$ 29 \$\pi35\$ 29 \$\pi35\$ 20 \$\pi32\$ 5 \$\pi48\$ 15 \$\pi575\$ 11 \$\pi12\$ 10 \$\pi30\$ 29 \$\pi56\$ 20 \$\pi37\$ 6 \$\pi22\$ 15 \$\pi575\$ 11 \$\pi12\$ 13 \$\pi575\$ 12 \$\pi30\$ 11 \$\pi609\$ 11 \$\pi609\$ 11 \$\pi609\$ 17 20 \$\pi41\$ 6 \$\pi575\$ 16 \$\pi49\$ 11 \$\pi515\$ 11 \$\pi515\$ 11 \$\pi609\$ 11 \$\pi609\$ 11 \$\pi609\$ 11 \$\pi609\$ 11 \$\pi609\$ 11 \$\pi609\$ 13 \$\pi609\$ 14 \$\pi609\$ 11 \$\pi609\$ 14 \$\pi609\$ <th></th> <th>29≈21 20 40</th> <th>21 × 13</th> | | | | | | | | | | | | | | | 29≈21 20 40 | 21 × 13 |
| 51S 3 x 38 13 \(\pi 29 \) 9 \(\pi 09 \) 28 \(\pi 51 \) 19 \(\pi 41 \) 4 x 43 14 \(\pi 18 \) 9 \(\pi 52 \) 29 \(\pi 35 \) 20 \(\pi 32 \) 5 x 48 15 \(\pi 07 \) 10 \(\pi 35 \) 52S 4 x 11 14 \(\pi 20 \) 9 \(\pi 48 \) 29 \(\pi 12 \) 17 \(\pi 509 \) 10 \(\pi 30 \) 29 \(\pi 56 \) 20 \(\pi 37 \) 6 x 22 \) 15 \(\pi 57 \) 11 \(\pi 12 \) 13 \(\pi 17 \) 14 \(\pi 18 \) 15 \(\pi 17 \) 15 \(\pi 57 \) 15 \(\pi 07 \) 10 \(\pi 30 \) 29 \(\pi 56 \) 20 \(\pi 37 \) 12 \(\pi 37 \) 13 \(\pi 17 \) 14 \(\pi 17 \) 14 \(\pi 18 \) 15 \(\pi 57 \) 16 \(\pi 67 \) 16 \(\pi 67 \) 11 \(\pi 17 \) 15 \(\pi 57 \) 16 \(\pi 67 \) 15 \(\pi 57 \) 16 \(\pi 67 \) 11 \(\pi 17 \) 16 \(\pi 57 \) 16 \(\pi 67 \) 11 \(\pi 67 \) 17 \(\pi 37 \) | | | | | | | | | | | | | | | 29≈40 | 21 X 16 |
| 52S 4x11 14∀20 9≈48 29≈12 19∺46 5x17 15∀09 10≈30 29≈56 20∺37 6x22 15∀57 11≈12 15 53S 4x46 15∀14 10≈28 29≈33 19∺51 5x52 16∀01 11≈09 0₩17 20₩41 6x57 16∀49 11≈51 54S 5x24 16∀09 11≈08 29≈56 19₩56 6x29 16∀56 11≈49 0₩38 20₩46 7x35 17∀43 12≈30 55S 6x03 17∀06 11≈50 0₩18 20₩01 7x09 17∀53 12≈30 1₩01 20₩51 8x14 18∀39 13≈10 56S 6x45 18∀06 12≈33 0₩42 20₩06 7x51 18∀52 13≈13 1₩23 20₩55 8x56 19∀38 13≈52 57S 7x30 19∀09 13≈17 1₩06 20₩12 8x36 19∀54 13≈56 1₩47 21₩00 9x41 20∀38 14≈35 58S | | | | | | | | | | | | | | | 0 X 00 | 21 ¥ 20 21 ¥ 24 |
| 53S 4 x 46 15 \overline{\overline{\sigma}14} 10 \overline{\overline{\sigma}28} 29 \overline{\sigma}33} 19 \overline{\sigma}51 5 x 52 16 \overline{\overline{\sigma}01} 11 \overline{\sigma}09 0 \overline{\sigma}17 20 \overline{\sigma}44 1 \overline{\sigma}24 16 \overline{\sigma}56 11 \overline{\sigma}49 0 \overline{\sigma}17 20 \overline{\sigma}44 12 \overline{\sigma}36 12 \overline{\sigma}30 13 \overline{\sigma}10 15 \overline{\sigma}46 12 \overline{\sigma}36 12 \overline{\sigma}36 12 \overline{\sigma}36 17 \overline{\sigma}66 12 \overline{\sigma}36 17 \overline{\sigma}66 12 \overline{\sigma}36 12 \overline{\sigma}36 18 \overline{\sigma}52 18 \overline{\sigma}56 18 \overline{\sigma}47 12 \overline{\sigma}66 18 \overline{\sigma}47 12 \overline{\sigma}66 13 \overline{\sigma}56 14 \overline{\sigma}47 11 \overline{\sigma}60 12 | | | | | | | | | | | | | | | 0 X 19 0 X 39 | 21 X 24 21 X 28 |
| 55S 6 \$\tilde{x}03\$ 17\$\overline{x}06\$ 11\$\tilde{x}50\$ 0\$\tilde{x}18\$ 20\$\tilde{x}01\$ 7\$\tilde{x}09\$ 17\$\overline{x}53\$ 12\$\tilde{x}30\$ 1\$\tilde{x}01\$ 20\$\tilde{x}51\$ 8\$\tilde{x}14\$ 18\$\overline{x}39\$ 13\$\tilde{x}10\$ 56S 6\$\tilde{x}45\$ 18\$\overline{x}06\$ 12\$\tilde{x}33\$ 0\$\tilde{x}42\$ 20\$\tilde{x}06\$ 7\$\tilde{x}51\$ 18\$\overline{x}52\$ 13\$\tilde{x}13\$ 1\$\tilde{x}23\$ 20\$\tilde{x}55\$ 8\$\tilde{x}56\$ 19\$\overline{x}36\$ 1\$\tilde{x}435\$ 1\$\tilde{x}35\$ 1\$\tilde{x}35\$ 1\$\tilde{x}36\$ 1\$\tilde{x}47\$ 21\$\tilde{x}00\$ 9\$\tilde{x}41\$ 20\$\overline{x}38\$ 14\$\tilde{x}35\$ 1\$\tilde{x}35\$ 1\$\tilde{x}49\$ 1\$\tilde{x}60\$ 20\$\tilde{x}17\$ 9\$\tilde{x}24\$ 20\$\overline{x}58\$ 14\$\tilde{x}41\$ 2\$\tilde{x}10\$ 9\$\tilde{x}41\$ 20\$\overline{x}38\$ 14\$\tilde{x}35\$ 1\$\tilde{x}12\$ 2\$\overline{x}38\$ 14\$\tilde{x}35\$ 1\$\tilde{x}21\$ 2\$\overline{x}38\$ 14\$\tilde{x}35\$ 1\$\tilde{x}21\$ 1\$\tilde{x}21\$ 2\$\tilde{x}36\$ 1\$\tilde{x}431\$ 2\$\tilde{x}42\$ 2\$\tilde{x}435\$ 1\$\tilde{x}227\$ 2\$\tilde{x}36\$ 2\$\tilde{x} | | | | | | | 5 ₹ 52 | | | | 20 X 41 | 6 <i>≱</i> 57 | 16궁49 | | 1 X 00 | 21 X 32 |
| 56S 6 x 45 18 8 06 12 x 33 0 x 42 20 x 06 7 x 51 18 8 52 13 x 13 1 x 23 20 x 55 8 x 56 19 38 13 x 52 13 x 52 13 x 13 1 x 23 20 x 55 8 x 56 19 x 38 13 x 52 13 x 52 13 x 56 1 x 47 21 x 00 9 x 41 20 x 38 14 x 35 14 x 35 13 x 56 1 x 47 21 x 00 9 x 41 20 x 38 14 x 35 14 x 35 14 x 49 1 x 56 20 x 17 9 x 24 20 x 58 14 x 41 2 x 11 21 x 06 10 x 29 21 x 24 15 x 19 22 x 36 21 x 11 21 x 20 22 x 34 16 x 24 15 x 27 2 x 36 21 x 11 21 x 20 22 x 34 16 x 24 16 x 24 22 x 34 22 x 34 23 x 37 24 x 20 24 x 37 25 x 34 25 x 34 25 x 24 26 x 34 24 x 20 24 x 37 27 x 36 21 x 11 21 x 14 23 x 56 16 x 31 25 x 34 25 x 34 | 4S | 5 ∡ 24 | 16중09 | 11≈08 | 29≈56 | 19¥56 | 6₹29 | 16중56 | 11≈49 | 0 ¥ 38 | 20 ¥ 46 | 7 ₹ 35 | 17중43 | 12≈30 | 1 ∺ 21 | 21 X 36 |
| 57S 7x30 19509 13x17 1x06 20x12 8x36 1954 13x56 1x47 21x00 9x41 20x38 14x35 1x35 1x30 20x17 9x24 20x58 14x41 2x11 21x06 10x29 21x42 15x19 15x19 1x56 20x23 10x15 22x04 15x27 2x36 21x11 21x20 22x48 16x04 16x04 11x20 22x48 16x04 16x04 16x04 16x51 11x20 12x48 16x24 16x04 16x51 | | | | | | | | | | | | | | | 1 X 43 | 21 × 40 |
| 58S 8 ≠ 18 20 ≅ 14 14 ≈ 03 1 ± 30 20 ± 17 9 ≠ 24 20 ≅ 58 14 ≈ 41 2 ± 11 21 ± 06 10 ≠ 29 21 ₹ 21 15 ≈ 19 59S 9 ≠ 09 21 ₹ 21 14 ≈ 49 1 ± 56 20 ± 23 10 ≠ 15 22 ₹ 04 15 ≈ 27 2 ± 36 21 ± 11 11 ≠ 20 22 ₹ 48 16 ≈ 04 16 ≈ 04 16 ≈ 04 16 ≈ 04 18 ≈ 19 18 ≈ 19 18 ≈ 12 18 ≈ 12 20 ± 23 10 ≠ 15 22 ₹ 04 15 ≈ 27 2 ± 36 21 ± 11 11 ≠ 20 22 ₹ 48 16 ≈ 04 18 ≈ 04 18 ≈ 12 23 ₹ 56 16 ≈ 51 18 ≈ 04 23 ₹ 56 16 ≈ 51 18 ≈ 12 23 ₹ 56 16 ≈ 51 18 ≈ 12 23 ₹ 56 16 ≈ 51 18 ≈ 12 23 ₹ 56 16 ≈ 51 18 ≈ 29 18 ≈ 29 18 ≈ 29 18 ≈ 29 18 ≈ 29 18 ≈ 29 18 ≈ 24 27 ₹ 50 18 ≈ 24 27 ₹ 50 18 ≈ 24 27 ₹ 50 18 ≈ 24 27 ₹ 50 18 ≈ 24 27 ₹ 50 18 ≈ 24 27 ₹ 50 28 ₹ 21 28 ₹ 21 28 ₹ 25 28 ₹ 25 | | | | | | | | | | | | | | | 2 ¥ 05 2 ¥ 28 | 21 X 45 21 X 49 |
| 59S 9 ≠ 09 21 ∃ 21 14 ≈ 49 1 ± 56 20 ± 23 10 ≠ 15 22 ∃ 04 15 ≈ 27 2 ± 36 21 ± 11 11 ≠ 20 22 ∃ 48 16 ≈ 04 16 ≈ 04 16 ≈ 04 18 ≈ 04 18 ≈ 04 11 ≠ 20 22 ∃ 48 16 ≈ 04 18 ≈ 04 18 ≈ 04 11 ≠ 03 23 ∃ 23 ∃ 23 15 ≈ 38 2 ± 22 20 ± 29 11 ≠ 09 23 ∃ 14 16 ≈ 14 3 ± 01 21 ± 17 12 ≠ 14 23 ∃ 56 16 ≈ 51 16 ≈ 51 18 ≈ 13 25 ∃ 08 17 ≈ 39 24 ∃ 27 17 ≈ 04 3 ± 27 21 ± 23 13 ≠ 13 25 ∃ 08 17 ≈ 39 25 ∃ 08 17 ≈ 39 24 ∃ 27 27 ≅ 04 3 ± 27 21 ± 23 13 ≠ 13 25 ∃ 08 17 ≈ 39 24 ≅ 02 24 ∃ 27 27 ≅ 04 3 ± 27 21 ± 23 13 ≠ 13 25 ∃ 08 17 ≈ 39 24 ≅ 02 24 ≅ 02 24 ∃ 23 17 ≈ 54 3 ± 55 21 ± 29 14 ≠ 16 26 ∃ 23 18 ≈ 29 24 ≅ 02 24 ≅ 02 27 ∃ 02 18 ≈ 46 4 ± 23 21 ± 35 15 ≠ 24 27 ∃ 41 19 ≈ 2 | | | | | | | | | | | | | | | 2 X 28 2 X 51 | 21 X 49 21 X 54 |
| 61S 11 № 03 23 ₹45 16 ≈ 28 2 ₭ 49 20 ₭ 36 12 № 08 24 ₹27 17 ≈ 04 3 ₭ 27 21 ₭ 23 13 № 13 25 ₹08 17 ≈ 39 - 62S 12 № 06 25 ₹02 17 ≈ 19 3 ₭ 17 20 ₭ 42 13 № 11 25 ₹34 17 ≈ 54 3 ₭ 55 21 ₭ 29 14 № 16 26 ₹23 18 ≈ 29 - 63S 13 № 15 26 ₹23 18 ≈ 12 3 ₭ 46 20 ₭ 49 14 № 20 27 ₹302 18 ≈ 46 4 ₭ 23 21 ₭ 35 15 № 24 27 ₹341 19 ≈ 21 64S 14 № 29 27 ₹347 19 ≈ 07 4 ₭ 15 20 ₭ 56 15 № 34 28 ₹25 19 ≈ 41 4 ₭ 52 21 ₭ 42 16 № 38 29 ₹02 20 ≈ 14 | | | | | | | | | | | | | | | 3 X 15 | 21 X 59 |
| 61S 11 № 03 23 ₹45 16 ≈ 28 2 ₭ 49 20 ₭ 36 12 № 08 24 ₹27 17 ≈ 04 3 ₭ 27 21 ₭ 23 13 № 13 25 ₹08 17 ≈ 39 - 62S 12 № 06 25 ₹02 17 ≈ 19 3 ₭ 17 20 ₭ 42 13 № 11 25 ₹34 17 ≈ 54 3 ₭ 55 21 ₭ 29 14 № 16 26 ₹23 18 ≈ 29 - 63S 13 № 15 26 ₹23 18 ≈ 12 3 ₭ 46 20 ₭ 49 14 № 20 27 ₹302 18 ≈ 46 4 ₭ 23 21 ₭ 35 15 № 24 27 ₹341 19 ≈ 21 64S 14 № 29 27 ₹347 19 ≈ 07 4 ₭ 15 20 ₭ 56 15 № 34 28 ₹25 19 ≈ 41 4 ₭ 52 21 ₭ 42 16 № 38 29 ₹02 20 ≈ 14 | os 1 | 10∡04 | 22332 | 15≈38 | 2 X 22 | 20 X 29 | 11 🗷 09 | 23云14 | 16≈14 | 3 ∺ 01 | 21 × 17 | 12 ~ 14 | 23중56 | 16≈51 | 3 ¥ 40 | 22 ¥ 04 |
| 63S 13 ₹ 15 26 ₹ 23 18 ≈ 12 3 ₭ 46 20 ₭ 49 14 ₹ 20 27 ₹ 30 18 ≈ 46 4 ₭ 23 21 ₭ 35 15 ₹ 24 27 ₹ 41 19 ≈ 21 64S 14 ₹ 29 27 ₹ 347 19 ≈ 07 4 ₭ 15 20 ₭ 56 15 ₹ 34 28 ₹ 25 19 ≈ 41 4 ₭ 52 21 ₭ 42 16 ₹ 38 29 ₹ 30 20 ≈ 14 | IS 1 | | 23345 | 16≈28 | 2 X 49 | 20 ¥ 36 | 12 ₹ 08 | 24궁27 | | 3 ∺ 27 | 21 ¥ 23 | 13 ₹ 13 | 25중08 | 17≈39 | 4 ¥ 06 | 22 X 10 |
| 64S 14x29 27547 19∞07 4x15 20x56 15x34 28525 19∞41 4x52 21x42 16x38 29502 20∞14 | | | | | | | | | | | | | | | 4 X 33 | 22 X 15 |
| | | | | | | | | | | | | | | | 5 X 00 5 X 28 | 22 ¥ 21 22 ¥ 27 |
| # 1020 # 12 A 20 47 CLU 2 40 M OT T M TO 41 M OT # 10 X DT 47 CLU 40 CLU 1 M AA 1 / 1 M OT 1 / X DA 1 / 1 M OT 1 / X DA 7 M OT 7 M OT | | | | | | | | | | | | | | | 5 X 58 | 22 X 27 |
| | | | | | | | | | | | | | | | 6 X 28 | 22 X 33 |
| | | | | | | | | | | | | | | | 6 X 46 | 22 X 44 |

| SE 2.11.3 2.744 1956 18-68 2.0114 2.11.2 2.17.9 2.01.5 | 13h28m ARMC: 202°00' Sid.Time: 13h32m ARMC: 203 23\overline{9}24\overline{9}40' MC: 24\overline{9}49'40 | | | Sid.Tir MC: | 01°00' | RMC: 2 | 24m A :42'14 | | Sid.Tir MC: | |
|---|--|-------|---------|----------------|--------------------|-------------------|-----------------|---------|----------------|-----|
| 18 | 2 Asc 2 3 11 12 Asc 2 | Asc | 12 | 11 | 3 | 2 | Asc | 12 | 11 | Lat |
| 28 28.48.3 22. | ₹39 20320 19≈35 21¥17 25m20 23₹34 21316 20≈36 22 | 20궁20 | 22 ₹ 39 | 24 m 21 | 20 X 12 | 18≈34 | 19궁24 | 21 🗷 43 | 23 m 23 | 0S |
| 38 28.84 28.843 29.445 29.845 | | | | | | | | | | |
| 48 24.00 2.900 2.005 9.930 9.001 2.500 2.040 2.050 2.004 2.005 2.004 2. | | | | | | | | | | |
| 58 28.11.3 3.9.27 118.16 19-64.2 29.04.2 2.04.3 2.04.2 2.04.3 2.04.2 </th <th></th> | | | | | | | | | | |
| Section Sect | | | | | | | | | | |
| The State 1.5 | | | - | | | - | | | | |
| 1985 248.54 247.51 22545 206.99 20431 258.54 258.54 248.5 | | | | | | | | | | |
| 198 | | | | | | | | | | |
| Sim | ₹46 23♂41 21≈37 21∺34 26m53 26₹41 24♂36 22≈36 22 | 23중41 | 25 ₹ 46 | 25 m 54 | 20 X 31 | 20≈39 | 22궁45 | 24 ₹ 51 | 24 m 54 | 9S |
| 128 58.6.27 52.75 23.751 21.461 0.714 0.715 0. | | | | | | | | | | |
| 188 | | | | | | | | | | |
| 148 58.49 26.493 24.537 21.546 20.442 27.49 27.49 27.494 | | | | | | | | | | |
| 188 | | | | | | | | | | |
| 165 26n.11 27.924 2522 22m2 20M4 27m6 27m2 28m9 26616 23m09 21M47 28m12 29m14 27m10 24m06 1785 26m.34 28m10 26m08 22m39 20M50 27m57 22m2 2m279 2m28 27m24 2m28 2m28 2m28 2m28 2m28 2m28 2m28 2 | | | | | | | | | 26m.00 | |
| 178 268_23 27,447 286_45 22,646 20,448 27,456 27,4 | | | | | | | | | | |
| 1985 26m.46 28m.73 26m.50 22m.55 29m.52 27m.47 29m.28 27m.24 23m.48 21m.55 28m.48 07m.23 28m.17 28m.20 24m.51 21m.55 29m.00 07m.74 28m.10 24m.57 21m.12 29m.20 27m.11 29m.20 27m.13 29m.44 27m.00 23m.19 20m.57 28m.12 07m.57 28m.12 07m.57 28m.12 07m.57 28m.12 07m.57 28m.12 07m.57 29m.12 17m.57 29m.12 27m.57 29m.12 27m.57 29m.12 27m.57 29m.12 27m.57 29m.12 27m.57 27m.57 29m.12 27m.57 27m | x42 26∃38 23≈22 21∺49 28m23 29x37 27∃32 24≈19 22 | 26중38 | | 27 m 23 | 20 ¥ 48 | 22≈26 | 25중45 | | 26 m 23 | 17S |
| 208 28.8.9 28.8.56 26.853 23.806 20.855 278.59 29.872 278.66 24.815 218.57 298.00 0.847 28.800 25.800 23.831 20.855 28.800 24.815 218.57 298.00 25.800 25.800 25.800 23.832 23.800 23.832 23.800 23.832 23.800 23.832 23.800 23.832 23.800 23.832 23.800 23.832 23.800 23.832 23.800 23.8 | | | | | | | | | | |
| 21S 27 m.1 29x20 27816 23x81 20x85 28x80 24x81 21x75 29m.12 1810 29802 25x80 22x82 22x82 27m.36 07609 28803 23x84 22x80 22x82 2 | | | | | | | | | | |
| 2282 27m.23 29m.44 27640 253-33 0M.59 28m.24 0E39 28m.26 0E39 28m.03 23m.66 24m.19 12m.37 16m.1 28m.57 16m.0 28m.57 16m.0 28m.57 16m.0 28m.57 16m.0 28m.50 18m.0 28m.50 18m.0 28m.50 28m.50 28m.50 18m.0 28m.50 18m.0 28m.50 18m.0 28m.50 18m.0 28m.50 28m.50 18m.0 28m.50 28m | | | | | | | | | | |
| 258 27m.36 0509 28603 238-66 21801 28m.37 1504 28656 248-41 22801 29m.58 1509 29648 22803 29m.51 2623 20m.51 2523 20m.51 2523 25249 22805 28m.61 1525 29614 248-27 21808 29m.81 2524 258.08 228.05 20m.5 2648 0.643 268.05 268.05 258.01 1525 29629 248-41 21805 29m.81 2691 20m.66 258.01 228.07 0.819 3541 0.6458 268.05 258.08 228.04 228.07 0.6458 258.09 248.41 21810 29m.25 2645 0.646 258.08 258.09 258.09 2644 0.6458 258.09 248.04 21810 29m.25 28m.25 28m.24 22817 0.665 258.08 21812 29m.46 3612 0.6654 258.08 22811 0.747 4506 1.645 266.28 258.09 21815 0.701 379 379 266.00 228113 170.04 266.05 22813 170.04 266.05 22813 170.04 266.05 22813 170.04 266.05 22813 170.04 266.05 22813 170.04 266.05 22813 170.04 266.05 22813 170.04 266.05 22813 278.05 22813 278.05 278.01 278.03 278.0 | | | | | | | | | | |
| 2485 27m.49 06314 28727 248-00 21H03 28m.50 1639 2919 246-54 22H03 20m.51 2632 0.0e11 25ce02 258 28m.03 0759 28750 244-14 21H05 29m.04 1854 29742 25e.08 22H07 0.793 3814 0.066 25e.21 22H07 0.793 3814 0.066 25e.22 22M17 0.766 3815 3910 2.062 22H13 1.744 4606 1.646 2660 22H13 1.747 4606 2662 22H13 1.747 4606 1.844 2662 22H13 1.749 5700 2643 27600 2643 27600 2643 27600 | | | | | | | | | | |
| 26S 28m.16 1825 29814 24e-27 21 H08 29m.18 28m.9 0e-06 25e-21 22m.90 0.043 3 3 42 0e-85 25e-21 27S 28m.90 1851 29839 24e-41 21 H12 29m.46 38d.2 0e-84 25e-48 22 H11 0.047 4806 1e-45 26e-64 28S 28m.44 28d.1 38d.2 20e-82 28m.90 21 H15 0.041 4806 26e-82 22 H11 0.043 26e-23 26e-23 28m.37 21 H19 0.081 48d.6 26e-82 22 H17 1.048 26e-34 26e-34 26e-31 21 H19 7.081 48d.4 26e-29 22 H17 1.783 58d.2 26e-39 22 H17 1.783 58d.2 26e-39 22e-24 26e-37 22 H19 1.784 26e-29 22 H17 1.783 58d.2 22e-39 27e-24 27e-23 38d.2 26e-35 28e-25 22e-24 26e-37 224e-1 27e-24 27e-24 | | | | | | | | | | |
| 288 288.44 2517 0,503 246-41 211410 298.32 25445 0,630 256-34 221410 0,747 47606 1,645 266-41 298 288.58 288.44 2517 0,600 24145 0,741 0,741 37612 0,654 256-48 221411 0,747 47606 1,645 266-41 298.24 298.14 37612 0,653 256-23 211417 0,741 0,741 3,740 3,740 3,740 2,740 3, | 354 29342 25≈08 22×05 0×05 2348 0≈34 26≈02 2 | 29궁42 | 1궁54 | 29 m.04 | 21 ¥ 05 | 24≈14 | 28궁50 | 0云59 | 28 m. 03 | 25S |
| 288. 28m.44 2617 0.803 248.55 21 12 29m.46 3512 0.854 25.848 22 11 0.847 4506 1.845 26.854 298.59 26.860 27.821 3.872 24.833 2.810 26.854 2.8859 2.88 | | 0≈06 | 2중19 | 29 m 18 | 21 ¥ 08 | 24≈27 | | | 28m.16 | 26S |
| 298 288 59 2844 0 | | | | | | | | | | |
| 305 29 m.14 3 \(\operatorname{A} \) 3 \(\operatorname{A} \) 2 \(\operatorname{A} \) 3 \(\operatorname{A} \) 3 \(\operatorname{A} \) 2 \(\operatorname{A} \) 3 \(\operatorname{A} \) 3 \(\operatorname{A} \) 2 \(\operatorname{A} \) 3 \(\operatorname{A} \) 3 \(\operatorname{A} \) 3 \(\operatorname{A} \) 2 \(\operatorname{A} \) 3 \ | | | | | | | | | | |
| 31S 29m.29 33640 1sa18 25sa37 21H19 0,731 4534 2sa68 26sa29 22H17 1,733 5528 2s59 27sa21 232 29m.45 4509 1sa44 25sa51 21H22 0,747 5503 2sa43 26sa43 22H19 1,749 5557 3sa24 27sa35 338 0,701 4538 2so9 26sa60 21H24 1,703 5532 2sa59 26sa57 22H21 2,705 6625 3sa49 27sa49 348 0,718 5508 2sa6 2sa62 2sa62 21H26 1,720 6502 3sa25 27sa12 22H23 2,720 6625 3sa49 27sa49 348 0,718 5508 2sa6 2sa62 26sa20 21H26 1,720 6502 3sa25 27sa12 22H23 2,720 6625 3sa49 27sa49 348 0,718 5508 2sa6 2sa62 21H31 1,735 7503 4sa18 27sa41 22H28 2,779 756 5sa07 28sa1 37s 1,711 6642 3sa57 27sa05 21H31 1,735 7503 4sa18 27sa41 22H28 2,779 756 5sa07 28sa1 37s 1,711 6642 3sa57 27sa05 21H31 1,755 7503 4sa18 27sa41 22H28 2,779 756 5sa07 28sa1 37s 1,711 6642 3sa57 27sa05 21H31 1,735 7630 4sa18 27sa41 22H28 2,779 756 5sa07 28sa1 39s 1,749 7548 4sa53 27sa36 21H39 2,732 8504 5sa0 28sa25 22H30 3,715 8728 8534 28sa45 2,730 875 875 875 875 875 875 875 875 875 875 | | | | | | | | | | |
| 328 29 m.45 476 | | | | | | | | | | |
| 348 | | | | | | | | | | |
| 355 | 332 2∞59 26∞57 22∺21 2♂05 6♂25 3∞49 27∞49 23 | 2≈59 | 5중32 | 1 ≉ 03 | 21 X 24 | 26≈06 | 2≈09 | | 0∡01 | |
| 368 | 802 3≈25 27≈12 22∺23 2₹22 6₹55 4≈15 28≈03 23 | 3≈25 | 6중02 | 1 ₹ 20 | 21 X 26 | 26≈20 | 2≈36 | 5중08 | 0∡18 | 34S |
| 378 | | | | | | | | | | |
| 388 | | | | | | | | | | |
| 398 | | | | | | l . | | | | |
| 408 2x90 8822 5x21 27x52 21x42 3x12 9815 6x09 28x41 22x37 4x14 10807 6x56 29x30 418 2x30 8858 5x51 28x08 21x45 3x33 9850 6x38 28x56 22x40 4x35 10842 7x25 29x45 428 2x51 9834 6x20 28x24 21x47 3x54 10826 7x07 29x12 22x42 4x57 11818 7x54 0000 438 3x14 10812 6x51 28x08 21x50 4x17 11803 7x37 29x28 22x45 5x20 11854 8x23 0x16 448 3x37 10850 7x22 28x57 21x53 4x40 11841 8x07 29x44 22x47 5x43 12832 8x53 0x32 458 4x71 1230 7x53 29x14 21x56 5x05 12820 8x38 0x01 22x50 6x78 13811 9x24 0x48 468 4x27 12810 8x25 29x31 21x59 5x30 13801 9x10 0x18 22x52 6x33 13851 9x55 1405 478 4x53 12852 8x58 29x49 22x02 5x57 13843 9x43 0x155 22x55 6x33 13851 9x55 1405 498 5x75 14821 10x06 0x26 22x09 6x54 15810 10x50 1x11 23x01 7x57 15859 11x33 1x56 508 6x20 15807 10x41 0x44 22x12 7x24 15856 10x16 0x53 22x58 7x28 16845 12x07 2x114 518 6x52 15855 11x17 1x03 22x15 7x56 16843 12x00 1x48 23x07 9x00 17832 12x42 2x32 528 7x26 16845 11x54 1x23 22x19 8x30 17833 12x36 2x47 23x13 10x09 19811 33x55 3x10 548 8x39 18830 13x11 2x04 22x26 9x43 19816 13x51 3x10 3x20 11x26 20857 15x11 3x49 568 10x01 20x23 14x32 2x47 2x34 11x05 21808 15x11 3x28 23x42 12x63 22x52 16x31 15x50 4x10 578 10x46 21x23 15x14 3x10 2x147 | | | | | | | | | | |
| 41S | | | | | | | | | 2.2109 | 40S |
| 438 3 x 14 10 \ | | | | | | | | | | |
| 448 | | | | | | | 6≈20 | | | |
| 458 4 \$\tilde{9}\$ 1 1 1 \overline{3}\$ 0 7 \$\inside{5}\$ 3 29 \tilde{1}\$ 4 2 1 \tilde{5}\$ 6 5 \$\tilde{5}\$ 5 205 1 2 \overline{2}\$ 2 8 \$\tilde{8}\$ 38 0 \tilde{0}\$ 0 1 2 2 \tilde{5}\$ 0 6 \$\tilde{6}\$ 08 1 3 \overline{0}\$ 1 1 0 \tilde{6}\$ 4 \$\tilde{2}\$ 2 1 2 \overline{0}\$ 1 8 \$\tilde{2}\$ 2 2 9 \$\tilde{8}\$ 3 1 2 \overline{0}\$ 5 2 9 \$\tilde{8}\$ 3 1 2 \overline{0}\$ 6 2 2 2 0 9 6 2 5 4 1 5 0 1 0 6 0 0 1 0 5 0 1 1 1 1 2 3 \overline{0}\$ 1 2 3 \overline{0}\$ 1 1 2 3 1 1 1 2 0 0 1 1 3 8 3 1 1 2 6 6 6 2 5 1 5 0 1 1 2 2 1 1 0 2 0 0 0 0 1 2 2 1 1 2 2 1 1 1 2 2 0 0 0 0 | | | | | | | | | | |
| 468 4x27 12 □ 10 8≈25 29≈31 21 × 59 5x30 13 □ 61 9≈10 0 × 18 22 × 52 6x33 13 □ 51 9≈55 1 × 05 4x63 12 □ 52 8≈58 29≈49 22 × 02 5x 57 13 □ 343 9≈43 0 × 33 22 × 55 7x 00 14 □ 32 10 ≈ 27 1 × 21 488 5x 21 13 □ 36 9≈32 0 × 07 22 × 05 6x 25 14 □ 26 10 ≈ 16 0 × 53 22 × 55 7x 28 15 □ 11 10 ≈ 20 1 × 38 1 × 56 1 × 38 1 × 56 1 × 38 1 × 56 1 × 38 1 × 56 1 × 38 1 × 56 1 × 57 1 × 56 1 × 38 1 × 57 1 × 56 1 × 38 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 56 1 × 57 1 × 57 1 | | | | | | | | | | |
| 47S 4x53 1252 8≈58 29≈49 22 \(\) 22 \(\) 25 5x57 13 \(\) 343 9≈43 0 \(\) 35 22 \(\) 55 7x00 14 \(\) 32 10≈27 1 \(\) 1421 1888 5x21 13 \(\) 336 9≈32 0 \(\) 0 \(\) 7 22 \(\) 05 6x25 14 \(\) 26 10≈16 0 \(\) 0 \(\) 53 22 \(\) 58 7x28 15 \(\) 515 11≈00 1 \(\) 138 1898 5x50 14 \(\) 21 10≈06 0 \(\) 0 \(\) 22 \(\) 10 6x54 15 \(\) 10≈50 1 \(\) 11 12 \(\) 3 \(\) 10 7x57 15 \(\) 559 11≈33 1 \(\) 156 508 6x20 15 \(\) 0 15 \(\) 0 10≈41 0 \(\) 44 22 \(\) 12 \(\) 12 \(\) 17 756 16 \(\) 16 \(\) 43 12 \(\) 0 1 14 23 \(\) 10 \(\) 8x28 16 \(\) 45 11≈33 1 \(\) 15 15 11≈17 1803 22 \(\) 15 \(\) 18 \(\) 24 15 \(\) 56 16 \(\) 18 \(\) 24 15 \(\) 55 11≈17 17 \(\) 18 22 \(\) 15 \(\) 18 \(\) 24 15 \(\) 55 11≈17 17 \(\) 18 22 \(\) 15 \(\) 18 \(\) 24 15 \(\) 55 11≈17 17 \(\) 18 22 \(\) 15 \(\) 18 \(\) 18 \(\) 24 15 \(\) 56 16 \(\) 18 \(\) 24 15 \(\) 18 \(\) 24 15 \(\) 35 12 \(\) 27 12 \(\) 24 15 \(\) 35 15 \(\) 18 \(\) 24 15 \(\) 35 12 \(\) 32 17 \(\) 33 12 \(\) 36 12 \(\) 37 17 \(\) 33 18 \(\) 30 13 \(\) 18 \(\) 34 13 \(\) 34 12 \(\) 34 12 \(\) 34 17 \(\) 33 18 \(\) 34 13 \(\) 35 18 \(\) 34 17 \(\) 36 12 \(\) 32 13 \(\) 31 12 \(\) 36 12 \(\) 32 13 \(\) 18 \(\) 34 13 \(\) 34 10 \(\) 39 18 \(\) 31 13 \(\) 31 12 \(\) 36 12 \(\) 32 13 \(\) 31 10 \(\) 31 12 \(\) 32 13 \(\) 31 10 \(\) 31 10 \(\) 31 12 \(\) 32 13 \(\) 31 10 \(\) 31 10 \(\) 31 10 \(\) 31 10 \(\) 31 12 \(\) 32 13 \(\) 31 10 \(\) 31 12 \(\) 32 13 10 \(\) 31 10 \(\) 31 10 \(\) 31 10 \(\) 31 12 \(\) 32 12 \(\) 31 10 | | | | | | | | | | |
| 48S 5 x 21 13 x 36 9 ≈ 32 0 x 07 22 x 05 6 x 25 14 x 26 10 ≈ 16 0 x 53 22 x 58 7 x 28 15 x 11 ≈ 00 1 x 38 1 x 56 5 5 x 50 14 x 21 10 ≈ 06 0 x 26 22 x 09 6 x 54 15 x 10 10 ≈ 50 1 x 11 23 x 01 7 x 57 15 x 59 11 ≈ 33 1 x 56 5 5 x 50 14 x 21 10 ≈ 06 0 x 26 22 x 09 6 x 54 15 x 10 10 ≈ 50 1 x 11 23 x 01 7 x 57 15 x 59 11 ≈ 33 1 x 56 1 x 50 1 x 11 x 10 x 10 x 10 x 10 x 10 | | | | | | | | | | |
| 498 5 \$\pi 50\$ 14\to 21\$ 10\to 60\$ 0 \$\pi 26\$ 22 \$\pi 09\$ 6 \$\pi 54\$ 15\to 10\$ 10\to 50\$ 1\pi 11\$ 23 \$\pi 01\$ 7 \$\pi 57\$ 15\to 59\$ 11\to 33\$ 1 \$\pi 56\$ 508 6 \$\pi 20\$ 15\to 07\$ 10\to 41\$ 0 \$\pi 44\$ 22 \$\pi 12\$ 7 \$\pi 24\$ 15\to 56\$ 11\to 24\$ 1 \$\pi 20\$ 23 \$\pi 04\$ 8 \$\pi 28\$ 16\to 45\$ 12\to 07\$ 2\pi 14\$ 518 6 \$\pi 52\$ 15\to 55\$ 11\to 17\$ 1 \$\pi 30\$ 22\pi 15\$ 7 \$\pi 56\$ 16\to 43\$ 12\to 00\$ 1 \$\pi 48\$ 23\pi 07\$ 9 \$\pi 00\$ 17\to 32\$ 12\to 22\$ 2\pi 13\$ 15\to 56\$ 11\to 24\$ 1 \$\pi 25\$ 11\to 21\$ 15\to 33\$ 12\to 20\$ 2\pi 17\$ 15\to 50\$ 11\to 21\$ 15\to 33\$ 12\to 20\$ 2\pi 17\$ 15\to 33\$ 12\to 20\$ 11\to 21\$ 12\to 21\$ 2\pi 13\$ 12\to 20\$ 13\to 18\$ 2\pi 13\$ 15\to 10\to 10\$ 13\to 21\$ 13\to 20\$ 13\to 10\$ 13\to 10\$ 15\to 10\$ 12\to 20\$ 13\to 10\$ 13\to 10\$ | | | | | | | | | | |
| 51S 6 \$\sigma 52\$ 15\sigma 55\$ 11\sigma 17 1\times 03 22\times 15 7\sigma 56 16\sigma 43 12\simes 00 1\times 48 23\times 07 9\sigma 00 17\sigma 32 12\simes 42 2\times 32 1\times 43 1\times 24 1\times 23 2\times 19 8\sigma 30 17\sigma 33 12\sigma 36 2\times 07 23\times 10 9\sigma 33 18\sigma 20 13\simes 18 2\times 51 53S 8\sigma 02 17\sigma 36 12\sigma 32 1\times 43 22\times 23 9\sigma 05 18\sigma 24 13\sigma 13 2\times 26 23\times 13 10\sigma 09 19\sigma 11 13\sigma 55 3\times 10 54S 8\sigma 39 18\sigma 30 13\sigma 11 2\times 04 22\times 26 9\sigma 43 19\sigma 16 13\sigma 51 2\times 47 23\times 17 10\sigma 46 20\sigma 03 14\sigma 32 3\times 29 55S 9\sigma 19 19\sigma 25 13\sigma 51 2\times 25 22\times 30 10\sigma 23 20\sigma 11 14\sigma 31 3\times 07 23\times 20 11\sigma 26 20\sigma 57 15\sigma 11 3\times 49 25\sigma 51 3\times 22 2\times 47 22\times 43 11\sigma 05 21\sigma 08 15\sigma 11 3\times 23 3\times 20 3\times 50 4\times 10 57S 10\sigma 46 21\sigma 23 15\sigma 14 3\times 09 22\times 38 11\sigma 49 22\sigma 07 15\sigma 52 3\times 50 3\times 50 3\times 50 3\times 50 4\times 10 57S 10\sigma 46 21\sigma 23 15\sigma 14 3\times 09 22\times 38 11\sigma 49 22\sigma 07 15\sigma 52 3\times 50 3\times 50 23\times 27 12\sigma 53 22\sigma 52 16\sigma 31 4\times 31 5\sigma 58 11\sigma 33 22\sigma 26 15\sigma 57 3\times 32 22\times 43 12\sigma 37 23\sigma 09 16\sigma 35 4\times 12 3\times 31 13\sigma 40 23\sigma 50 17\sigma 56 5\times 15 10\sigma 40 23\sigma 50 16\sigma 41 3\times 20 23\times 31 13\sigma 40 23\sigma 50 17\sigma 56 5\times 15 10\sigma 41 3\times 20 23\times 31 13\sigma 40 23\sigma 50 17\sigma 50 17\sigma 50 5\times 15 13\sigma 40 23\sigma 50 16\sigma 51 13\sigma 40 23\sigma 50 16\sigma 51 13\sigma 40 23\ | B10 10≈50 1 ± 11 23 ± 01 7 ₹ 57 15 B 59 11≈33 1 ± 56 23 | 10≈50 | 15중10 | 6 ₹ 54 | 22 ¥ 09 | 0 ¥ 26 | 10≈06 | 14중21 | 5 ≯ 50 | 49S |
| 52S 7x26 16च45 11x24 1x23 22x19 8x30 17533 12x36 2x07 23x10 9x33 18520 13x18 2x51 53S 8x02 17536 12x32 1x43 22x23 9x05 18524 13x13 2x26 23x13 10x09 19511 13x55 3x10 54S 8x39 18530 13x11 2x04 22x26 9x43 19516 13x51 2x47 23x17 10x46 20503 14x32 3x29 55S 9x19 19525 13x51 2x25 22x30 10x23 20511 14x31 3x07 23x20 11x26 20557 15x11 3x49 56S 10x01 20523 14x32 2x47 22x34 11x05 21508 15x11 3x28 23x24 12x08 21553 15x50 4x10 57S 10x46 21523 15x14 3x09 22x38 11x49 22507 15x52 3x50 23x27 | | | | | | | | | | |
| 53S 8 x 02 17 3 6 12 x 32 1 x 43 22 x 23 9 x 05 18 z 24 13 x 13 2 x 26 23 x 13 10 x 09 19 z 11 13 x 55 3 x 10 54S 8 x 39 18 z 30 13 x 11 2 x 04 22 x 26 9 x 43 19 z 16 13 x 51 2 x 47 23 x 17 10 x 46 20 z 30 14 x 32 3 x 49 3 x 29 55S 9 x 19 19 z 25 13 x 51 2 x 25 22 x 30 10 x 23 20 z 1 z 08 15 x 11 3 x 40 23 x 20 11 x 26 20 z 57 15 x 11 3 x 49 56S 10 x 01 20 z 23 14 x 32 2 x 47 22 x 34 11 x 05 21 z 08 15 x 11 3 x 28 23 x 24 12 x 08 21 z 53 15 x 50 4 x 10 57S 10 x 46 21 z 23 15 x 14 3 x 09 22 x 38 11 x 49 22 z 07 15 x 52 3 x 50 23 x 27 12 x 53 22 z 55 16 x 31 4 x 13 58S 11 x 33 22 z 2 55 16 x 31 4 x 13 13 x 40 23 x 55 | | | | | | | | | | |
| 54S 8 x 39 18 \ 30 13 \ \ 11 2 \ \ 404 22 \ \ 226 9 x 43 19 \ \ 516 13 \ \ \ 511 2 \ \ 47 23 \ \ 17 10 x 46 20 \ \ 303 14 \ \ \ \ 322 3 \ \ \ 29 55S 9 x 19 19 \ \ 325 13 \ \ \ 515 2 \ \ \ 255 22 \ \ \ 303 10 x 23 20 \ \ 511 14 \ \ \ \ 311 3 \ \ \ \ 07 23 \ \ \ \ 20 11 x 26 20 \ \ \ 575 15 \ \ \ \ \ 11 3 \ \ \ \ 49 56S 10 x 46 21 \ \ \ 203 14 \ \ \ \ \ 32 24 \ \ 7 22 \ \ \ 344 11 x 05 21 \ \ \ 508 15 \ \ \ \ 11 3 \ \ \ \ 23 23 \ \ \ \ 20 15 \ \ \ \ \ 11 3 \ \ \ \ \ 20 23 \ \ \ \ \ 23 \ \ \ \ 23 22 \ \ \ \ \ \ 25 15 \ \ \ \ \ \ \ 10 4 \ \ \ \ 10 3 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | | | | | | |
| 55S 9x19 19\(\pi 25 \) 13\(\pi 51 \) 2\(\pi 25 \) 10\(\pi 23 \) 2\(\pi 25 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 15 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 15 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 15 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 15 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 15 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 15 \) 11\(\pi 26 \) 2\(\pi 25 \) 15\(\pi 50 \) 4\(\pi 16 \) 15\(\pi 11 \) 3\(\pi 26 \) 4\(\pi 16 \) 15\(\pi 15 \) 15\(\pi 25 \) 22\(\pi 25 \) 15\(\pi 26 \) 15\(\pi 25 \) 22\(\pi 25 \) | | | | | | | | | | |
| 56S 10x01 20\(\pi 23 \) 14\(\pi 32 \) 2\(\pi 47 \) 22\(\pi 34 \) 11x05 21\(\pi 08 \) 15\(\pi 11 \) 3\(\pi 28 \) 23\(\pi 24 \) 12x08 21\(\pi 57 \) 10x46 21\(\pi 23 \) 15\(\pi 15 \) 22\(\pi 38 \) 11x49 22\(\pi 07 \) 15\(\pi 52 \) 3\(\pi 50 \) 23\(\pi 27 \) 23\(\pi 37 \) 24\(\pi 37 \) 24\(\pi 37 \) 24\(\pi 56 \) 23\(\pi 37 \) 13\(x=31 \) 24\(\pi 37 \) 23\(\pi 37 \) 24\(\pi 37 \) 23\(\pi 37 \) 24\(\pi 37 \) 23\(| | | | | | | | | | |
| 57S 10 \$\pi\$46 21 \pi 23 15 \sim 14 3 09 22 38 11 \$\pi\$49 22 \pi 07 15 \sim 52 3 50 23 27 12 \$\pi 53 22 \pi 52 16 \sim 31 4 31 58S 11 \$\pi 33\$ 22 \pi 26 15 \sim 57 3 32 22 43 12 \$\pi 37\$ 23 \pi 09 16 \sim 35 4 12 23 31 13 \$\pi 40\$ 23 \pi 52 17 \sim 13 4 53 59S 12 \$\pi 24\$ 23 \pi 30 16 \sim 42 3 55 22 47 13 \$\pi 28\$ 24 \pi 13 17 \sim 19 4 35 23 33 14 \$\pi 31\$ 24 \pi 56 17 \sim 56 5 15 5 5 15 60S 13 \$\pi 19\$ 24 \pi 38\$ 17 \sim 24 24 \pi 56 17 \sim 56 5 15 5 60S 13 \$\pi 19\$ 24 \pi 38\$ 17 \sim 25 22 \pi 57 15 \$\pi 20\$ 25 \pi 20 18 \sim 04 4 \pi 59 23 \pi 39\$ 15 \$\pi 25\$ 26 \pi 02 18 \sim 41 5 \pi 38 6 \pi 60S 15 \$\pi 20\$ 25 \pi 20 | | | | | | | | | | |
| 59S 12 x 24 23 \ \ \ \ 330 16 \ \ \ \ \ 42 3 \ \ \ \ \ 55 22 \ \ \ \ \ 47 13 x 28 24 \ \ \ \ \ \ 613 17 \ \ \ \ \ 608 23 \ \ \ \ \ 35 14 x 31 24 \ \ \ \ \ \ 656 17 \ \ \ \ \ \ 668 5 \ \ \ \ 15 60S 13 x 19 24 \ \ \ \ \ 38 17 \ \ \ \ \ \ 28 4 \ \ \ \ \ 20 22 \ \ \ \ \ 52 14 x 22 25 \ \ \ \ \ \ 20 18 \ \ \ \ \ \ \ \ \ \ \ \ 459 23 \ \ \ \ \ 39 15 x 25 26 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ 20 18 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | B07 15≈52 3∺50 23∺27 12≠53 22B52 16≈31 4∺31 24 | | 22중07 | 11 ₹ 49 | | 3 X 09 | | 21중23 | 10∡146 | 57S |
| 60S 13x19 24\text{38} 17\times28 4\times20 22\times52 18\times04 4\times59 23\times39 15x25 26\times02 18\times41 5\times38 16\times23 27\times10 19\times27 6\times03 18\times51 5\times23 23\times44 16\times23 27\times10 19\times27 6\times02 26\times30 18\times51 5\times23 23\times44 16\times23 27\times10 19\times27 6\times02 26\times30 18\times51 5\times23 23\times44 16\times23 27\times10 19\times27 6\times02 26\times30 18\times51 5\times23 23\times44 16\times23 27\times10 19\times27 6\times02 20\times14 6\times23 27\times10 19\times27 6\times02 20\times14 6\times23 27\times10 19\times27 6\times02 20\times14 6\times23 21\times33 18\ | | | | | | | | | | |
| 61S 14\$\tilde{x}17 25\tilde{x}49 18\$\tilde{x}15 4\$\tilde{x}45 22\$\tilde{x}57 15\$\tilde{x}20 26\tilde{x}30 18\$\tilde{x}51 5\$\tilde{x}23 23\$\tilde{x}44 16\$\tilde{x}23 27\tilde{x}10 19\$\tilde{x}27 6\$\tilde{x}02 6\$\tilde{x}23 27\tilde{x}42 19\$\tilde{x}39 5\$\tilde{x}48 23\$\tilde{x}48 17\$\tilde{x}25 28\tilde{x}22 20\$\tilde{x}14 6\$\tilde{x}23 27\tilde{x}42 19\$\tilde{x}39 5\$\tilde{x}48 23\$\tilde{x}48 17\$\tilde{x}25 28\tilde{x}22 20\$\tilde{x}14 6\$\tilde{x}23 6\$\tilde{x}25 6\$\tilde{x}25 6\$\tilde{x}25 27\tilde{x}42 29\tilde{x}39 6\$\tilde{x}14 23\$\tilde{x}53 18\$\tilde{x}32 29\tilde{x}37 21\$\tilde{x}30 6\$\tilde{x}52 6\$\tilde{x}55 19\$\tilde{x}41 29\tilde{x}40 20\$\tilde{x}47 6\$\tilde{x}05 23\$\tilde{x}12 18\$\tilde{x}43 0\$\tilde{x}17 21\$\tilde{x}20 6\$\tilde{x}41 23\$\tilde{x}57 19\$\tilde{x}45 0\$\tilde{x}55 21\$\tilde{x}54 7\$\tilde{x}18 6\$\tilde{x}55 19\$\tilde{x}00 1\$\tilde{x}04 21\$\tilde{x}41 6\$\tilde{x}33 23\$\tilde{x}18 20\$\tilde{x}02 1\$\tilde{x}40 22\$\tilde{x}13 7\$\tilde{x}09 24\$\tilde{x}02 21\$\tilde{x}03 2\$\tilde{x}16 22\$\tilde{x}46 7\$\tilde{x}45 6\$\tilde{x}55 21\$\tilde{x}55 7\$\tilde{x}40 22\$\tilde{x}13 7\$\tilde{x}09 24\$\tilde{x}02 21\$\tilde{x}03 2\$\tilde{x}16 22\$\tilde{x}46 7\$\tilde{x}45 6\$\tilde{x}55 21\$\tilde{x}54 7\$\tilde{x}45 6\$\tilde{x}55 21\$\tilde{x}55 7\$\tilde{x}55 7\$\tilde{x}55 | | | | | | | | | | |
| 62S 15 \$\tilde{x}20\$ 27 \$\vec{x}603\$ 19 \$\sigma 04\$ 5 \$\tilde{x}10\$ 23 \$\tilde{x}02\$ 27 \$\vec{x}42\$ 19 \$\sigma 39\$ 5 \$\tilde{x}48\$ 23 \$\tilde{x}48\$ 17 \$\tilde{x}25\$ 28 \$\vec{x}22\$ 20 \$\sigma 14\$ 6 \$\tilde{x}26\$ 64\$ 23 \$\tilde{x}43\$ 29 \$\vec{x}36\$ 20 \$\sigma 29\$ 65 \$\tilde{x}14\$ 23 \$\tilde{x}53\$ 18 \$\tilde{x}32\$ 29 \$\vec{x}37\$ 21 \$\sigma 03\$ 6 \$\tilde{x}52\$ 20 \$\sigma 24\$ 6 \$\tilde{x}14\$ 23 \$\tilde{x}14\$ 18 \$\tilde{x}34\$ 0 \$\sigma 17\$ 21 \$\sigma 20\$ 6 \$\tilde{x}41\$ 23 \$\tilde{x}57\$ 19 \$\tilde{x}45\$ 0 \$\sigma 55\$ 21 \$\sigma 54\$ 7 \$\tilde{x}18\$ 18 \$\tilde{x}32\$ 29 \$\vec{x}37\$ 19 \$\tilde{x}45\$ 0 \$\sigma 55\$ 21 \$\sigma 54\$ 0 \$\tilde{x}55\$ 21 \$\sigma 54\$ 0 \$\sigma 55\$ 21 \$\sigma 54\$ 0 \$\tilde{x}55\$ 21 \$\sigma 54\$ | | | | | | | | | | |
| 63S 16x28 28x32 19x35 5x37 23x07 17x30 28x58 20x29 6x14 23x53 18x32 29x37 21x03 6x52 6x52 6x54 17x41 29x34 20x47 6x52 18x43 0x17 21x20 6x41 23x57 19x45 0x55 21x54 7x18 21x54 7x18 21x54 7x45 22x46 2x46 | | | | | | | | | | |
| 64S 17 ₹ 41 29 ₹ 40 20 ≈ 47 6 ₭ 05 23 ₭ 12 18 ₹ 43 0 ≈ 17 21 ≈ 20 6 ₭ 41 23 ₭ 57 19 ₹ 45 0 ≈ 55 21 ≈ 54 7 ₭ 18 1 65S 19 ₹ 00 1 ≈ 04 21 ≈ 41 6 ₭ 33 23 ₭ 18 20 ₹ 02 1 ≈ 40 22 ≈ 13 7 ₭ 09 24 ₭ 02 21 ₹ 03 2 ≈ 16 22 ≈ 46 7 ₭ 45 2 66S 20 ₹ 27 2 ≈ 32 22 ≈ 37 7 ₭ 03 23 ₭ 24 21 ₹ 28 3 ≈ 07 23 ≈ 08 7 ₭ 38 24 ₭ 08 22 ₹ 28 3 ≈ 41 23 ≈ 40 8 ₭ 13 3 | | | | | | | | | | |
| 65S 19 ₹00 1≈04 21≈41 6 € 33 23 € 18 20 ₹02 1≈40 22≈13 7 € 09 24 € 02 21 ₹03 2≈16 22≈46 7 € 45 1 66S 20 ₹27 2≈32 22≈37 7 € 03 23 € 24 21 ₹28 3≈07 23≈08 7 € 38 24 € 08 22 ₹28 3≈41 23≈40 8 € 13 | | | | | | | | | | |
| 66S 20×27 2≈32 22≈37 7±03 23±24 21×28 3≈07 23≈08 7±38 24±08 22×28 3≈41 23≈40 8±13 | | | | | | | | | 19∡00 | |
| pc 21x 19 3 x 23 23 x 09 7 x 20 23 x 27 22 x 19 3 x 57 23 x 40 7 x 55 24 x 11 23 x 19 4 x 31 24 x 11 8 x 29 | ≈07 23≈08 7 ± 38 24 ± 08 22 ₹ 28 3≈41 23≈40 8 ± 13 24 | | | | | | 22≈37 | | | |
| F | \$\pi 57 \ 23\approx 40 \ 7\pi 55 \ 24\pi 11 \ 23\pi 19 \ 4\approx 31 \ 24\approx 11 \ 8\pi 29 \ 24 | 23≈40 | 3≈57 | 22 ₮ 19 | 23 X 27 | 7 ∺ 20 | 23≈09 | 3≈23 | 21 🗷 19 | рc |

| | Sid.Tir MC: | | 36m A 53'10 | RMC: 2 | 04°00' | Sid.Tir MC: | | 40m A :56'31 | RMC: 2 | 205°00' | Sid.Tii MC: | ne: 13h | 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 X 33 | 28 m. 14 | 26 ₹ 19 | 24중06 | 23≈40 | 25 ¥ 38 |
| 1S | 26m29 | 24 ₹ 50 | 22중35 | 21≈50 | 23 ¥ 29 | 27 m 27 | 25 ₹ 45 | 23중31 | 22≈52 | 24 X 34 | 28 m 25 | 26 ₹ 40 | 24중28 | 23≈53 | 25 ¥ 39 |
| 2S | 26m39 | 25 ₮ 10 | 22궁57 | 22≈04 | 23 ¥ 30 | 27 m 37 | 26 ₹ 05 | 23중54 | 23≈05 | 24 X 35 | 28m35 | 27 ₹ 01 | 24궁50 | 24≈06 | 25 ¥ 40 |
| 3S | 26m49 | 25 🗷 31 | 23중19 | 22≈17 | 23 ¥ 32 | 27 m 48 | 26 🗷 26 | 24316 | 23≈18 | 24 ** 36 | 28m46 | 27 🗷 21 | 25중12 | 24≈19 | 25 X 41 |
| 4S | 27m00 | 25 ₹ 52 | 23중41 | 22≈30 | 23 ¥ 33 | 27 m 58 | 26 ₹ 47 | 24궁37 | 23≈31 | 24 ¥ 38 | 28 m.56 | 27 ₹ 42 | 25중34 | 24≈31 | 25 ¥ 42 |
| 5S | 27 m 10 | 26 ₹ 13 | 24궁03 | 22≈43 | 23 ¥ 35 | 28 m 09 | 27 ₹ 08 | 24궁59 | 23≈43 | 24 X 39 | 29m07 | 28 ₹ 03 | 25궁55 | 24≈44 | 25 X 43 |
| 6S | 27m21 | 26 🗷 33 | 24325 | 22≈56 | 23 ¥ 36 | 28 m 19 | 27 🗷 29 | 25중21 | 23≈56 | 24 💥 40 | 29 m 18 | 28 🗷 24 | 26중17 | 24≈56 | 25 × 44 |
| 7S 8S | 27 m. 31 27 m. 42 | 26 ₹ 54 27 ₹ 15 | 24궁47 25궁09 | 23≈09 23≈22 | 23 ¥ 38 23 ¥ 39 | 28 m. 30 28 m. 41 | 27 \$\squad 50 \\ 28 \$\squad 11 | 25 궁 43 26 궁 04 | 24≈09 24≈21 | 24 X 41 24 X 42 | 29 m. 29 29 m. 40 | 28 x 45 29 x 06 | 26중38 27중00 | 25≈08 25≈20 | 25 \ \ 45 25 \ \ 46 |
| 9S | 27 m 53 | 27 × 13 | 25 공 31 | 23≈22 23≈35 | 23 X 40 | 28 m 52 | 28 🗷 32 | 26중26 | 24≈21 24≈34 | 24 X 44 | 29 m 50 | 29 × 27 | 27 3 00 | 25≈33 | 25 X 47 |
| 10S | 28 m.04 | 27 ₹ 58 | 25중53 | 23≈47 | 23 X 42 | 29 m 03 | 28 ₹ 53 | 26중48 | 24≈46 | 24 ¥ 45 | 0 🗷 02 | 29 ~ 48 | 27중43 | 25≈45 | 25 X 48 |
| 11S | 28 m 15 | 28 🗷 19 | 26중14 | 24≈00 | 23 × 43 | 29 m 14 | 29 🗷 15 | 27중09 | 24≈58 | 24 × 46 | 0 × 13 | 0중10 | 28중04 | 25≈57 | 25 X 49 |
| 12S | 28 m 26 | 28 ∡ 41 | 26중36 | 24≈13 | 23 X 45 | 29 m 25 | 29 ∡ 36 | 27중31 | 25≈11 | 24 X 47 | 0 ₹ 24 | 0중31 | 28중26 | 26≈09 | 25 ¥ 50 |
| 13S | 28m37 | 29 ₮ 03 | 26궁58 | 24≈25 | 23 X 46 | 29 m 36 | 29 ₹ 58 | 27중53 | 25≈23 | 24 X 48 | 0.₹36 | 0중53 | 28중47 | 26≈21 | 25 X 50 |
| 14S | 28 m.48 | 29 ₹ 25 | 27중20 | 24≈38 | 23 X 47 | 29 m 48 | 0중20 | 28중14 | 25≈35 | 24 X 49 | 0 ₹ 47 | 1중15 | 29궁09 | 26≈33 | 25 X 51 |
| 15S | 29 m 00 | 29 ∡ 47 | 27중42 | 24≈50 | 23 X 49 | 29 m 59 | 0중42 | 28중36 | 25≈47 | 24 X 51 | 0 ₹ 59 | 1중37 | 29중30 | 26≈45 | 25 X 52 |
| 16S | 29 m 12 | 0중09 | 28중04 | 25≈03 | 23 ¥ 50 | 0 🗷 11 | 1304 | 28중58 | 25≈59 | 24 × 52 | 1711 | 1궁59 | 29궁52 | 26≈56 | 25 X 53 |
| 17S | 29 m 23 | 0중32 | 28 3 26 | 25≈15 25×28 | 23 ¥ 52 | 0 × 23 | 1 3 27 | 29중20 | 26≈12 26≈24 | 24 ¥ 53 | 1 23 | 2322 | 0≈14 | 27≈08 | 25 ¥ 54 |
| 18S 19S | 29 m. 35 29 m. 48 | 0 궁 55 1 궁 18 | 28 궁 48 29 궁 10 | 25≈28 25≈40 | 23 X 53 23 X 55 | 0 ₹ 35 0 ₹ 48 | 1중50 2중13 | 29⋜42 0≈04 | 26≈24 26≈36 | 24 X 54 24 X 55 | 1 ₹ 35 1 ₹ 47 | 2정45 3정08 | 0≈35 0≈57 | 27≈20 27≈32 | 25 \times 55 25 \times 56 |
| - 1 | | | | 25≈40 25≈53 | | | | | 26≈48 | | | | | | |
| 20S 21S | 0 ₹ 00 0 ₹ 13 | 1정41 2정05 | 29 궁 33 29 궁 55 | 25≈53 26≈05 | 23 ¥ 56 23 ¥ 57 | 1 ∡ 00 1 ∡ 13 | 2 3 36 3 3 00 | 0≈26 0≈48 | 26≈48 27≈01 | 24 X 57 24 X 58 | 2 ₹ 00 2 ₹ 13 | 3중31 3중54 | 1≈19 1≈41 | 27≈44 27≈56 | 25 X 57 25 X 58 |
| 22S | 0×15 | 2 3 29 | 0≈18 | 26≈18 | 23 X 59 | 1 ₹ 15 1 ₹ 26 | 3 중 24 | 1≈10 | 27≈13 | 24 × 59 | 2 7 26 | 4중18 | 2≈03 | 28≈08 | 25 X 59 |
| 23S | 0 ₹ 39 | 2중53 | 0≈40 | 26≈30 | 24 ¥ 00 | 1 ₹ 39 | 3중48 | 1≈33 | 27≈25 | 25 ¥ 00 | 2 ₹ 39 | 4중42 | 2≈25 | 28≈20 | 26 ₩ 00 |
| 24S | 0 ≯ 52 | 3중18 | 1≈03 | 26≈43 | 24 X 02 | 1 ₹ 52 | 4중12 | 1≈55 | 27≈37 | 25 ¥ 01 | 2 ₹ 53 | 5중07 | 2≈48 | 28≈32 | 26 × 01 |
| 25S | 1 ₹ 06 | 3중43 | 1≈26 | 26≈56 | 24 ¥ 03 | 2 ∡ 06 | 4중37 | 2≈18 | 27≈50 | 25 ¥ 03 | 3 ₹ 06 | 5중31 | 3≈10 | 28≈44 | 26 ₩ 02 |
| 26S | 1 ₹ 20 | 4중08 | 1≈50 | 27≈08 | 24 X 05 | 2 🗷 20 | 5중03 | 2≈41 | 28≈02 | 25 × 04 | 3 7 21 | 5정57 | 3≈33 | 28≈56 | 26 × 03 |
| 27S 28S | 1 ∡ 34 1 ∡ 48 | 4 3 34 5 3 00 | 2≈13 2≈37 | 27≈21 27≈34 | 24 ¥ 06 24 ¥ 08 | 2 ₹ 35 2 ₹ 49 | 5중28 5중54 | 3≈04 | 28≈15 28≈27 | 25 \times 05 25 \times 06 | 3 ₹ 35 3 ₹ 50 | 6 3 22 6 3 48 | 3≈56 4≈19 | 29≈08 29≈21 | 26 \times 04 26 \times 05 |
| 29S | 2×103 | 5중27 | 2≈37 3≈01 | 27≈34 27≈47 | 24 X 08 | 3 × 04 | 6 공 21 | 3≈28 3≈51 | 28≈27 28≈40 | 25 X 08 | 4 ₹ 05 | 7중15 | 4≈19 | 29≈21 | 26 X 06 |
| 30S | 2 ₹ 18 | 5 공 54 | 3≈25 | 28≈00 | 24 X 11 | 3 × 19 | 6정48 | 4≈15 | 28≈53 | 25 ¥ 09 | 4×20 | 7542 | 5≈06 | 29≈46 | 26 X 07 |
| 31S | 2×16 | 6 공 22 | 3≈49 | 28≈14 | 24 X 12 | 3×15 | 7중15 | 4≈39 | 29≈06 | 25 X 10 | 4×20 | 8309 | 5≈30 | 29≈58 | 26 × 08 |
| 32S | 2 ₹ 50 | 6궁50 | 4≈14 | 28≈27 | 24 X 14 | 3 ₹ 51 | 7중44 | 5≈04 | 29≈19 | 25 ¥ 12 | 4 ₹ 52 | 8중37 | 5≈54 | 0 X 11 | 26 × 09 |
| 33S | 3 ₹ 07 | 7궁19 | 4≈39 | 28≈40 | 24 X 16 | 4 ₹ 08 | 8중12 | 5≈29 | 29≈32 | 25 ¥ 13 | 5 ₹ 09 | 9중05 | 6≈18 | 0 ¥ 23 | 26 ¥ 10 |
| 34S | 3 ₹ 23 | 7348 | 5≈04 | 28≈54 | 24 ¥ 17 | 4 ₹ 25 | 8중41 | 5≈53 | 29≈45 | 25 X 14 | 5 ₹ 26 | 9중34 | 6≈43 | 0 ¥ 36 | 26 ₩ 11 |
| 35S | 3 ₹ 41 | 8318 | 5≈30 | 29≈08 | 24 X 19 | 4 ₹ 42 | 9중11 | 6≈19 | 29≈58 | 25 ¥ 16 | 5 ₹ 43 | 10궁04 | 7≈08 | 0 X 49 | 26 X 12 |
| 36S 37S | 3 ∡ 59 4 ∡ 17 | 8 3 49 9 3 20 | 5≈56 6≈22 | 29≈21 29≈35 | 24 ¥ 21 24 ¥ 22 | 5 z 00 な 19 | 9 공 42 10 공 13 | 6≈44 7≈10 | 0 ¥ 12 0 ¥ 26 | 25 X 17 25 X 19 | 6×101 6×120 | 10중34 11중05 | 7≈33 7≈59 | 1 X 03 1 X 16 | 26 X 14 26 X 15 |
| 38S | 4 × 36 | 9352 | | | 24 X 24 | | 10313 | | | 25 X 20 | 6×39 | | 8≈25 | 1 X 29 | 26 X 16 |
| 39S | 4 <i>₹</i> 56 | 10중25 | 7≈16 | 0 X 04 | 24 X 26 | 5 ₹ 58 | 11317 | 8≈04 | 0 X 54 | 25 ¥ 21 | 6×159 | 12중09 | 8≈51 | 1 + 43 | 26 X 17 |
| 40S | 5 <i>≱</i> 16 | 10궁59 | 7≈44 | 0 X 19 | 24 X 28 | 6∡18 | 11공51 | 8≈31 | 1 X 08 | 25 ¥ 23 | 7∡20 | 12342 | 9≈18 | 1 X 57 | 26 X 18 |
| 41S | 5 <i>₹</i> 38 | 11334 | 8≈12 | 0 X 33 | 24 X 29 | 6 ₹ 39 | 12825 | 8≈59 | 1 X 22 | 25 ¥ 24 | 7 ₹ 41 | 13816 | 9≈46 | 2 X 11 | 26 X 19 |
| 42S | 5 <i>≱</i> 59 | 12号09 | 8≈40 | 0 X 49 | 24 X 31 | 7 ∡ 01 | 13중00 | 9≈27 | 1 X 37 | 25 ¥ 26 | 8 ₺ 03 | 13중51 | 10≈13 | 2 X 25 | 26 X 21 |
| 43S | 6 ₹ 22 | 12345 | 9≈09 | 1 X 04 | 24 ¥ 33 | 7 🗷 24 | 13중36 | 9≈55 | 1 X 52 | 25 ¥ 28 | 8 🗷 26 | 14327 | 10≈42 | 2 X 39 | 26 + 22 |
| 44S | 6 <i>≯</i> 46 | 13823 | 9≈39 | 1 X 19 | 24 X 35 | 7 ₹ 48 | 14314 | 10≈25 | 2 X 07 | 25 ** 29 | 8 🗷 50 | 15304 | 11≈10 | 2 X 54 | 26 ₩ 23 |
| 45S | 7×10 | 14 궁 02 | 10≈09 | 1 X 35 | 24 × 37 | 8 × 13 | 14 공 52 | 10≈54 | 2 X 22 | 25 ¥ 31 | 9 \$7 14 | 15 공 42 16 공 21 | 11≈40 12≈10 | 3 X 09 | 26 ¥ 25 |
| 46S 47S | 7∡36 8∡03 | 14중41 15중22 | 10≈40 11≈11 | 1 X 51 2 X 07 | 24 ¥ 39 24 ¥ 41 | 8 ₹ 38 9 ₹ 05 | 15 공 31 16 공 12 | 11≈25 11≈56 | 2 ¥ 38 2 ¥ 54 | 25 \ 33 25 \ 34 | 9 オ 40 10 オ 07 | 16 5 21 17 중 01 | 12≈10 12≈40 | 3 X 24 3 X 40 | 26 \(\frac{1}{26}\) \(\frac{1}{26}\) |
| 48S | 8×31 | 16중04 | 11≈11 | 2 X 24 | 24 X 43 | 9 🗷 33 | 16공53 | 12≈28 | 3 X 10 | 25 X 36 | 10 \$ 07 | 17842 | 13≈11 | 3 X 56 | 26 X 29 |
| 49S | 9 ₹ 00 | 16궁48 | 12≈16 | 2 X 41 | 24 X 46 | 10 ≈ 02 | 17중36 | 13≈00 | 3 ¥ 26 | 25 ¥ 38 | 11 ≉ 04 | 18중25 | 13≈43 | 4 ¥ 12 | 26 × 30 |
| 50S | 9∡30 | 17중33 | 12≈50 | 2 X 59 | 24 ¥ 48 | 10 ≉ 33 | 18321 | 13≈33 | 3 ¥ 43 | 25 X 40 | 11 ≉ 35 | 19309 | 14≈16 | 4 ¥ 28 | 26 ¥ 32 |
| 51S | 10 ₹ 02 | 18중19 | 13≈24 | 3 X 16 | 24 X 50 | 11 ≉ 05 | 19중07 | 14≈07 | 4 ∺ 01 | 25 X 42 | 12 ≠ 07 | 19궁54 | 14≈49 | 4 ¥ 45 | 26 X 33 |
| 52S | 10 ₹ 36 | 19중07 | 14≈00 | 3 ¥ 34 | 24 ¥ 52 | 11 🗷 39 | 19중55 | 14≈42 | 4¥18 | 25 X 44 | 12 🗷 40 | 20중41 | 15≈23 | 5 ¥ 02 | 26 ¥ 35 |
| 53S | 11 🗷 12 | 19궁57 | 14≈36 15≈13 | 3 X 53 | 24 ¥ 55 | 12 × 14 | 20중44 | 15≈17 | 4¥36 | 25 ¥ 46 | 13 × 16 | 21330 | 15≈58 16∞34 | 5 X 20 | 26 ¥ 36 |
| 548 | 11 🗷 49 | 20349 | 15≈13 | 4 X 12 | 24 ¥ 57 | 12 🛪 52 | 21335 | 15≈54 | 4¥55 | 25 ¥ 48 | 13 🗷 53 | 22320 | 16≈34 | 5 X 38 | 26 ¥ 38 |
| 55S 56S | 12 ₹ 29 13 ₹ 11 | 21중42 22중38 | 15≈51 16≈30 | 4 X 32 4 X 52 | 25 \times 00 25 \times 03 | 13 ∡ 31 14 ∡ 13 | 22중28 23중23 | 16≈31 17≈09 | 5 X 14 5 X 33 | 25 \times 50 25 \times 52 | 14 ₹ 33 15 ₹ 15 | 23중13 24중07 | 17≈11 17≈49 | 5 X 56 6 X 15 | 26 \times 40 26 \times 42 |
| 57S | 13 x 11 13 x 55 | 22등38 | 17≈10 | 5 X 12 | 25 X 05 | 14 × 13 | 23 5 23 24 중 20 | 17≈09 17≈49 | 5 X 53 | 25 X 52 25 X 54 | 15 x 15 15 z 59 | 24 8 07 25 중 03 | 17≈49 18≈28 | 6 X 34 | 26 X 42 |
| 58S | 14×43 | 24중36 | 17≈51 | 5 X 33 | 25 × 08 | 15 ₹ 45 | 25중19 | 18≈29 | 6 X 14 | 25 X 57 | 16×346 | 26중02 | 19≈07 | 6 X 54 | 26 × 45 |
| 59S | 15 ≉ 33 | 25중38 | 18≈34 | 5 ¥ 55 | 25 X 11 | 16 ₹ 35 | 26중20 | 19≈11 | 6 ∺ 35 | 25 X 59 | 17 ≉ 36 | 27중02 | 19≈49 | 7 ∺ 15 | 26 X 47 |
| 60S | 16∡27 | 26중43 | 19≈18 | 6 ∺ 17 | 25 X 14 | 17 ≉ 29 | 27중24 | 19≈54 | 6 ∺ 57 | 26 ₩ 02 | 18 ₮ 30 | 28중06 | 20≈31 | 7 ∺ 36 | 26 X 49 |
| 61S | 17 ₹ 25 | 27중51 | 20≈03 | 6 ₩41 | 25 X 17 | 18 ₹ 26 | 28331 | 20≈39 | 7 ₩ 19 | 26 ¥ 04 | 19 ₹ 27 | 29중11 | 21≈14 | 7 ¥ 58 | 26 X 51 |
| 62S | 18 ₹ 27 | 29중01 | 20≈49 | 7 × 04 | 25 ¥ 21 | 19 × 28 | 29341 | 21≈24 | 7 ¥ 42 | 26 × 07 | 20 🗷 28 | 0≈20 | 21≈59 | 8 X 20 | 26 × 54 |
| 63S 64S | 19 ₹ 34 20 ₹ 46 | 0≈15 1≈32 | 21≈37 22≈27 | 7 ¥ 29 7 ¥ 54 | 25 \times 24 25 \times 28 | 20 ₹34 21 ₹46 | 0≈53 2≈09 | 22≈12 23≈00 | 8 X 06 8 X 31 | 26 X 10 26 X 13 | 21 🗷 34 22 🗷 45 | 1≈31 2≈46 | 22≈46 23≈34 | 8 X 44 9 X 07 | 26 \times 56 26 \times 58 |
| - 1 | | | | | | | | | | | | | | | |
| 65S 66S | 22 ∡ 03 23 ∡ 28 | 2≈52 4≈16 | 23≈18 24≈11 | 8 X 21 8 X 48 | 25 \ 32 25 \ 36 | 23 ∡ 03 24 ∡ 27 | 3≈28 4≈51 | 23≈51 24≈43 | 8 ¥ 56 9 ¥ 23 | 26 ¥ 16 26 ¥ 20 | 24 ₹ 02 25 ₹ 25 | 4≈04 5≈25 | 24≈23 25≈15 | 9 X 32 9 X 58 | 27 × 01 27 × 04 |
| pc | 24×18 | 5≈05 | 24≈11 24≈42 | 9 X 04 | 25 X 38 | 24 x·27 25 ∡ 17 | 5≈39 | 24≈43 25≈13 | 9 X 23 | 26 X 22 | 25 x·25 26 ₹ 15 | 5≈23 6≈13 | 25≈13 | 10 X 13 | 27 X 04 27 X 05 |
| г | 10 | 2 12 100 | | - 7,01 | | 1/ | 212.37 | | - 7,50 | | -57. 15 | 5.5.15 | | 1 7, 15 | |

| | Sid.Tir MC: | | 48m A :02'44 | RMC: 2 | 207°00' | Sid.Tir MC: | | 52m A)5'37 | RMC: 2 | 208°00' | Sid.Tir 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 ¥ 43 | 0 ₹ 10 | 28 ₮ 09 | 26중00 | 25≈44 | 27 X 49 | 1 ₹ 07 | 29 ₹ 04 | 26궁57 | 26≈46 | 28 X 54 |
| 1S | 29 m 23 | 27 ₹ 35 | 25중25 | 24≈55 | 26 X 44 | 0×21 | 28×30 | 26궁22 | 25≈56 | 27 X 49 | 1 🗷 18 | 29 ₹ 25 | 27궁19 | 26≈58 | 28 X 54 |
| 2S | 29 m 33 | 27 🗷 56 | 25847 | 25≈07 | 26 × 45 | 0 7 31 | 28 🗷 51 | 26843 | 26≈09 26 21 | 27 ¥ 50 | 1 🗷 29 | 29 🗷 46 | 27340 | 27≈10 | 28 X 55 |
| 3S 4S | 29 m 44 29 m 55 | 28 ∡ 16 28 ∡ 37 | 26 궁 08 26 궁 30 | 25≈19 25≈32 | 26 \times 46 | 0 ₹ 42 0 ₹ 53 | 29 × 11 29 × 32 | 27중05 27중26 | 26≈21 26≈33 | 27 X 50 27 X 51 | 1 \$\tilde{40} \\ 1 \tilde{51} | 0중07 0중27 | 28중01 28중23 | 27≈22 27≈34 | 28 ¥ 55 28 ¥ 55 |
| 5S | 0 ₹ 05 | 28 \$7 58 | 26궁51 | 25≈44 | 26 X 47 | 1 🗷 04 | 29 \$7 53 | 27중48 | 26≈44 | 27 X 51 | 2×01 | 0중48 | 28344 | 27≈45 | 28 X 55 |
| 6S | 0x 05 | 29 \$7 19 | 27중13 | 25≈56 | 26 X 48 | 1 2 14 | 0중14 | 28 궁 09 | 26≈56 | 27 X 52 | 2 \$7 12 | 1309 | 29중05 | 27≈43 27≈57 | 28 X 56 |
| 7S | 0 ₹ 27 | 29 ∡ 40 | 27중34 | 26≈08 | 26 X 48 | 1 ₹ 25 | 0중35 | 28중30 | 27≈08 | 27 X 52 | 2 ₹ 24 | 1중30 | 29궁26 | 28≈08 | 28 ¥ 56 |
| 8S | 0 ₹ 38 | 0중01 | 27궁56 | 26≈20 | 26 X 49 | 1 × 36 | 0중56 | 28궁51 | 27≈19 | 27 X 53 | 2×35 | 1공51 | 29궁47 | 28≈19 | 28 ¥ 56 |
| 9S | 0 ₹ 49 | 0중22 | 28중17 | 26≈32 | 26 ¥ 50 | 1 ₹ 48 | 1중17 | 29중12 | 27≈31 | 27 ¥ 53 | 2 ₹ 46 | 2중12 | 0≈08 | 28≈30 | 28 X 56 |
| 10S | 1 7 00 | 0중43 | 28 궁 38 | 26≈44 26 55 | 26 X 51 | 1 \$7 59 | 1338 | 29중33 | 27≈43 | 27 × 54 | 2 \$7 57 | 2중33 | 0≈29 | 28≈42 | 28 X 57 |
| 11S 12S | 1 ₹ 12 1 ₹ 23 | 1중05 1중26 | 28 궁 59 29 궁 21 | 26≈55 27≈07 | 26 \times 51 26 \times 52 | 2 ₹ 10 2 ₹ 22 | 2중00 2중21 | 29 ප 54 0≈16 | 27≈54 28≈05 | 27 X 54 27 X 54 | 3 ₹ 09 3 ₹ 20 | 2 궁 55 3 궁 16 | 0≈50 1≈11 | 28≈53 29≈04 | 28 X 57 28 X 57 |
| 13S | 1 🗷 35 | 1348 | 29중42 | 27≈19 | 26 X 53 | 2 × 33 | 2543 | 0≈37 | 28≈17 | 27 X 55 | 3 × 32 | 3 3 38 | 1≈31 | 29≈15 | 28 X 57 |
| 14S | 1 ≉ 46 | 2중10 | 0≈03 | 27≈30 | 26 X 53 | 2 ₹ 45 | 3중05 | 0≈58 | 28≈28 | 27 X 55 | 3 ∡ 44 | 3중59 | 1≈52 | 29≈26 | 28 X 57 |
| 15S | 1 ₹ 58 | 2중32 | 0≈25 | 27≈42 | 26 X 54 | 2 ₹ 57 | 3중27 | 1≈19 | 28≈39 | 27 X 56 | 3 ₹ 56 | 4중21 | 2≈13 | 29≈37 | 28 X 58 |
| 16S | 2 ₹ 10 | 2854 | 0≈46 | 27≈54 | 26 ¥ 55 | 3 7 09 | 3849 | 1≈40 | 28≈51 | 27 × 56 | 4 <i>₹</i> 08 | 4843 | 2≈34 | 29≈48 | 28 X 58 |
| 17S 18S | 2 ₹ 22 2 ₹ 34 | 3중17 3중39 | 1≈07 1≈29 | 28≈05 28≈17 | 26 \times 56 26 \times 56 | 3 ₹21 3 ₹34 | 4중11 4중34 | 2≈01 2≈23 | 29≈02 29≈13 | 27 X 57 27 X 57 | 4 ₹ 20 4 ₹ 33 | 5 3 06 5 3 28 | 2≈55 3≈16 | 29≈59 0 ¥ 10 | 28 \(\mathref{H}\) 58 28 \(\mathref{H}\) 58 |
| 19S | 2×.34 2×147 | 4중02 | 1≈29 | 28≈17 28≈28 | 26 X 57 | 3 x 34 3 x 46 | 4834 4 8 57 | 2≈23 2≈44 | 29≈13 29≈25 | 27 X 57 | 4 x · 33 | 5정51 | 3≈10 | 0 X 10 | 28 X 59 |
| 20S | 3 ₹ 00 | 4325 | 2≈12 | 28≈40 | 26 X 58 | 3 × 59 | 5중20 | 3≈05 | 29≈36 | 27 X 58 | 4×158 | 6314 | 3≈59 | 0 X 32 | 28 X 59 |
| 21S | 3 ₹ 12 | 4중49 | 2≈34 | 28≈52 | 26 × 58 | 4 ₹ 12 | 5중43 | 3≈27 | 29≈47 | 27 X 59 | 5 <i>₹</i> 11 | 6공37 | 4≈20 | 0 X 43 | 28 X 59 |
| 22S | 3 ₹ 26 | 5중12 | 2≈56 | 29≈03 | 26 × 59 | 4×25 | 6중07 | 3≈48 | 29≈59 | 27 X 59 | 5 ₹ 24 | 7중01 | 4≈41 | 0 × 54 | 28 ¥ 59 |
| 23S 24S | 3 ₹ 39 3 ₹ 53 | 5 3 7 6 3 01 | 3≈18 3≈40 | 29≈15 29≈27 | 27 ¥ 00 | 4 ₹ 39 4 ₹ 52 | 6 공 31 6 공 55 | 4≈10 4≈32 | 0 X 10 0 X 21 | 28 ¥ 00 28 ¥ 00 | 5 ₹ 38 5 ₹ 52 | 7 3 25 7 3 49 | 5≈03 5≈24 | 1 X 05 1 X 16 | 29 \(\frac{1}{29}\) \(\frac{1}{20}\) |
| | | | | | 27¥01 | | | | | | | | | | |
| 25S 26S | 4∡06 4∡21 | 6 3 26 6 3 51 | 4≈02 4≈25 | 29≈38 29≈50 | 27 ¥ 01 27 ¥ 02 | 5 ₹ 06 5 ₹ 20 | 7 る 20 7 る 44 | 4≈54 5≈16 | 0 ¥ 33 0 ¥ 44 | 28 ¥ 01 28 ¥ 01 | 6 ₹ 06 6 ₹ 20 | 8 국 13 8 국 38 | 5≈46 6≈08 | 1 X 27 1 X 38 | 29 ¥ 00 29 ¥ 00 |
| 27S | 4×35 | 7중16 | 4≈47 | 0 × 02 | 27 × 03 | 5×25 | 8310 | 5≈39 | 0 X 56 | 28 × 02 | 6×35 | 9중03 | 6≈30 | 1 X 50 | 29 × 01 |
| 28S | 4≯50 | 7중42 | 5≈10 | 0 X 14 | 27 X 04 | 5 ₹ 50 | 8 궁 36 | 6≈01 | 1 X 07 | 28 X 02 | 6 ₹ 50 | 9궁29 | 6≈53 | 2 X 01 | 29 X 01 |
| 29S | 5 ₹ 05 | 8808 | 5≈33 | 0 ¥ 26 | 27 ¥ 04 | 6 ₹ 05 | 9중02 | 6≈24 | 1 X 19 | 28 ¥ 03 | 7 ₹ 05 | 9중55 | 7≈15 | 2 X 12 | 29 X 01 |
| 30S | 5 ₹ 20 | 8중35 | 5≈57 | 0 X 38 | 27 ¥ 05 | 6 <i>₹</i> 21 | 9중28 | 6≈47 | 1 X 31 | 28 ¥ 03 | 7 ₹ 20 | 10중21 | 7≈38 | 2 X 24 | 29 × 01 |
| 31S 32S | 5 ₹ 36 5 ₹ 53 | 9 궁 02 9 궁 30 | 6≈20 6≈44 | 0 X 50 1 X 03 | 27 ¥ 06 27 ¥ 07 | 6 x 37 6 x 53 | 9 공 55 10 공 23 | 7≈10 7≈34 | 1 X 43 1 X 55 | 28 × 04 28 × 04 | 7 ₹ 36 7 ₹ 53 | 10중48 11중16 | 8≈01 8≈24 | 2 X 35 2 X 47 | 29 \(\frac{1}{29}\) \(\ |
| 33S | 6×109 | 9정58 | 7≈08 | 1 X 15 | 27 × 08 | 7 ₹ 10 | 10323 | 7≈58 | 2 X 07 | 28 × 05 | 8 × 10 | 11344 | 8≈47 | 2 X 59 | 29 × 02 |
| 34S | 6≯26 | 10궁27 | 7≈32 | 1 X 28 | 27 ¥ 08 | 7 ₹ 27 | 11중20 | 8≈22 | 2 X 19 | 28 X 05 | 8 ₹ 27 | 12312 | 9≈11 | 3 X 10 | 29 X 02 |
| 35S | 6 ≉ 44 | 10궁56 | 7≈57 | 1 X 40 | 27 ¥ 09 | 7 <i>≱</i> 45 | 11349 | 8≈46 | 2¥31 | 28 X 06 | 8 <i>≱</i> 45 | 12341 | 9≈35 | 3 ¥ 22 | 29 X 03 |
| 36S | 7 ₹ 02 | 11327 | 8≈22 | 1 X 53 | 27 ¥ 10 | 8 🗷 03 | 12319 | 9≈11 | 2 X 44 | 28 × 07 | 9 🗷 03 | 13811 | 9≈59 | 3 X 34 | 29 ¥ 03 |
| 37S 38S | 7₹21 7₹40 | 11る57 12る29 | 8≈47 9≈13 | 2 ¥ 06 | 27 X 11 27 X 12 | 8 ₹ 22 8 ₹ 41 | 12 3 49 13 3 20 | 9≈36 10≈01 | 2 X 56 3 X 09 | 28 \(\mathcal{H}\) 07 28 \(\mathcal{H}\) 08 | 9 \$7 22 | 13중41 14중12 | 10≈24 10≈49 | 3 X 47 3 X 59 | 29 \(\pm\) 03 29 \(\pm\) 04 |
| 39S | 8 🗷 00 | 13301 | 9≈39 | 2 X 32 | 27 X 13 | 9 \$701 | 13で20 13で52 | 10≈01 | 3 X 22 | 28 × 08 | 10 \$701 | 14312 | 11≈14 | 4 X 11 | 29 × 04 |
| 40S | 8 <i>₹</i> 21 | 13중34 | 10≈06 | 2 X 46 | 27 ¥ 14 | 9 ₹ 22 | 14중25 | 10≈53 | 3 X 35 | 28 X 09 | 10 ₹ 22 | 15중16 | 11≈40 | 4 ¥ 24 | 29 X 04 |
| 41S | 8 ₹ 42 | 14궁07 | 10≈32 | 3 ¥ 00 | 27 X 14 | 9 ₹ 43 | 14궁58 | 11≈19 | 3 X 48 | 28 × 09 | 10 <i>x</i> ⁴43 | 15~349 | 12≈06 | 4 X 37 | 29 × 04 |
| 42S | 9 ₹ 04 | 14342 | 11≈00 | 3 X 13 | 27 ¥ 15 | 10 ₹ 05 | 15중33 | 11≈46 | 4 ¥ 02 | 28 X 10 | 11 ₹ 06 | 16중23 | 12≈33 | 4 ¥ 50 | 29 ¥ 05 |
| 43S 44S | 9 <i>₹</i> 27 9 <i>₹</i> 51 | 15중18 15중54 | 11≈28 11≈56 | 3 X 27 3 X 42 | 27 X 16 27 X 17 | 10 ₹28 10 ₹52 | 16 궁 08 16 궁 44 | 12≈14 12≈42 | 4 X 15 4 X 29 | 28 X 11 28 X 11 | 11 ₹29 11 ₹52 | 16 궁 58 17 궁 34 | 13≈00 13≈27 | 5 X 03 5 X 17 | 29 \(\frac{1}{29}\) \(\ |
| | | | | | | | | | | | | | | | |
| 45S 46S | 10∡16 10∡41 | 16중32 17중10 | 12≈25 12≈54 | 3 X 56 4 X 11 | 27 X 18 27 X 19 | 11 ∡ 17 11 ∡ 42 | 17중21 17중59 | 13≈10 13≈39 | 4 X 43 4 X 58 | 28 X 12 28 X 13 | 12 ₹ 17 12 ₹ 43 | 18 궁 11 18 궁 49 | 13≈55 14≈24 | 5 X 30 5 X 44 | 29 \times 06 29 \times 06 |
| 47S | 11∡08 | 17궁50 | 13≈25 | 4 ¥ 26 | 27 ¥ 20 | 12 ₹ 09 | 18중39 | 14≈09 | 5 × 12 | 28 X 13 | 13 × 10 | 19る27 | 14≈53 | 5 X 58 | 29 ¥ 06 |
| 48S | 11 🗷 36 | 18331 | 13≈55 | 4 X 41 | 27 ¥ 21 | 12 7 37 | 19중19 | 14≈39 | 5 X 27 | 28 × 14 | 13 🗷 38 | 20중08 | 15≈23 | 6 X 13 | 29 X 07 |
| 49S | 12 ₹ 05 | 19813 | 14≈27 | 4 X 57 | 27 ¥ 22 | 13 🗷 06 | 20중01 | 15≈10 | 5 ** 42 | 28 ¥ 15 | 14 🗷 07 | 20349 | 15≈53 | 6 X 28 | 29 X 07 |
| 50S | 12×36 | 19중57 20중42 | 14≈59 15≈31 | 5 X 13 | 27 ¥ 24 27 ¥ 25 | 13 ₹ 37 14 ₹ 09 | 20중44 21중29 | 15≈41 16≈14 | 5 X 58 | 28 ¥ 16 | 14 × 38 | 21중32 22중16 | 16≈24 16≈56 | 6 ¥ 43 | 29 \(\frac{1}{29}\) \(\ |
| 51S 52S | 13 ∡ 08 13 ∡ 42 | 20 5 42 21 중 28 | 15≈31 16≈05 | 5 X 29 5 X 46 | 27 H 25 27 H 26 | 14 × 09 14 × 43 | 21·629 22·중15 | 16≈14 16≈47 | 6 X 14 6 X 30 | 28 X 16 28 X 17 | 15 ₹ 10 15 ₹ 43 | 22 5 16 23 중 01 | 16≈56 17≈29 | 6 ¥ 58 7 ¥ 14 | 29 H 08 |
| 53S | 14×17 | 22316 | 16≈39 | 6 × 03 | 27 X 27 | 15 ₹ 18 | 23중02 | 17≈21 | 6 X 46 | 28 X 18 | 16 🗷 19 | 23348 | 18≈02 | 7 × 30 | 29 ¥ 09 |
| 54S | 14 ₹ 55 | 23중06 | 17≈15 | 6 ∺ 20 | 27 ¥ 28 | 15 ₹ 56 | 23중51 | 17≈55 | 7 ∺ 03 | 28 X 19 | 16 ₹ 56 | 24중37 | 18≈36 | 7 ∺ 46 | 29 X 09 |
| 55S | 15 ₹ 34 | 23중58 | 17≈51 | 6 ∺ 38 | 27 ¥ 30 | 16 ₹ 35 | 24842 | 18≈31 | 7 ∺ 21 | 28 X 20 | 17 ₹ 35 | 25중27 | 19≈11 | 8 X 03 | 29 X 10 |
| 56S | 16×16 | 24 공 51 | 18≈28 10≈06 | 6 X 57 | 27 ¥ 31 | 17 \$7 17 | 25335 | 19≈07 | 7 X 38 | 28 ¥ 21 | 18 🗷 17 | 26중19 | 19 ≈ 47 | 8 X 20 | 29 ¥ 10 |
| 57S 58S | 17≯00 17≯47 | 25 궁 47 26 궁 44 | 19≈06 19≈45 | 7 X 16 7 X 35 | 27 ¥ 32 27 ¥ 34 | 18 ∡ 01 18 ∡ 48 | 26중30 27중27 | 19≈45 20≈24 | 7 ¥ 57 8 ¥ 15 | 28 X 21 28 X 22 | 19 ₹ 01 19 ₹ 47 | 27중13 28중09 | 20≈24 21≈02 | 8 X 38 8 X 56 | 29 X 10 29 X 11 |
| 59S | 18 🗷 37 | 27844 | 20≈26 | 7 X 55 | 27 × 35 | 19 🗷 37 | 28826 | 21≈03 | 8 X 35 | 28 X 23 | 20 🗷 37 | 29중08 | 21≈02 21≈41 | 9 X 15 | 29 X 11 |
| 60S | 19∡30 | 28중47 | 21≈07 | 8 X 15 | 27 X 37 | 20 ₹ 30 | 29중27 | 21≈44 | 8 + 55 | 28 X 24 | 21 ₹ 30 | 0≈08 | 22≈21 | 9 X 34 | 29 X 12 |
| 61S | 20 ₹ 27 | 29중51 | 21≈50 | 8 X 36 | 27 X 38 | 21 ~ 27 | 0≈31 | 22≈26 | 9 ₩ 15 | 28 X 25 | 22 × 26 | 1≈11 | 23≈02 | 9 ¥ 54 | 29 X 12 |
| 62S | 21 🗷 28 | 0≈59 | 22≈34 | 8 X 58 | 27 × 40 | 22 × 28 | 1≈38 | 23≈10 | 9 X 36 | 28 ¥ 27 | 23 🗷 26 | 2≈17 | 23≈45 | 10 × 14 | 29 ¥ 13 |
| 63S 64S | 22 ₹ 34 23 ₹ 44 | 2≈10 3≈23 | 23≈20 24≈07 | 9 X 21 9 X 44 | 27 X 42 27 X 44 | 23 🗷 33 24 🗷 43 | 2≈48 4≈00 | 23≈54 24≈41 | 9 ¥ 58 10 ¥ 21 | 28 ¥ 28 28 ¥ 29 | 24 ₹31 25 ₹40 | 3≈25 | 24≈29 25≈14 | 10 ¥ 36 10 ¥ 57 | 29 X 14 29 X 14 |
| 65S | 25 x · 44 25 x 00 | 4≈40 | 24≈56 | 10 X 08 | 27 X 44 | 25 × 58 | | 25≈28 | 10 X 21 | 28 X 30 | 26 × 55 | | 25≈14 26≈01 | | 29 X 14 |
| 66S | 25 × 00 26 × 23 | 6≈00 | 24≈36 25≈46 | 10 X 08 | 27 X 46 27 X 48 | 25 × 38 27 × 20 | 5≈15 6≈34 | 25≈28 26≈18 | 10 X 44 11 X 08 | 28 X 30 | 28 × 16 | 5≈51 7≈09 | 26≈01 26≈49 | 11 X 20 11 X 43 | 29 X 15 |
| pc | 27 ₹ 12 | 6≈46 | 26≈15 | 10 X 48 | 27 X 49 | 28 ₹ 08 | 7≈20 | 26≈46 | 11 X 22 | 28 × 32 | 29 ₹ 04 | 7≈54 | 27≈17 | 11 X 57 | 29 X 16 |
| | | | the mean i | | | | | | | | | | ļ. | i | |

| | Sid.Tir MC: | | 00m A 0'53 | RMC: 2 | 10°00' | Sid.Tir MC: | | 04m A 3'15 | RMC: 2 | 211°00' | Sid.Tir MC: | | 08m A 5'27 | RMC: 2 | 12°00' |
|---------------------------------|--------------------------------|----------------------------------|----------------|--|------------------------|----------------------------------|----------------------------------|----------------|--|------------------|--------------------------------|----------------------------------|----------------|--|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 2 ₹ 05 | 0중00 | 27궁54 | 27≈49 | 0 Υ 00 | 3 ≈ 02 | 0중55 | 28궁52 | 28≈51 | 1 Υ 05 | 3 ₹ 59 | 1공50 | 29궁49 | 29≈54 | 2Υ10 |
| 1S | 2 ₹ 16 | 0중20 | 28중16 | 28≈00 | 0 Υ 00 | 3 ₹ 13 | 1중15 | 29중13 | 29≈03 | 1Υ05 | 4 <i>≯</i> 10 | 2중10 | 0≈10 | 0 X 05 | 2Y10 |
| 2S | 2 ₹ 26 | 0중41 | 28궁37 | 28≈12 | 0Υ00 | 3 ₹ 24 | 1중36 | 29궁34 | 29≈14 | 1Υ04 | 4 <i>₹</i> 21 | 2331 | 0≈31 | 0 X 16 | 2Υ09 |
| 3S | 2 🗷 37 | 1중02 | 28 궁 58 | 28≈23 | 0Υ00 | 3 🗷 35 | 1공57 | 29궁55 | 29≈25 20 26 | 1 Υ 04 | 4 🗷 32 | 2852 | 0≈52 | 0 ¥ 27 | 2Υ09 |
| 4S | 2 ₹ 48 | 1る22 | 29중19 | 28≈35 | 0Υ00 | 3 ∡ 46 | 2중17 | 0≈16 | 29≈36 | 1 1 7 04 | 4 <i>≯</i> 143 | 3중12 | 1≈13 | 0 ¥ 37 | 2 ℃ 08 |
| 5S | 2 ₹ 59 | 1중43 | 29중40 | 28≈46 | 0Υ00 | 3 ₹ 57 | 2중38 | 0≈37 | 29≈47 | 1 Υ 04 | 4 × 54 | 3중33 | 1≈33 | 0 X 48 | 2Υ08 |
| 6S 7S | 3 ₹ 10 | 2정04 2정25 | 0≈01 0×22 | 28≈57 2008 | 0000 | 4×108 | 2359 | 0≈57 | 29≈58 | 1 Υ 03 | 5×106 | 3 공 54 | 1≈54 | 0 X 58 | 2Υ07 2Υ07 |
| 8S | 3 ₹21 3 ₹33 | 2 5 23 2 5 46 | 0≈22 0≈43 | 29≈08 29≈19 | 0Υ00 0Υ00 | 4 ₹ 19 4 ₹ 31 | 3 중 20 3 중 41 | 1≈18 1≈39 | 0 X 08 0 X 19 | 1 Y 03 1 Y 03 | 5 ₹ 17 5 ₹ 28 | 4중15 4중36 | 2≈14 2≈35 | 1 X 09 1 X 19 | 2Υ07 2Υ06 |
| 9S | 3×35 | 3중07 | 1≈04 | 29≈30 | 0Υ00 | 4 🗷 42 | 4정02 | 1≈59 | 0 × 30 | 1 γ 03 | 5×20 | 4공57 | 2≈55 | 1 X 29 | 2Υ06 |
| 10S | 3 × 55 | 3중28 | 1≈24 | 29≈41 | 0Υ00 | 4 <i>₹</i> 153 | 4중23 | 2≈20 | 0 X 40 | 1 7 02 | 5×151 | 5중18 | 3≈15 | 1)(40 | 2Υ05 |
| 11S | 4 ₹ 07 | 3 3 49 | 1≈45 | 29≈52 | 0Υ00 | 5×105 | 4 3 44 | 2≈40 | 0 X 51 | 1 γ 02 | 6×03 | 5중39 | 3≈36 | 1 X 5 0 | 2Υ05 2Υ05 |
| 12S | 4 <i>₹</i> 19 | 4ਰ11 | 2≈06 | 0 X 03 | 0Υ00 | 5 <i>≱</i> 17 | 5ਰ06 | 3≈01 | 1 X 01 | 1Υ02 | 6 ₹ 15 | 6중00 | 3≈56 | 2 × 00 | 2Υ05 |
| 13S | 4 <i>₹</i> 30 | 4중32 | 2≈26 | 0 X 13 | 0Υ00 | 5 ₹ 29 | 5827 | 3≈21 | 1 X 12 | 1Υ02 | 6 <i>≱</i> 27 | 6号22 | 4≈16 | 2 X 10 | 2Υ04 |
| 14S | 4 ₹ 42 | 4궁54 | 2≈47 | 0 ₩ 24 | 0Υ00 | 5 ≉ 40 | 5ਰ49 | 3≈42 | 1 X 22 | 1Υ02 | 6 ₹ 39 | 6중43 | 4≈36 | 2 ¥ 20 | 2Υ04 |
| 15S | 4 ₹ 54 | 5중16 | 3≈08 | 0 X 35 | 0Υ00 | 5 ₹ 53 | 6중10 | 4≈02 | 1 X 32 | 1 Υ 01 | 6∡51 | 7중05 | 4≈57 | 2 X 30 | 2Υ03 |
| 16S | 5 ≯ 06 | 5중38 | 3≈28 | 0 ¥ 45 | 0Υ00 | 6 ₹ 05 | 6중32 | 4≈23 | 1 X 43 | 1Υ01 | 7 ≠ 03 | 7중27 | 5≈17 | 2 X 40 | 2Υ03 |
| 17S | 5 ₹ 19 | 6중00 | 3≈49 | 0 X 56 | 0Υ00 | 6 <i>₹</i> 17 | 6중55 | 4≈43 | 1 X 53 | 1Υ01 | 7∡16 | 7정49 | 5≈37 | 2 X 50 | 2Υ02 |
| 188 | 5×31 | 6 군 23 | 4≈10 | 1 X 07 | 0000 | 6×130 | 7 3 17 | 5≈04 5×24 | 2 X 04 | 1901 | 7 × 28 | 8311 | 5≈58 | 3 X 00 | 2Υ02 |
| 19S | 5 ≯ 44 | 6정45 | 4≈31 | 1 X 17 | 0Υ00 | 6 <i>x</i> ⁴43 | 7중40 | 5≈24 | 2 X 14 | 1Υ00 | 7.741 | 8중34 | 6≈18 | 3 X 10 | 2Υ01 |
| 20S | 5 ₹ 57 | 7중08 | 4≈52 | 1 X 28 | 0Υ00 | 6×156 | 8중02 | 5≈45 | 2 X 24 | 1Υ00 | 7 × 54 | 8중57 | 6≈39 | 3 X 21 | 2Υ01 |
| 21S 22S | 6≯10 6≯23 | 7 공 31 7 공 55 | 5≈13 5≈34 | 1 X 39 1 X 49 | 0Υ00 0Υ00 | 7 ₹ 09 7 ₹ 22 | 8 3 26 8 3 49 | 6≈06 6≈27 | 2 X 35 2 X 45 | 1Υ00 1Υ00 | 8 ₹ 07 8 ₹ 21 | 9 궁 20 9 궁 43 | 6≈59 7≈20 | 3 X 31 3 X 41 | 2Υ00 2Υ00 |
| 23S | 6×137 | 8중19 | 5≈55 | 2 H 00 | 0Υ00 | 7×22 | 9정13 | 6≈48 | 2 X 45 | 0Υ59 | 8 x 35 | 10중06 | 7≈20 7≈40 | 3 X 51 | 1Υ59 |
| 24S | 6 ₹ 51 | 8343 | 6≈17 | 2 X 11 | 0Υ00 | 7 ₹ 50 | 9중36 | 7≈09 | 3 × 06 | 0Υ59 | 8 ≯ 48 | 10중30 | 8≈01 | 4 X 01 | 1Υ59 |
| 25S | 7 <i>≠</i> 05 | 9동07 | 6≈38 | 2 X 22 | 0 Υ 00 | 8 ₹ 04 | 10중01 | 7≈30 | 3 X 16 | 0Υ59 | 9 🗷 03 | 10공54 | 8≈22 | 4¥11 | l 1Υ58 |
| 26S | 7. ₹ 19 | 9중32 | 7≈00 | 2 X 33 | 0Υ00 | 8 ₹ 18 | 10중25 | 7≈52 | 3 × 27 | 0Υ59 | 9×17 | 11319 | 8≈43 | 4 X 21 | 1Υ58 |
| 27S | 7 <i>≱</i> 34 | 9궁57 | 7≈22 | 2 X 43 | 0Υ00 | 8 ₹ 33 | 10궁50 | 8≈13 | 3 X 37 | 0Υ58 | 9 ₹ 32 | 11중43 | 9≈05 | 4 X 31 | 1 ℃ 57 |
| 28S | 7 . 749 | 10중22 | 7≈44 | 2 X 54 | 0Υ00 | 8 ₹ 48 | 11315 | 8≈35 | 3 X 48 | 0Υ58 | 9₹47 | 12중09 | 9≈26 | 4 X 42 | 1Υ57 |
| 29S | 8 ₹ 04 | 10중48 | 8≈06 | 3 X 05 | 0Υ00 | 9 ≈ 04 | 11궁41 | 8≈57 | 3 X 59 | 0Υ58 | 10 ₹ 03 | 12중34 | 9≈48 | 4 ¥ 52 | 1 Y 56 |
| 30S | 8 ₹ 20 | 11314 | 8≈28 | 3 X 17 | 0Υ00 | 9 ₹ 19 | 12중07 | 9≈19 | 4 X 09 | 0Υ58 | 10 ₹ 18 | 13중00 | 10≈10 | 5 X 02 | 1Υ56 |
| 31S 32S | 8 ₹ 36 8 ₹ 53 | 11중41 12중08 | 8≈51 9≈14 | 3 X 28 3 X 39 | 0Υ00 0Υ00 | 9 ₹ 35 9 ₹ 52 | 12중34 13중01 | 9≈41 10≈04 | 4 ¥ 20 | 0 ° 57 0 ° 57 | 10 x 34 10 x 51 | 13중26 13중53 | 10≈32 | 5 X 13 5 X 23 | 1Υ55 1Υ55 |
| 33S | 9×109 | 12836 | 9≈14 | 3 X 50 | 0Υ00 0Υ00 | 10×109 | 13 중 01 | 10≈04 | 4 X 31 4 X 42 | 0Υ57 0Υ57 | 10 x 31 11 z 08 | 14321 | 10≈54 11≈16 | 5 X 23 | 1 Υ 53 |
| 34S | 9 ₹ 27 | 13304 | 10≈00 | 4 X 02 | 0Υ00 | 10 ₹ 26 | 13중57 | 10≈50 | 4 × 53 | 0Υ57 | 11 🗷 25 | 14349 | 11≈39 | 5 X 45 | 1Υ54 |
| 35S | 9 <i>x</i> ³45 | 13중33 | 10≈24 | 4 ∺ 13 | 0Υ00 | 10 ₹ 44 | 14중25 | 11≈13 | 5 X 05 | 0Υ56 | 11 🗷 43 | 15중17 | 12≈02 | 5 X 56 | 1Υ53 |
| 36S | 10 🗷 03 | 14중03 | 10≈48 | 4 X 25 | 0Υ00 | 11 ₹ 03 | 14궁54 | 11≈37 | 5 × 16 | 0Υ56 | 12 ₹ 02 | 15846 | 12≈25 | 6 × 07 | 1Υ53 |
| 37S | 10 ₹ 22 | 14중33 | 11≈12 | 4 ¥ 37 | 0Υ00 | 11∡21 | 15중24 | 12≈01 | 5 X 27 | 0Υ56 | 12 ₹ 21 | 16중15 | 12≈49 | 6 | 1Υ52 |
| | | 15중03 | | 4 X 49 | | | | 12≈25 | | | | 16346 | | 6¥29 | 1Υ51 |
| | 11 ₹ 01 | 15중35 | 12≈02 | 5 X 01 | 0Υ00 | 12 ₹ 01 | 16중26 | 12≈49 | 5 X 51 | 0Υ55 | 13 ≈ 00 | 17중17 | 13≈37 | 6 X 40 | 1 Y 51 |
| | 11 ₹ 22 | 16중07 | 12≈27 | 5 X 13 | 0Υ00 | 12 ₹ 22 | 16궁58 | 13≈14 | 6 X 03 | 0Υ55 | 13 ₹ 21 | 17348 | 14≈02 | 6 X 52 | 1Υ50 |
| 415 | 11 🗷 44 | 16중40 | 12≈53 | 5 X 26 | 0000 | 12 7 43 | 17330 | 13≈40 | 6 X 15 | 0Υ55 0Ω54 | 13 🗷 43 | 18320 | 14≈27 | 7 X 03 | 1 Υ 50 |
| 42S 43S | 12∡06 12∡29 | 17중13 17중48 | 13≈19 13≈46 | 5 X 38 5 X 51 | 0°00 0°00 | 13 ∡ 06 13 ∡ 29 | 18 궁 04 18 궁 38 | 14≈06 14≈32 | 6 X 27 6 X 39 | 0 ° 54 0 ° 54 | 14 ∡ 05 14 ∡ 28 | 18 궁 54 19 궁 28 | 14≈52 15≈18 | 7 X 15 7 X 27 | 1 Y 49 1 Y 48 |
| | 12×23 | 18324 | 14≈13 | 6 X 04 | 0Υ00 | 13 🛪 52 | 19중13 | 14≈59 | 6 X 52 | 0Υ54 | 14 🗷 52 | 20302 | 15≈44 | 7 X 39 | 1Υ48 |
| | 13 ₹ 17 | 19궁00 | 14≈41 | 6 ∺ 18 | 0Υ00 | 14 <i>≱</i> 17 | 19궁49 | 15≈26 | 7 ∺ 05 | 0Υ53 | 15 ~ 17 | 20중38 | 16≈11 | 7 ∺ 52 | 1Υ47 |
| 46S | 13 🗷 43 | 19중37 | 15≈09 | 6×31 | 0Υ00 | 14 🗷 43 | 20중26 | 15≈53 | 7 X 18 | 0Υ53 | 15 🖈 43 | 21315 | 16≈38 | 8 × 04 | 1Υ46 |
| 47S | 14 ₹ 10 | 20중16 | 15≈37 | 6 | 0Υ00 | 15 ₹ 10 | 21궁04 | 16≈22 | 7 ∺ 31 | 0Υ53 | 16 ₹ 09 | 21중53 | 17≈06 | 8 X 17 | 1 Υ 46 |
| 48S | 14 ₹ 38 | 20궁56 | 16≈07 | 6 ₩59 | 0Υ00 | 15 <i>≯</i> 38 | 21344 | 16≈50 | 7 ¥ 45 | 0Υ52 | 16×37 | 22331 | 17≈34 | 8 X 30 | 1Υ45 |
| 49S | 15 ₹ 07 | 21중37 | 16≈37 | 7 X 13 | 0Υ00 | 16 ₹ 07 | 22중24 | 17≈20 | 7 ∺ 58 | 0Υ52 | 17 ₺ 07 | 23중11 | 18≈03 | 8 X 44 | 1 Ƴ 44 |
| 50S | 15 ₹ 38 | 22319 | 17≈07 | 7 ¥ 27 | 0Υ00 | 16 ₹ 38 | 23중06 | 17≈50 | 8 X 12 | 0Υ51 | 17 <i>≭</i> 37 | 23중53 | 18≈33 | 8 X 57 | 1Υ43 |
| 518 | 16 🗷 10 | 23 3 02 | 17≈38 | 7 X 42 | 0Υ00 | 17 7 10 | 23349 | 18≈21 | 8 X 27 | 0Υ51 | 18 7 09 | 24335 | 19≈03 | 9 X 11 | 1 Υ 43 |
| 52S 53S | 16∡44 17∡19 | 23중47 24중34 | 18≈10 18≈43 | 7 X 58 8 X 13 | 0°00 0°00 | 17 ₹ 43 18 ₹ 18 | 24중33 25중19 | 18≈52 19≈24 | 8 X 41 8 X 56 | 0Υ51 0Υ50 | 18 ₹ 42 19 ₹ 18 | 25 궁 19 26 궁 04 | 19≈34 20≈05 | 9 X 25 9 X 40 | 1Υ42 1Υ41 |
| | 17×19 | 24 6 34 25 중 22 | 18≈43 | 8 X 29 | 0Υ00 0Υ00 | 18 × 18 | 23 5 19 26 궁 06 | 19≈24 19≈57 | 9 X 12 | 0Υ50 | 19×18 | 26중51 | 20≈03 20≈38 | 9 X 40 | 1 Υ 41 1 Υ 40 |
| 55S | 18 <i>≱</i> 35 | 26중11 | 19≈51 | 8 X 45 | 0Υ00 | 19 ₹ 35 | 26궁56 | 20≈31 | 9¥28 | 0Υ49 | 20 🗷 34 | 27340 | 21≈11 | 10 X 10 | 1Υ39 |
| 56S | 19×17 | 27 중 03 | 20≈26 | 9 X 02 | 0Υ00 | 20 🗷 16 | 20836 27 공 46 | 20≈31 21≈05 | 9 X 44 | 0Υ49 | 20 x 34 21 x 15 | 28 공 30 | 21≈11 21≈45 | 10 × 10 | 1Υ38 |
| | 20 ₹ 00 | 27중56 | 21≈02 | 9 X 19 | 0Υ00 | 20 ₹ 59 | 28중39 | 21≈41 | 10 ¥ 00 | 0Υ49 | 21 ₹ 58 | 29중22 | 22≈20 | 10 X 41 | 1Υ38 |
| 58S | 20 ≯ 47 | 28궁52 | 21≈40 | 9 ∺ 37 | 0Υ00 | 21 ∡ 46 | 29궁34 | 22≈18 | 10 X 17 | 0Υ48 | 22 ₹ 44 | 0≈16 | 22≈56 | 10 ¥ 58 | 1Υ37 |
| | 21 ₹ 36 | 29중49 | 22≈18 | 9 ¥ 55 | 0Υ00 | 22 ₹ 35 | 0≈30 | 22≈55 | 10 ¥ 35 | 0Υ48 | 23 ₹ 33 | 1≈12 | 23≈33 | 11 X 15 | 1Υ36 |
| 60S | 22 ₹ 29 | 0≈49 | 22≈57 | 10 ¥ 13 | 0Υ00 | 23 ₹ 27 | 1≈29 | 23≈34 | 10 ¥ 53 | 0Υ47 | 24 ₹ 25 | 2≈10 | 24≈11 | 11 X 32 | 1Υ35 |
| | | 1≈51 | 23≈38 | 10 ¥ 33 10 ¥ 52 | 0Υ00 | 24 🗷 23 | 2≈31 | 24≈14 | 11 X 11 | 0Υ47 | 25 🗷 20 | 3≈10 | 24≈50 25 20 | 11 X 50 | 1Υ34 |
| 61S | 23 × 25 | 2 56 | | 1 11144 57 | 0 Υ 0 0 | 25 ₹ 22 | 3≈35 | 24≈55 | 11 X 30 | 0Υ46 | 26 ₹ 19 | 4≈13 | 25≈30 | 12 X 09 | 1Υ32 |
| 61S 62S | 24 ₹ 24 | 2≈56 40003 | 24≈20 25≈03 | | | 26.726 | 1 11 | 25 27 | 1111150 | 1100712 | ∥ 77. ⊼ 100 | 5 10 | 2612 | 121/20 | |
| 61S 62S 63S | 24 ₹ 24 25 ₹ 29 | 4≈03 | 25≈03 | 11 X 13 | 0Υ00 | 26 ₹ 26 27 ₹ 34 | 4≈41 5≈50 | 25≈37 26≈21 | 11 X 50 12 X 11 | 0 ° 45 0 ° 45 | 27 × 22 28 × 30 | 5≈19 6≈27 | 26≈12 26≈55 | 12 ¥ 28 12 ¥ 47 | |
| 61S 62S 63S 64S | 24 ₹ 24 25 ₹ 29 26 ₹ 37 | 4≈03 5≈14 | 25≈03 25≈47 | 11 X 13 11 X 34 | 0Υ00 0Υ00 | 27 ≉ 34 | 5≈50 | 26≈21 | 12¥11 | 0Υ45 | 28 ₮ 30 | 6≈27 | 26≈55 | 12 X 47 | |
| 61S 62S 63S 64S 65S | 24 ₹ 24 25 ₹ 29 | 4≈03 | 25≈03 | 11 X 13 | 0Υ00 | | | | | | | | | | 1 \(\gamma \) 3 1 \(\gamma \) 3 0 \\ 1 \(\gamma \) 2 9 \\ 1 \(\gamma \) 2 7 |

| | 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: | ne: 14h2 7m2 | | RMC: 2 | :15°00' |
|--------------|--------------------|----------------------------------|----------------|--|--------------------------------|--------------------|----------------------------------|----------------|--|--------------------|-----------------------|----------------------------------|----------------|--|---------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 4 <i>≯</i> 56 | 2345 | 0≈47 | 0 | 3Υ16 | 5 ₹ 53 | 3중40 | 1≈45 | 2 X 00 | 4 Υ 21 | 6 <i>≱</i> 50 | 4중35 | 2≈43 | 3 X 03 | 5Υ26 |
| 1S | 5 ∡ 107 | 3ਰ05 | 1≈08 | 1 X 07 | 3 Υ 15 | 6 ≉ 04 | 4궁00 | 2≈05 | 2 X 10 | 4Υ20 | 7 ∡ 701 | 4궁55 | 3≈03 | 3 X 13 | 5 Y 25 |
| 2S | 5 <i>≱</i> 18 | 3ਰ26 | 1≈28 | 1 X 18 | 3Υ14 | 6 ₹ 15 | 4중21 | 2≈26 | 2 ¥ 20 | 4Υ19 | 7 ₹ 12 | 5316 | 3≈24 | 3 X 23 | 5Υ24 |
| 3S 4S | 5 × 29 | 3 공 47 | 1≈49 | 1 X 28 | 3Υ13 3Υ13 | 6×126 | 4 3 42 | 2≈46 | 2 ¥ 30 | 4Υ18 | 7 ₹ 23 7 ₹ 35 | 5 궁 37 | 3≈44 4≈04 | 3 X 33 | 5Υ23 5Υ21 |
| | 5 ₹ 40 | 4중07 | 2≈10 | 1 X 39 | | 6 🗷 38 | 5중02 | 3≈07 | 2 X 40 | 4Υ17 | | 5정57 | 4≈04 | 3 X 42 | |
| 5S 6S | 5 ₹ 52 6 ₹ 03 | 4 3 28 4 3 49 | 2≈30 2≈50 | 1 X 49 1 X 59 | 3Υ12 3Υ11 | 6 ₹ 49 7 ₹ 00 | 5 군 23 5 군 44 | 3≈27 3≈47 | 2 X 50 3 X 00 | 4 ° 16 4 ° 15 | 7 x 46 | 6 3 18 | 4≈24 4≈44 | 3 X 52 4 X 01 | 5Υ20 5Υ19 |
| 7S | 6×14 | 5중10 | 2≈30 3≈11 | 2 X 09 | 3Υ11 3Υ11 | 7 x · 00 7 x 12 | 6중04 | 3≈47 4≈07 | 3 X 10 | 4Υ13 4Υ14 | 8×109 | 6중59 | 5≈04 | 4 X 01 | 5Υ18 |
| 8S | 6×11 | 5중30 | 3≈31 | 2 X 19 | 3Υ10 | 7 × 23 | 6중25 | 4≈27 | 3 × 20 | 4Υ13 | 8 🗷 20 | 7중20 | 5≈24 | 4 X 20 | 5Υ17 |
| 9S | 6 ₰ 37 | 5ਰ51 | 3≈51 | 2 X 29 | 3℃09 | 7 <i>≱</i> 135 | 6중46 | 4≈47 | 3 X 29 | 4 Υ 12 | 8 ₹ 32 | 7ਰ41 | 5≈43 | 4 ∺ 30 | 5Υ16 |
| 10S | 6 <i>≱</i> 49 | 6중12 | 4≈11 | 2 X 39 | 3 Y 08 | 7 ₹ 46 | 7중07 | 5≈07 | 3 X 39 | 4Υ11 | 8 ~ 44 | 8중02 | 6≈03 | 4 X 39 | 5Υ14 |
| 11S | 7 ∡ 101 | 6중34 | 4≈31 | 2 X 49 | 3 Y 08 | 7 . ₹58 | 7중28 | 5≈27 | 3 X 49 | 4 Υ 10 | 8 ₹ 56 | 8중23 | 6≈23 | 4 X 48 | 5Υ13 |
| 12S | 7 ₹ 12 | 6중55 | 4≈51 | 2 X 59 | 3 ℃ 07 | 8 ₹ 10 | 7중49 | 5≈47 | 3 X 58 | 4Υ10 | 9₹08 | 8344 | 6≈42 | 4 X 57 | 5Υ12 |
| 13S | 7×24 | 7중16 | 5≈11 | 3 X 09 | 3Υ06 2₩06 | 8 🗷 22 | 8311 | 6≈06 626 | 4 × 08 | 4Υ09 | 9 \$7 20 | 9 궁 05 | 7≈02 | 5 × 06 | 5Υ11 |
| 14S | 7 ₹ 37 | 7중38 | 5≈31 | 3 ★ 19 | 3Υ06 | 8 ₹ 34 | 8중32 | 6≈26 | 4 X 17 | 4Υ08 | 9 ₹ 32 | 9궁27 | 7≈21 | 5 X 15 | 5Υ10 |
| 15S | 7 🗷 49 | 7정59 | 5≈51 | 3 ¥ 28 | 3Υ05 | 8 🗷 47 | 8중54 | 6≈46 | 4 X 26 | 4Υ07 | 9 🗷 44 | 9정48 | 7≈41 | 5 X 25 | 5Υ08 |
| 16S 17S | 8 ∡ 01 8 ∡ 14 | 8 군 21 8 군 43 | 6≈11 6≈31 | 3 ¥ 38 3 ¥ 48 | 3 Y 04 3 Y 03 | 8 ₹ 59 9 ₹ 12 | 9 궁 16 9 궁 38 | 7≈06 7≈26 | 4 X 36 4 X 45 | 4℃06 4℃05 | 9 \$7 57 10 \$7 09 | 10 さ 10 10 さ 32 | 8≈00 8≈20 | 5 X 34 5 X 43 | 5Υ07 5Υ06 |
| 18S | 8 x 26 | 9중05 | 6≈52 | 3 X 48 | 3 Υ 03 3 Υ 03 | 9x-12 9x-24 | 10중00 | 7≈20 7≈46 | 4 X 45 4 X 55 | 4 Y 03 4 Y 04 | 10 x 09 10 z 22 | 10832 | 8≈40 | 5 X 43 | 5Υ05 |
| 19S | 8×39 | 9중28 | 7≈12 | 4 ¥ 07 | 3Υ02 | 9 ₹ 37 | 10중22 | 8≈05 | 5 × 04 | 4Υ03 | 10 ₹ 22 | 11중16 | 8≈59 | 6 × 01 | 5Υ04 |
| 20S | 8 ₹ 52 | 9궁51 | 7≈32 | 4 X 17 | 3 Υ 01 | 9 2 50 | 10중44 | 8≈25 | 5 X 13 | 4Υ02 | 10 <i>₹</i> 48 | 11중38 | 9≈19 | 6 ∺ 10 | 5Υ02 |
| 21S | 9 ₹ 06 | 10중13 | 7≈52 | 4 X 27 | 3Υ01 | 10 ₹ 04 | 11궁07 | 8≈45 | 5 × 23 | 4Υ01 | 11 ₹ 02 | 12중01 | 9≈39 | 6 X 19 | 5Υ01 |
| 22S | 9 ∡ 19 | 10중37 | 8≈13 | 4 ¥ 36 | 3Υ00 | 10 ₮ 17 | 11중30 | 9≈06 | 5 X 32 | 4Υ00 | 11 ₹ 15 | 12중24 | 9≈59 | 6 ∺ 28 | 5Υ00 |
| 23S | 9 🗷 33 | 11300 | 8≈33 | 4 1 4 4 6 | 2Υ59 | 10 7 31 | 11354 | 9 ≈ 26 | 5 X 41 | 3Υ59 2W59 | 11 7 29 | 12347 | 10≈18 | 6 X 37 | 4Υ59 |
| 24S | 9 <i>≱</i> 47 | 11중24 | 8≈54 | 4 ¥ 56 | 2Y58 | 10 ₹ 45 | 12중17 | 9≈46 | 5 X 51 | 3 ℃ 58 | 11 ₹ 43 | 13중10 | 10≈39 | 6 X 46 | 4Υ58 |
| 25S | 10 7 01 | 11궁48 | 9≈14 | 5 X 06 | 2Υ58 | 11 🗷 00 | 12341 | 10≈07 | 6¥00 | 3Υ57 | 11 🗷 58 | 13중34 | 10≈59 | 6 X 55 | 4Υ56 |
| 26S 27S | 10∡16 10∡31 | 12 さ 12 12 さ 37 | 9≈35 9≈56 | 5 X 15 5 X 25 | 2Υ57 2Υ56 | 11 x 14 11 z 29 | 13 군 05 13 군 30 | 10≈27 10≈48 | 6 X 10 | 3 ° 56 3 ° 55 | 12 ₹ 12 12 ₹ 27 | 13 공 58 14 공 23 | 11≈19 11≈39 | 7 X 04 7 X 14 | 4Υ55 4Υ54 |
| 28S | 10 x 31 | 12·337 13· 3 02 | 10≈17 | 5 X 35 | 2Υ55 | 11 🗷 44 | 13 공 54 | 11≈09 | 6 X 29 | 3 Υ 54 | 12 x 27 | 14823 | 12≈00 | 7 X 23 | 4Υ53 |
| 29S | 11 🗷 01 | 13827 | 10≈39 | 5 X 45 | 2Υ55 | 12 ₹ 00 | 14궁20 | 11≈30 | 6¥39 | 3Υ53 | 12 ₹ 58 | 15중12 | 12≈21 | 7 × 32 | 4Υ51 |
| 30S | 11 🗷 17 | 13중53 | 11≈00 | 5 X 55 | 2 Y 54 | 12 ₹ 16 | 14중45 | 11≈51 | 6 ∺ 48 | 3 ℃ 52 | 13 ~ 14 | 15중38 | 12≈42 | 7 X 41 | 4Υ50 |
| 31S | 11 🗷 33 | 14궁19 | 11≈22 | 6 ₩ 05 | 2Υ53 | 12 ₹ 32 | 15ਰ11 | 12≈12 | 6 X 58 | 3Υ51 | 13 ₹ 30 | 16중04 | 13≈03 | 7 X 51 | 4Υ49 |
| 32S | 11 ∡ 50 | 14중46 | 11≈44 | 6 ∺ 16 | 2Y52 | 12 ∡ 49 | 15중38 | 12≈34 | 7 ∺ 08 | 3か50 | 13 ∡ 47 | 16중30 | 13≈24 | 8 X 00 | 4 Υ 47 |
| 33S | 12 🗷 07 | 15중13 | 12≈06 | 6 X 26 | 2Υ51 | 13 🗷 06 | 16중05 | 12≈56 | 7 X 18 | 3Υ49 | 14 🗷 04 | 16공57 | 13≈45 | 8 X 10 | 4Υ46 |
| 34S | 12 ₹ 24 | 15중40 | 12≈28 | 6 ¥ 36 | 2 Y 51 | 13 ₹23 | 16중32 | 13≈18 | 7 ∺ 28 | 3 ℃ 48 | 14 ₹ 22 | 17중24 | 14≈07 | 8 X 20 | 4Υ45 |
| 35S | 12 🗷 42 | 16중09 | 12≈51 | 6 X 47 | 2Υ50 | 13 🗷 41 | 17중00 | 13≈40 | 7 X 38 | 3 ° 47 | 14 🗷 40 | 17궁52 | 14≈29 | 8 X 29 | 4Υ43 |
| 36S 37S | 13 ∡ 01 13 ∡ 20 | 16중37 17중07 | 13≈14 13≈37 | 6 ¥ 57 7 ¥ 08 | 2Υ49 2Υ48 | 14 🗷 00 14 🗷 19 | 17 る 29 17 る 58 | 14≈03 14≈26 | 7 X 48 7 X 59 | 3 ° 45 3 ° 44 | 14 ₹ 58 15 ₹ 17 | 18 궁 20 18 궁 49 | 14≈51 15≈14 | 8 X 39 8 X 49 | 4Υ42 4Υ41 |
| | | 17중37 | | 7 X 19 | | | 17838 18 3 28 | | 8 X 09 | | | 19중18 | | 8 X 59 | 4Υ39 |
| 39S | 14×100 | 18중07 | 14≈25 | 7 ¥ 30 | 2Υ46 | 14 ₹ 58 | 18중58 | 15≈12 | 8 X 20 | 3Υ42 | 15 ₹ 57 | 19348 | 16≈00 | 9 X 09 | 4Υ38 |
| 40S | 14 <i>≱</i> 20 | 18중39 | 14≈49 | 7 | 2 Y 45 | 15 ₹ 19 | 19궁29 | 15≈36 | 8 X 30 | 3℃41 | 16∡18 | 20중19 | 16≈23 | 9 X 20 | 4Υ36 |
| 41S | 14 🗷 42 | 19ਫ11 | 15≈13 | 7 X 52 | 2Υ45 | 15 🗷 41 | 20중01 | 16≈00 | 8 + 41 | 3Υ40 | 16 🗷 39 | 20궁51 | 16≈47 | 9 × 30 | 4Υ35 |
| 42S | 15 ₹ 04 | 19중43 | 15≈38 | 8 X 04 | 2か44 | 16 ₹ 03 | 20중33 | 16≈25 | 8 X 52 | 3Υ38 | 17 ₹ 02 | 21중23 | 17≈11 | 9 X 41 | 4Υ33 |
| 43S | 15 ₹ 27 | 20중17 | 16≈04 | 8 X 15 | 2Υ43 | 16×26 | 21중06 | 16≈50 | 9 × 03 | 3Υ37 | 17 <i>₹</i> 25 | 21궁56 | 17≈36 | 9 X 51 | 4Υ31 |
| 44S | 15 <i>₹</i> 51 | 20중52 | 16≈30 | 8 X 27 | 2 Υ 42 | 16 ₹ 50 | 21중41 | 17≈15 | 9 X 15 | 3 ℃ 36 | 17∡148 | 22중29 | 18≈01 | 10 ₩ 02 | 4Υ30 |
| 45S | 16 7 16 | 21327 | 16≈56 | 8 X 39 | 2Υ41 | 17 7 15 | 22중16 | 17≈41 | 9 X 26 | 3Υ34 | 18 🗷 13 | 23중04 | 18≈26 | 10 X 14 | 4Υ28 |
| 46S 47S | 16 ∡ 42 17 ∡ 09 | 22 궁 03 22 궁 41 | 17≈23 17≈50 | 8 X 51 9 X 04 | 2Υ40 2Υ39 | 17∡41 18∡07 | 22 궁 52 23 궁 29 | 18≈07 18≈34 | 9 X 38 9 X 50 | 3 ° 33 3 ° 32 | 18 ₹ 39 19 ₹ 06 | 23 궁 40 24 궁 16 | 18≈52 19≈18 | 10 ¥ 25 10 ¥ 36 | 4Υ27 4Υ25 |
| 47S 48S | 17×109 | 22 5 41 23 중 19 | 17≈30 | 9 X 04 | 2Ψ39 2Ψ38 | 18×107 | 23 5 29 24 궁 07 | 18≈34 | 10 × 02 | 3 Υ 3 2 3 Υ 3 0 | 19 \$7 34 | 24 5 16 24 궁 54 | 19≈18 19≈45 | 10 X 36 | 4 \ \ 23 \ 4 \ \ 23 |
| 49S | 18×106 | 23 공 59 | 18≈46 | 9 X 29 | 2Υ37 | 19 🗷 04 | 24346 | 19≈29 | 10 × 14 | 3Υ29 | 20 × 03 | 25중33 | 20≈13 | 11 X 00 | 4Υ21 |
| 50S | 18 <i>≱</i> 36 | 24중39 | 19≈15 | 9 X 42 | 2 Y 35 | 19 ~ 35 | 25중26 | 19≈58 | 10 ∺ 27 | 3℃27 | 20 ₹ 33 | 26중12 | 20≈41 | 11 X 12 | 4Υ19 |
| 51S | 19 🗷 08 | 25 공 21 | 19≈45 | 9 X 56 | 2Υ34 | 20 × 07 | 26중07 | 20≈27 | 10 × 40 | 3Υ26 | 21 🗷 05 | 26중53 | 21≈09 | 11 X 24 | 4Υ17 |
| 52S | 19 ₹ 41 | 26중05 | 20≈15 | 10 X 09 | 2 Y 33 | 20 ₹ 40 | 26궁50 | 20≈57 | 10 ¥ 53 | 3Ƴ24 | 21 ≉ 38 | 27중36 | 21≈39 | 11 X 37 | 4Υ15 |
| 53S | 20 ₹ 16 | 26349 | 20≈46 | 10 ¥ 23 | 2Υ32 | 21 🗷 15 | 27중35 | 21≈27 | 11 × 07 | 3Υ23 | 22 🗷 13 | 28319 | 22≈08 | 11 X 50 | 4Υ13 |
| 548 | 20 ₹ 53 | 27중36 | 21≈18 | 10 ¥ 38 | 2Υ31 | 21 ₹ 52 | 28중20 | 21≈59 | 11 ₩ 20 | 3Υ21 | 22 ₹ 49 | 29중05 | 22≈39 | 12 X 03 | 4Υ11 |
| 55S | 21 🗷 32 | 28324 | 21≈51 | 10 ¥ 52 | 2Υ29 | 22 🗷 30 | 29중07 | 22≈31 | 11 X 35 | 3 Υ 19 | 23 🗷 28 | 29중51 | 23≈11 | 12 X 17 | 4Υ09 |
| 56S | 22 🗷 13 | 29중13 | 22≈24 | 11 X 07 | 2Υ28 | 23 🗷 11 | 29궁56 | 23≈03 | 11 X 49 | 3Υ17 3Υ16 | 24 × 08 | 0≈39 | 23≈43 24≈16 | 12 X 31 | 4Υ07 |
| 57S 58S | 22 ₹ 56 23 ₹ 42 | 0≈04 0≈58 | 22≈58 23≈34 | 11 X 23 11 X 39 | 2Υ27 2Υ25 | 23 ∡ 54 24 ∡ 39 | 0≈47 1≈39 | 23≈37 24≈12 | 12 X 04 12 X 19 | 3 ° 16 3 ° 14 | 24 ∡ 51 25 ∡ 37 | 1≈29 2≈21 | 24≈16 24≈50 | 12 X 45 13 X 00 | 4Υ05 4Υ02 |
| 59S | 24 × 31 | 1≈53 | 23≈34 24≈10 | 11 X 39 | 2 γ 23 2 γ 24 | 25 × 28 | 2≈34 | 24≈12 24≈47 | 12 X 19 | 3 Υ 14 3 Υ 12 | 26 × 25 | 3≈15 | 24≈30 25≈25 | 13 X 00 | 4Υ00 |
| 60S | 25 🗷 22 | 2≈50 | 24≈47 | 12 X 12 | 2Υ22 | 26 🗷 19 | 3≈30 | 25≈24 | 12 X 51 | 3Υ10 | 27 × 16 | 4≈11 | 26≈01 | 13 X 30 | 3Υ57 |
| 61S | 26 x 17 | 3≈50 | 25≈26 | 12 X 12 | 2 Υ 22 2 Υ 21 | 20 x 19 27 x 14 | 4≈29 | 25≈24 26≈02 | 13 X 08 | 3Υ08 | 28 × 10 | 5≈08 | 26≈37 | 13 X 46 | 3Υ55 |
| 62S | 27 ₹ 16 | 4≈52 | 26≈05 | 12 X 47 | 2Υ19 | 28 ₹ 12 | 5≈30 | 26≈40 | 13 × 25 | 3 Υ 05 | 29 ₹ 08 | 6≈09 | 27≈16 | 14 × 03 | 3Υ52 |
| 63S | 28 ∡ 18 | 5≈56 | 26≈46 | 13 ¥ 05 | 2Υ17 | 29 ∡ 14 | 6≈34 | 27≈20 | 13 ¥ 42 | 3℃03 | 0궁09 | 7≈11 | 27≈55 | 14 ∺ 20 | 3Υ49 |
| 64S | 29 ₹ 26 | 7≈03 | 27≈28 | 13 X 24 | 2Υ15 | 0중21 | 7≈40 | 28≈02 | 14 ∺ 01 | 3℃01 | 1중15 | 8≈16 | 28≈35 | 14 ¥ 38 | 3 ℃ 46 |
| 65S | 0중38 | 8≈13 | 28≈12 | 13 X 44 | 2Υ13 | 1중33 | 8≈49 | 28≈44 | 14 ¥ 20 | 2か58 | 2326 | 9≈24 | 29≈17 | 14 ∺ 56 | 3Υ43 |
| 66S | 1궁56 | 9≈27 | 28≈57 | 14 X 04 | 2Υ11 | 2る50 | 10≈01 | 29≈28 | 14 × 39 | 2Υ55 | 3 云 43 | 10≈35 | 00×00 | 15×15 | 3Υ39 |
| pc | 2542 | 10≈09 | 29≈23 | 14 X 16 | 2Υ10 | 3ਰ35 | 10≈43 | 29≈54 | 14 × 51 | 2Υ54 | 4궁28 | 11≈16 | 0 ∺ 25 | 15 ¥ 25 | 3 Υ 37 |

| 18 | | Sid.Tir MC: | ne: 14h2 8m2 | | RMC: 2 | 16°00' | Sid.Tir MC: | | 28m A | RMC: 2 | 217°00' | Sid.Tir MC: | | 32m A ,24'58 | RMC: 2 | 18°00' |
|--|----------------|----------------|-----------------|--|--------------------|--|----------------|-------|-------------------|--------------------|---------------|----------------|-------|-------------------|--------------------|---------------|
| 18 | Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 185 1870 1871 1872 1 | 0S | 7 <i>≱</i> 146 | 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 | 8 Ƴ 42 |
| SS 8.72 6.52 5.62 5. | | | | | | | | | | | | | | | | 8 Υ 40 |
| SS S. 24.1 G. 52 S. 26.1 M.44 C. 72.6 J. 28.7 S. 27.4 S. 29.5 S. 24.6 C. 79.8 I. 19.6 S. 27.5 S. 27.6 S. 27.5 S. 27.5 S. 27.6 S. 27.5 S. 2 | | | | | | | | | | | | | | | | 8Υ38 |
| SS SS SS SS SS SS SS S | | | | | | | | | | | | | | | | |
| 68 87-54 785-34 6-400 5-412 6-721 10-73 8-75-0 7-75-0 7-75-0 8 | | | | | | | | | | | | | | | | |
| The Second 1965 1966 1971 1973 1984 1985 1 | | | | | | | | | | | | | | | | |
| SS 94.77 SS 56.20 58.21 69.20 58.21 69.20 58.21 69.20 58.21 69.20 58.21 69.20 58.30 69.20 10.25 58.30 69.20 10.25 58.30 69.20 10.25 58.30 69.20 10.25 58.30 69.20 10.25 58.20 10.25 58.30 69.20 10.25 58.20 10.25 58.20 10.25 58.20 10.25 58.20 10.25 10.25 58.20 10.25 10 | | | | | | | | | | | | | | | | |
| 1985 9-729 88-36 6-39 5830 6719 10-256 9-830 7-836 6-830 7-726 11-23 10-25 8-832 7-743 87-726 11-15 11-15 10-25 9-830 7-835 6-830 8-835 11-15 10-25 9-830 7-835 8-835 8-835 8-835 11-15 11-15 10-25 11-25 10-25 9-830 7-835 8-835 | | | | | | | | | | | | | | | | |
| 181 182 1976 9419 7348 5448 6716 1975 1962 1874 1874 1874 1874 1874 1875 18 | | | | | | | | | | | | | | | | 8Υ25 |
| 181 182 1976 9419 7348 5448 6716 1975 1962 1874 1874 1874 1874 1874 1875 18 | 10S | 9 ₹ 41 | 8중57 | 6≈59 | 5 X 39 | 6Υ17 | 10 ₹ 38 | 9중51 | 7≈55 | 6¥39 | 7Υ20 | 11 ~ 35 | 10중46 | 8≈51 | 7 X 39 | 8 Ƴ 23 |
| 188 10.947 10500 7.867 6405 6713 11.941 1054 8.862 7404 7715 12.941 11.549 9.848 8405 8715 1555 10.942 10.642 8.866 6412 6701 11.926 11.615 9.861 74.11 7713 12.246 12.615 10.626 8428 8715 1555 10.942 10.642 8.866 6412 6700 11.852 11.645 8.965 74.00 7710 12.646 12.645 10.626 8428 8715 1755 11.907 11.676 9.8615 6412 6700 12.672 12.685 9.865 74.00 7710 12.046 12.645 | 11S | 9 ₹ 53 | 9 궁 18 | 7≈18 | 5 X 48 | 6Υ16 | 10 ₹ 50 | 10중12 | 8≈14 | 6 ₩47 | 7 ⋎ 18 | 11 ≉ 47 | 11중07 | 9≈10 | 7 X 47 | 8Y21 |
| 148 10.929 10721 8.616 6414 6712 11.926 11.615 9.611 74.13 77.13 12.924 12.610 10.607 84.11 87.15 85.1042 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.624 11.625 11.62 | | | | | | | | | | | | | l | | | 8Υ19 |
| 188 10-842 10-842 8-26 6432 6790 11-852 11-855 9-850 74-80 77-101 12-856 12-851 13-856 13-851 13-856 13- | | | | | | ₩05 6Υ13 11求14 10उ54 8≈52 7₩04 7Υ15 12求11 11उ49 9≈48 ₩14 6Υ12 11求26 11उ15 9≈11 7₩13 7Υ13 12求24 12उ10 10≈07 | | | | | | | | | | |
| 168 10.54 11360 8-25 64.32 67.09 11.852 1158 9-80 74.30 77.10 12.49 1252 10.644 8.428 877.1 185 11.23 11260 9-83 64.94 67.00 12.24 12.22 10.609 74.35 77.07 13.24 13.23 11.64 18.52 84.44 877.0 18.1 11.20 11.24 12.24 12.24 13. | | | | 0 7≈57 6±05 6 13 11 1 1 4 10 354 8≈52 7±04 7 15 12 × 1 8≈16 6±14 6 12 11 2 6 11 315 9≈11 7±13 7 13 12 × 2 8≈36 6±23 6 10 11 2 39 11 37 9≈31 7±21 7 12 12 × | | | | | | | | | | | | |
| 178 11,907 11,926 99-14 6340 6707 12,901 12,901 12,901 13,901 | | | | | | | | | | | | | | | | |
| 188 11/20 11/248 99-34 6449 6996 12/30 13/34 10-827 7745 77907 13/214 32/35 11-22 8844 8790 2981 11/246 12/35 10-12 7746 6993 12/244 13/36 11-26 8840 7794 13/241 14/25 12/25 12/25 12/35 13/25 13 | | | | | | | | | | | | | | | | |
| 198 11,733 12310 9-653 6158 6704 12-30 13604 10-47 7765 7705 13,728 13558 11-41 18-41 8452 8700 218 12-400 12-857 13-428 13-45 14-450 13-41 14-45 14-450 13-41 14-45 14-450 13-45 14-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-45 14-450 13-4 | | | | | | | | | | | | | | | | 8Υ08 |
| 128 128 138 | | | | | | | | | | | | | | | | 8 Υ 06 |
| 128 128 138 | _{20S} | 11 ₹ 46 | 12중32 | 10≈12 | 7 ¥ 06 | 6 Υ 03 | 12 ~ 44 | 13326 | 11≈06 | 8 X 03 | 7 Υ 04 | 13 ~ 41 | 14궁20 | 12≈00 | 9 X 00 | 8 ⋎ 04 |
| 285 12.972 33540 11.811 77.43 57.57 13.939 14857 12.924 83.37 67.57 14.936 15825 33.616 93.22 77.56 25.58 12.941 14.831 77.44 57.57 13.939 14857 12.924 83.37 67.57 14.936 15825 33.616 31.935 97.57 77.56 25.58 13.910 14.851 12.941 77.59 77.56 13.935 13.930 14.808 15.944 13.803 84.83 67.55 14.936 15.946 16.937 14.948 77.52 28.51 33.41 15.240 12.841 87.69 87.55 14.938 15.693 13.941 15.240 12.841 87.59 87.51 14.938 16.833 13.843 97.11 67.50 15.936 17.825 14.864 10.941 77.48 13.835 13.941 15.240 12.841 15.240 12.841 15.240 13.845 15.241 15.240 13.845 13.841 15.240 13.845 13.841 15.240 13.845 13.841 13.845 1 | | | | | | | | | | | | | | | | 8 Υ 02 |
| 248 12.841 14504 11631 7441 5757 13.839 14557 12.624 84.37 6755 14.836 15550 13.616 94.32 7755 2556 13.835 14.825 15351 14.831 14.831 14.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 15340 12.831 14.831 14.831 15340 12.831 14.831 15340 12.831 14.831 1 | | | | | | | | | | | | | | | | 8 Y 00 |
| 258 12.856 14827 11851 7450 5756 13.853 15820 12.843 8.845 6755 14.851 16814 13.835 9.440 7756 7757 7759 | | | | | | | | | | | | | | | | |
| 265 13.710 1455 1521 12.611 7459 5775 14.728 15620 13.602 6772 15.720 1575 14.724 15.720 14.724 15.720 14.724 16.725 14.724 14.725 | | | | | | | | | | | | | | | | |
| 278 13,725 15515 12,241 15600 13,241 15700 14,241 15700 | | | | | | | | | | | | | | | | |
| 288 13.844 15894 12.851 28.417 5795 14.878 16857 14.803 99.11 6795 15.836 17825 14.804 109.01 7744 13.816 14.828 16856 13.832 83.85 5748 15.810 17822 14.823 99.28 6746 16.808 18.815 15.814 109.21 7744 13.816 14.828 16856 13.833 83.444 5747 15.826 17648 14.843 99.36 6744 16.824 18.840 15.834 109.27 7744 13.816 14.828 16856 13.833 83.444 5747 15.826 17648 14.843 99.36 6744 16.824 18.840 15.834 109.27 7744 13.815 14.828 16.835 99.02 5743 16.800 88.840 15.825 94.84 18.840 15.834 109.27 7744 13.838 15.802 17848 14.835 99.02 5743 16.801 18.840 94.84 6742 16.878 19635 16.835 109.655 7736 13.838 15.802 17848 14.835 99.02 5743 16.815 15.824 99.03 18.816 15.825 94.84 18.840 15.834 109.04 17.834 109.04 13.834 10.807 10.802 10.832 10.832 10.832 17.833 10.832 | | | | | | | | | | | | | | | | |
| 1875 1670 138-12 8826 5750 14.854 16557 14.803 94.19 6748 15.852 1750 14.854 10813 7744 1318 14.828 16356 13.863 8844 5747 15.826 17548 14.823 94.28 6746 16.828 18815 15.844 10821 7744 1318 14.828 16356 13.863 8844 5747 15.826 17548 14.843 94.85 6744 16.824 18840 15.834 10821 7744 1328 14.845 17522 14.844 8853 5745 15.843 18814 15.804 94.85 6742 16.841 19806 15.854 104.83 7743 13.831 15.820 18815 14.855 94.02 5743 16.801 18840 15.825 94.55 6742 16.841 19806 15.854 104.83 7733 15.821 14.855 18.821 14.855 94.02 5743 16.876 18.840 18.840 19.803 17.815 19.858 16.835 104.55 7733 15.823 18.841 15.844 18.840 | | | | | | | | | | | | | | | | 7 Υ 48 |
| 318 14,228 16556 13,253 8,344 5974 15,226 17548 14,243 9,436 69742 16,241 19806 15,243 10,29 77442 328 14,445 17522 14,445 8,453 5745 15,243 18814 15,204 9,445 6974 16,241 19806 15,245 10,446 7738 348 15,220 18815 14,245 9,411 5742 16,218 19807 15,246 10,403 6773 17,215 19858 16,235 10,455 7738 368 15,238 18843 15,240 9,445 5743 16,245 20,242 16,245 20,242 18,245 3,245 | | 13 ₹ 56 | | | | | 14 ₹ 54 | | 14≈03 | 9 X 19 | | | | 14≈54 | | 7Ƴ46 |
| 328 14,745 17522 14sa14 88453 5745 15,743 18734 15a25 98454 6742 16,741 19706 15s34 16435 16435 39402 5743 16,700 18740 15a25 98454 6741 16,788 19732 16a15 10446 7738 348 15x20 18715 14s56 9841 5742 16,718 19707 15s46 10803 6739 17x15 19758 16s25 10855 10855 7738 358 15x38 15x38 15s48 98421 5740 16x36 19734 16s70 10812 6737 17x33 20725 16s65 11803 7733 378 16x15 19740 16s20 9840 57937 17x13 20730 16s20 10829 10821 10821 17x32 20753 17x15 17x13 20730 16s25 20739 17x15 20730 17x15 20730 17x15 20730 18x21 21730 11x12 7725 20730 207 | 30S | 14 ₹ 12 | 16중30 | 13≈32 | 8 X 35 | 5Ƴ48 | 15 ₹ 10 | 17중22 | 14≈23 | 9 X 28 | 6 Υ 46 | 16∡08 | 18중15 | 15≈14 | 10 ∺ 21 | 7Ƴ44 |
| 338 15,702 17648 14-835 99402 59743 16,700 18540 15-25 99454 60741 16,758 19632 16-815 10446 77938 13573 155738 18843 15-818 99421 5740 16,763 19634 16,807 10412 60737 17,733 20625 16,856 11403 77738 15,848 15,848 15,848 99430 57738 16,754 20502 16-829 10421 60735 17,852 20653 17,817 11412 77731 3785 16,735 20609 16-825 99449 57735 17,733 20659 17,812 10440 60731 18,831 21550 18,800 11430 77723 398 16,755 20639 16-847 94,59 57733 17,873 20659 17,812 10,440 60731 18,831 21550 18,800 11430 77724 398 16,755 20639 16-847 94,59 57733 17,873 20659 17,812 10,440 60731 18,831 21550 18,800 11430 77724 398 16,755 20639 16-847 94,59 57733 17,873 20659 17,812 10,440 60731 18,831 21550 18,800 11430 77724 398 16,755 20639 16,845 34,841 | | 14≯28 | 16궁56 | 13≈53 | 8 X 44 | 5Ƴ47 | 15 ₹ 26 | 17중48 | 14≈43 | 9¥36 | 6Ƴ44 | 16∡24 | 18궁40 | 15≈34 | 10 ¥ 29 | 7Ƴ42 |
| 348 15.720 18815 14.656 9.H.1 5.742 16.718 19807 15.646 10.003 6.739 17.715 19858 16.635 10.0055 77.365 358 15.738 18738 15.848 9.H.2 5.740 16.736 19834 16.607 10.H.12 6.735 17.733 20255 16.656 11.103 77.33 308 15.738 19834 15.840 9.940 5.737 17.713 20830 16.650 10.003 6.735 17.735 20253 17.841 11.12 77.33 378 16.715 19840 16.602 9.H.40 5.737 17.713 20830 16.650 10.003 6.733 18.711 21.821 17.639 11.121 77.25 388 16.735 20809 16.6625 9.H.49 5.735 17.733 20.859 17.812 10.004 6.703 18.731 21.850 11.820 11.121 77.25 388 16.735 20.809 16.6625 9.H.49 5.735 17.733 20.859 17.812 10.004 6.703 18.731 21.850 18.840 11.130 77.27 10.005 10. | | | | | | | | | | | | | | | | 7 Υ 40 |
| 35S 15,8738 18843 15 x 18 9 x 21 5 y 40 16,876 19834 16 x 07 10 x 12 6 y 73 17,873 20 z 25 16 x 56 11 x 03 17 x 33 36S 15,8756 19811 15 x 040 9 x 30 5 y 738 16,8754 20 z 20 10 x 21 6 y 735 17,875 20 z 20 z 33 18 x 21 21 z 17 x 33 37 x 16 x 15 19840 16 x 040 5 y 740 5 y 73 17,873 20 z 25 10 x 40 6 y 73 18,871 21 z 17 x 17 11 x 11 z 7 y 73 38S 16,8755 20 z 20 z 39 16 x 25 9 x 49 5 y 735 17,873 20 z 59 17 x 12 10 x 40 6 y 73 18,871 21 z 50 18 x 20 11 x 30 7 y 72 40S 17,873 20 z 50 17 x 13 20 z 50 17 x 13 20 z 50 18 x 20 11 x 30 11 x 30 10 x 20 11 x 30 10 x 20 | | | | | | | | | | | | | | | | |
| 368 15,876 1981 15,840 9940 59738 16,845 20802 16,829 10,921 69735 17,852 20853 17,817 11,912 7723 388 16,875 20809 16,825 9949 5773 17,873 20859 17,812 10,840 6773 18,831 21850 18,840 11,830 7727 398 16,875 20839 16,847 98,59 5773 17,873 20859 17,835 10,849 6772 18,851 22819 18,822 11,839 7724 408 17,816 21809 17,810 10,849 5773 18,841 21859 17,835 10,849 6772 18,851 22819 18,842 11,849 7722 418 17,838 21840 17,834 10,819 5773 18,834 22830 18,820 11,806 6725 19,833 23819 19,807 11,857 7722 428 18,800 22812 17,857 10,429 5728 18,838 23801 18,844 11,818 6792 19,855 23851 19,807 11,857 7722 438 18,823 22845 18,822 10,840 5726 19,832 23834 19,808 11,838 6718 20,842 24853 20,841 12,865 7712 448 18,847 23818 18,846 10,850 5726 19,832 23804 19,836 6718 20,842 24853 20,841 12,855 488 20,832 25841 20,829 11,843 5716 21,829 26828 21,843 21,800 22,823 11,838 23,800 21,806 12,845 7703 488 20,832 25841 20,829 11,843 5716 21,829 26828 21,843 21,840 23,840 | | | | | | | | | | | | | | | | |
| 378 | | | | | | | | | | | | | | | | |
| 388 16x35 20\tilde{0} 16\tilde{0} 25 9\tilde{9} 5\tilde{9} 5\tilde{9} 5\tilde{0} 3 17x33 20\tilde{0} 20\tilde{0} 17x40 6\tilde{0} 3 18x31 21\tilde{0} 18\tilde{0} 180 | | | | | | | | | | | | | | | | 7Υ29 |
| 408 17 x 16 21 \overline{\text{0}} 17 \overline{\text{1}} 21 \overline{\text{0}} 10 \overline{\text{0}} 0 \overline{\text{5}} 18 x 14 21 \overline{\text{5}} 17 x 37 10 \overline{\text{5}} 19 x 12 22 \overline{\text{4}} 18 x 45 11 \overline{\text{4}} 17 x 38 21 \overline{\text{4}} 17 x 34 10 \overline{\text{1}} 19 \overline{\text{5}} 18 x 36 22 \overline{\text{3}} 18 \overline{\text{2}} 19 \overline{\text{5}} 19 x 33 23 \overline{\text{5}} 19 \overline{\text{9}} 11 \overline{\text{5}} 7 \cmathrm{7} \cmathrm{2} \ 22 \overline{\text{4}} 18 x 47 23 \overline{\text{5}} 18 \overline{\text{5}} 19 x 35 19 x 37 10 \overline{\text{5}} 19 x 33 23 \overline{\text{5}} 19 \overline{\text{9}} 11 \overline{\text{5}} 17 x 57 10 \overline{\text{5}} 11 \overline{\text{5}} 19 \overline{\text{5}} 19 \overline{\text{5}} 19 \overline{\text{5}} 19 x 33 23 \overline{\text{5}} 19 \overline{\text{3}} 17 x 57 10 \overline{\text{5}} 11 \overline{\text{5}} 11 \overline{\text{5}} 19 x 33 23 \overline{\text{5}} 19 x 30 12 \overline{\text{5}} 17 \ov | | 16∡35 | 20중09 | 16≈25 | 9 X 49 | 5 Ƴ 35 | 17 ≉ 33 | 20궁59 | 17≈12 | | 6Υ31 | 18 ₹ 31 | 21궁50 | 18≈00 | | 7 ℃ 27 |
| 418 | 39S | 16∡55 | 20중39 | 16≈47 | 9 X 59 | 5 Ƴ 33 | 17 ₹ 53 | 21궁29 | 17≈35 | 10 ∺ 49 | 6Υ29 | 18∡51 | 22중19 | 18≈22 | 11 X 39 | 7Ƴ24 |
| 428 18 x 00 22 \operatorname{3} 22 \operatorname{3} 10 \operatorname{2} 10 \operatorname{4} 10 \operatorname{4} 11 \operatorname{4} 11 \operatorname{4} 11 \operatorname{4} 11 \operatorname{4} 11 \operatorname{4} 12 \operatorname{4} 13 \ | | 17∡16 | | | | 5 Ƴ 31 | | | 17≈57 | 10 ¥ 58 | | 19 ₹ 12 | | 18≈45 | 11 X 48 | 7Ƴ22 |
| 438 18 # 23 22 # 54 18 # 8 | | | | | | | | | | | | | | | | 7 Y 20 |
| 44S 18 # 47 23 # 8 18 # 46 10 # 50 5 * 724 19 # 45 24 # 607 19 # 32 11 # 38 6 * 718 20 # 42 24 # 55 20 # 17 12 # 26 7 * 712 45S 19 # 11 23 # 53 19 # 11 11 # 01 5 * 722 20 # 09 24 # 41 19 # 56 11 # 48 6 * 716 21 # 07 25 # 29 20 # 41 12 # 35 77 * 70 * 70 * 70 * 70 * 70 * 70 * 70 | | | | | | | | I | | | | | | | | |
| 458 | | | | | | | | | | | | | | | | |
| 468 | | | | | | | l . | | | | | l . | | | | |
| 47S 20 x 04 25 \ 504 20 \ 20 \ 20 2 11 \ 23 \ 5 \ 718 21 x 02 25 \ 515 1 20 \ 485 20 x 32 25 \ 541 20 \ 20 x 29 11 \ 34 5 \ 5716 21 x 29 26 \ 528 21 \ 21 \ 31 12 \ 20 6 \ 6708 22 x 27 27 \ 515 21 \ 526 13 \ 6706 488 20 x 32 25 \ 541 20 \ 20 x 56 11 \ 445 5716 21 x 29 26 \ 528 21 \ 21 \ 31 12 \ 20 6 \ 6708 22 x 27 27 \ 515 21 \ 526 13 \ 6706 498 21 x 01 26 \ 519 20 x 56 11 \ 445 5713 21 x 58 27 \ 6706 21 x 39 12 \ 31 1 \ 6706 21 x 39 12 \ 31 1 \ 6706 21 x 39 2 \ 6705 21 x 31 26 \ 559 21 x 31 1 \ 570 5713 21 x 58 27 \ 6706 21 x 39 12 \ 31 1 \ 570 5713 22 x 28 27 \ 545 22 x 00 12 \ 21 x 1 1 \ 21 x 59 26 \ 22 x 34 12 \ 22 x 20 12 x 20 | | | | | | | | | | | | | | | | 7 Y 09 |
| 48S 20 x 32 25 \(\frac{14}{3} \) 20 x 29 11 x 34 5 \(\tau 16 \) 21 x 29 26 \(\frac{22}{3} \) 21 x 31 6 \(\tau 06 \) 22 x 27 27 \(\frac{27}{3} \) 21 x 56 13 x 06 7 \(\tau 01 \) 50S 21 x 31 26 \(\frac{25}{3} \) 21 x 23 11 x 57 5 \(\tau 11 \) 22 x 28 27 \(\frac{24}{3} \) 22 x 06 12 x 42 6 \(\tau 06 \) 23 x 26 28 \(\frac{23}{3} \) 22 x 49 13 x 27 6 \(\tau 55 \) 51S 22 x 36 28 \(\frac{21}{2} \) 21 x 25 12 x 28 27 \(\frac{24}{3} \) 22 x 36 28 \(\frac{21}{3} \) 13 x 26 28 \(\frac{23}{3} \) 13 x 26 28 \(\frac{23}{3} \) 22 x 36 28 \(\frac{21}{3} \) 23 x 00 28 \(\frac{22}{3} \) 23 x 50 23 x 26 28 \(\frac{21}{3} \) 29 \(\frac{21}{3} \) 33 x 10 29 \(\frac{21}{3} \) 22 x 20 12 x 44 5 \(\tau 06 \) 23 x 33 29 \(\frac{20}{3} \) 23 x 31 13 x 50 5 \(\frac{27}{3} \) 23 x 43 13 x 49 6 \(\frac{24}{3} \) 23 x 47 29 \(\frac{29} \) 23 x 33 | | | | | | | | | | | | | | | | 7 Υ 04 |
| 508 21 ≈ 31 26 ₹ 59 21 ≈ 23 11 ± 57 5 ↑ 11 22 ≈ 28 27 ₹ 45 22 ≈ 06 12 ± 42 6 ↑ 03 23 ≈ 26 28 ₹ 31 22 ≈ 49 13 ± 27 6 ↑ 55 51S 22 ≈ 03 27 ₹ 39 21 ≈ 51 12 ± 09 5 ↑ 09 23 ≈ 00 28 ₹ 25 22 ≈ 34 12 ± 53 6 ↑ 01 23 ≈ 57 29 ₹ 11 23 ≈ 16 13 ± 38 6 ↑ 52 52S 22 ≈ 36 28 ₹ 21 22 ≈ 20 12 ± 21 5 ↑ 07 23 ≈ 33 29 ₹ 06 23 ≈ 02 13 ± 05 5 ↑ 58 24 ≈ 30 29 ₹ 51 23 ≈ 43 13 ± 49 6 ↑ 49 53S 23 ≈ 10 29 ₹ 04 22 ≈ 50 12 ± 34 5 ↑ 04 24 ≈ 08 29 ₹ 49 23 ≈ 31 13 ± 17 5 ↑ 55 25 ≈ 05 0 ≈ 33 24 ≈ 12 14 ± 00 6 ↑ 42 54S 23 ≈ 47 29 ₹ 49 23 ≈ 20 12 ± 46 5 ↑ 02 24 ≈ 44 0 ≈ 33 24 ≈ 00 13 ± 27 5 ↑ 55 25 ≈ 41 1 ≈ 17 24 ≈ 41 1 ± 10 6 ↑ 42 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>21 ₹ 29</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7Υ01</td> | | | | | | | 21 ₹ 29 | | | | | | | | | 7Υ01 |
| 51S 22 ≈ 03 27 ≈ 39 21 ≈ 51 12 ± 09 5 ♥ 09 23 ≈ 00 28 ≈ 25 22 ≈ 34 12 ± 53 6 ♥ 01 23 ≈ 57 29 ≈ 11 23 ≈ 16 13 ± 38 6 ♥ 52 52S 22 ≈ 36 28 ≈ 21 22 ≈ 20 12 ± 21 5 ♥ 07 23 ≈ 33 29 ∞ 06 23 ≈ 02 13 ± 05 5 ♥ 58 24 ≈ 30 29 ∞ 51 23 ≈ 43 13 ± 49 6 ♥ 45 53S 23 ≈ 10 29 ∞ 04 22 ≈ 50 12 ± 34 5 ♥ 04 24 ≈ 08 29 ∞ 49 23 ≈ 31 13 ± 17 5 ♥ 55 25 ≈ 05 0 ≈ 33 24 ≈ 12 14 ± 00 6 ♥ 45 54S 23 ≈ 47 29 ≈ 49 23 ≈ 20 12 ± 46 5 № 02 24 ≈ 44 0 ≈ 33 24 ≈ 00 13 ± 29 5 № 55 25 ≈ 41 1 ≈ 17 24 ≈ 41 1 ± ± 10 6 № 42 55S 24 ≈ 25 0 ≈ 35 23 ≈ 50 12 ± 59 4 № 50 25 ≈ 22 1 ≈ 18 24 ≈ 30 13 ± 42 5 № 49 26 ≈ 19 2 ≈ 02 25 ≈ 10 14 ± 24 6 № 35 <td></td> <td></td> <td>26중19</td> <td>20≈56</td> <td>11 X 45</td> <td></td> <td></td> <td></td> <td>21≈39</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6Υ58</td> | | | 26중19 | 20≈56 | 11 X 45 | | | | 21≈39 | | | | | | | 6Υ58 |
| 528 22 x 36 28 \ \(\frac{2}{3} \) (2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | | | | | | | | | | | | 6Υ55 |
| 538 23 x 10 29 \(\text{S}04 \) 22 \(\text{S}0 \) 12 \(\text{S}4 \) 5 \(\text{V}04 \) 24 x 08 29 \(\text{S}4 \) 23 \(\text{S}31 \) 13 \(\text{S}17 \) 5 \(\text{S}5 \) 25 x 05 0 \(\text{S}33 \) 24 \(\text{S}44 \) 1 \(\text{S}44 \) 23 \(\text{S}41 \) 1 \(\text{S}17 \) 25 x 21 1 \(\text{S}17 \) 25 x 22 1 \(\text{S}18 \) 24 \(\text{S}42 \) 25 x 24 1 \(\text{S}47 \) 25 x 22 1 \(\text{S}18 \) 24 x 30 13 x 42 5 \(\text{Y}49 \) 26 x 19 2 \(\text{S}24 \) 25 \(\text{S}41 \) 1 \(\text{H} \text{L}4 \) 6 \(\text{Y}35 \) 5 \(\text{Y}42 \) 26 x 19 2 \(\text{S}41 \) 1 \(\text{H} \text{L}4 \) 6 \(\text{Y}35 \) 5 \(\text{Y}44 \) 2 \(\text{S}41 \) 2 \(\text{S} | | | | | | | | | | | | | | | | |
| 548 23 x 47 29 \(\pi 49 \) 23 \(\pi 20 \) 12 \(\pi 46 \) 5 \(\pi 20 \) 24 x 44 0 \(\pi 33 \) 24 \(\pi 00 \) 5 \(\pi 52 \) 25 x 41 1 \(\pi 17 \) 24 \(\pi 41 \) 14 \(\pi 12 \) 6 \(\pi 42 \) 558 24 x 25 0 \(\pi 35 \) 23 \(\pi 50 \) 12 \(\pi 59 \) 4 \(\pi 59 \) 25 x 22 1 \(\pi 18 \) 24 \(\pi 30 \) 13 \(\pi 20 \) 26 x 19 2 \(\pi 20 \) 25 \(\pi 10 \) 14 \(\pi 20 \) 25 \(\pi 10 \) 13 \(\pi 20 \) 5 \(\pi 49 \) 26 x 19 2 \(\pi 20 \) 25 \(\pi 10 \) 14 \(\pi 20 \) 25 \(\pi 40 \) 25 x 48 25 x 48 25 x 41 14 \(\pi 40 \) 6 \(\pi 30 \) 25 x 48 2 x 12 \(24 \) x 54 13 \(\pi 20 \) 26 x 45 2 \(\pi 53 \) 25 x 33 14 \(\pi 60 \) 26 x 45 2 \(\pi 53 \) 25 x 33 14 \(\pi 60 \) 27 x 29 3 x 44 26 x 60 14 \(\pi 20 \) 14 \(\pi 40 \) 26 x 25 25 x 33 14 \(\pi 60 \) 27 x 21 3 x 36 26 x 24 15 x 40 26 x 30 14 x 45 27 x 29 3 x 44 | | | | | | | | | | | | | | | | |
| 55S 24 x 25 0 x 35 23 x 50 12 x 59 4 y 59 25 x 22 1 x 18 24 x 30 13 x 42 5 y 49 26 x 19 2 x 02 25 x 10 14 x 24 6 y 35 56S 25 x 06 1 x 22 24 x 22 13 x 13 4 y 56 26 x 02 2 x 05 25 x 01 13 x 55 5 y 46 26 x 59 2 x 48 25 x 41 14 x 36 6 y 35 57S 25 x 48 2 x 12 24 x 54 13 x 26 4 y 54 26 x 45 2 x 54 25 x 33 14 x 08 5 y 43 27 x 41 3 x 36 26 x 12 14 x 49 6 y 35 58S 26 x 33 3 x 30 25 x 28 13 x 41 4 y 51 27 x 29 3 x 44 26 x 60 14 x 14 5 y 39 28 x 25 4 x 26 26 x 44 26 x 14 24 x 30 26 x 37 24 x 48 28 x 17 4 x 36 26 x 39 14 x 35 5 y 36 29 x 12 5 x 17 27 x 17 15 x 15 6 y 26 60S 28 x 12 4 x 51 26 x 37 | | | | | | | | | | | | | | | | 6Υ42 |
| 568 25 x 06 1 x 22 24 x 22 13 x 13 4 y 56 26 x 02 2 x 05 25 x 01 13 x 55 5 y 46 26 x 59 2 x 48 25 x 41 14 x 36 6 y 35 578 25 x 48 2 x 12 24 x 54 13 x 26 4 y 54 26 x 45 2 x 54 25 x 33 14 x 08 5 y 43 27 x 41 3 x 36 26 x 12 14 x 49 6 y 35 588 26 x 33 3 x 30 25 x 28 13 x 41 4 y 51 27 x 29 3 x 44 26 x 60 14 x 21 5 y 39 28 x 25 4 x 26 26 x 44 15 x 02 6 y 28 598 27 x 21 3 x 56 26 x 02 13 x 55 4 y 48 28 x 17 4 x 36 26 x 39 14 x 35 5 y 36 29 x 12 5 x 17 27 x 17 15 x 15 6 y 24 608 28 x 12 4 x 51 26 x 37 14 x 10 4 y 45 29 x 07 5 x 31 27 x 14 14 x 49 5 y 32 0 x 02 6 x 11 27 x 51 15 x 19 5 y 21 <t< td=""><td> _{55S} </td><td>24 ₹ 25</td><td></td><td>23≈50</td><td>12 X 59</td><td>4Υ59</td><td>25 ₹ 22</td><td>1≈18</td><td>24≈30</td><td></td><td>5Υ49</td><td>26 ₹ 19</td><td></td><td>25≈10</td><td>14 X 24</td><td>6Υ39</td></t<> | _{55S} | 24 ₹ 25 | | 23≈50 | 12 X 59 | 4Υ59 | 25 ₹ 22 | 1≈18 | 24≈30 | | 5 Υ 49 | 26 ₹ 19 | | 25≈10 | 14 X 24 | 6 Υ 39 |
| 58S 26 x 33 3 x 03 25 x 28 13 x 41 4 x 51 27 x 29 3 x 44 26 x 06 14 x 21 5 x 39 28 x 25 4 x 26 26 x 44 15 x 02 6 x 24 59S 27 x 21 3 x 56 26 x 02 13 x 55 4 x 48 28 x 17 4 x 36 26 x 39 14 x 35 5 x 36 29 x 12 5 x 17 27 x 17 15 x 15 6 x 24 60S 28 x 12 4 x 51 26 x 37 14 x 10 4 x 45 29 x 07 5 x 31 27 x 14 14 x 49 5 x 32 0 x 02 6 x 11 27 x 51 15 x 29 6 x 20 61S 29 x 05 5 x 48 27 x 13 14 x 25 4 x 42 0 x 01 6 x 27 27 x 49 15 x 04 5 x 29 0 x 56 7 x 06 28 x 25 15 x 43 6 x 16 62S 0 x 03 6 x 47 27 x 51 14 x 41 4 x 38 0 x 58 7 x 25 28 x 26 15 x 19 5 x 25 8 x 04 29 x 01 15 x 57 6 x 11 63S | 56S | | | | | | | | | | 5 Υ 46 | 26 ₹ 59 | | | | 6Y35 |
| 59S 27x21 3x56 26x02 13x55 4Y48 28x17 4x36 26x39 14x35 5y36 29x12 5x17 27x17 15x15 6Y24 60S 28x12 4x51 26x37 14x10 4y45 29x07 5x31 27x14 14x49 5y32 0502 6x11 27x51 15x29 6y26 61S 29x05 5x48 27x13 14x25 4y42 0501 6x27 27x49 15x04 5y29 0556 7x06 28x25 15x43 6y16 62S 0503 6x47 27x51 14x41 4y38 058 7x25 28x26 15x19 5y25 1552 8x04 29x01 15x57 6y11 63S 1504 7x49 28x29 14x57 4y35 158 8x26 29x04 15x35 5y21 2552 9x03 29x38 16x12 6y06 64S 2510 8x53 29x0915x14 4y31 3503 < | | | | | | | | | | | | | | | | 6Υ32 |
| 60S 28 x 12 4 x 51 26 x 37 14 x 10 4 x 45 29 x 07 5 x 31 27 x 14 14 x 49 5 x 32 0 x 02 6 x 11 27 x 51 15 x 29 6 x 26 61S 29 x 05 5 x 48 27 x 13 14 x 25 4 x 42 0 x 01 6 x 27 27 x 49 15 x 04 5 x 29 0 x 56 7 x 06 28 x 25 15 x 43 6 x 16 62S 0 x 03 6 x 47 27 x 51 14 x 41 4 x 38 0 x 58 7 x 25 28 x 26 15 x 19 5 x 25 1 x 52 8 x 04 29 x 01 15 x 57 6 x 11 63S 1 x 04 7 x 49 28 x 29 14 x 57 4 x 31 1 x 58 8 x 26 29 x 04 15 x 35 5 x 21 2 x 52 9 x 03 29 x 38 16 x 12 6 x 02 64S 2 x 10 8 x 53 29 x 09 15 x 14 4 x 31 3 x 03 9 x 29 29 x 43 15 x 51 5 x 16 3 x 57 10 x 06 0 x 16 16 x 28 6 x 02 | | | | | | | | | | | | | | | | |
| 61S 29 x 05 5 ≈ 48 27 ≈ 13 14 ± 25 4 ± 42 0 ∃ 01 6 ≈ 27 27 ≈ 49 15 ± 04 5 ± 29 0 ∃ 56 7 ≈ 06 28 ≈ 25 15 ± 43 6 ± 16 62S 0 ∃ 03 6 ≈ 47 27 ≈ 51 14 ± 41 4 ± 38 0 ∃ 58 7 ≈ 25 28 ≈ 26 15 ± 19 5 ± 25 1 ∃ 52 8 ≈ 04 29 ≈ 01 15 ± 57 6 ± 11 63S 1 ∃ 04 7 ≈ 49 28 ≈ 29 14 ± 57 4 ± 35 1 ∃ 58 8 ≈ 26 29 ≈ 04 15 ± 35 5 ± 21 2 ∃ 52 9 ≈ 03 29 ≈ 38 16 ± 12 6 ± 06 64S 2 ∃ 10 8 ≈ 53 29 ≈ 09 15 ± 14 4 ± 31 3 ∃ 03 9 ≈ 29 29 ≈ 43 15 ± 51 5 ± 16 3 ∃ 57 10 ≈ 06 0 ± 16 16 ± 28 6 ± 02 65S 3 ∃ 20 10 ≈ 00 29 ≈ 50 15 ± 32 4 ± 27 4 ∃ 13 10 ≈ 35 0 ± 23 16 ± 08 5 ± 12 5 ∃ 06 11 ≈ 11 0 ± 56 16 ± 44 5 ± 57 | | | | | | | l . | | | | | l . | | | | |
| 62S 0 0 0 3 6 6 47 27 ≈ 51 14 × 41 4 ° 38 0 0 5 8 7 ≈ 25 28 ≈ 26 15 × 19 5 ° 25 1 5 ° 25 1 5 ° 25 1 5 ° 10 8 ≈ 04 29 ≈ 01 15 × 57 6 ° 11 63S 1 5 04 7 ≈ 49 28 ≈ 29 14 × 57 4 ° 35 1 5 58 8 ≈ 26 29 ≈ 04 15 × 35 5 ° 21 2 5 52 9 ≈ 03 29 ≈ 38 16 × 12 6 ° 06 64S 2 5 10 8 ≈ 53 29 ≈ 09 15 × 14 4 ° 31 3 5 03 9 ≈ 29 29 ≈ 43 15 × 51 5 ° 16 3 5 57 10 ≈ 06 0 × 16 16 × 28 6 ° 02 65S 3 5 20 10 ≈ 00 29 ≈ 50 15 × 32 4 ° 27 4 ° 13 10 ≈ 35 0 × 23 16 × 08 5 ° 12 5 ° 06 11 ≈ 11 0 × 56 16 × 44 5 ° 57 66S 4 ° 36 11 ≈ 10 0 × 32 15 × 50 4 ° 23 5 ° 28 11 ≈ 44 1 × 04 16 × 25 5 ° 07 6 ° 20 12 ≈ 18 1 × 36 17 × | | | | | | | | | | | | | | | | |
| 63S 1 ∃ 04 7 ≈ 49 28 ≈ 29 14 ₭ 57 4 № 35 1 ∃ 58 8 ≈ 26 29 ≈ 04 15 ₭ 35 5 № 21 2 ∃ 52 9 ≈ 03 29 ≈ 38 16 ₭ 12 6 № 02 64S 2 ∃ 10 8 ≈ 53 29 ≈ 09 15 ₭ 14 4 № 31 3 ∃ 03 9 ≈ 29 29 ≈ 43 15 ₭ 51 5 № 16 3 ∃ 57 10 ≈ 06 0 ₭ 16 16 ₭ 28 6 № 02 65S 3 ∃ 20 10 ≈ 00 29 ≈ 50 15 ₭ 32 4 № 27 4 ∃ 13 10 ≈ 35 0 ₭ 23 16 ₭ 08 5 № 12 5 ∃ 06 11 ≈ 11 0 ₭ 56 16 ₭ 44 5 № 57 66S 4 ∃ 36 11 ≈ 10 0 ₭ 32 15 ₭ 50 4 № 23 5 ∃ 28 11 ≈ 44 1 ₭ 04 16 ₭ 25 5 № 07 6 ∃ 20 12 ≈ 18 1 ₭ 36 17 ₭ 00 5 № 51 | | | | | | | | | | | | | | | | 6Υ11 |
| 64S 2 ₪ 10 8 ≈ 53 29 ≈ 09 15 ₭ 14 4 № 31 3 ⋓ 303 9 ≈ 29 29 ≈ 43 15 ₭ 51 5 № 16 3 ⋓ 57 10 ≈ 06 0 ₭ 16 16 ★ 28 6 № 02 65S 3 ⋓ 20 10 ≈ 00 29 ≈ 50 15 ₭ 32 4 № 27 4 ⋓ 13 10 ≈ 35 0 ₭ 23 16 ₭ 08 5 № 12 5 ⋓ 06 11 ≈ 11 0 ₭ 56 16 ₭ 44 5 № 57 66S 4 ⋓ 36 11 ≈ 10 0 ₭ 32 15 ₭ 50 4 № 23 5 ⋈ 28 11 ≈ 44 1 ₭ 04 16 ₭ 25 5 № 07 6 ⋈ 20 12 ≈ 18 1 ₭ 36 1 ₭ 30 5 № 51 | | | | | | | | I | | | | | | | | 6Υ06 |
| 668 4336 11≈10 0x32 15x50 4x23 5328 11≈44 1x04 16x25 5x07 6320 12≈18 1x36 17x00 5x51 | | | | 29≈09 | 15 ¥ 14 | 4 Υ 31 | | | 29≈43 | | | | 10≈06 | | | 6Υ02 |
| | | | 10≈00 | 29≈50 | | | | 10≈35 | | | | | 11≈11 | | | 5 Υ 57 |
| pc 3621 11≈50 0 € 57 16 € 00 4 € 21 6 € 12 12≈24 1 € 28 16 € 35 5 € 05 7 € 04 12≈57 2 € 00 17 € 10 5 € 48 | | | | | | | | | | | | | | | | 5Υ51 |
| | pc | 5중21 | 11≈50 | U¥57 | 16 X 00 | 4Υ21 | 6중12 | 12≈24 | 1 X 28 | 16 X 35 | 5Υ05 | 7304 | 12≈57 | 2 X 00 | 17 X 10 | 5Υ48 |

| | Sid.Tir MC: | | 36m A ,25'56 | RMC: 2 | 19°00' | Sid.Tir MC: | | 40m A 26'42 | RMC: 2 | 220°00' | Sid.Tir MC: | ne: 14h4 | 44m A .27'18 | RMC: 2 | 221°00' |
|------------|--------------------|----------------------------------|-------------------|--|--------------------------------|----------------------------------|--------------------------------------|--|--|-----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 10 ≈ 35 | 8중16 | 6≈36 | 7 ∺ 17 | 9Ƴ47 | 11 ≉ 32 | 9 ਰ 11 | 7≈35 | 8 2 1 | 10°Y 52 | 12 ₹ 28 | 10중06 | 8≈34 | 9 ∺ 25 | 11Ƴ57 |
| 1S | 10×147 | 8중36 | 6≈56 | 7 ¥ 26 | 9Υ45 | 11 🗷 43 | 9중31 | 7≈54 | 8 X 29 | 10Υ50 | 12 🗷 39 | 10궁27 | 8≈53 | 9 X 33 | 11Υ55 |
| 2S 3S | 10 ₹ 58 11 ₹ 10 | 8 궁 57 9 궁 17 | 7≈15 7≈35 | 7 X 34 7 X 43 | 9 Υ 43 9 Υ 41 | 11 ∡ 54 12 ∡ 06 | 9 궁 52 10 궁 12 | 8≈14 8≈33 | 8 X 37 8 X 45 | 10°°47 | 12 ₹ 51 13 ₹ 02 | 10중47 11중07 | 9≈12 9≈31 | 9 X 41 9 X 48 | 11 Υ 52 11 Υ 49 |
| 4S | 11 x 10 | 9517 | 7≈33 7≈54 | 7 X 43 | 9 Y 41 | 12×106 | 10등12 10등32 | 8≈52 | 8 X 43 | 10 Y 43 | 13 x · 02 | 11807 | 9≈50 | 9 X 48 | 11 Y 49 |
| 5S | 11 ₹ 33 | 9중58 | 8≈13 | 7 | 9Υ36 | 12 🗷 29 | 10중53 | 9≈11 | 9 X 01 | 10°Y40 | 13 ₹ 25 | 11348 | 10≈09 | 10 X 03 | 11Υ44 |
| 6S | 11 🗷 44 | 10중18 | 8≈32 | 8 X 07 | 9Υ34 | 12 🗷 41 | 11313 | 9≈30 | 9 × 09 | 10 Y 38 | 13 × 23 | 12308 | 10≈27 | 10 × 11 | 11 ° 41 |
| 7S | 11 ₹ 56 | 10중39 | 8≈51 | 8 X 15 | 9Υ32 | 12 ₹ 53 | 11334 | 9≈48 | 9 X 17 | 10 Y 35 | 13 🗷 49 | 12329 | 10≈46 | 10 ¥ 18 | 11Υ39 |
| 8S 9S | 12 ₹ 08 12 ₹ 20 | 10궁59 11궁20 | 9≈10 9≈29 | 8 ¥ 23 8 ¥ 31 | 9Υ30 9Υ28 | 13 ∡ 04 13 ∡ 16 | 11궁54 12궁15 | 10≈07 10≈26 | 9 X 24 9 X 32 | 10 Y 33 | 14 × 01 14 × 13 | 12궁49 13궁09 | 11≈04 11≈22 | 10 ¥ 25 10 ¥ 33 | 11 Y 36 11 Y 34 |
| 108 | 12×20 | 11341 | 9≈48 | 8 X 39 | 9Υ26 | 13 ₹ 28 | 12 日 35 | 10≈20 | 9 X 39 | 10Υ28 | 14 \$\times 25 | 13830 | 11≈41 | 10 X 40 | 11 γ34 |
| 11S | 12×32 | 12중01 | 10≈06 | 8 X 47 | 9Υ24 | 13×20 | 12 3 56 | 11≈02 | 9 X 47 | 10 γ 26 | 14 × 23 | 13 공 51 | 11≈59 | 10 X 47 | 11 Y 28 |
| 12S | 12 ∡ 56 | 12중22 | 10≈25 | 8 ¥ 55 | 9 Y 21 | 13 ₹ 53 | 13중17 | 11≈21 | 9 X 54 | 10Y24 | 14 ₹ 49 | 14중11 | 12≈17 | 10 ¥ 54 | 11Ƴ26 |
| 13S | 13 🗷 08 | 12343 | 10≈43 | 9 X 03 | 9Υ19 | 14 🗷 05 | 13337 | 11≈39 | 10 × 02 | 10Υ21 | 15 7 01 | 14332 | 12≈35 | 11 * 01 | 11Υ23 |
| 14S | 13 × 20 | 13중04 | 11≈02 | 9 X 10 | 9Υ17 | 14 🗷 17 | 13중58 | 11≈57 | 10 × 09 | 10Υ19 | 15 🗷 14 | 14353 | 12≈53 | 11 X 08 | 11Υ21 |
| 15S 16S | 13 ₹ 33 | 13중25 13중47 | 11≈21 11≈39 | 9 ¥ 18 9 ¥ 26 | 9Υ15 9Υ13 | 14 ∡ 30 14 ∡ 43 | 14궁19 14궁41 | 12≈16 12≈34 | 10 X 17 10 X 24 | 10 ° 17 10 ° 14 | 15 ₹ 26 15 ₹ 39 | 15중14 15중35 | 13≈11 13≈29 | 11 X 15 11 X 22 | 11 Y 18 |
| 17S | 13 \$7 59 | 14중08 | 11≈58 | 9 X 33 | 9Υ11 | 14×45 | 15802 | 12≈52 | 10 × 31 | 10 Y 12 | 15 × 52 | 15중56 | 13≈47 | 11 X 29 | 11 Y 13 |
| 18S | 14×12 | 14330 | 12≈16 | 9 X 41 | 9Υ09 | 15×108 | 15823 | 13≈11 | 10 × 39 | 10Υ10 | 16 \$7 05 | 16중17 | 14≈05 | 11 × 36 | 11Υ10 |
| 19S | 14×25 | 14궁51 | 12≈35 | 9 X 49 | 9 ⋎ 07 | 15 🗷 22 | 15345 | 13≈29 | 10 X 46 | 10Υ07 | 16 🗷 18 | 16중39 | 14≈23 | 11 * 43 | 11Υ08 |
| 20S 21S | 14 ₹ 38 14 ₹ 52 | 15중13 15중35 | 12≈54 13≈12 | 9 ¥ 56 10 ¥ 04 | 9Υ04 9Υ02 | 15 ₹ 35 15 ₹ 49 | 16 궁 07 16 궁 29 | 13≈47 14≈06 | 10 X 53 11 X 01 | 10 \(\psi 05 \) 10 \(\psi 02 \) | 16 ₹ 32 16 ₹ 45 | 17る01 17る22 | 14≈41 14≈59 | 11 X 50 11 X 57 | 11 Y 05 11 Y 03 |
| 21S 22S | 15 × 05 | 15 ~5 55 | 13≈12 13≈31 | 10 X 04 | 9Υ02 9Υ00 | 16×102 | 16 공 51 | 14≈00 | 11 X 01 | 10 Y 02 | 16×43 | 17822 17845 | 15≈17 | 12 X 04 | 11 Y 03 |
| 23S | 15 7 19 | 16320 | 13≈50 | 10 ¥ 20 | 8Υ58 | 16 🗷 16 | 17314 | 14≈43 | 11 X 15 | 9Υ58 | 17 × 13 | 18307 | 15≈36 | 12 × 11 | 10°57 |
| 24S | 15 ₹ 34 | 16중43 | 14≈09 | 10 € 27 | 8Υ56 | 16∡31 | 17중36 | 15≈01 | 11 X 23 | 9Υ55 | 17 ₹ 28 | 18궁29 | 15≈54 | 12 X 18 | 10℃55 |
| 25S 26S | 15 ₹ 48 16 ₹ 03 | 17 る 06 17 る 30 | 14≈28 14≈47 | 10 ¥ 35 10 ¥ 43 | 8Υ54 8Υ51 | 16 ₹ 45 17 ₹ 00 | 17る59 18る23 | 15≈20 15≈39 | 11 ¥ 30 11 ¥ 38 | 9 Y 53 | 17 ₹ 42 17 ₹ 57 | 18 궁 52 19 궁 15 | 16≈12 16≈31 | 12 ¥ 25 12 ¥ 32 | 10 Y 52 10 Y 49 |
| 20S 27S | 16×18 | 17830 17 공 54 | 15≈06 | 10 X 43 | 8Υ49 | 17×100 | 18 3 23 | 15≈58 | 11 X 38 | 9Υ48 | 17 x · 37 18 z · 12 | 19813 | 16≈49 | 12 X 32 | 10 Y 49 |
| 28S | 16∡33 | 18중18 | 15≈25 | 10 ¥ 58 | 8 Ƴ 47 | 17∡30 | 19궁10 | 16≈17 | 11 X 52 | 9 Y 45 | 18 ₹ 27 | 20중02 | 17≈08 | 12 X 47 | 10Ƴ44 |
| 29S | 16 ₹ 49 | 18중42 | 15≈45 | 11 X 06 | 8 Ƴ 44 | 17 ₹ 46 | 19궁34 | 16≈36 | 12 ∺ 00 | 9℃43 | 18 ₹ 43 | 20중26 | 17≈27 | 12 X 54 | 10 Ƴ 41 |
| 30S 31S | 17∡05 17∡21 | 19 궁 07 19 궁 32 | 16≈04 16≈24 | 11 X 14 11 X 22 | 8Υ42 8Υ40 | 18 ∡ 02 18 ∡ 19 | 19る59 20る24 | 16≈55 17≈15 | 12 ¥ 08 12 ¥ 15 | 9°740 9°738 | 18 ₹ 59 19 ₹ 16 | 20 궁 51 21 궁 15 | 17≈46 18≈05 | 13 ¥ 01 13 ¥ 08 | 10 Y 38 |
| 32S | 17x.21 17x38 | 19832 | 16≈24 | 11 X 22 | 8 Y 40 | 18 ₹ 35 | 20 8 24 20 중 49 | 17≈13 17≈34 | 12 X 13 | 9Υ35 | 19×10 | 21341 | 18≈03 | 13 X 08 | 10 Y 33 |
| 33S | 17 <i>≯</i> 55 | 20중23 | 17≈04 | 11 X 38 | 8Υ35 | 18 ≯ 53 | 21공15 | 17≈54 | 12¥31 | 9Υ32 | 19 ₹ 50 | 22중06 | 18≈44 | 13 ★ 23 | 10℃29 |
| 34S | 18 🗷 13 | 20궁50 | 17≈25 | 11 X 46 | 8Υ33 | 19 ₹ 10 | 21궁41 | 18≈14 | 12 × 38 | 9Υ30 | 20 ₹ 07 | 22332 | 19≈03 | 13 X 30 | 10Υ26 |
| 35S 36S | 18 ∡ 31 18 ∡ 49 | 21중16 21중44 | 17≈45 18≈06 | 11 ¥ 55 12 ¥ 03 | 8Υ30 8Υ28 | 19 ₹ 28 19 ₹ 47 | 22중07 22중35 | 18≈34 18≈55 | 12 ¥ 46 12 ¥ 54 | 9Υ27 9Υ24 | 20 ₹ 25 20 ₹ 44 | 22중58 23중25 | 19≈23 19≈43 | 13 ¥ 38 13 ¥ 45 | 10°23 10°20 |
| 37S | 19 🗷 09 | 22312 | 18≈27 | 12 X 11 | 8Υ25 | 20 \$ 06 | 23 당 02 | 19≈15 | 13 × 02 | 9Υ21 | 21 🗷 03 | 23 공 52 | 20≈04 | 13 X 53 | 10 Y 20 |
| 38S | | | 18≈48 | | | | | 19≈36 | | | 21 🗷 22 | | 20≈24 | | 10Υ14 |
| 39S | 19∡48 | 23중09 | 19≈10 | 12 X 29 | 8Υ20 | 20 ₹ 46 | 23궁59 | 19≈58 | 13 X 18 | 9Υ15 | 21 🗷 43 | 24349 | 20≈45 | 14 X 08 | 10Υ11 |
| 40S 41S | 20 ≠ 09 20 ≠ 31 | 23 궁 39 24 궁 09 | 19≈32 19≈54 | 12 X 37 12 X 46 | 8Υ17 8Υ14 | 21 ∡ 06 21 ∡ 28 | 24궁28 24궁58 | 20≈19 20≈41 | 13 ¥ 27 13 ¥ 35 | 9 Y 12 9 Y 09 | 22 ₹ 03 22 ₹ 25 | 25 궁 18 25 궁 47 | 21≈06 21≈28 | 14 X 16 14 X 24 | 10 Y 08 10 Y 04 |
| 42S | 20 x 51 20 x 53 | 24명40 | 19≈34 20≈17 | 12 X 40 | 8Υ12 | 21 × 28 21 × 50 | 25 공 29 | 20≈41 21≈03 | 13 X 44 | 9Υ06 | 22 x 47 | 26중18 | 21≈28 21≈49 | 14 X 24 | 10 Y 04 |
| 43S | 21 7 16 | 25중11 | 20≈39 | 13 ₩ 04 | 8 Y 09 | 22 ∡ 13 | 26중00 | 21≈25 | 13 ¥ 52 | 9Y03 | 23 ₮ 10 | 26349 | 22≈11 | 14 X 41 | 9℃57 |
| 44S | 21 🗷 40 | 25344 | 21≈03 | 13 X 13 | 8Υ06 | 22 ₹37 | 26중32 | 21≈48 | 14 🗙 01 | 9Υ00 | 23 ₹33 | 27320 | 22≈34 | 14 🗙 49 | 9Υ54 |
| 45S 46S | 22 ∡ 04 22 ∡ 30 | 26중17 26중51 | 21≈26 21≈50 | 13 ¥ 23 13 ¥ 32 | 8Υ03 8Υ00 | 23 ₹ 01 23 ₹ 27 | 27る05 27る39 | 22≈11 22≈35 | 14 X 10 14 X 19 | 8 Y 57 8 Y 53 | 23 × 58 24 × 23 | 27 궁 53 28 궁 26 | 22≈56 23≈20 | 14 X 57 15 X 06 | 9Υ50 9Υ47 |
| 40S 47S | 22 x 56 | 20 5 31 27 중 26 | 21≈30 22≈15 | 13 X 32 | 7Υ57 | 23 × 27 23 × 53 | 28 중 13 | 22≈53 22≈59 | 14 X 19 | 8Υ50 | 24 x 23 24 z 50 | 29중00 | 23≈20 23≈43 | 15 X 06 | 9Υ43 |
| 48S | 23 ₹ 24 | 28중02 | 22≈40 | 13 ¥ 52 | 7 Υ 54 | 24 ₹21 | 28궁49 | 23≈24 | 14 ∺ 38 | 8 Y 46 | 25 ₹ 17 | 29중36 | 24≈07 | 15 ∺ 24 | 9Υ39 |
| 49S | 23 ₹ 53 | 28중39 | 23≈05 | 14 ₩ 02 | 7 Υ 50 | 24 ₹ 49 | 29궁25 | 23≈49 | 14 X 47 | 8°Y43 | 25 ₹ 46 | 0≈12 | 24≈32 | 15 X 33 | 9Υ35 |
| 50S 51S | 24 ₹ 23 24 ₹ 54 | 29 궁 17 29 궁 56 | 23≈31 23≈58 | 14 X 12 14 X 22 | 7Ƴ47 7Ƴ44 | 25 ∡ 19 25 ∡ 50 | 0≈03 0≈41 | 24≈14 24≈40 | 14 ¥ 57 15 ¥ 07 | 8 Y 3 9 | 26 ₹ 16 26 ₹ 47 | 0≈49 1≈27 | 24≈57 25≈22 | 15 X 42 15 X 51 | 9Υ31 9Υ27 |
| 51S 52S | 25 × 27 | 0≈36 | 23≈38 24≈25 | 14 X 22 14 X 33 | 7°444 7°440 | 25 × 30 26 × 23 | 1≈21 | 24≈40 25≈07 | 15 X 07 | 8Y33 | 26×47 27×19 | 2≈06 | 25≈22 25≈48 | 15 X 51 | 9 ¹ γ27 |
| 53S | 26 ₮ 01 | 1≈18 | 24≈53 | 14 ¥ 44 | 7 Y 36 | 26 ₹ 57 | 2≈02 | 25≈34 | 15 ∺ 27 | 8 Y 27 | 27 ₹ 53 | 2≈47 | 26≈15 | 16 米 11 | 9Υ18 |
| 54S | 26 ₹ 37 | 2≈01 | 25≈21 | 14 ¥ 55 | 7 Ƴ 33 | 27 ҂ 33 | 2≈45 | 26≈02 | 15 ∺ 38 | 8Y23 | 28 ₹ 29 | 3≈28 | 26≈42 | 16 ¥ 21 | 9Υ13 |
| 55S 56S | 27 ₹ 15 27 ₹ 55 | 2≈45 3≈31 | 25≈50 26≈20 | 15 ¥ 07 15 ¥ 18 | 7 Y 29 7 Y 25 | 28 ∡ 11 28 ∡ 50 | 3≈28 4≈13 | 26≈30 26≈59 | 15 X 49 16 X 00 | 8Υ19 8Υ14 | 29 ₹ 06 29 ₹ 46 | 4≈11 4≈56 | 27≈10 27≈39 | 16 ¥ 31 16 ¥ 42 | 9Υ08 9Υ04 |
| 57S | 28 × 37 | 3≈31 | 26≈20 26≈51 | 15 X 18 | 7°723 | 28 × 30 29 × 32 | 4≈13 5≈00 | 26≈39 27≈29 | 16 X 12 | 8 Y 14 | 29×146 0중27 | 5≈42 | 27≈39 28≈08 | 16 X 42 | 8Υ59 |
| 58S | 29 ₹ 21 | 5≈07 | 27≈22 | 15 ¥ 43 | 7Υ16 | 0중16 | 5≈48 | 28≈00 | 16 ∺ 23 | 8Y05 | 1중11 | 6≈29 | 28≈38 | 17 ∺ 04 | 8Y53 |
| 59S | 80동0 | 5≈58 | 27≈54 | 15 ¥ 55 | 7 Υ 12 | 1302 | 6≈38 | 28≈32 | 16¥35 | 8Y00 | 1공57 | 7≈19 | 29≈09 | 17 X 16 | 8Ƴ48 |
| 60S | 0 궁 57 | 6≈50 | 28≈27 20⊶01 | 16 × 08 | 7Υ07 | 1공52 | 7≈30 | 29≈04 20⊶27 | 16 X 48 | 7°755 | 2346 | 8≈10 002 | 29≈41 0×12 | 17 × 27 | 8Υ42 |
| 61S 62S | 1궁50 2궁46 | 7≈45 8≈42 | 29≈01 29≈37 | 16 ¥ 22 16 ¥ 36 | 7 Υ 02 6 Υ 57 | 2정44 3정40 | 8≈24 9≈20 | 29≈37 0 X 12 | 17 ¥ 01 17 ¥ 14 | 7°49 7°44 | 3중38 4중33 | 9≈03 9≈58 | 0 X 13 0 X 47 | 17 ¥ 39 17 ¥ 52 | 8Υ36 8Υ30 |
| 63S | 3₹46 | 9≈41 | 0 X 13 | 16 ∺ 50 | 6Υ52 | 4공39 | 10≈18 | 0 X 47 | 17 X 27 | 7 Y 38 | 5중32 | 10≈55 | 1 X 22 | 18 ¥ 05 | 8 Ƴ 24 |
| 64S | 4궁50 | 10≈42 | 0 ¥ 50 | 17 | 6 Y 47 | 5중42 | 11≈18 | 1 X 24 | 17 ∺ 41 | 7 Ƴ 32 | 6 궁 34 | 11≈55 | 1 X 58 | 18 X 18 | 8 Ƴ 17 |
| 65S | 5 궁 58 | 11≈46 | 1 X 29 | 17 ¥ 20 | 6Υ41 | 6중50 | 12≈21 | 2 ¥ 02 | 17 X 56 | 7°26 | 7중41 | 12≈57 | 2 ¥ 35 | 18 ¥ 32 | 8Υ10 |
| 66S pc | 7정11 7정55 | 12≈52 13≈31 | 2 ¥ 08 2 ¥ 31 | 17 ¥ 36 17 ¥ 45 | 6Υ35 6Υ32 | 8 ට 03 8 ට 46 | 13≈27 14≈05 | 2 X 41 3 X 03 | 18 ¥ 11 18 ¥ 20 | 7Υ19 7Υ15 | 8 궁 53 9 궁 36 | 14≈01 14≈38 | 3 X 13 3 X 35 | 18 ¥ 46 18 ¥ 55 | 8 Y 03 7 Y 59 |
| | | hased on t | | | | | | | | | 2030 | 17≈30 | σπου | 10π33 | / 1/39 |

| | 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 | 224°00' |
|------------|--------------------------------|----------------------------------|--|--|-----------------------------------|----------------------------------|----------------------------------|--|--|--------------------|--------------------------------|----------------------------------|--|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 13 ₹ 24 | 11302 | 9≈33 | 10 ∺ 29 | 13℃02 | 14 ~ 19 | 11357 | 10≈32 | 11 ∺ 34 | 14 Y 07 | 15 ₹ 15 | 12353 | 11≈32 | 12 X 38 | 15Υ12 |
| 1S | 13 ₹ 35 | 11중22 | 9≈52 | 10 ¥ 37 | 12 Υ 59 | 14 🗷 31 | 12당17 | 10≈51 | 11 X 41 | 14Y04 | 15 ₹ 27 | 13名13 | 11≈50 | 12 X 45 | 15℃08 |
| 2S | 13 🗷 47 | 11342 | 10≈11 | 10 X 44 | 12°756 | 14 🗷 43 | 12338 | 11≈10 | 11 X 48 | 14 7 01 | 15 7 38 | 13833 | 12≈09 | 12 X 51 | 15°°05 |
| 3S 4S | 13 ₹ 58 14 ₹ 10 | 12중03 12중23 | 10≈30 10≈48 | 10 X 51 10 X 59 | 12 \gamma 53 12 \gamma 51 | 14 ₹ 54 15 ₹ 06 | 12중58 13중18 | 11≈28 11≈47 | 11 X 55 12 X 01 | 13 Y 58 | 15 x 50 16 x 02 | 13중53 14중13 | 12≈27 12≈45 | 12 X 58 13 X 04 | 15 Y 02 14 Y 58 |
| 5S | 14×10 | 12343 | 11≈07 | 11 X 06 | 12 Y 48 | 15 🗷 18 | 13338 | 12≈05 | 12 X 08 | 13Υ51 | 16 \$7 14 | 14833 | 13≈03 | 13 X 11 | 14Υ55 |
| 6S | 14 x 22 | 12 5 43 | 11≈07 | 11 X 06 | 12 Y 48 | 15 x 18 | 13 ~ 58 | 12≈03 | 12 X 08 | 13 Y 31 | 16×14 | 14853 | 13≈03 | 13 X 17 | 14 Y 53 |
| 7S | 14×145 | 13824 | 11≈43 | 11 X 20 | 12°Y42 | 15 🗷 41 | 14궁19 | 12≈41 | 12 × 21 | 13 Y 45 | 16×37 | 15814 | 13≈38 | 13 X 23 | 14Y48 |
| 8S | 14 <i>≯</i> 57 | 13344 | 12≈01 | 11 ¥ 27 | 12 Y 39 | 15 ₹ 53 | 14중39 | 12≈59 | 12 ¥ 28 | 13 Y 42 | 16∡49 | 15중34 | 13≈56 | 13 X 29 | 14Ƴ45 |
| 9S | 15 ₹ 09 | 14궁04 | 12≈19 | 11 X 34 | 12Ƴ36 | 16 ₹ 05 | 14궁59 | 13≈16 | 12 ¥ 34 | 13 Ƴ 39 | 17∡01 | 15중54 | 14≈13 | 13 ¥ 35 | 14Ƴ42 |
| 10S | 15 ₹ 21 | 14중25 | 12≈37 | 11 X 40 | 12Ƴ34 | 16 ₮ 17 | 15중19 | 13≈34 | 12 | 13 Y 36 | 17 ₹ 13 | 16궁14 | 14≈31 | 13 X 42 | 14Ƴ39 |
| 118 | 15 🗷 33 | 14345 | 12≈55 | 11 × 47 | 12 731 | 16 7 30 | 15340 | 13≈52 | 12 X 47 | 13 γ 33 | 17 7 26 | 16334 | 14≈48 | 13 X 48 | 14Y35 |
| 12S 13S | 15 ₹ 46 15 ₹ 58 | 15 궁 06 15 궁 26 | 13≈13 13≈31 | 11 X 54 12 X 01 | 12 ° 28 12 ° 25 | 16 ₹ 42 16 ₹ 54 | 16중00 16중21 | 14≈09 14≈27 | 12 X 54 13 X 00 | 13 Y 30 13 Y 27 | 17 ₹ 38 17 ₹ 50 | 16 궁 55 | 15≈06 15≈23 | 13 X 54 14 X 00 | 14 Y 32 14 Y 29 |
| 14S | 16×10 | 15 3 20 | 13≈49 | 12 X 07 | 12 Y 23 | 17 × 07 | 16341 | 14≈44 | 13 × 06 | 13 Y 24 | 18 🗷 03 | 17836 | 15≈40 | 14 × 06 | 14Y26 |
| 15S | 16 <i>≵</i> 23 | 16중08 | 14≈06 | 12 X 14 | 12 Y 20 | 17 ~ 19 | 17중02 | 15≈02 | 13 X 13 | 13Y21 | 18 <i>≱</i> 16 | 17중56 | 15≈57 | 14 X 12 | 14 Υ 22 |
| 16S | 16×25 | 16중29 | 14≈24 | 12 X 21 | 12 Y 20 | 17×13 | 17 3 02 | 15≈19 | 13 X 19 | 13 γ 21 | 18 🗷 29 | 18317 | 16≈14 | 14 X 18 | 14Y19 |
| 17S | 16∡149 | 16궁50 | 14≈42 | 12 ∺ 27 | 12Ƴ14 | 17 ₹ 45 | 17중44 | 15≈37 | 13 ∺ 25 | 13 Y 15 | 18∡41 | 18중38 | 16≈32 | 14 ∺ 24 | 14Ƴ16 |
| 18S | 17 ₹ 02 | 17중11 | 15≈00 | 12 × 34 | 12Υ11 | 17 ₹ 58 | 18305 | 15≈54 | 13 ¥ 32 | 13 7 12 | 18 \$7 55 | 18359 | 16≈49 | 14 × 29 | 14 13 |
| 19S | 17×15 | 17중33 | 15≈17 | 12 X 41 | 12Υ08 | 18 🗷 12 | 18326 | 16≈12 | 13 X 38 | 13 Y 09 | 19 🗷 08 | 19820 | 17≈06 | 14¥35 | 14Υ09 |
| 20S 21S | 17 ₹ 29 17 ₹ 42 | 17궁54 18궁16 | 15≈35 15≈53 | 12 X 47 12 X 54 | 12 \(\psi 06 \) 12 \(\psi 03 \) | 18 ₹ 25 18 ₹ 39 | 18 궁 48 19 궁 09 | 16≈29 16≈47 | 13 × 44 | 13 Y 06 13 Y 03 | 19 x 21 19 x 35 | 19 공 41 20 공 03 | 17≈23 17≈40 | 14 X 41 | 14 Y 06 14 Y 03 |
| 21S 22S | 17×142 | 18중38 | 15≈53 16≈11 | 12 X 34 13 X 00 | 12 \(\psi \) 03 | 18 × 39 18 × 53 | 19809 | 16≈47 | 13 X 50 13 X 57 | 13 Y 03 | 19 \$7 49 | 20등03 20등24 | 17≈40 | 14 X 47 14 X 53 | 14 Y 03 |
| 23S | 18×10 | 19중00 | 16≈29 | 13 × 07 | 11Υ57 | 19 🗷 07 | 19853 | 17≈22 | 14 × 03 | 12Υ56 | 20 \$ 03 | 20346 | 18≈15 | 14 X 59 | 13Υ56 |
| 24S | 18 ₹ 24 | 19중22 | 16≈47 | 13 ¥ 14 | 11Ƴ54 | 19∡21 | 20중15 | 17≈40 | 14 ∺ 09 | 12 Y 53 | 20 ₮ 17 | 21궁08 | 18≈32 | 15 ∺ 05 | 13 Y 53 |
| 25S | 18 ₹ 39 | 19궁45 | 17≈05 | 13 ∺ 20 | 11 Y 51 | 19∡36 | 20중38 | 17≈57 | 14 X 16 | 12Y50 | 20 ₹ 32 | 21331 | 18≈50 | 15 X 11 | 13 Ƴ 49 |
| 26S | 18 ₹ 54 | 20중08 | 17≈23 | 13 ¥ 27 | 11Ƴ48 | 19∡50 | 21중01 | 18≈15 | 14 ¥ 22 | 12 Y 47 | 20 ∡ 47 | 21궁53 | 19≈07 | 15 X 17 | 13 Y 46 |
| 27S | 19 🗷 09 | 20중31 | 17≈41 | 13 X 34 | 11°745 | 20 \$ 05 | 21324 | 18≈33 | 14 ¥ 28 | 12Υ44 | 21 7 02 | 22316 | 19≈25 | 15 × 23 | 13°Y42 |
| 28S 29S | 19 ₹24 19 ₹40 | 20중55 21중19 | 18≈00 18≈18 | 13 X 41 13 X 47 | 11 Y 42 11 Y 39 | 20 ₹21 20 ₹37 | 21중47 22중11 | 18≈51 19≈09 | 14 X 35 14 X 41 | 12 Y 40 12 Y 37 | 21 × 17 21 × 33 | 22 궁 39 23 궁 03 | 19≈43 20≈01 | 15 ¥ 29 15 ¥ 35 | 13 Y 39 13 Y 35 |
| | 19 \$7 56 | | 18≈37 | | | 20 × 57 | | 19≈28 | 14 X 48 | 12 γ 34 | 21 🗷 49 | 23 3 26 | 20≈19 | | 13 γ 32 |
| 30S 31S | 20 × 12 | 21중43 22중07 | 18≈56 | 13 X 54 14 X 01 | 11 \gamma 36 11 \gamma 33 | 20 x 33 21 x 09 | 22중35 22중59 | 19≈28 | 14 X 48 | 12 Y 34 12 Y 30 | 21 x 49 22 x 06 | 23·520 23·중50 | 20≈19 20≈37 | 15 X 41 15 X 47 | 13 Y 32 |
| 32S | 20 🗷 29 | 22중32 | 19≈15 | 14 × 08 | 11Υ30 | 21 🗷 26 | 23824 | 20≈05 | 15 × 01 | 12Y27 | 22 🗷 22 | 24315 | 20≈55 | 15 X 53 | 13 Y 24 |
| 33S | 20 ∡ 46 | 22중57 | 19≈34 | 14 | 11Ƴ26 | 21 ∡ 43 | 23궁49 | 20≈23 | 15 ∺ 07 | 12 Y 24 | 22 ₹ 39 | 24궁40 | 21≈13 | 16 ∺ 00 | 13 Y 21 |
| 34S | 21 ∡ 04 | 23중23 | 19≈53 | 14 ¥ 22 | 11Υ23 | 22 ₮ 01 | 24중14 | 20≈42 | 15 ¥ 14 | 12Y20 | 22 ₹ 57 | 25중05 | 21≈32 | 16 ¥ 06 | 13 ℃ 17 |
| 35S | 21 🗷 22 | 23349 | 20≈12 | 14 ¥ 29 | 11 Υ 20 | 22 ₹ 19 | 24340 | 21≈02 | 15 ∺ 21 | 12Y16 | 23 ₹ 15 | 25중31 | 21≈51 | 16 ¥ 12 | 13 Y 13 |
| 36S | 21 ₹41 22 ₹00 | 24중16 24중43 | 20≈32 20≈52 | 14 X 36 14 X 44 | 11 Y 17 11 Y 13 | 22 ∡ 37 22 ∡ 56 | 25 궁 06 25 궁 33 | 21≈21 21≈40 | 15 X 27 15 X 34 | 12 Y 13 12 Y 09 | 23 x 34 23 x 52 | 25 궁 57 26 궁 23 | 22≈10 22≈29 | 16 × 19 | 13 Y 09 13 Y 05 |
| 37S 38S | | | 20≈32 21≈12 | | | | | 21≈40 | | | | 26궁50 | | 16 ¥ 25 16 ¥ 32 | l |
| 39S | 22 × 39 | 25중39 | 21≈33 | 14 X 58 | 11Υ06 | 23 × 36 | 26중28 | 22≈20 | 15 × 48 | 12 Y 02 | 24 🗷 32 | 27중18 | 23≈08 | 16 × 38 | 12Y57 |
| 40S | 23 ∡ 00 | 26중07 | 21≈53 | 15 ∺ 06 | 11 Y 03 | 23 ₹ 56 | 26궁57 | 22≈41 | 15 X 55 | 11 7 58 | 24 × 53 | 27346 | 23≈28 | 16 X 45 | 12Y53 |
| 41S | 23 ₹ 21 | 26중37 | 22≈14 | 15 X 13 | 10 Υ 59 | 24 × 18 | 27326 | 23≈01 | 16 ∺ 02 | 11 Y 54 | 25 ₹ 14 | 28중15 | 23≈48 | 16 ¥ 52 | 12 Y 49 |
| 42S | 23 ₹ 44 | 27중07 | 22≈36 | 15 ¥ 21 | 10Y55 | 24 🗷 40 | 27중55 | 23≈22 | 16 ¥ 10 | 11Υ50 | 25 ₹ 36 | 28344 | 24≈08 | 16 X 58 | 12°Y44 |
| 43S | 24 ₹ 06 24 ₹ 30 | 27중37 28중09 | 22≈57 23≈19 | 15 X 29 | 10 Y 52 10 Y 48 | 25 ₹ 03 25 ₹ 26 | 28 궁 26 28 궁 57 | 23≈43 24≈05 | 16 X 17 | 11 Y 46 11 Y 42 | 25 × 59 | 29중14 29중45 | 24≈29 24≈50 | 17 × 05 | 12 Y 40 12 Y 36 |
| 448 | | | | 15 X 37 | | | | | 16 X 25 | | 26 🗷 22 | | 24≈50 | 17 ¥ 12 | |
| 45S 46S | 24 ₹ 54 25 ₹ 20 | 28 궁 41 29 궁 14 | 23≈42 24≈04 | 15 X 45 15 X 53 | 10 Y 44 10 Y 40 | 25 ₹ 51 26 ₹ 16 | 29⋜28 0≈01 | 24≈27 24≈49 | 16 ¥ 32 16 ¥ 40 | 11 Y 37 | 26 ₹ 47 27 ₹ 12 | 0≈16 0≈48 | 25≈12 25≈33 | 17 ¥ 20 17 ¥ 27 | 12 Y 31 12 Y 26 |
| 47S | 25 ₹ 46 | 29847 | 24≈27 | 16 × 01 | 10 Y 36 | 26 × 42 | 0≈34 | 25≈12 | 16 × 48 | 11 Y 29 | 27 × 12 27 × 38 | 1≈21 | 25≈56 | 17 X 34 | 12 Y 20 |
| 48S | 26 ₮ 13 | 0≈22 | 24≈51 | 16 ¥ 10 | 10Ƴ31 | 27 ҂ 09 | 1≈09 | 25≈35 | 16¥56 | 11 Y 24 | 28 ₹ 05 | 1≈55 | 26≈18 | 17 ¥ 42 | 12 Y 17 |
| 49S | 26 ≯ 42 | 0≈58 | 25≈15 | 16 ¥ 18 | 10℃27 | 27 ≯ 38 | 1≈44 | 25≈58 | 17 ∺ 04 | 11 Y 19 | 28 ₹ 33 | 2≈30 | 26≈41 | 17 ¥ 49 | 12 ⋎ 11 |
| 50S | 27 ₹ 12 | 1≈34 | 25≈39 | 16 × 27 | 10℃23 | 28 ₹ 07 | 2≈20 | 26≈22 | 17 × 12 | 11Υ14 | 29 🗷 03 | 3≈05 | 27≈05 | 17 ★ 57 | 12Υ06 |
| 51S | 27 × 43 | 2≈12 2≈51 | 26≈04 26≈30 | 16¥36 | 10Υ18 | 28 ₹ 38 29 ₹ 10 | 2≈57 | 26≈47 27×12 | 17¥21 | 11 7 10 | 29 🗷 33 | 3≈42 | 27≈29 27≈53 | 18 ¥ 05 | 12 Y 01 11 Y 55 |
| 52S 53S | 28 ∡ 15 28 ∡ 49 | 2≈51 3≈31 | 26≈30 26≈56 | 16 X 45 16 X 55 | 10 Y 13 10 Y 08 | 29×10 29×144 | 3≈35 | 27≈12 27≈37 | 17 ¥ 29 17 ¥ 38 | 11 Y 04 10 Y 59 | 0중05 0중39 | 4≈20 4≈59 | 27≈53 28≈18 | 18 ¥ 13 18 ¥ 22 | 11 Y 50 |
| 54S | 29 ₹ 24 | 4≈12 | 27≈23 | 17 × 04 | 10 Y 03 | 0중19 | 4≈55 | 28≈03 | 17 X 47 | 10 Y 54 | 1궁14 | 5≈39 | 28≈44 | 18 ¥ 30 | 11 Y 44 |
| 55S | 0동01 | 4≈54 | 27≈50 | 17 X 14 | 9 Υ 58 | 0중56 | 5≈37 | 28≈30 | 17 ¥ 56 | 10 Y 48 | 1공51 | 6≈20 | 29≈10 | 18 ± 39 | 11 Y 38 |
| 56S | 0중41 | 5≈38 | 28≈18 | 17 ¥ 24 | 9Υ53 | 1중35 | 6≈21 | 28≈57 | 18 ∺ 06 | 10 Y 42 | 2号30 | 7≈03 | 29≈37 | 18 光 48 | 11Ƴ32 |
| 57S | 1 궁 22 | 6≈24 | 28≈47 | 17 × 34 | 9Υ48 | 2중16 | 7≈05 | 29≈25 | 18 ¥ 16 | 10°736 | 3중10 | 7≈47 | 0 × 04 | 18 X 57 | 11Y25 |
| 58S | 2 3 05 2 3 51 | 7≈11 7≈59 | 29≈16 29≈46 | 17 ¥ 45 17 ¥ 56 | 9 Υ 42 9 Υ 36 | 2정59 3정45 | 7≈52 8≈40 | 29≈54 0¥24 | 18 ¥ 26 | 10 Y 30 | 3중53 4중38 | 8≈33 9≈20 | 0 X 32 | 19 ¥ 16 | 11Υ19 11Υ12 |
| 598 | | | 29≈46 0×18 | | | | 8≈40 020 | 0 X 24 | 18 X 36 | 10 7 24 | | | 1 X 01 | 19 X 16 | |
| 60S 61S | 3중40 4중31 | 8≈50 9≈42 | 0 X 18 0 X 50 | 18 ¥ 07 18 ¥ 18 | 9 Y 30 9 Y 23 | 4 궁 33 5 궁 24 | 9≈29 10≈21 | 0 X 54 1 X 26 | 18 ¥ 46 18 ¥ 57 | 10 Y 17 | 5 3 26 6 3 17 | 10≈09 10≈59 | 1 X 31 2 X 02 | 19 ¥ 26 19 ¥ 36 | 11 Y 05 10 Y 57 |
| 62S | 5 공 26 | 10≈36 | 1 X 22 | 18 X 30 | 9Υ17 | 6중18 | 10≈21 | 1 X 20 | 19 × 08 | 10 Y 10 | 7중11 | 10≈59 | 2 X 02 2 X 33 | 19 X 30 | 10 Y 37 |
| 63S | 6 3 24 | 11≈32 | 1 X 56 | 18 ¥ 42 | 9 ⋎ 10 | 7중16 | 12≈10 | 2 X 31 | 19 ∺ 20 | 9Y56 | 8808 | 12≈47 | 3 X 06 | 19 ¥ 58 | 10Ƴ41 |
| 64S | 7중26 | 12≈31 | 2¥31 | 18 ∺ 55 | 9℃03 | 8중18 | 13≈07 | 3 ∺ 05 | 19 ∺ 32 | 9 Ƴ 48 | 9중09 | 13≈43 | 3 X 39 | 20 X 09 | 10Ƴ33 |
| 65S | 8동33 | 13≈32 | 3 ∺ 08 | 19 ∺ 08 | 8 Ƴ 55 | 9중23 | 14≈07 | 3 ¥ 41 | 19 米 44 | 9 Y 40 | 10궁14 | 14≈42 | 4 ∺ 14 | 20 ¥ 20 | 10Ƴ24 |
| 66S | 9 공 44 | 14≈35 | 3 X 45 | 19 X 22 | 8°47 | 10중34 | 15≈10 | 4 X 17 | 19 X 57 | 9Υ31 | 11323 | 15≈44 | 4 X 49 | 20 ¥ 32 | 10 10 |
| pc | 10중26 | 15≈12 | 4 ¥ 06 | 19 ∺ 29 | 8 Ƴ 42 | 11중15 | 15≈46 | 4 ¥ 38 | 20 X 04 | 9°26 | 12중05 | 16≈19 | 5 X 10 | 20 X 39 | 10Y10 |

| | 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 | 27°00' |
|------------|--------------------------------|----------------------------------|-------------------|--|----------------------------------|----------------------------------|----------------------------------|--|--|---------------------------------------|----------------------------------|----------------------------------|--|--|---------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16∡11 | 13중48 | 12≈32 | 13 X 43 | 16Υ16 | 17 <i>≱</i> 06 | 14중44 | 13≈32 | 14 X 47 | 17 Ƴ 21 | 18 ₹ 02 | 15중40 | 14≈32 | 15 X 52 | 18Ƴ25 |
| 1S | 16 ₹ 22 | 14중08 | 12≈50 | 13 X 49 | 16Υ13 | 17 <i>≱</i> 18 | 15る04 | 13≈49 | 14 X 53 | 17 ⋎ 17 | 18 🗷 14 | 16중00 | 14≈49 | 15 X 57 | 18Ƴ21 |
| 2S | 16 ₹ 34 | 14중28 | 13≈08 | 13 X 55 | 16℃09 | 17∡730 | 15중24 | 14≈07 | 14 X 59 | 17 ⋎ 13 | 18 ₹ 25 | 16궁20 | 15≈07 | 16 X 03 | 18Ƴ17 |
| 3S | 16×46 | 14349 | 13≈26 | 14 × 01 | 16Υ06 | 17 ₹ 42 | 15844 | 14≈25 | 15 X 05 | 17Υ09 | 18 🗷 37 | 16궁40 | 15≈24 | 16 × 08 | 18Υ13 |
| 4S | 16∡58 | 15중09 | 13≈44 | 14 ∺ 07 | 16℃02 | 17 ₹ 53 | 16중04 | 14≈42 | 15 ¥ 10 | 17℃06 | 18 ₹ 49 | 16궁59 | 15≈41 | 16 X 13 | 18Ƴ09 |
| 5S | 17∡09 | 15중29 | 14≈01 | 14 X 13 | 15 ℃ 58 | 18 ₹ 05 | 16궁24 | 15≈00 | 15 ¥ 16 | 17℃02 | 19∡01 | 17궁19 | 15≈58 | 16 X 19 | 18℃05 |
| 6S | 17 <i>₹</i> 21 | 15349 | 14≈19 | 14 × 19 | 15 Υ 55 | 18 🗷 17 | 16344 | 15≈17 | 15 X 21 | 16Υ58 | 19 7 13 | 17중39 | 16≈15 | 16 × 24 | 18Y01 |
| 7S 8S | 17 ₹ 33 17 ₹ 45 | 16 궁 09 16 궁 29 | 14≈36 14≈54 | 14 X 25 14 X 31 | 15 Y 51 15 Y 48 | 18 ₹ 29 18 ₹ 41 | 17る04 17る24 | 15≈34 15≈51 | 15 ¥ 27 15 ¥ 32 | 16 Y 54 16 Y 51 | 19 ₹ 25 19 ₹ 37 | 17 る 59 18 る 19 | 16≈32 16≈49 | 16 X 29 16 X 34 | 17Υ57 17Υ53 |
| 9S | 17×43 | 16349 | 14≈34 | 14 X 31 | 15 Y 46 | 18 × 53 | 17824 | 15≈51 | 15 X 32 | 16 Y 47 | 19 \$7 49 | 18중39 | 10≈49 | 16 X 34 | 17 Y 33 |
| 108 | 18×109 | 17중09 | 15≈28 | 14 × 42 | 15 Υ 41 | 19 ₹ 05 | 18중04 | 16≈25 | 15 X 43 | 16°Y43 | 20 🗷 01 | 18중59 | 17≈22 | 16 X 44 | 17 Υ 46 |
| 11S | 18 x 22 | 17809 | 15≈28 | 14 X 42 | 15 Y 41 | 19×103 | 18 공 24 | 16≈23 | 15 X 48 | 16 Y 43 | 20 × 01 20 × 13 | 19중19 | 17≈22 | 16 X 49 | 17 Y 40 |
| 12S | 18×34 | 17849 | 16≈02 | 14 X 54 | 15 Y 34 | 19×10 | 18344 | 16≈59 | 15 X 54 | 16Υ36 | 20 \$726 | 19중39 | 17≈55 | 16 × 54 | 17 Y 38 |
| 13S | 18 ₹ 47 | 18중10 | 16≈19 | 14 X 59 | 15Ƴ31 | 19∡43 | 19중04 | 17≈15 | 15 X 59 | 16Ƴ32 | 20 ∡ 38 | 19궁59 | 18≈12 | 16 X 59 | 17Ƴ34 |
| 14S | 18∡59 | 18중30 | 16≈36 | 15 X 05 | 15Ƴ27 | 19∡55 | 19중24 | 17≈32 | 16 ∺ 04 | 16Ƴ29 | 20 ∡ 51 | 20중19 | 18≈28 | 17 X 04 | 17 Ƴ 30 |
| 15S | 19 ₹ 12 | 18중51 | 16≈53 | 15 X 11 | 15Ƴ24 | 20 ₮ 08 | 19중45 | 17≈49 | 16 X 10 | 16℃25 | 21 ₹ 04 | 20중39 | 18≈44 | 17 x 09 | 17Ƴ26 |
| 16S | 19 ₹ 25 | 19 ਫ 11 | 17≈10 | 15 X 16 | 15Υ20 | 20 ₹21 | 20중05 | 18≈05 | 16¥15 | 16 Y 21 | 21 ₮ 17 | 20궁59 | 19≈01 | 17 X 13 | 17Ƴ22 |
| 17S | 19 ₹ 38 | 19중32 | 17≈27 | 15 ¥ 22 | 15 ℃ 17 | 20 ₹ 34 | 20중26 | 18≈22 | 16 ₩ 20 | 16℃17 | 21 🗷 30 | 21320 | 19≈17 | 17 ∺ 18 | 17Υ18 |
| 18S | 19 🗷 51 | 19중53 | 17≈43 | 15 × 27 | 15Υ13 | 20 🗷 47 | 20중46 | 18≈38 | 16 × 25 | 16 7 14 | 21 🗷 43 | 21340 | 19≈33 | 17 × 23 | 17Y14 |
| 19S | 20 ₹ 04 | 20궁14 | 18≈00 | 15 X 33 | 15 ℃ 10 | 21 🗷 00 | 21궁07 | 18≈55 | 16 ¥ 30 | 16 ℃ 10 | 21 ₹ 56 | 22중01 | 19≈49 | 17 X 28 | 17 Y 10 |
| 20S | 20 🗷 18 | 20중35 | 18≈17 | 15 × 38 | 15Υ06 | 21 🗷 14 | 21328 | 19≈11 | 16 × 36 | 16Υ06 | 22 🗷 10 | 22322 | 20≈06 | 17 × 33 | 17 Y 06 |
| 21S 22S | 20 ₹31 20 ₹45 | 20 궁 56 21 궁 18 | 18≈34 18≈51 | 15 X 44 15 X 50 | 15 ° 03 14 ° 59 | 21 🗷 27 21 🗷 41 | 21 궁 50 22 궁 11 | 19≈28 19≈45 | 16 X 41 16 X 46 | 16 Y 02 15 Y 59 | 22 x 23 22 x 37 | 22 궁 43 23 궁 04 | 20≈22 20≈38 | 17 ¥ 38 17 ¥ 42 | 17Υ02 16Υ58 |
| 23S | 20×43 | 21339 | 19≈08 | 15 X 55 | 14 Y 55 | 21 🗷 55 | 22 공 32 | 19≈43 20≈01 | 16 X 51 | 15 Y 55 | 22 × 51 | 23·30·4 23·325 | 20≈55 20≈55 | 17 X 47 | 16 Y 54 |
| 24S | 21 🗷 14 | 22중01 | 19≈25 | 16 × 01 | 14Y52 | 22 ∡ 10 | 22중54 | 20≈18 | 16 X 56 | 15Y51 | 23 ₹ 06 | 23347 | 21≈11 | 17 X 52 | 16Y50 |
| 25S | 21 ₹ 28 | 22323 | 19≈42 | 16 X 06 | 14Ƴ48 | 22 ₹ 24 | 23중16 | 20≈35 | 17 X 02 | 15 Ƴ 47 | 23 ₹ 20 | 24궁09 | 21≈28 | 17 X 57 | 16 Y 46 |
| 26S | 21 🗷 43 | 22346 | 20≈00 | 16 X 12 | 14℃44 | 22 ₹ 39 | 23중38 | 20≈52 | 17 × 07 | 15Υ43 | 23 ₹ 35 | 24331 | 21≈44 | 18 × 02 | 16Y42 |
| 27S | 21 ∡ 58 | 23중08 | 20≈17 | 16 X 18 | 14Ƴ41 | 22 ∡ 54 | 24중01 | 21≈09 | 17 ∺ 12 | 15Ƴ39 | 23 ∡ 50 | 24궁53 | 22≈01 | 18 ∺ 07 | 16 Y 37 |
| 288 | 22 🗷 14 | 23중31 | 20≈34 | 16 × 23 | 14°737 | 23 🗷 10 | 24324 | 21≈26 | 17 X 17 | 15Υ35 | 24 🗷 06 | 25중16 | 22≈18 | 18 X 12 | 16Υ33 |
| 29S | 22 ₹ 29 | 23중55 | 20≈52 | 16 ∺ 29 | 14Ƴ33 | 23 ₹ 25 | 24중47 | 21≈43 | 17 ∺ 23 | 15Ƴ31 | 24 ₹ 21 | 25중38 | 22≈35 | 18 X 17 | 16℃29 |
| 30S | 22 🗷 45 | 24318 | 21≈10 | 16 × 35 | 14 729 | 23 🗷 41 | 25중10 | 22≈00 | 17 × 28 | 15 ℃ 27 | 24 🗷 37 | 26중02 | 22≈51 | 18 ¥ 22 | 16Y25 |
| 31S 32S | 23 ∡ 02 23 ∡ 19 | 24중42 25중06 | 21≈27 21≈45 | 16 X 40 16 X 46 | 14 ° 25 14 ° 21 | 23 ∡ 58 24 ∡ 15 | 25 군 34 25 군 58 | 22≈18 22≈35 | 17 ¥ 33 17 ¥ 39 | 15 ° 23 15 ° 19 | 24 ₹ 54 25 ₹ 10 | 26 궁 25 26 궁 49 | 23≈09 23≈26 | 18 X 27 18 X 32 | 16Υ20 16Υ16 |
| 33S | 23 × 36 | 25중31 | 22≈03 | 16 X 52 | 14Y18 | 24×13 | 26 공 22 | 22≈53 22≈53 | 17 X 44 | 15Υ14 | 25 × 10 | 27 공 13 | 23≈43 | 18 X 37 | 16Υ11 |
| 34S | 23 ₹ 53 | 25중56 | 22≈21 | 16 ∺ 58 | 14Ƴ13 | 24 द 49 | 26중47 | 23≈11 | 17 ∺ 50 | 15 ℃ 10 | 25 ₹ 45 | 27중37 | 24≈01 | 18 ∺ 42 | 16 Y 07 |
| 35S | 24×11 | 26중21 | 22≈40 | 17 X 04 | 14 Y 09 | 25 ∡ 07 | 27중12 | 23≈29 | 17 X 55 | 15 Y 06 | 26 ₹ 03 | 28중02 | 24≈18 | 18 X 47 | 16Y02 |
| 36S | 24 ∡ 30 | 26중47 | 22≈58 | 17 X 10 | 14℃05 | 25 х 26 | 27337 | 23≈47 | 18 ∺ 01 | 15℃01 | 26 ₹ 21 | 28중28 | 24≈36 | 18 X 52 | 15 Υ 57 |
| 37S | 24 ∡ 49 | 27ਰ13 | 23≈17 | 17 X 16 | 14Ƴ01 | 25 ∡ 45 | 28중03 | 24≈06 | 18 ∺ 07 | 14Ƴ57 | 26 ∡ 40 | 28중53 | 24≈54 | 18 × 57 | 15 Y 53 |
| | 25 ₹ 08 | | 23≈36 | | | | | 24≈24 | | | 27×00 | | 25≈12 | | 15°Y48 |
| 39S | 25 ₹ 28 | 28중07 | 23≈56 | 17 X 28 | 13 ℃ 52 | 26 ₹ 24 | 28궁57 | 24≈43 | 18 ∺ 18 | 14Ƴ48 | 27 ₹ 20 | 29중46 | 25≈31 | 19 ₩ 08 | 15 Y 43 |
| 40S | 25 ₹ 49 | 28중35 | 24≈15 | 17 × 34 | 13 ℃ 48 | 26 🗷 45 | 29중24 | 25≈02 | 18 ¥ 24 | 14Υ43 | 27 × 40 | 0≈13 | 25≈49 | 19 X 14 | 15 Y 38 |
| 41S 42S | 26 ₹ 10 26 ₹ 32 | 29 중 04 29 중 33 | 24≈35 24≈55 | 17 X 41 17 X 47 | 13 Y 43 13 Y 39 | 27 ₹ 06 27 ₹ 28 | 29⋜52 0≈21 | 25≈22 25≈41 | 18 ¥ 30 18 ¥ 36 | 14 \mathcal{Y} 38 14 \mathcal{Y} 33 | 28 × 01 28 × 23 | 0≈41 1≈10 | 26≈08 26≈28 | 19 X 19 19 X 25 | 15Υ33 15Υ28 |
| 43S | 26 x 55 | 0≈02 | 25≈15 | 17 X 54 | 13 Y 34 | 27 x 28 27 x 50 | 0≈21 | 25≈41 26≈01 | 18 X 42 | 14 Y 28 | 28 × 25 28 × 46 | 1≈10 | 26≈28 26≈47 | 19 X 30 | 15 Y 22 |
| 44S | 27 ₹ 18 | 0≈33 | 25≈36 | 18 × 00 | 13Υ29 | 28×14 | 1≈20 | 26≈21 | 18 × 48 | 14Υ23 | 29 🗷 09 | 2≈08 | 27≈07 | 19 X 36 | 15 Y 17 |
| 45S | 27 द 42 | 1≈04 | 25≈57 | 18 × 07 | 13 ℃ 24 | 28 ∡ 38 | 1≈51 | 26≈42 | 18 ¥ 54 | 14 Y 18 | 29 ₹ 33 | 2≈38 | 27≈27 | 19 X 42 | 15 Y 11 |
| 46S | 28 ₹ 07 | 1≈35 | 26≈18 | 18 X 14 | 13Y19 | 29 ₹ 03 | 2≈22 | 27≈03 | 19 × 01 | 14Υ13 | 29 ₹ 58 | 3≈09 | 27≈47 | 19 X 48 | 15Y06 |
| 47S | 28 ₹ 33 | 2≈08 | 26≈40 | 18 ∺ 21 | 13 ℃ 14 | 29 ₹ 29 | 2≈55 | 27≈24 | 19 ∺ 07 | 14℃07 | 0중24 | 3≈41 | 28≈08 | 19 X 54 | 15Y00 |
| 48S | 29 🗷 01 | 2≈41 | 27≈02 | 18 ¥ 28 | 13Υ09 | 29 🗷 56 | 3≈28 | 27≈46 | 19 X 14 | 14Υ01 | 0중51 | 4≈14 | 28≈29 | 20 × 00 | 14Υ54 |
| 49S | 29 ₹ 29 | 3≈16 | 27≈24 | 18 X 35 | 13 ℃ 04 | 0중24 | 4≈01 | 28≈08 | 19¥21 | 13 ℃ 56 | 1319 | 4≈47 | 28≈51 | 20 X 06 | 14Υ48 |
| 50S | 29 🗷 58 | 3≈51 | 27≈47 | 18 × 42 | 12°758 | 0중53 | 4≈36 | 28≈30 28 52 | 19 X 27 | 13 Y 50 | 1정48 | 5≈22 | 29≈13 | 20 X 12 | 14°Y42 |
| 51S 52S | 0중28 1중00 | 4≈27 5≈04 | 28≈11 28≈35 | 18 X 50 18 X 57 | 12 Υ 52 12 Υ 46 | 1중23 1중55 | 5≈12 5≈49 | 28≈53 29≈16 | 19 X 34 19 X 41 | 13 Y 44 13 Y 37 | 2정18 2정49 | 5≈57 6≈33 | 29≈35 29≈58 | 20 X 19 20 X 26 | 14 Y 35 14 Y 28 |
| 52S 53S | 1834 | 5≈04 5≈43 | 28≈59 28≈59 | 18 X 37 | $12^{\circ}46$ $12^{\circ}40$ | 1533 2 중 28 | 5≈49 | 29≈16 29≈40 | 19 X 41 | 13°737 | 3 중 22 | 0≈33 7≈10 | 29≈38 0 X 21 | 20 X 26 20 X 32 | $14^{\circ}/28$ $14^{\circ}/22$ |
| 54S | 2809 | 6≈22 | 29≈24 | 19 X 13 | 12 Y 34 | 3중03 | 7≈06 | 0 × 05 | 19 X 56 | 13 Y 24 | 3중57 | 7≈49 | 0 X 45 | 20 X 39 | 14Y15 |
| 55S | 2점45 | 7≈03 | 29≈50 | 19 X 21 | 12Ƴ28 | 3중39 | 7≈46 | 0 X 30 | 20 X 04 | 13 Y 18 | 4중33 | 8≈29 | 1 X 10 | 20 X 46 | 14 ⋎ 07 |
| 56S | 3 ਰ 24 | 7≈45 | 0 X 16 | 19 ∺ 30 | 12Y21 | 4공17 | 8≈27 | 0 X 55 | 20 X 12 | 13 Y 10 | 5ਰ11 | 9≈09 | 1 X 35 | 20 X 54 | 14Y00 |
| 57S | 4궁04 | 8≈29 | 0 ¥ 43 | 19 X 38 | 12Ƴ14 | 4궁57 | 9≈10 | 1 X 22 | 20 ∺ 20 | 13 ℃ 03 | 5중51 | 9≈52 | 2 X 00 | 21 X 01 | 13 ⋎ 52 |
| 58S | 4 공 47 | 9≈14 | 1 X 11 | 19 X 47 | 12°07 | 5정40 | 9≈54 | 1 X 49 | 20 ¥ 28 | 12Υ56 | 6중33 | 10≈35 | 2 X 27 | 21 × 09 | 13 Y 44 |
| 59S | 5중31 | 10≈00 | 1 X 39 | 19 X 56 | 12 Y 00 | 6중24 | 10≈40 | 2 X 16 | 20 ¥ 36 | 12Υ48 | 7중17 | 11≈20 | 2 X 54 | 21 X 17 | 13Υ36 |
| 60S | 6 궁 19 | 10≈48 | 2 × 08 | 20 × 05 | 11°752 | 7중11 | 11≈28 | 2 X 45 | 20 X 45 | 12Υ40 | 8중04 | 12≈07 | 3 × 22 | 21 ¥ 25 | 13°27 |
| 61S 62S | 7 さ 09 8 さ 02 | 11≈38 12≈30 | 2 ¥ 38 3 ¥ 09 | 20 X 15 20 X 25 | 11 ° 44 11 ° 36 | 8 궁 01 8 궁 54 | 12≈17 13≈08 | 3 X 14 3 X 44 | 20 \times 54 21 \times 03 | 12 \gamma 31 12 \gamma 22 | 8 궁 53 9 궁 45 | 12≈56 13≈46 | 3 X 50 4 X 19 | 21 ¥ 33 21 ¥ 41 | 13 Y 18 13 Y 09 |
| 63S | 8 당 59 | 12≈30 | 3 X 40 | 20 X 25 20 X 35 | 11 Y 30 | 9중50 | 13≈08 14≈01 | 4 X 15 | 21 X 03 21 X 13 | 12 Y 22 12 Y 13 | 10 공 41 | 13≈46 | 4 X 19 | 21 X 41 21 X 50 | 13 Y 09 |
| 64S | 10중00 | 14≈20 | 4 X 13 | 20 × 46 | 11 γ 18 | 10공50 | 14≈56 | 4 X 47 | 21 X 23 | 12 γ 13 | 11340 | 15≈32 | 5 X 21 | 21 X 59 | 12 Y 48 |
| 65S | 11궁04 | 15≈18 | 4 X 47 | 20 X 57 | 11Ƴ09 | 11공54 | 15≈53 | 5 ¥ 20 | 21 X 33 | 11 Y 53 | 12343 | 16≈28 | 5 X 53 | 22 X 09 | 12 Y 38 |
| 66S | 12중13 | 16≈18 | 5 ¥ 22 | 21 × 08 | 10℃59 | 13중02 | 16≈52 | 5 X 54 | 21 X 43 | 11 Y 43 | 13851 | 17≈27 | 6 × 26 | 22 X 19 | 12Y27 |
| pc | 12ਰ54 | 16≈53 | 5 ¥ 42 | 21 X 14 | 10℃53 | 13중42 | 17≈27 | 6 ¥ 13 | 21 X 49 | 11Ƴ37 | 14중31 | 18≈01 | 6¥45 | 22 X 24 | 12 Y 20 |
| | tions are | | | | | | | | | | 1.001 | | 27.15 | /. 2 ! | |

| | Sid.Tir 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 |
| 0S | 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 Ƴ 38 |
| 1S | 19∡09 | 16궁55 | 15≈49 | 17 X 02 | 19Ƴ25 | 20 ₮ 05 | 17중51 | 16≈49 | 18 ¥ 06 | 20℃29 | 21 ₮ 00 | 18중47 | 17≈50 | 19 X 11 | 21 ℃ 33 |
| 2S | 19 🗷 21 | 17중15 | 16≈06 | 17 × 07 | 19℃21 | 20 🗷 16 | 18811 | 17≈06 | 18 | 20Υ25 | 21 🗷 12 | 19중07 | 18≈06 | 19 X 15 | 21Y28 |
| 3S 4S | 19 ₹33 19 ₹45 | 17중35 17중55 | 16≈24 16≈40 | 17 X 12 17 X 17 | 19 Υ 17 19 Υ 13 | 20 ₹ 28 20 ₹ 40 | 18 궁 31 18 궁 50 | 17≈23 17≈40 | 18 ¥ 16 18 ¥ 20 | 20 Y 20 20 Y 16 | 21 × 24 21 × 36 | 19 궁 27 19 궁 46 | 18≈23 18≈39 | 19 X 19 19 X 23 | 21 Y 24 21 Y 19 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 19 ₹ 57 20 ₹ 08 | 18 궁 15 18 궁 34 | 16≈57 17≈14 | 17 ¥ 21 17 ¥ 26 | 19 ⋎ 08 19 ⋎ 04 | 20 ₹ 52 21 ₹ 04 | 19 궁 10 19 궁 30 | 17≈56 18≈13 | 18 ¥ 24 18 ¥ 29 | 20 Y 11 20 Y 07 | 21 x 47 21 x 59 | 20 궁 06 20 궁 25 | 18≈55 19≈11 | 19 ¥ 27 19 ¥ 31 | 21 Y 14 21 Y 10 |
| 7S | 20 x 08 20 x 20 | 18 공 54 | 17≈14 | 17 X 20 | 19 Y 04 19 Y 00 | 21 x 04 21 x 16 | 19830 | 18≈13 | 18 X 29 | 20 Y 07 | 21 x· 39 22 x 12 | 20 8 23 20 8 45 | 19≈11 | 19 X 31 | 21 Y 10 21 Y 05 |
| 8S | 20 x 20 20 x 33 | 19중14 | 17≈47 | 17 × 36 | 18Y56 | 21 🗷 28 | 20중09 | 18≈45 | 18 X 37 | 19Υ58 | 22 🗷 24 | 21중04 | 19≈43 | 19 X 39 | 21 γ 01 |
| 9S | 20 х 45 | 19궁34 | 18≈03 | 17 ∺ 40 | 18Ƴ52 | 21 ∡ 40 | 20궁29 | 19≈01 | 18 | 19か54 | 22 ₹ 36 | 21궁24 | 19≈59 | 19 × 43 | 20Y56 |
| 10S | 20 ∡ 57 | 19궁53 | 18≈20 | 17 X 45 | 18Ƴ48 | 21 ∡ 53 | 20중48 | 19≈17 | 18 X 46 | 19 Y 50 | 22 × 48 | 21343 | 20≈15 | 19 X 47 | 20Y52 |
| 11S | 21 ∡ 09 | 20중13 | 18≈36 | 17 ¥ 50 | 18Ƴ43 | 22 ₮ 05 | 21중08 | 19≈33 | 18 X 50 | 19Ƴ45 | 23 ₮ 00 | 22중03 | 20≈30 | 19 X 51 | 20 ℃ 47 |
| 12S | 21 🗷 22 | 20중33 | 18≈52 | 17 X 54 | 18Ƴ39 | 22 ∡ 17 | 21328 | 19≈49 | 18 X 54 | 19Ƴ41 | 23 🗷 13 | 22323 | 20≈46 | 19 X 55 | 20℃42 |
| 13S | 21 🗷 34 | 20중53 | 19≈08 | 17 X 59 | 18 Y 35 | 22 🗷 30 | 21348 | 20≈05 20 20 | 18 X 59 | 19 Y 37 | 23 🗷 25 | 22842 | 21≈01 | 19 X 58 | 20Y38 |
| 14S | 21 🗷 47 | 21313 | 19≈24 | 18 X 03 | 18Ƴ31 | 22 🗷 42 | 22중08 | 20≈20 | 19 X 03 | 19 ℃ 32 | 23 🗷 38 | 23중02 | 21≈17 | 20 ₩ 02 | 20 Y 33 |
| 15S | 22 🗷 00 | 21중33 | 19≈40 | 18 × 08 | 18 ° 27 | 22 🛪 55 | 22328 | 20≈36 20≈52 | 19 X 07 | 19Υ28 | 23 🗷 51 | 23 云 22 | 21≈32 | 20 × 06 | 20Υ29 |
| 16S 17S | 22 ₹ 12 22 ₹ 25 | 21궁53 22궁14 | 19≈56 20≈12 | 18 X 12 18 X 17 | 18 Y 23 18 Y 19 | 23 × 08 23 × 21 | 22 공 48 23 공 08 | 20≈52 21≈08 | 19 X 11 19 X 15 | 19 Y 23 | 24 × 04 24 × 17 | 23정42 24정02 | 21≈48 22≈03 | 20 X 10 20 X 14 | 20°24 20°19 |
| 17S | 22 x 39 | 22834 | 20≈12 | 18 X 21 | 18 Y 14 | 23 x 21 23 x 34 | 23 중 28 | 21≈08 21≈23 | 19 X 13 | 19Υ15 | 24 x · 17 24 x · 30 | 24802 | 22≈03 22≈18 | 20 X 14 | 20 Y 15 |
| 19S | 22 ₹ 52 | 22중55 | 20≈44 | 18 × 26 | 18 Y 10 | 23 ₹ 48 | 23~348 | 21≈39 | 19 X 23 | 19Y10 | 24 × 43 | 24342 | 22≈34 | 20 X 21 | 20 Y 10 |
| 20S | 23 ∡ 06 | 23중15 | 21≈00 | 18 X 30 | 18Ƴ06 | 24 ₮ 01 | 24궁09 | 21≈55 | 19 X 27 | 19 Y 06 | 24 ₹ 57 | 25중02 | 22≈49 | 20 X 25 | 20Y06 |
| 21S | 23 द 19 | 23중36 | 21≈16 | 18 X 35 | 18 ⋎ 02 | 24 द 15 | 24중30 | 22≈10 | 19 X 32 | 19 Y 01 | 25 ₹ 11 | 25중23 | 23≈04 | 20 X 28 | 20Y01 |
| 22S | 23 ∡ 33 | 23중57 | 21≈32 | 18 X 39 | 17Ƴ58 | 24 ₮ 29 | 24궁50 | 22≈26 | 19 X 36 | 18 Ƴ 57 | 25 ₹ 24 | 25중44 | 23≈20 | 20 X 32 | 19 Y 56 |
| 23S | 23 🗷 47 | 24318 | 21≈48 | 18 X 44 | 17Υ53 | 24 🗷 43 | 25312 | 22≈42 22 57 | 19 X 40 | 18 Y 52 | 25 🗷 39 | 26중05 | 23≈35 | 20 × 36 | 19Υ51 |
| 24S | 24 ₹ 02 | 24340 | 22≈04 | 18 ¥ 48 | 17Ƴ49 | 24 ₹ 57 | 25중33 | 22≈57 | 19 X 44 | 18℃48 | 25 ₹ 53 | 26중26 | 23≈51 | 20 ★ 40 | 19Υ47 |
| 25S | 24 🗷 16 | 25중01 | 22≈20 | 18 X 52 | 17 ° 45 | 25 🗷 12 | 25354 | 23≈13 | 19 × 48 | 18°Y 43 | 26 🗷 07 | 26347 | 24≈06 | 20 X 43 | 19Υ42 |
| 26S 27S | 24 ₹31 24 ₹46 | 25중23 25중45 | 22≈37 22≈53 | 18 X 57 19 X 02 | 17 Y 40 17 Y 36 | 25 ₹ 27 25 ₹ 42 | 26 궁 16 26 궁 38 | 23≈29 23≈45 | 19 X 52 19 X 56 | 18 \(\cdot 39 \) 18 \(\cdot 34 \) | 26 ₹ 22 26 ₹ 37 | 27 궁 08 27 궁 30 | 24≈22 24≈37 | 20 X 47 20 X 51 | 19 \mathbb{\gamma}37 \\ 19 \mathbb{\gamma}32 |
| 28S | 25 × 02 | 26중08 | 23≈09 | 19 X 02 | 17 Y 30 | 25 x 57 | 27중00 | 23≈43 24≈01 | 20 × 00 | 18 Y 29 | 26 × 57 | 27 공 52 | 24≈57 24≈53 | 20 X 55 | $19 \Upsilon 32$ |
| 29S | 25 ₹ 17 | 26중30 | 23≈26 | 19 X 11 | 17℃27 | 26 ₹ 13 | 27822 | 24≈17 | 20 × 05 | 18Y25 | 27 ₹ 08 | 28314 | 25≈09 | 20 X 59 | 19Υ22 |
| 30S | 25 ₹ 33 | 26중53 | 23≈43 | 19 X 15 | 17Ƴ22 | 26 ₹ 29 | 27345 | 24≈34 | 20 X 09 | 18Y20 | 27 ₹ 24 | 28중36 | 25≈25 | 21 X 02 | 19 Y 17 |
| 31S | 25 ₹ 50 | 27중16 | 23≈59 | 19 × 20 | 17 ⋎ 18 | 26 ∡ 45 | 28중08 | 24≈50 | 20 X 13 | 18 Y 15 | 27 ₹ 41 | 28궁59 | 25≈41 | 21 X 06 | 19Υ12 |
| 32S | 26 ₮ 06 | 27중40 | 24≈16 | 19 X 24 | 17Ƴ13 | 27 ₮ 02 | 28중31 | 25≈06 | 20 X 17 | 18 Y 10 | 27 ₺ 57 | 29중22 | 25≈57 | 21 X 10 | 19 Y 07 |
| 33S | 26 🗷 23 | 28304 | 24≈33 | 19 × 29 | 17Υ08 | 27 🗷 19 | 28355 | 25≈23 | 20 ** 22 | 18Υ05 | 28 🗷 14 | 29346 | 26≈13 | 21 × 14 | 19Υ02 |
| 34S | 26 ₹ 41 | 28중28 | 24≈50 | 19 X 34 | 17℃03 | 27 ∡ 36 | 29중19 | 25≈40 | 20 X 26 | 18℃00 | 28 🗷 32 | 0≈09 | 26≈29 | 21 X 18 | 18℃56 |
| 35S | 26 × 59 | 28중53 | 25≈07 | 19 X 39 | 16°758 | 27 × 54 | 29343 | 25≈57 | 20 ¥ 30 | 17Υ55 | 28 🗷 50 | 0≈34 | 26≈46 | 21 X 22 | 18Y51 |
| 36S 37S | 27 ∡ 17 27 ∡ 36 | 29 중 18 29 중 43 | 25≈25 25≈43 | 19 X 43 19 X 48 | 16 Υ 54 16 Υ 48 | 28 × 13 28 × 31 | 0≈08 0≈33 | 26≈14 26≈31 | 20 \times 35 20 \times 39 | 17 Υ 50 | 29 ₹ 08 29 ₹ 27 | 0≈58 1≈23 | 27≈03 27≈20 | 21 ¥ 26 21 ¥ 30 | 18 Ƴ 45 18 Ƴ 40 |
| | 27 x 55 | | 25≈43 | | 16 Y 43 | | 0≈59 | | 1 | 17 Υ 39 | | | | 21 X 34 | 18 Y 34 |
| 39S | 28 ∡ 15 | 0≈36 | 26≈18 | 19 X 58 | 16Ƴ38 | 29 ₮ 10 | 1≈25 | 27≈06 | 20 X 48 | 17 Y 33 | 0중06 | 2≈14 | 27≈54 | 21 X 38 | 18 Ƴ 28 |
| 40S | 28 ∡ 36 | 1≈02 | 26≈37 | 20 X 03 | 16Ƴ33 | 29 ∡ 31 | 1≈51 | 27≈24 | 20 X 53 | 17 Y 28 | 0중26 | 2≈40 | 28≈11 | 21 X 42 | 18 Y 23 |
| 41S | 28 ∡ 57 | 1≈30 | 26≈55 | 20 × 08 | 16℃27 | 29 ∡ 52 | 2≈19 | 27≈42 | 20 X 57 | 17 Y 22 | 0중47 | 3≈07 | 28≈29 | 21 X 47 | 18 Y 17 |
| 42S | 29 ₹ 18 | 1≈58 | 27≈14 | 20 X 13 | 16℃22 | 0중14 | 2≈46 | 28≈01 | 21 X 02 | 17 ⋎ 16 | 1 日 08 | 3≈35 | 28≈47 | 21 X 51 | 18 Y 11 |
| 43S | 29 🗷 41 | 2≈27 | 27≈33 | 20 X 19 | 16Υ16 | 0중36 | 3≈15 | 28≈19 | 21 X 07 | 17Υ10 | 1공31 | 4≈03 | 29≈05 | 21 X 55 | 18Y04 |
| 44S | 0중04 | 2≈56 | 27≈52 | 20 X 24 | 16 ℃ 11 | 0중59 | 3≈43 | 28≈38 | 21 X 12 | 17Υ04 | 1354 | 4≈31 | 29≈24 | 22 X 00 | 17Υ58 |
| 45S 46S | 0중28 0중53 | 3≈26 3≈56 | 28≈12 28≈32 | 20 \times 29 20 \times 35 | 16 ° 05 15 ° 59 | 1중23 1중48 | 4≈13 4≈43 | 28≈57 29≈17 | 21 X 17 21 X 22 | 16 Y 58 | 2정18 2정42 | 5≈00 5≈30 | 29≈42 0¥01 | 22 \times 04 22 \times 09 | 17\dagger51 |
| 46S 47S | 1 日 19 | 3≈36 4≈28 | 28≈32 28≈52 | 20 X 35 20 X 40 | 15°7′59 15°7′53 | 1648 2중13 | 4≈43 5≈14 | 29≈17 29≈37 | 21 X 22 21 X 27 | 16 Y 52 16 Y 45 | 2 6 42 3 6 08 | 5≈30 6≈01 | 0 X 01 0 X 21 | 22 X 09 22 X 13 | 17°7'45 17°7'38 |
| 48S | 1845 | 5≈00 | 29≈13 | 20 X 46 | 15Υ46 | 2 3 40 | 5≈46 | 29≈57 | 21 X 32 | 16 Y 39 | 3 3 34 | 6≈32 | 0 X 40 | 22 X 18 | 17 Y 31 |
| 49S | 2ਵ13 | 5≈33 | 29≈34 | 20 X 52 | 15Ƴ40 | 3중07 | 6≈19 | 0 ∺ 17 | 21 X 37 | 16 Y 32 | 4중02 | 7≈04 | 1 ∺ 01 | 22 X 23 | 17 ℃ 24 |
| 50S | 2842 | 6≈07 | 29≈56 | 20 X 58 | 15Ƴ33 | 3중36 | 6≈52 | 0 | 21 X 43 | 16 Y 25 | 4중30 | 7≈37 | 1 ∺ 21 | 22 X 28 | 17 Y 17 |
| 51S | 3동12 | 6≈42 | 0 | 21 X 04 | 15Ƴ26 | 4궁06 | 7≈26 | 1 X 00 | 21 X 48 | 16 Y 18 | 5중00 | 8≈11 | 1 X 42 | 22 X 33 | 17 Y 09 |
| 52S | 3 공 43 | 7≈17 | 0 X 40 | 21 ¥ 10 | 15 19 | 4중37 | 8≈02 | 1 X 21 | 21 X 54 | 16 7 10 | 5중31 | 8≈46 | 2 ¥ 03 | 22 ¥ 38 | 17Y01 |
| 53S | 4 궁 16 | 7≈54 8≈32 | 1 ¥ 03 | 21 X 16 21 X 22 | 15 Y 12 15 Y 05 | 5 궁 10 | 8≈38 9≈15 | 1 X 44 2 X 06 | 22 ¥ 00 22 ¥ 05 | 16 Y 03 | 6 중 03 | 9≈21 9≈58 | 2 X 25 | 22 X 43 22 X 48 | 16 Y 53 |
| 548 | 4 궁 50 | | 1 X 26 | | | 5344 | 9≈15 | | | | 6중37 | 9≈58 | 2 X 47 | | |
| 55S 56S | 5 궁 26 6 궁 04 | 9≈11 9≈51 | 1 X 50 2 X 14 | 21 ¥ 29 21 ¥ 36 | 14 Υ 57 14 Υ 49 | 6 궁 20 6 궁 57 | 9≈54 10≈33 | 2 ¥ 30 2 ¥ 54 | 22 ¥ 11 22 ¥ 18 | 15 ° 47 15 ° 38 | 7정13 7정50 | 10≈36 11≈15 | 3 X 10 3 X 33 | 22 X 54 23 X 00 | 16 Y 36 |
| 57S | 6 공 44 | 10≈33 | 2 X 14 | 21 X 30 21 X 42 | 14 Y 49 14 Y 41 | 7중36 | 10≈33 | 3 X 18 | 22 X 18 | 15 Y 30 | 8 국 29 | 11≈13 | 3 X 57 | 23 X 05 | 16 Y 18 |
| 58S | 7중25 | 11≈16 | 3 ¥ 05 | 21 X 49 | 14Y32 | 8중18 | 11≈57 | 3 × 43 | 22 ¥ 30 | 15 Y 21 | 9중10 | 12≈37 | 4¥21 | 23 X 11 | 16Y09 |
| 59S | 8 궁 09 | 12≈01 | 3 ∺ 31 | 21 X 57 | 14Ƴ23 | 9중01 | 12≈41 | 4 ∺ 09 | 22 X 37 | 15Ƴ11 | 9중53 | 13≈21 | 4 X 46 | 23 X 17 | 15 Υ 59 |
| 60S | 8궁55 | 12≈47 | 3 X 58 | 22 X 04 | 14Ƴ14 | 9궁47 | 13≈26 | 4 ∺ 35 | 22 X 44 | 15 Y 02 | 10중38 | 14≈05 | 5 ∺ 12 | 23 X 23 | 15Ƴ49 |
| 61S | 9 궁 44 | 13≈34 | 4¥26 | 22 X 12 | 14Ƴ05 | 10중36 | 14≈13 | 5 ¥ 02 | 22 X 51 | 14 Y 52 | 11중27 | 14≈51 | 5 X 39 | 23 X 30 | 15Ƴ38 |
| 62S | 10중36 | 14≈24 | 4 ¥ 55 | 22 ¥ 20 | 13 ℃ 55 | 11중27 | 15≈01 | 5 ¥ 30 | 22 ¥ 58 | 14°Y41 | 12중18 | 15≈39 | 6¥06 | 23 ¥ 36 | 15 Y 27 |
| 63S | 11 る 31 | 15≈15 | 5 X 24 | 22 ¥ 28 | 13 Y 44 | 12322 | 15≈52 16×44 | 5 X 59 | 23 X 05 | 14 7 30 | 13312 | 16≈29 | 6 X 34 | 23 X 43 | 15Y16 |
| 648 | 12330 | 16≈08 | 5 X 55 | 22 ¥ 36 | 13 ° 34 | 13320 | 16≈44 | 6 X 29 | 23 X 13 | 14Υ19 | 14궁09 | 17≈20 | 7¥03 | 23 ¥ 50 | 15Υ04 |
| 65S | 13중33 14중39 | 17≈04 | 6 ¥ 26 | 22 X 45 22 X 54 | 13 Y 22 13 Y 10 | 14중22 15중28 | 17≈39 | 6 X 59 | 23 X 21 23 X 29 | 14 Y 07 13 Y 54 | 15중10 | 18≈14 19≈10 | 7 X 33 | 23 X 57 | 14 Y 51 14 Y 38 |
| 66S pc | 14も39 15 る 19 | 18≈01 18≈34 | 6 X 59 7 X 17 | 22 X 54 22 X 59 | 13°7′10 13°7′04 | 15~528 16~507 | 18≈35 19≈08 | 7 X 31 7 X 49 | 23 X 29 23 X 34 | 13°7'54 13°7'47 | 16궁16 16궁54 | 19≈10 | 8 X 03 8 X 21 | 24 \times 05 24 \times 09 | 14 \ \gamma 38 |
| P* | 017 | 10.0.07 | , , , , , , , | 1(3) | 15 1 07 | 10007 | 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , ,, ,, | N 3- | 15 1 77 | 1.0007 | 1,7,4,72 | UN21 | 2.7.07 | 1.,51 |

| Lat | h32m <i>A</i> m20'28 | ARMC: | 233°00' |
|--|-------------------------|--------------------|-----------------------------------|
| 18 | Asc | 2 | 3 |
| 18. 18. 22. 22. 22. 23. 23. 20. 23. 20. 23. 20. 23. 24. 23. | 5 20≈36 | 22 X 22 | 24 ℃ 49 |
| 188 22.419 20622 19862 20423 22772 23.414 21818 20823 21470 22752 24.425 22685 22.455 21621 208410 20434 22771 23.476 23.450 21.450 21.450 21.450 23.450 23.451 23.450 | 5 20≈52 | 22 X 25 | 24Ƴ44 |
| May 1969 1969 1967 1969 1967 1967 1969 1 | | | |
| Section Color | | | 24Y33 |
| 68 22.#55 21.51 20.m6 20.83 22.776 24.76 23.676 21.809 21.837 23.716 24.746 23.58 23.819 22.800 20.842 20.441 22.7763 24.741 22.555 21.840 21.143 23.705 25.710 23.818 23.831 22.819 20.857 20.445 21.755 24.439 23.815 22.815 21.446 23.705 25.434 22.818 23.856 22.838 21.812 20.448 21.753 24.439 23.835 22.825 21.143 22.775 23.814 22.815 21.445 23.705 25.447 24.815 23.835 23.817 24.841 23.835 23.831 23.835 23.831 23.835 23.831 23.835 | 4 21≈38 | 22 X 34 | 24 ℃ 28 |
| 18 S 23 ± 90 21 ± 40 20 ± 60 20 ± 81 22 ± 90 24 ± 20 24 ± 20 22 ± 20 20 ± 20 20 ± 20 20 ± 20 20 ± 20 20 ± 20 22 ± 20 23 ± 20 21 ± 20 22 ± 20 2 | | | 24 ℃ 23 |
| 88 23#919 22500 20m42 20H441 22703 24#14 22555 21m40 21H46 23700 25#22 248 98 23#34 22818 21m21 20m48 21773 24#39 23834 22m10 21m49 22755 23#34 24834 24834 24831 23m34 22m10 25#34 24m34 22m55 21m39 22m35 22m20 21m34 22m50 21m34 22m50 21m34 22m35 22m20 21m34 22m50 21m34 22m50 21m32 22m20 21m34 22m35 22m35 21m32 22m31 22m35 21m32 22m31 22m35 21m32 22m31 22m35 21m32 22m35 21m32 22m35 22m30 22m35 21m32 22m35 22m30 22m35 21m32 22m35 22m30 22m35 22m30 <th></th> <th></th> <th></th> | | | |
| 198 | | | 24 Y 12 24 Y 07 |
| 108 | | | |
| 118 | | | |
| 128 24 #08 23 #07 21 #043 20 #55 21 #04 25 #04 24 #051 22 #055 21 #055 22 #055 23 #056 24 #051 23 #057 22 #051 25 #056 24 #051 23 #057 22 #051 25 #056 24 #051 23 #057 24 #051 25 #056 24 #051 23 #057 24 #051 25 #056 26 #057 26 | | | |
| 138 | | | |
| 185 | 5 23≈52 | | 23 ℃ 41 |
| 165 | 5 24≈07 | 23 X 01 | 23 ℃ 36 |
| 178 | 5 24≈21 | 23 X 04 | 23 Y 31 |
| 188 25.87.25 25.816 23.8214 21.815 21.915 26.87.21 26.87.01 24.8200 22.814 22.915 27.87.016 27.801 27.801 27.802 27 | 4 24≈35 | 23 X 06 | 23 ℃ 25 |
| 198 | | | |
| 208 | | | |
| 21S 26,706 267616 23,669 21,1425 21,700 27,701 27,701 27,703 22,703 22,700 27,707 28,703 22,700 27,707 28,703 22,702 27,703 28,703 22,703 27,703 28,704 29,704 20,703 28,723 29,713 20,002 22,703 22,703 20,703 28,724 29,704 20,703 28,723 29,713 20,002 22,703 22,703 20,703 20,703 28,723 20,703 20,703 20,703 20,703 <th></th> <th></th> <th></th> | | | |
| 228 26.720 26.737 24.844 21.879 20.755 27.745 27.751 25.808 22.826 21.755 28.721 28.725 22.842 26.734 26.758 24.829 21.832 20.750 27.729 27.751 25.837 22.832 21.744 28.739 29.751 25.837 22.832 21.744 28.739 29.751 25.837 22.832 21.744 28.739 29.751 25.837 22.832 21.744 28.739 29.751 25.837 22.832 21.744 28.739 29.751 22.838 27.748 28.751 25.837 22.832 21.744 28.739 29.751 29.7 | | | 23 Y 04 |
| 238 26x34 26558 24x29 21x32 20r50 27x29 2751 25x22 22x29 21r49 28x25 285- 248 26x48 277618 24x44 21x36 20r45 27x44 28711 25x37 22x32 21r44 28x39 2976 258 27x418 28501 25x14 21x42 20r35 28x13 2853 26x67 22x38 21r34 29x08 2956 27x 27x33 28522 25x30 21x46 20r35 28x13 2853 26x67 22x38 21r34 29x08 2956 27x 27x33 28522 25x30 21x46 20r35 28x28 29514 26x22 22x41 21r28 29x23 0x6 28x 27x48 28544 25x45 21x49 20r25 28x38 29536 26x37 22x44 21r23 29x39 0x6 29x 28x04 29506 26x00 21x53 20r20 28x79 2958 26x52 22x47 21r17 29x54 0x8 305 28x20 2951 26x32 22x00 20r09 29x31 0x42 27x22 22x53 21r06 0526 1x8 32x 28x35 0x31 26x47 22x03 20r04 29x48 1x05 27x38 22x56 21r01 0x43 1x8 32x 28x35 0x31 26x47 22x10 19r53 0622 1x51 28x09 23x02 20r49 1617 2x8 34S 29x27 1x00 27x19 22x10 19r53 0622 1x51 28x09 23x02 20r49 1617 2x8 36S 0x31 2x38 28x25 22x25 21r3 19r41 0x58 2x38 28x41 23x99 20r37 1653 3x8 37S 0x32 2x35 2x44 2x828 2yx11 19r41 0x58 2x38 28x41 23x99 20r37 1653 3x8 37S 0x32 2x35 22x40 29x28 19r10 0x40 2x44 | | | |
| 248 | | | |
| 268 27#18 28#01 25#14 21#42 20#35 28#13 28#53 26#07 22#38 21#34 29#08 29#07 27#33 28#02 25#30 21#46 20#30 28#28 29#41 26#22 22#41 21#28 29#32 0#3 288 27#48 28#04 25#045 21#49 20#25 28#43 29#36 26#37 22#44 21#23 29#39 0#3 29#30 28#30 29#30 28#30 29#31 26#37 29#39 0#3 28#30 29#30 28#30 29#31 0#3 29#30 28#30 29#31 0#3 29#30 28#30 29#31 0#3 29#30 28#30 29#31 0#3 22#40 21#17 29#54 0#3 28#30 29#31 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#34 1#05 27#33 22#56 21#01 0#31 3#3 29#30 0#3 22#41 19#35 0#22 1#51 28#09 23#02 20#49 1#17 2#3 358 29#45 1#24 27#35 22#10 19#53 0#22 1#51 28#09 23#02 20#49 1#17 2#3 358 0#31 27#35 22#11 19#36 1#17 3#03 28#57 23#12 20#31 2#11 3#3 3#1 3#3 3#1 3#3 3#1 27#25 22#32 19#36 1#17 3#03 28#57 23#12 20#31 2#11 3#3 3#1 3#3 3#1 20#25 2#30 4#4 24#32 24 | | | |
| 268 27#18 28#01 25#14 21#42 20#35 28#13 28#53 26#07 22#38 21#34 29#08 29#07 27#33 28#02 25#30 21#46 20#30 28#28 29#41 26#22 22#41 21#28 29#32 0#3 288 27#48 28#04 25#045 21#49 20#25 28#43 29#36 26#37 22#44 21#23 29#39 0#3 29#30 28#30 29#30 28#30 29#31 26#37 29#39 0#3 28#30 29#30 28#30 29#31 0#3 29#30 28#30 29#31 0#3 29#30 28#30 29#31 0#3 29#30 28#30 29#31 0#3 22#40 21#17 29#54 0#3 28#30 29#31 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#31 0#42 27#22 22#53 21#06 0#26 1#3 238 29#30 0#3 26#47 22#03 20#04 29#34 1#05 27#33 22#56 21#01 0#31 3#3 29#30 0#3 22#41 19#35 0#22 1#51 28#09 23#02 20#49 1#17 2#3 358 29#45 1#24 27#35 22#10 19#53 0#22 1#51 28#09 23#02 20#49 1#17 2#3 358 0#31 27#35 22#11 19#36 1#17 3#03 28#57 23#12 20#31 2#11 3#3 3#1 3#3 3#1 3#3 3#1 27#25 22#32 19#36 1#17 3#03 28#57 23#12 20#31 2#11 3#3 3#1 3#3 3#1 20#25 2#30 4#4 24#32 24 | 5 26≈45 | 23 X 30 | 22Y37 |
| 288 27,448 28,644 25,845 21,849 20,725 28,443 29,636 26,837 22,844 21,723 29,349 0,85 28,20 29,628 26,600 21,853 20,720 28,859 29,658 26,852 22,847 21,717 29,854 0,85 308 28,20 29,628 26,861 21,856 20,715 29,815 0,820 27,807 22,850 21,711 0,9710 0,924 318 28,36 29,651 26,832 22,800 20,709 29,811 0,842 27,822 22,853 21,706 0,926 1,86 328 28,853 0,813 26,847 22,803 20,704 29,848 1,805 27,838 22,856 21,701 0,643 1,86 338 29,810 0,837 27,803 22,807 19,758 0,605 1,827 27,853 22,859 20,755 1,600 22,840 348 29,827 1,800 27,819 22,810 19,753 0,605 1,827 27,853 22,859 20,755 1,600 2,838 368 0,603 1,848 27,852 22,817 19,741 0,640 2,814 2,8825 23,805 20,743 1,635 3,86 378 0,622 2,813 28,808 22,821 19,736 1,617 3,803 2,8857 23,812 20,731 2,611 3,863 388 0,641 2,838 2,8862 22,821 19,736 1,617 3,803 2,8857 23,815 20,703 2,631 3,863 398 1,601 3,803 2,8842 22,828 19,724 1,655 3,853 2,9829 2,3818 20,719 2,650 4,884 408 1,621 3,829 2,8859 2,2832 1,8717 2,616 4,818 2,9846 2,3822 2,0712 3,610 3,848 2,845 2,846 3,847 3,848 | | | |
| 298 28 #04 29 #06 26 #00 21 #53 20 *\text{PC} 20 28 #59 29 #58 26 #52 22 #47 21 *\text{PC} 17 29 #54 0 #50 | | | |
| 308 28x20 29\forall 28 26\infty 6 20\tau15 29x15 0\infty 27x807 22x50 21\tau12 0\forall 10 1\tau 31S 28x36 29\forall 5 26\infty 22x400 20\tau09 29x31 0\infty 27x822 22x53 21\tau06 0\forall 26 1\tau 32S 28x53 0\infty 3 26\infty 47 22x403 20\tau04 29x48 1\tau05 27\tau38 22x56 21\tau10 0\forall 43 1\tau 33S 29x10 0\tau37 27\tau03 22x407 19\tau58 0\forall 50 1\tau27 27\tau53 22x59 20\tau55 1\tau00 2\tau33 29x27 1\tau00 27\tau19 22x10 19\tau58 0\forall 50 1\tau27 27\tau53 22x59 20\tau55 1\tau00 2\tau33 1\tau34 29x27 1\tau00 27\tau19 22x10 19\tau58 0\forall 522 1\tau51 28\tau69 23x402 20\tau49 1\tau17 2\tau33 3\tau58 0\tau33 1\tau48 27\tau55 22x114 19\tau47 0\tau40 2\tau14 28\tau25 23x60 20\tau49 1\tau17 2\tau33 3\tau58 0\tau33 28\tau40 22x12 19\tau36 1\tau17 3\tau03 28\tau57 23\tau12 20\tau31 2\tau11 3\tau5 3\tau53 3\t | | | |
| 31S 28x36 29\forall 26\timess2 22\timess6 20\timess6 20\timess6 29\timess3 0\timess4 27\timess2 22\timess5 22\timess6 21\timess6 0\forall 32\timess6 27\timess8 22\timess5 22\timess5 22\timess5 22\timess6 21\timess6 0\timess3 22\timess5 27\timess6 27\timess8 22\timess5 22\timess5 22\timess5 22\timess6 21\timess6 0\timess3 22\timess6 27\timess5 22\timess5 22\timess5 22\timess5 20\timess5 26\timess6 20\timess5 26\timess5 20\timess5 26\timess5 26\timess5 | | | 22Y15 |
| 32S 28 x 53 0 ≈ 13 26 ≈ 47 22 ± 03 20 m 04 29 x 48 1 ≈ 05 27 ≈ 38 22 ± 56 21 m 01 0 ₹ 43 1 ≈ 1 ≈ 1 ≈ 1 | | | 22°09 |
| 33S 29 x 10 0 ∞ 37 27 ≈ 03 22 ± 07 19 ↑ 58 0 ∃ 05 1 ≈ 27 27 ≈ 53 22 ± 59 20 ↑ 55 1 ∃ 00 2 ≈ 345 34S 29 x 27 1 ≈ 00 27 ≈ 19 22 ± 10 19 ↑ 53 0 ∃ 22 1 ≈ 51 28 ≈ 09 23 ± 02 20 ↑ 49 1 ∃ 17 2 ≈ 34 36S 29 x 45 1 ≈ 24 27 ≈ 35 22 ± 11 19 ↑ 41 0 ∃ 64 2 ≈ 14 28 ≈ 25 23 ± 05 20 ↑ 43 1 ∃ 35 3 ≈ 3 36S 0 ∃ 03 1 ≈ 48 27 ≈ 52 22 ± 11 19 ↑ 41 0 ∃ 58 2 ≈ 38 28 ≈ 25 23 ± 02 20 ↑ 31 1 ∃ 53 3 ≈ 3 37S 0 ∃ 22 2 ≈ 13 28 ≈ 25 22 ± 21 19 ↑ 41 0 ∃ 58 2 ≈ 38 28 ≈ 51 23 ± 15 20 ↑ 73 1 ∃ 53 3 ≈ 3 38S 0 ∃ 21 2 ≈ 88 28 ± 25 22 ± 25 19 ↑ 90 1 ∃ 53 3 ≈ 27 23 ± 15 20 ↑ 23 4 ≈ 23 29 ≈ 31 23 ± 15 20 ↑ 23 22 ± 34 <th></th> <th></th> <th></th> | | | |
| 34S 29 x 27 1 \(\omega{a} \) 22 \(\omega{a} \) 19 \(\omega{b} \) 3 \(\omega{c} \) 22 \(\omega{a} \) 19 \(\omega{c} \) 3 \(\omega{c} \) 23 \(\omega{c} \) 20 \(\omega{c} \) 3 | | | |
| 368 | | | |
| 368 | 5 29≈14 | 23 X 57 | 21Υ39 |
| 388 0元41 2≈38 28≈25 22±25 19 mm 30 1元36 3≈27 29≈13 23±15 20 mm 25 2元30 4≈398 1元01 3≈03 28≈42 22±28 19 mm 24 1元55 3≈53 29≈29 23±18 20 mm 19 2元50 4≈408 1元21 3≈29 28≈59 22±32 19 mm 17 2元16 4≈18 29≈46 23±22 20 mm 12 3元10 5≈418 1元42 3≈56 29≈16 22±36 19 mm 11 2元36 4≈44 0±03 23±25 20 mm 06 3元31 5≈42 2元33 4≈23 29≈33 22±40 19 mm 05 2元58 5≈11 0±20 23±29 19 mm 05 3元52 5≈438 2元25 4≈50 29≈51 22±44 18 mm 05 3元20 5≈38 0±37 23±32 19 mm 05 4元37 6≈448 2元48 5≈19 0±09 22±48 18 mm 05 3元43 6≈06 0±55 23±36 19 mm 45 4元37 6≈448 2元48 5≈19 0±40 22±56 18 mm 38 4元31 7≈04 1±31 23±43 19 mm 15 5元25 7≈448 4元02 6≈47 1±05 23±00 18 mm 13 4元56 7≈33 1±49 23±47 19 mm 13 5元25 7≈48 4π 05 4π 05 23±00 18 mm 13 4π 05 4π 05 23±40 18 mm 13 4π 05 23±40 19 mm 13 5π 05 3π 06 23±27 17 mm 14 23±41 19 mm 13 23±43 19 mm 13 5π 05 23±40 10≈1 | 3 29≈30 | | 21 Y 33 |
| 39S | | | |
| 40S 1 □ □ 21 3 ≈ 29 28 ≈ 59 22 ⋈ 32 19 ⋈ 17 2 □ 16 4 ≈ 18 29 ≈ 46 23 ⋈ 22 20 ⋈ 12 3 □ 10 5 ≈ 0 41S 1 □ 42 3 ≈ 56 29 ≈ 16 22 ⋈ 36 19 ⋈ 11 2 □ 36 4 ≈ 44 0 ⋈ 03 23 ⋈ 25 20 ⋈ 06 3 □ 31 5 ≈ 0 42S 2 □ 203 4 ≈ 23 29 ≈ 33 22 ⋈ 40 19 ⋈ 05 2 □ 58 5 ≈ 11 0 ⋈ 20 23 ⋈ 29 19 ⋈ 59 3 ⋈ 52 5 ≈ 1 43S 2 □ 25 4 ≈ 50 29 ≈ 51 22 ⋈ 44 18 ⋈ 58 3 ⋈ 20 5 ≈ 38 0 ⋈ 37 23 ⋈ 32 19 ү 52 4 ⋈ 14 6 ≈ 1 44S 2 ⋈ 48 5 ≈ 19 0 ⋈ 09 22 ⋈ 48 18 ⋈ 52 3 ⋈ 34 6 ≈ 60 0 ⋈ 55 23 ⋈ 36 19 ⋈ 45 4 □ 37 6 ≈ 3 45S 3 □ 21 5 ≈ 47 0 ⋈ 27 22 ⋈ 52 18 ⋈ 45 4 □ 60 6 ≈ 35 1 ⋈ 13 23 ⋈ 39 19 ⋈ 38 5 □ 00 7 ≈ 20 46S 3 □ 37 | | | |
| 41S 1 \(\tau 42 \) 3 \(\sim 56 \) 29 \(\sim 16 \) 22 \(\sim 36 \) 1 \(\sim 11 \) 2 \(\sim 36 \) 4 \(\sim 444 \) 0 \(\sim 30 \) 23 \(\sim 25 \) 20 \(\sim 66 \) 3 \(\sim 31 \) 5 \(\sim 62 \) 42S 2 \(\sim 03 \) 4 \(\sim 23 \) 29 \(\sim 51 \) 2 \(\sim 444 \) 1 \(\sim 45 \) 5 \(\sim 11 \) 0 \(\sim 20 \) 23 \(\sim 32 \) 5 \(\sim 31 \) 2 \(\sim 438 \) 2 \(\sim 45 \) 2 \(\sim 448 \) 29 \(\sim 51 \) 22 \(\sim 444 \) 18 \(\sim 58 \) 3 \(\sim 20 \) 5 \(\sim 38 \) 0 \(\sim 37 \) 23 \(\sim 36 \) 19 \(\sim 52 \) 4 \(\sim 144 \) 4 \(\sim 37 \) 6 \(\sim 17 \) 0 \(\sim 46 \) 22 \(\sim 56 \) 18 \(\sim 38 \) 4 \(\sim 31 \) 2 \(\sim 47 \) 1 \(\sim 46 \) 22 \(\sim 47 \) 4 \(\sim 66 \) 23 \(\sim 37 \) 1 \(\sim 13 \) 23 \(\sim 37 \) 1 \(\sim 47 \) 4 \(\sim 66 \) 23 \(\sim 37 \) 1 \(\sim 47 \) 4 \(\sim 66 \) 23 \(\sim 37 \) 1 \(\sim 47 \) 4 \(\sim 66 \) 23 \(\sim 34 \) 1 \(\sim 47 \) 4 \(\sim 66 \) 23 \(\sim 34 \) 1 \(\sim 47 \) | | | |
| 42S 2503 4≈23 29≈33 22×40 19°05 258 5≈11 0×20 23×29 19°59 3552 5≈34 43S 2525 4≈50 29≈51 22×44 18°58 3520 5≈38 0×37 23×32 19°52 4514 6≈36 44S 2548 5≈19 0×09 22×48 18°52 3543 6∞06 0×55 23×36 19°45 4537 6≈37 45S 3512 5≈47 0×27 22×52 18°45 4506 6≈35 1×13 23×39 19°38 5500 7≈3 46S 3537 6≈17 0×46 22×56 18°38 4531 7≈04 1×31 23×43 19°31 5525 7≈3 47S 4502 6≈47 1×05 23×00 18°31 4556 7≈33 1×49 23×47 19°23 5550 8≈3 48S 4528 7≈18 1×24 23×04 18°23 5522 8≈04 <td< th=""><th></th><th></th><th>21 7 07</th></td<> | | | 21 7 07 |
| 43S 2 ⋈ 25 4 ⋈ 50 29 ⋈ 51 22 ⋈ 44 18 ⋈ 58 3 ⋈ 20 5 ⋈ 38 0 ⋈ 37 23 ⋈ 32 19 ⋈ 52 4 ⋈ 14 6 ⋈ 37 44S 2 ⋈ 48 5 ⋈ 19 0 ⋈ 09 22 ⋈ 48 18 ⋈ 52 3 ⋈ 43 6 ⋈ 60 0 ⋈ 55 23 ⋈ 36 19 ⋈ 45 4 ⋈ 37 6 ⋈ 37 45S 3 ⋈ 12 5 ⋈ 47 0 ⋈ 27 22 ⋈ 52 18 ⋈ 45 4 ⋈ 60 6 ⋈ 35 1 ⋈ 13 23 ⋈ 39 19 ⋈ 38 5 ⋈ 00 7 ⋈ 34 46S 3 ⋈ 37 6 ⋈ 17 0 ⋈ 46 22 ⋈ 56 18 ⋈ 38 4 ⋈ 31 7 ⋈ 44 19 ⋈ 31 5 ⋈ 25 7 ⋈ 34 47S 4 ⋈ 20 6 ⋈ 47 1 ⋈ 05 23 ⋈ 00 18 ⋈ 31 4 ⋈ 56 7 ⋈ 33 1 ⋈ 49 23 ⋈ 47 19 ⋈ 23 5 ⋈ 50 8 ⋈ 4 48S 4 ⋈ 28 7 ⋈ 18 1 ⋈ 24 23 ⋈ 04 18 ⋈ 23 5 ⋈ 22 8 ⋈ 49 23 ⋈ 47 19 ⋈ 23 5 ⋈ 50 8 ⋈ 49 4 ⋈ 56 7 ⋈ 33 1 ⋈ 49 23 ⋈ 47 19 ⋈ 23 | | | 21 \(\psi 00 \) 20 \(\psi 53 \) |
| 44S 2 ∃ 48 5 ≈ 19 0 € 09 22 € 48 18 € 52 3 ∃ 43 6 ≈ 06 0 € 55 23 € 36 19 € 45 4 ∃ 37 6 ≈ 37 45S 3 ∃ 12 5 ≈ 47 0 € 27 22 € 52 18 € 45 4 ∃ 06 6 ≈ 35 1 € 13 23 € 39 19 € 38 5 ∃ 00 7 ≈ 34 46S 3 ∃ 37 6 ≈ 17 0 € 46 22 € 56 18 € 738 4 ∃ 31 7 ≈ 04 1 € 31 23 € 43 19 € 31 5 ∃ 25 7 ≈ 34 47S 4 ∃ 02 6 ≈ 47 1 € 05 23 € 00 18 € 71 1 € 56 7 ≈ 33 1 € 49 23 € 47 19 € 23 5 ∃ 55 8 ≈ 34 48S 4 ∃ 28 7 ≈ 18 1 € 24 23 € 04 18 € 23 5 ∃ 22 8 ≈ 04 2 € 08 23 € 50 19 € 16 6 ∃ 16 8 ≈ 35 49S 4 ∃ 56 7 ≈ 50 1 € 44 23 € 09 18 € 16 5 ∃ 49 8 ≈ 35 2 € 27 2 3 € 50 19 € 16 6 ∃ 16 8 ≈ 35 2 € 27 2 3 € 50 < | | | 20 Y 46 |
| 45S 3512 5 24 7 0 22 2 52 18 45 45 6 6 23 5 1 1 13 23 14 3 19 19 18 5 5 00 7 2 4 6 5 3 5 3 7 6 2 1 1 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 4 2 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 2 3 1 4 3 1 3 1 3 1 4 3 1 3 1 4 3 1 3 1 3 | | | |
| 46S 3 ₹ 37 6 ≈ 17 0 ₹ 46 22 ₹ 56 18 ₹ 38 4 ₹ 31 7 ≈ 04 1 ₹ 31 23 ₹ 43 19 ₹ 31 5 ₹ 25 7 ≈ 33 47S 4 ₹ 02 6 ≈ 47 1 ₹ 05 23 ₹ 00 18 ₹ 31 4 ₹ 56 7 ≈ 33 1 ₹ 49 23 ₹ 47 19 ₹ 23 5 ₹ 50 8 ≈ 22 48S 4 ₹ 28 7 ≈ 18 1 ₹ 24 23 ₹ 04 18 ₹ 23 5 ₹ 22 8 ≈ 04 2 ₹ 08 23 ₹ 50 19 ₹ 16 6 ₹ 16 8 ≈ 35 49S 4 ₹ 56 7 ≈ 50 1 ₹ 44 23 ₹ 09 18 ₹ 16 5 ₹ 49 8 ≈ 35 2 ₹ 27 23 ₹ 54 19 ₹ 08 6 ₹ 43 9 ≈ 20 50S 5 ₹ 24 8 ≈ 22 2 ₹ 04 23 ₹ 13 18 ₹ 08 6 ₹ 18 9 ≈ 07 2 ₹ 46 23 ₹ 58 19 ₹ 00 7 ₹ 11 9 ≈ 40 3 ₹ 06 24 ₹ 02 18 ₹ 51 7 ₹ 40 10 ≈ 2 10 ≈ 2 2 ₹ 24 23 ₹ 17 18 ₹ 00 6 ₹ 47 9 ≈ 40 3 ₹ 06 24 ₹ 06 18 ₹ 43 8 ₹ 11 10 ≈ 2 | 2 1 X 58 | 24 X 27 | 20Y31 |
| 47S 48O2 6≈47 1 ± 05 23 ± 00 18 ± 31 4 ± 56 7≈33 1 ± 49 23 ± 47 19 ± 23 5 ± 50 8 ≈ 24 48S 4 ± 28 7≈18 1 ± 24 23 ± 04 18 ± 23 5 ± 22 8 ≈ 04 2 ± 08 23 ± 50 19 ± 16 6 ± 16 8 ≈ 24 49S 4 ± 56 7 ≈ 50 1 ± 44 23 ± 09 18 ± 16 5 ± 49 8 ≈ 35 2 ± 27 23 ± 54 19 ± 08 6 ± 43 9 ≈ 26 50S 5 ± 24 8 ≈ 22 2 ± 04 23 ± 13 18 ± 08 6 ± 18 9 ≈ 07 2 ± 46 23 ± 58 19 ± 00 7 ± 11 9 ≈ 30 51S 5 ± 54 8 ≈ 56 2 ± 24 23 ± 17 18 ± 00 6 ± 47 9 ≈ 40 3 ± 06 24 ± 02 18 ± 51 7 ± 40 10 ≈ 2 52S 6 ± 24 9 ≈ 30 2 ± 45 23 ± 22 17 ± 52 7 ± 18 10 ≈ 14 3 ± 26 24 ± 06 18 ± 43 8 ± 11 10 ≈ 2 53S 6 ± 57 | | | 20℃24 |
| 49S 4\overline{3}56 7\sigma 50 1\overline{4}4 23\overline{4}09 18\overline{1}6 5\overline{3}49 8\sigma 35 2\overline{2}7 23\overline{3}44 19\overline{9}08 6\overline{3}43 9\sigma 6 3 9\sigma 6 3\overline{4}6 23\overline{3}45 19\overline{9}08 6\overline{4}43 9\sigma 6 23\overline{4}58 19\overline{9}00 7\overline{1}1 9\sigma 6 23\overline{4}58 19\overline{9}00 7\overline{1}1 9\sigma 6 24\overline{4}6 23\overline{5}58 19\overline{9}00 7\overline{1}1 9\overline{3}6 3\overline{4}06 24\overline{4}06 3\overline{6}06 24\overline{4}02 18\overline{9}51 7\overline{4}0 10\overline{6}06 24\overline{4}00 18\overline{9}51 7\overline{4}0 10\overline{4}1 3\overline{6}06 24\overline{4}06 18\overline{9}43 8\overline{1}1 10\overline{8}06 3\overline{4}06 18\overline{9}43 8\overline{1}1 10\overline{8}06 3\overline{4}406 18\overline{9}43 8\overline{9}41 11\overline{9}63 10\overline{9}64 3\overline{4}47 2\overline{4}06 18\overline{9}43 8\overline{4}41 11\overline{9}64 | | | |
| 50S 5 \overline{\pi}24 8 \overline{\pi}22 2 \overline{\pi}04 23 \overline{\pi}13 18 \cong 08 6 \overline{\pi}18 9 \overline{\pi}07 2 \overline{\pi}46 23 \overline{\pi}58 19 \cong 00 7 \overline{\pi}11 9 \overline{\pi}25 51S 5 \overline{\pi}548 8 \overline{\pi}56 2 \overline{\pi}24 23 \overline{\pi}17 18 \overline{\pi}00 6 \overline{\pi}47 9 \overline{\pi}40 3 \overline{\pi}06 24 \overline{\pi}40 18 \overline{\pi}51 7 \overline{\pi}40 10 \overline{\pi}25 52S 6 \overline{\pi}24 9 \overline{\pi}30 2 \overline{\pi}45 23 \overline{\pi}22 17 \overline{\pi}52 7 \overline{\pi}81 10 \overline{\overline{\pi}4} 3 \overline{\pi}26 24 \overline{\pi}06 18 \overline{\pi}43 8 \overline{\pi}11 10 \overline{\overline{\pi}43} 3 \overline{\pi}10 \overline{\overline{\pi}43} 8 \overline{\pi}11 10 \overline{\overline{\pi}43 3 \overline{\pi}40 10 \overline{\overline{\pi}43} 3 \overline{\pi}41 10 \overline{\overline{\pi}43} 3 \overline{\pi}42 11 \overline{\overline{\pi}43} 8 \overline{\pi}42 11 \overline{\overline{\pi}43} 8 \overline{\pi}42 11 \overline{\overline{\overline{\pi}43}} 11 \overline{\ove | | | 20Υ08 |
| 51S 5 \overline{555} 8 \overline{565} 2 \overline{24} 23 \overline{17} 18 \overline{900} 6 \overline{347} 9 \overline{40} 3 \overline{406} 24 \overline{402} 18 \overline{515} 7 \overline{348} 3 \overline{406} 24 \overline{402} 18 \overline{515} 7 \overline{348} 3 \overline{406} 24 \overline{400} 24 \overline{400} 18 \overline{436} 8 \overline{511} 10 \overline{265} 54S 7 \overline{300} 10 \overline{402} 3 \overline{406} 23 \overline{427} 17 \overline{446} 7 \overline{500} 10 \overline{49} 3 \overline{47} 24 \overline{410} 18 \overline{473} 8 \overline{422} 11 \overline{265} 9 \overline{471} 10 \overline{265} 3 \overline{470} 23 \overline{473} 17 \overline{472} 8 \overline{528} 11 \overline{249} 3 \overline{470} 24 \overline{471} 18 \overline{473} 8 \overline{472} 11 \overline{260} 9 \overline{473} 8 \overline{472} 11 \overline{260} 3 \overline{470} 12 \overline{470} 4 \ | | | |
| 52S 6 \overline{\pi}24 9 \overline{\pi}30 2 \overline{\pi}45 23 \overline{\pi}22 17 \overline{\pi}52 7 \overline{\pi}81 10 \overline{\pi}41 3 \overline{\pi}26 24 \overline{\pi}06 18 \overline{\pi}43 8 \overline{\pi}11 10 \overline{\pi}53 53S 6 \overline{\pi}57 10 \overline{\pi}605 3 \overline{\pi}06 23 \overline{\pi}27 17 \overline{\pi}44 7 \overline{\pi}50 10 \overline{\pi}49 3 \overline{\pi}47 24 \overline{\pi}10 18 \overline{\pi}34 8 \overline{\pi}42 11 \overline{\pi}25 54S 7 \overline{\pi}30 10 \overline{\pi}43 23 \overline{\pi}32 17 \overline{\pi}26 8 \overline{\pi}58 12 \overline{\pi}01 4 \overline{\pi}30 24 \overline{\pi}15 9 \overline{\pi}50 12 \overline{\pi}60 56S 8 \overline{\pi}42 11 \overline{\pi}52 23 \overline{\pi}41 17 \overline{\pi}17 9 \overline{\pi}34 12 \overline{\pi}39 4 \overline{\pi}52 24 \overline{\pi}23 18 \overline{\pi}69 12 \overline{\pi}60 56S 8 \overline{\pi}42 11 \overline{\pi}57 4 \overline{\pi}12 23 \overline{\pi}41 17 \overline{\pi}17 9 \overline{\pi}34 12 \overline | | | 19\gamma51 |
| 53S 6557 10≈05 3 ± 06 23 ± 27 17 ± 44 7 ± 50 10≈49 3 ± 47 24 ± 10 18 ± 34 8 ± 42 11 ≈ 5 54S 7 ± 30 10≈41 3 ± 28 23 ± 32 17 ± 35 8 ± 23 11 ≈ 24 4 ± 08 24 ± 15 18 ± 25 9 ± 15 12 ≈ 6 55S 8 ± 05 11 ≈ 19 3 ± 50 23 ± 36 17 ± 26 8 ± 58 12 ≈ 01 4 ± 30 24 ± 19 18 ± 16 9 ± 50 12 ≈ 6 56S 8 ± 42 11 ≈ 57 4 ± 12 23 ± 41 17 ± 17 9 ± 34 12 ≈ 39 4 ± 52 24 ± 23 18 ± 06 10 ± 26 13 ≈ 26 57S 9 ± 21 12 ≈ 37 4 ± 36 23 ± 47 17 ± 07 10 ± 13 13 ≈ 18 5 ± 15 24 ± 28 17 ± 56 11 ± 50 14 ≈ 12 | | | |
| 54S 7⊠30 10≈41 3 ± 28 23 ± 32 17 ± 35 8 ± 23 11≈24 4 ± 08 24 ± 15 18 ± 25 9 ± 15 12≈6 55S 8 ± 05 11≈19 3 ± 50 23 ± 36 17 ± 26 8 ± 58 12≈01 4 ± 30 24 ± 19 18 ± 16 9 ± 50 12≈6 56S 8 ± 42 11≈57 4 ± 12 23 ± 41 17 ± 17 9 ± 34 12≈39 4 ± 52 24 ± 23 18 ± 06 10 ± 26 13≈2 57S 9 ± 21 12≈37 4 ± 36 23 ± 47 17 ± 07 10 ± 13 13≈18 5 ± 15 24 ± 28 17 ± 56 11 ± 05 14≈6 | | | 1 |
| 568 8542 11≈57 4米12 23米41 17か17 9534 12≈39 4米52 24米23 18か06 10526 13≈5 578 9521 12≈37 4米36 23米47 17か07 10513 13≈18 5米15 24米28 17か56 11505 14≈1 | | | |
| 568 8542 11≈57 4米12 23米41 17か17 9534 12≈39 4米52 24米23 18か06 10526 13≈5 578 9521 12≈37 4米36 23米47 17か07 10513 13≈18 5米15 24米28 17か56 11505 14≈1 | 4 5 X 10 | 25 ¥ 02 | 19 Y 05 |
| | 1 5 ¥ 31 | 25 ¥ 05 | 18 Y 55 |
| 588 10₹02 13∞18 5¥00 23¥52 16∞57 10₹52 12∞50 5¥20 24¥22 17∞46 11₹45 14 | | | 1 |
| | | | |
| 598 10344 14≈01 5×24 23×57 16°47 11336 14≈41 6×02 24×38 17°35 12327 15≈2 | | | |
| 60S 11330 14≈44 5 ± 49 24 ± 603 16 ± 603 12 ± 20 15≈24 6 ± 26 24 ± 43 17 ± 24 13 ± 11 16≈6 12 ± 12 12 ± 12 13 ± 12 13 ± 12 13 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 12 14 ± 12 12 ± 1 | | | 18Y11 |
| 61S 12317 15≈30 6 ± 15 24 ± 09 16 ± 25 13 ± 08 16≈08 6 ± 51 24 ± 48 17 ± 12 13 ± 58 16≈06 62S 13 ± 08 16≈17 6 ± 41 24 ± 15 16 ± 14 13 ± 58 16≈55 7 ± 17 24 ± 53 17 ± 00 14 ± 48 17≈36 16≈17 15 ± 16 ± 17 ≈ 18 ± 18 ± 18 ± 18 ± 18 ± 18 ± 18 ± 18 | | | 17Υ59 17Υ46 |
| 63S 14301 $17 \approx 06$ $7 \approx 09$ $24 \approx 21$ $16 \approx 02$ 14351 $17 \approx 43$ $17 \approx 43$ $17 \approx 04$ $18 \approx 21$ | | | |
| 64S 14358 17\alpha57 7\times37 24\times27 15\times49 15\figs447 18\alpha33 8\times11 25\times404 16\times34 16\figs36 19\alpha64 | | | 17 Y 19 |
| 65S 15च59 18≈49 8 × 06 24 × 34 15 × 36 16 च 47 19≈25 8 × 39 25 × 10 16 × 20 17 ⊎ 35 20≈0 | | | |
| 66S 17303 19≈44 8 x 36 24 x 40 15 x 22 17351 20≈18 9 x 08 25 x 16 16 x 06 18 338 20≈18 | | | 16Y50 |
| pc 17342 20≈16 8∺53 24∺44 15Υ14 18329 20≈50 9∺25 25∺19 15Υ57 19315 21≈3 | | | |

| | Sid.Tir MC: | | 36m A .18'47 | RMC: 2 | 234°00' | Sid.Tir MC: | | 40m A 16'56 | RMC: 2 | 235°00' | Sid.Tir MC: | | 44m A .14'55 | RMC: 2 | .36°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 Y 53 | 25 ≉ 24 | 23云09 | 22≈38 | 24 X 33 | 26Y56 | 26 ₹ 19 | 24궁06 | 23≈40 | 25 X 38 | 27 Y 59 |
| 1S | 24 <i>≯</i> 41 | 22832 | 21≈53 | 23 ¥ 30 | 25Ƴ47 | 25 ≉ 36 | 23중28 | 22≈54 | 24 X 35 | 26Y50 | 26 ₹ 31 | 24중25 | 23≈55 | 25 ¥ 40 | 27Y53 |
| 2S | 24 ₹ 53 | 22중51 | 22≈08 | 23 X 32 | 25℃42 | 25 ∡ 48 | 23중48 | 23≈09 | 24 X 37 | 26℃44 | 26 ₹ 43 | 24중44 | 24≈10 | 25 X 41 | 27Ƴ47 |
| 3S | 25×105 | 23중10 | 22≈23 | 23 ¥ 35 | 25Υ36 | 26 🗷 00 | 24307 | 23≈24 | 24 ** 39 | 26Υ39 | 26 ₹ 55 | 25중03 | 24≈24 | 25 X 43 | 27Υ41 |
| 4S | 25 ₮ 17 | 23중30 | 22≈38 | 23 X 37 | 25 Ƴ 31 | 26 ₮ 12 | 24중26 | 23≈38 | 24 X 41 | 26℃33 | 27 ₹ 07 | 25중22 | 24≈39 | 25 X 45 | 27 Y 35 |
| 5S | 25 ₹ 29 | 23349 | 22≈53 | 23 X 40 | 25Y25 | 26 ₹ 24 | 24345 | 23≈53 | 24 X 43 | 26Y27 | 27 ₹ 19 | 25중41 | 24≈53 | 25 ¥ 46 | 27 Y 30 |
| 6S | 25 🗷 41 | 24중08 | 23≈08 | 23 X 42 | 25Υ20 | 26 🗷 36 | 25중04 | 24≈08 | 24 ¥ 45 | 26Υ22 269016 | 27 7 31 | 26중00 | 25≈07 | 25 × 48 | 27Υ24 |
| 7S 8S | 25 ₹ 53 26 ₹ 05 | 24궁27 24궁46 | 23≈23 23≈37 | 23 X 45 23 X 47 | 25 Y 14 25 Y 09 | 26 ₹ 48 27 ₹ 00 | 25중23 25중41 | 24≈22 24≈36 | 24 X 47 24 X 49 | 26 Y 16 | 27 ₹ 43 27 ₹ 55 | 26 궁 18 26 궁 37 | 25≈21 25≈35 | 25 \times 50 25 \times 51 | 27 ° 18 27 ° 12 |
| 9S | 26 × 17 | 25~305 | 23≈57 23≈52 | 23 X 47 | 25 Y 03 | 27 x 00 27 x 12 | 25 8 41 26 중 00 | 24≈50 24≈50 | 24 X 49 24 X 51 | 26 Y 05 | 28 × 08 | 26중56 | 25≈33 25≈49 | 25 X 51 | 27 Y 06 |
| 10S | 26×129 | 25824 | 24≈06 | 23 X 52 | 24\gamma58 | 27 🗷 25 | 26중19 | 25≈05 | 24 ¥ 53 | 25 Υ 59 | 28 🗷 20 | 27중15 | 26≈03 | 25 X 54 | 27Υ01 |
| 11S | 26 × 42 | 25~343 | 24≈00 24≈21 | 23 X 52 | 24 Y 53 | 27 × 23 | 26중38 | 25≈03 25≈19 | 24 X 55 | 25 Y 54 | 28 × 32 | 27중33 | 26≈03 26≈17 | 25 X 54 | 26 Y 55 |
| 12S | 26×12 | 26중02 | 24≈35 | 23 × 56 | 24°47 | 27 ₹ 50 | 26중57 | 25≈32 | 24 X 57 | 25Υ48 | 28 🗷 45 | 27중52 | 26≈30 | 25 X 57 | 26 Y 49 |
| 13S | 27 ₹ 07 | 26321 | 24≈49 | 23 X 59 | 24Y42 | 28 ₹ 02 | 27816 | 25≈46 | 24 X 59 | 25 Y 43 | 28 ₹ 57 | 28311 | 26≈44 | 25 ¥ 59 | 26Y43 |
| 14S | 27 ∡ 20 | 26중40 | 25≈03 | 24 X 01 | 24 Y 36 | 28 ∡ 15 | 27중35 | 26≈00 | 25 ¥ 01 | 25 Ƴ 37 | 29 ₮ 10 | 28중30 | 26≈57 | 26 ₩ 00 | 26 Y 37 |
| 15S | 27 ₹ 32 | 27중00 | 25≈17 | 24 X 03 | 24Y31 | 28 ∡ 27 | 27중54 | 26≈14 | 25 X 03 | 25 Y 31 | 29 ₹ 23 | 28349 | 27≈11 | 26 X 02 | 26Y32 |
| 16S | 27 ₹ 45 | 27중19 | 25≈32 | 24 X 05 | 24Υ26 | 28 ₹ 40 | 28중13 | 26≈28 | 25 X 04 | 25Υ26 | 29 ₹ 35 | 29중08 | 27≈24 | 26 × 03 | 26℃26 |
| 17S | 27 ₹ 58 | 27중38 | 25≈46 | 24 ¥ 08 | 24Y20 | 28 × 53 | 28중32 | 26≈41 | 25 ¥ 06 | 25 ℃ 20 | 29 🗷 49 | 29궁27 | 27≈37 | 26 ¥ 05 | 26Y20 |
| 188 | 28 🗷 11 | 27중58 | 26≈00 | 24 X 10 | 24Υ15 | 29 🗷 07 | 28352 | 26≈55 | 25 ¥ 08 | 25Υ14 | 0중02 | 29346 | 27≈51 | 26 × 06 | 26Υ14 |
| 198 | 28 ₹ 25 | 28중17 | 26≈14 | 24 X 12 | 24℃09 | 29 ₹ 20 | 29중11 | 27≈09 | 25 X 10 | 25 ℃ 09 | 0중15 | 0≈05 | 28≈04 | 26 ¥ 08 | 26℃08 |
| 20S | 28 ₹ 38 | 28337 | 26≈28 | 24 X 14 | 24Y04 | 29 ₹33 | 29중31 | 27≈23 | 25 ¥ 12 | 25 Y 03 | 0중28 | 0≈24 | 28≈18 | 26 × 09 | 26Y02 |
| 21S 22S | 28 ₹ 52 29 ₹ 06 | 28 궁 57 29 궁 17 | 26≈42 26≈56 | 24 X 17 24 X 19 | 23 \(\cdot 58 \) 23 \(\cdot 53 \) | 29 <i>코</i> 47 0 궁 01 | 29⋜50 0≈10 | 27≈36 27≈50 | 25 X 14 25 X 16 | 24 \gamma 57 24 \gamma 51 | 0 3 42 0 3 56 | 0≈44 1≈03 | 28≈31 28≈44 | 26 ¥ 11 26 ¥ 12 | 25 \gamma 56 25 \gamma 50 |
| 22S 23S | 29 × 00 | 29817 | 20≈30 27≈10 | 24 X 19 | 23 Y 47 | 0중01 | 0≈10 | 27≈30 28≈04 | 25 X 18 | 24 Y 31 24 Y 46 | 1중10 | 1≈03 | 28≈58 | 26 X 12 | 25 \gamma 44 |
| 24S | 29 × 34 | 29궁57 | 27≈24 | 24 X 23 | 23 Υ 41 | 0319 | 0≈50 | 28≈17 | 25 X 19 | 24 γ 40 | 1324 | 1≈43 | 29≈11 | 26 × 15 | 25Υ38 |
| 25S | 29 ~ 49 | 0≈17 | 27≈38 | 24 X 26 | 23 Y 36 | 0중44 | 1≈10 | 28≈31 | 25 X 21 | 24 Y 34 | 1중39 | 2≈03 | 29≈24 | 26 X 17 | 25 Ƴ 32 |
| 26S | 0중03 | 0≈38 | 27≈52 | 24 X 28 | 23 γ 30 | 0공58 | 1≈31 | 28≈45 | 25 X 23 | 24Υ28 | 1853 | 2≈23 | 29≈38 | 26 X 18 | 25 Y 26 |
| 27S | 0중18 | 0≈59 | 28≈07 | 24 × 30 | 23 Y 24 | 1ਰ13 | 1≈51 | 28≈59 | 25 ¥ 25 | 24Y22 | 2중08 | 2≈43 | 29≈51 | 26 × 20 | 25Y20 |
| 28S | 0る34 | 1≈20 | 28≈21 | 24 X 33 | 23 Y 18 | 1る28 | 2≈12 | 29≈13 | 25 ¥ 27 | 24Y16 | 2823 | 3≈04 | 0 X 05 | 26 X 21 | 25 Ƴ 13 |
| 29S | 0중49 | 1≈41 | 28≈35 | 24 X 35 | 23 Y 12 | 1중44 | 2≈33 | 29≈27 | 25 ¥ 29 | 24Y10 | 2중39 | 3≈25 | 0 X 19 | 26 ¥ 23 | 25 ℃ 07 |
| 30S | 1중05 | 2≈03 | 28≈50 | 24 X 37 | 23Y06 | 2号00 | 2≈54 | 29≈41 | 25 ¥ 31 | 24Y03 | 2중55 | 3≈46 | 0 ¥ 32 | 26 ¥ 25 | 25 ℃ 00 |
| 31S | 1중21 | 2≈25 | 29≈04 | 24 X 39 | 23Υ00 | 2중16 | 3≈16 | 29≈55 | 25 ¥ 33 | 23Υ57 | 3동11 | 4≈07 | 0 X 46 | 26 X 26 | 24Υ54 |
| 32S | 1중38 1중54 | 2≈47 3≈09 | 29≈19 29≈34 | 24 X 42 | 22 \gamma 54 22 \gamma 48 | 2 공 32 | 3≈38 | 0 × 09 | 25 \ 35 25 \ 37 | 23 \gamma 51 \\ 23 \gamma 44 | 3중27 3중44 | 4≈29 4≈51 | 1 X 00 | 26 ¥ 28 | 24 ° 47 24 ° 41 |
| 33S 34S | 2 日 12 | 3≈32 | 29≈34 29≈48 | 24 X 44 24 X 46 | 22 Y 42 | 2정49 3정06 | 4≈00 4≈22 | 0 X 24 0 X 38 | 25 X 37 | 23 Y 38 | 4중01 | 5≈13 | 1 X 14 1 X 28 | 26 \times 29 26 \times 31 | 24 Y 41 24 Y 34 |
| 35S | 2 3 29 | 3≈55 | 0 X 03 | 24 X 49 | 22Υ35 | 3 중 24 | 4≈45 | 0 X 53 | 25 X 41 | 23 Y 31 | 4318 | 5≈35 | 1 X 42 | 26 X 32 | 24Y27 |
| 36S | 2 3 29 | 4≈18 | 0 X 03 | 24 X 49 24 X 51 | 22 Y 29 | 3 8 24 3 8 42 | 5≈08 | 1 X 08 | 25 X 41 | 23 Y 24 | 4 3 36 | 5≈58 5≈58 | 1 X 42 | 26 \times 34 | 24 Y 20 |
| 37S | 3중06 | 4≈42 | 0 X 34 | 24 X 54 | 22 Y 22 | 4중00 | 5≈32 | 1 X 23 | 25 × 45 | 23Υ17 | 4공55 | 6≈21 | 2 X 11 | 26 × 36 | 24Υ13 |
| 38S | 3ਰ25 | 5≈06 | 0 X 49 | 24 X 56 | 22 Y 15 | 4중19 | 5≈56 | 1 X 38 | 25 X 47 | 23 Y 10 | 5ਰ14 | 6≈45 | 2 X 26 | 26 X 37 | 24Y05 |
| 39S | 3₹44 | 5≈31 | 1 X 05 | 24 X 59 | 22 Y 08 | 4중39 | 6≈20 | 1 X 53 | 25 X 49 | 23 ℃ 03 | 5중33 | 7≈09 | 2 X 41 | 26 X 39 | 23 ⋎ 58 |
| 40S | 4정04 | 5≈56 | 1 X 21 | 25 × 01 | 22 Y 01 | 4궁59 | 6≈45 | 2 X 08 | 25 X 51 | 22 Y 56 | 5ਰ53 | 7≈33 | 2 X 56 | 26 X 41 | 23 ⋎ 51 |
| 41S | 4중25 | 6≈21 | 1 X 37 | 25 X 04 | 21 Y 54 | 5ਰ19 | 7≈10 | 2 X 24 | 25 X 53 | 22 Y 49 | 6중13 | 7≈58 | 3 X 11 | 26 X 42 | 23 ℃ 43 |
| 42S | 4346 | 6≈47 | 1 X 53 | 25 ¥ 06 | 21 7 47 | 5340 | 7≈35 | 2 X 40 | 25 X 55 | 22 \(\gamma 41 \) | 6중34 | 8≈24 | 3 X 26 | 26 × 44 | 23 Y 35 |
| 43S 44S | 5 궁 08 5 궁 31 | 7≈14 7≈41 | 2 ¥ 09 2 ¥ 26 | 25 X 09 25 X 12 | 21 \gamma 40 21 \gamma 32 | 6 3 02 6 3 25 | 8≈02 8≈28 | 2 X 56 3 X 12 | 25 \ 57 26 \ 00 | 22 Y 33 22 Y 26 | 6 궁 56 7 궁 18 | 8≈49 9≈16 | 3 X 42 3 X 57 | 26 \times 46 26 \times 48 | 23 Y 27 23 Y 19 |
| | | | | | | | | | | | | | | | |
| 45S 46S | 5정54 6정18 | 8≈09 8≈37 | 2 X 43 3 X 00 | 25 X 14 25 X 17 | 21 Y 24 21 Y 17 | 6 공 48 7 공 12 | 8≈56 9≈24 | 3 X 28 3 X 45 | 26 \times 02 26 \times 04 | 22 Y 18 22 Y 09 | 7 3 42 8 3 05 | 9≈43 10≈10 | 4 × 13 4 × 30 | 26 \times 49 26 \times 51 | 23 \(\cdot 11 \) 23 \(\cdot 02 \) |
| 47S | 6 공 43 | 9≈06 | 3 X 18 | 25 X 20 | 21 Y 08 | 7812 | 9≈52 | 4 X 02 | 26 × 06 | 22 Y 01 | 8중30 | 10≈10 | 4 X 46 | 26 X 53 | 22 Y 53 |
| 48S | 7중09 | 9≈36 | 3 X 35 | 25 X 23 | 21 γ 00 | 8중03 | 10≈21 | 4 X 19 | 26 × 09 | 21 Y 52 | 8중56 | 11≈07 | 5 ¥ 03 | 26 X 55 | 22°44 |
| 49S | 7중36 | 10≈06 | 3 ¥ 54 | 25 X 26 | 20 Υ 52 | 8중29 | 10≈51 | 4 ¥ 37 | 26¥11 | 21 Y 43 | 9중22 | 11≈37 | 5 ∺ 20 | 26 X 57 | 22 Ƴ 35 |
| 50S | 8중04 | 10≈37 | 4 ∺ 12 | 25 ¥ 28 | 20°Y43 | 8중57 | 11≈22 | 4 ¥ 55 | 26 X 14 | 21 Y 34 | 9궁50 | 12≈07 | 5 ¥ 38 | 26 X 59 | 22Y26 |
| 51S | 8중33 | 11≈09 | 4 ∺ 31 | 25 ¥ 31 | 20 Y 34 | 9궁26 | 11≈53 | 5 X 13 | 26¥16 | 21 Y 25 | 10궁19 | 12≈38 | 5 X 55 | 27 × 01 | 22 Y 16 |
| 52S | 9중03 | 11≈42 | 4 ¥ 50 | 25 ¥ 35 | 20Υ24 | 9중56 | 12≈26 | 5 X 32 | 26 × 19 | 21Υ15 | 10중48 | 13≈10 | 6¥13 | 27 × 03 | 22Υ06 |
| 53S 54S | 9 궁 35 10 궁 08 | 12≈16 12≈50 | 5 ¥ 09 5 ¥ 29 | 25 ¥ 38 25 ¥ 41 | 20 Y 15 20 Y 05 | 10중27 11중00 | 12≈59 13≈33 | 5 X 51 6 X 10 | 26 ¥ 21 26 ¥ 24 | 21 \(\psi 05 \) 20 \(\psi 55 \) | 11궁19 11궁52 | 13≈42 14≈16 | 6 X 32 6 X 51 | 27 ¥ 05 27 ¥ 07 | 21 \gamma 56 21 \gamma 45 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 10 궁 42 11 궁 18 | 13≈26 14≈03 | 5 X 50 6 X 11 | 25 X 44 25 X 47 | 19 Y 55 19 Y 44 | 11중34 12중10 | 14≈08 14≈45 | 6 X 30 6 X 50 | 26 \times 27 26 \times 29 | 20 ° 44 20 ° 33 | 12중26 13중01 | 14≈51 15≈26 | 7 X 10 7 X 30 | 27 ¥ 09 27 ¥ 11 | 21 Y 34 21 Y 23 |
| 57S | 11등18 | 14≈03 14≈41 | 6 X 32 | 25 X 47 | 19 Y 44 19 Y 33 | 12 5 10 12 5 47 | 14≈43 15≈22 | 7 X 11 | 26 H 29 | 20 Y 33 20 Y 22 | 13839 | 15≈26 | 7 X 50 | 27 X 11 27 X 14 | 21 Y 23 |
| 58S | 12 공 36 | 15≈20 | 6 X 54 | 25 X 54 | 19Υ22 | 13827 | 16≈00 | 7 X 32 | 26 × 35 | 20Υ10 | 14318 | 16≈41 | 8 X 11 | 27 × 16 | 20Υ59 |
| 59S | 13동18 | 16≈00 | 7 ∺ 17 | 25 X 58 | 19 Y 10 | 14궁08 | 16≈40 | 7 ∺ 54 | 26 | 19 Y 58 | 14궁59 | 17≈20 | 8 X 32 | 27 ¥ 19 | 20℃46 |
| 60S | 14궁02 | 16≈42 | 7 ∺ 40 | 26 X 02 | 18 Y 58 | 14궁52 | 17≈21 | 8 X 17 | 26¥41 | 19 ° 46 | 15842 | 18≈01 | 8 X 54 | 27 X 21 | 20Y33 |
| 61S | 14궁48 | 17≈26 | 8 X 04 | 26 × 06 | 18 Y 46 | 15중38 | 18≈04 | 8 X 40 | 26 X 45 | 19Υ32 | 16궁27 | 18≈42 | 9×16 | 27 X 24 | 20Υ19 |
| 62S | 15중37 | 18≈10 | 8 ∺ 28 | 26 X 10 | 18 Y 32 | 16궁26 | 18≈48 | 9 X 04 | 26¥48 | 19 Ƴ 19 | 17궁15 | 19≈26 | 9¥39 | 27 ¥ 26 | 20Y05 |
| 63S | 16중29 | 18≈57 | 8 X 53 | 26 × 14 | 18Υ19 | 17중18 | 19≈34 | 9 X 28 | 26 × 51 | 19Υ04 | 18306 | 20≈11 | 10 × 03 | 27 ¥ 29 | 19Υ50 |
| 64S | 17る24 | 19≈45 | 9 X 19 | 26 X 18 | 18 ⋎ 04 | 18중12 | 20≈21 | 9 X 53 | 26 X 55 | 18Ƴ49 | 19중00 | 20≈57 | 10 ¥ 28 | 27 X 32 | 19Ƴ34 |
| | | | _ | | | | | | | | | | | | |
| 65S | 18중23 | 20≈35 | 9 X 46 | 26 X 22 | 17°49 | 19중10 | 21≈10 | 10 X 19 | 26 ¥ 58 | 18 Y 34 | 19궁58 | 21≈46 | 10 X 53 | 27 ¥ 35 | 19Υ18 |
| | | 20≈35 21≈27 21≈57 | 9 X 46 10 X 14 10 X 29 | 26 \times 22 26 \times 27 26 \times 29 | 17°49 17°33 17°24 | 19궁10 20궁12 20궁49 | 21≈10 22≈02 22≈31 | 10 X 19 10 X 46 11 X 02 | 26 \times 58 27 \times 02 27 \times 04 | 18 Y 34 18 Y 17 18 Y 08 | 19중58 20중59 21중35 | 21≈46 22≈36 23≈05 | 10 X 53 11 X 19 11 X 34 | 27 ± 35 27 ± 38 27 ± 39 | 19°18 19°01 18°51 |

| | 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: | 56m A 97'59 | RMC: 2 | 239°00' |
|------------|----------------------------------|----------------------------------|--|--|-------------------------------------|----------------------------------|------------------------|--|--|---------------------------------------|--------------------------------|----------------------------------|--|--|--------------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 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 X 54 | 1808 |
| 1S | 27 ∡ 26 | 25중22 | 24≈57 | 26 X 45 | 28 Y 56 | 28 ∡ 21 | 26중19 | 25≈58 | 27 X 50 | 29 Y 59 | 29 ₹ 16 | 27중16 | 27≈00 | 28 X 55 | 1801 |
| 2S | 27 × 38 | 25841 | 25≈11 | 26 X 46 | 28Y50 | 28 🗷 33 | 26중37 | 26≈12 | 27 X 50 | 29Υ52 | 29 🗷 28 | 27834 | 27≈14 | 28 X 55 | 0855 |
| 3S 4S | 27 ₹ 50 28 ₹ 02 | 26 궁 00 26 궁 18 | 25≈25 25≈39 | 26 \times 47 26 \times 48 | 28 \(\cdot 44 \) 28 \(\cdot 38 \) | 28 ₹ 45 28 ₹ 57 | 26중56 27중15 | 26≈26 26≈40 | 27 ¥ 51 27 ¥ 52 | 29 \(\gamma 46 \) 29 \(\gamma 40 \) | 29 x 40 29 x 52 | 27중53 28중11 | 27≈27 27≈41 | 28 ¥ 55 28 ¥ 56 | 0848 0842 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 28 ∡ 14 28 ∡ 26 | 26 궁 37 26 궁 56 | 25≈53 26≈07 | 26 \times 50 26 \times 51 | 28 \gamma 32 28 \gamma 26 | 29 ∡ 09 29 ∡ 21 | 27중33 27중52 | 26≈53 27≈07 | 27 ¥ 53 27 ¥ 54 | 29 \gamma 34 29 \gamma 27 | 0중04 0중16 | 28 궁 30 28 궁 48 | 27≈54 28≈07 | 28 ¥ 56 28 ¥ 57 | 0835 0829 |
| 7S | 28 × 38 | 27중14 | 26≈21 | 26 × 52 | 28 Y 20 | 29 🗷 33 | 28중10 | 27≈20 | 27 X 54 | 29Υ21 | 0중28 | 29중06 | 28≈20 | 28 X 57 | 0823 |
| 8S | 28 द 50 | 27중33 | 26≈34 | 26 X 53 | 28 Y 14 | 29 ∡ 46 | 28중29 | 27≈34 | 27 X 55 | 29 Y 15 | 0중41 | 29중25 | 28≈33 | 28 X 57 | 0816 |
| 9S | 29 ₹ 03 | 27중51 | 26≈48 | 26 X 54 | 28Y08 | 29 ₹ 58 | 28중47 | 27≈47 | 27 ¥ 56 | 29℃09 | 0중53 | 29중43 | 28≈46 | 28 X 58 | 0810 |
| 10S | 29 ≉ 15 | 28중10 | 27≈01 | 26 X 56 | 28Y02 | 0동10 | 29중06 | 28≈00 | 27 X 57 | 29Y03 | 1중05 | 0≈01 | 28≈58 | 28 X 58 | 0803 |
| 118 | 29 🗷 27 | 28329 | 27≈15 | 26 X 57 | 27Υ56 | 0중22 | 29324 | 28≈13 | 27 ¥ 58 | 28Y56 | 1317 | 0≈19 | 29≈11 | 28 X 59 | 29Υ57 |
| 12S 13S | 29 ∡ 40 29 ∡ 52 | 28 궁 47 29 궁 06 | 27≈28 27≈41 | 26 \times 58 26 \times 59 | 27\gamma50 27\gamma44 | 0 궁 35 0 궁 47 | 29 ⋜ 42 0≈01 | 28≈26 28≈39 | 27 X 58 27 X 59 | 28 \gamma 50 28 \gamma 44 | 1중30 1중42 | 0≈38 0≈56 | 29≈24 29≈36 | 28 X 59 28 X 59 | 29 Y 51 29 Y 44 |
| 14S | 29×·32 0중05 | 29중25 | 27≈41 27≈54 | 20 X 39 | 27 Υ 44 27 Υ 38 | 1중00 | 0≈01 | 28≈51 | 28 X 00 | 28 Y 38 | 1842 | 1≈14 | 29≈30 29≈49 | 29 X 00 | 29 Y 38 |
| 15S | 0중18 | 29343 | 28≈07 | 27 X 01 | 27Υ32 | 1중13 | 0≈38 | 29≈04 | 28¥01 | 28 Y 32 | 2508 | 1≈33 | 0 X 01 | 29 ¥ 00 | 29Υ32 |
| 16S | 0중31 | 0≈02 | 28≈20 | 27 X 01 27 X 02 | 27 Y 32 | 1중26 | 0≈38 | 29≈04 29≈17 | 28 × 01 | 28 Y 25 | 2 5 08 | 1≈53 | 0 X 01 | 29 X 00 29 X 00 | 29 Y 32 |
| 17S | 0중44 | 0≈21 | 28≈33 | 27 × 04 | 27Y20 | 1중39 | 1≈15 | 29≈30 | 28 × 02 | 28 Y 19 | 2중33 | 2≈10 | 0 × 26 | 29 × 01 | 29Y19 |
| 18S | 0중57 | 0≈40 | 28≈46 | 27 X 05 | 27Υ14 | 1정52 | 1≈34 | 29≈42 | 28 ¥ 03 | 28Υ13 | 2547 | 2≈28 | 0 ∺ 38 | 29 X 01 | 29Υ12 |
| 19S | 1중10 | 0≈59 | 29≈00 | 27 ¥ 06 | 27℃07 | 2중05 | 1≈53 | 29≈55 | 28 ¥ 04 | 28℃07 | 3号00 | 2≈47 | 0 X 50 | 29 X 02 | 29℃06 |
| 20S | 1중23 | 1≈18 | 29≈13 | 27 ¥ 07 | 27Y01 | 2중18 | 2≈12 | 0 ¥ 08 | 28 ¥ 04 | 28Y00 | 3중13 | 3≈06 | 1 × 03 | 29 ¥ 02 | 28Y59 |
| 21S 22S | 1중37 1중51 | 1≈37 1≈57 | 29≈26 29≈39 | 27 ± 08 27 ± 09 | 26 \(\chi 55 \) 26 \(\chi 49 \) | 2 3 32 2 3 46 | 2≈31 2≈50 | 0 ¥ 20 0 ¥ 33 | 28 ¥ 05 28 ¥ 06 | 27\gamma54 27\gamma47 | 3 궁 27 3 궁 40 | 3≈24 3≈43 | 1 X 15 1 X 27 | 29 \(\pm\) 02 29 \(\pm\) 03 | 28 \gamma 53 28 \gamma 46 |
| 22S 23S | 2정05 | 2≈16 | 29≈59 29≈52 | 27 X 09 | 26 Y 43 | 3중00 | 3≈09 | 0 X 33 | 28 × 07 | 27 Y 41 | 3 8 54 | 4≈02 | 1 X 27 | 29 X 03 | 28 Y 39 |
| 24S | 2중19 | 2≈36 | 0 X 05 | 27 X 11 | 26Y36 | 3중14 | 3≈29 | 0 X 58 | 28 X 07 | 27 Y 35 | 4궁08 | 4≈22 | 1 X 52 | 29 X 03 | 28Y33 |
| 25S | 2중33 | 2≈56 | 0 X 18 | 27 X 13 | 26Y30 | 3중28 | 3≈48 | 1 X 11 | 28 X 08 | 27Y28 | 4323 | 4≈41 | 2 X 04 | 29 X 04 | 28 726 |
| 26S | 2348 | 3≈16 | 0 X 31 | 27 X 14 | 26Y24 | 3~343 | 4≈08 | 1 X 24 | 28 X 09 | 27Y21 | 4공37 | 5≈01 | 2 X 17 | 29 × 04 | 28Υ19 |
| 27S | 3동03 | 3≈36 | 0 ★ 44 | 27 ¥ 15 | 26Y17 | 3중58 | 4≈28 | 1 X 37 | 28 ¥ 10 | 27 Υ 15 | 4궁52 | 5≈20 | 2 X 29 | 29 ¥ 05 | 28 ℃ 12 |
| 288 | 3중18 | 3≈56 | 0 X 57 | 27 X 16 | 26Y11 | 4중13 | 4≈48 | 1 X 49 | 28 X 10 | 27°08 | 5307 | 5≈40 | 2 X 42 | 29 X 05 | 28Y05 |
| 29S | 3 공 33 | 4≈17 | 1 X 10 | 27 X 17 | 26 ℃ 04 | 4중28 | 5≈08 | 2 X 02 | 28¥11 | 27Υ01 | 5323 | 6≈00 | 2 × 54 | 29 X 05 | 27 ℃ 58 |
| 30S 31S | 3중49 4중05 | 4≈37 4≈59 | 1 X 24 1 X 37 | 27 X 18 27 X 19 | 25 \gamma 57 \\ 25 \gamma 51 | 4정44 5정00 | 5≈29 5≈50 | 2 X 15 2 X 28 | 28 ¥ 12 28 ¥ 13 | 26 ° 54 26 ° 47 | 5중38 5중54 | 6≈21 6≈41 | 3 × 07 3 × 19 | 29 \(\frac{1}{29}\) \(\frac{1}{20}\) (06 | 27 Y 51 27 Y 44 |
| 31S 32S | 4803 4 8 22 | 5≈20 | 1 X 51 | 27 X 19 | 25 Y 44 | 5중16 | 5≈30 6≈11 | 2 X 28 | 28 X 13 | 26 Y 40 | 6중10 | 7≈02 | 3 X 32 | 29 X 07 | 27 Y 36 |
| 33S | 4중38 | 5≈41 | 2 × 04 | 27 ¥ 22 | 25 Y 37 | 5중33 | 6≈32 | 2 X 55 | 28 X 14 | 26 Y 33 | 6 공 27 | 7≈23 | 3 X 45 | 29 × 07 | 27Y29 |
| 34S | 4궁55 | 6≈03 | 2 ∺ 18 | 27 X 23 | 25 Y 30 | 5중50 | 6≈54 | 3 ∺ 08 | 28 X 15 | 26℃26 | 6중44 | 7≈44 | 3 ¥ 58 | 29 ₩ 07 | 27℃22 |
| 35S | 5ਰ13 | 6≈26 | 2 ¥ 32 | 27 ¥ 24 | 25℃23 | 6중07 | 7≈16 | 3 ¥ 21 | 28 ¥ 16 | 26 ℃ 18 | 7중01 | 8≈06 | 4 ∺ 11 | 29 ₩ 08 | 27 ℃ 14 |
| 36S | 5중31 | 6≈48 | 2 X 46 | 27 ¥ 25 | 25 Y 15 | 6중25 | 7≈38 | 3 X 35 | 28 X 17 | 26Υ11 | 7궁19 | 8≈28 | 4 ¥ 24 | 29 ₩ 08 | 27Υ06 |
| 37S 38S | 5 정 49 6 정 08 | 7≈11 7≈34 | 3 ¥ 00 3 ¥ 14 | 27 X 27 | 25 \(\cdot 08 \) 25 \(\cdot 00 \) | 6 정 43 7 정 02 | 8≈01 8≈24 | 3 X 49 | 28 ¥ 18 28 ¥ 18 | 26 Y 03 25 Y 55 | 7 3 7 7 3 56 | 8≈50 9≈13 | 4 X 37 4 X 51 | 29 \times 09 29 \times 09 | 26 \gamma 58 \\ 26 \gamma 50 |
| 39S | 6 3 27 | 7≈34 7≈58 | 3 X 14 | 27 X 28 | 24 Y 53 | 7802 7 8 21 | 8≈47 | 4 X 02 | 28 X 19 | 25 Y 48 | 8중15 | 9≈13 | 5 X 04 | 29 X 09 | 26 Y 42 |
| 40S | 6ਰ47 | 8≈22 | 3 X 43 | 27 X 30 | 24 7 45 | 7중41 | 9≈11 | 4 ∺ 31 | 28¥20 | 25 Y 39 | 8334 | 9≈59 | 5 ± 18 | 29 X 10 | 26°734 |
| 41S | 7중07 | 8≈47 | 3 X 58 | 27 X 32 | 24 Y 37 | 8중01 | 9≈35 | 4 X 45 | 28 X 21 | 25Υ31 | 8 중 5 5 | 10≈23 | 5 X 32 | 29 X 10 | 26Y25 |
| 42S | 7중28 | 9≈12 | 4 ∺ 13 | 27 ¥ 33 | 24Y29 | 8중22 | 10≈00 | 4 ¥ 59 | 28 X 22 | 25 ℃ 23 | 9궁15 | 10≈48 | 5 ¥ 46 | 29 X 11 | 26Υ17 |
| 43S | 7중50 | 9≈37 | 4 ¥ 28 | 27 ¥ 34 | 24Y21 | 8843 | 10≈25 | 5 × 14 | 28 ¥ 23 | 25 Y 14 | 9중37 | 11≈12 | 6¥00 | 29 X 11 | 26Y08 |
| 44S | 8중12 | 10≈03 | 4 X 43 | 27 X 36 | 24 Y 12 | 9중05 | 10≈50 | 5 X 29 | 28 X 24 | 25℃06 | 9중59 | 11≈38 | 6 ∺ 15 | 29 X 12 | 25 ℃ 59 |
| 45S | 8 국 35 | 10≈30 | 4 × 59 | 27 X 37 | 24 Y 04 | 9 궁 28 | 11≈16 | 5 X 44 | 28 ¥ 24 | 24° 57 | 10321 | 12≈03 | 6 X 29 | 29 X 12 | 25°° 50 |
| 46S 47S | 8 궁 59 9 궁 23 | 10≈57 11≈24 | 5 X 14 5 X 31 | 27 ¥ 38 27 ¥ 40 | 23 \(\cdot 55 \) 23 \(\cdot 46 \) | 9 궁 52 10 궁 16 | 11≈43 12≈11 | 5 X 59 6 X 15 | 28 ¥ 25 28 ¥ 26 | 24 \gamma 47 24 \gamma 38 | 10중45 11중09 | 12≈30 12≈57 | 6 X 44 6 X 59 | 29 X 12 29 X 13 | 25 \(\chi 40 \) 25 \(\chi 30 \) |
| 48S | 9 3 49 | 11≈53 | 5 X 47 | 27 X 41 | 23 Y 36 | 10310 | 12≈38 | 6×31 | 28 X 27 | 24 Y 28 | 11834 | 13≈24 | 7 X 14 | 29 X 13 | 25Y20 |
| 49S | 10중15 | 12≈22 | 6 ∺ 03 | 27 X 43 | 23 ℃ 27 | 11궁08 | 13≈07 | 6 ∺ 47 | 28 X 28 | 24Ƴ19 | 12궁00 | 13≈52 | 7 ∺ 30 | 29 X 14 | 25 ℃ 10 |
| 50S | 10중43 | 12≈52 | 6 ∺ 20 | 27 X 44 | 23 Y 17 | 11중35 | 13≈36 | 7 ∺ 03 | 28 X 29 | 24Y08 | 12827 | 14≈21 | 7 | 29 X 14 | 25 ℃ 00 |
| 51S | 11211 | 13≈22 | 6 ∺ 38 | 27 X 45 | 23 Y 07 | 12중03 | 14≈07 | 7 ∺ 20 | 28 ¥ 30 | 23 Y 58 | 12궁55 | 14≈51 | 8 X 02 | 29 X 15 | 24 ℃ 49 |
| 52S | 11341 | 13≈54 | 6 X 55 | 27 X 47 | 22°57 | 12333 | 14≈37 | 7 X 37 | 28 X 31 | 23 Y 47 | 13325 | 15≈21 | 8 X 19 | 29 X 15 | 24Y38 |
| 53S 54S | 12号12 12号44 | 14≈26 14≈59 | 7 X 13 7 X 31 | 27 X 49 27 X 50 | 22 \gamma 46 22 \gamma 35 | 13중03 13중35 | 15≈09 15≈42 | 7 X 54 8 X 12 | 28 \ 32 28 \ 33 | 23 \gamma 36 23 \gamma 25 | 13号55 14号27 | 15≈52 16≈24 | 8 X 36 8 X 53 | 29 X 16 29 X 16 | 24\cdot 26 24\cdot 15 |
| 55S | 13중17 | 15≈33 | | 27 X 52 | 22 \ \ 22 \ \ 23 | 14중09 | 16≈15 | 8 X 30 | 28 X 34 | 23 Y 13 | 15800 | 16≈57 | 9 X 10 | 29 X 17 | 24 Y 02 |
| 56S | 13で17 13で53 | 15≈33 | 7 X 50 8 X 09 | 27 X 52 27 X 53 | 22 Y 23 22 Y 12 | 14등09 14등44 | 16≈13 | 8 X 30 | 28 H 34 28 H 35 | 23 \ \ 01 | 15 ~ 35 | 17≈31 | 9 X 10 | 29 X 17 | 24 Y 02 23 Y 50 |
| 57S | 14중29 | 16≈44 | 8 X 29 | 27 X 55 | 21 Y 59 | 15중20 | 17≈25 | 9 × 08 | 28 ¥ 37 | 22 Y 48 | 16중11 | 18≈06 | 9 X 47 | 29 X 18 | 23 Y 37 |
| 58S | 15중08 | 17≈21 | 8 X 49 | 27 X 57 | 21 Y 47 | 15궁59 | 18≈02 | 9 ∺ 27 | 28¥38 | 22 Y 35 | 16궁49 | 18≈42 | 10¥06 | 29 X 19 | 23 ℃ 23 |
| 59S | 15 공 49 | 18≈00 | 9 ∺ 10 | 27 X 59 | 21 Y 34 | 16중39 | 18≈40 | 9 X 47 | 28 X 39 | 22 Y 21 | 17る29 | 19≈20 | 10 ¥ 25 | 29 X 19 | 23 ℃ 09 |
| 60S | 16중32 | 18≈40 | 9 ₩ 31 | 28 ¥ 01 | 21Υ20 | 17중21 | 19≈19 | 10 ¥ 08 | 28 ¥ 40 | 22 ℃ 07 | 18중11 | 19≈58 | 10 X 45 | 29 ₩ 20 | 22 Y 54 |
| 618 | 17317 | 19≈21 | 9 X 53 | 28 × 03 | 21Υ06 | 18국06 | 19≈59 | 10 × 29 | 28 X 42 | 21 7 52 | 18355 | 20≈38 | 11 X 05 | 29 X 21 | 22Y39 |
| 62S 63S | 18 궁 04 18 궁 55 | 20≈04 20≈48 | 10 X 15 10 X 38 | 28 ¥ 05 28 ¥ 07 | 20 Y 51 20 Y 36 | 18 궁 53 19 궁 43 | 20≈41 21≈25 | 10 X 51 11 X 13 | 28 X 43 28 X 44 | 21 \gamma 37 21 \gamma 21 | 19중42 20중31 | 21≈19 22≈02 | 11 X 26 11 X 48 | 29 \times 21 29 \times 22 | 22 \cdot 23 \\ 22 \cdot 07 |
| 64S | 19 공 48 | 21≈34 | 11 X 02 | 28 × 09 | 20 Υ 19 | 20중36 | 22≈10 | 11 X 36 | 28 X 46 | 21 Y 04 | 21 중 23 | 22≈46 | 12 X 10 | 29 X 23 | 21 7 49 |
| | | | 1 | 1 | I | | I | | | | l . | | | | |
| 65S | 20중45 | 22≈21 | 11 X 26 | 28 ¥ 11 | 20Y02 | 21る32 | 22≈56 | 12×00 | 28 X 47 | 20 ° 47 | 22る19 | 23≈32 | 12 X 33 | 29 + 23 | 21 Υ 31 |
| 65S 66S | 20중45 21중45 | 22≈21 23≈10 | 11 ¥ 26 11 ¥ 51 | 28 X 11 28 X 13 | 20°702 19°745 | 21중32 22중32 | 22≈56 23≈45 | 12 ¥ 00 12 ¥ 24 | 28 X 47 28 X 49 | 20°47 20°28 | 22중19 23중18 | 23≈32 24≈19 | 12 ¥ 33 12 ¥ 57 | 29 \times 23 29 \times 24 | $21 \Upsilon 31$ $21 \Upsilon 12$ |

| | Sid.Tir MC: | | 00m A 05'22 | RMC: 2 | 40°00' | Sid.Tir MC: | | 04m A | RMC: 2 | 241°00' | Sid.Tir MC: | | 08m A 9'43 | RMC: 2 | 242°00' |
|--------------|----------------------------------|------------------------|--|--------------------------------|-----------------------------------|----------------------------------|----------------|--|------------------|--------------------|----------------------------------|----------------|--|---|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0300 | 27중54 | 27≈49 | 0 Υ 00 | 2810 | 0중55 | 28중52 | 28≈51 | 1 Υ 05 | 3813 | 1공50 | 29349 | 29≈54 | 2Υ10 | 4815 |
| 1S | 0동11 | 28중13 | 28≈02 | 0 Υ 00 | 2804 | 1중06 | 29중10 | 29≈04 | 1 ℃ 04 | 3806 | 2号02 | 0≈07 | 0 X 07 | 2Υ09 | 4808 |
| 2S | 0중23 | 28중31 | 28≈15 | 0Υ00 | 1857 | 1318 | 29중28 | 29≈17 | 1Υ04 | 2859 | 2813 | 0≈26 | 0 X 19 | 2Υ09 | 4801 |
| 3S | 0중35 | 28350 | 28≈29 | 0000 | 1850 | 1중30 | 29847 | 29≈30 20 42 | 1 Υ 04 | 2852 | 2825 | 0≈44 | 0 X 32 | 2Υ08 | 3854 |
| 4S | 0중47 | 29중08 | 28≈42 | 0Υ00 | 1844 | 1중42 | 0≈05 | 29≈43 | 1Υ03 | 2845 | 2337 | 1≈02 | 0 ¥ 44 | 2 Ƴ 07 | 3847 |
| 5S | 0중59 | 29중26 | 28≈54 20 07 | 0Υ00 | 1837 | 1중54 | 0≈23 | 29≈55 | 1 γ 03 | 2838 | 2349 | 1≈20 | 0 X 56 | 2Υ06 | 3840 |
| 6S 7S | 1정11 1정23 | 29 ප 44 0≈03 | 29≈07 29≈20 | 0 Υ 00 0 Υ 00 | 1830 1824 | 2 3 06 2 3 18 | 0≈41 0≈59 | 0 ¥ 08 0 ¥ 20 | 1 ℃ 02 1 ℃ 02 | 2832 2825 | 3 조 01 3 조 13 | 1≈37 1≈55 | 1 X 08 1 X 20 | 2°705 2°705 | 3833 3826 |
| 8S | 1336 | 0≈03 | 29≈32 | 0Υ00 | 1817 | 2 3 1 | 1≈17 | 0 X 32 | 1 γ 02 | 2818 | 3 3 26 | 2≈13 | 1 X 32 | 2 Υ 03 2 Υ 04 | 3819 |
| 9S | 1ਰ48 | 0≈39 | 29≈45 | 0Υ00 | 1811 | 2점43 | 1≈35 | 0 X 44 | 1Υ01 | 2811 | 3ਵ38 | 2≈31 | 1 X 43 | 2Υ03 | 3812 |
| 10S | 2중00 | 0≈57 | 29≈57 | 0 Υ 00 | 1804 | 2중55 | 1≈53 | 0 X 56 | 1 Υ 01 | 2805 | 3중50 | 2≈49 | 1 X 55 | 2Υ°02 | 3805 |
| 11S | 2ਰ12 | 1≈15 | 0 | 0Υ00 | 0858 | 3号07 | 2≈11 | 1 X 08 | 1 Υ 00 | 1858 | 4⋜02 | 3≈06 | 2 X 07 | 2Υ01 | 2858 |
| 12S | 2325 | 1≈33 | 0 ¥ 22 | 0Υ00 | 0851 | 3る20 | 2≈29 | 1 X 20 | 1Υ00 | 1851 | 4315 | 3≈24 | 2 X 18 | 2Υ01 | 2851 |
| 13S | 2중37 | 1≈51 | 0 X 34 | 0Υ00 | 0844 | 3중32 | 2≈47 | 1 X 32 | 1Υ00 | 1844 | 4327 | 3≈42 | 2 X 30 | 2Υ00 | 2844 |
| 14S | 2궁50 | 2≈09 | 0 X 46 | 0Υ00 | 0838 | 3ਰ45 | 3≈05 | 1 X 43 | 0Υ59 | 1838 | 4중40 | 4≈00 | 2 X 41 | 1Υ59 | 2837 |
| 15S | 3 군 03 | 2≈28 | 0 X 58 | 0Υ00 0Υ00 | 0831 | 3 공 57 | 3≈23 | 1 X 55 | 0Υ59 | 1831 | 4 공 52 | 4≈17 | 2 X 52 | 1Υ58 | 2830 |
| 16S 17S | 3 당 15 3 당 28 | 2≈46 3≈04 | 1 X 10 1 X 22 | 0Υ00 0Υ00 | 0825 0818 | 4 3 10 4 3 23 | 3≈41 3≈59 | 2 ¥ 07 2 ¥ 18 | 0Υ59 0Υ58 | 1824 1817 | 5 3 05 5 3 18 | 4≈35 4≈53 | 3 X 04 3 X 15 | 1 ℃ 58 1 ℃ 57 | 2823 2816 |
| 17S 18S | 3 5 28 | 3≈04 | 1 X 22 | 0Υ00 0Υ00 | 0811 | 4 8 23 | 4≈17 | 2 X 18 | 0Υ58 | 1810 | 5중31 | 5≈11 | 3 X 13 | 1 Υ 5 / | 2809 |
| 19S | 3ਰ55 | 3≈41 | 1 X 46 | 0Υ00 | 0805 | 4정49 | 4≈35 | 2 X 42 | 0Υ57 | 1803 | 5정44 | 5≈29 | 3 X 37 | 1Υ55 | 2802 |
| 20S | 4궁08 | 3≈59 | 1 X 58 | 0 Υ 00 | 29⋎58 | 5중03 | 4≈53 | 2 X 53 | 0 Υ 57 | 0857 | 5공57 | 5≈47 | 3 X 49 | 1 Υ 55 | 1855 |
| 21S | 4중21 | 4≈18 | 2 × 10 | 0Υ00 | 29℃51 | 5ਰ16 | 5≈12 | 3 X 05 | 0℃57 | 0850 | 6 ਫ 11 | 6≈06 | 4 ¥ 00 | 1Υ54 | 1848 |
| 22S | 4ਰ35 | 4≈37 | 2 X 22 | 0Υ00 | 29Ƴ44 | 5중30 | 5≈30 | 3 X 16 | 0Υ56 | 0843 | 6중24 | 6≈24 | 4 ₩11 | 1Υ53 | 1841 |
| 238 | 4 3 49 | 4≈56 | 2 X 34 | 0000 | 29 \gamma 37 29 \gamma 31 | 5 3 44 | 5≈49 | 3 ¥ 28 | 0Υ56 | 0836 | 6중38 | 6≈42 | 4 ¥ 22 | 1 Υ 52 | 1834 |
| 24S | 5중03 | 5≈15 | 2 X 46 | 0 Υ 00 | | 5중58 | 6≈08 | 3 X 40 | 0Υ56 | 0828 | 6중52 | 7≈01 | 4¥33 | 1 Y 52 | 1826 |
| 25S | 5 日 17 5 日 32 | 5≈34 5≈53 | 2 X 58 | 0Υ00 0Υ00 | 29 ° 24 29 ° 17 | 6 궁 12 6 궁 26 | 6≈27 | 3 X 51 4 X 03 | 0Υ55 0Υ55 | 0821 0814 | 7 3 06 7 3 21 | 7≈20 | 4 1 4 4 5 | 1Υ51 1Υ50 | 1819 1811 |
| 26S 27S | 5 ~ 32 | 5≈33 | 3 X 10 3 X 22 | 0Υ00 0Υ00 | 29 Y 17 | 6 3 41 | 6≈46 7≈05 | 4 X 03 | 0Υ33 0Υ54 | 0807 | 7836 | 7≈38 7≈57 | 4 X 56 5 X 07 | 1 Υ 30 1 Υ 49 | 1804 |
| 28S | 6 궁 02 | 6≈32 | 3 X 34 | 0Υ00 | 29Υ02 | 6중56 | 7≈24 | 4 X 26 | 0Υ54 | 29 Y 59 | 7중50 | 8≈17 | 5 X 19 | 1Υ49 | 0856 |
| 29S | 6궁17 | 6≈52 | 3 ¥ 46 | 0 Υ 00 | 28 Y 55 | 7ਰ11 | 7≈44 | 4 ∺ 38 | 0Υ54 | 29 Y 52 | 8중06 | 8≈36 | 5 X 30 | 1 ℃48 | 0849 |
| 30S | 6333 | 7≈12 | 3 X 58 | 0 Υ 00 | 28Ƴ48 | 7云27 | 8≈04 | 4 X 50 | 0Υ53 | 29Ƴ44 | 8중21 | 8≈55 | 5 X 41 | 1 Ƴ 47 | 0841 |
| 31S | 6 궁 48 | 7≈33 | 4 ∺ 11 | 0 Υ 00 | 28Ƴ40 | 7중43 | 8≈24 | 5 X 02 | 0 Υ 53 | 29 Y 37 | 8중37 | 9≈15 | 5 X 53 | 1 Y 46 | 0833 |
| 32S | 7중05 | 7≈53 | 4 × 23 | 0Υ00 | 28Y33 | 7정59 | 8≈44 | 5 X 14 | 0Υ52 | 29Y29 | 8중53 | 9≈35 | 6 X 05 | 1 γ 45 | 0825 |
| 33S 34S | 7 る 21 7 る 38 | 8≈14 8≈35 | 4 X 35 4 X 48 | 0 Υ 00 0 Υ 00 | 28 Y 25 28 Y 17 | 8 국 15 8 국 32 | 9≈05 9≈25 | 5 X 26 5 X 38 | 0 ℃ 52 0 ℃ 52 | 29Υ21 29Υ13 | 9 3 09 9 3 26 | 9≈55 10≈16 | 6 ¥ 16 6 ¥ 28 | 1 ° 45 1 ° 44 | 0817 0809 |
| | | | | | 28Y09 | | | | | 29Υ05 | | | | | |
| 35S 36S | 7 さ 55 8 さ 13 | 8≈56 9≈18 | 5 X 01 5 X 13 | 0Υ00 0Υ00 | 28Y09 28Y01 | 8 3 49 9 3 07 | 9≈47 10≈08 | 5 X 50 6 X 02 | 0Υ51 0Υ51 | 29°703 | 9 3 43 | 10≈37 10≈58 | 6 X 40 6 X 52 | 1 ° 43 1 ° 42 | 0800 29 Y 52 |
| 37S | 8중31 | 9≈40 | 5 X 26 | 0Υ00 | 27Υ53 | 9중25 | 10≈30 | 6 X 15 | 0Υ50 | 28 Y 48 | 10중18 | 11≈19 | 7 X 04 | 1Υ41 | 29°Y43 |
| 38S | 8 궁 49 | 10≈02 | 5 X 39 | 0Υ00 | 27Ƴ45 | | 10≈52 | 6 ∺ 28 | 0Υ50 | 28 Y 40 | 10중37 | 11≈41 | 7 ₩ 16 | 1 Ƴ 41 | 29 Y 35 |
| 39S | 9 궁 08 | 10≈25 | 5 X 52 | 0 Υ 00 | 27 Ƴ 37 | 10중02 | 11≈14 | 6 X 40 | 0 Υ 50 | 28Y31 | 10궁56 | 12≈03 | 7 ∺ 28 | 1 Ƴ 40 | 29℃26 |
| 40S | 9궁28 | 10≈48 | 6 ₩ 06 | 0 Y 00 | 27Ƴ28 | 10중21 | 11≈37 | 6 X 53 | 0Υ49 | 28Y22 | 11중15 | 12≈25 | 7 ∺ 41 | 1 Y 39 | 29 Y 16 |
| 41S | 9정48 | 11≈12 | 6 X 19 | 0Υ00 | 27Υ19 | 10중41 | 12≈00 | 7 X 06 | 0Υ49 | 28Υ13 | 11835 | 12≈48 | 7 X 53 | 1Υ38 | 29Y07 |
| 42S 43S | 10궁09 10궁30 | 11≈36 12≈00 | 6 X 33 | 0°00 0°00 | 27 Y 10 27 Y 01 | 11중02 11중23 | 12≈24 12≈48 | 7 X 19 7 X 33 | 0Ƴ48 0Ƴ48 | 28 Y 04 27 Y 55 | 11궁55 12궁16 | 13≈12 13≈35 | 8 X 06 8 X 19 | 1 Y 37 1 Y 36 | 28 Y 58 28 Y 48 |
| 43S 44S | 10で30 10で52 | 12≈00 | 7 X 00 | 0Υ00 0Υ00 | 26 Y 52 | 11 6 23 | 12≈48 | 7 X 33 | 0Υ48 0Υ48 | 27 Y 45 | 12838 | 13≈55 | 8 X 32 | 1 γ 36 | 28 Y 38 |
| 45S | 11궁14 | 12≈50 | 7 ∺ 14 | 0Υ00 | 26 Υ 42 | 12중07 | 13≈37 | 8 X 00 | 0Υ47 | 27Y35 | 13云00 | 14≈24 | 8 X 45 | 1Υ35 | 28Y28 |
| 46S | 11338 | 12≈30 | 7 X 29 | 0Υ00 0Υ00 | 26 Y 33 | 12 3 31 | 14≈03 | 8 X 14 | 0Υ47 | 27 Y 25 | 13 8 00 | 14≈49 | 8 X 59 | 1 γ 33 1 γ 34 | 28 Y 18 |
| 47S | 12号02 | 13≈43 | 7 ∺ 43 | 0 Υ 00 | 26Ƴ23 | 12궁54 | 14≈29 | 8 X 28 | 0Υ46 | 27Y15 | 13중47 | 15≈15 | 9 X 12 | 1Ƴ33 | 28Ƴ07 |
| 48S | 12327 | 14≈10 | 7 ¥ 58 | 0Υ00 | 26Y12 | 13중19 | 14≈55 | 8 X 42 | 0Υ46 | 27Y04 | 14312 | 15≈41 | 9 × 26 | 1 Υ 32 | 27Y56 |
| 49S | 12궁53 | 14≈38 | 8 X 13 | 0Υ00 | 26℃02 | 13중45 | 15≈23 | 8 X 57 | 0℃45 | 26 Y 53 | 14중37 | 16≈08 | 9 X 40 | 1Ƴ31 | 27Ƴ45 |
| 50S | 13 る 20 | 15≈06 | 8 X 29 | 0000 | 25°751 | 14중12 | 15≈51 | 9 X 12 | 0Υ45 | 26°42 | 15중04 | 16≈35 | 9 X 55 | 1 γ 30 | 27Y33 |
| 51S 52S | 13 공 47 14 공 16 | 15≈35 16≈05 | 8 X 45 9 X 01 | 0 Υ 00 0 Υ 00 | 25 \(\chi 40 \) 25 \(\chi 28 \) | 14궁39 15궁08 | 16≈19 16≈49 | 9 X 27 9 X 42 | 0Ƴ44 0Ƴ44 | 26 Y 31 26 Y 19 | 15 궁 31 16 궁 00 | 17≈04 17≈33 | 10 ¥ 09 10 ¥ 24 | 1 ° 29 1 ° 28 | 27\cdot\cdot\cdot\cdot\cdot\cdot\cdot\cdot |
| 53S | 14 5 10 | 16≈03 | 9 X 17 | 0Υ00 0Υ00 | 25 Y 17 | 15 중 38 | 17≈19 | 9 X 42 | 0Υ44 0Υ43 | 26 Y 19 26 Y 07 | 16829 | 17≈33 | 10 X 24 | 1 Υ 28 1 Υ 27 | 26Y57 |
| 54S | 15중18 | 17≈07 | 9 X 33 | 0Υ00 | 25 Y 04 | 16궁09 | 17≈50 | 10 X 14 | 0Υ43 | 25 Y 54 | 17중00 | 18≈33 | 10 X 55 | 1Υ26 | 26°744 |
| 55S | 15중51 | 17≈40 | 9 + 51 | 0 Υ 00 | 24 Υ 52 | 16궁42 | 18≈22 | 10 ∺ 31 | 0Υ42 | 25 Y 41 | 17る32 | 19≈04 | 11 X 11 | 1 Υ 25 | 26 Y 30 |
| 56S | 16궁25 | 18≈13 | 10 ∺ 08 | 0 Υ 00 | 24Ƴ39 | 17중16 | 18≈55 | 10 ¥ 48 | 0Ƴ42 | 25 ℃ 28 | 18중06 | 19≈36 | 11 X 27 | 1 ℃ 24 | 26Ƴ17 |
| 57S | 17중01 | 18≈47 | 10 × 26 | 0Υ00 | 24Y25 | 17중51 | 19≈28 | 11 X 05 | 0Υ41 | 25 Y 14 | 18342 | 20≈10 | 11 X 44 | 1 Υ 22 | 26Y02 |
| 58S | 17 さ 39 18 さ 18 | 19≈23 19≈59 | 10 X 44 | 0°00 | 24°11 | 18 궁 29 19 궁 08 | 20≈03 20≈39 | 11 ¥ 22 | 0 ° 40 0 ° 40 | 24 Y 59 24 Y 44 | 19 궁 19 19 궁 57 | 20≈44 21≈19 | 12 ¥ 01 | 1 Υ 21 1 Υ 20 | 25 Y 47 25 Y 32 |
| 598 | | | 11 X 03 | 0000 | 23 \ 757 | | | 11 X 40 | | | | | 12 X 18 | | |
| 60S 61S | 19る00 19る44 | 20≈37 21≈16 | 11 X 22 11 X 42 | 0Υ00 0Υ00 | 23 \gamma 41 23 \gamma 26 | 19궁49 20궁32 | 21≈16 21≈55 | 11 X 59 12 X 18 | 0Ƴ39 0Ƴ38 | 24 Y 29 24 Y 12 | 20중38 21중21 | 21≈56 22≈33 | 12 ¥ 36 12 ¥ 55 | 1 1 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 25 Y 16 24 Y 59 |
| 62S | 20 궁 30 | 21≈10 21≈57 | 12 × 02 | 0Υ00 0Υ00 | 23 Y 20 23 Y 09 | 20832 | 21≈33 22≈34 | 12 X 18 | 0Υ38 | 24 Y 12 23 Y 55 | 21821 22 8 06 | 22≈33 23≈12 | 12 X 33 | 1Υ17 1Υ16 | 24 Y 39 |
| 63S | 21궁19 | 22≈39 | 12 X 23 | 0Υ00 | 22 Y 52 | 22중07 | 23≈16 | 12 X 58 | 0Υ37 | 23 Y 38 | 22354 | 23≈53 | 13 ¥ 33 | 1Υ15 | 24℃23 |
| 64S | 22ਰ11 | 23≈22 | 12 X 44 | 0 Υ 00 | 22Ƴ34 | 22중58 | 23≈58 | 13 X 19 | 0Υ36 | 23 Y 19 | 23중45 | 24≈34 | 13 ¥ 53 | 1Υ13 | 24Ƴ04 |
| 65S | 23중05 | 24≈07 | 13 ∺ 07 | 0 Υ 00 | 22 Y 16 | 23중52 | 24≈42 | 13 ∺ 40 | 0 Ƴ 36 | 23 Y 00 | 24중38 | 25≈18 | 14 X 14 | 1 Y 12 | 23 ℃ 44 |
| 66S | 24궁04 | 24≈54 | 13 ¥ 30 | 0Υ00 | 21Υ56 | 24중50 | 25≈28 | 14 × 02 | 0Υ35 | 22 7 40 | 25중35 | 26≈03 | 14 × 35 | 1Υ10 | 23 Y 23 |
| pc | 24중38 | 25≈21 | 13 X 43 | 0 Υ 00 | 21 ℃ 44 | 25중23 | 25≈55 | 14 X 15 | 0Υ35 | 22 ℃ 28 | 26궁09 | 26≈29 | 14 X 47 | 1Υ10 | 23 Ƴ 11 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | ne: 16h 4 <i>₹</i> 5 | 12m A 6'41 | RMC: 2 | 243°00' | Sid.Tir MC: | | 16m A | RMC: 2 | 244°00' | Sid.Tir 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 |
| os | 22ਰ45 | 0≈47 | 0 X 57 | 3Υ16 | 5817 | 3중40 | 1≈45 | 2 X 00 | 4 Υ 21 | 6819 | 4중35 | 2≈43 | 3 X 03 | 5 Υ 26 | 7821 |
| 1S | 2중57 | 1≈05 | 1 X 09 | 3 ⋎ 14 | 5810 | 3중52 | 2≈03 | 2 X 12 | 4 Ƴ 19 | 6811 | 4중47 | 3≈00 | 3 X 15 | 5 Ƴ 24 | 7813 |
| 2S | 3중09 | 1≈23 | 1 X 21 | 3Υ13 | 5802 | 4중04 | 2≈20 | 2 X 23 | 4Υ18 | 6804 | 4궁59 | 3≈18 | 3 X 26 | 5Υ22 | 7805 |
| 3S 4S | 3중20 3중32 | 1≈41 1≈59 | 1 X 33 1 X 45 | 3Υ12 3Υ11 | 4855 4848 | 4중16 4중27 | 2≈38 2≈56 | 2 X 35 2 X 47 | 4Υ16 4Υ14 | 5857 5849 | 5정11 5정22 | 3≈36 3≈53 | 3 ¥ 37 3 ¥ 48 | 5 ° 20 5 ° 18 | 6858 6850 |
| - 1 | | | | | | | | | | | | | | | |
| 5S 6S | 3 공 44 3 공 56 | 2≈16 2≈34 | 1 X 57 2 X 09 | 3 Y 09 3 Y 08 | 4841 4834 | 4 3 39 4 3 51 | 3≈13 3≈31 | 2 X 58 3 X 09 | 4Υ13 4Υ11 | 5842 5835 | 5 공 34 5 공 46 | 4≈11 4≈28 | 3 × 59 4 × 10 | 5Υ16 5Υ14 | 6843 6835 |
| 7S | 4정08 | 2≈52 | 2 X 20 | 3Υ07 | 4827 | 5중03 | 3≈49 | 3 × 20 | 4Υ10 | 5827 | 5중58 | 4≈45 | 4×21 | 5Υ12 | 6828 |
| 8S | 4중21 | 3≈09 | 2 X 32 | 3Υ06 | 4820 | 5ਰ15 | 4≈06 | 3 X 32 | 4Υ08 | 5820 | 6궁10 | 5≈03 | 4 X 32 | 5 ⋎ 10 | 6820 |
| 9S | 4중33 | 3≈27 | 2 X 43 | 3Υ05 | 4812 | 5중28 | 4≈23 | 3 X 43 | 4Υ06 | 5813 | 6중23 | 5≈20 | 4 ¥ 42 | 5Υ08 | 6813 |
| 10S | 4중45 | 3≈45 | 2 X 54 | 3 ⋎ 03 | 4805 | 5る40 | 4≈41 | 3 X 53 | 4Υ05 | 5805 | 6중35 | 5≈37 | 4 X 53 | 5Υ06 | 6805 |
| 118 | 4정57 | 4≈02 | 3 X 05 | 3Υ02 | 3858 | 5정52 | 4≈58 | 4 X 04 | 4Υ03 | 4858 | 6347 | 5≈54 | 5 X 03 | 5Υ04 | 5858 |
| 12S 13S | 5 て 09 5 て 22 | 4≈20 4≈37 | 3 X 17 3 X 28 | 3 ⋎ 01 3 ⋎ 00 | 3851 3844 | 6 3 04 6 3 17 | 5≈16 5≈33 | 4 X 15 4 X 26 | 4Υ02 4Υ00 | 4851 4844 | 6 궁 59 7 궁 12 | 6≈11 | 5 X 14 5 X 24 | 5Υ02 5Υ00 | 5850 5843 |
| 14S | 5 3 34 | 4≈55 | 3 X 39 | 2Υ59 | 3837 | 6 3 29 | 5≈50 | 4 X 36 | 3Υ59 | 4836 | 7 3 12 7 3 24 | 6≈46 | 5 X 34 | 4Υ58 | 5836 |
| 15S | 5중47 | 5≈13 | 3 X 50 | 2 Y 58 | 3830 | 6중42 | 6≈08 | 4 X 47 | 3 Υ 57 | 4829 | 7중37 | 7≈03 | 5 X 44 | 4Υ57 | 5828 |
| 16S | 6중00 | 5≈13 5≈30 | 4 × 01 | 2Υ57 | 3823 | 6 3 55 | 6≈25 | 4 X 58 | 3Υ56 | 4822 | 7 3 37 | 7≈03 7≈20 | 5 X 55 | 4Υ55 | 5821 |
| 17S | 6 궁 13 | 5≈48 | 4 ₩11 | 2Y55 | 3815 | 7중07 | 6≈43 | 5 X 08 | 3か54 | 4814 | 8중02 | 7≈37 | 6¥05 | 4 Ƴ 53 | 5813 |
| 18S | 6 궁 26 | 6≈06 | 4 × 22 | 2Υ54 | 3808 | 7중20 | 7≈00 | 5 X 19 | 3Υ53 | 4807 | 8중15 | 7≈55 | 6¥15 | 4Υ51 | 5805 |
| 19S | 6중39 | 6≈23 | 4 ¥ 33 | 2 Υ 53 | 3801 | 7중33 | 7≈18 | 5 X 29 | 3 Υ 51 | 3859 | 8중28 | 8≈12 | 6¥25 | 4Υ49 | 4858 |
| 20S | 6 궁 52 | 6≈41 6×40 | 4 X 44 | 2Υ52 | 2854 | 7 3 47 | 7≈35 | 5 × 40 | 3Υ50 | 3852 | 8 공 41 | 8≈30 8×47 | 6 X 35 | 4Υ47 | 4850 |
| 21S 22S | 7 る 05 7 る 19 | 6≈59 7≈17 | 4 X 55 5 X 06 | 2Υ51 2Υ50 | 2846 2839 | 8 3 00 8 3 14 | 7≈53 8≈11 | 5 X 50 6 X 00 | 3 ° 48 3 ° 47 | 3844 3837 | 8 궁 55 9 궁 08 | 8≈47 9≈05 | 6 X 45 6 X 55 | 4Υ45 4Υ43 | 4842 4835 |
| 23S | 7833 | 7≈36 | 5 X 17 | 2Υ49 | 2831 | 8중27 | 8≈29 | 6×11 | 3Υ45 | 3829 | 9 중 22 | 9≈23 | 7 X 05 | 4Υ41 | 4827 |
| 24S | 7중47 | 7≈54 | 5 ∺ 27 | 2Ƴ48 | 2824 | 8중41 | 8≈47 | 6 ∺ 21 | 3Ƴ44 | 3821 | 9중36 | 9≈40 | 7 ₩ 15 | 4 Ƴ 40 | 4819 |
| 25S | 8 궁 01 | 8≈12 | 5 X 38 | 2 Y 46 | 2816 | 8중55 | 9≈05 | 6 ¥ 32 | 3 ℃ 42 | 3814 | 9350 | 9≈58 | 7 ∺ 26 | 4 Υ 38 | 4811 |
| 26S | 8중15 | 8≈31 | 5 X 49 | 2 Y 45 | 2809 | 9궁10 | 9≈24 | 6 ¥ 42 | 3 Ƴ 41 | 3806 | 10궁04 | 10≈16 | 7 ∺ 36 | 4 Υ 36 | 4803 |
| 27S | 8중30 | 8≈50 | 6¥00 | 2Υ44 | 2801 | 9중24 | 9≈42 | 6 X 53 | 3Υ39 | 2858 | 10중18 | 10≈35 | 7 × 46 | 4Υ34 | 3855 |
| 28S 29S | 8 궁 45 9 궁 00 | 9≈09 9≈28 | 6 X 11 6 X 22 | 2 ° 43 2 ° 42 | 1853 1845 | 9 궁 39 9 궁 54 | 10≈01 10≈20 | 7 X 04 7 X 14 | 3 Y 38 3 Y 36 | 2850 2842 | 10중33 10중48 | 10≈53 11≈12 | 7 ¥ 56 8 ¥ 06 | 4 Y 32 4 Y 30 | 3847 3838 |
| - 1 | | | | | | | | | | | | | | | |
| 30S 31S | 9 궁 15 9 궁 31 | 9≈47 10≈07 | 6 X 33 | 2Ƴ41 2Ƴ40 | 1837 1829 | 10궁09 10궁25 | 10≈39 10≈58 | 7 X 25 7 X 36 | 3 \cdot 34 3 \cdot 33 | 2834 2825 | 11 궁 03 | 11≈30 11≈49 | 8 X 17 8 X 27 | 4℃28 4℃26 | 3830 3821 |
| 32S | 9 3 47 | 10≈26 | 6 × 55 | 2Υ38 | 1821 | 10중41 | 11≈17 | 7 X 46 | 3Υ31 | 2817 | 11335 | 12≈09 | 8 X 37 | 4Υ24 | 3813 |
| 33S | 10중03 | 10≈46 | 7 ∺ 07 | 2 Y 37 | 1813 | 10궁57 | 11≈37 | 7 X 57 | 3Y30 | 2808 | 11공51 | 12≈28 | 8 X 48 | 4 Ƴ 22 | 3804 |
| 34S | 10궁20 | 11≈07 | 7 ∺ 18 | 2Υ36 | 1804 | 11궁14 | 11≈57 | 8 X 08 | 3Υ28 | 2800 | 12중07 | 12≈48 | 8 X 58 | 4Υ20 | 2855 |
| 35S | 10중37 | 11≈27 | 7 ¥ 29 | 2Υ35 | 0856 | 11중31 | 12≈17 | 8 X 19 | 3 ℃ 27 | 1851 | 12324 | 13≈08 | 9 × 09 | 4Υ18 | 2846 |
| 36S 37S | 10 る 54 11 る 12 | 11≈48 12≈09 | 7 X 41 7 X 53 | 2 ° 34 2 ° 32 | 0847 0838 | 11중48 12중06 | 12≈38 12≈59 | 8 X 30 8 X 42 | 3 ° 25 3 ° 23 | 1842 1833 | 12 3 41 12 3 59 | 13≈28 13≈48 | 9 X 20 9 X 30 | 4Υ16 4Υ14 | 2837 2828 |
| | | 12≈30 | | 2 γ 32 2 γ 31 | | 12800 | 12≈39 | 8 X 53 | | | 13817 | | 9 X 30 | 4Υ12 | 2818 |
| 39S | 11349 | 12≈52 | 8 X 16 | 2Υ30 | 0820 | 12342 | 13≈41 | 9 X 04 | 3Υ20 | 1814 | 13중36 | 14≈30 | 9 X 52 | 4Υ10 | 2808 |
| 40S | 12궁08 | 13≈14 | 8 X 28 | 2 Y 29 | 0811 | 13중01 | 14≈03 | 9 | 3Υ18 | 1805 | 13중55 | 14≈51 | 10 X 03 | 4Υ08 | 1859 |
| 41S | 12528 | 13≈37 | 8 X 40 | 2Ƴ27 | 0801 | 13중21 | 14≈25 | 9 ₩ 28 | 3 ⋎ 17 | 0855 | 14궁14 | 15≈13 | 10 ∺ 15 | 4Υ06 | 1849 |
| 42S | 12348 | 13≈59 | 8 X 53 | 2Υ26 | 29Υ51 | 13341 | 14≈47 | 9 X 39 | 3Υ15 | 0845 | 14334 | 15≈35 | 10 × 26 | 4Υ04 | 1838 |
| 43S 44S | 13 る 09 13 る 31 | 14≈23 14≈47 | 9 X 05 | 2 ° 25 2 ° 23 | 29°41 29°31 | 14궁02 14궁23 | 15≈10 15≈34 | 9 X 51 10 X 03 | 3Υ13 3Υ11 | 0835 | 14궁55 | 15≈58 16≈21 | 10 ¥ 38 10 ¥ 49 | 4 ° 02 3 ° 59 | 1828 1817 |
| - 1 | | | 9 X 18 | | | | 15≈34 | | | 0824 | 15316 | | | | |
| 45S 46S | 13 궁 53 14 궁 16 | 15≈11 15≈36 | 9 X 30 9 X 43 | 2Ŷ22 2Ŷ21 | 29°21 29°10 | 14궁45 15궁08 | 15≈58 16≈22 | 10 ¥ 16 10 ¥ 28 | 3Υ10 3Υ08 | 0813 0803 | 15중38 16중00 | 16≈44 17≈08 | 11 X 01 11 X 13 | 3 ℃ 57 3 ℃ 55 | 1806 0855 |
| 47S | 14 공 39 | 15≈50 16≈01 | 9 X 57 | 2Υ19 | 28 Y 59 | 15 급 32 | 16≈47 | 10 × 41 | 3Υ06 | 29\gamma51 | 16중24 | 17≈33 | 11 X 25 | 3Υ53 | 0843 |
| 48S | 15る04 | 16≈27 | 10 ¥ 10 | 2Υ18 | 28 Y 48 | 15중56 | 17≈12 | 10 ¥ 54 | 3Υ04 | 29 Y 40 | 16중48 | 17≈58 | 11 X 38 | 3 ⋎ 50 | 0832 |
| 49S | 15る29 | 16≈53 | 10 ¥ 24 | 2 Υ 17 | 28Ƴ36 | 16중21 | 17≈38 | 11 X 07 | 3 ⋎ 02 | 29℃28 | 17중13 | 18≈23 | 11 X 50 | 3℃48 | 0819 |
| 50S | 15855 | 17≈20 | 10 × 37 | 2Υ15 | 28℃25 | 16중47 | 18≈05 | 11 X 20 | 3Υ00 | 29Υ16 | 17중39 | 18≈49 | 12 ¥ 03 | 3Υ45 | 0807 |
| 51S | 16 궁 23 | 17≈48 | 10 X 52 | 2Υ14 | 28 Y 12 28 Y 00 | 17 3 14 | 18≈32 19≈00 | 11 X 34 | 2°758 2°756 | 29 Y 03 | 18 궁 05 | 19≈16 19≈44 | 12 ¥ 16 | 3 Υ 43 | 29 Y 54 29 Y 41 |
| 52S 53S | 16궁51 17궁20 | 18≈16 18≈45 | 11 X 06 11 X 21 | 2Υ12 2Υ10 | 28 Y 00 27 Y 47 | 17중42 18중11 | 19≈00 19≈29 | 11 X 48 12 X 02 | 2Υ56 2Υ54 | 28 Y 50 28 Y 37 | 18 궁 33 19 궁 02 | 19≈44 20≈12 | 12 ¥ 30 12 ¥ 43 | 3 \cdot 40 3 \cdot 38 | 29\frac{41}{29\frac{7}{27}} |
| 54S | 17 공 51 | 19≈15 | 11 X 36 | 2Υ09 | 27 Y 34 | 18중42 | 19≈58 | 12 X 16 | 2Υ52 | 28 Y 23 | 19중32 | 20≈41 | 12 X 57 | 3Υ35 | 29Y13 |
| 55S | 18중23 | 19≈46 | 11 X 51 | 2 Y 07 | 27 Y 20 | 19궁14 | 20≈28 | 12 X 31 | 2Υ50 | 28Y09 | 20중04 | 21≈11 | 13 X 11 | 3 Ƴ 32 | 28 Y 58 |
| 56S | 18궁57 | 20≈18 | 12 ¥ 07 | 2Υ06 | 27Y05 | 19궁47 | 20≈59 | 12 X 46 | 2 Y 48 | 27 Y 54 | 20중37 | 21≈41 | 13 ∺ 26 | 3 Y 30 | 28Ƴ43 |
| 57S | 19중31 | 20≈51 | 12 ¥ 23 | 2Υ04 | 26Y51 | 20중21 | 21≈32 | 13 × 02 | 2°45 | 27Y39 | 21중11 | 22≈13 | 13 X 41 | 3 ℃ 27 | 28Y28 |
| 58S | 20 궁 08 20 궁 47 | 21≈24 21≈59 | 12 ¥ 39 | 2Υ02 2Υ00 | 26 \gamma 35 26 \gamma 19 | 20중58 21중36 | 22≈05 22≈39 | 13 X 18 | 2°43 2°40 | 27 Y 23 27 Y 07 | 21중47 22중25 | 22≈45 23≈18 | 13 X 56 | 3Υ24 3Υ21 | 28 Y 11 27 Y 54 |
| 598 | 20347 | 21≈59 | 12 X 56 | | | l . | 22≈39 | 13 X 34 | | | | 23≈18 | 14 X 12 | 3Υ21 | |
| 60S 61S | 21궁27 22궁09 | 22≈35 23≈12 | 13 X 13 13 X 31 | 1Υ58 1Υ56 | 26\cdot\03 25\cdot\46 | 22중16 22중58 | 23≈14 23≈50 | 13 ¥ 50 14 ¥ 07 | 2Υ38 2Υ35 | 26 Y 50 26 Y 32 | 23 궁 04 23 궁 46 | 23≈53 24≈29 | 14 ¥ 28 14 ¥ 44 | 3 ° 18 3 ° 14 | 27 Y 37 27 Y 19 |
| 62S | 22 당 54 | 23≈12 23≈50 | 13 X 49 | 1 Υ 50 1 Υ 54 | 25 Y 28 | 22 8 38 23 중 42 | 23≈30 24≈28 | 14 × 07 | 2 Υ 33 2 Υ 33 | 26 Y 14 | 23 24 30 | 25≈05 | 15 × 01 | 3Υ11 | 27Υ00 |
| 63S | 23341 | 24≈30 | 14 ∺ 08 | 1 ℃ 52 | 25℃09 | 24궁29 | 25≈07 | 14 ¥ 43 | 2Y30 | 25 Y 54 | 25중16 | 25≈44 | 15 X 18 | 3Υ08 | 26Ƴ40 |
| 64S | 24중31 | 25≈11 | 14 ∺ 27 | 1 ℃ 50 | 24Ƴ49 | 25중18 | 25≈47 | 15 ∺ 02 | 2Ƴ27 | 25 Y 34 | 26중05 | 26≈23 | 15 ¥ 36 | 3 ℃ 04 | 26Ƴ19 |
| 65S | 25중24 | 25≈53 | 14 X 47 | 1Ƴ48 | 24Ƴ29 | 26중11 | 26≈29 | 15 ∺ 21 | 2Ƴ24 | 25 Y 13 | 26궁56 | 27≈04 | 15 X 54 | 3 Y 01 | 25Ƴ57 |
| 66S | 26 궁 21 | 26≈37 | 15 × 08 | 1Υ46 | 24°07 | 27중06 | 27≈12 | 15 × 41 | 2Υ21 | 24 Y 51 | 27중51 | 27≈47 | 16 X 14 | 2Υ57 | 25 Y 34 |
| pc | 26궁54 | 27≈03 | 15 X 20 | 1 ℃ 45 | 23 ℃ 54 | 27839 | 27≈37 | 15 X 52 | 2Υ20 | 24 Y 38 | 28324 | 28≈11 | 16 X 24 | 2 ℃ 55 | 25 Y 21 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tir MC: | | 24m A 6'50 | RMC: 2 | 46°00' | Sid.Tir MC: | | 28m A 3'18 | RMC: 2 | 247°00' | Sid.Tir MC: | ne: 16hí 9 <i>⊼</i> 3 | 32m A 9'39 | RMC: 2 | .48°00' |
|------------|----------------------------------|----------------|--|---|----------------------------------|----------------------------------|----------------|--|------------------|--------------------------|----------------------------------|--------------------------|--|------------------|------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 5중30 | 3≈41 | 4¥06 | 6 Ƴ 32 | 8822 | 6중25 | 4≈39 | 5 X 10 | 7 Ƴ 37 | 9823 | 7云20 | 5≈38 | 6 ∺ 13 | 8 Ƴ 42 | 10824 |
| 1S | 5 3 42 | 3≈58 | 4 X 17 | 6Ƴ29 | 8814 | 6중37 | 4≈56 | 5 X 21 | 7 Ƴ 34 | 9815 | 7832 | 5≈55 | 6 ∺ 24 | 8 Y 39 | 10816 |
| 2S | 5중54 | 4≈16 | 4 × 28 | 6Υ27 | 8806 | 6정49 | 5≈14 | 5 X 31 | 7Υ31 | 9807 | 7정44 | 6≈12 | 6 ★ 34 | 8Υ35 | 10808 |
| 3S 4S | 6 3 06 6 3 18 | 4≈33 4≈51 | 4 X 39 4 X 50 | 6°Y24 6°Y22 | 7859 7851 | 7 3 01 7 3 13 | 5≈31 5≈48 | 5 X 42 5 X 52 | 7Ƴ28 7Ƴ25 | 9800 8852 | 7 궁 56 8 궁 08 | 6≈29 | 6 X 44 6 X 54 | 8 ¥ 32 8 ¥ 29 | 10800 9852 |
| 5S | 6 3 29 | 5≈08 | 5 X 01 | 6Υ19 | 7843 | 7 3 13 | 6≈05 | 6 X 02 | 7 Y 22 | 8844 | 8320 | 7≈03 | 7 X 04 | 8Υ26 | 9844 |
| 6S | 6 3 41 | 5≈08 5≈25 | 5 X 11 | 6Υ19 | 7836 | 7536 | 6≈22 | 6 X 12 | 7Y22 | 8836 | 8 공 32 | 7≈03 7≈20 | 7 X 04 | 8Υ20 8Υ22 | 9836 |
| 7S | 6중53 | 5≈42 | 5 X 21 | 6Υ14 | 7828 | 7중48 | 6≈39 | 6 × 22 | 7Υ17 | 8828 | 8843 | 7≈36 | 7 × 23 | 8Υ19 | 9828 |
| 8S | 7중05 | 5≈59 | 5 ¥ 32 | 6 Y 12 | 7820 | 8동00 | 6≈56 | 6 ∺ 32 | 7 Ƴ 14 | 8820 | 8중55 | 7≈53 | 7 ¥ 32 | 8 Y 16 | 9820 |
| 9S | 7중18 | 6≈16 | 5 ¥ 42 | 6 Υ 10 | 7813 | 8중12 | 7≈13 | 6 X 42 | 7 Υ 11 | 8813 | 9307 | 8≈10 | 7 ¥ 42 | 8 ⋎ 13 | 9812 |
| 10S | 7중30 | 6≈33 | 5 ¥ 52 | 6℃07 | 7 8 05 | 8중25 | 7≈30 | 6 ¥ 52 | 7 ⋎ 09 | 8805 | 9궁20 | 8≈26 | 7 ₩51 | 8Υ10 | 9804 |
| 11S | 7 공 42 | 6≈50 | 6 × 02 | 6Υ05 | 6858 | 8중37 | 7≈47 | 7 × 01 | 7Υ06 | 7857 | 9중32 | 8 ≈ 43 | 8 X 01 | 8Υ07 | 8856 |
| 12S 13S | 7 궁 54 8 궁 06 | 7≈07 7≈24 | 6 X 12 6 X 22 | 6°403 | 6850 6842 | 8 3 49 9 3 01 | 8≈03 8≈20 | 7 X 11 7 X 21 | 7°03 7°01 | 7849 7842 | 9 3 44 9 3 56 | 8≈59 9≈16 | 8 X 10 8 X 19 | 8Ƴ04 8Ƴ01 | 8849 8841 |
| 14S | 8중19 | 7≈41 | 6 X 32 | 5Υ58 | 6835 | 9 3 14 | 8≈37 | 7 X 30 | 6Υ58 | 7834 | 10중08 | 9≈33 | 8 X 28 | 7Υ58 | 8833 |
| 15S | 8중31 | 7≈58 | 6 | 5 Υ 56 | 6827 | 9궁26 | 8≈54 | 7 ∺ 40 | 6Υ55 | 7826 | 10중21 | 9≈49 | 8 * 37 | 7 Υ 54 | 8825 |
| 16S | 8344 | 8≈15 | 6 × 52 | 5 Υ 54 | 6819 | 9중39 | 9≈10 | 7 X 49 | 6Υ53 | 7818 | 10중33 | 10≈06 | 8 X 46 | 7Y51 | 8817 |
| 17S | 8중57 | 8≈32 | 7 ∺ 02 | 5 Υ 51 | 6812 | 9궁51 | 9≈27 | 7 ∺ 58 | 6Υ50 | 7810 | 10중46 | 10≈22 | 8¥55 | 7 Υ 48 | 8808 |
| 188 | 9 궁 10 | 8 ≈ 49 | 7 ¥ 11 | 5Υ49 | 6804 | 10궁04 | 9≈44 | 8 X 08 | 6Υ47 | 7802 | 10궁59 | 10≈39 | 9 X 04 | 7°45 | 8800 |
| 198 | 9 군 23 | 9≈07 | 7 ∺ 21 | 5 ° 47 | 5856 | 10중17 | 10≈01 | 8 X 17 | 6Υ45 | 6854 | 11312 | 10≈56 | 9 X 13 | 7 ° 42 | 7852 |
| 20S 21S | 9 さ 36 9 さ 49 | 9≈24 9≈41 | 7 X 31 7 X 40 | 5Ƴ45 5Ƴ42 | 5848 5840 | 10중30 10중44 | 10≈18 10≈35 | 8 X 26 8 X 36 | 6Ƴ42 6Ƴ39 | 6846 6838 | 11중25 11중38 | 11≈12 11≈29 | 9 X 22 9 X 31 | 7 Y 39 7 Y 36 | 7844 7836 |
| 21S 22S | 9 5 49 10 궁 03 | 9≈41 | 7 X 40 7 X 50 | 5Υ42 5Υ40 | 5832 | 10등44 10중57 | 10≈53 10≈52 | 8 X 45 | 6Y37 | 6830 | 11838 | 11≈29 11≈46 | 9 X 31 | 7 Y 30 | 7827 |
| 23S | 10중16 | 10≈16 | 8 ¥ 00 | 5Υ38 | 5824 | 11211 | 11≈10 | 8 X 54 | 6Υ34 | 6822 | 12중05 | 12≈03 | 9 X 49 | 7Υ30 | 7819 |
| 24S | 10중30 | 10≈34 | 8 | 5Ƴ36 | 5816 | 11궁24 | 11≈27 | 9 X 04 | 6 Ƴ 32 | 6813 | 12중19 | 12≈20 | 9 ¥ 58 | 7 ℃ 27 | 7811 |
| 25S | 10궁44 | 10≈51 | 8 ∺ 19 | 5Ƴ33 | 5808 | 11중38 | 11≈44 | 9 ∺ 13 | 6Ƴ29 | 6805 | 12중32 | 12≈38 | 10 ¥ 07 | 7 Ƴ 24 | 7802 |
| 26S | 10공58 | 11≈09 | 8 X 29 | 5Υ31 | 5800 | 11공52 | 12≈02 | 9 X 22 | 6Υ26 | 5857 | 12347 | 12≈55 | 10 × 16 | 7Υ21 | 6853 |
| 27S 28S | 11중13 11중27 | 11≈27 11≈45 | 8 X 39 8 X 49 | 5Ƴ29 5Ƴ26 | 4852 4843 | 12 る 07 12 る 21 | 12≈20 12≈38 | 9 X 32 9 X 41 | 6°Y24 6°Y21 | 5848 5840 | 13 중 01 13 중 15 | 13≈12 13≈30 | 10 ¥ 25 10 ¥ 34 | 7Ƴ18 7Ƴ15 | 6845 6836 |
| 29S | 11827 | 11≈43 | 8 X 58 | 5Υ24 | 4835 | 12821 | 12≈56 | 9 X 41 | 6Υ18 | 5831 | 13813 | 13≈30 | 10 X 34 | 7Υ13 7Υ12 | 6827 |
| 30S | 11ਰ57 | 12≈22 | 9 ¥ 08 | 5Ƴ22 | 4826 | 12중51 | 13≈14 | 10 X 00 | 6Υ16 | 5822 | 13345 | 14≈06 | 10 ¥ 52 | 7 Υ 09 | 6818 |
| 31S | 12513 | 12≈41 | 9×18 | 5Υ20 | 4817 | 13307 | 13≈32 | 10 × 10 | 6Υ13 | 5813 | 14중00 | 14≈24 | 11 X 01 | 7Υ06 | 6809 |
| 32S | 12궁29 | 13≈00 | 9 ¥ 28 | 5 Ƴ 17 | 4808 | 13중22 | 13≈51 | 10 X 19 | 6Υ10 | 5804 | 14궁16 | 14≈42 | 11 X 10 | 7 ⋎ 03 | 6800 |
| 33S | 12 공 45 | 13≈19 | 9 X 38 | 5Υ15 | 4800 | 13중38 | 14≈10 | 10 X 29 | 6Υ07 | 4855 | 14332 | 15≈01 | 11 × 20 | 7Υ00 | 5850 |
| 348 | 13중01 | 13≈38 | 9 X 49 | 5Υ13 | 3850 | 13중55 | 14≈29 | 10 X 39 | 6Υ05 | 4846 | 14348 | 15≈19 | 11 X 29 | 6Υ57 | 5841 |
| 35S 36S | 13중18 13중35 | 13≈58 14≈18 | 9 X 59 10 X 09 | 5Υ10 5Υ08 | 3841 3832 | 14중11 14중28 | 14≈48 15≈08 | 10 X 49 10 X 58 | 6Υ02 5Υ59 | 4836 4827 | 15중05 15중22 | 15≈38 15≈58 | 11 X 38 11 X 48 | 6°754 6°750 | 5831 5821 |
| 37S | 13で33 13で52 | 14≈18 | 10 X 09 | 5Υ05 | 3822 | 14828 | 15≈08 | 11 X 08 | 5Υ56 | 4817 | | 15≈38 | 11 X 48 | 6Υ47 | 5811 |
| 38S | 14궁10 | 14≈58 | 10 ¥ 30 | 5 ⋎ 03 | | 15궁04 | 15≈48 | 11 X 18 | 5 Υ 53 | | | 16≈37 | 12 ∺ 07 | 6Ƴ44 | 5801 |
| 39S | 14궁29 | 15≈19 | 10 ∺ 40 | 5 ⋎ 00 | 3803 | 15중22 | 16≈08 | 11 ∺ 29 | 5 Υ 50 | 3857 | 16궁15 | 16≈57 | 12 X 17 | 6 Ƴ 41 | 4851 |
| 40S | 14궁48 | 15≈40 | 10 ∺ 51 | 4 ⋎ 58 | 2853 | 15중41 | 16≈29 | 11 X 39 | 5Ƴ48 | 3846 | 16중33 | 17≈17 | 12 ∺ 26 | 6 Ƴ 37 | 4840 |
| 41S | 15 궁 07 | 16≈02 | 11 X 02 | 4Υ55 | 2842 | 16중00 | 16≈50 | 11 X 49 | 5Υ45 | 3836 | 16공53 | 17≈38 | 12 ¥ 36 | 6Υ34 | 4829 |
| 42S 43S | 15 る 27 15 る 47 | 16≈23 16≈46 | 11 X 13 11 X 24 | 4 ° 53 4 ° 50 | 2832 2821 | 16궁20 16궁40 | 17≈11 17≈33 | 12 ¥ 00 12 ¥ 10 | 5 ° 42 5 ° 38 | 3825 3814 | 17る12 17る32 | 17≈59 18≈21 | 12 X 46 12 X 57 | 6Ƴ30 6Ƴ27 | 4818 4807 |
| 44S | 16중08 | 17≈08 | 11 X 35 | 4Υ47 | 2810 | 17중01 | 17≈55 | 12 X 21 | 5Υ35 | 3803 | 17공53 | 18≈43 | 13 × 07 | 6Υ23 | 3856 |
| 45S | 16중30 | 17≈31 | 11 X 47 | 4 Ƴ 45 | 1859 | 17중22 | 18≈18 | 12 X 32 | 5Υ32 | 2851 | 18중15 | 19≈05 | 13 X 17 | 6Υ20 | 3844 |
| 46S | 16궁53 | 17≈55 | 11 X 58 | 4 Υ 42 | 1847 | 17중45 | 18≈41 | 12 X 43 | 5 Y 29 | 2839 | 18중37 | 19≈28 | 13 ¥ 28 | 6Υ16 | 3832 |
| 47S | 17 궁 16 | 18≈19 | 12 X 10 | 4Υ39 | 1835 | 18국08 | 19≈05 | 12 X 54 | 5Υ26 | 2827 | 18859 | 19≈51 | 13 X 39 | 6Υ12 | 3819 |
| 48S 49S | 17 3 40 18 3 04 | 18≈43 19≈08 | 12 ¥ 22 12 ¥ 34 | 4Ƴ36 4Ƴ33 | 1823 1811 | 18 공 31 18 공 56 | 19≈29 19≈54 | 13 X 06 13 X 17 | 5 ° 23 5 ° 19 | 2815 2802 | 19る23 19る47 | 20≈14 20≈39 | 13 X 50 14 X 01 | 6°409 6°405 | 3806 2853 |
| 50S | | 19≈34 | | 4Υ31 | | | | 13 X 29 | | | | | | 6Υ01 | 2840 |
| 50S 51S | 18 궁 30 18 궁 57 | 19≈34 | 12 ¥ 46 12 ¥ 59 | 4 γ 3 1 4 γ 2 8 | 0858 0845 | 19 궁 21 19 궁 48 | 20≈19 20≈45 | 13 X 29 | 5Υ16 5Υ12 | 1849 1835 | 20중13 20중39 | 21≈03 21≈29 | 14 X 12 14 X 24 | 5Υ57 | 2826 |
| 52S | 19 공 24 | 20≈27 | 13 X 12 | 4Υ24 | 0831 | 20중15 | 21≈11 | 13 X 53 | 5Υ09 | 1821 | 21중06 | 21≈55 | 14 × 35 | 5Υ53 | 2812 |
| 53S | 19궁53 | 20≈55 | 13 ¥ 25 | 4Υ21 | 0817 | 20중44 | 21≈38 | 14 × 06 | 5Υ05 | 1807 | 21중34 | 22≈21 | 14 X 47 | 5Υ49 | 1857 |
| 548 | 20중23 | 21≈23 | 13 X 38 | 4 Ƴ 18 | 0803 | 21중13 | 22≈06 | 14 X 19 | 5 ℃ 01 | 0852 | 22중04 | 22≈49 | 15 ¥ 00 | 5Ƴ44 | 1842 |
| 55S | 20궁54 | 21≈53 | 13 X 52 | 4Υ15 | 29 ° 48 | 21중44 | 22≈35 | 14 × 32 | 4Υ57 | 0837 | 22334 | 23≈17 | 15 X 12 | 5Υ40 | 1826 |
| 56S 57S | 21궁27 22궁01 | 22≈23 22≈54 | 14 ¥ 06 14 ¥ 20 | 4Υ12 4Υ08 | 29 Y 32 29 Y 16 | 22 궁 16 22 궁 50 | 23≈04 23≈35 | 14 X 45 14 X 59 | 4Υ54 4Υ50 | 0821 0804 | 23 궁 06 23 궁 39 | 23≈46 24≈16 | 15 ¥ 25 15 ¥ 38 | 5 Y 36 5 Y 31 | 1810 0853 |
| 58S | 22 당 36 | 22≈34 | 14 X 20 | 4Υ08 4Υ05 | 28Y59 | 22 日 30 23 日 25 | 23≈33 24≈06 | 15 X 13 | 4Υ30 4Υ45 | 29°47 | 23 6 39 24 중 14 | 24≈16 24≈46 | 15 X 58 | 5Υ26 | 0835 |
| 59S | 23중13 | 23≈58 | 14 X 49 | 4Υ01 | 28 Y 42 | 24중02 | 24≈38 | 15 X 27 | 4 Υ 41 | 29Υ29 | 24궁51 | 25≈18 | 16 × 05 | 5Υ21 | 0817 |
| 60S | 23중53 | 24≈32 | 15 ¥ 05 | 3か57 | 28Ƴ24 | 24중41 | 25≈11 | 15 ∺ 42 | 4 Ƴ 37 | 29Ƴ11 | 25중29 | 25≈50 | 16 × 19 | 5 Ƴ 16 | 29⋎58 |
| 61S | 24중34 | 25≈07 | 15 ∺ 20 | 3 ℃ 53 | 28Ƴ05 | 25る22 | 25≈45 | 15 X 57 | 4 Ƴ 32 | 28 Y 52 | 26중09 | 26≈24 | 16¥33 | 5 Ƴ 11 | 29Ƴ38 |
| 62S | 25중17 | 25≈43 | 15 × 37 | 3 Υ 49 | 27 Y 46 | 26중04 | 26≈21 26 59 | 16 X 12 | 4Υ28 | 28 Y 32 | 26중52 | 26≈59 | 16 X 48 | 5Υ06 | 29Υ18 |
| 63S 64S | 26 궁 03 26 궁 51 | 26≈21 26≈59 | 15 ¥ 53 16 ¥ 10 | 3 ° 45 3 ° 41 | 27 Y 25 27 Y 04 | 26궁50 27궁37 | 26≈58 27≈36 | 16 ¥ 28 16 ¥ 45 | 4°23 4°18 | 28 Y 11 27 Y 49 | 27중36 28중24 | 27≈35 28≈12 | 17 X 04 17 X 19 | 5Υ01 4Υ55 | 28 \gamma 56 28 \gamma 34 |
| | | 27≈39 | | 3 Y 41 3 Y 37 | | | | | 4Υ13 | 27 Y 26 | | 28≈50 | | 4 γ 33 4 γ 49 | 28 Y 10 |
| 65S 66S | 27중42 28중37 | 27≈39 28≈21 | 16 ¥ 28 16 ¥ 46 | 3 \ \ | 26 ° 41 26 ° 18 | 28 궁 28 29 궁 22 | 28≈15 28≈56 | 17 X 02 17 X 19 | 4Υ/13 4Υ/08 | 27\cdot 26 27\cdot 01 | 29 궁 14 0≈06 | 28≈50 29≈30 | 17 ¥ 35 17 ¥ 52 | 4 Υ 43 | 28°7′10 27°745 |
| pc | 29중08 | 28≈45 | 16 × 57 | 3Υ30 | 26 ° 04 | 29중53 | 29≈19 | 17 × 29 | 4Υ05 | 26°°47 | 0≈38 | 29≈54 | 18 × 02 | 4Υ40 | 27Y31 |
| _ | | based on t | | | | | | | | | | | | | |

| | Sid.Tir MC: | | 36m A 35'54 | RMC: 2 | 49°00' | MC: 11≈32'02 MC: 12≈28'05 | | | | | | | | | |
|------------|----------------------------------|----------------------------|--|--------------------------------|--------------------------------|----------------------------------|------------------|--|--------------------|----------------------------------|----------------------------------|-------------------|--|--------------------|----------------|
| Lat | 11 | 12 | Asc | 2 | 3 11 12 Asc 2 3 11 12 Asc 2 | | | | | | | | | | 3 |
| 0S | 8물16 | 6≈36 | 7 | 9Ƴ47 | 11825 | 9 ਰ 11 | 7≈35 | 8 X 21 | 10 Y 52 | 12826 | 10중06 | 8≈34 | 9 ¥ 25 | 11 Y 57 | 13827 |
| 1S | 8중27 | 6≈53 | 7 ∺ 27 | 9Υ43 | 11817 | 9중23 | 7≈52 | 8 X 31 | 10 Y 48 | 12818 | 10중18 | 8≈51 | 9 ★ 34 | 11 Y 53 | 13818 |
| 2S | 8 궁 39 | 7≈10 | 7 X 37 | 9Υ40 | 11809 | 9중34 | 8≈09 9 25 | 8 X 40 | 10°°44 | 12809 | 10중30 | 9≈07 | 9 ** 43 | 11 Y 48 | 13810 |
| 3S 4S | 8 궁 51 9 궁 03 | 7≈27 7≈44 | 7 X 46 7 X 56 | 9 Ƴ 36 9 Ƴ 32 | 11801 10853 | 9 3 46 9 3 58 | 8≈25 8≈42 | 8 X 49 8 X 58 | 10 Y 40 10 Y 36 | 12 8 01 11 8 53 | 10중42 10중53 | 9≈24 9≈40 | 9 X 52 10 X 01 | 11 Y 44 11 Y 39 | 13801 12853 |
| 5S | 9중15 | 8≈00 | 8 X 05 | 9Υ29 | 10844 | 10중10 | 8≈58 | 9 X 07 | 10Υ32 | 11844 | 11305 | 9≈56 | 10 × 09 | 11Υ35 | 12844 |
| 6S | 9 8 13 | 8≈17 | 8 X 15 | 9Υ25 | 10836 | 10중10 | 9≈15 | 9×16 | 10 Y 32 | 11836 | 11303 | 10≈12 | 10 X 09 | 11 γ 30 | 12836 |
| 7S | 9 궁 39 | 8≈34 | 8 ¥ 24 | 9Υ21 | 10828 | 10중34 | 9≈31 | 9 ∺ 25 | 10 Y 24 | 11828 | 11궁29 | 10≈29 | 10 ¥ 26 | 11 Y 26 | 12827 |
| 8S | 9 궁 50 | 8≈50 | 8 X 33 | 9Υ18 | 10820 | 10궁46 | 9≈47 | 9 X 34 | 10Y20 | 11820 | 11궁41 | 10≈45 | 10 ★ 34 | 11 Y 22 | 12819 |
| 9S | 10る02 | 9≈07 | 8 X 42 | 9Υ14 | 10812 | 10중57 | 10≈04 | 9 X 42 | 10 Y 16 | 11811 | 11중53 | 11≈01 | 10 ¥ 42 | 11 Y 17 | 12811 |
| 10S | 10중14 | 9≈23 | 8 X 51 | 9Υ11 | 10804 | 11궁09 | 10≈20 | 9 X 51 | 10Υ12 | 11803 | 12304 | 11≈17 | 10 × 51 | 11Υ13 | 12802 |
| 11S 12S | 10る27 10る39 | 9≈39 9≈56 | 9 X 00 9 X 09 | 9 ⋎ 07 9 ⋎ 04 | 9856 9848 | 11중22 11중34 | 10≈36 10≈52 | 9 X 59 10 X 08 | 10 Y 08 10 Y 04 | 10855 10847 | 12 る 16 12 る 29 | 11≈33 11≈48 | 10 X 59 11 X 07 | 11 Y 09 11 Y 05 | 11 8 54 |
| 13S | 10명51 | 10≈12 | 9 X 17 | 9Υ01 | 9839 | 11346 | 11≈08 | 10 × 16 | 10Υ01 | 10838 | 12341 | 12≈04 | 11 X 15 | 11Υ00 | 11837 |
| 14S | 11중03 | 10≈28 | 9 ¥ 26 | 8 Ƴ 57 | 9831 | 11궁58 | 11≈24 | 10 ¥ 24 | 9 Y 57 | 10830 | 12중53 | 12≈20 | 11 ∺ 23 | 10 Y 56 | 11828 |
| 15S | 11중16 | 10≈45 | 9¥35 | 8 ⋎ 54 | 9823 | 12중10 | 11≈40 | 10 ∺ 33 | 9 Y 53 | 10822 | 13중05 | 12≈36 | 11 X 31 | 10 Y 52 | 11820 |
| 16S | 11328 | 11≈01 | 9 X 44 | 8Υ50 | 9815 | 12323 | 11≈56 | 10 ¥ 41 | 9Υ49 | 10813 | 13중18 | 12≈52 | 11 X 39 | 10 Y 48 | 11811 |
| 17S 18S | 11궁41 11궁54 | 11≈17 11≈34 | 9 ¥ 52 10 ¥ 01 | 8Ƴ47 8Ƴ44 | 9 8 07 8 8 58 | 12중35 12중48 | 12≈13 12≈29 | 10 X 49 10 X 57 | 9Υ45 9Υ42 | 10805 9856 | 13云30 13云43 | 13≈08 | 11 X 46 11 X 54 | 10 Y 44 10 Y 40 | 11803 10854 |
| 19S | 11634 12 る 06 | 11≈34 11≈50 | 10 X 01 | 8Υ·44 8Υ40 | 8850 | 12548 13 중 01 | 12≈29 12≈45 | 10 X 37 | 9 Y 42 9 Y 38 | 9848 | 13 5 43 | 13≈24 13≈40 | 11 X 34 12 X 02 | 10°7°40 10°7°36 | 10834 |
| 20S | 12당19 | 12≈07 | 10 X 18 | 8 Υ 37 | 8842 | 13중14 | 13≈01 | 11 X 14 | 9Υ34 | 9839 | 14중08 | 13≈56 | 12 X 10 | 10Υ32 | 10837 |
| 21S | 12833 | 12≈23 | 10 × 27 | 8Υ34 | 8833 | 13827 | 13≈18 | 11 X 22 | 9Υ31 | 9831 | 14321 | 14≈12 | 12 X 18 | 10 Y 28 | 10828 |
| 22S | 12궁46 | 12≈40 | 10 ∺ 35 | 8 Y 30 | 8825 | 13중40 | 13≈34 | 11 X 30 | 9 Ƴ 27 | 9822 | 14궁35 | 14≈28 | 12 ¥ 25 | 10Y23 | 10819 |
| 23S | 12 る 59 | 12≈57 | 10 X 44 | 8Υ27 | 8816 | 13854 | 13≈51 | 11 X 38 | 9Υ23 | 9813 | 14348 | 14≈44 | 12 X 33 | 10Υ19 | 10810 |
| 24S | 13중13 | 13≈14 | 10 X 52 | 8 Y 23 | 8808 | 14중07 | 14≈07 | 11 * 47 | 9Υ19 | 9805 | 15중01 | 15≈01 | 12¥41 | 10Υ15 | 10801 |
| 25S 26S | 13る27 13る41 | 13≈31 13≈48 | 11 X 01 11 X 09 | 8 Y 20 8 Y 17 | 7859 7850 | 14중21 14중35 | 14≈24 14≈41 | 11 X 55 12 X 03 | 9Υ16 9Υ12 | 8856 8847 | 15 궁 15 15 궁 29 | 15≈17 15≈34 | 12 X 49 12 X 56 | 10Υ11 10Υ07 | 9852 9843 |
| 27S | 13명41 13명55 | 13≈48 | 11 X 18 | 8Υ13 | 7830 7841 | 14 3 33 | 14≈41 | 12 X 03 | 9Υ08 | 8838 | 15829 | 15≈51 | 12 × 30 | 10 Y 07 | 9834 |
| 28S | 14궁09 | 14≈22 | 11 ∺ 27 | 8Υ10 | 7832 | 15중03 | 15≈15 | 12 X 19 | 9Υ04 | 8828 | 15중57 | 16≈07 | 13 ¥ 12 | 9Υ59 | 9825 |
| 29S | 14궁24 | 14≈40 | 11 X 35 | 8 Y 06 | 7823 | 15중18 | 15≈32 | 12 ∺ 28 | 9 Υ 00 | 8819 | 16중12 | 16≈24 | 13 ∺ 20 | 9 ⋎ 54 | 9815 |
| 30S | 14궁39 | 14≈58 | 11 X 44 | 8Υ03 | 7814 | 15중33 | 15≈49 | 12 ¥ 36 | 8Y57 | 8810 | 16중27 | 16≈41 | 13 ★ 28 | 9Υ50 | 9806 |
| 31S 32S | 14 る 54 15 る 10 | 15≈15 15≈33 | 11 X 53 12 X 01 | 7 Υ 59 7 Υ 56 | 7805 6855 | 15 공 48 16 공 03 | 16≈07 16≈25 | 12 X 44 12 X 53 | 8 Y 53 8 Y 49 | 8800 7851 | 16 공 42 16 공 57 | 16≈59 17≈16 | 13 ¥ 36 13 ¥ 44 | 9Υ46 9Υ42 | 8856 8846 |
| 33S | 15 공 26 | 15≈52 | 12 X 10 | 7 Y 50 | 6846 | 16중19 | 16≈23 | 12 X 33 | 8Υ45 | 7841 | 17중13 | 17≈10 | 13 X 52 | 9Υ37 | 8836 |
| 34S | 15중42 | 16≈10 | 12 X 19 | 7 Ƴ 49 | 6836 | 16중35 | 17≈01 | 13 X 10 | 8 Y 41 | 7831 | 17중29 | 17≈52 | 14 ¥ 00 | 9 Y 33 | 8826 |
| 35S | 15궁58 | 16≈29 | 12 ∺ 28 | 7 Υ 45 | 6826 | 16궁52 | 17≈19 | 13 ¥ 18 | 8 Ƴ 37 | 7821 | 17중45 | 18≈10 | 14 ∺ 08 | 9 Y 29 | 8816 |
| 36S | 16궁15 | 16≈48 | 12 X 37 | 7 Υ 42 | 6816 | 17중08 | 17≈38 | 13 ¥ 27 | 8Y33 | 7811 | 18중01 | 18≈28 | 14 X 16 | 9Υ24 | 8805 |
| 37S 38S | 16 궁 32 | 17≈07 17≈26 | 12 X 46 | 7Ƴ38 7Ƴ34 | 6806 | 17る25 17る43 | 17≈57 | 13 X 35 13 X 44 | 8Y29 8Y25 | 7800 6849 | 18 국 18 | 18≈46 19≈05 | 14 X 24 | 9Υ20 9Υ15 | 7854 7844 |
| 39S | 17 공 08 | 17≈20 | 12 × 36 | 7Υ31 | 5845 | 18중01 | 18≈35 | 13 X 53 | 8Υ21 | 6839 | 18 3 54 | 19≈03 | 14 X 33 | 9Υ11 | 7832 |
| 40S | 17ਰ26 | 18≈06 | 13 X 14 | 7 Υ 27 | 5834 | 18중19 | 18≈55 | 14 X 02 | 8 Y 17 | 6828 | 19중12 | 19≈44 | 14 X 50 | 9 Υ 06 | 7821 |
| 41S | 17 3 45 | 18≈26 | 13 × 24 | 7 Y 23 | 5823 | 18중38 | 19≈15 | 14 X 11 | 8Υ12 | 6816 | 19831 | 20≈03 | 14 X 58 | 9Υ02 | 7810 |
| 42S | 18궁05 | 18≈47 | 13 ∺ 33 | 7 Υ 19 | 5812 | 18궁57 | 19≈35 | 14 ∺ 20 | 8 Y 08 | 6805 | 19궁50 | 20≈23 | 15 ∺ 07 | 8 Y 57 | 6858 |
| 43S | 18 궁 25 18 궁 45 | 19≈08 | 13 X 43 | 7Ƴ15 7Ƴ11 | 5800 | 19 궁 17 19 궁 38 | 19≈56 20≈17 | 14 × 29 | 8 Y 04 7 Y 59 | 5853 | 20중10 20중30 | 20≈43 | 15 × 16 | 8 Y 52 | 6846 6833 |
| 448 | | 19≈30 | 13 X 53 | | 4848 | l . | | 14 X 39 | | 5841 | | 21 ≈ 04 | 15 ¥ 25 | 8°Y47 | |
| 45S 46S | 19る07 19る29 | 19≈52 20≈14 | 14 X 03 14 X 13 | 7 ⋎ 07 7 ⋎ 03 | 4836 4824 | 19궁59 20궁21 | 20≈38 21≈00 | 14 X 48 14 X 58 | 7°755 7°750 | 5828 5816 | 20중51 21중12 | 21≈25 21≈47 | 15 ¥ 34 15 ¥ 43 | 8 Y 42 8 Y 37 | 6821 6808 |
| 47S | 19 공 51 | 20≈37 | 14 X 23 | 6Υ59 | 4811 | 20중43 | 21≈23 | 15 × 08 | 7Υ46 | 5803 | 21중35 | 22≈09 | 15 × 52 | 8Y32 | 5855 |
| 48S | 20중15 | 21≈00 | 14 X 34 | 6Υ55 | 3858 | 21중06 | 21≈46 | 15 X 18 | 7Υ41 | 4849 | 21중58 | 22≈31 | 16¥02 | 8Υ27 | 5841 |
| 498 | 20중39 | 21≈24 | 14 X 44 | 6Υ50 | 3845 | 21중30 | 22≈09 | 15 ¥ 28 | 7 Y 36 | 4836 | 22중21 | 22≈54 | 16 ¥ 11 | 8Y22 | 5827 |
| 50S | 21중04 | 21≈48 | 14 X 55 | 6Υ46 | 3831 | 21중55 | 22≈33 | 15 × 38 | 7 Y 31 | 4822 | 22346 | 23≈17 | 16¥21 | 8Y16 | 5812 |
| 51S 52S | 21궁30 21궁57 | 22≈13 22≈39 | 15 X 06 15 X 17 | 6Ƴ42 6Ƴ37 | 3817 3802 | 22중21 22중47 | 22≈57 23≈22 | 15 X 49 15 X 59 | 7°26 7°21 | 4807 3852 | 23중11 23중38 | 23≈41 24≈06 | 16 ₩ 31 16 ₩ 41 | 8Y11 8Y05 | 4858 4842 |
| 53S | 21 8 37 22 8 25 | 22≈39 23≈05 | 15 X 17 | 6Υ32 | 2847 | 22·847 23·중15 | 23≈22 23≈48 | 16 X 10 | 7Υ16 | 3837 | 23 6 38 24 중 05 | 24≈00 24≈31 | 16 X 41 | 7Υ59 | 4826 |
| 54S | 22궁54 | 23≈32 | 15 ∺ 40 | 6Ƴ27 | 2831 | 23중44 | 24≈14 | 16 ∺ 21 | 7 Υ 11 | 3821 | 24중34 | 24≈57 | 17 ∺ 02 | 7 Y 54 | 4810 |
| 55S | 23중24 | 23≈59 | 15 ∺ 52 | 6℃23 | 2815 | 24궁14 | 24≈41 | 16 ¥ 33 | 7 ⋎ 05 | 3804 | 25중03 | 25≈23 | 17 ∺ 13 | 7 Ƴ 48 | 3853 |
| 56S | 23 궁 56 | 24≈27 | 16 × 04 | 6Υ18 | 1858 | 24345 | 25≈09 | 16 × 44 | 7Y00 | 2847 | 25~34 | 25≈51 | 17 ¥ 24 | 7°41 | 3836 |
| 57S 58S | 24궁29 25궁03 | 24≈57 25≈27 | 16 X 17 16 X 30 | 6 Υ 12 6 Υ 07 | 1841 1823 | 25 궁 18 25 궁 52 | 25≈38 26≈07 | 16 X 56 17 X 08 | 6Υ54 6Υ48 | 2829 2811 | 26 궁 07 26 궁 41 | 26≈19 26≈47 | 17 ¥ 35 17 ¥ 47 | 7 Y 35 7 Y 29 | 3818 2859 |
| 59S | 25 공 39 | 25≈27 25≈57 | 16 X 30 | 6Υ07 6Υ02 | 1804 | 23 6 32 26 중 28 | 26≈07 26≈37 | 17 X 08 | 6Υ48 | 1852 | 20 5 41 27 궁 16 | 20≈47 | 17 X 47 17 X 59 | 7 Y 29 | 2839 |
| 60S | 26중17 | 26≈29 | 16 ¥ 56 | 5Υ56 | 0845 | 27중05 | 27≈09 | 17 X 33 | 6 Y 36 | 1832 | 27중53 | 27≈48 | 18 11 | 7Υ15 | 2819 |
| 61S | 26중57 | 27≈02 | 17 × 10 | 5Υ50 | 0825 | 27중44 | 27≈41 | 17 X 47 | 6Υ29 | 1811 | 28号32 | 28≈19 | 18 ¥ 23 | 7Y08 | 1858 |
| 62S | 27중39 | 27≈36 | 17 ¥ 24 | 5Υ44 | 0804 | 28326 | 28≈14 | 18 ¥ 00 | 6Υ23 | 0849 | 29중13 | 28≈52 | 18 ¥ 36 | 7Υ01 | 1835 |
| 63S | 28 궁 23 29 궁 10 | 28≈12 28≈48 | 17 X 39 | 5Υ38 | 29Ƴ41 29Ƴ18 | 29 궁 10 29 궁 56 | 28≈49 29≈24 | 18 X 14 | 6Y16 | 0827 | 29중56 | 29≈26 | 18 ** 49 | 6Υ54 6Υ46 | 1812 0848 |
| 64S | | | 17 X 54 | 5Υ32 | | | | 18 X 28 | 6Y09 | 0803 | 0≈42 | 0 X 01 | 19 X 03 | | |
| 65S 66S | 29⋜59 0≈51 | 29≈26 0 ¥ 05 | 18 X 09 18 X 25 | 5 ° 25 5 ° 19 | 28 ° 54 28 ° 29 | 0≈44 | 0 ¥ 01 0 ¥ 40 | 18 X 43 18 X 58 | 6Υ02 5Υ54 | 29 Y 38 29 Y 12 | 1≈30 2≈21 | 0 X 37 | 19 X 17 19 X 31 | 6 Y 3 8 | 0823 29Υ56 |
| pc | 1≈22 | 0 X 03 | 18 × 34 | 5Υ15 | 28 Y 14 | 2≈06 | 1 × 02 | 19 × 07 | 5Υ50 | 28 Y 57 | 2≈50 | 1 X 36 | 19 X 39 | 6Υ25 | 29 Y 40 |
| _ | | | the mean e | | | | | | | | | | | | |

| | Sid.Tir MC: | | 48m A 24'01 | RMC: 2 | 52°00' | MC: 14&19'52 MC: 15&15'37 | | | | | | | | | |
|------------|----------------------------------|--|--|----------------------------------|----------------|----------------------------------|--|--|-------------------------------------|----------------------------------|----------------------------------|--|--|-----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 3 11 12 Asc 2 3 11 12 Asc 2 3 | | | | | | | | | |
| 0S | 11302 | 9≈33 | 10 ∺ 29 | 13 ℃ 02 | 14827 | 11공57 | 10≈32 | 11 X 34 | 14 Y 07 | 15827 | 12853 | 11≈32 | 12 X 38 | 15 ℃ 12 | 16827 |
| 1S | 11213 | 9≈50 | 10 ∺ 38 | 12か57 | 14818 | 12号09 | 10≈49 | 11 X 42 | 14Ƴ02 | 15819 | 13중04 | 11≈48 | 12 X 46 | 15 ⋎ 06 | 16818 |
| 2S | 11325 | 10≈06 | 10 X 46 | 12 ℃ 52 | 14810 | 12る20 | 11≈05 | 11 X 50 | 13 Υ 56 | 15810 | 13816 | 12≈04 | 12 X 53 | 15 ℃ 00 | 16810 |
| 3S | 11337 | 10≈22 | 10 X 55 | 12 ° 47 | 14801 | 12332 | 11 ≈ 21 | 11 X 58 | 13°751 | 15801 | 13328 | 12≈20 | 13 X 01 | 14°754 | 16801 |
| 4S | 11349 | 10≈38 | 11 X 03 | 12Ƴ42 | 13853 | 12중44 | 11≈37 | 12 X 06 | 13℃46 | 14852 | 13중39 | 12≈35 | 13 X 08 | 14 ℃ 49 | 15852 |
| 5S | 12중00 | 10≈54 | 11 X 11 | 12°738 | 13844 | 12356 | 11≈53 | 12 X 13 | 13Υ40 | 14843 | 13851 | 12≈51 | 13 X 15 | 14°Y43 | 15843 |
| 6S 7S | 12 る 12 12 る 24 | 11≈10 11≈26 | 11 X 19 11 X 27 | 12 Y 33 12 Y 28 | 13835 13827 | 13 さ 07 13 さ 19 | 12≈08 12≈24 | 12 ¥ 21 12 ¥ 28 | 13 Y 35 13 Y 30 | 14835 14826 | 14궁03 14궁14 | 13≈07 13≈22 | 13 ¥ 23 13 ¥ 30 | 14 Y 38 14 Y 32 | 15 8 34 15 8 25 |
| 8S | 12 3 24 | 11≈20 | 11 X 35 | 12 Y 23 | 13818 | 13중31 | 12≈24 | 12 X 36 | 13 Υ 25 | 14817 | 14826 | 13≈22 | 13 X 37 | 14 Y 27 | 15816 |
| 9S | 12ਰ48 | 11≈58 | 11 X 43 | 12 ⋎ 19 | 13810 | 13⋜43 | 12≈55 | 12 X 43 | 13℃20 | 14809 | 14궁38 | 13≈53 | 13 ¥ 44 | 14 Ƴ 21 | 15807 |
| 108 | 13중00 | 12≈14 | 11 X 51 | 12 ℃ 14 | 13801 | 13중55 | 13≈11 | 12 X 51 | 13 Y 15 | 14800 | 14궁50 | 14≈08 | 13 X 51 | 14 Y 16 | 14859 |
| 11S | 13ਵ11 | 12≈29 | 11 X 58 | 12Ƴ09 | 12853 | 14궁07 | 13≈26 | 12 X 58 | 13 ℃ 10 | 13851 | 15る02 | 14≈23 | 13 ¥ 58 | 14Ƴ11 | 14850 |
| 12S | 13중24 | 12≈45 | 12 X 06 | 12℃05 | 12844 | 14궁19 | 13≈42 | 13 X 05 | 13℃05 | 13842 | 15중14 | 14≈38 | 14 X 04 | 14Ƴ05 | 14841 |
| 13S | 13중36 | 13≈01 | 12 X 14 | 12Υ00 | 12835 | 14중31 | 13≈57 | 13 X 12 | 13Υ00 | 13834 | 15326 | 14≈54 | 14 X 11 | 14Υ00 | 14832 |
| 14S | 13중48 | 13≈16 | 12 × 21 | 11Ƴ56 | 12827 | 14중43 | 14≈12 | 13 X 19 | 12 Υ 55 | 13825 | 15중38 | 15≈09 | 14 | 13 ℃ 55 | 14823 |
| 15S | 14궁00 | 13≈32 | 12 X 29 | 11°751 | 12818 | 14355 | 14≈28 | 13 X 27 | 12°750 | 13816 | 15궁50 | 15≈24 | 14 ** 25 | 13 Y 49 | 14814 |
| 16S 17S | 14 る 12 14 る 25 | 13≈48 14≈03 | 12 ¥ 36 12 ¥ 44 | 11 ° 47 11 ° 42 | 12809 12801 | 15 る 07 15 る 20 | 14≈43 14≈59 | 13 X 34 13 X 41 | 12 Υ 46 12 Υ 41 | 13 8 07 12 8 58 | 16 궁 02 16 궁 14 | 15≈39 15≈54 | 14 ¥ 31 14 ¥ 38 | 13 Y 44 13 Y 39 | 14805 13856 |
| 17S 18S | 14 5 23 | 14≈03 14≈19 | 12 X 44 12 X 51 | 11 \gamma 42 | 11852 | 15号20 15号32 | 14≈39 | 13 X 41 | 12°741 | 12850 | 16号14 16号27 | 15≈54 | 14 X 38 | 13 \ \gamma 39 | 13847 |
| 19S | 14 공 50 | 14≈35 | 12 X 58 | 11 Y 33 | 11843 | 15 3 2 | 15≈30 | 13 X 5 5 | 12 Y 30 | 12841 | 16명39 | 16≈25 | 14 X 51 | 13 Υ 29 | 13838 |
| 20S | 15중03 | 14≈51 | 13 ¥ 06 | 11Ƴ29 | 11834 | 15중57 | 15≈45 | 14 X 02 | 12 Y 26 | 12832 | 16중52 | 16≈40 | 14 X 58 | 13 ℃23 | 13829 |
| 21S | 15316 | 15≈06 | 13 X 13 | 11 Y 24 | 11825 | 16중10 | 16≈01 | 14 × 09 | 12Y21 | 12822 | 17 공 05 | 16≈55 | 15 × 04 | 13 Y 18 | 13819 |
| 22S | 15궁29 | 15≈22 | 13 ¥ 21 | 11Ƴ20 | 11816 | 16중23 | 16≈17 | 14 X 16 | 12 Ƴ 17 | 12813 | 17중18 | 17≈11 | 15 X 11 | 13 Y 13 | 13810 |
| 238 | 15 공 42 | 15≈38 | 13 ¥ 28 | 11 ° 16 | 11807 | 16중37 | 16≈32 | 14 × 23 | 12°12 | 12804 | 17중31 | 17≈26 | 15 × 18 | 13 Y 08 | 13801 |
| 248 | 15중56 | 15≈54 | 13 ¥ 35 | 11Ƴ11 | 10858 | 16중50 | 16≈48 | 14 X 30 | 12Ƴ07 | 11855 | 17중44 | 17≈42 | 15 ¥ 24 | 13 ℃ 03 | 12851 |
| 25S | 16궁09 | 16≈11 | 13 X 43 | 11 ℃ 07 | 10849 | 17중03 | 17≈04 | 14 X 37 | 12 ⋎ 02 | 11845 | 17궁58 | 17≈58 | 15 ¥ 31 | 12 Υ 57 | 12842 |
| 26S | 16 궁 23 16 궁 37 | 16≈27 16≈43 | 13 X 50 13 X 57 | 11 ⋎ 02 10 ⋎ 58 | 10840 | 17る17 17る31 | 17≈20 | 14 X 44 | 11 \(\cdot 57 \) 11 \(\cdot 52 \) | 11836 | 18중11 18중25 | 18≈13 18≈29 | 15 X 37 | 12 Y 52 12 Y 47 | 12832 12822 |
| 27S 28S | 16중51 | 17≈00 | 13 X 37 | 10 Y 58 | 10830 10821 | 17 5 31 | 17≈36 17≈52 | 14 X 51 14 X 58 | 11 Y 32 | 11826 11817 | 18号39 | 18≈45 | 15 X 44 15 X 51 | 12^{47} | 12812 |
| 29S | 17중06 | 17≈17 | 14 X 12 | 10 Y 48 | 10811 | 18중00 | 18≈09 | 15 × 05 | 11 Y 42 | 11807 | 18354 | 19≈01 | 15 X 57 | 12 Y 36 | 12802 |
| 30S | 17중20 | 17≈33 | 14 X 20 | 10Ƴ44 | 10801 | 18중14 | 18≈25 | 15 X 12 | 11Ƴ37 | 10857 | 19궁08 | 19≈17 | 16 X 04 | 12 Y 31 | 11852 |
| 31S | 17 공 35 | 17≈50 | 14 X 27 | 10 ℃ 39 | 9851 | 18중29 | 18≈42 | 15 × 19 | 11 Y 32 | 10847 | 19823 | 19≈34 | 16 X 11 | 12Y26 | 11842 |
| 32S | 17ਰ51 | 18≈07 | 14 X 35 | 10Ƴ35 | 9841 | 18중44 | 18≈59 | 15 ∺ 26 | 11Ƴ27 | 10836 | 19궁38 | 19≈50 | 16 ¥ 17 | 12 Y 20 | 11831 |
| 33S | 18중06 | 18≈25 | 14 💥 43 | 10°Y30 | 9831 | 19중00 | 19≈16 | 15 ¥ 33 | 11Υ22 | 10826 | 19중53 | 20≈07 | 16 X 24 | 12Υ15 | 11821 |
| 348 | 18중22 | 18≈42 | 14 ∺ 50 | 10℃25 | 9821 | 19중15 | 19≈33 | 15 X 41 | 11 ℃ 17 | 10815 | 20궁09 | 20≈24 | 16 ∺ 31 | 12Ƴ09 | 11810 |
| 35S | 18중38 | 19≈00 | 14 X 58 | 10°20 | 9810 | 19중31 | 19≈50 | 15 × 48 | 11Υ12 | 10805 | 20중25 | 20≈41 | 16 × 38 | 12Υ04 | 10859 |
| 36S 37S | 18 궁 55 19 궁 12 | 19≈18 19≈36 | 15 ¥ 06 15 ¥ 13 | 10 Υ 16 10 Υ 11 | 8859 8849 | 19중48 20중05 | 20≈08 20≈26 | 15 X 55 16 X 03 | 11 ⋎ 07 11 ⋎ 02 | 9854 9843 | 20중41 20중58 | 20≈58 21≈16 | 16 X 45 16 X 52 | 11 \gamma 58 11 \gamma 52 | 10848 10837 |
| 38S | | 19≈55 | | 10 Y 11 10 Y 06 | | 20 3 03 20 3 22 | l | 16 X 10 | | | | 21≈10 21≈33 | | | 10837 |
| 39S | 19궁46 | 20≈13 | 15 X 29 | 10℃01 | 8826 | 20궁39 | 21≈02 | 16 X 18 | 10 Y 51 | 9820 | 21중32 | 21≈51 | 17 ∺ 06 | 11 ° 41 | 10814 |
| 40S | 20궁05 | 20≈32 | 15 X 37 | 9 Y 56 | 8815 | 20궁57 | 21≈21 | 16 X 25 | 10Ƴ45 | 9808 | 21궁50 | 22≈10 | 17 ∺ 13 | 11 ° 35 | 10802 |
| 41S | 20중23 | 20≈52 | 15 X 46 | 9 Υ 51 | 8803 | 21중16 | 21≈40 | 16 X 33 | 10Ƴ40 | 8856 | 22중08 | 22≈28 | 17 ∺ 20 | 11Υ29 | 9849 |
| 42S | 20중42 | 21≈11 | 15 X 54 | 9Ƴ46 | 7851 | 21궁35 | 21≈59 | 16 X 41 | 10Ƴ34 | 8844 | 22827 | 22≈47 | 17 ∺ 28 | 11Y23 | 9837 |
| 43S | 21중02 | 21 ≈ 31 | 16 × 02 | 9 Υ 40 | 7839 | 21공54 | 22≈19 | 16 × 49 | 10 ° 29 | 8831 | 22346 | 23≈06 | 17 × 35 | 11°717 | 9824 |
| 448 | 21322 | 21≈51 | 16 | 9₩35 | 7826 | 22314 | 22≈39 | 16 X 57 | 10 ° 23 | 8818 | 23306 | 23≈26 | 17 ** 43 | 11Υ11 | 9811 |
| 45S 46S | 21중43 22중04 | 22≈12 22≈33 | 16 ¥ 19 16 ¥ 28 | 9 ⋎ 30 9 ⋎ 24 | 7813 7800 | 22 궁 35 22 궁 56 | 22≈59 23≈20 | 17 X 05 17 X 13 | 10 Υ 17 10 Υ 11 | 8 8 05 7 8 52 | 23중26 23중47 | 23≈46 24≈06 | 17 ¥ 50 17 ¥ 58 | 11 \(\psi 05 \) 10 \(\psi 58 \) | 8857 8844 |
| 40S 47S | 22 5 04 22 중 26 | 22≈55 22≈55 | 16 X 28 | 9Υ2 4 9Υ19 | 6846 | 22 5 36 23 중 18 | 23≈20 23≈41 | 17 X 13 | 10 Y 11 | 7838 | 23 5 47 24 궁 09 | 24≈06 24≈27 | 18 ± 06 | 10 Y 58 | 8830 |
| 48S | 22349 | 23≈17 | 16 × 46 | 9Υ13 | 6832 | 23중40 | 24≈02 | 17 X 30 | 9Υ59 | 7824 | 24중31 | 24≈48 | 18 X 14 | 10 Y 45 | 8815 |
| 49S | 23중12 | 23≈39 | 16 ¥ 55 | 9Ƴ07 | 6818 | 24중04 | 24≈24 | 17 ∺ 38 | 9Υ53 | 7809 | 24궁55 | 25≈09 | 18 ∺ 22 | 10Ƴ38 | 8800 |
| 50S | 23중37 | 24≈02 | 17 ∺ 04 | 9Ƴ01 | 6803 | 24궁28 | 24≈47 | 17 X 47 | 9Ƴ47 | 6854 | 25중18 | 25≈31 | 18 ∺ 30 | 10Ƴ32 | 7 8 45 |
| 51S | 24궁02 | 24≈26 | 17 | 8 Υ 55 | 5848 | 24궁53 | 25≈10 | 17 ¥ 56 | 9Υ40 | 6839 | 25중43 | 25≈54 | 18 | 10℃25 | 7829 |
| 52S | 24궁28 | 24≈50 25 14 | 17 ¥ 23 | 8 Υ 49 | 5832 | 25중19 | 25≈33 | 18 × 05 | 9Υ33 | 6823 | 26중09 | 26≈17 | 18 X 47 | 10°Y 18 | 7813 |
| 53S 54S | 24궁55 25궁24 | 25≈14 25≈40 | 17 ¥ 33 17 ¥ 43 | 8 Ƴ 43 8 Ƴ 37 | 5816 5800 | 25중45 26중13 | 25≈57 26≈22 | 18 ¥ 14 18 ¥ 24 | 9 Y 27 9 Y 20 | 6806 5849 | 26중36 27중03 | 26≈41 27≈05 | 18 X 56 19 X 05 | 10 Y 10 10 Y 03 | 6856 6838 |
| | | | | | | | | | | | | | | | |
| 55S 56S | 25중53 26중24 | 26≈05 26≈32 | 17 X 53 18 X 04 | 8 ° 30 8 ° 23 | 4842 4824 | 26 공 43 27 공 13 | 26≈48 27≈14 | 18 X 33 18 X 43 | 9°713 | 5831 5813 | 27る32 28る02 | 27≈30 27≈55 | 19 X 14 19 X 23 | 9 Υ 55 9 Υ 47 | 6820 6802 |
| 57S | 26중56 | 27≈00 | 18 X 14 | 8Υ17 | 4806 | 27 당 15 | 27≈14 27≈41 | 18 X 53 | 8Υ58 | 4854 | 28 공 33 | 28≈22 | 19 X 33 | 9Υ39 | 5842 |
| 58S | 27중29 | 27≈28 | 18 ∺ 25 | 8 ⋎ 10 | 3847 | 28중18 | 28≈08 | 19 X 04 | 8 Y 50 | 4834 | 29중06 | 28≈49 | 19 X 42 | 9Ƴ31 | 5822 |
| 59S | 28중04 | 27≈57 | 18 ¥ 36 | 8 ⋎ 02 | 3827 | 28중52 | 28≈37 | 19 X 14 | 8Ƴ42 | 4814 | 29중40 | 29≈16 | 19 ∺ 52 | 9℃23 | 5801 |
| 60S | 28중41 | 28≈27 | 18 ¥ 48 | 7Ƴ55 | 3806 | 29궁28 | 29≈06 | 19 ¥ 25 | 8 Ƴ 34 | 3853 | 0≈16 | 29≈45 | 20 ¥ 02 | 9Ƴ14 | 4840 |
| 61S | 29궁19 | 28≈58 | 19¥00 | 7 Υ 47 | 2844 | 0≈06 | 29≈36 | 19 X 36 | 8Υ26 | 3830 | 0≈54 | 0 X 15 | 20 X 13 | 9Υ05 | 4817 |
| 62S | 0≈00 0 42 | 29≈30 | 19 X 12 | 7 ° 39 | 2821 | 0≈46 | 0 X 08 | 19 × 48 | 8Υ18 | 3807 | 1≈33 | 0 X 45 | 20 X 24 | 8Υ56 | 3853 |
| 63S 64S | 0≈42 1≈27 | 0 × 03 0 × 37 | 19 X 24 19 X 37 | 7Ƴ31 7Ƴ23 | 1858 1833 | 1≈29 2≈13 | 0 X 40 1 X 13 | 19 X 59 20 X 12 | 8Y09 8Y00 | 2843 2818 | 2≈15 2≈59 | 1 X 17 1 X 50 | 20 \times 35 20 \times 46 | 8Ƴ46 8Ƴ36 | 3828 3802 |
| | | | | | | | | | | | | | | | |
| 65S 66S | 2≈15 3≈05 | 1 X 12 1 X 49 | 19 \(\pi\) 50 20 \(\pi\) 04 | 7Ƴ14 7Ƴ05 | 1807 0839 | 3≈00 3≈49 | 1 X 48 2 X 24 | 20 \times 24 20 \times 37 | 7 Υ 50 7 Υ 40 | 1851 1823 | 3≈45 4≈34 | 2 ¥ 24 2 ¥ 59 | 20 X 58 21 X 10 | 8Ƴ26 8Ƴ16 | 2835 2806 |
| pc | 3≈03 | 2 X 10 | 20 X 04 20 X 12 | 7 Y 03 | 0839 | 4≈19 | 2 X 24 2 X 45 | 20 X 37 | 7 Y 40 | 1807 | 5≈03 | 3 X 19 | 21 X 10 | 8Υ10 | 1850 |
| Calcula | | | | | | | | | | | 2 12 103 | - // 1/ | / / | - 1 10 | - 555 |

| | Sid.Tir MC: | | 00m A 11'18 | RMC: 2 | .55°00' | MC: 17₹06'54 MC: 18₹02'26 | | | | | | | | | |
|------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|-------------------|--|----------------------------------|----------------|----------------------------------|--|--|------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 3 11 12 Asc 2 3 11 12 Asc 2 | | | | | | | | | |
| os | 13중48 | 12≈32 | 13 X 43 | 16 Y 16 | 17827 | 14344 | 13≈32 | 14 X 47 | 17 Ƴ 21 | 18827 | 15중40 | 14≈32 | 15 ∺ 52 | 18 Y 25 | 19827 |
| 1S | 14궁00 | 12≈47 | 13 ¥ 50 | 16 Y 10 | 17818 | 14궁55 | 13≈47 | 14 X 54 | 17℃14 | 18818 | 15공51 | 14≈47 | 15 ★ 58 | 18 Y 18 | 19817 |
| 2S | 14311 | 13≈03 | 13 X 57 | 16 Y 04 | 17809 | 15궁07 | 14≈03 | 15 × 01 | 17°08 | 18809 | 16중03 | 15≈02 | 16 × 05 | 18Y11 | 19808 |
| 3S 4S | 14궁23 14궁35 | 13≈19 13≈34 | 14 X 04 14 X 11 | 15 Υ 58 15 Υ 52 | 17800 16851 | 15 る 19 15 る 30 | 14≈18 14≈33 | 15 X 07 15 X 14 | 17か01 16か55 | 17859 17850 | 16궁14 16궁26 | 15≈17 15≈32 | 16¥11 16¥17 | 18 Y 04 17 Y 58 | 18 8 58 |
| 5S | 14346 | 13≈50 | | 15 Y 46 | 16842 | 15342 | 14≈48 | 15 X 20 | 16 Y 48 | 17841 | 16중37 | 15≈47 | 16¥23 | 17 Y 51 | 18840 |
| 6S | 14 5 46 | 13≈30 | 14 X 18 14 X 25 | 15 Y 40 | 16833 | 15등42 15등53 | 15≈03 | 15 X 26 | 16 Y 48 | 17832 | 16849 | 15≈47 | 16 H 23 | 17 Y 31 | 18831 |
| 7S | 15중10 | 14≈20 | 14 × 31 | 15 Y 34 | 16824 | 16중05 | 15≈18 | 15 X 33 | 16Y36 | 17823 | 17중00 | 16≈17 | 16 × 34 | 17 Y 38 | 18821 |
| 8S | 15중21 | 14≈35 | 14 X 38 | 15Ƴ28 | 16815 | 16중17 | 15≈33 | 15 X 39 | 16 Y 30 | 17814 | 17중12 | 16≈31 | 16 X 40 | 17Ƴ31 | 18812 |
| 9S | 15중33 | 14≈50 | 14 X 44 | 15 Y 22 | 16806 | 16궁28 | 15≈48 | 15 ¥ 45 | 16℃24 | 17805 | 17る24 | 16≈46 | 16 ∺ 46 | 17 Y 25 | 18803 |
| 10S | 15궁45 | 15≈05 | 14 X 51 | 15 ℃ 17 | 15857 | 16궁40 | 16≈03 | 15 X 51 | 16Ƴ17 | 16855 | 17중35 | 17≈00 | 16 ¥ 51 | 17Ƴ18 | 17854 |
| 118 | 15 る 57 | 15≈20 | 14 X 57 | 15Υ11 | 15848 | 16궁52 | 16≈18 | 15 X 57 | 16 711 | 16846 | 17347 | 17≈15 | 16 X 57 | 17Y12 | 17844 |
| 12S 13S | 16 궁 09 16 궁 21 | 15≈35 15≈50 | 15 X 04 15 X 10 | 15 ⋎ 05 15 ⋎ 00 | 15 8 39 | 17 る 04 17 る 16 | 16≈32 16≈47 | 16 ¥ 03 16 ¥ 09 | 16°705 15°759 | 16 8 37 | 17 궁 59 18 궁 11 | 17≈29 17≈44 | 17 ¥ 03 17 ¥ 08 | 17 Y 05 16 Y 59 | 17835 17826 |
| 14S | 16공33 | 16≈05 | 15 X 17 | 14 Y 54 | 15821 | 17 3 18 | 17≈02 | 16 X 15 | 15 Y 53 | 16819 | 18823 | 17≈58 | 17 X 14 | 16 Y 53 | 17816 |
| 15S | 16궁45 | 16≈20 | 15 X 23 | 14 Ƴ 48 | 15812 | 17중40 | 17≈16 | 16 2 21 | 15Ƴ47 | 16810 | 18중35 | 18≈13 | 17 X 19 | 16 ° 46 | 17807 |
| 16S | 16 공 57 | 16≈35 | 15 X 29 | 14°Y43 | 15803 | 17 공 52 | 17≈31 | 16 X 27 | 15Υ41 | 16800 | 18847 | 18≈27 | 17 X 25 | 16 \(\gamma \) | 16858 |
| 17S | 17る09 | 16≈50 | 15 | 14Ƴ37 | 14854 | 18궁04 | 17≈46 | 16 X 33 | 15Ƴ35 | 15851 | 18궁59 | 18≈42 | 17 × 30 | 16 Y 34 | 16848 |
| 18S | 17 공 22 | 17≈05 | 15 × 42 | 14 Y 32 | 14844 | 18중16 | 18≈00 | 16 ¥ 39 | 15 Y 30 | 15842 | 19811 | 18≈56 | 17 ¥ 36 | 16Y27 | 16839 |
| 19S | 17중34 | 17≈20 | 15 ¥ 48 | 14Ƴ26 | 14835 | 18궁29 | 18≈15 | 16 X 44 | 15℃24 | 15832 | 19중23 | 19≈10 | 17 | 16 ℃ 21 | 16829 |
| 20S | 17 る 47 | 17≈35 | 15 X 54 | 14Y21 | 14826 | 18341 | 18≈30 | 16 × 50 | 15Υ18 | 15823 | 19중36 | 19≈25 | 17 × 46 | 16 Y 15 | 16819 |
| 21S 22S | 17 る 59 18 る 12 | 17≈50 18≈05 | 16 ¥ 00 16 ¥ 06 | 14Ƴ15 14Ƴ09 | 14 8 16 14 8 07 | 18 궁 54 19 궁 07 | 18≈45 19≈00 | 16 X 56 17 X 02 | 15 Y 12 15 Y 06 | 15 8 13 | 19궁48 20궁01 | 19≈40 19≈54 | 17 X 52 17 X 57 | 16Υ09 16Υ02 | 16 8 10 |
| 23S | 18 공 25 | 18≈20 | 16 X 13 | 14 Y 04 | 13857 | 19320 | 19≈15 | 17 × 07 | 15 γ 00 | 14854 | 20중14 | 20≈09 | 18 × 02 | 15 Y 56 | 15850 |
| 24S | 18중39 | 18≈36 | 16 ¥ 19 | 13か58 | 13848 | 19중33 | 19≈30 | 17 | 14Ƴ54 | 14844 | 20중27 | 20≈23 | 18 ¥ 08 | 15 ⋎ 50 | 15840 |
| 25S | 18궁52 | 18≈51 | 16¥25 | 13 ℃ 53 | 13838 | 19궁46 | 19≈45 | 17 X 19 | 14Ƴ48 | 14834 | 20340 | 20≈38 | 18 | 15 Ƴ 43 | 15830 |
| 26S | 19궁05 | 19≈06 | 16 ¥ 31 | 13Ƴ47 | 13828 | 20중00 | 20≈00 | 17 ∺ 25 | 14Ƴ42 | 14824 | 20궁54 | 20≈53 | 18 ¥ 19 | 15 Ƴ 37 | 15820 |
| 27S | 19중19 | 19≈22 | 16 × 37 | 13 ℃ 41 | 13818 | 20중13 | 20≈15 | 17 ★31 | 14Υ36 | 14814 | 21중07 | 21≈08 | 18 × 24 | 15 Y 31 | 15810 |
| 28S 29S | 19る33 19る47 | 19≈38 19≈53 | 16 X 43 16 X 50 | 13 Y 36 13 Y 30 | 13 8 08 12 8 58 | 20중27 20중41 | 20≈30 20≈46 | 17 ¥ 36 17 ¥ 42 | 14Ƴ30 14Ƴ24 | 14804 13853 | 21중21 21중35 | 21≈23 21≈38 | 18 X 29 18 X 35 | 15Υ24 15Υ18 | 14859 14849 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 20중02 20중16 | 20≈09 20≈25 | 16 ¥ 56 17 ¥ 02 | 13 Y 24 13 Y 19 | 12848 12837 | 20궁56 21궁10 | 21≈02 21≈17 | 17 X 48 17 X 54 | 14 ° 18 14 ° 12 | 13843 13832 | 21궁49 22궁04 | 21≈54 22≈09 | 18 X 40 18 X 46 | 15Υ11 15Υ05 | 14838 14827 |
| 32S | 20중31 | 20≈42 | 17 × 09 | 13Υ13 | 12826 | 21325 | 21≈33 | 18 × 00 | 14Y06 | 13821 | 22318 | 22≈25 | 18 ¥ 51 | 14 Y 58 | 14816 |
| 33S | 20궁47 | 20≈58 | 17 X 15 | 13Ƴ07 | 12816 | 21중40 | 21≈49 | 18 ∺ 06 | 13 Y 59 | 13810 | 22중33 | 22≈41 | 18 ¥ 57 | 14 Y 52 | 14805 |
| 34S | 21정02 | 21≈15 | 17 ∺ 21 | 13℃01 | 12805 | 21궁55 | 22≈06 | 18 ∺ 12 | 13 ℃ 53 | 12859 | 22349 | 22≈56 | 19 ¥ 02 | 14Ƴ45 | 13854 |
| 35S | 21중18 | 21≈31 | 17 ¥ 28 | 12 ℃ 55 | 11854 | 22중11 | 22≈22 | 18 ¥ 18 | 13 ℃ 47 | 12848 | 23중04 | 23≈13 | 19 ¥ 08 | 14Y38 | 13842 |
| 36S 37S | 21중34 21중51 | 21≈48 22≈06 | 17 × 34 | 12 Y 49 12 Y 43 | 11842 | 22중27 22중44 | 22≈39 22≈55 | 18 X 24 | 13 \ \cdot 40 13 \ \cdot 34 | 12836 12825 | 23중20 23중36 | 23≈29 23≈45 | 19 X 14 19 X 19 | 14 Y 32 14 Y 25 | 13831 13819 |
| | | | 17 X 41 17 X 47 | | 11831 | _ | | 18 ¥ 36 | 1 | | | 23≈43 24≈02 | 1 | 1 | _ |
| 39S | 22 궁 25 | 22×41 | 17 X 54 | 12 Y 31 | 11807 | 23중17 | 23≈30 | 18 X 42 | 13 Y 21 | 12801 | 24중10 | 24≈19 | 19 X 31 | 14Y11 | 12854 |
| 40S | 22중42 | 22≈59 | 18 ¥ 01 | 12Ƴ25 | 10855 | 23중35 | 23≈47 | 18 X 49 | 13 Y 14 | 11848 | 24327 | 24≈36 | 19 ± 37 | 14 Y 04 | 12841 |
| 41S | 23중01 | 23≈17 | 18 ∺ 08 | 12 Y 18 | 10842 | 23중53 | 24≈05 | 18 ₩55 | 13℃07 | 11835 | 24345 | 24≈54 | 19 ¥ 42 | 13 Y 57 | 12828 |
| 42S | 23로19 | 23≈35 | 18 | 12 ℃ 12 | 10830 | 24궁11 | 24≈23 | 19 ¥ 01 | 13℃01 | 11822 | 25중04 | 25≈11 | 19 ¥ 48 | 13 ⋎ 49 | 12815 |
| 43S | 23중38 23중58 | 23≈54 24×13 | 18 ¥ 22 18 ¥ 29 | 12 ⋎ 05 11 ⋎ 59 | 10 8 17 | 24중30 24중50 | 24≈42 25≈00 | 19 X 08 19 X 15 | 12 Υ 54 12 Υ 47 | 11809 10856 | 25중22 25중42 | 25≈29 25≈48 | 19 X 54 20 X 01 | 13 Y 42 | 12 8 02 11 8 48 |
| 448 | | 24≈13 | | | | | | | | | | | | 13 Υ 35 | |
| 45S 46S | 24 궁 18 24 궁 39 | 24≈33 24≈52 | 18 X 36 18 X 43 | 11 Υ 52 11 Υ 45 | 9850 9836 | 25 궁 10 25 궁 31 | 25≈20 25≈39 | 19 X 21 19 X 28 | 12 Y 40 12 Y 32 | 10842 10827 | 26 궁 02 26 궁 22 | 26≈06 26≈25 | 20 \times 07 20 \times 13 | 13Υ27 13Υ19 | 11834 11819 |
| 47S | 25 중 00 | 25≈13 | 18 X 50 | 11 Y 38 | 9821 | 25 공 52 | 25≈59 | 19 X 35 | 12 Y 32 | 10827 | 26 공 43 | 26≈45 | 20 X 19 | 13 Y 13 | 11804 |
| 48S | 25중23 | 25≈33 | 18 ¥ 58 | 11Ƴ31 | 9806 | 26중14 | 26≈19 | 19 X 42 | 12 Ƴ 17 | 9858 | 27중05 | 27≈05 | 20 ¥ 26 | 13 Y 03 | 10849 |
| 49S | 25궁46 | 25≈55 | 19 ∺ 05 | 11Ƴ24 | 8851 | 26중36 | 26≈40 | 19 X 49 | 12 Υ 10 | 9842 | 27827 | 27≈25 | 20 ¥ 33 | 12 Y 55 | 10833 |
| 50S | 26중09 | 26≈16 | 19 X 13 | 11 Y 17 | 8835 | 27중00 | 27≈01 | 19 X 56 | 12Y02 | 9826 | 27중51 | 27≈45 | 20 ** 39 | 12°47 | 10817 |
| 51S | 26중34 | 26≈38 27≈01 | 19 X 21 | 11 ⋎ 09 11 ⋎ 02 | 8819 | 27る24 27る49 | 27≈22 27≈44 | 20 × 04 | 11 Y 54 | 9810 | 28315 | 28≈07 28≈28 | 20 ¥ 46 | 12 \gamma 38 12 \gamma 30 | 10800 9843 |
| 52S 53S | 26궁59 27궁25 | 27≈01 27≈24 | 19 X 29 19 X 37 | 11 \(\) 02 \\ 10 \(\) 54 | 8 8 03 7 8 46 | 27 5 49 28 궁 15 | 27≈44 28≈07 | 20 X 11 20 X 19 | 11 Y 46 11 Y 37 | 8 8 53 | 28 궁 39 29 궁 05 | 28≈28 28≈50 | 20 \times 53 21 \times 00 | 12 \gamma 30 12 \gamma 21 | 9825 |
| 54S | 27 공 53 | 27≈48 | 19 X 46 | 10 ℃ 46 | 7828 | 28 공 43 | 28≈30 | 20 X 26 | 11Υ29 | 8817 | 29중32 | 29≈13 | 21 X 07 | 12 Y 12 | 9806 |
| 55S | 28중21 | 28≈12 | 19 × 54 | 10Ƴ38 | 7809 | 29중11 | 28≈54 | 20 X 34 | 11 Y 20 | 7858 | 0≈00 | 29≈36 | 21 X 15 | 12 Y 03 | 8847 |
| 56S | 28궁51 | 28≈37 | 20 ¥ 03 | 10Ƴ29 | 6850 | 29궁40 | 29≈18 | 20 X 42 | 11 Y 11 | 7839 | 0≈29 | 0 X 00 | 21 X 22 | 11 Y 53 | 8827 |
| 57S | 29중22 | 29≈03 | 20 X 12 | 10Y21 | 6831 | 0≈11 0×12 | 29≈44 | 20 ¥ 51 | 11 Y 02 | 7819 | 0≈59 | 0 X 25 | 21 ¥ 30 | 11 Y 43 | 8807 |
| 58S 59S | 29⋜54 0≈28 | 29≈29 29≈56 | 20 ¥ 21 | 10 Y 12 10 Y 03 | 6 8 10 | 0≈43 1≈16 | 0 × 09 | 20 X 59 | 10°753 | 6858 6836 | 1≈31 | 0 X 50 | 21 ¥ 38 | 11 Y 33 | 7845 7823 |
| | | 29≈56 | 20 ¥ 30 | | 5849 | | 0 X 36 | 21 ¥ 08 | 10\(\gamma\)43 | 6836 | 2≈04 | 1 X 16 | 21 ¥ 46 | 11 \(\gamma 23 \) | |
| 60S 61S | 1≈04 1≈41 | 0 X 24 0 X 53 | 20 \times 40 20 \times 49 | 9 Υ 54 9 Υ 44 | 5826 5803 | 1≈51 2≈28 | 1 ¥ 04 1 ¥ 32 | 21 X 17 21 X 26 | 10Ƴ33 10Ƴ23 | 6813 5850 | 2≈38 3≈15 | 1 X 43 2 X 10 | 21 X 54 22 X 03 | 11 Y 13 11 Y 02 | 7800 6836 |
| 62S | 2≈20 | 1 X 23 | 20 X 49 21 X 00 | 9Υ34 | 4839 | 3≈06 | 2 X 01 | 21 X 26 21 X 36 | 10 Y 23 | 5825 | 3≈13 | 2 X 10 | 22 X 03 | 10 Y 51 | 6811 |
| 63S | 3≈01 | 1 X 54 | 21 X 10 | 9Ƴ24 | 4814 | 3≈47 | 2¥31 | 21 X 45 | 10Υ01 | 4859 | 4≈33 | 3 ¥ 08 | 22 ¥ 20 | 10 Ƴ 39 | 5844 |
| 64S | 3≈44 | 2 ¥ 26 | 21 ¥21 | 9Ƴ13 | 3847 | 4≈30 | 3 ¥ 02 | 21 ¥ 55 | 9 Y 50 | 4832 | 5≈15 | 3 X 39 | 22 ¥ 30 | 10℃27 | 5817 |
| 65S | 4≈30 | 2 X 59 | 21 X 32 | 9Ƴ02 | 3819 | 5≈15 | 3 X 35 | 22 X 05 | 9 Y 39 | 4803 | 5≈59 | 4 ∺ 11 | 22 X 39 | 10 Y 15 | 4848 |
| 66S | 5≈18 | 3 × 34 | 21 X 43 | 8Υ51 | 2850 | 6≈02 | 4 × 08 | 22 X 16 | 9Υ27 | 3834 | 6≈46 | 4 X 43 | 22 X 49 | 10Υ02 | 4817 |
| pc | 5≈46 | 3 X 53 | 21 X 50 | 8Υ45 | 2833 | 6≈30 | 4 X 28 | 22 X 22 | 9Υ20 | 3816 | 7≈14 | 5 ¥ 02 | 22 X 55 | 9Υ55 | 3859 |

| | Sid.Tir MC: | | 12m A 57'53 | RMC: 2 | .58°00' | MC: 19≈53'17 MC: 20≈48'38 | | | | | | | | | 260°00' |
|------------|----------------------------------|--|--|--|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 3 11 12 Asc 2 3 11 12 Asc 2 3 | | | | | | | | | |
| 0S | 16중35 | 15≈32 | 16 X 57 | 19Ƴ30 | 20826 | 17ਰ31 | 16≈32 | 18 ∺ 02 | 20Ƴ34 | 21825 | 18중27 | 17≈33 | 19 x 07 | 21 Y 38 | 22824 |
| 1S | 16궁47 | 15≈47 | 17 ∺ 03 | 19Ƴ22 | 20816 | 17궁43 | 16≈47 | 18 ∺ 07 | 20 ℃ 26 | 21815 | 18궁39 | 17≈47 | 19 ¥ 12 | 21 Y 30 | 22814 |
| 2S | 16 궁 59 | 16≈02 | 17 × 08 | 19 Υ 15 | 20807 | 17354 | 17≈02 | 18 X 12 | 20Υ18 | 21806 | 18350 | 18≈02 | 19 X 16 | 21 Y 22 | 22805 |
| 3S 4S | 17 る 10 17 る 21 | 16≈17 16≈31 | 17 ¥ 14 17 ¥ 20 | 19Ƴ08 19Ƴ00 | 19 8 57 19 8 48 | 18 궁 06 18 궁 17 | 17≈16 17≈31 | 18 X 18 18 X 23 | 20 Y 11 20 Y 03 | 20856 20847 | 19 궁 02 19 궁 13 | 18≈16 18≈30 | 19 ¥ 21 19 ¥ 26 | 21 Y 14 21 Y 06 | 21855 21845 |
| 5S | 17중33 | 16≈46 | 17 X 25 | 18 Y 53 | 19839 | 18329 | 17≈45 | 18 X 28 | 19Y56 | 20837 | 19824 | 18≈45 | 19 X 30 | 20 Y 58 | 21836 |
| 6S | 17833 | 10≈40 | 17 X 23 | 18 Y 46 | 19829 | 18 5 40 | 17≈43 | 18 X 28 | 19 Y 36 | 20837 | 19824 | 18≈59 | 19 X 30 | 20 Y 50 | 21826 |
| 7S | 17궁56 | 17≈15 | 17 × 36 | 18 Y 39 | 19820 | 18중52 | 18≈14 | 18 × 38 | 19 ° 41 | 20818 | 19847 | 19≈13 | 19 × 40 | 20 Y 42 | 21816 |
| 8S | 18 궁 08 | 17≈30 | 17 ¥ 41 | 18Ƴ32 | 19810 | 19る03 | 18≈28 | 18 X 43 | 19Ƴ34 | 20809 | 19궁59 | 19≈26 | 19 X 44 | 20Y35 | 21807 |
| 9S | 18궁19 | 17≈44 | 17 X 47 | 18Ƴ26 | 19801 | 19중15 | 18≈42 | 18 X 47 | 19Ƴ26 | 19859 | 20중10 | 19≈40 | 19 X 48 | 20 ℃ 27 | 20857 |
| 10S | 18 궁 31 | 17≈58 | 17 ∺ 52 | 18Ƴ19 | 18852 | 19궁26 | 18≈56 | 18 ∺ 52 | 19Ƴ19 | 19850 | 20중22 | 19≈54 | 19 ∺ 53 | 20℃20 | 20847 |
| 118 | 18342 | 18≈12 | 17 X 57 | 18 Υ 12 | 18842 | 19중38 | 19≈10 | 18 X 57 | 19Y12 | 19840 | 20중33 | 20≈08 | 19 X 57 | 20Υ12 | 20838 |
| 12S 13S | 18 궁 54 19 궁 06 | 18≈27 18≈41 | 18 ¥ 02 18 ¥ 07 | 18 ⋎ 05 17 ⋎ 58 | 18 8 33 | 19궁49 20궁01 | 19≈24 19≈38 | 19 ¥ 02 19 ¥ 07 | 19°705 18°758 | 19 8 31 | 20궁45 20궁56 | 20≈21 20≈35 | 20 \times 01 20 \times 06 | 20°705 19°757 | 20828 20818 |
| 14S | 19당18 | 18≈55 | 18 X 12 | 17 Y 52 | 18814 | 20당13 | 19≈52 | 19 X 11 | 18 Y 51 | 19811 | 21중08 | 20≈33 | 20 X 10 | 19 Y 50 | 20809 |
| 15S | 19중30 | 19≈09 | 18 ¥ 18 | 17Ƴ45 | 18804 | 20중25 | 20≈06 | 19 X 16 | 18 Ƴ 44 | 19802 | 21320 | 21≈02 | 20 X 14 | 19Ƴ42 | 19859 |
| 16S | 19 공 42 | 19≈23 | 18 X 23 | 17 Υ 38 | 17855 | 20당37 | 20≈20 | 19 X 21 | 18 Y 37 | 18852 | 21 중32 | 21≈16 | 20 X 18 | 19Υ35 | 19849 |
| 17S | 19궁54 | 19≈37 | 18 ¥ 28 | 17Ƴ32 | 17845 | 20궁49 | 20≈34 | 19 ∺ 25 | 18 Y 30 | 18842 | 21중44 | 21≈30 | 20 ¥ 23 | 19Ƴ28 | 19839 |
| 18S | 20중06 | 19≈52 | 18 ¥ 33 | 17 ° 25 | 17836 | 21중01 | 20≈47 | 19 ¥ 30 | 18Y23 | 18832 | 21궁56 | 21≈43 | 20 X 27 | 19Y20 | 19829 |
| 19S | 20중18 | 20≈06 | 18 | 17Ƴ18 | 17826 | 21중13 | 21≈01 | 19 X 34 | 18 Y 16 | 18823 | 22중08 | 21≈57 | 20 X 31 | 19Ƴ13 | 19819 |
| 20S | 20중31 | 20≈20 20×24 | 18 X 43 | 17 Υ 12 17 Υ 05 | 17816 | 21중25 | 21≈15 21≈29 | 19 X 39 | 18Y09 | 18813 | 22820 | 22≈11 | 20 × 35 | 19Υ06 | 19809 |
| 21S 22S | 20궁43 20궁56 | 20≈34 20≈49 | 18 X 48 18 X 53 | 1/\day{05} | 17806 16856 | 21중38 21중50 | 21≈29 21≈43 | 19 X 43 19 X 48 | 18 ⋎ 02 17 ⋎ 55 | 18 8 03 17 8 53 | 22중32 22중45 | 22≈24 22≈38 | 20 \times 39 20 \times 43 | 18 Y 58 18 Y 51 | 18 8 59 |
| 23S | 21궁09 | 21≈03 | 18 X 57 | 16 Y 52 | 16846 | 22 중 03 | 21≈57 | 19 X 53 | 17 Y 48 | 17842 | 22 공 57 | 22≈52 | 20 X 48 | 18 ° 44 | 18839 |
| 24S | 21중21 | 21≈17 | 19 ¥ 02 | 16Ƴ45 | 16836 | 22중16 | 22≈12 | 19 X 57 | 17Ƴ41 | 17832 | 23중10 | 23≈06 | 20 ¥ 52 | 18 Ƴ 36 | 18828 |
| 25S | 21중35 | 21≈32 | 19 × 07 | 16Ƴ39 | 16826 | 22궁29 | 22≈26 | 20 X 02 | 17Ƴ34 | 17822 | 23 5 23 | 23≈20 | 20 X 56 | 18 Ƴ 29 | 18818 |
| 26S | 21궁48 | 21≈47 | 19 X 12 | 16Ƴ32 | 16816 | 22중42 | 22≈40 | 20 ₩ 06 | 17 Ƴ 27 | 17811 | 23중36 | 23≈34 | 21 X 00 | 18 Y 21 | 18807 |
| 27S | 22중01 | 22≈01 | 19 X 17 | 16 ° 25 | 16805 | 22궁55 | 22≈54 | 20 X 11 | 17Y20 | 17801 | 23중50 | 23≈48 | 21 × 04 | 18 Y 14 | 17856 |
| 28S 29S | 22 궁 15 22 궁 29 | 22≈16 22≈31 | 19 ¥ 22 19 ¥ 27 | 16 Υ 18 16 Υ 12 | 15 8 55 15 8 44 | 23 궁 09 23 궁 23 | 23≈09 23≈24 | 20 X 15 20 X 20 | 17Ƴ13 17Ƴ05 | 16 8 50 | 24중03 24중17 | 24≈02 24≈16 | 21 ¥ 08 21 ¥ 13 | 18 ⋎ 07 17 ⋎ 59 | 17845 17834 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 22 3 43 22 3 57 | 22≈46 23≈01 | 19 X 32 19 X 37 | 16 Υ 05 15 Υ 58 | 15 8 33 | 23중37 23중51 | 23≈38 23≈53 | 20 \times 25 20 \times 29 | 16Ƴ58 16Ƴ51 | 16 8 28 | 24중31 24중45 | 24≈31 24≈45 | 21 X 17 21 X 21 | 17Ƴ51 17Ƴ44 | 17823 17812 |
| 32S | 23 궁 12 | 23≈16 | 19 X 43 | 15 Y 51 | 15811 | 24중06 | 24≈08 | 20 × 34 | 16°744 | 16806 | 24359 | 25≈00 | 21 X 25 | 17 Y 36 | 17800 |
| 33S | 23중27 | 23≈32 | 19 X 48 | 15Ƴ44 | 15800 | 24궁20 | 24≈23 | 20 X 39 | 16 Y 36 | 15854 | 25중14 | 25≈14 | 21 X 29 | 17 Ƴ 28 | 16849 |
| 34S | 23중42 | 23≈47 | 19 ¥ 53 | 15Ƴ37 | 14848 | 24궁35 | 24≈38 | 20 X 43 | 16℃29 | 15842 | 25중29 | 25≈29 | 21 X 34 | 17℃21 | 16837 |
| 35S | 23궁58 | 24≈03 | 19 ¥ 58 | 15Ƴ30 | 14836 | 24궁51 | 24≈54 | 20 ¥ 48 | 16℃21 | 15831 | 25중44 | 25≈44 | 21 X 38 | 17 Ƴ 13 | 16825 |
| 36S | 24313 | 24≈19 24 25 | 20 × 03 | 15 ° 23 | 14825 | 25중06 | 25≈09 25 25 | 20 X 53 | 16°°14 | 15818 | 25궁59 | 26≈00 | 21 × 42 | 17 Y 05 16 Y 57 | 16812 |
| 37S 38S | 24궁29 24궁46 | 24≈35 24≈52 | 20 \times 08 20 \times 14 | 15Υ16 15Υ08 | 14812 14800 | 25 云 22 25 云 39 | 25≈25 25≈41 | 20 \times 58 21 \times 02 | 16°706 | 15 8 06 14 8 54 | 26 궁 15 | 26≈15 26≈31 | 21 ¥ 47 | | 16 8 00 |
| 39S | 25 궁 03 | 25≈08 | 20 X 19 | 15 Y 01 | 13847 | 25 공 55 | 25≈57 | 21 × 07 | 15 Y 51 | 14841 | 26중48 | 26≈47 | 21 X 56 | 16 ° 41 | 15834 |
| 40S | 25중20 | 25≈25 | 20 X 24 | 14Ƴ53 | 13835 | 26중12 | 26≈14 | 21 X 12 | 15 Ƴ 43 | 14828 | 27중05 | 27≈03 | 22 X 00 | 16 Y 32 | 15821 |
| 41S | 25중38 | 25≈42 | 20 × 30 | 14 Y 46 | 13821 | 26궁30 | 26≈31 | 21 X 17 | 15 Y 35 | 14814 | 27822 | 27≈19 | 22 ¥ 05 | 16Y24 | 15807 |
| 42S | 25궁56 | 25≈59 | 20 X 35 | 14Ƴ38 | 13808 | 26궁48 | 26≈48 | 21 X 22 | 15℃27 | 14801 | 27중40 | 27≈36 | 22 X 09 | 16℃15 | 14853 |
| 438 | 26중14 | 26≈17 | 20 X 41 | 14Y30 | 12854 | 27중06 | 27≈05 | 21 X 27 | 15Y18 | 13847 | 27858 | 27≈53 | 22 X 14 | 16°°07 | 14839 |
| 44S | 26중34 | 26≈35 | 20 🗙 47 | 14 ℃ 22 | 12840 | 27325 | 27≈22 | 21 X 33 | 15 Y 10 | 13832 | 28317 | 28≈10 | 22 X 19 | 15 Y 58 | 14824 |
| 45S 46S | 26 궁 53 27 궁 13 | 26≈53 27≈12 | 20 X 52 20 X 58 | 14Ƴ14 14Ƴ06 | 12 8 26 12 8 11 | 27중45 28중05 | 27≈40 27≈58 | 21 ¥ 38 21 ¥ 43 | 15 Y 02 14 Y 53 | 13 8 18 | 28 궁 36 28 궁 56 | 28≈27 28≈45 | 22 \times 23 22 \times 28 | 15 Ƴ 49 15 Ƴ 40 | 14810 13854 |
| 47S | 27 당 34 | 27≈31 | 21 X 04 | 13 Y 58 | 11856 | 28 3 26 | 28≈17 | 21 X 49 | 14 Y 44 | 12847 | 29중17 | 29≈03 | 22 X 33 | 15Υ31 | 13838 |
| 48S | 27궁56 | 27≈50 | 21 X 10 | 13Ƴ49 | 11840 | 28궁47 | 28≈36 | 21 X 54 | 14 Y 35 | 12831 | 29중38 | 29≈21 | 22 ¥ 38 | 15Ƴ21 | 13822 |
| 49S | 28중18 | 28≈10 | 21 X 16 | 13Ƴ41 | 11824 | 29궁09 | 28≈55 | 22 X 00 | 14 Y 26 | 12815 | 0≈00 | 29≈40 | 22 X 43 | 15 Ƴ 12 | 13806 |
| 50S | 28궁41 | 28≈30 | 21 X 22 | 13Ƴ32 | 11807 | 29중32 | 29≈15 | 22 X 05 | 14Υ17 | 11858 | 0≈22 | 0 X 00 | 22 X 48 | 15 ⋎ 02 | 12849 |
| 51S | 29중05 | 28≈51 20×12 | 21 × 29 | 13 Y 23 | 10850 | 29궁55 | 29≈35 20×56 | 22 X 11 | 14Υ08 | 11841 | 0≈45 | 0 X 19 | 22 X 54 | 14°752 | 12831 |
| 52S 53S | 29 궁 30 29 궁 55 | 29≈12 29≈33 | 21 ¥ 35 21 ¥ 42 | 13 Y 14 13 Y 04 | 10 8 33 | 0≈20 0≈45 | 29≈56 0 X 17 | 22 X 17 22 X 23 | 13 ℃ 58 13 ℃ 48 | 11823 11804 | 1≈10 | 0 ¥ 39 1 ¥ 00 | 22 X 59 23 X 04 | 14 \cdot 42 14 \cdot 32 | 12 8 13 11 8 54 |
| 54S | 0≈22 | 29≈56 | 21 X 48 | 12 Y 55 | 9856 | 1≈11 | 0 X 38 | 22 X 29 | 13 Y 38 | 10845 | 2≈00 | 1 X 21 | 23 × 10 | 14 Y 21 | 11834 |
| 55S | 0≈49 | 0 X 18 | 21 X 55 | 12Ƴ45 | 9836 | 1≈38 | 1 X 01 | 22 X 35 | 13 Y 28 | 10825 | 2≈27 | 1 X 43 | 23 X 16 | 14 Y 10 | 11814 |
| 56S | 1≈18 | 0 ¥ 42 | 22 X 02 | 12 Y 35 | 9816 | 2≈07 | 1 X 23 | 22 X 42 | 13 Y 17 | 10804 | 2≈55 | 2 × 05 | 23 X 22 | 13 Υ 59 | 10853 |
| 57S | 1≈48 | 1 X 06 | 22 X 09 | 12℃25 | 8 8 55 | 2≈36 | 1 X 47 | 22 X 48 | 13 Y 06 | 9843 | 3≈25 | 2 ¥ 28 | 23 X 27 | 13 ℃ 47 | 10831 |
| 58S | 2≈19 | 1 X 30 | 22 X 16 | 12 Y 14 | 8833 | 3≈07 | 2¥11 | 22 X 55 | 12°755 | 9821 | 3≈55 | 2 X 51 | 23 × 34 | 13 Y 36 | 10809 |
| 598 | 2≈52 | 1 X 56 | 22 ¥ 24 | 12°°03 | 8811 | 3≈39 | 2 ¥ 36 | 23 ¥ 02 | 12 7 43 | 8858 | 4≈27 | 3 X 15 | 23 ¥ 40 | 13 Y 24 | 9845 |
| 60S 61S | 3≈26 4≈02 | 2 X 22 2 X 49 | 22 ¥ 32 22 ¥ 39 | 11 Υ 52 11 Υ 41 | 7847 7822 | 4≈13 4≈48 | 3 X 01 3 X 27 | 23 ¥ 09 23 ¥ 16 | 12 Y 32 12 Y 20 | 8834 8809 | 5≈00 5≈35 | 3 X 40 4 X 06 | 23 \times 46 23 \times 53 | 13 Y 11 12 Y 58 | 9821 8855 |
| 62S | 4≈02 4≈39 | 3 X 17 | 22 X 39 22 X 47 | 11 \(\gamma \) 41 \\ 11 \(\gamma \) 29 | 6857 | 4≈48 5≈25 | 3 X 27 | 23 X 16 23 X 23 | 12 \cdot 20 12 \cdot 07 | 7842 | 6≈12 | 4 X 06 4 X 33 | 23 X 53 23 X 59 | 12 Y 38 | 8828 |
| 63S | 5≈19 | 3 X 46 | 22 X 56 | 11 Y 17 | 6830 | 6≈04 | 4 × 23 | 23 X 31 | 11 Y 54 | 7815 | 6≈50 | 5 ¥ 00 | 24 × 06 | 12 Y 32 | 8800 |
| 64S | 6≈00 | 4 | 23 ¥ 04 | 11Ƴ04 | 6801 | 6≈46 | 4 ¥ 52 | 23 X 39 | 11Ƴ41 | 6846 | 7≈31 | 5 ¥ 28 | 24 ¥ 13 | 12 Y 18 | 7831 |
| 65S | 6≈44 | 4 ¥ 46 | 23 ¥ 13 | 10Ƴ51 | 5832 | 7≈29 | 5 ∺ 22 | 23 ¥ 47 | 11Ƴ27 | 6816 | 8≈13 | 5 ¥ 58 | 24 ∺ 21 | 12 Y 03 | 7800 |
| 66S | 7≈31 7≈58 | 5 × 18 | 23 ¥ 22 | 10°737 | 5801 | 8≈15 | 5 X 53 | 23 ¥ 55 | 11Υ13 | 5844 | 8≈59 0 25 | 6 X 28 | 24 ¥ 28 | 11 Y 48 | 6828 |
| pc | | 5 X 37 | 23 X 27 | 10 Y 30 | 4842 | 8≈41 | 6 | 24×00 | 11 Y 04 | 5826 | 9≈25 | 6 X 46 | 24 X 33 | 11 Y 39 | 6809 |

| | Sid.Tir MC: | | 24m A 43'55 | RMC: 2 | 61°00' | MC: 22₹39'09 MC: 23₹34'21 | | | | | | | | | |
|--------------|----------------------------------|--|--|-------------------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|--|--|-----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 3 11 12 Asc 2 3 11 12 Asc 2 | | | | | | | | | |
| os | 19324 | 18≈34 | 20 X 12 | 22Ƴ42 | 23823 | 20궁20 | 19≈35 | 21 X 17 | 23Ƴ46 | 24821 | 21316 | 20≈36 | 22 X 22 | 24Ƴ49 | 25820 |
| 1S | 19중35 | 18≈48 | 20 X 16 | 22Ƴ33 | 23813 | 20중31 | 19≈49 | 21 X 21 | 23 Ƴ 37 | 24812 | 21327 | 20≈49 | 22 X 26 | 24 Y 40 | 25810 |
| 2S | 19346 | 19≈02 | 20 X 21 | 22Υ25 | 23803 | 20중42 | 20≈03 | 21 ¥ 25 | 23Y28 | 24802 | 21339 | 21≈03 | 22 ¥ 29 | 24 Y 31 | 25800 |
| 3S 4S | 19궁58 20궁09 | 19≈16 19≈30 | 20 \times 25 20 \times 29 | 22 \gamma 16 22 \gamma 08 | 22853 22844 | 20중54 21중05 | 20≈16 20≈30 | 21 ¥ 29 21 ¥ 32 | 23 Y 19 23 Y 10 | 23852 23842 | 21중50 22중01 | 21≈17 21≈30 | 22 ¥ 32 22 ¥ 36 | 24 Y 22 24 Y 13 | 24850 24840 |
| 5S | 20중20 | 19≈44 | 20 X 33 | 22 Υ 00 22 Υ 00 | 22834 | 21중16 | 20≈44 | 21 X 36 | 23 Y 02 | 23832 | 22312 | 21≈43 | 22 X 39 | 24Y04 | 24830 |
| 6S | 20 5 20 20 중 32 | 19≈44 | 20 X 33 | 21 Y 52 | 22824 | 21 5 16 21 중 27 | 20≈44 20≈57 | 21 X 30 21 X 40 | 23 Y 02 22 Y 53 | 23822 | 22812 | 21≈43 21≈57 | 22 X 39 | 24 Y 04 23 Y 55 | 24820 |
| 7S | 20중43 | 20≈11 | 20 × 41 | 21 Y 44 | 22814 | 21궁39 | 21≈11 | 21 X 43 | 22°Y45 | 23812 | 22835 | 22≈10 | 22 X 45 | 23 Y 46 | 24810 |
| 8S | 20궁54 | 20≈25 | 20 X 45 | 21Ƴ36 | 22805 | 21궁50 | 21≈24 | 21 X 47 | 22 Y 37 | 23802 | 22346 | 22≈23 | 22 X 48 | 23 Y 37 | 24800 |
| 9S | 21궁06 | 20≈39 | 20 X 49 | 21 ℃ 28 | 21855 | 22중01 | 21≈37 | 21 X 50 | 22Ƴ28 | 22852 | 22중57 | 22≈36 | 22 X 51 | 23 ℃ 29 | 23850 |
| 10S | 21궁17 | 20≈52 | 20 X 53 | 21 ℃ 20 | 21845 | 22중13 | 21≈50 | 21 X 54 | 22 Y 20 | 22843 | 23중08 | 22≈49 | 22 X 55 | 23 Y 20 | 23840 |
| 118 | 21329 | 21≈06 | 20 X 57 | 21 7 12 | 21835 | 22324 | 22≈04 | 21 X 57 | 22Υ12 | 22833 | 23 3 20 | 23≈02 | 22 X 58 | 23 Y 12 | 23830 |
| 12S 13S | 21정40 21정52 | 21≈19 21≈32 | 21 ¥ 01 21 ¥ 05 | 21 \(\cdot 04 \) 20 \(\cdot 56 \) | 21825 21816 | 22 궁 36 22 궁 47 | 22≈17 22≈30 | 22 ¥ 01 22 ¥ 04 | 22 \cdot 04 21 \cdot 56 | 22 8 23 22 8 13 | 23중31 23중43 | 23≈15 23≈27 | 23 ¥ 01 23 ¥ 04 | 23 \(\psi 03 \) 22 \(\psi 55 \) | 23820 23810 |
| 14S | 22 당 03 | 21≈32 21≈46 | 21 X 09 | 20 Y 49 | 21806 | 22 당 9 | 22≈43 | 22 X 08 | 21 γ 30 21 γ 48 | 22803 | 23 공 54 | 23≈40 | 23 X 07 | 22 Y 46 | 23800 |
| 15S | 22궁15 | 21≈59 | 21 X 13 | 20Ƴ41 | 20856 | 23중10 | 22≈56 | 22 X 11 | 21Ƴ39 | 21853 | 24중06 | 23≈53 | 23 X 10 | 22 Y 38 | 22850 |
| 16S | 22 당 27 | 22≈12 | 21 X 16 | 20 Y 33 | 20846 | 23 중22 | 23≈09 | 22 X 15 | 21 γ31 | 21843 | 24중17 | 24≈06 | 23 X 13 | 22 Υ 29 | 22839 |
| 17S | 22る39 | 22≈26 | 21 X 20 | 20℃26 | 20836 | 23중34 | 23≈22 | 22 X 18 | 21 ℃23 | 21833 | 24중29 | 24≈19 | 23 X 16 | 22 Ƴ 21 | 22829 |
| 18S | 22중51 | 22≈39 | 21 ¥ 24 | 20°18 | 20826 | 23346 | 23≈35 | 22 ¥ 21 | 21 7 15 | 21822 | 24841 | 24≈31 | 23 ¥ 18 | 22 Y 13 | 22819 |
| 19S | 23중03 | 22≈53 | 21 X 28 | 20 ℃ 10 | 20816 | 23중58 | 23≈48 | 22 X 25 | 21 ⋎ 07 | 21812 | 24중53 | 24≈44 | 23 ¥ 21 | 22 ℃ 04 | 22808 |
| 20S | 23 궁 15 | 23≈06 | 21 ¥ 32 | 20 Y 03 | 20806 | 24중10 | 24≈01 24 15 | 22 X 28 | 20Υ59 | 21802 | 25중05 | 24≈57 25 10 | 23 ¥ 24 | 21 Y 56 | 21858 |
| 21S 22S | 23る27 23る39 | 23≈19 23≈33 | 21 ¥ 35 21 ¥ 39 | 19 ⋎ 55 19 ⋎ 47 | 19 8 55 | 24중22 24중34 | 24≈15 24≈28 | 22 ¥ 31 22 ¥ 35 | 20\gamma51 20\gamma43 | 20 8 51 20 8 41 | 25 궁 17 25 궁 29 | 25≈10 25≈23 | 23 ¥ 27 23 ¥ 30 | 21 \gamma 48 21 \gamma 39 | 21847 21837 |
| 23S | 23 당 52 | 23≈46 | 21 X 43 | 19 Y 39 | 19834 | 24 공 47 | 24≈41 | 22 X 38 | 20 Y 35 | 20830 | 25 공 41 | 25≈36 | 23 X 33 | 21 γ 3) 21 γ 31 | 21826 |
| 24S | 24중05 | 24≈00 | 21 X 46 | 19Ƴ32 | 19824 | 24궁59 | 24≈54 | 22 X 41 | 20Ƴ27 | 20820 | 25중54 | 25≈49 | 23 ¥ 36 | 21 Y 22 | 21815 |
| 25S | 24궁18 | 24≈14 | 21 X 50 | 19Ƴ24 | 19813 | 25중12 | 25≈08 | 22 X 45 | 20Ƴ19 | 20809 | 26중06 | 26≈02 | 23 X 39 | 21 Y 14 | 21804 |
| 26S | 24중31 | 24≈27 | 21 X 54 | 19Ƴ16 | 19802 | 25궁25 | 25≈21 | 22 X 48 | 20 Ƴ 11 | 19858 | 26궁19 | 26≈15 | 23 X 42 | 21 Y 06 | 20853 |
| 27S | 24344 | 24≈41 | 21 X 58 | 19℃08 | 18852 | 25중38 | 25≈34 | 22 X 51 | 20Υ03 | 19847 | 26중32 | 26≈28 | 23 X 45 | 20Υ57 | 20842 |
| 28S 29S | 24궁57 25궁11 | 24≈55 25≈09 | 22 ¥ 01 22 ¥ 05 | 19\cdot 01 18\cdot 53 | 18 8 41 18 8 29 | 25중51 26중05 | 25≈48 26≈02 | 22 X 55 22 X 58 | 19Ƴ55 19Ƴ46 | 19 8 36 19 8 24 | 26 궁 45 26 궁 59 | 26≈41 26≈54 | 23 \ 48 23 \ 51 | 20 \gamma 49 20 \gamma 40 | 20 8 31 20 8 19 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 25 る 24 25 る 39 | 25≈23 25≈37 | 22 ¥ 09 22 ¥ 13 | 18 Ƴ 45 18 Ƴ 37 | 18 8 18 | 26중18 26중32 | 26≈15 26≈29 | 23 \times 01 23 \times 05 | 19Ƴ38 19Ƴ30 | 19 8 13 | 27중12 27중26 | 27≈08 27≈21 | 23 ¥ 53 23 ¥ 56 | 20 \gamma 31 20 \gamma 23 | 20807 19856 |
| 32S | 25 군 53 | 25≈51 | 22 X 17 | 18 Y 29 | 17855 | 26 3 2 | 26≈43 | 23 × 08 | 19Υ21 | 18849 | 27 3 20 | 27≈35 | 23 X 59 | 20 γ 23 20 γ 14 | 19844 |
| 33S | 26중07 | 26≈06 | 22 X 20 | 18Ƴ21 | 17843 | 27중01 | 26≈57 | 23 X 11 | 19Ƴ13 | 18837 | 27중54 | 27≈49 | 24 X 02 | 20Y05 | 19831 |
| 34S | 26궁22 | 26≈20 | 22 X 24 | 18Ƴ13 | 17831 | 27중15 | 27≈12 | 23 X 15 | 19Ƴ04 | 18825 | 28궁09 | 28≈03 | 24 X 05 | 19 Y 56 | 19819 |
| 35S | 26궁37 | 26≈35 | 22 X 28 | 18Ƴ04 | 17819 | 27중30 | 27≈26 | 23 X 18 | 18 Y 56 | 18813 | 28중24 | 28≈17 | 24 ¥ 08 | 19Ƴ47 | 19806 |
| 36S | 26중53 | 26≈50 | 22 X 32 | 17°56 | 17806 | 27346 | 27≈41 | 23 ¥ 22 | 18 ℃ 47 | 18800 | 28중39 | 28≈31 | 24 X 11 | 19 Y 38 | 18854 |
| 37S 38S | 27る08 27る24 | 27≈05 27≈21 | 22 ¥ 36 22 ¥ 40 | 17 Υ 48 | 16853 | 28 궁 01 28 궁 17 | 27≈55 28≈10 | 23 \times 25 23 \times 29 | 18 Y 38 | 17847 17834 | 28 궁 54 | 28≈45 29≈00 | 24 ¥ 15 24 ¥ 18 | 19 Y 29 | 18841 18827 |
| 39S | 27 당2 4 | 27≈36 | 22 X 44 | 17 Y 30 | 16827 | 28 공 33 | 28≈25 | 23 X 32 | 18 Y 20 | 17820 | 29 궁 26 | 29≈15 | 24 X 21 | 19Υ10 | 18814 |
| 40S | 27궁57 | 27≈52 | 22 X 48 | 17Ƴ22 | 16814 | 28중50 | 28≈41 | 23 X 36 | 18 Y 11 | 17807 | 29중42 | 29≈30 | 24 X 24 | 19 ° 01 | 18800 |
| 41S | 28 궁 15 | 28≈08 | 22 X 52 | 17Y13 | 16800 | 29중07 | 28≈56 | 23 × 40 | 18 Y 02 | 16853 | 29중59 | 29≈45 | 24 X 27 | 18Υ51 | 17845 |
| 42S | 28중32 | 28≈24 | 22 X 56 | 17Ƴ04 | 15846 | 29궁24 | 29≈12 | 23 X 43 | 17Ƴ53 | 16838 | 0≈17 | 0 X 00 | 24 ¥ 30 | 18 Ƴ 41 | 17831 |
| 43S | 28중50 | 28≈40 | 23 ¥ 01 | 16°755 | 15831 | 29342 | 29≈28 | 23 X 47 | 17 ° 43 | 16824 | 0≈34 | 0 × 16 | 24 × 34 | 18Υ31 | 17816 |
| 44S | 29궁09 | 28≈57 | 23 X 05 | 16Ƴ46 | 15817 | 0≈01 | 29≈44 | 23 X 51 | 17Ƴ33 | 16809 | 0≈53 | 0 X 32 | 24 X 37 | 18 Y 21 | 17801 |
| 45S | 29 궁 28 29 궁 48 | 29≈14 | 23 × 13 | 16Y36 | 15801 | 0≈20 0≈30 | 0 X 01 | 23 ¥ 55 | 17 ° 24 17 ° 14 | 15853 | 1≈11 | 0 X 48 | 24 ¥ 40 | 18Y11 | 16845 |
| 46S 47S | 29 6 48 0≈08 | 29≈31 29≈49 | 23 ¥ 13 23 ¥ 18 | 16 ° 27 16 ° 17 | 14846 14830 | 0≈39 0≈59 | 0 ¥ 18 0 ¥ 35 | 23 \times 59 24 \times 02 | 17\\dagger14 17\dagger04 | 15 8 37 | 1≈30 1≈50 | 1 X 05 1 X 21 | 24 X 44 24 X 47 | 18 \(\psi 01 \) 17 \(\psi 50 \) | 16 8 29 |
| 48S | 0≈29 | 0 × 07 | 23 × 22 | 16 ° 07 | 14813 | 1≈20 | 0 X 53 | 24 × 06 | 16°753 | 15804 | 2≈11 | 1 X 38 | 24 X 51 | 17 Y 39 | 15855 |
| 49S | 0≈50 | 0 ¥ 26 | 23 X 27 | 15Ƴ57 | 13856 | 1≈41 | 1 X 11 | 24 ¥ 10 | 16Ƴ43 | 14847 | 2≈32 | 1 X 56 | 24 X 54 | 17Ƴ28 | 15838 |
| 50S | 1≈13 | 0 ¥ 44 | 23 X 32 | 15Ƴ47 | 13839 | 2≈03 | 1 X 29 | 24 ¥ 15 | 16Ƴ32 | 14830 | 2≈54 | 2 X 14 | 24 X 58 | 17 Ƴ 17 | 15820 |
| 51S | 1≈36 | 1 X 03 | 23 ¥ 36 | 15 Ƴ 37 | 13821 | 2≈26 | 1 X 48 | 24 X 19 | 16 Υ 21 | 14811 | 3≈16 | 2 X 32 | 25 × 01 | 17Υ06 | 15801 |
| 52S 53S | 1≈59 | 1 X 23 1 X 43 | 23 X 41 23 X 46 | 15 Y 26 15 Y 15 | 13 8 02 12 8 43 | 2≈49 3≈14 | 2 X 07 | 24 \times 23 24 \times 27 | 16Ƴ10 15Ƴ59 | 13852 13833 | 3≈39 | 2 X 51 | 25 \times 05 25 \times 09 | 16 ° 54 16 ° 42 | 14842 14822 |
| 53S 54S | 2≈24 2≈50 | 2 X 04 | 23 X 46 23 X 51 | 15 \ \ 15 | 12823 | 3≈14 | 2 X 26 2 X 47 | 24 X 27 24 X 32 | 15°47 | 13813 | 4≈03 | 3 X 10 3 X 29 | 25 X 13 | 16 \ 42 | 14802 |
| 55S | 3≈16 | 2 X 25 | 23 X 56 | 14\gamma 52 | 12803 | 4≈05 | 3 X 07 | 24 X 36 | 15 Y 35 | 12852 | 4≈54 | 3 X 49 | 25 X 17 | 16 Y 17 | 13841 |
| 56S | 3≈10 | 2 X 23 | 24 X 01 | 14 Y 32 | 11841 | 4≈03 | 3 X 28 | 24 X 30 | 15 Y 23 | 12832 | 5≈21 | 4 X 10 | 25 X 17 | 16 Y 04 | 13818 |
| 57S | 4≈13 | 3 X 09 | 24 ¥ 07 | 14Ƴ29 | 11819 | 5≈01 | 3 ¥ 50 | 24 X 46 | 15 Υ 10 | 12807 | 5≈50 | 4 ∺ 31 | 25 ¥ 25 | 15 Ƴ 51 | 12856 |
| 58S | 4≈43 | 3 × 32 | 24 X 12 | 14Υ16 | 10856 | 5≈31 | 4 × 12 | 24 ¥ 51 | 14°57 | 11844 | 6≈19 | 4 ¥ 53 | 25 ¥ 29 | 15Υ38 | 12832 |
| 59S | 5≈15 | 3 ¥ 55 | 24 X 18 | 14Ƴ04 | 10832 | 6≈02 | 4 X 35 | 24 X 56 | 14Ƴ44 | 11820 | 6≈50 | 5 X 15 | 25 X 34 | 15℃24 | 12807 |
| 60S | 5≈47 | 4 ¥ 20 | 24 ¥ 23 | 13 Υ 51 | 10807 | 6≈35 | 4 X 59 | 25 ¥ 01 | 14 Y 30 | 10854 | 7≈22 | 5 ¥ 38 | 25 ¥ 38 | 15 Y 10 | 11841 |
| 618 | 6≈22 6≈58 | 4 ¥ 45 5 ¥ 10 | 24 ¥ 29 24 ¥ 35 | 13 Y 37 13 Y 23 | 9841 9814 | 7≈09 7≈44 | 5 X 23 5 X 48 | 25 ¥ 06 25 ¥ 11 | 14 Υ 16 14 Υ 02 | 10828 10800 | 7≈55 8≈30 | 6 ¥ 02 6 ¥ 26 | 25 \ 43 25 \ 47 | 14 Y 55 14 Y 40 | 11814 10846 |
| 62S 63S | 0≈38 7≈36 | 5 X 10 | 24 X 33 24 X 42 | 13 \ \ 23 | 8846 | 7≈44 8≈22 | 6 X 14 | 25 X 17 | 13\psi 47 | 9831 | 9≈07 | 6 X 52 | 25 X 47 25 X 52 | 14 \ \(\gamma \) 40 | 10846 |
| 64S | 8≈16 | 6 × 05 | 24 X 48 | 12°754 | 8816 | 9≈01 | 6×41 | 25 × 23 | 13 Y 31 | 9800 | 9≈46 | 7 × 18 | 25 X 57 | 14 Y 08 | 9845 |
| | | | | l . | | | I | | | 1 | I | | | | 0.412 |
| 65S | 8≈58 | 6 ∺ 33 | 24 X 55 | 12 Ƴ 39 | 7844 | 9≈42 | 7 X 09 | 25×28 | 13 Y 15 | 8828 | 10≈27 | 7 X 45 | 26×02 | 13 Y 51 | 9812 |
| 65S 66S | | 6 × 33 7 × 03 | 24 X 55 25 X 01 | 12 Ƴ 39 12 Ƴ 23 | 7844 7811 | 9≈42 10≈26 | 7 X 09 7 X 38 | 25 \times 28 25 \times 35 | 13 ° 15 12 ° 59 | 8828 7855 | 10≈27 11≈10 | 7 X 45 8 X 13 | 26 \times 02 26 \times 08 | 13 Υ 51 13 Υ 34 | 8838 |

| | 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> | 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 | 23중09 | 22≈38 | 24 X 33 | 26Ƴ56 | 27816 | 24궁06 | 23≈40 | 25 ¥ 38 | 27Ƴ59 | 28814 |
| 1S | 22324 | 21≈50 | 23 ¥ 30 | 25 Y 43 | 26808 | 23중20 | 22≈52 | 24 X 35 | 26Υ46 | 27806 | 24중17 | 23≈53 | 25 X 40 | 27 Y 49 | 28804 |
| 2S | 22중35 | 22≈04 | 23 ¥ 33 | 25 ° 34 | 25858 | 23중31 | 23≈05 | 24 ¥ 38 | 26Y36 | 26856 | 24328 | 24≈06 | 25 X 42 | 27 Y 39 | 27854 |
| 3S 4S | 22궁46 22궁57 | 22≈17 22≈30 | 23 ¥ 36 23 ¥ 39 | 25 \cdot 24 25 \cdot 15 | 25 8 48 25 8 38 | 23중43 23중54 | 23≈18 23≈31 | 24 X 40 24 X 42 | 26 Y 26 26 Y 17 | 26 8 46 26 8 35 | 24궁39 24궁50 | 24≈19 24≈31 | 25 \ 44 25 \ 46 | 27 Y 29 27 Y 19 | 27843 27833 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 23 궁 08 23 궁 20 | 22≈43 22≈56 | 23 \times 42 23 \times 44 | 25 \cdot 05 24 \cdot 56 | 25 8 28 25 8 18 | 24 궁 05 24 궁 16 | 23≈43 23≈56 | 24 X 45 24 X 47 | 26 ° 07 25 ° 58 | 26 8 25 26 8 15 | 25 궁 01 25 궁 12 | 24≈44 24≈56 | 25 \times 48 25 \times 49 | 27 Y 09 26 Y 59 | 27823 27812 |
| 7S | 23 중 31 | 22≈30 23≈09 | 23 X 47 | 24 Y 30 | 25807 | 24명27 | 23≈30 24≈09 | 24 X 49 | 25 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 26805 | 25 중 23 | 25≈08 | 25 X 51 | 26 Y 49 | 27802 |
| 8S | 23~342 | 23≈22 | 23 X 50 | 24Y38 | 24857 | 24중38 | 24≈21 | 24 X 51 | 25Υ39 | 25855 | 25중34 | 25≈20 | 25 X 53 | 26Y39 | 26852 |
| 9S | 23중53 | 23≈35 | 23 ¥ 53 | 24Ƴ29 | 24847 | 24궁49 | 24≈34 | 24 X 54 | 25Ƴ29 | 25844 | 25중45 | 25≈33 | 25 ¥ 55 | 26Ƴ30 | 26842 |
| 10S | 24궁04 | 23≈47 | 23 X 55 | 24Ƴ20 | 24837 | 25궁00 | 24≈46 | 24 X 56 | 25Ƴ20 | 25834 | 25궁56 | 25≈45 | 25 X 57 | 26Ƴ20 | 26831 |
| 11S | 24중15 | 24≈00 | 23 X 58 | 24Ƴ11 | 24827 | 25중11 | 24≈58 | 24 X 58 | 25Ƴ11 | 25824 | 26중07 | 25≈57 | 25 X 58 | 26Υ10 | 2682 |
| 12S | 24궁27 | 24≈13 | 24 ∺ 00 | 24Ƴ03 | 24817 | 25る22 | 25≈11 | 25 ¥ 00 | 25 ℃ 02 | 25814 | 26중18 | 26≈09 | 26 ₩ 00 | 26 ⋎ 01 | 2681 |
| 13S | 24중38 | 24≈25 | 24 × 03 | 23 Y 54 | 24807 | 25중34 | 25≈23 | 25 ¥ 02 | 24 Y 53 | 25803 | 26중29 | 26≈21 | 26 × 02 | 25 Υ 51 | 26800 |
| 14S | 24궁50 | 24≈38 | 24 X 06 | 23 ℃ 45 | 23856 | 25중45 | 25≈35 | 25 X 05 | 24Ƴ44 | 24853 | 26중41 | 26≈33 | 26 ¥ 03 | 25 ℃ 42 | 25850 |
| 15S | 25중01 | 24≈50 | 24 × 08 | 23 Y 36 | 23846 | 25궁56 | 25≈47 | 25 × 07 | 24 Y 34 | 24843 | 26중52 | 26≈45 | 26 × 05 | 25 ⋎ 33 | 25839 |
| 16S 17S | 25중13 25중24 | 25≈03 25≈15 | 24 X 11 24 X 13 | 23 \cdot 27 23 \cdot 19 | 23 8 36 23 8 26 | 26 궁 08 26 궁 19 | 25≈59 26≈12 | 25 ¥ 09 25 ¥ 11 | 24 Y 25 24 Y 16 | 24832 24822 | 27중03 27중15 | 26≈56 27≈08 | 26 ± 07 26 ± 09 | 25 \cdot 23 25 \cdot 14 | 25 8 29 |
| 18S | 25중36 | 25≈13 25≈28 | 24 X 13 | 23 Y 19 | 23815 | 26중31 | 26≈12 26≈24 | 25 X 11 | 24 Y 10 | 24811 | 27 日 13 | 27≈08 27≈20 | 26 X 10 | 25 Y 04 | 25807 |
| 19S | 25 공 48 | 25≈40 | 24 X 18 | 23Υ01 | 23805 | 26 공 43 | 26≈36 | 25 X 15 | 23 Y 58 | 24801 | 27 3 38 | 27≈32 | 26 × 12 | 24 Y 55 | 24857 |
| _{20S} | 25중59 | 25≈53 | 24 X 21 | 22 Y 53 | 22854 | 26중55 | 26≈48 | 25 X 17 | 23 ℃ 49 | 23850 | 27중50 | 27≈44 | 26 X 14 | 24Ƴ46 | 24846 |
| 21S | 26중12 | 26≈05 | 24 × 23 | 22 Y 44 | 22843 | 27중06 | 27≈01 | 25 X 19 | 23°Y40 | 23839 | 28중01 | 27≈56 | 26 × 15 | 24Y36 | 24835 |
| 22S | 26중24 | 26≈18 | 24 X 26 | 22Ƴ35 | 22833 | 27중18 | 27≈13 | 25 ¥ 21 | 23Ƴ31 | 23828 | 28중13 | 28≈08 | 26 X 17 | 24Ƴ27 | 24824 |
| 23S | 26중36 | 26≈30 | 24 ¥ 28 | 22Y26 | 22822 | 27중31 | 27≈25 | 25 ¥ 23 | 23 Y 22 | 23817 | 28825 | 28≈20 | 26 ¥ 19 | 24Y18 | 24813 |
| 24S | 26중48 | 26≈43 | 24 X 31 | 22 Ƴ 18 | 22811 | 27중43 | 27≈37 | 25 ¥ 25 | 23 ℃ 13 | 23806 | 28중38 | 28≈32 | 26 X 20 | 24Ƴ08 | 24801 |
| 25S | 27중01 | 26≈56 | 24 X 33 | 22 ℃ 09 | 22800 | 27중55 | 27≈50 | 25 ¥ 28 | 23 ℃ 04 | 22855 | 28중50 | 28≈44 | 26 ¥ 22 | 23 Y 59 | 23850 |
| 26S | 27중14 | 27≈08 | 24 ¥ 36 | 22Υ00 212051 | 21848 | 28중08 | 28≈02 | 25 ¥ 30 | 22°755 | 22844 | 29중02 | 28≈56 | 26 X 24 | 23 Y 49 | 23839 |
| 27S 28S | 27 궁 26 27 궁 39 | 27≈21 27≈34 | 24 ¥ 38 24 ¥ 41 | 21 Y 51 21 Y 42 | 21837 21826 | 28 궁 21 28 궁 34 | 28≈15 28≈27 | 25 \times 32 25 \times 34 | 22 \Gamma 45 22 \Gamma 36 | 22832 22820 | 29 궁 15 29 궁 28 | 29≈08 29≈21 | 26 \times 25 26 \times 27 | 23 \gamma 40 23 \gamma 30 | 23827 23815 |
| 29S | 27 당 53 | 27≈3 4 27≈47 | 24 X 43 | 21 Y 33 | 21814 | 28 공 47 | 28≈40 | 25 X 36 | 22 Y 27 | 22809 | 29정41 | 29≈33 | 26 X 29 | 23 Y 20 | 23803 |
| 30S | 28궁06 | 28≈00 | 24 X 46 | 21 ℃ 24 | 21802 | 29중00 | 28≈53 | 25 ¥ 38 | 22Υ18 | 21857 | 29중54 | 29≈46 | 26 ¥ 30 | 23 ℃ 11 | 22851 |
| 31S | 28 중 20 | 28≈14 | 24 X 48 | 21 Υ 2 4 21 Υ 15 | 20850 | 29중14 | 29≈06 | 25 X 40 | 22 Υ 18 22 Υ 08 | 21845 | 0≈07 | 29≈58 | 26 × 32 | 23 Υ 01 | 22839 |
| 32S | 28중34 | 28≈27 | 24 X 51 | 21 Y 06 | 20838 | 29궁27 | 29≈19 | 25 X 42 | 21 Y 59 | 21832 | 0≈21 | 0 X 11 | 26 X 34 | 22 Υ 51 | 22826 |
| 33S | 28중48 | 28≈40 | 24 X 53 | 20 Υ 57 | 20826 | 29ਰ41 | 29≈32 | 25 X 44 | 21 Y 49 | 21820 | 0≈35 | 0 X 23 | 26 X 35 | 22 Ƴ 41 | 22814 |
| 34S | 29중02 | 28≈54 | 24 X 56 | 20Ƴ48 | 20813 | 29궁56 | 29≈45 | 25 X 47 | 21Ƴ39 | 21807 | 0≈49 | 0 X 36 | 26 X 37 | 22 Ƴ 31 | 22801 |
| 35S | 29궁17 | 29≈08 | 24 X 59 | 20 ℃ 38 | 20800 | 0≈10 | 29≈58 | 25 X 49 | 21 Y 30 | 20854 | 1≈03 | 0 X 49 | 26 ¥ 39 | 22 Y 21 | 21848 |
| 36S 37S | 29중32 29중47 | 29≈21 29≈35 | 25 ¥ 01 25 ¥ 04 | 20 ° 29 20 ° 19 | 19847 19834 | 0≈25 0≈40 | 0 X 12 | 25 ¥ 51 | 21 \cdot 20 21 \cdot 10 | 20841 | 1≈18 1≈33 | 1 X 03 | 26 × 41 | 22 \mathbb{\gamma}11 22 \mathbb{\gamma}00 | 21834 21821 |
| 38S | 0≈03 | | | 20Υ19 20Υ10 | | 0≈40 | 0 X 26 | 25 X 53 25 X 55 | | 20827 20814 | 1≈33 | 1 X 16 | 26 X 42 26 X 44 | | _ |
| 39S | 0≈19 | 0 × 04 | 25 × 09 | 20Υ00 | 19807 | 1≈11 | 0 X 54 | 25 × 58 | 20Υ50 | 20800 | 2≈04 | 1 X 43 | 26 × 46 | 21 Υ 30 21 Υ 39 | 20853 |
| 40S | 0≈35 | 0 X 19 | 25 X 12 | 19Ƴ50 | 18852 | 1≈27 | 1 X 08 | 26 ¥ 00 | 20Ƴ39 | 19845 | 2≈20 | 1 X 57 | 26 X 48 | 21 ℃29 | 20838 |
| 41S | 0≈52 | 0 X 33 | 25 X 15 | 19 Y 40 | 18838 | 1≈44 | 1 X 22 | 26 × 02 | 20Υ29 | 19831 | 2≈36 | 2 X 11 | 26 × 50 | 21 Υ 18 | 20823 |
| 42S | 1≈09 | 0 X 49 | 25 X 17 | 19Ƴ30 | 18823 | 2≈01 | 1 X 37 | 26 X 04 | 20 Ƴ 18 | 19816 | 2≈53 | 2 X 25 | 26 X 51 | 21 ⋎ 07 | 20808 |
| 43S | 1≈26 | 1 X 04 | 25 X 20 | 19Ƴ19 | 18808 | 2≈18 | 1 X 52 | 26 X 07 | 20℃08 | 19800 | 3≈10 | 2 X 39 | 26 X 53 | 20℃56 | 19853 |
| 44S | 1≈44 | 1 X 19 | 25 X 23 | 19Ƴ09 | 17853 | 2≈36 | 2 × 07 | 26 X 09 | 19Ƴ57 | 18845 | 3≈28 | 2 X 54 | 26 X 55 | 20Ƴ44 | 19837 |
| 45S | 2≈03 | 1 X 35 | 25 ¥ 26 | 18 Υ 58 | 17837 | 2≈54 | 2 ¥ 22 | 26 ¥ 11 | 19Ƴ46 | 18829 | 3≈46 | 3 × 09 | 26 × 57 | 20 ℃ 33 | 19820 |
| 46S | 2≈22 | 1 X 51 | 25 ¥ 29 | 18 Υ 47 | 17820 | 3≈13 | 2 ¥ 38 | 26 × 14 | 19Y34 | 18812 | 4≈05 4≈24 | 3 X 24 | 26 X 59 | 20Y21 | 19803 |
| 47S 48S | 2≈41 3≈02 | 2 X 07 2 X 24 | 25 \times 32 25 \times 35 | 18 Y 36 18 Y 25 | 17804 16846 | 3≈33 3≈53 | 2 X 54 3 X 10 | 26 X 16 26 X 19 | 19 ° 23 19 ° 11 | 17855 17837 | 4≈24 4≈43 | 3 X 40 3 X 56 | 27 ¥ 01 27 ¥ 03 | 20 Y 09 19 Y 57 | 18846 18828 |
| 49S | 3≈02 3≈22 | 2 X 24 2 X 41 | 25 X 38 | 18 Y 23 | 16829 | 4≈13 | 3 X 10 | 26 X 21 | 18 Y 59 | 17837 | 5≈04 | 4 X 12 | 27 X 05 | 19 ¥ 37 | 18810 |
| 50S | 3≈44 | 2 X 59 | 25 X 41 | 18 Y 02 | 16810 | 4≈34 | 3 X 43 | 26 X 24 | 18 Ƴ 47 | 17801 | 5≈25 | 4 × 28 | 27 X 07 | 19 Y 32 | 17851 |
| 51S | 4≈06 | 3 X 16 | 25 X 44 | 17 Y 50 | 15852 | 4≈56 | 4 X 01 | 26 X 27 | 18 Y 35 | 16842 | 5≈46 | 4 X 45 | 27 × 09 | 19 Y 19 | 17832 |
| 52S | 4≈29 | 3 ¥ 34 | 25 X 47 | 17Ƴ38 | 15832 | 5≈19 | 4 ∺ 18 | 26 X 29 | 18℃22 | 16822 | 6≈09 | 5 ¥ 02 | 27 X 11 | 19Ƴ06 | 1781 |
| 53S | 4≈53 | 3 ¥ 53 | 25 ¥ 50 | 17℃25 | 15812 | 5≈43 | 4¥36 | 26 ¥ 32 | 18 Υ 09 | 16801 | 6≈32 | 5 ¥ 20 | 27 ¥ 13 | 18 Υ 52 | 1685 |
| 54S | 5≈18 | 4 ¥ 12 | 25 X 54 | 17 ℃ 13 | 14851 | 6≈07 | 4 ¥ 55 | 26 ¥ 35 | 17Ƴ56 | 15840 | 6≈56 | 5 ∺ 38 | 27 X 16 | 18Ƴ39 | 16829 |
| 55S | 5≈43 | 4 ¥ 32 | 25 ¥ 57 | 17 ⋎ 00 | 14829 | 6≈32 | 5 X 14 | 26 ¥ 38 | 17 Υ 42 | 15818 | 7≈21 | 5 X 56 | 27 ¥ 18 | 18 ℃ 24 | 1680 |
| 56S | 6≈10 | 4 X 52 | 26 × 01 | 16°Y46 | 14807 | 6≈59 | 5 X 33 | 26 × 40 | 17 Y 28 17 Y 14 | 14855 | 7≈47 | 6 X 15 | 27 ¥ 20 | 18 Υ 10 17 Υ 55 | 1584 1582 |
| 57S 58S | 6≈38 7≈07 | 5 X 12 5 X 33 | 26 \times 04 26 \times 08 | 16 Ƴ 33 16 Ƴ 18 | 13 8 44 13 8 19 | 7≈26 7≈55 | 5 X 53 6 X 14 | 26 \times 43 26 \times 46 | 1/\gamma 14 16\gamma 59 | 14832 14807 | 8≈14 8≈42 | 6 X 34 | 27 ¥ 23 27 ¥ 25 | 17°7'55 17°Y'40 | 1485 |
| 59S | 7≈07 7≈37 | 5 X 55 | 26 X 12 | 16 1 04 | 12854 | 8≈24 | 6 X 35 | 26 X 50 | 16 Y 44 | 13841 | 9≈12 | 7 X 15 | 27 X 28 | 17 1 40 | 14829 |
| 50S | 8≈09 | 6¥17 | 26 X 15 | 15Ƴ49 | 12828 | 8≈56 | 6¥57 | 26 X 53 | 16Ƴ29 | 13815 | 9≈43 | 7 ∺ 36 | 27 X 30 | 17℃08 | 1480 |
| 51S | 8≈42 | 6×41 | 26 X 19 | 15 Y 34 | 12800 | 9≈28 | 7 X 19 | 26 X 56 | 16 Y 13 | 12847 | 10≈15 | 7 X 58 | 27 X 33 | 16Y51 | 1383 |
| | 9≈16 | 7 × 04 | 26 × 23 | 15Υ18 | 11832 | 10≈02 | 7 × 42 | 26 × 59 | 15Υ56 | 12817 | 10≈48 | 8 X 20 | 27 × 35 | 16 Y 34 | 1380 |
| 62S | | | 26 ¥ 28 | 15 ℃ 02 | 11801 | 10≈38 | 8¥06 | 27 ¥ 03 | 15Ƴ39 | 11847 | 11≈24 | 8 X 44 | 27 ¥ 38 | 16Ƴ17 | 1283 |
| 53S | 9≈53 | 7 X 29 | | | | | 0.4.2.1 | 271/06 | 150021 | 11 9 15 | 12≈01 | 0 4 07 | 273/41 | 150050 | 11859 |
| 63S | | 7 X 29 | 26 X 32 | 14Ƴ45 | 10830 | 11≈16 | 8 X 31 | 27 X 06 | 15℃21 | 11815 | 12≈01 | 9 X 07 | 27 X 41 | 15 ℃ 58 | 1100 |
| 63S 64S 65S | 9≈53 | 7 X 54 8 X 21 | 26 \times 32 26 \times 36 | 14Ƴ45 14Ƴ27 | 9857 | 11≈16 11≈56 | 8¥56 | 27 X 10 | 15Ƴ03 | 10841 | 12≈40 | 9 X 32 | 27 ¥ 44 | 15Ƴ39 | 11825 |
| 62S 63S 64S 65S 66S pc | 9≈53 10≈31 | 7 ¥ 54 | 26 X 32 | 14Ƴ45 | | | | | | | | | | | 11825 10849 10828 |

| | Sid.Tir MC: | | 48m A 14'50 | RMC: 2 | 67°00' | Sid.Tir MC: | | 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 | 3 11 12 Asc 2 3 11 12 Asc 2 | | | | | | | | | |
| 0S | 25중03 | 24≈42 | 26 X 43 | 29Ƴ02 | 29812 | 26궁00 | 25≈44 | 27 X 49 | 0805 | 0п10 | 26궁57 | 26≈46 | 28 X 54 | 1808 | 1п07 |
| 1S | 25중14 | 24≈55 | 26 X 45 | 28⋎52 | 29802 | 26중11 | 25≈56 | 27 ¥ 50 | 29 Y 54 | 29859 | 27중08 | 26≈58 | 28 X 55 | 0856 | 0П57 |
| 2S | 25중25 | 25≈07 | 26 × 46 | 28 Υ 41 | 28851 | 26중22 | 26≈09 | 27 X 51 | 29 ℃ 43 | 29849 | 27중19 | 27≈10 | 28 X 55 | 0845 | 0П46 |
| 3S 4S | 25 궁 36 25 궁 47 | 25≈19 25≈32 | 26 X 48 26 X 49 | 28 \gamma 31 28 \gamma 20 | 28 8 41 28 8 31 | 26중32 26중43 | 26≈21 26≈33 | 27 ¥ 52 27 ¥ 53 | 29 \gamma 32 29 \gamma 22 | 29 8 38 29 8 28 | 27중29 27중40 | 27≈22 27≈34 | 28 ¥ 56 28 ¥ 56 | 0834 0823 | 0Д36 0Д25 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 25 궁 57 26 궁 08 | 25≈44 25≈56 | 26 \times 51 26 \times 52 | 28 \(\cdot 10 \) 28 \(\cdot 00 \) | 28 8 20 28 8 10 | 26 궁 54 27 궁 05 | 26≈44 26≈56 | 27 ¥ 54 27 ¥ 54 | 29Ƴ11 29Ƴ01 | 29817 29807 | 27 궁 51 28 궁 02 | 27≈45 27≈57 | 28 X 57 28 X 57 | 0812 0801 | 0П14 0П04 |
| 7S | 26 공 19 | 25≈30 26≈08 | 26 X 53 | 27 Y 50 | 27859 | 27중16 | 20≈30 27≈08 | 27 X 55 | 28 Y 50 | 28856 | 28 중 12 | 28≈08 | 28 X 57 | 29 Y 51 | 29853 |
| 8S | 26중30 | 26≈20 | 26 X 55 | 27Υ40 | 27849 | 27827 | 27≈19 | 27 ¥ 56 | 28Υ40 | 28846 | 28823 | 28≈19 | 28 X 58 | 29Υ40 | 29843 |
| 9S | 26궁41 | 26≈32 | 26 X 56 | 27Ƴ30 | 27839 | 27중37 | 27≈31 | 27 X 57 | 28Ƴ30 | 28835 | 28중34 | 28≈30 | 28 X 58 | 29Ƴ29 | 29832 |
| 10S | 26궁52 | 26≈44 | 26 X 57 | 27Ƴ20 | 27828 | 27중48 | 27≈43 | 27 X 58 | 28Υ19 | 28825 | 28중45 | 28≈42 | 28 X 59 | 29Ƴ19 | 29821 |
| 11S | 27る03 | 26≈55 | 26 X 59 | 27 ⋎ 10 | 27818 | 27궁59 | 27≈54 | 27 X 59 | 28Ƴ09 | 28814 | 28궁55 | 28≈53 | 28 X 59 | 29Ƴ08 | 29811 |
| 12S | 27중14 | 27≈07 | 27 ¥ 00 | 27Υ00 | 27807 | 28중10 | 28≈05 | 28 ¥ 00 | 27Υ59 | 28804 | 29중06 | 29≈04 | 29 × 00 | 28 Y 58 | 29800 |
| 13S 14S | 27 る 25 27 る 36 | 27≈19 27≈30 | 27 ¥ 01 27 ¥ 02 | 26 \gamma 50 26 \gamma 40 | 26857 | 28 중 21 28 중 32 | 28≈17 28≈28 | 28 ¥ 01 28 ¥ 01 | 27 Y 49 27 Y 39 | 27853 27842 | 29중17 29중28 | 29≈15 29≈26 | 29 ¥ 00 29 ¥ 00 | 28 Ƴ 47 28 Ƴ 37 | 28 8 49 |
| - 1 | | | | | 26846 | | | | | | | | | | |
| 15S 16S | 27 云 48 27 云 59 | 27≈42 27≈54 | 27 ¥ 04 27 ¥ 05 | 26Ƴ31 26Ƴ21 | 26 8 36 26 8 25 | 28 궁 43 28 궁 55 | 28≈39 28≈51 | 28 ¥ 02 28 ¥ 03 | 27 Y 29 27 Y 19 | 27832 27821 | 29 궁 39 29 궁 50 | 29≈37 29≈48 | 29 \(\) 01 29 \(\) 01 | 28 \cdot 27 28 \cdot 16 | 28828 28817 |
| 10S 17S | 27 5 39 28 중 10 | 27≈34 28≈05 | 27 X 05 27 X 06 | 26 Y 21 26 Y 11 | 26814 | 28 5 33 29 중 06 | 28≈51 29≈02 | 28 H 03 28 H 04 | 27\cdot 19 27\cdot 09 | 27821 | 0≈01 | 29≈48 29≈59 | 29 X 01 29 X 02 | 28 Y 16 28 Y 06 | 28806 |
| 18S | 28 중 22 | 28≈17 | 27 × 08 | 26\gamma 02 | 26803 | 29당17 | 29≈13 | 28 × 05 | 26Υ59 | 26859 | 0≈01 | 0 × 10 | 29 × 02 | 27Υ55 | 27855 |
| 19S | 28중33 | 28≈28 | 27 × 09 | 25 Υ 52 | 25853 | 29궁29 | 29≈25 | 28 X 06 | 26 Υ 49 | 26848 | 0≈24 | 0 X 21 | 29 × 03 | 27 ° 45 | 27844 |
| 20S | 28345 | 28≈40 | 27 X 10 | 25Ƴ42 | 25842 | 29궁40 | 29≈36 | 28 X 07 | 26Ƴ39 | 26837 | 0≈35 | 0 X 32 | 29 X 03 | 27Ƴ35 | 27833 |
| 21S | 28궁57 | 28≈52 | 27 X 11 | 25Ƴ32 | 25831 | 29궁52 | 29≈47 | 28 X 07 | 26Ƴ28 | 26826 | 0≈47 | 0 X 43 | 29 X 03 | 27Ƴ24 | 27822 |
| 22S | 29중08 | 29≈03 | 27 ¥ 13 | 25 ℃ 23 | 25819 | 0≈03 | 29≈59 | 28 ¥ 08 | 26Υ18 | 26815 | 0≈58 | 0 X 54 | 29 × 04 | 27 Υ 14 | 27810 |
| 23S 24S | 29중20 29중32 | 29≈15 29≈27 | 27 X 14 27 X 15 | 25 ° 13 25 ° 03 | 25 8 08 24 8 57 | 0≈15 0≈27 | 0 × 10 0 × 21 | 28 ¥ 09 28 ¥ 10 | 26 \(\cdot 08 \) 25 \(\cdot 58 \) | 26 8 03 25 8 52 | 1≈10 | 1 X 05 1 X 16 | 29 \times 04 29 \times 05 | 27\cdot\04 26\cdot\53 | 26 8 59 |
| | | | | | | | | | | | 1≈22 | | | | |
| 25S | 29 궁 45 | 29≈38 | 27 × 16 | 24°753 | 24845 | 0≈39 | 0 X 33 | 28 X 11 | 25 Y 48 | 25840 | 1≈34 | 1 X 27 | 29 X 05 | 26°°43 | 26835 |
| 26S 27S | 29る57 0≈09 | 29≈50 0 × 02 | 27 X 18 27 X 19 | 24 \cdot 44 24 \cdot 34 | 24834 24822 | 0≈52 1≈04 | 0 X 44 0 X 56 | 28 ¥ 12 28 ¥ 12 | 25 \gamma 38 25 \gamma 28 | 25 8 29 25 8 17 | 1≈46 1≈58 | 1 X 38 1 X 50 | 29 ¥ 06 29 ¥ 06 | 26 \cdot 32 26 \cdot 22 | 26823 26811 |
| 28S | 0≈22 | 0 X 14 | 27 X 20 | 24Y24 | 24810 | 1≈16 | 1 X 07 | 28 X 13 | 25Υ17 | 25805 | 2≈11 | 2 X 01 | 29 × 06 | 26Υ11 | 25859 |
| 29S | 0≈35 | 0 ₩ 26 | 27 X 21 | 24Υ14 | 23858 | 1≈29 | 1 X 19 | 28 X 14 | 25Ƴ07 | 24852 | 2≈24 | 2 X 12 | 29 X 07 | 26Y00 | 25847 |
| 30S | 0≈48 | 0 X 38 | 27 X 23 | 24Ƴ04 | 23846 | 1≈42 | 1 X 31 | 28 X 15 | 24 Y 57 | 24840 | 2≈36 | 2 X 24 | 29 X 07 | 25 Y 50 | 25834 |
| 31S | 1≈01 | 0 ¥ 50 | 27 X 24 | 23 ℃ 54 | 23833 | 1≈55 | 1 X 43 | 28 X 16 | 24Ƴ46 | 24827 | 2≈49 | 2 X 35 | 29 ¥ 08 | 25Ƴ39 | 25822 |
| 32S | 1≈15 | 1 X 03 | 27 ¥ 25 | 23 ℃ 43 | 23821 | 2≈09 | 1 X 55 | 28 X 17 | 24 Y 36 | 24815 | 3≈03 | 2 X 47 | 29 ¥ 08 | 25℃28 | 25809 |
| 33S | 1≈29 | 1 X 15 | 27 ¥ 26 | 23Υ33 | 23808 | 2≈22 | 2 × 07 | 28 X 17 | 24°25 | 24802 | 3≈16 | 2 X 59 | 29 ¥ 08 | 25 Y 17 | 24855 |
| 348 | 1≈43 | 1 ★ 28 | 27 X 28 | 23 ℃ 23 | 22855 | 2≈36 | 2 X 19 | 28 X 18 | 24 ℃ 14 | 23848 | 3≈30 | 3 X 10 | 29 ** 09 | 25 ℃ 06 | 24842 |
| 35S | 1≈57 | 1 X 40 | 27 ¥ 29 | 23 Y 12 | 22841 | 2≈50 2 05 | 2 X 31 | 28 X 19 | 24Υ03 | 23835 | 3≈44 | 3 ¥ 22 | 29 × 09 | 24 \cdot 54 24 \cdot 43 | 24828 |
| 36S 37S | 2≈11 2≈26 | 1 X 53 2 X 06 | 27 ¥ 30 27 ¥ 32 | 23 \(\psi 02 \) 22 \(\psi 51 \) | 22828 22814 | 3≈05 3≈19 | 2 X 44 2 X 56 | 28 ¥ 20 28 ¥ 21 | 23 \gamma 52 23 \gamma 41 | 23821 23807 | 3≈58 4≈12 | 3 X 34 3 X 47 | 29 ¥ 10 29 ¥ 10 | 24 Y 43 24 Y 32 | 24815 24800 |
| 38S | 2≈41 | | 27 X 33 | | 22800 | | 3 × 09 | | 23 Υ 30 | | 4≈27 | | 29 X 11 | | _ |
| 39S | 2≈57 | 2 X 32 | 27 X 34 | 22Ƴ29 | 21846 | 3≈49 | 3 X 22 | 28 X 23 | 23Ƴ19 | 22838 | 4≈42 | 4 X 11 | 29 X 11 | 24Ƴ08 | 23831 |
| 40S | 3≈12 | 2 X 46 | 27 X 36 | 22 Y 18 | 21831 | 4≈05 | 3 ¥ 35 | 28 X 24 | 23 ℃ 07 | 22824 | 4≈58 | 4 X 24 | 29 X 12 | 23 Y 56 | 23816 |
| 41S | 3≈29 | 3 X 00 | 27 X 37 | 22 ℃ 07 | 21816 | 4≈21 | 3 X 48 | 28 ¥ 25 | 22Y56 | 22808 | 5≈13 | 4 X 37 | 29 X 12 | 23 ℃ 44 | 23801 |
| 42S | 3≈45 | 3 X 13 | 27 X 38 | 21 ℃ 55 | 21800 | 4≈37 | 4 ¥ 02 | 28 X 25 | 22Ƴ44 | 21853 | 5≈30 | 4 ¥ 50 | 29 X 12 | 23 ℃ 32 | 22845 |
| 43S | 4≈02 | 3 × 27 | 27 X 40 | 21 Y 44 | 20845 | 4≈54 | 4¥15 | 28 ¥ 26 | 22 Y 32 | 21837 | 5≈46 | 5 X 03 | 29 X 13 | 23Υ20 | 22829 |
| 44S | 4≈20 | 3 ¥ 42 | 27 X 41 | 21 ℃ 32 | 20828 | 5≈11 | 4 X 29 | 28 X 27 | 22 Ƴ 20 | 21820 | 6≈03 | 5 X 17 | 29 X 13 | 23 ℃ 07 | 22812 |
| 45S | 4≈37 | 3 X 56 | 27 X 43 | 21 Y 20 | 20812 | 5≈29 | 4 + 43 | 28 ¥ 28 | 22Υ07 | 21804 | 6≈21 | 5 X 30 | 29 X 14 | 22 Y 54 | 21855 |
| 46S 47S | 4≈56 5≈15 | 4 ¥ 11 4 ¥ 26 | 27 X 44 27 X 46 | 21 \(\psi 08 \) 20 \(\psi 55 \) | 19 8 55 | 5≈47 6≈06 | 4 X 58 5 X 12 | 28 ¥ 29 28 ¥ 30 | 21 \gamma 55 21 \gamma 42 | 20846 | 6≈39 6≈57 | 5 X 44 5 X 58 | 29 X 14 29 X 15 | 22 \ \ 41 \ 22 \ \ 28 | 21838 21820 |
| 47S 48S | 5≈13 5≈34 | 4 X 20 4 X 41 | 27 X 40 | 20 Y 33 20 Y 43 | 19819 | 6≈25 | 5 X 12 | 28 X 31 | 21 Y 42 21 Y 29 | 20829 | 7≈16 | 6 X 13 | 29 X 15 | 22 Y 28 22 Y 15 | 21801 |
| 49S | 5≈54 | 4 ¥ 57 | 27 X 49 | 20 Y 30 | 19801 | 6≈45 | 5 X 42 | 28 ¥ 32 | 21 Y 15 | 19851 | 7≈36 | 6 X 28 | 29 X 16 | 22 Y 01 | 20842 |
| 50S | 6≈15 | 5 ¥ 13 | 27 X 50 | 20 ℃ 17 | 18842 | 7≈05 | 5 X 58 | 28 X 33 | 21 Y 02 | 19832 | 7≈56 | 6 X 43 | 29 X 16 | 21 Y 47 | 20822 |
| 51S | 6≈37 | 5 × 29 | 27 X 52 | 20 Y 03 | 18822 | 7≈27 | 6 × 14 | 28 × 34 | 20°Y48 | 19812 | 8≈17 | 6 × 58 | 29 X 17 | 21 Y 32 | 20802 |
| 52S | 6≈59 | 5 X 46 | 27 X 53 | 19Ƴ50 | 18802 | 7≈49 | 6 ¥ 30 | 28 X 35 | 20Ƴ34 | 18851 | 8≈38 | 7 ∺ 14 | 29 X 17 | 21 Y 18 | 19841 |
| 53S | 7≈22 | 6 × 03 | 27 X 55 | 19 Y 36 | 17840 | 8≈11 0 25 | 6¥46 | 28 ¥ 36 | 20Υ19 | 18830 | 9≈01 | 7 X 30 | 29 X 18 | 21 Y 03 | 19819 |
| 54S | 7≈45 | 6 ¥ 20 | 27 X 57 | 19℃21 | 17819 | 8≈35 | 7 X 03 | 28 X 38 | 20℃04 | 18808 | 9≈24 | 7 X 46 | 29 X 19 | 20℃47 | 18857 |
| 55S | 8≈10 | 6¥38 | 27 X 58 | 19 ° 07 | 16856 | 8≈59 0 24 | 7¥21 | 28 ¥ 39 | 19 ° 49 | 17845 | 9≈48 | 8 X 03 | 29 × 19 | 20Υ31 | 18834 |
| 56S 57S | 8≈36 9≈02 | 6 ¥ 57 7 ¥ 16 | 28 ¥ 00 28 ¥ 02 | 18 Υ 52 18 Υ 36 | 16 8 32 16 8 08 | 9≈24 9≈51 | 7 X 38 | 28 ¥ 40 28 ¥ 41 | 19Ƴ34 19Ƴ18 | 17821 16856 | 10≈13 10≈39 | 8 X 20 8 X 38 | 29 \(\pm\) 20 29 \(\pm\) 20 | 20 ° 15 19 ° 59 | 18 8 09 17 8 44 |
| 58S | 9≈02 9≈30 | 7 X 16 | 28 H 02 28 H 04 | 18 \gamma 20 | 15842 | 9≈31 10≈18 | 8 X 15 | 28 X 41 | 19\cdot 18 | 16830 | 10≈39 | 8 X 56 | 29 X 20 29 X 21 | 19 \ \cdot 39 | 17818 |
| 59S | 9≈59 | 7 X 55 | 28 × 06 | 18 Y 04 | 15816 | 10≈18 | 8 X 35 | 28 X 44 | 18 ° 44 | 16803 | 11≈34 | 9 X 15 | 29 X 22 | 19 Y 24 | 16850 |
| 60S | 10≈30 | 8 X 15 | 28 X 07 | 17Ƴ47 | 14848 | 11≈16 | 8¥55 | 28 X 45 | 18 Y 27 | 15835 | 12≈03 | 9 X 34 | 29 X 22 | 19 Ƴ 06 | 16822 |
| 61S | 11≈01 | 8 X 36 | 28 × 09 | 17 Y 30 | 14819 | 11≈48 | 9×15 | 28 X 46 | 18Y09 | 15806 | 12≈34 | 9 X 54 | 29 X 23 | 18 Υ 48 | 15852 |
| 62S | 11≈34 | 8 X 58 | 28 X 11 | 17Υ12 | 13849 | 12≈20 | 9 ₩ 36 | 28 X 47 | 17Υ50 | 14835 | 13≈06 | 10 X 14 | 29 X 23 | 18Ƴ29 | 15821 |
| | 11.0.51 | | 201/14 | 16 ℃ 54 | 13817 | 12≈55 | 9 X 58 | 28 X 49 | 17Ƴ31 | 14803 | 13≈40 | 10 ¥ 36 | 29 X 24 | 18Ƴ09 | 14848 |
| 63S | 12≈09 | 9 X 21 | 28 X 14 | | | 10 | 10 | | | | | | | | . 11011 |
| 64S | 12≈09 12≈46 | 9 X 44 | 28 ¥ 16 | 16Ƴ35 | 12844 | 13≈31 | 10 ₩ 21 | 28 X 50 | 17℃12 | 13829 | 14≈16 | 10 X 57 | 29 X 25 | 17Ƴ48 | |
| 64S 65S | 12≈09 12≈46 13≈24 | 9 × 44 10 × 08 | 28 X 16 28 X 18 | 16 Y 35 16 Y 15 | 12844 12809 | 14≈09 | 10 | 28 X 52 | 16 Y 51 | 12853 | 14≈53 | 11 X 20 | 29 X 26 | 17Ƴ27 | 13838 |
| 64S | 12≈09 12≈46 | 9 X 44 | 28 ¥ 16 | 16Ƴ35 | 12844 | | | | | | | | | | 14814 13838 12859 12837 |

| | Sid.Tir MC: | ne: 18h0 | | RMC: 2 | 70°00' | Sid.Tir MC: | ne: 18h(0ප5 | | RMC: 2 | 271°00' | Sid.Tir MC: | ne: 18h0 | 08m A 0'06 | RMC: 2 | 272°00' |
|------------|----------------------------------|--|----------------|---------------------------------------|----------------------------------|----------------------------------|--|------------------|----------------------------------|---|----------------|--|------------------|--|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 27중54 | 27≈49 | 0 Υ 00 | 2810 | 2П05 | 28중52 | 28≈51 | 1 ℃ 05 | 3813 | 3п02 | 29궁49 | 29≈54 | 2Υ10 | 4815 | 3П59 |
| 1S | 28중05 | 28≈00 | 0Υ00 | 1859 | 1П54 | 29중02 | 29≈03 | 1Υ04 | 3801 | 2П51 | 0≈00 | 0 X 05 | 2Υ09 | 4803 | 3П48 |
| 2S | 28316 | 28≈12 | 0Υ00 | 1847 | 1 Д 43 | 29중13 | 29≈14 | 1 Υ 04 | 2849 | 2П41 | 0 ≈ 10 | 0 X 16 | 2Υ08 | 3850 | 3 Д 37 |
| 3S 4S | 28 궁 26 28 궁 37 | 28≈23 28≈35 | 0°00 0°00 | 1836 1824 | 1 II 33 1 II 22 | 29 궁 23 29 궁 34 | 29≈25 29≈36 | 1 Υ 03 1 Υ 03 | 2837 2826 | 2 II 30 2 II 19 | 0≈21 0≈31 | 0 ¥ 27 0 ¥ 37 | 2°707 2°706 | 3838 3826 | 3П27 3П16 |
| 5S | 28348 | 28≈46 | 0Υ00 | 1813 | 1111 | 29845 | 29≈47 | 1 Υ 03 | 2814 | 2п08 | 0≈42 | 0 X 48 | 2Υ06 | 3815 | 3П05 |
| 6S | 28 공 58 | 28≈57 | 0Υ00 0Υ00 | 1802 | 1Д11 | 29 8 43 29 8 55 | 29≈47 29≈58 | 1 Υ 03 1 Υ 02 | 2802 | 1 Д 57 | 0≈42 | 0 X 48 | 2Υ06 2Υ05 | 3803 | 2П54 |
| 7S | 29중09 | 29≈08 | 0Υ00 | 0851 | 0П50 | 0≈06 | 0 ¥ 08 | 1Υ02 | 1851 | 1 Д 47 | 1≈03 | 1 X 09 | 2Υ04 | 2851 | 2П43 |
| 8S | 29중20 | 29≈19 | 0Υ00 | 0840 | 0П39 | 0≈16 | 0 | 1 Y 01 | 1840 | 1Д36 | 1≈13 | 1 X 19 | 2Y03 | 2840 | 2П32 |
| 9S | 29중30 | 29≈30 | 0Υ00 | 0829 | 0П29 | 0≈27 | 0 X 30 | 1 Υ 01 | 1829 | 1П25 | 1≈24 | 1 X 29 | 2Υ°02 | 2828 | 2П22 |
| 10S | 29궁41 | 29≈41 | 0Υ00 | 0818 | 0П18 | 0≈38 | 0 ¥ 40 | 1Υ00 | 1817 | 1П14 | 1≈34 | 1 X 40 | 2Υ01 | 2816 | 2П11 |
| 118 | 29중52 | 29≈52 | 0Υ00 0Υ00 | 0807 | 0П07 | 0≈48 | 0 X 51 | 1 Υ 00 | 1806 | 1 1 04 | 1≈45 | 1 X 50 | 2Υ00 | 2805 | 2Д00 |
| 12S 13S | 0≈03 0≈13 | 0 X 03 0 X 13 | 0Υ·00 0Υ·00 | 29 \gamma 56 29 \gamma 46 | 29 8 56 29 8 46 | 0≈59 1≈10 | 1 X 01 1 X 12 | 0℃59 0℃59 | 0855 0844 | 0П53 0П42 | 1≈55 2≈06 | 2 ¥ 00 2 ¥ 10 | 1Υ59 1Υ58 | 1854 1842 | 1П49 1П38 |
| 14S | 0≈24 | 0 × 24 | 0Υ00 | 29 Y 35 | 29835 | 1≈20 | 1 X 22 | 0Υ59 | 0833 | 0Д31 | 2≈17 | 2 × 20 | 1Υ58 | 1831 | 1 Д 27 |
| 15S | 0≈35 | 0 X 35 | 0Υ00 | 29Ƴ24 | 29824 | 1≈31 | 1 X 32 | 0Υ58 | 0822 | 0П20 | 2≈27 | 2 X 30 | 1 Υ 57 | 1820 | 1П16 |
| 16S | 0≈46 | 0 × 45 | 0Υ00 | 29 ° 14 | 29813 | 1≈42 | 1 X 43 | 0Υ58 | 0811 | 0П09 | 2≈38 | 2 × 40 | 1Υ56 | 1808 | 11104 |
| 17S | 0≈57 | 0 ¥ 56 | 0Υ00 | 29Ƴ03 | 29802 | 1≈53 | 1 X 53 | 0Υ57 | 0800 | 29858 | 2≈49 | 2 X 50 | 1Ƴ55 | 0 8 57 | 0П53 |
| 18S | 1≈08 | 1 X 07 | 0Υ00 | 28 Y 52 | 28851 | 2≈04 | 2 X 04 | 0Υ57 | 29°49 | 29846 | 3≈00 | 3 ¥ 00 | 1 Υ 54 | 0846 | 0П42 |
| 19S | 1≈19 | 1 X 17 | 0Υ00 | 28 ℃ 42 | 28840 | 2≈15 | 2 X 14 | 0Υ56 | 29Ƴ38 | 29835 | 3≈11 | 3 X 10 | 1Υ53 | 0834 | 0П30 |
| 20S | 1≈31 | 1 × 28 | 0000 | 28Y31 | 28828 | 2≈26 2≈38 | 2 X 24 | 0Υ56 | 29Υ27 | 29824 | 3≈22 | 3 × 21 | 1Υ52 | 0823 | 0П19 |
| 21S 22S | 1≈42 1≈54 | 1 X 39 1 X 49 | 0°00 0°00 | 28 \(\chi 20 \) 28 \(\chi 10 \) | 28 8 17 28 8 05 | 2≈38 2≈49 | 2 ¥ 35 2 ¥ 45 | 0Υ56 0Υ55 | 29 Y 16 29 Y 05 | 29 8 12 29 8 01 | 3≈33 3≈44 | 3 X 31 3 X 41 | 1Υ52 1Υ51 | 0812 0800 | 0П07 29 8 56 |
| 23S | 2≈05 | 2 X 00 | 0Υ00 | 27Υ59 | 27854 | 3≈00 | 2 X 55 | 0Υ55 | 28\gamma54 | 28849 | 3≈56 | 3 X 51 | 1Υ50 | 29°Y49 | 29844 |
| 24S | 2≈17 | 2 ¥ 11 | 0Υ00 | 27Ƴ48 | 27842 | 3≈12 | 3 ¥ 06 | 0Υ54 | 28Ƴ43 | 28837 | 4≈07 | 4 ∺ 01 | 1Ƴ49 | 29 Ƴ 38 | 29832 |
| 25S | 2≈29 | 2 X 22 | 0Υ00 | 27Ƴ37 | 27830 | 3≈24 | 3 ¥ 16 | 0Υ54 | 28Ƴ32 | 28825 | 4≈19 | 4 X 11 | 1Ƴ48 | 29Ƴ26 | 29820 |
| 26S | 2≈41 | 2 X 33 | 0Υ00 | 27Ƴ26 | 27818 | 3≈36 | 3 ¥ 27 | 0Υ53 | 28 Y 21 | 28813 | 4≈30 | 4 ¥ 21 | 1 ℃ 47 | 29 Ƴ 15 | 29808 |
| 27S | 2≈53 | 2 X 43 | 0Υ00 | 27Υ16 | 27806 | 3≈48 | 3 X 37 | 0Υ53 | 28 Y 09 | 28801 | 4≈42 | 4 X 31 | 1 Υ 47 | 29Υ03 | 28855 |
| 28S 29S | 3≈05 3≈18 | 2 X 54 3 X 05 | 0°00 0°00 | 27\cdot\05 26\cdot\54 | 26 8 54 26 8 41 | 4≈00 4≈12 | 3 X 48 3 X 59 | 0 ℃ 53 0 ℃ 52 | 27 Υ 58 27 Υ 47 | 27848 27836 | 4≈54 5≈07 | 4 X 42 4 X 52 | 1 ° 46 1 ° 45 | 28 \gamma 52 28 \gamma 40 | 28843 28830 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 3≈31 3≈43 | 3 × 17 3 × 28 | 0°00 0°00 | 26Ƴ42 26Ƴ31 | 26 8 29 26 8 16 | 4≈25 4≈37 | 4 ¥ 09 4 ¥ 20 | 0 ℃ 52 0 ℃ 51 | 27 Y 35 27 Y 24 | 27823 27810 | 5≈19 5≈32 | 5 X 02 5 X 13 | 1 ° 44 1 ° 43 | 28 Y 28 28 Y 16 | 28 8 17 28 8 04 |
| 32S | 3≈56 | 3 X 39 | 0Υ00 | 26Υ20 | 26803 | 4≈50 | 4 X 31 | 0Υ51 | 27Υ12 27Υ12 | 26856 | 5≈44 | 5 X 23 | 1 γ 43 1 γ 42 | 28 Y 04 | 27850 |
| 33S | 4≈10 | 3 X 50 | 0Υ00 | 26Ƴ09 | 25849 | 5≈04 | 4 ¥ 42 | 0 Υ 51 | 27Ƴ00 | 26843 | 5≈57 | 5 X 34 | 1 ℃ 42 | 27 Υ 52 | 27837 |
| 34S | 4≈23 | 4 ¥ 02 | 0Υ00 | 25 ℃ 57 | 25836 | 5≈17 | 4 ¥ 53 | 0Υ50 | 26Ƴ49 | 26829 | 6≈11 | 5 X 45 | 1Υ41 | 27 Ƴ 40 | 27823 |
| 35S | 4≈37 | 4 | 0Υ00 | 25Ƴ46 | 25822 | 5≈31 | 5 X 05 | 0Ƴ50 | 26Ƴ37 | 26815 | 6≈24 | 5 X 56 | 1 ℃ 40 | 27Ƴ28 | 27809 |
| 36S | 4≈51 | 4 ¥ 25 | 0Υ00 | 25 ° 34 | 25808 | 5≈44 | 5 X 16 | 0Υ49 | 26Y25 | 26801 | 6≈38 | 6 × 07 | 1Υ39 | 27°15 | 26854 |
| 37S 38S | 5≈05 5≈20 | 4 X 37 4 X 49 | 0°00 0°00 | 25 \cdot 22 25 \cdot 10 | 24 8 54 24 8 39 | 5≈59 6≈13 | 5 X 27 5 X 39 | 0Ƴ49 0Ƴ48 | 26 Y 12 26 Y 00 | 25 8 47 25 8 32 | 6≈52 7≈06 | 6 X 18 | 1 ℃ 38 1 ℃ 37 | 27 \(\cdot 03 \) 26 \(\cdot 50 \) | 26 8 40 26 8 25 |
| 39S | 5≈35 | 5 × 01 | 0Υ00 | 24 Y 58 | 24824 | 6≈28 | 5 X 51 | 0Υ48 | 25 ° 48 | 25817 | 7≈21 | 6 × 40 | 1Υ36 | 26 Y 37 | 26810 |
| 40S | 5≈50 | 5 X 13 | 0Υ00 | 24Ƴ46 | 24809 | 6≈43 | 6 X 03 | 0Ƴ47 | 25Ƴ35 | 25801 | 7≈35 | 6 X 52 | 1 Y 35 | 26Y24 | 25854 |
| 41S | 6≈06 | 5 × 26 | 0Υ00 | 24Y33 | 23853 | 6≈58 | 6 X 15 | 0Υ47 | 25 Y 22 | 24846 | 7≈51 | 7 × 03 | 1Υ34 | 26Υ11 | 25838 |
| 42S | 6≈22 | 5 X 38 | 0Υ00 | 24Ƴ21 | 23837 | 7≈14 | 6 ∺ 27 | 0Ƴ47 | 25Ƴ09 | 24829 | 8≈06 | 7 ∺ 15 | 1Ƴ34 | 25 Ƴ 57 | 25822 |
| 43S | 6≈38 | 5 X 51 | 0Υ00 | 24Y08 | 23821 | 7≈30 | 6¥39 | 0Υ46 | 24Y56 | 24813 | 8≈22 | 7 X 27 | 1Υ33 | 25Υ44 | 25805 |
| 44S | 6≈55 | 6 X 04 | 0Υ00 | 23 Y 55 | 23804 | 7≈47 | 6 X 52 | 0Υ46 | 24 Y 42 | 23856 | 8≈39 | 7 X 39 | 1Υ32 | 25Υ30 | 24848 |
| 45S 46S | 7≈12 7≈30 | 6¥18 6¥31 | 0°00 0°00 | 23 \(\gamma 41 \) 23 \(\gamma 28 \) | 22847 22829 | 8≈04 8≈21 | 7 X 05 7 X 18 | 0Ƴ45 0Ƴ45 | 24 \cdot 29 24 \cdot 15 | 23 8 38 23 8 23 8 20 | 8≈55 9≈13 | 7 X 52 8 X 04 | 1Υ31 1Υ30 | 25 \mathbb{\gamma}16 25 \mathbb{\gamma}01 | 24830 24812 |
| 46S 47S | 7≈30 7≈48 | 6 X 45 | 0Υ00 0Υ00 | 23 Y 28 23 Y 14 | 22829 | 8≈39 | 7 X 18 | 0°γ′45 0°γ44 | 24 \cdot 13 | 23802 | 9≈13 | 8 X 04 | 1 Υ 30 1 Υ 29 | 25 \ \forall \ 01 \ 24 \cdot 47 | 23853 |
| 48S | 8≈07 | 6 X 59 | 0Υ00 | 23 Y 00 | 21852 | 8≈58 | 7 X 45 | 0Υ44 | 23°Y46 | 22843 | 9≈49 | 8 X 30 | 1Υ28 | 24 Y 32 | 23834 |
| 49S | 8≈26 | 7 X 13 | 0Υ00 | 22Ƴ46 | 21833 | 9≈17 | 7 ∺ 58 | 0Ƴ43 | 23Ƴ31 | 22823 | 10≈08 | 8 ¥ 44 | 1 ℃27 | 24♈17 | 23814 |
| 50S | 8≈46 | 7 ∺ 27 | 0 Υ 00 | 22 Ƴ 32 | 21813 | 9≈37 | 8 X 12 | 0Ƴ43 | 23 Y 16 | 22803 | 10≈27 | 8 X 57 | 1 Y 26 | 24 Y 01 | 22854 |
| 51S | 9≈07 | 7 × 42 | 0Υ00 | 22 Υ 17 | 20852 | 9≈57 | 8 X 27 | 0Υ42 | 23Υ01 | 21842 | 10≈47 | 9×11 | 1Υ25 | 23 Y 45 | 22832 |
| 52S | 9≈28 | 7 X 58 | 0000 | 22 ° 01 21 ° 46 | 20831 20809 | 10≈18 | 8 X 41 | 0Υ42 | 22 \ \ 45 22 \ \ 29 | 21821 | 11≈08 | 9 X 25 9 X 40 | 1 ° 24 1 ° 23 | 23 \cdot 29 23 \cdot 13 | 22811 21848 |
| 53S 54S | 9≈50 10≈13 | 8 X 13 8 X 29 | 0°00 0°00 | 21 \gamma 46 \\ 21 \gamma 30 | 19846 | 10≈40 11≈02 | 8 X 56 9 X 12 | 0Ƴ41 0Ƴ40 | 22°7'29 22°7'13 | 20858 20835 | 11≈29 11≈51 | 9 X 40 | 1 γ 23 1 γ 21 | 23 \ \(\) 13 \ 22 \ \(\) 56 | 21848 |
| 55S | 10≈13 | 8 X 45 | 0Υ00 | 21 Y 14 | 19822 | 11≈26 | 9 X 28 | 0Υ40 | 21 Y 56 | 20811 | 12≈14 | 10 X 10 | 1Υ20 | 22 Y 38 | 21800 |
| 56S | 10≈37 11≈01 | 9 × 02 | 0Υ00 0Υ00 | 21 Y 14 20 Y 57 | 18858 | 11≈20 | 9 X 28 | 0Υ40 0Υ39 | 21 Y 30 21 Y 39 | 19846 | 12≈14 | 10 X 10 | 1 Υ 20 1 Υ 19 | 22 Y 38 | 20835 |
| 57S | 11≈27 | 9 ¥ 19 | 0Υ00 | 20Ƴ40 | 18832 | 12≈15 | 10 ₩ 00 | 0Υ39 | 21Ƴ21 | 19820 | 13≈03 | 10 ¥ 41 | 1 Υ 18 | 22 Y 02 | 20808 |
| 58S | 11≈53 | 9 ★ 37 | 0Υ00 | 20℃22 | 18806 | 12≈41 | 10 X 17 | 0Υ38 | 21Υ03 | 18853 | 13≈29 | 10 ¥ 58 | 1Υ17 | 21 Υ 44 | 19841 |
| 59S | 12≈21 | 9 ¥ 55 | 0Υ00 | 20℃04 | 17838 | 13≈09 | 10 ¥ 35 | 0Υ37 | 20Ƴ44 | 18825 | 13≈56 | 11 X 15 | 1 Y 15 | 21 ℃24 | 19812 |
| 60S | 12≈50 | 10 × 13 | 0Υ00 | 19Ƴ46 | 17809 | 13≈37 | 10 ¥ 53 | 0Υ37 | 20℃25 | 17856 | 14≈24 | 11 ¥ 32 | 1Υ14 | 21 Y 04 | 18843 |
| 61S 62S | 13≈21 13≈52 | 10 ¥ 33 10 ¥ 52 | 0°00 0°00 | 19 Ƴ 26 19 Ƴ 07 | 16 8 38 | 14≈07 14≈38 | 11 X 11 11 X 30 | 0Ƴ36 0Ƴ36 | 20 ° 05 19 ° 45 | 17825 16853 | 14≈53 15≈24 | 11 X 50 12 X 09 | 1Υ13 1Υ12 | 20 \gamma 44 20 \gamma 23 | 18 8 11 17 8 39 |
| 63S | 13≈32 14≈26 | 10 X 32 | 0Υ·00 0Υ·00 | 19°407 | 15833 | 14≈38 15≈11 | 11 X 50 | 0Υ36 0Υ35 | 19°7°45 | 16819 | 15≈24 | 12 X 09 | 1Υ12 1Υ10 | 20 \ \ 23 \ 20 \ \ 01 | 17804 |
| 64S | 15≈00 | 11 X 34 | 0Υ00 | 18 Y 25 | 14859 | 15≈45 | 12 X 11 | 0Υ34 | 19 Y 02 | 15843 | 16≈30 | 12 X 47 | 1Υ09 | 19 Y 38 | 16828 |
| 65S | 15≈37 | 11 X 56 | 0Υ00 | 18Ƴ03 | 14822 | 16≈21 | 12 X 32 | 0Υ33 | 18Ƴ39 | 15806 | 17≈06 | 13 ¥ 08 | 1 ⋎ 07 | 19 Y 15 | 15850 |
| 66S | 16≈16 | 12 X 19 | 0Υ00 | 17℃41 | 13843 | 17≈00 | 12 X 54 | 0Υ33 | 18 Y 16 | 14827 | 17≈43 | 13 ¥ 29 | 1Υ06 | 18 Y 51 | 15810 |
| рc | 16≈39 | 12 ¥ 32 | 0Υ00 | 17Ƴ27 | 13820 | 17≈22 | 13 ¥ 06 | 0Υ32 | 18Ƴ02 | 14804 | 18≈05 | 13 ¥ 41 | 1℃05 | 18 Ƴ 37 | 14847 |
| C 1 1 | | based on t | 1 | 1: 4: C | 1.1 | 2000 | 2026121 | 1 . 1 | () (() | 221200 | | | | | |

| | Sid.Tin MC: | ne: 18h1 2ප4 | | RMC: 2 | 73°00' | Sid.Tin 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 |
| os | 0≈47 | 0 X 57 | 3Υ16 | 5 8 17 | 4П56 | 1≈45 | 2 X 00 | 4 Υ 21 | 6819 | 5Д53 | 2≈43 | 3 × 03 | 5 Υ 26 | 7821 | 6 I I50 |
| 1S | 0≈57 | 1 X 07 | 3 ⋎ 14 | 5804 | 4 I I45 | 1≈55 | 2 X 10 | 4 Ƴ 19 | 6806 | 5 1 42 | 2≈53 | 3 X 13 | 5℃24 | 7 8 07 | 6Ц39 |
| 2S | 1≈08 | 1 X 18 | 3Υ13 | 4852 | 4II34 | 2≈05 | 2 X 20 | 4Υ17 | 5853 | 5Д31 | 3≈03 | 3 X 23 | 5Υ21 | 6854 | 6П28 |
| 3S 4S | 1≈18 1≈29 | 1 X 28 1 X 39 | 3Υ11 3Υ10 | 4840 4827 | 4 II 23 4 II 12 | 2≈16 2≈26 | 2 ¥ 30 2 ¥ 40 | 4Υ15 4Υ13 | 5841 5828 | 5П20 5П09 | 3≈13 3≈24 | 3 X 33 3 X 42 | 5 ° 19 5 ° 17 | 6841 6828 | 6П16 6П05 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 1≈39 1≈49 | 1 X 49 1 X 59 | 3℃09 3℃07 | 4815 4803 | 4 II 02 3 II 51 | 2≈36 2≈47 | 2 \(\frac{1}{2}\) \(50\) | 4Υ11 4Υ10 | 5815 5803 | 4Ц58 4Ц47 | 3≈34 3≈44 | 3 X 52 4 X 01 | 5 ° 14 5 ° 12 | 6816 6803 | 5П54 5П43 |
| 7S | 2≈00 | 2 X 09 | 3Υ06 | 3851 | 3 II 40 | 2≈57 | 3 X 10 | 4Υ08 | 4851 | 4 I I36 | 3≈54 | 4 X 11 | 5Υ10 | 5 8 50 | 5 Д 32 |
| 8S | 2≈10 | 2 X 19 | 3℃04 | 3839 | 3П29 | 3≈07 | 3 ∺ 20 | 4Υ06 | 4839 | 4П25 | 4≈04 | 4 ∺ 20 | 5 ⋎ 08 | 5838 | 5Д21 |
| 9S | 2≈20 | 2 X 29 | 3 ⋎ 03 | 3827 | 3П18 | 3≈17 | 3 ¥ 29 | 4Υ04 | 4826 | 4II 14 | 4≈15 | 4 ¥ 30 | 5 Y 05 | 5825 | 5П10 |
| 10S | 2≈31 | 2 X 39 | 3 ⋎ 02 | 3 8 15 | 3п07 | 3≈28 | 3 X 39 | 4 ⋎ 02 | 4814 | 4II 03 | 4≈25 | 4 ∺ 39 | 5 Y 03 | 5813 | 4П59 |
| 118 | 2≈41 | 2 X 49 | 3Υ00 20050 | 3804 | 2Д56 | 3≈38 | 3 X 49 | 4Υ01 | 4802 | 3 Д 52 | 4≈35 | 4 X 48 | 5Υ01 | 5801 | 4 II 48 |
| 12S 13S | 2≈52 3≈02 | 2 X 59 3 X 09 | 2°759 2°758 | 2852 2840 | 2 II 45 2 II 34 | 3≈48 3≈59 | 3 X 58 4 X 08 | 3 ℃ 59 3 ℃ 57 | 3850 3838 | 3 II 41 3 II 30 | 4≈45 4≈56 | 4 × 57 5 × 06 | 4Ƴ59 4Ƴ57 | 4848 4836 | 4Π37 4Π25 |
| 14S | 3≈13 | 3 X 19 | 2Υ57 | 2829 | 2П23 | 4≈09 | 4 X 17 | 3Υ56 | 3826 | 3Д18 | 5≈06 | 5 X 15 | 4Υ55 | 4824 | 4Π14 |
| 15S | 3≈23 | 3 ¥ 28 | 2Y55 | 2817 | 2П11 | 4≈20 | 4 ¥ 26 | 3 ℃ 54 | 3814 | 3п07 | 5≈16 | 5 ¥ 25 | 4Υ52 | 4812 | 4II03 |
| 16S | 3≈34 | 3 X 38 | 2Υ54 | 2805 | 2П00 | 4≈30 | 4 X 36 | 3Υ52 | 3803 | 2Д56 | 5≈27 | 5 X 34 | 4Υ50 | 4800 | 3Д51 |
| 17S | 3≈45 | 3 ¥ 48 | 2Y53 | 1854 | 1П49 | 4≈41 | 4 ¥ 45 | 3 ⋎ 50 | 2851 | 2П44 | 5≈37 | 5 X 43 | 4 Υ 48 | 3847 | 3П40 |
| 18S | 3≈56 | 3 X 57 | 2Υ51 | 1842 | 1 Д 37 | 4≈52 | 4 X 55 | 3 ° 49 | 2839 | 2Д33 | 5≈48 | 5 X 52 | 4Υ46 | 3835 | 3 Д 28 |
| 19S | 4≈07 | 4 X 07 | 2Υ50 | 1831 | 1 11 26 | 5≈02 | 5 X 04 | 3 ° 47 | 2827 | 2Д21 | 5≈58 | 6¥01 | 4°744 | 3823 | 3П16 |
| 20S | 4≈17 | 4 X 17 | 2Υ49 | 1819 | 1 П 14 | 5≈13 | 5 X 13 | 3Υ45 | 2815 | 2П09 | 6≈09 6×20 | 6 × 10 | 4Υ42 | 3811 | 3П04 |
| 21S 22S | 4≈29 4≈40 | 4 × 27 4 × 36 | 2Ƴ48 2Ƴ46 | 1807 0856 | 1 II 03 0 II 51 | 5≈24 5≈35 | 5 \times 23 5 \times 32 | 3 ° 44 3 ° 42 | 2803 1851 | 1 II 58 1 II 46 | 6≈20 6≈31 | 6 X 19 6 X 28 | 4Υ40 4Υ38 | 2859 2846 | 2Д53 2Д41 |
| 23S | 4≈51 | 4 X 46 | 2Υ45 | 0844 | 0П39 | 5≈46 | 5 X 41 | 3Υ40 | 1839 | 1 Д 34 | 6≈42 | 6 X 37 | 4Υ36 | 2834 | 2П28 |
| 24S | 5≈02 | 4 ¥ 56 | 2Ƴ44 | 0832 | 0П27 | 5≈58 | 5 ¥ 51 | 3℃39 | 1827 | 1 Д 21 | 6≈53 | 6 ¥ 46 | 4 Ƴ 34 | 2822 | 2П16 |
| 25S | 5≈14 | 5 ¥ 06 | 2 Y 43 | 0821 | 0п14 | 6≈09 | 6 ∺ 00 | 3Ƴ37 | 1815 | 1Д09 | 7≈04 | 6 ¥ 55 | 4 Υ 31 | 2809 | 2П04 |
| 26S | 5≈25 | 5 X 15 | 2Υ41 | 0809 | 0п02 | 6≈20 | 6 X 10 | 3Υ35 | 1803 | 0Д57 | 7≈15 | 7 × 04 | 4Υ29 | 1857 | 1П51 |
| 27S 28S | 5≈37 5≈49 | 5 X 25 5 X 35 | 2°40 2°39 | 29 Y 57 29 Y 45 | 29850 29837 | 6≈32 6≈44 | 6 X 19 6 X 29 | 3 \gamma 34 3 \gamma 32 | 0851 0838 | 0П44 0П31 | 7≈27 7≈39 | 7 X 14 7 X 23 | 4℃27 4℃25 | 1844 1832 | 1Д38 1Д25 |
| 29S | 5≈49 6≈01 | 5 X 45 | 2 Υ 39 2 Υ 38 | 29 Y 33 | 29824 | 6≈56 | 6 X 39 | 3 Υ 32 3 Υ 30 | 0838 | 0Д31 | 7≈39 7≈50 | 7 X 23 | 4 γ 23 4 γ 23 | 1832 | 1 Д 23 |
| 30S | 6≈13 | 5 X 55 | 2Υ36 | 29 ° 21 | 29811 | 7 ≈ 08 | 6 X 48 | 3 Y 29 | 0813 | 0П05 | 8≈02 | 7 ∺ 41 | 4Υ21 | 1806 | 0П59 |
| 31S | 6≈26 | 6 X 05 | 2Υ35 | 29Y09 | 28858 | 7≈00 7≈20 | 6 X 58 | 3Υ27 | 0801 | 29852 | 8≈14 | 7 X 5 1 | 4Υ19 | 0853 | 0П45 |
| 32S | 6≈38 | 6 ¥ 16 | 2 Y 34 | 28Ƴ56 | 28844 | 7≈33 | 7 ∺ 08 | 3 ℃ 25 | 29Ƴ48 | 29838 | 8≈27 | 8 X 00 | 4 Ƴ 17 | 0840 | 0П32 |
| 33S | 6≈51 | 6 X 26 | 2Υ33 | 28 Υ 44 | 28830 | 7≈45 | 7 × 18 | 3 Y 24 | 29Υ36 | 29824 | 8≈39 | 8 X 10 | 4Υ15 | 0827 | 0П18 |
| 34S | 7≈04 | 6 ₩ 36 | 2 Y 31 | 28Ƴ31 | 28816 | 7≈58 | 7 | 3 ℃ 22 | 29 Y 23 | 29810 | 8≈52 | 8 ¥ 20 | 4 Ƴ 12 | 0814 | 0П03 |
| 35S | 7≈18 | 6 X 47 | 2 Y 30 2 Y 29 | 28 ° 19 28 ° 06 | 28802 | 8≈11 | 7 X 38 | 3 \cdot 20 3 \cdot 18 | 29 ° 10 28 ° 56 | 28856 | 9≈05 | 8 X 29 | 4Υ10 | 0801 29Ƴ47 | 29849 29834 |
| 36S 37S | 7≈31 7≈45 | 6 ¥ 57 7 ¥ 08 | 2 Y 29 2 Y 27 | 28 Y 06 27 Y 53 | 27848 27833 | 8≈25 8≈38 | 7 X 48 7 X 59 | 3Υ18 3Υ17 | 28 Y 43 | 28 8 41 28 8 26 | 9≈18 9≈32 | 8 X 39 8 X 49 | 4Υ08 4Υ06 | 29 Y 47 29 Y 33 | 29819 |
| 38S | 7≈59 | 7 X 19 | 2Υ26 | | 27818 | | 8 X 09 | | 28Y30 | 28811 | 9≈45 | 8 X 59 | 4Υ04 | | 29803 |
| 39S | 8≈13 | 7 ∺ 30 | 2℃25 | 27Ƴ27 | 27802 | 9≈06 | 8 ¥ 20 | 3 ⋎ 13 | 28 Y 16 | 27855 | 9≈59 | 9 X 09 | 4 Ƴ 01 | 29Ƴ06 | 28848 |
| 40S | 8≈28 | 7 X 41 | 2 Y 23 | 27Ƴ13 | 26847 | 9≈21 | 8 X 30 | 3 Ƴ 11 | 28 Y 02 | 27839 | 10≈14 | 9 ∺ 20 | 3 ⋎ 59 | 28 Y 51 | 28832 |
| 41S | 8≈43 | 7 ¥ 52 | 2Υ22 | 26 Y 59 | 26830 | 9≈36 | 8 X 41 | 3Υ09 | 27Υ48 | 27823 | 10≈28 | 9 X 30 | 3Υ57 | 28 Ƴ 37 | 28815 |
| 42S 43S | 8≈59 9≈14 | 8 X 04 8 X 15 | 2°21 2°19 | 26 ° 46 26 ° 32 | 26 8 14 25 8 57 | 9≈51 10≈06 | 8 X 52 9 X 03 | 3 ℃ 08 3 ℃ 06 | 27Ƴ34 27Ƴ20 | 27 8 06 26 8 49 | 10≈43 10≈59 | 9 X 41 9 X 51 | 3Υ55 3Υ52 | 28 \cdot 22 28 \cdot 07 | 27858 27841 |
| 43S 44S | 9≈14 9≈31 | 8 X 13 | 2Υ19 2Υ18 | 26 Y 17 | 25839 | 10≈06 | 9 X 03 | 3Υ06 3Υ04 | 27Υ20 27Υ05 | 26831 | 10≈39 | 10 × 02 | 3Υ52 3Υ50 | 27 Y 52 | 27823 |
| 45S | 9≈47 | 8 X 39 | 2 Y 16 | 26Ƴ03 | 25822 | 10≈39 | 9 X 26 | 3 ⋎ 02 | 26Y50 | 26813 | 11≈30 | 10 X 14 | 3 Ƴ 48 | 27 Ƴ 37 | 27805 |
| 46S | 10≈04 | 8 X 51 | 2Υ15 | 25Ƴ48 | 25803 | 10≈56 | 9 X 38 | 3Υ00 | 26Y35 | 25854 | 11≈47 | 10 X 25 | 3Υ45 | 27Ƴ21 | 26846 |
| 47S | 10≈22 | 9 ¥ 04 | 2Υ13 | 25 ℃ 33 | 24844 | 11≈13 | 9 ∺ 50 | 2Υ58 | 26Υ19 | 25835 | 12≈04 | 10 ¥ 36 | 3Υ43 | 27Υ05 | 26826 |
| 48S | 10≈40 10≈58 | 9 X 16 | 2°12 | 25 Y 18 | 24825 | 11≈31 | 10 × 02 | 2°56 | 26°°03 | 25816 | 12≈22 12≈40 | 10 X 48 | 3Υ40 3Υ38 | 26°Y49 | 26807 |
| 49S | 10≈58 | 9 X 29 | 2Υ10 | 25°°02 | 24805 | 11≈49 | 10 X 14 | 2Υ54 | 25°47 | 24855 | 12≈40 | 11 X 00 | 3Υ38 | 26 Y 33 | 25846 |
| 50S 51S | 11≈17 11≈37 | 9 X 42 9 X 56 | 2°709 2°707 | 24 \cdot 46 24 \cdot 30 | 23 8 44 23 8 22 | 12≈08 12≈27 | 10 ¥ 27 10 ¥ 40 | 2 Y 52 2 Y 50 | 25 \gamma 31 25 \gamma 14 | 24834 24813 | 12≈58 13≈17 | 11 X 12 11 X 24 | 3 ℃ 35 3 ℃ 32 | 26 \cdot 16 25 \cdot 58 | 25825 25803 |
| 52S | 11≈57 11≈58 | 10 X 09 | 2Υ07 2Υ06 | 24 Y 13 | 23822 | 12≈27 12≈47 | 10 X 40 | 2 Υ 30 2 Υ 48 | 24 Y 57 | 23850 | 13≈17 13≈37 | 11 X 24 | 3 Υ 32 3 Υ 30 | 25 Υ 41 | 24840 |
| 53S | 12≈19 | 10 ¥ 23 | 2 Y 04 | 23 ℃ 56 | 22837 | 13≈08 | 11 ¥ 07 | 2 Y 46 | 24Ƴ39 | 23827 | 13≈58 | 11 X 50 | 3℃27 | 25Ƴ23 | 24816 |
| 54S | 12≈40 | 10 ¥ 38 | 2 Y 02 | 23Ƴ39 | 22814 | 13≈30 | 11 ¥ 20 | 2 ℃ 43 | 24 Y 21 | 23803 | 14≈19 | 12 ¥ 03 | 3℃24 | 25 ℃ 04 | 23852 |
| 55S | 13≈03 | 10 ¥ 52 | 2Υ01 | 23 ℃ 21 | 21849 | 13≈52 | 11 X 35 | 2 ℃ 41 | 24℃03 | 22838 | 14≈41 | 12 X 17 | 3Υ21 | 24 Y 45 | 23827 |
| 56S | 13≈27 | 11 X 07 | 1Υ59 | 23 Y 02 | 21823 | 14≈15 | 11 X 49 | 2Υ39 | 23 Y 44 | 22812 | 15≈04 15≈27 | 12 × 31 | 3Υ19 | 24Y26 | 23800 |
| 57S 58S | 13≈51 14≈17 | 11 X 23 11 X 39 | 1 ℃ 57 1 ℃ 55 | 22 \ \ 43 22 \ \ 24 | 20 8 57 20 8 29 | 14≈39 15≈04 | 12 ¥ 04 12 ¥ 19 | 2 ° 36 2 ° 34 | 23 \cdot 25 23 \cdot 05 | 21845 21817 | 15≈27 15≈52 | 12 ¥ 45 13 ¥ 00 | 3Υ16 3Υ13 | 24 \cdot 06 23 \cdot 45 | 22833 22804 |
| 59S | 14≈43 | 11 X 55 | 1 γ 53 | 22 Y 04 | 20800 | 15≈30 | 12 X 35 | 2Υ31 | 22°744 | 20847 | 15≈32 16≈18 | 13 × 15 | 3Υ09 | 23 Y 24 | 21835 |
| 60S | 15≈11 | 12 X 12 | 1Υ52 | 21 ℃ 44 | 19829 | 15≈58 | 12¥51 | 2Ƴ29 | 22 Y 23 | 20816 | 16≈44 | 13 ¥ 30 | 3 Y 06 | 23 Y 02 | 21803 |
| 61S | 15≈40 | 12 X 29 | 1Υ50 | 21 Y 23 | 18858 | 16≈26 | 13 × 08 | 2Υ26 | 22Y01 | 19844 | 17≈12 | 13 X 46 | 3Υ03 | 22 Y 40 | 20831 |
| 62S | 16≈10 | 12 X 47 | 1Υ48 | 21Υ01 | 18825 | 16≈56 | 13 ¥ 25 | 2Υ24 | 21Υ39 | 19811 | 17≈42 | 14 × 03 | 3Υ00 | 22Υ17 | 19857 |
| 63S | 16≈42 | 13 ¥ 05 | 1Υ46 | 20°Y 38 | 17850 | 17≈27 | 13 X 42 | 2Y21 | 21 Y 16 | 18835 | 18≈12 18≈14 | 14 × 20 | 2°756 | 21 Y 53 | 19821 |
| 64S | 17≈15 | 13 X 24 | 1 Υ 43 | 20°715 | 17813 | 18≈00 | 14 × 01 | 2Υ18 | 20°752 | 17858 | 18≈44 1018 | 14 × 38 | 2Υ53 | 21 Y 28 | 18843 |
| 65S 66S | 17≈50 18≈27 | 13 X 44 14 X 04 | 1 Y 41 1 Y 39 | 19 Υ 51 19 Υ 26 | 16 8 35 | 18≈34 19≈10 | 14 X 20 14 X 39 | 2Υ15 2Υ12 | 20°27 20°01 | 17819 16838 | 19≈18 19≈54 | 14 X 56 15 X 15 | 2°49 2°45 | 21 \(\psi 03 \) 20 \(\psi 36 \) | 18803 17821 |
| pc | 18≈48 | 14 × 16 | 1Υ39 1Υ38 | 19 Y 20 | 15830 | 19≈10 | 14 X 51 | 2Υ12 2Υ10 | 19 ° 46 | 16813 | 19≈34 20≈15 | 15 X 15 | 2Υ43 | 20 γ 30 20 γ 21 | 16857 |
| | | | he mean | | | | | | | | | | 5 | | 2007 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | ne: 18h2 5 ප 3 | | RMC: 2 | MC: 6중25'39 MC: 7중20'51 | | | | | | | | | | 278°00' |
|------------|----------------|--|--------------------------------|--|----------------------------------|----------------|--|--------------------------------|----------------------------------|----------------------------------|----------------|--|--------------------------------|--------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 3≈41 | 4 X 06 | 6Υ32 | 8822 | 7П46 | 4≈39 | 5 X 10 | 7 Y 37 | 9823 | 8п43 | 5≈38 | 6 X 13 | 8 Y 42 | 10824 | 9Д39 |
| 1S | 3≈51 | 4 ∺ 16 | 6Υ29 | 8809 | 7Д35 | 4≈49 | 5 X 19 | 7 Y 33 | 9810 | 8Д32 | 5≈48 | 6 ¥ 22 | 8 Y 38 | 10810 | 9П28 |
| 2S | 4≈01 | 4 X 26 | 6Υ26 | 7855 | 7П24 | 4≈59 | 5 ¥ 28 | 7Υ30 | 8856 | 8п20 | 5≈57 | 6¥31 | 8Υ34 | 9857 | 9п17 |
| 3S 4S | 4≈11 4≈21 | 4 X 35 4 X 44 | 6Υ23 6Υ20 | 7842 7829 | 7 II 13 7 II 02 | 5≈09 5≈19 | 5 X 37 5 X 46 | 7 Y 27 7 Y 23 | 8842 8829 | 8 II 09 7 II 58 | 6≈07 | 6 X 40 | 8Ƴ30 8Ƴ27 | 9843 9829 | 9П05 8П54 |
| | 4≈21 | | | | | | | | | | 6≈17 | | | | |
| 5S 6S | 4≈31 4≈41 | 4 ¥ 54 5 ¥ 03 | 6Ƴ17 6Ƴ15 | 7816 7803 | 6Д51 6Д39 | 5≈29 5≈39 | 5 X 55 6 X 04 | 7 Y 20 7 Y 17 | 8816 8802 | 7 II 47 7 II 36 | 6≈27 6≈37 | 6 X 57 7 X 06 | 8 Y 23 8 Y 19 | 9 8 15 9 8 02 | 8Д43 8Д32 |
| 7S | 4≈52 | 5 X 12 | 6Υ12 | 6850 | 6П28 | 5≈49 | 6 X 13 | 7Υ14 | 7 8 49 | 7 II 30 | 6≈47 | 7 X 14 | 8Υ16 | 8848 | 8П20 |
| 8S | 5≈02 | 5 X 21 | 6Υ09 | 6837 | 6П17 | 5≈59 | 6 X 22 | 7Υ11 | 7836 | 7П13 | 6≈57 | 7 ¥ 22 | 8Υ12 | 8835 | 8П09 |
| 9S | 5≈12 | 5 X 30 | 6 Y 06 | 6824 | 6П06 | 6≈09 | 6 ∺ 30 | 7 ⋎ 08 | 7823 | 7 I I02 | 7≈07 | 7 ∺ 31 | 8 Y 09 | 8822 | 7Д58 |
| 10S | 5≈22 | 5 X 39 | 6 Υ 04 | 6812 | 5П55 | 6≈19 | 6 ∺ 39 | 7 Υ 04 | 7810 | 6Д51 | 7≈16 | 7 X 39 | 8 ⋎ 05 | 8809 | 7П46 |
| 11S | 5≈32 | 5 X 48 | 6Υ01 | 5859 | 5П44 | 6≈29 | 6 X 47 | 7Υ01 | 6857 | 6П39 | 7≈26 | 7 X 47 | 8Υ02 | 7855 | 7П35 |
| 12S | 5≈42 5 52 | 5 X 56 | 5Υ59 | 5847 | 5Д32 | 6≈39 | 6 X 56 | 6Υ58 | 6844 | 6П28 | 7≈36 | 7 X 55 | 7Y58 | 7842 | 7Д23 |
| 13S 14S | 5≈52 6≈03 | 6 X 05 6 X 14 | 5 Y 56 5 Y 53 | 5834 5821 | 5 II 21 5 II 10 | 6≈49 6≈59 | 7 X 04 7 X 13 | 6Υ55 6Υ52 | 6832 6819 | 6 I 16 | 7≈46 7≈56 | 8 X 03 8 X 11 | 7°755 7°751 | 7829 7816 | 7П12 7П00 |
| | | | | | | | | 6Υ49 | | | | | | | |
| 15S 16S | 6≈13 6≈23 | 6 X 23 6 X 32 | 5 Υ 51 5 Υ 48 | 5 8 09 4 8 56 | 4 II 58 4 II 47 | 7≈09 7≈20 | 7 X 21 7 X 30 | 6Υ49 6Υ46 | 6 8 06 5 8 53 | 5 II 53 5 II 42 | 8≈06 8≈16 | 8 X 20 8 X 28 | 7Ƴ48 7Ƴ45 | 7803 6850 | 6П49 6П37 |
| 17S | 6≈33 | 6 × 40 | 5Υ46 | 4844 | 4II35 | 7≈30 | 7 X 38 | 6Υ44 | 5840 | 5H30 | 8≈26 | 8 X 36 | 7Υ41 | 6837 | 6П25 |
| 18S | 6≈44 | 6 ¥ 49 | 5Ƴ43 | 4831 | 4П23 | 7≈40 | 7 ¥ 46 | 6 Υ 41 | 5828 | 5П18 | 8≈37 | 8 X 44 | 7 Ƴ 38 | 6824 | 6П13 |
| 19S | 6≈54 | 6 ¥ 58 | 5 Ƴ 41 | 4819 | 4 I 11 | 7≈51 | 7 ¥ 55 | 6 Y 38 | 5815 | 5П06 | 8≈47 | 8 ¥ 52 | 7 Ƴ 34 | 6811 | 6П01 |
| 20S | 7≈05 | 7 ∺ 06 | 5 Ƴ 38 | 4806 | 4 I I00 | 8≈01 | 8 ¥ 03 | 6 Y 35 | 5802 | 4II54 | 8≈57 | 9 X 00 | 7 Ƴ 31 | 5 8 58 | 5П49 |
| 218 | 7≈16 | 7 X 15 | 5Υ36 | 3854 | 3П48 | 8≈12 8×22 | 8¥11 | 6Υ32 | 4849 | 4 II 42 | 9≈08 | 9 × 08 | 7Y28 | 5844 | 5Д37 |
| 22S 23S | 7≈26 7≈37 | 7 X 24 7 X 33 | 5 Y 33 5 Y 31 | 3841 3829 | 3 II 35 3 II 23 | 8≈22 8≈33 | 8 X 20 8 X 28 | 6Υ29 6Υ26 | 4836 4823 | 4 II 30 4 II 18 | 9≈18 9≈29 | 9 X 16 9 X 24 | 7Ƴ24 7Ƴ21 | 5 8 31 | 5П25 5П12 |
| 24S | 7≈37 7≈48 | 7 X 41 | 5Υ28 | 3816 | 3 II 11 | 8≈33 8≈44 | 8 X 37 | 6Υ23 | 4810 | 4H18 | 9≈39 | 9 X 32 | 7Υ18 | 5805 | 5Π00 |
| 25S | 7≈59 | 7 ∺ 50 | 5Υ26 | 3803 | 2Д58 | 8≈55 | 8 X 45 | 6Υ20 | 3857 | 3 Д 53 | 9≈50 | 9 X 40 | 7Υ14 | 4852 | 4П47 |
| 26S | 7≈39 8≈11 | 7 X 59 | 5Υ23 | 2851 | 2П38 | 9≈06 | 8 X 53 | 6Υ17 | 3844 | 3П40 | 10≈01 | 9 X 48 | 7Υ11 7Υ11 | 4838 | 4II34 |
| 27S | 8≈22 | 8 X 08 | 5 Υ 21 | 2838 | 2П33 | 9≈17 | 9 X 02 | 6Υ14 | 3831 | 3 Д 27 | 10≈12 | 9 X 56 | 7Υ08 | 4825 | 4 I I21 |
| 28S | 8≈33 | 8 X 17 | 5Υ18 | 2825 | 2П20 | 9≈28 | 9¥11 | 6Υ11 | 3818 | 3 Д 14 | 10≈23 | 10 × 04 | 7Υ04 | 4811 | 4П08 |
| 29S | 8≈45 | 8 ∺ 26 | 5 Υ 16 | 2812 | 2П06 | 9≈40 | 9 X 19 | 6Υ08 | 3805 | 3П00 | 10≈35 | 10 ¥ 13 | 7 ⋎ 01 | 3857 | 3П54 |
| 30S | 8≈57 | 8 X 35 | 5Υ13 | 1859 | 1П53 | 9≈52 | 9 X 28 | 6Υ06 | 2851 | 2П47 | 10≈46 | 10 × 21 | 6Υ58 | 3844 | 3П41 |
| 31S 32S | 9≈09 9≈21 | 8 X 44 8 X 53 | 5Υ11 5Υ08 | 1845 1832 | 1Д39 1Д25 | 10≈03 10≈15 | 9 X 36 9 X 45 | 6Υ03 6Υ00 | 2838 2824 | 2П33 2П19 | 10≈58 11≈10 | 10 ¥ 29 10 ¥ 38 | 6Υ54 6Υ51 | 3830 3816 | 3Д27 3Д13 |
| 33S | 9≈33 | 9 X 02 | 5Υ06 | 1819 | 1 Д 23 | 10≈13 | 9 X 43 | 5Υ57 | 2810 | 2п19 | 11≈10 | 10 X 38 | 6Υ48 | 3802 | 2Д58 |
| 34S | 9≈46 | 9 X 11 | 5Υ03 | 1805 | 0П57 | 10≈40 | 10 × 03 | 5Υ54 | 1856 | 1II50 | 11≈34 | 10 X 55 | 6Υ44 | 2847 | 2П44 |
| 35S | 9≈59 | 9 ∺ 21 | 5 Υ 00 | 0851 | 0П42 | 10≈53 | 10 X 12 | 5 Y 51 | 1842 | 1Д35 | 11≈46 | 11 X 03 | 6 Υ 41 | 2833 | 2П29 |
| 36S | 10≈12 | 9 X 30 | 4Υ58 | 0838 | 0П27 | 11≈05 | 10 ∺ 21 | 5Υ48 | 1828 | 1 Д 20 | 11≈59 | 11 X 12 | 6Y37 | 2818 | 2П13 |
| 37S | 10≈25 | 9 ¥ 40 | 4Υ55 | 0824 | 0П12 | 11≈19 | 10 ¥ 30 | 5 Υ 44 | 1814 | 1П05 | 12≈12 | 11 X 21 | 6 Ƴ 34 | 2804 | 1П58 |
| 38S 39S | 10≈39 | 9 X 49 9 X 59 | 4Υ53 | 0809 | | | 10 X 40 | 5Υ41 | | 0П49 | | 11 X 30 | 6Υ30 | 1849 | 1П42 |
| | 10≈52 | | 4Υ50 | 29 ℃ 55 | 29840 | 11≈45 | 10 X 49 | 5Υ38 | 0844 | 0П33 | 12≈39 | 11 X 39 | 6Υ27 | 1834 | 1П26 |
| 40S 41S | 11≈07 11≈21 | 10 X 09 10 X 19 | 4Ƴ47 4Ƴ44 | 29 Y 40 29 Y 26 | 29824 29807 | 11≈59 12≈14 | 10 ¥ 58 11 ¥ 08 | 5Υ35 5Υ32 | 0829 0814 | 0П17 0П00 | 12≈52 13≈06 | 11 X 48 11 X 57 | 6°¥23 6°¥19 | 1818 1803 | 1Д09 0Д52 |
| 42S | 11≈21 | 10 X 19 | 4Υ42 | 29 Y 20 | 28850 | 12≈14 12≈28 | 11 X 18 | 5Υ29 | 29 Y 59 | 29842 | 13≈00 | 12 X 06 | 6Υ16 | 0847 | 0П35 |
| 43S | 11≈51 | 10 X 40 | 4Υ39 | 28Y55 | 28833 | 12≈43 | 11 X 28 | 5Υ25 | 29Υ43 | 29825 | 13≈35 | 12 X 16 | 6Υ12 | 0831 | 0п17 |
| 44S | 12≈06 | 10 ∺ 50 | 4 Υ 36 | 28Ƴ40 | 28815 | 12≈58 | 11 ∺ 38 | 5 Y 22 | 29Ƴ27 | 29806 | 13≈50 | 12 ∺ 26 | 6Υ08 | 0815 | 29858 |
| 45S | 12≈22 | 11 X 01 | 4 Υ 33 | 28Ƴ24 | 27856 | 13≈14 | 11 ∺ 48 | 5Υ19 | 29Ƴ11 | 28848 | 14≈06 | 12 ∺ 35 | 6 ⋎ 04 | 29Ƴ58 | 29839 |
| 46S | 12≈39 | 11 X 12 | 4Υ30 | 28Y08 | 27837 | 13≈30 | 11 X 58 | 5Υ15 | 28Y54 | 28829 | 14≈22 | 12 × 45 | 6Υ01 | 29 ℃ 41 | 29820 |
| 47S 48S | 12≈55 13≈13 | 11 X 23 11 X 34 | 4Ƴ27 4Ƴ24 | 27 Υ 52 27 Υ 35 | 27 8 18 26 8 57 | 13≈47 14≈04 | 12 ¥ 09 12 ¥ 20 | 5Υ12 5Υ08 | 28 Y 38 28 Y 21 | 28 8 09 27 8 48 | 14≈38 14≈55 | 12 X 55 13 X 06 | 5 Y 57 5 Y 53 | 29 \cdot 24 29 \cdot 06 | 29800 28839 |
| 48S 49S | 13≈13 13≈30 | 11 X 34 | 4Ψ24 4Ψ21 | 27 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 26837 | 14≈04 14≈21 | 12 X 20 | 5Υ·08 | 28\gamma21 28\gamma03 | 27827 | 14≈55 15≈12 | 13 X 06 | 5Υ33 5Υ49 | 29 Y 06 28 Y 48 | 28818 |
| 50S | 13≈49 | 11 X 57 | 4Υ18 | 27Υ00 | 26815 | 14≈39 | 12 X 42 | 5Υ01 | 27\dagger45 | 27805 | 15≈30 | 13 X 27 | 5Υ44 | 28 Y 30 | 27856 |
| 51S | 13≈49 | 12 X 09 | 4Υ15 | 26°Y43 | 25853 | 14≈58 | 12 X 42 | 4Υ58 | 27 Y 27 | 26843 | 15≈30 | 13 X 27 | 5Υ40 | 28 Y 11 | 27833 |
| 52S | 14≈27 | 12 X 21 | 4 Ƴ 12 | 26Y25 | 25830 | 15≈17 | 13 × 05 | 4Υ54 | 27Υ08 | 26820 | 16≈07 | 13 X 49 | 5Υ36 | 27 Y 52 | 27810 |
| 53S | 14≈47 | 12 × 34 | 4Υ09 | 26Υ06 | 25806 | 15≈37 | 13 X 17 | 4Υ50 | 26 Υ 49 | 25856 | 16≈26 | 14 × 00 | 5Υ32 | 27Υ33 | 26845 |
| 54S | 15≈08 | 12 ¥ 46 | 4 ℃ 05 | 25Ƴ47 | 24841 | 15≈57 | 13 ¥ 29 | 4Υ46 | 26Ƴ30 | 25831 | 16≈46 | 14 ¥ 12 | 5 ℃ 27 | 27 Ƴ 12 | 26820 |
| 55S | 15≈30 | 12 X 59 | 4Υ02 | 25 ℃ 27 | 24816 | 16≈18 | 13 X 42 | 4Υ42 | 26Y10 | 25805 | 17≈07 | 14 ¥ 24 | 5Υ23 | 26 Y 52 | 25854 |
| 56S 57S | 15≈52 16≈15 | 13 ¥ 13 13 ¥ 26 | 3 ℃ 58 3 ℃ 55 | 25 ° 07 24 ° 47 | 23 8 49 23 8 21 | 16≈41 17≈03 | 13 ¥ 55 14 ¥ 08 | 4Υ38 4Υ34 | 25 Y 49 25 Y 28 | 24838 24809 | 17≈29 17≈52 | 14 X 36 14 X 49 | 5Υ18 5Υ13 | 26 \gamma 31 \\ 26 \gamma 09 | 25 8 26 24 8 58 |
| 58S | 16≈13 16≈40 | 13 X 26 | 3Ψ53 3Ψ51 | 24°47 24°726 | 22852 | 17≈03 17≈27 | 14 X 08 | 4Υ34 4Υ30 | 25Υ·28 25Υ·06 | 23840 | 17≈32 18≈15 | 14 X 49 | 5Υ13 5Υ08 | 25°Y 47 | 24828 |
| 59S | 17≈05 | 13 X 55 | 3Υ47 | 24 Y 04 | 22822 | 17≈52 17≈52 | 14 X 35 | 4Υ25 | 24°744 | 23809 | 18≈39 | 15 × 15 | 5Υ03 | 25 \ \ 25 \ \ 24 | 23857 |
| 60S | 17≈31 | 14 X 10 | 3Ƴ44 | 23 ℃ 42 | 21850 | 18≈18 | 14 X 49 | 4 Υ 21 | 24 Y 21 | 22837 | 19≈05 | 15 X 29 | 4Υ58 | 25 Y 00 | 23824 |
| 61S | 17≈59 | 14 X 25 | 3Υ40 | 23 Y 19 | 21817 | 18≈45 | 15 × 04 | 4Υ16 | 23 Y 57 | 22804 | 19≈31 | 15 × 43 | 4Υ53 | 24Y36 | 22851 |
| 62S | 18≈27 | 14 X 41 | 3Υ36 | 22 ℃ 55 | 20843 | 19≈13 | 15 X 19 | 4Υ12 | 23 ℃ 33 | 21829 | 19≈59 | 15 X 57 | 4Υ48 | 24Υ11 | 22815 |
| 63S | 18≈58 10≈20 | 14 X 57 | 3Υ31 | 22 Y 30 | 20806 | 19≈43 | 15 ¥ 35 | 4Υ07 | 23°°07 | 20852 | 20≈28 20≈50 | 16 × 12 | 4Υ42 | 23 Y 45 | 21837 |
| 64S | 19≈29 | 15 X 14 | 3 Y 27 | 22 Y 05 | 19828 | 20≈14 | 15 X 51 | 4Υ02 | 22°41 | 20813 | 20≈59 | 16 X 28 | 4Υ36 | 23Υ18 | 20858 |
| 65S | 20≈02 20≈27 | 15 × 32 | 3Υ23 | 21 Y 38 | 18848 | 20≈47 | 16 × 25 | 3Υ57 | 22Υ14 21 W 46 | 19832 | 21≈31 22≈04 | 16 × 44 | 4Υ31 | 22 Y 50 | 20817 |
| 66S pc | 20≈37 20≈58 | 15 ¥ 50 16 ¥ 00 | 3Υ18 3Υ16 | 21 Y 11 20 Y 55 | 18 8 05 17 8 40 | 21≈21 21≈41 | 16 ¥ 25 16 ¥ 35 | 3Υ51 3Υ48 | 21 \gamma 46 21 \gamma 30 | 18 8 49 | 22≈04 22≈24 | 17 ¥ 00 17 ¥ 10 | 4°24 4°21 | 22 \cdot 21 22 \cdot 04 | 19833 19807 |
| Calcula | | | | | | | | | | | 122~27 | 1, 110 | 1141 | 22 1 07 | 17007 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | ne: 18h3 8 궁 1 | | RMC: 2 | 79°00' | MC: 9511'22 MC: 10506'43 | | | | | | | | | |
|--------------|----------------|--|--------------------------------|-------------------------------|----------------------------------|-----------------------------|--|--------------------------------|--|----------------------------------|-------------------------|---|--------------------------------|---|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 3 11 12 Asc 2 3 11 12 Asc 2 | | | | | | | | | |
| os | 6≈36 | 7 ∺ 17 | 9Ƴ47 | 11825 | 10П35 | 7≈35 | 8¥21 | 10℃52 | 12826 | 11 Д 32 | 8≈34 | 9 X 25 | 11 Y 57 | 13827 | 12П28 |
| 1S | 6≈46 | 7 ∺ 26 | 9Ƴ43 | 11811 | 10П24 | 7≈45 | 8 X 29 | 10Ƴ47 | 12812 | 11 II 20 | 8≈44 | 9 X 33 | 11 Y 52 | 13812 | 12П16 |
| 2S | 6≈56 | 7 X 34 | 9Υ38 | 10857 | 10 II 13 | 7≈54 | 8 X 37 | 10 ℃ 43 | 11857 | 11 Д 09 | 8≈53 | 9 X 41 | 11°47 | 12857 | 12 Д 05 |
| 3S 4S | 7≈06 7≈15 | 7 X 43 7 X 51 | 9 Y 34 9 Y 30 | 10843 10829 | 10II01 9II50 | 8≈04 8≈14 | 8 X 45 8 X 53 | 10Ƴ38 10Ƴ33 | 11843 11829 | 10 II 57 10 II 46 | 9≈03 9≈12 | 9 X 48 9 X 56 | 11 Y 41 11 Y 36 | 12 8 43 12 8 28 | 11 II 53 11 II 42 |
| 5S | 7≈25 | 7 X 59 | 9 Υ 26 | 10815 | 9П39 | 8≈23 | 9 X 01 | 10 Y 29 | 11814 | 10Д35 | 9≈22 | 10 ¥ 03 | 11Υ31 | 12814 | 11 Д 30 |
| 6S | 7≈23 7≈35 | 8 X 07 | 9Υ20 9Υ22 | 10801 | 9Д39 | 8≈23 | 9 X 01 | 10 \(\cdot 29 \) | 11800 | 10 Д 33 | 9≈22 | 10 X 03 | 11 Y 31 | 11859 | 11 Д 30 |
| 7S | 7≈45 | 8 X 15 | 9Υ18 | 9848 | 9П16 | 8≈43 | 9 X 17 | 10Y20 | 10846 | 10 Д 12 | 9≈41 | 10 X 18 | 11Υ21 | 11845 | 11П07 |
| 8S | 7≈54 | 8 X 23 | 9Υ14 | 9834 | 9П05 | 8≈52 | 9 ¥ 24 | 10 ℃ 15 | 10833 | 10П00 | 9≈50 | 10 ¥ 25 | 11 Y 16 | 11831 | 10П56 |
| 9S | 8≈04 | 8 X 31 | 9Υ10 | 9820 | 8П53 | 9≈02 | 9 X 32 | 10 ℃ 11 | 10819 | 9П49 | 10≈00 | 10 ¥ 33 | 11 ⋎ 12 | 11817 | 10П44 |
| 10S | 8≈14 | 8 X 39 | 9Υ06 | 9807 | 8П42 | 9≈12 | 9 X 39 | 10℃06 | 10805 | 9П37 | 10≈09 | 10 ¥ 40 | 11 Y 07 | 11803 | 10П33 |
| 118 | 8≈24 | 8 X 47 | 9Υ02 | 8853 | 8Д30 | 9≈21 | 9 X 47 | 10 Y 02 | 9851 | 9П26 | 10≈19 | 10 X 47 | 11Υ02 | 10849 | 10 Д 21 |
| 12S 13S | 8≈34 8≈43 | 8 X 55 9 X 03 | 8 Υ 58 8 Υ 54 | 8840 8827 | 8П19 8П07 | 9≈31 9≈41 | 9 X 54 10 X 02 | 9 Υ 58 9 Υ 53 | 9838 9824 | 9П14 9П03 | 10≈28 10≈38 | 10 X 54 11 X 01 | 10 ℃ 57 10 ℃ 52 | 10835 10821 | 10П10 9П58 |
| 14S | 8≈53 | 9 X 10 | 8Υ50 | 8813 | 7II 56 | 9≈50 | 10 × 09 | 9Υ49 | 9810 | 8П51 | 10≈48 | 11 X 08 | 10 Y 48 | 10807 | 9П46 |
| 15S | 9≈03 | 9 ∺ 18 | 8 Υ 46 | 8800 | 7П44 | 10≈00 | 10 X 17 | 9Υ45 | 8 8 57 | 8П39 | 10≈57 | 11 X 15 | 10Ƴ43 | 9853 | 9П34 |
| 16S | 9≈13 | 9 X 26 | 8Υ43 | 7847 | 7П32 | 10≈00 | 10 × 17 | 9 Υ 41 | 8843 | 8Д27 | 11≈07 | 11 X 22 | 10 Y 39 | 9839 | 9П22 |
| 17S | 9≈23 | 9 ₩ 33 | 8 Ƴ 39 | 7 8 33 | 7П20 | 10≈20 | 10 ∺ 31 | 9Ƴ36 | 8829 | 8П15 | 11≈17 | 11 X 29 | 10Ƴ34 | 9826 | 9П10 |
| 188 | 9≈33 | 9 X 41 | 8Υ35 | 7820 | 7П08 | 10≈30 | 10 × 39 | 9Υ32 | 8816 | 8Д03 | 11≈27 | 11 ¥ 36 | 10Υ29 | 9812 | 8Д58 |
| 198 | 9≈43 | 9 X 49 | 8 ⋎ 31 | 7806 | 6П56 | 10≈40 | 10 X 46 | 9₩28 | 8802 | 7II51 | 11≈36 | 11 * 43 | 10℃25 | 8858 | 8П46 |
| 20S 21S | 9≈53 10≈04 | 9 X 56 10 X 04 | 8 ° 27 8 ° 24 | 6853 6840 | 6П44 6П32 | 10≈50 11≈00 | 10 ¥ 53 11 ¥ 01 | 9 ° 24 9 ° 20 | 7848 7835 | 7Д39 7Д27 | 11≈46 11≈56 | 11 X 50 11 X 57 | 10℃20 10℃16 | 8844 8830 | 8П34 8П21 |
| 21S 22S | 10≈04 10≈14 | 10 X 04 10 X 12 | 8Υ24 8Υ20 | 6826 | 6П32 6П20 | 11≈00 | 11 X 01 | 9Υ20 9Υ16 | 7821 | 7 II 27 7 II 14 | 11≈36 | 11 X 37 12 X 04 | 10 Y 16 | 8 8 30 | 8Д21 |
| 23S | 10≈25 | 10 × 20 | 8Υ16 | 6813 | 6H07 | 11≈21 | 11 X 15 | 9Υ11 | 7807 | 7П02 | 12≈17 | 12 X 11 | 10Υ06 | 8802 | 7П56 |
| 24S | 10≈35 | 10 ¥ 27 | 8 Y 13 | 5 8 59 | 5П54 | 11≈31 | 11 ¥ 23 | 9Ƴ07 | 6 8 53 | 6Ц49 | 12≈27 | 12 ¥ 18 | 10 Y 02 | 7 8 47 | 7П43 |
| 25S | 10≈46 | 10 ¥ 35 | 8 Y 09 | 5 8 45 | 5П41 | 11≈41 | 11 X 30 | 9Ƴ03 | 6839 | 6Д36 | 12≈37 | 12 ¥ 25 | 9 Ƴ 57 | 7 8 33 | 7П30 |
| 26S | 10≈57 | 10 ¥ 43 | 8 Y 05 | 5832 | 5П28 | 11≈52 | 11 ¥ 38 | 8 Ƴ 59 | 6825 | 6Д23 | 12≈48 | 12 ¥ 32 | 9 ⋎ 53 | 7819 | 7 π 17 |
| 27S | 11≈07 | 10 × 51 | 8Υ01 | 5818 | 5II 15 | 12≈03 | 11 × 45 | 8Y55 | 6811 | 6П09 | 12≈58 | 12 × 39 | 9Υ48 | 7805 | 7П04 |
| 28S 29S | 11≈19 11≈30 | 10 ¥ 58 11 ¥ 06 | 7 Υ 58 7 Υ 54 | 5804 4850 | 5 II 02 4 II 48 | 12≈14 12≈25 | 11 ¥ 52 12 ¥ 00 | 8Ƴ51 8Ƴ46 | 5857 5843 | 5 II 56 5 II 42 | 13≈09 13≈20 | 12 X 47 12 X 54 | 9Ƴ44 9Ƴ39 | 6850 6836 | 6Д50 6Д36 |
| 30S | | | 7 Y 50 | 4836 | 4II35 | 12≈36 | 12 × 08 | 8 Υ 42 | 5 8 28 | | | 13 X 01 | 9Υ34 | 6821 | 6П22 |
| 31S | 11≈41 11≈53 | 11 X 14 11 X 22 | 7°46 | 4822 | 4H33 | 12≈36 12≈47 | 12 X 08 | 8Υ38 | 5814 | 5П28 5П14 | 13≈31 13≈42 | 13 × 01 | 9 Y 34 | 6806 | 6П08 |
| 32S | 12≈04 | 11 X 30 | 7 Υ 42 | 4808 | 4II06 | 12≈59 | 12 × 23 | 8Υ34 | 4859 | 5H00 | 13≈53 | 13 × 15 | 9Υ25 | 5851 | 5II53 |
| 33S | 12≈16 | 11 ¥ 38 | 7 Ƴ 39 | 3853 | 3П52 | 13≈10 | 12 × 31 | 8 Ƴ 30 | 4845 | 4 I I45 | 14≈05 | 13 ∺ 23 | 9 Υ 20 | 5 8 36 | 5П39 |
| 34S | 12≈28 | 11 X 46 | 7 Y 35 | 3839 | 3Д37 | 13≈22 | 12 ¥ 38 | 8 Y 25 | 4830 | 4П30 | 14≈17 | 13 ₩ 30 | 9℃16 | 5821 | 5П24 |
| 35S | 12≈40 | 11 X 55 | 7 Y 31 | 3824 | 3П22 | 13≈34 | 12 X 46 | 8 Y 21 | 4815 | 4П15 | 14≈28 | 13 ¥ 38 | 9Υ11 | 5805 | 5П08 |
| 36S 37S | 12≈53 13≈06 | 12 ¥ 03 12 ¥ 11 | 7 Y 27 7 Y 23 | 3809 2854 | 3 II 06 2 II 51 | 13≈47 13≈59 | 12 X 54 13 X 02 | 8 ⋎ 17 8 ⋎ 12 | 3859 3844 | 4 II 00 3 II 44 | 14≈41 14≈53 | 13 X 45 13 X 53 | 9°406 9°401 | 4850 4834 | 4П53 4П37 |
| 38S | | 12 X 11 | | 2838 | | 13≈39 14≈12 | | 8Υ08 | | | 15≈05 | l | 8Υ57 | | 4Π20 |
| 39S | 13≈32 | 12 X 29 | 7Υ15 | 2823 | 2П18 | 14≈25 | 13 X 18 | 8Υ03 | 3812 | 3Д11 | 15≈18 | 14 × 08 | 8Y52 | 4802 | 4II04 |
| 40S | 13≈45 | 12 X 37 | 7 Υ 11 | 2807 | 2п02 | 14≈38 | 13 ¥ 27 | 7 Υ 59 | 2856 | 2П54 | 15≈31 | 14 X 16 | 8 Ƴ 47 | 3845 | 3П47 |
| 41S | 13≈59 | 12 X 46 | 7 Υ 07 | 1851 | 1 Д 44 | 14≈52 | 13 ¥ 35 | 7 Υ 54 | 2840 | 2Д37 | 15≈45 | 14 ¥ 24 | 8 Y 42 | 3828 | 3П29 |
| 42S | 14≈13 | 12 X 55 | 7Υ03 | 1835 | 1 Д 27 | 15≈06 | 13 X 44 | 7 Υ 50 | 2823 | 2П19 | 15≈58 | 14 ¥ 32 | 8 Y 37 | 3811 | 3П11 |
| 43S | 14≈28 14≈42 | 13 X 04 13 X 13 | 6Υ59 | 1819 | 1П09 0П50 | 15≈20 | 13 X 52 14 X 01 | 7Ƴ45 7Ƴ40 | 2806 1849 | 2Д01 | 16≈12 16≈27 | 14 X 41 14 X 49 | 8 Y 32 8 Y 26 | 2854 | 2П53 2П34 |
| 448 | | | 6°754 | 1802 | | 15≈35 15 · · · 40 | | | | 1 1 1 4 2 | | | | 2837 | |
| 45S 46S | 14≈58 15≈13 | 13 ¥ 23 13 ¥ 32 | 6Ƴ50 6Ƴ46 | 0845 0828 | 0Д31 0Д11 | 15≈49 16≈05 | 14 X 10 14 X 19 | 7Ƴ36 7Ƴ31 | 1832 1814 | 1 II 23 1 II 03 | 16≈41 16≈56 | 14 X 57 15 X 06 | 8Ƴ21 8Ƴ16 | 2819 2801 | 2П14 1П54 |
| 47S | 15≈15 15≈29 | 13 × 42 | 6Υ41 | 0810 | 29851 | 16≈21 | 14 X 28 | 7Υ26 | 0856 | 0П42 | 17≈12 | 15 X 15 | 8Υ10 | 1842 | 1 Д 33 |
| 48S | 15≈46 | 13 ¥ 52 | 6 Ƴ 37 | 29⋎52 | 29830 | 16≈37 | 14 ¥ 38 | 7 Ƴ 21 | 0838 | 0П21 | 17≈28 | 15 ¥ 24 | 8 Y 05 | 1823 | 1П12 |
| 49S | 16≈03 | 14 ¥ 02 | 6 Ƴ 32 | 29Ƴ34 | 29809 | 16≈53 | 14 X 47 | 7 Υ 16 | 0819 | 29859 | 17≈44 | 15 ∺ 33 | 7 ⋎ 59 | 1804 | 0Д50 |
| 50S | 16≈20 | 14 X 12 | 6 ° 27 | 29 ℃ 15 | 28846 | 17≈11 | 14 X 57 | 7Υ11 | 29Υ59 | 29837 | 18≈01 | 15 ¥ 42 | 7 Υ 54 | 0844 | 0Д27 |
| 518 | 16≈38 16≈57 | 14 ¥ 22 | 6Υ23 | 28 \gamma 56 28 \gamma 36 | 28823 | 17≈28 | 15 ¥ 07 | 7Ƴ05 7Ƴ00 | 29 \(\cdot 40 \) 29 \(\cdot 20 \) | 29 8 14 28 8 49 | 18≈18 18≈36 | 15 X 51 16 X 01 | 7 Υ 48 7 Υ 42 | 0824 | 0П04 29 8 39 |
| 52S 53S | 16≈57 17≈16 | 14 X 33 | 6Υ18 6Υ13 | 28 Y 16 | 28 8 00 27 8 35 | 17≈46 18≈05 | 15 X 17 15 X 27 | 6Υ55 | 29\\dagger20 28\Cappa 59 | 28849 | 18≈36 18≈55 | 16 X 11 | 7\d2 | 0803 29 Ƴ 42 | 29839 |
| 54S | 17≈36 | 14 X 55 | 6Υ08 | 27 Y 55 | 27809 | 18≈25 | 15 X 38 | 6Υ49 | 28 Y 38 | 27859 | 19≈14 | 16 × 21 | 7Υ30 | 29Y21 | 28848 |
| 55S | 17≈56 | 15 X 07 | 6 Υ 03 | 27Ƴ34 | 26843 | 18≈45 | 15 X 49 | 6 Ƴ 43 | 28 Y 16 | 27832 | 19≈34 | 16 ¥ 31 | 7 Ƴ 24 | 28 Y 58 | 28821 |
| 56S | 18≈18 | 15 ¥ 18 | 5Υ58 | 27 Ƴ 12 | 26815 | 19≈06 | 16 × 00 | 6Ƴ37 | 27Ƴ54 | 27804 | 19≈55 | 16 × 42 | 7Υ17 | 28Ƴ36 | 27852 |
| 57S | 18≈40 | 15 ¥ 30 | 5 Υ 52 | 26℃50 | 25846 | 19≈28 | 16 | 6Υ32 | 27 Ƴ 31 | 26834 | 20≈16 | 16 € 53 | 7Υ11 | 28 Υ 12 | 27823 |
| 588 | 19≈03 | 15 × 43 | 5Υ47 | 26Y27 | 25816 | 19≈50 | 16 × 23 | 6Υ25 | 27Υ08 | 26804 | 20≈38 | 17 × 04 | 7Υ04 | 27 ° 48 | 26852 |
| 598 | 19≈27 | 15 X 55 | 5Υ41 | 26 ℃ 04 | 24844 | 20≈14 | 16 × 35 | 6Υ19 | 26 ℃ 44 | 25832 | 21≈01 | 17¥16 | 6Υ57 | 27Y23 | 26820 |
| 60S | 19≈52 | 16 ¥ 08 | 5Υ36 | 25 ° 39 | 24812 | 20≈38 | 16 X 48 | 6Υ13 | 26 Y 19 | 24859 | 21≈25 21≈250 | 17 × 27 | 6Υ50 | 26 Y 58 | 25846 |
| 61S 62S | 20≈18 20≈45 | 16 ¥ 22 16 ¥ 36 | 5 ° 30 5 ° 24 | 25 ° 14 24 ° 49 | 23837 23801 | 21≈04 21≈31 | 17 ¥ 01 17 ¥ 14 | 6°406 6°400 | 25 \ \cdot 53 \\ 25 \ \cdot 26 | 24824 23847 | 21≈50 22≈17 | 17 ¥ 39 17 ¥ 52 | 6°43 | 26 \gamma 32 26 \gamma 04 | 25 8 11 24 8 34 |
| 63S | 20≈43 21≈14 | 16 × 50 | 5Υ17 | 24 Y 22 | 22823 | 21≈51 21≈59 | 17 X 14 | 5Υ53 | 24\gamma59 | 23809 | 22≈44 | 18 × 05 | 6Υ28 | 25 Υ 36 | 23855 |
| 64S | 21≈43 | 17 X 05 | 5Υ11 | 23 ⋎ 54 | 21843 | 22≈28 | 17 X 41 | 5Υ46 | 24Υ31 | 22828 | 23≈13 | 18 | 6Υ20 | 25Υ07 | 23813 |
| 65S | 21.0.15 | | | | | | | i | 1 | | | I | I | i | |
| 039 | 22≈15 | 17 ∺ 20 | 5 ⋎ 04 | 23Ƴ26 | 21801 | 22≈59 | 17 ∺ 56 | 5 Ƴ 38 | 24Y01 | 21846 | 23≈43 | 18 ¥ 32 | 6Υ12 | 24Ƴ37 | 22830 |
| 66S | | | 5Υ04 4Υ58 4Υ54 | 23 Y 26 22 Y 56 22 Y 39 | 21801 20817 19851 | 22≈59 23≈31 23≈50 | 17 X 56 18 X 11 18 X 20 | 5Υ38 5Υ31 5Υ26 | 24\cdot\01 23\cdot\31 23\cdot\13 | 21846 21800 20834 | 23≈43 24≈15 24≈33 | 18 \ \cdot 32 18 \ \cdot 46 18 \ \cdot 55 | 6 ° 12 6 ° 04 5 ° 59 | 24 \cdot 37 24 \cdot 06 23 \cdot 48 | 22830 21844 21818 |

| | Sid.Tin MC: | | 48m A 302'07 | RMC: 2 | 82°00' | Sid.Tir MC: | | 52m A 57'34 | RMC: 2 | 283°00' | Sid.Tir MC: | | 56m A 53'06 | RMC: 2 | 284°00' |
|------------|------------------|--|----------------------------------|----------------------------------|----------------------|-----------------|--|----------------------------------|---|----------------------------------|----------------|--|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 9≈33 | 10 ∺ 29 | 13℃02 | 14827 | 13П24 | 10≈32 | 11 X 34 | 14Ƴ07 | 15827 | 14П19 | 11≈32 | 12 X 38 | 15Ƴ12 | 16827 | 15 I I15 |
| 1S | 9≈43 | 10 ¥ 37 | 12 Y 56 | 14812 | 13 Д 12 | 10≈42 | 11 X 41 | 14 Y 01 | 15812 | 14 I I08 | 11≈41 | 12 X 45 | 15℃05 | 16812 | 15 I I04 |
| 2S | 9≈52 | 10 X 44 | 12°751 | 13857 | 13 11 01 | 10≈51 | 11 X 48 | 13Υ55 | 14857 | 13 Д 56 | 11≈50 | 12 × 51 | 14°758 | 15856 | 14 П 52 |
| 3S 4S | 10≈02 10≈11 | 10 X 51 10 X 59 | 12 Y 45 12 Y 39 | 13842 13828 | 12 II 49 12 II 38 | 11≈01 11≈10 | 11 X 55 12 X 01 | 13 Y 48 13 Y 42 | 14842 14827 | 13 II 45 13 II 33 | 12≈00 12≈09 | 12 X 58 13 X 04 | 14 Y 52 14 Y 45 | 15 8 41 15 8 26 | 14П40 14П29 |
| 5S | 10≈11 | 11 X 06 | 12 Y 34 | 13813 | 12 Д 26 | 11≈19 | 12 × 08 | 13 Y 36 | 14812 | 13 Д 22 | 12≈18 | 13 X 11 | 14 Y 39 | 15811 | 14П17 |
| 6S | 10≈20 | 11 X 06 | 12 Y 34 12 Y 28 | 12858 | 12 II 26 12 II 15 | 11≈19 | 12 X 08 | 13 Y 30 | 13857 | 13 II 22 13 II 10 | 12≈18 | 13 X 17 | 14 Y 39 | 14856 | 14Д17 |
| 7S | 10≈39 | 11 X 20 | 12Y23 | 12844 | 12П03 | 11≈38 | 12 × 21 | 13 Y 25 | 13842 | 12 Д 59 | 12≈36 | 13 X 23 | 14Υ26 | 14841 | 13 Д 54 |
| 8S | 10≈49 | 11 ¥ 27 | 12 Y 18 | 12829 | 11Д51 | 11≈47 | 12 ¥ 28 | 13 ℃ 19 | 13828 | 12 Д 47 | 12≈45 | 13 X 29 | 14 Y 20 | 14826 | 13 Д 42 |
| 9S | 10≈58 | 11 X 34 | 12 ℃ 12 | 12815 | 11П40 | 11≈56 | 12 X 34 | 13 ℃ 13 | 13813 | 12 Д 35 | 12≈54 | 13 ¥ 35 | 14Ƴ14 | 14811 | 13П31 |
| 10S | 11≈07 | 11 ¥ 40 | 12℃07 | 12801 | 11 II 28 | 12≈05 | 12 X 41 | 13 ℃ 08 | 12859 | 12 Д 24 | 13≈04 | 13 ¥ 42 | 14℃08 | 13856 | 13П19 |
| 118 | 11≈17 | 11 × 47 | 12Υ02 | 11847 | 11 11 17 | 12≈15 | 12 X 47 | 13Υ02 | 12844 | 12 Д 12 | 13≈13 | 13 X 48 | 14°Y02 | 13841 | 13 Д 07 |
| 12S 13S | 11≈26 11≈36 | 11 X 54 12 X 01 | 11 Y 57 11 Y 52 | 11832 11818 | 11 II 05 10 II 53 | 12≈24 12≈33 | 12 X 54 13 X 00 | 12 Υ 56 12 Υ 51 | 12 8 30 12 8 15 | 12 II 00 11 II 48 | 13≈22 13≈31 | 13 X 54 14 X 00 | 13 \gamma 56 13 \gamma 50 | 13 8 27 13 8 12 | 12 Д 55 12 Д 43 |
| 14S | 11≈45 | 12 × 07 | 11 Y 47 | 11804 | 10Д33 | 12≈43 | 13 × 06 | 12 Y 45 | 12801 | 11 Д 36 | 13≈40 | 14 × 06 | 13 Y 44 | 12857 | 12 Д 31 |
| 15S | 11≈55 | 12 X 14 | 11 ° 41 | 10850 | 10П29 | 12≈52 | 13 X 13 | 12Ƴ40 | 11846 | 11 Д 24 | 13≈50 | 14 X 12 | 13 Ƴ 38 | 12843 | 12П19 |
| 16S | 12≈04 | 12 X 21 | 11Υ36 | 10836 | 10 Д 17 | 13≈01 | 13 × 19 | 12 Y 34 | 11832 | 11 Д 12 | 13≈59 | 14 X 18 | 13 Y 32 | 12828 | 12 Д 07 |
| 17S | 12≈14 | 12 X 27 | 11Ƴ31 | 10822 | 10 I I05 | 13≈11 | 13 ∺ 25 | 12Ƴ29 | 11817 | 111100 | 14≈08 | 14 ¥ 24 | 13Ƴ26 | 12813 | 11Д55 |
| 18S | 12≈23 | 12 × 34 | 11Υ26 | 10807 | 9П53 | 13≈20 | 13 ¥ 32 | 12Y23 | 11803 | 10 Д 48 | 14≈17 | 14 × 29 | 13 Y 20 | 11859 | 11 Д43 |
| 198 | 12≈33 | 12 X 41 | 11Υ21 | 9853 | 9П41 | 13≈30 | 13 X 38 | 12 ℃ 18 | 10849 | 10Д36 | 14≈27 | 14 ★ 35 | 13 Y 15 | 11844 | 11Д30 |
| 20S 21S | 12≈43 12≈53 | 12 X 47 12 X 54 | 11 ° 16 11 ° 11 | 9839 9825 | 9П28 9П16 | 13≈40 13≈49 | 13 X 44 13 X 50 | 12 Y 13 12 Y 07 | 10834 10820 | 10 Д 23 | 14≈36 14≈46 | 14 X 41 | 13 Y 09 13 Y 03 | 11829 | 11 II 18 11 II 05 |
| 21S 22S | 12≈53 13≈03 | 12 X 34 13 X 00 | 11\psi 11 | 9810 | 9Д16 | 13≈49 13≈59 | 13 X 50 | 12 % 07 12 % 02 | 10820 | 10П11 9П58 | 14≈46 14≈56 | 14 X 47 14 X 53 | 13 Y 03 12 Y 57 | 11814 10859 | 10 Д 52 |
| 23S | 13≈13 | 13 × 07 | 11 γ 02 | 8856 | 8II50 | 14≈09 | 14 × 03 | 11 Y 57 | 9850 | 9П45 | 15≈05 | 14 X 59 | 12 Y 52 | 10844 | 10Д32 |
| 24S | 13≈23 | 13 ¥ 14 | 10Ƴ57 | 8842 | 8П38 | 14≈19 | 14 X 09 | 11Ƴ51 | 9 8 36 | 9Д32 | 15≈15 | 15 ¥ 05 | 12 Y 46 | 10829 | 10П26 |
| 25S | 13≈33 | 13 ¥ 20 | 10 Υ 52 | 8827 | 8П24 | 14≈29 | 14 X 16 | 11Ƴ46 | 9821 | 9П19 | 15≈25 | 15 X 11 | 12 Y 40 | 10814 | 10П13 |
| 26S | 13≈43 | 13 ¥ 27 | 10Ƴ47 | 8812 | 8П11 | 14≈39 | 14 ¥ 22 | 11 ℃ 40 | 9806 | 9п05 | 15≈35 | 15 X 17 | 12 Y 34 | 9859 | 9П59 |
| 278 | 13≈54 | 13 X 34 | 10 ° 42 | 7858 | 7II 58 | 14≈49 | 14 × 28 | 11 Y 35 | 8851 | 8 II 52 | 15≈45 | 15 ¥ 23 | 12Y28 | 9844 | 9Д46 |
| 28S 29S | 14≈04 14≈15 | 13 X 41 13 X 47 | 10 Y 37 10 Y 32 | 7843 7828 | 7 II 44 7 II 30 | 15≈00 15≈10 | 14 X 35 14 X 41 | 11 Y 30 11 Y 24 | 8836 8821 | 8П38 8П24 | 15≈55 16≈06 | 15 ¥ 29 15 ¥ 35 | 12 ° 23 12 ° 17 | 9829 9813 | 9Д32 9Д18 |
| | | | 10 Y 32 | 7813 | | | | | 8805 | | | 15 X 41 | 12 Y 17 | 8 8 57 | 9П03 |
| 30S 31S | 14≈26 14≈37 | 13 X 54 14 X 01 | 10 \ 27 | 6858 | 7II 16 7II 02 | 15≈21 15≈32 | 14 X 48 14 X 54 | 11 Y 19 11 Y 13 | 7 8 50 | 8П10 7П55 | 16≈16 16≈27 | 15 X 41 | 12 Y 11 12 Y 05 | 8842 | 9Д03 |
| 32S | 14≈48 | 14 × 08 | 10Υ16 | 6843 | 6II47 | 15≈43 | 15 × 01 | 11Υ08 | 7 8 34 | 7II41 | 16≈38 | 15 X 53 | 11 Y 59 | 8826 | 8П34 |
| 33S | 14≈59 | 14 X 15 | 10Ƴ11 | 6827 | 6П32 | 15≈54 | 15 ¥ 07 | 11 ℃ 02 | 7819 | 7Д26 | 16≈49 | 16 X 00 | 11 Y 53 | 8810 | 8П19 |
| 34S | 15≈11 | 14 ¥ 22 | 10℃06 | 6812 | 6П17 | 16≈05 | 15 ¥ 14 | 10 ℃ 57 | 7803 | 7П10 | 17≈00 | 16 ¥ 06 | 11Ƴ47 | 7853 | 8П04 |
| 35S | 15≈23 | 14 × 29 | 10Υ01 | 5856 | 6П01 | 16≈17 | 15 × 21 | 10 Υ 51 | 6846 | 6Д55 | 17≈11 | 16 X 12 | 11Υ41 | 7837 | 7Д48 |
| 36S 37S | 15≈34 15≈47 | 14 ¥ 36 14 ¥ 44 | 9°756 9°751 | 5840 5824 | 5 II 46 5 II 30 | 16≈28 16≈40 | 15 \times 27 15 \times 34 | 10 Υ 46 10 Υ 40 | 6830 6814 | 6П39 6П23 | 17≈23 17≈34 | 16 X 19 16 X 25 | 11 \gamma 35 11 \gamma 29 | 7820 7804 | 7Д32 7Д15 |
| | | 14 X 44 | | 5807 | | 16≈53 | | | 5 8 57 | | | 16 X 23 | | 6847 | 6П59 |
| 39S | 16≈12 | 14 X 58 | 9Υ40 | 4851 | 4II56 | 17≈05 | 15 X 48 | 10℃28 | 5840 | 5П49 | 17≈58 | 16 × 38 | 11 ° 17 | 6829 | 6П42 |
| 40S | 16≈24 | 15 X 06 | 9Υ35 | 4834 | 4П39 | 17≈18 | 15 X 55 | 10℃22 | 5823 | 5Д32 | 18≈11 | 16 X 45 | 11 Y 10 | 6812 | 6П24 |
| 41S | 16≈38 | 15 ¥ 13 | 9Υ29 | 4817 | 4II21 | 17≈31 | 16 ¥ 02 | 10 ℃ 17 | 5 8 05 | 51114 | 18≈24 | 16 X 52 | 11 Y 04 | 5 8 54 | 6П06 |
| 42S | 16≈51 | 15 × 21 | 9Υ24 | 4800 | 4II 03 | 17≈44 | 16 × 10 | 10Y11 | 4848 | 4П55 | 18≈37 | 16 × 58 | 10°758 | 5836 | 5П48 |
| 43S 44S | 17≈05 17≈19 | 15 ¥ 29 15 ¥ 37 | 9 ° 18 9 ° 12 | 3842 3824 | 3 II 45 3 II 25 | 17≈57 18≈11 | 16 X 17 16 X 25 | 10 Υ 05 9 Υ 58 | 4830 4811 | 4Д37 4Д17 | 18≈50 19≈03 | 17 ¥ 05 17 ¥ 12 | 10Ƴ51 10Ƴ44 | 5 8 17 4 8 59 | 5П29 5П09 |
| | | | | | | | | 9Υ52 | | | | | | | |
| 45S 46S | 17≈33 17≈48 | 15 ¥ 45 15 ¥ 53 | 9Ƴ07 9Ƴ01 | 3806 2847 | 3 II 06 2 II 46 | 18≈25 18≈40 | 16 ¥ 32 16 ¥ 40 | 9Υ/32 9Υ46 | 3853 3834 | 3 II 57 3 II 37 | 19≈17 19≈32 | 17 ¥ 20 17 ¥ 27 | 10 Y 38 10 Y 31 | 4840 4820 | 4П49 4П28 |
| 47S | 18≈03 | 16 × 01 | 8Y55 | 2828 | 2П25 | 18≈55 | 16 × 48 | 9Υ40 | 3814 | 3П16 | 19≈46 | 17 × 34 | 10 Y 24 | 4800 | 4H07 |
| 48S | 18≈19 | 16¥10 | 8Υ49 | 2809 | 2п03 | 19≈10 | 16¥56 | 9Υ33 | 2854 | 2Д54 | 20≈01 | 17 × 42 | 10Υ17 | 3840 | 3П45 |
| 49S | 18≈35 | 16 ¥ 18 | 8 Ƴ 43 | 1849 | 1П41 | 19≈26 | 17 ₩ 04 | 9Ƴ26 | 2834 | 2П32 | 20≈17 | 17 ¥ 49 | 10 Y 10 | 3819 | 3П23 |
| 50S | 18≈52 | 16¥27 | 8Y37 | 1829 | 11118 | 19≈42 | 17 × 12 | 9℃20 | 2814 | 2П09 | 20≈33 | 17 ¥ 57 | 10 Y 03 | 2858 | 2П59 |
| 51S 52S | 19≈09 19≈26 | 16 ¥ 36 16 ¥ 45 | 8Ƴ30 8Ƴ24 | 1808 0847 | 0П54 0П30 | 19≈59 20≈16 | 17 ¥ 21 17 ¥ 29 | 9Ƴ13 9Ƴ06 | 1852 1831 | 1 П 44 1 П 20 | 20≈49 21≈06 | 18 ¥ 05 18 ¥ 13 | 9Ƴ55 9Ƴ48 | 2837 2815 | 2Д35 2Д10 |
| 53S | 19≈20 | 16 X 45 | 8Υ17 | 0826 | 0П04 | 20≈10 20≈34 | 17 X 29 | 8Υ59 | 1809 | 0Д54 | 21≈00 21≈24 | 18 X 22 | 9Υ40 | 1852 | 1 Д 44 |
| 54S | 20≈03 | 17 × 04 | 8Υ11 | 0803 | 29837 | 20≈53 | 17 X 47 | 8Υ52 | 0846 | 0п27 | 21≈42 | 18 X 30 | 9Υ33 | 1829 | 1п17 |
| 55S | 20≈23 | 17 ∺ 14 | 8 Y 04 | 29Ƴ41 | 29810 | 21≈12 | 17¥56 | 8Ƴ44 | 0823 | 29859 | 22≈01 | 18 X 39 | 9Ƴ25 | 1805 | 0П48 |
| 56S | 20≈43 | 17 X 24 | 7 Υ 57 | 29Ƴ17 | 28841 | 21≈32 | 18 ∺ 06 | 8 Ƴ 37 | 29Y59 | 29830 | 22≈20 | 18 ¥ 48 | 9Υ17 | 0841 | 0п19 |
| 57S | 21≈04 21···26 | 17 × 34 | 7°750 | 28 Y 53 | 28811 | 21≈52 22×14 | 18 X 16 | 8Υ29 | 29Υ34 | 29800 | 22≈40 22×01 | 18 X 57 | 9Υ08 | 0815 | 29848 |
| 58S 59S | 21≈26 21≈48 | 17 ¥ 45 17 ¥ 56 | 7Ƴ43 7Ƴ35 | 28 Y 29 28 Y 03 | 27840 27807 | 22≈14 22≈36 | 18 ¥ 26 18 ¥ 36 | 8 Y 21 8 Y 13 | 29 \(\cdot 09 \) 28 \(\cdot 43 \) | 28 8 28 27 8 55 | 23≈01 23≈23 | 19 ¥ 06 19 ¥ 16 | 9°700 8°751 | 29 \gamma 50 29 \gamma 23 | 29 8 16 28 8 43 |
| 60S | 22≈12 | 18 X 07 | 7 Y 28 | 27\gamma37 | 26833 | 22≈59 | 18 X 46 | 8Υ05 | 28 Y 16 | 27821 | 23≈46 | 19 X 26 | 8Υ42 | 28\psi 56 | 28808 |
| 61S | 22≈12 22≈37 | 18 X 07 | 7\dagger 28 | $\frac{2}{3}$ | 25857 | 22≈59 23≈23 | 18 X 46 18 X 57 | 8°1′05 7°756 | 28 \ \(\gamma \) 16 \\ 27 \ \gamma \) 49 | 26844 | 23≈46 24≈09 | 19 X 26 | 8 \ \ \ 42 | 28°7'56 28°7'27 | 28808 |
| 62S | 23≈02 | 18 × 30 | 7Υ12 | 26°Y42 | 25820 | 23≈48 | 19 × 08 | 7 Υ 48 | 27Υ20 | 26806 | 24≈34 | 19 X 47 | 8Υ23 | 27Υ58 | 26853 |
| 63S | 23≈29 | 18 ¥ 42 | 7Υ03 | 26Ƴ13 | 24840 | 24≈15 | 19 ∺ 20 | 7 Ƴ 39 | 26Y51 | 25826 | 25≈00 | 19 X 58 | 8 Y 14 | 27Ƴ28 | 26812 |
| 64S | 23≈58 | 18 ¥ 55 | 6Υ55 | 25Ƴ44 | 23859 | 24≈42 | 19 ¥ 32 | 7 Y 29 | 26 Y 20 | 24844 | 25≈27 | 20 X 09 | 8 ⋎ 04 | 26 Υ 57 | 25829 |
| 65S | 24≈27 | 19 ¥ 08 | 6Υ46 | 25 ℃ 13 | 23815 | 25≈11 | 19 X 44 | 7 Υ 20 | 25Ƴ48 | 24800 | 25≈56 | 20 ¥ 20 | 7 Υ 54 | 26℃24 | 24844 |
| 66S | 24≈58 25≈17 | 19 ¥ 22 | 6Υ37 | 24°°41 | 22828 | 25≈42 26≈000 | 19 X 57 | 7Υ10 | 25°T16 | 23813 | 26≈25 26≈23 | 20 ¥ 32 | 7°43 | 25 \gamma 51 | 23857 |
| pc | 25≈17 | 19 X 29 | 6Ƴ32 | 24 ℃ 22 | 22801 | 26≈00 | 20 X 04 | 7 Υ 04 | 24Ƴ57 | 22845 | 26≈43 | 20 X 39 | 7 Ƴ 37 | 25 ℃ 31 | 23829 |

| | 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 15පි | 08m A 40'08 | RMC: 2 | |
|------------|----------------|--|----------------------------------|----------------------------------|----------------------|----------------|--|-----------------------------------|----------------------------------|----------------------|----------------|--|----------------------------------|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 12≈32 | 13 × 43 | 16 Y 16 | 17827 | 16 I 11 | 13≈32 | 14 X 47 | 17 ° 21 | 18827 | 17П06 | 14≈32 | 15 X 52 | 18Ƴ25 | 19827 | 18п02 |
| 1S | 12≈41 | 13 X 49 | 16Ƴ09 | 17812 | 15 Д 59 | 13≈41 | 14 X 53 | 17 Ƴ 13 | 18811 | 16П55 | 14≈40 | 15 X 57 | 18Ƴ17 | 19810 | 17 I I50 |
| 2S | 12≈50 | 13 X 55 | 16Υ02 | 16856 | 15 11 48 | 13≈50 | 14 X 59 | 17 Υ 06 | 17855 | 16П43 | 14≈49 | 16 ¥ 03 | 18Υ09 | 18854 | 17Д39 |
| 3S | 12≈59 | 14 × 01 | 15°755 | 16840 | 15 11 36 | 13≈58 | 15 × 05 | 16°Y 58 | 17839 | 16Д31 | 14≈58 | 16 × 08 | 18Y01 | 18838 | 17П27 |
| 4S | 13≈08 | 14 ₩ 07 | 15Ƴ48 | 16825 | 15П24 | 14≈07 | 15 ¥ 10 | 16 Y 51 | 17824 | 16П20 | 15≈07 | 16 ¥ 13 | 17Ƴ53 | 18822 | 17П15 |
| 5S | 13≈17 | 14 X 13 | 15 Y 41 | 16809 | 15 🛘 13 | 14≈16 | 15 ¥ 16 | 16Υ44 | 17808 | 16П08 | 15≈16 | 16 X 19 | 17Ƴ46 | 18806 | 17П03 |
| 6S | 13≈26 | 14 × 19 | 15Υ35 | 15854 | 15 II 01 | 14≈25 | 15 X 21 | 16°736 | 16852 | 15 II 56 | 15≈24 | 16 × 24 | 17 ° 38 | 17851 | 16II52 |
| 7S 8S | 13≈35 13≈44 | 14 X 25 14 X 31 | 15 Y 28 15 Y 21 | 15 8 39 15 8 24 | 14 II 49 14 II 38 | 14≈34 14≈43 | 15 ¥ 27 15 ¥ 32 | 16Ƴ29 16Ƴ22 | 16 8 37 | 15 II 45 15 II 33 | 15≈33 15≈42 | 16 X 29 16 X 34 | 17 Y 31 17 Y 23 | 17 8 35 | 16II40 16II28 |
| 9S | 13≈53 | 14 X 37 | 15 Υ 21 15 Υ 15 | 15809 | 14Д36 | 14≈52 | 15 X 38 | 16 Y 15 | 16806 | 15 Д 21 | 15≈50 | 16 X 39 | 17 Y 16 | 17804 | 16 I I16 |
| 10S | 14≈02 | 14 X 42 | 15Ƴ08 | 14854 | 14 I 14 | 15≈00 | 15 X 43 | 16 Y 08 | 15851 | 15П09 | 15≈59 | 16 X 44 | 17Ƴ08 | 16848 | 161104 |
| 11S | 14≈11 | 14 X 48 | 15Υ02 | 14839 | 14П02 | 15≈09 | 15 × 48 | 16Υ01 | 15836 | 14 Д 57 | 16≈08 | 16 × 49 | 17 Y 01 | 16833 | 15 II 53 |
| 12S | 14≈20 | 14 X 54 | 14 Υ 55 | 14824 | 13 II 50 | 15≈18 | 15 X 54 | 15 ⋎ 55 | 15821 | 14 I I45 | 16≈17 | 16 X 54 | 16 ⋎ 54 | 16817 | 15 I I41 |
| 13S | 14≈29 | 14 X 59 | 14Ƴ49 | 14809 | 13 Д 38 | 15≈27 | 15 X 59 | 15Ƴ48 | 15805 | 14П33 | 16≈25 | 16 X 59 | 16Ƴ47 | 16802 | 15 Д 28 |
| 14S | 14≈38 | 15 X 05 | 14Ƴ43 | 13854 | 13 Д 26 | 15≈36 | 16 X 04 | 15Ƴ41 | 14850 | 14П21 | 16≈34 | 17 X 04 | 16Ƴ40 | 15847 | 15П16 |
| 15S | 14≈47 | 15 X 11 | 14Ƴ36 | 13839 | 13 🎞 14 | 15≈45 | 16 ¥ 10 | 15Ƴ34 | 14835 | 14П09 | 16≈43 | 17 X 09 | 16Ƴ32 | 15831 | 15 I I04 |
| 16S | 14≈56 | 15 X 16 | 14Υ30 | 13824 | 13 Д 02 | 15≈54 | 16¥15 | 15 ℃ 28 | 14820 | 13 Д 57 | 16≈52 | 17 X 13 | 16℃25 | 15816 | 14П52 |
| 17S | 15≈05 | 15 ¥ 22 | 14°24 | 13809 | 12 Д 50 | 16≈03 | 16 × 20 | 15°Y21 | 14805 | 13 Д 45 | 17≈01 | 17 × 18 | 16Y18 | 15800 | 14 11 39 |
| 18S 19S | 15≈15 15≈24 | 15 ¥ 27 15 ¥ 33 | 14Ƴ17 14Ƴ11 | 12 8 54 12 8 39 | 12 II 38 12 II 25 | 16≈12 16≈21 | 16 X 25 16 X 30 | 15Υ14 15Υ08 | 13 8 49 13 8 34 | 13 II 32 13 II 20 | 17≈09 17≈18 | 17 ¥ 23 17 ¥ 28 | 16Ƴ11 16Ƴ04 | 14845 14829 | 14II 27 14II 14 |
| - 1 | | | | | | | | | | | | | | | |
| 20S 21S | 15≈33 15≈43 | 15 ¥ 38 15 ¥ 44 | 14Ƴ05 13Ƴ59 | 12824 12809 | 12 II 12 12 II 00 | 16≈30 16≈40 | 16 ¥ 36 16 ¥ 41 | 15 \(\psi 01 \) 14 \(\psi 55 \) | 13 8 19 13 8 04 | 13 II 07 12 II 54 | 17≈27 17≈37 | 17 ¥ 33 17 ¥ 38 | 15 Υ 57 15 Υ 50 | 14 8 14 13 8 58 | 14 II 02 13 II 49 |
| 21S 22S | 15≈43 15≈52 | 15 X 44 | 13 Υ 59 13 Υ 53 | 11854 | 11 II 47 | 16≈49 | 16 × 46 | 14 Y 33 | 12848 | 12 Д 34 | 17≈37 | 17 X 38 | 15 ¥ 30 15 ¥ 43 | 13838 | 13 Д 49 |
| 23S | 16≈02 | 15 × 55 | 13°Y46 | 11839 | 11 Д 34 | 16≈58 | 16×51 | 14Υ41 | 12833 | 12 Д 28 | 17≈55 | 17 × 47 | 15Υ36 | 13827 | 13 Д 22 |
| 24S | 16≈11 | 16 X 01 | 13Ƴ40 | 11823 | 11 Д 20 | 17≈08 | 16 X 56 | 14Ƴ35 | 12817 | 12 Д 15 | 18≈04 | 17 X 52 | 15Ƴ29 | 13811 | 13 Д 09 |
| 25S | 16≈21 | 16 ¥ 06 | 13Ƴ34 | 11808 | 11П07 | 17≈17 | 17 ¥ 02 | 14 Y 28 | 12802 | 12П01 | 18≈14 | 17 X 57 | 15Ƴ22 | 12855 | 12П56 |
| 26S | 16≈31 | 16 X 12 | 13℃28 | 10853 | 10П54 | 17≈27 | 17 X 07 | 14Ƴ22 | 11846 | 11 II 48 | 18≈23 | 18 ∺ 02 | 15Υ15 | 12839 | 12 Д 42 |
| 27S | 16≈41 | 16 X 18 | 13 ° 22 | 10837 | 10 11 40 | 17≈37 | 17 × 12 | 14Υ15 | 11830 | 11 Д 34 | 18≈33 | 18 ¥ 07 | 15 ℃ 08 | 12823 | 12 Д 28 |
| 28S 29S | 16≈51 17≈01 | 16 × 23 16 × 29 | 13 Y 16 13 Y 09 | 10 8 21 10 8 06 | 10 II 26 10 II 12 | 17≈47 17≈57 | 17 ¥ 17 17 ¥ 23 | 14 Y 08 14 Y 02 | 11814 10858 | 11 II 20 11 II 06 | 18≈43 18≈52 | 18 X 12 18 X 17 | 15 ⋎ 01 14 ⋎ 54 | 12 8 07 11 8 50 | 12 II 14 11 II 59 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 17≈11 17≈22 | 16 ¥ 35 16 ¥ 40 | 13 Y 03 12 Y 57 | 9850 9834 | 9П57 9П43 | 18≈07 18≈17 | 17 ¥ 28 17 ¥ 33 | 13 \gamma 55 13 \gamma 48 | 10842 10825 | 10Д51 10Д36 | 19≈02 19≈12 | 18 ¥ 22 18 ¥ 27 | 14Ƴ47 14Ƴ40 | 11834 11817 | 11 II 45 11 II 30 |
| 32S | 17≈22 17≈33 | 16 X 46 | 12 Y 57 | 9817 | 9п28 | 18≈28 | 17 X 39 | 13 Y 42 | 10823 | 10 Д 30 | 19≈23 | 18 X 32 | 14 Y 33 | 11800 | 11 Д 30 |
| 33S | 17≈43 | 16 X 52 | 12Ƴ44 | 9801 | 9П12 | 18≈38 | 17 X 44 | 13 ℃ 35 | 9852 | 10П06 | 19≈33 | 18 X 37 | 14Ƴ26 | 10843 | 10П59 |
| 34S | 17≈54 | 16 ¥ 58 | 12 Y 38 | 8844 | 8П57 | 18≈49 | 17 ¥ 50 | 13 Ƴ 28 | 9835 | 9П50 | 19≈44 | 18 ∺ 42 | 14Ƴ18 | 10826 | 10П44 |
| 35S | 18≈05 | 17 X 04 | 12 Y 31 | 8828 | 8П41 | 19≈00 | 17 ¥ 55 | 13℃21 | 9818 | 9П34 | 19≈54 | 18 | 14Ƴ11 | 10809 | 10П28 |
| 36S | 18≈17 | 17 × 10 | 12Υ25 | 8811 | 8П25 | 19≈11 | 18 ¥ 01 | 13Υ14 | 9801 | 9п18 | 20≈05 | 18 ¥ 52 | 14Υ04 | 9851 | 10П11 |
| 37S | 18≈28 | 17 × 16 | 12Υ18 | 7853 | 8H08 | 19≈22 | 18 × 07 | 13 Y 07 | 8843 | 9П01 | 20≈16 | 18 X 57 19 X 03 | 13°756 | 9833 | 9Д54 |
| 38S 39S | 18≈40 18≈52 | 17 ¥ 22 17 ¥ 28 | 12 Y 12 12 Y 05 | 7836 7818 | 7Д32 7Д34 | 19≈34 19≈45 | 18 X 12 | 13 Υ 00 12 Υ 53 | 8826 8808 | 8Д27 | 20≈28 20≈39 | 19 X 03 | 13°7'49 13°Y'41 | 9 8 15 8 8 57 | 9Д37 9Д20 |
| 40S | 19≈04 | 17 X 34 | 11 Y 58 | 7800 | 7 π 17 | 19≈57 | | 12 Y 33 | 7 8 49 | | 20≈51 | 19 X 14 | 13 Y 41 13 Y 34 | | 9П02 |
| 40S 41S | 19≈04 19≈17 | 17 X 34 | 11 Y 58 | 6842 | 6Д58 | 19≈37 | 18 ¥ 24 18 ¥ 30 | 12 Y 40 12 Y 39 | 7831 | 8П09 7П51 | 20≈31 21≈03 | 19 X 14 | 13 Y 34 13 Y 26 | 8838 8819 | 8П43 |
| 42S | 19≈29 | 17 × 47 | 11Υ44 | 6824 | 6П40 | 20≈22 | 18 × 36 | 12Υ31 | 7812 | 7Д31 | 21≈15 | 19 X 25 | 13 Y 18 | 8800 | 8П24 |
| 43S | 19≈42 | 17 X 54 | 11Ƴ38 | 6805 | 6П21 | 20≈35 | 18 X 42 | 12 Ƴ 24 | 6853 | 7II13 | 21≈28 | 19 X 30 | 13 ⋎ 10 | 7840 | 8П05 |
| 44S | 19≈56 | 18 ¥ 00 | 11 Y 30 | 5 8 46 | 6П01 | 20≈48 | 18 ¥ 48 | 12 Y 16 | 6 8 33 | 6П53 | 21≈41 | 19 ¥ 36 | 13 ℃ 02 | 7820 | 7П45 |
| 45S | 20≈09 | 18 ∺ 07 | 11Ƴ23 | 5826 | 5П41 | 21≈02 | 18 | 12 Y 09 | 6813 | 6Д33 | 21≈54 | 19 X 42 | 12Ƴ54 | 7800 | 7П24 |
| 46S | 20≈23 | 18 X 14 | 11Υ16 | 5807 | 5П20 | 21≈15 | 19 × 01 | 12Y01 | 5853 | 6П12 | 22≈07 | 19 X 48 | 12 Y 46 | 6839 | 7п03 |
| 47S | 20≈38 20≈53 | 18 X 21 | 11Y09 | 4846 | 4II 59 | 21≈29 21≈44 | 19 × 07 | 11 Y 53 | 5832 | 5 II 50 | 22≈21 22≈25 | 19 X 54 | 12Y38 | 6818 | 6П41 |
| 48S 49S | 20≈53 21≈08 | 18 ¥ 28 18 ¥ 35 | 11Ƴ01 10Ƴ54 | 4826 4805 | 4II36 4II13 | 21≈44 21≈59 | 19 X 14 19 X 21 | 11 Y 45 11 Y 37 | 5811 4850 | 5 II 28 5 II 04 | 22≈35 22≈50 | 20 ± 00 20 ± 06 | 12 Y 29 12 Y 21 | 5857 5835 | 6П19 5П55 |
| 50S | 21≈24 | 18 X 42 | 10 Y 34 10 Y 46 | 3843 | 3П50 | 22≈14 | 19 X 27 | 11 Y 29 | 4828 | 4Π41 | 23≈05 | 20 × 12 | 12 Y 21 | 5812 | 5Д31 |
| 51S | 21≈24 21≈40 | 18 X 42 | 10°7°46 10°7°38 | 3821 | 3 II 25 | 22≈14 22≈30 | 19 X 27 | 11 \(\gamma \) 29 | 4805 | 4H41 4H16 | 23≈03 23≈20 | 20 X 12 20 X 19 | $12^{\circ}12$ | 4849 | 5Д31 |
| 52S | 21≈56 | 18 X 57 | 10 Y 30 | 2858 | 3H23 | 22≈46 | 19 X 41 | 11 Y 12 | 3842 | 3Д50 | 23≈26 23≈36 | 20 X 26 | 11 Y 54 | 4826 | 4H40 |
| 53S | 22≈14 | 19 X 05 | 10℃22 | 2835 | 2П34 | 23≈03 | 19 X 49 | 11 Y 03 | 3818 | 3 Д 23 | 23≈53 | 20 X 32 | 11Ƴ45 | 4802 | 4 I 14 |
| 54S | 22≈31 | 19 X 13 | 10 ℃ 13 | 2811 | 2П06 | 23≈21 | 19 X 56 | 10 Ƴ 54 | 2854 | 2П56 | 24≈10 | 20 ¥ 39 | 11Ƴ35 | 3 8 37 | 3П46 |
| 55S | 22≈50 | 19 ∺ 21 | 10℃05 | 1847 | 1Д38 | 23≈39 | 20 ₩ 04 | 10 Ƴ 45 | 2829 | 2П27 | 24≈28 | 20 X 46 | 11Ƴ26 | 3811 | 3П16 |
| 56S | 23≈09 22 20 | 19 × 30 | 9Υ56 | 1822 | 1 1 1 0 8 | 23≈57 | 20 X 12 | 10Υ36 | 2804 | 1 Д 57 | 24≈46 | 20 X 54 | 11Υ16 | 2845 | 2Д46 |
| 57S 58S | 23≈29 23≈49 | 19 X 38 | 9Ƴ47 9Ƴ38 | 0856 0830 | 0П37 0П05 | 24≈17 24≈37 | 20 \(\pm\) 20 20 \(\pm\) 28 | 10℃27 10℃17 | 1837 1810 | 1 II 26 0 II 53 | 25≈05 25≈25 | 21 ¥ 01 21 ¥ 09 | 11 ° 06 10 ° 55 | 2818 1851 | 2 II 14 1 II 41 |
| 59S | 23≈49 24≈10 | 19 X 47 | 9Υ38 9Υ29 | 0803 | 29831 | 24≈57 24≈58 | 20 H 28 | 10 Y 17 | 0843 | 0Д33 | 25≈25 25≈45 | 21 X 09 21 X 17 | 10 \ 33 | 1822 | 1 Д 41 |
| 60S | 24≈33 | 20 × 05 | 9Υ19 | 29 Y 35 | 28855 | 25≈20 | 20 X 45 | 9Υ57 | 0814 | 29843 | 26≈06 | 21 X 25 | 10 ° 34 | 0853 | 0Д31 |
| 61S | 24≈56 | 20 × 15 | 9Υ10 | 29 Y 06 | 28818 | 25≈20 25≈42 | 20 X 54 | 9Υ46 | 29°Y44 | 29805 | 26≈29 | 21 X 23 | 10 Y 34 10 Y 23 | 0823 | 29853 |
| 62S | 25≈20 | 20 × 25 | 8Υ59 | 28 Y 36 | 27839 | 26≈06 | 21 × 03 | 9Υ35 | 29 Y 14 | 28826 | 26≈52 | 21 X 41 | 10Y11 | 29Y51 | 29813 |
| 63S | 25≈45 | 20 X 35 | 8 Ƴ 49 | 28Ƴ05 | 26858 | 26≈31 | 21 X 13 | 9Υ24 | 28 Y 42 | 27844 | 27≈16 | 21 X 50 | 10Ƴ00 | 29Ƴ19 | 28830 |
| 64S | 26≈12 | 20 X 46 | 8 Ƴ 38 | 27Ƴ33 | 26815 | 26≈57 | 21 X 23 | 9 ⋎ 13 | 28 Y 09 | 27800 | 27≈41 | 21 X 59 | 9Ƴ47 | 28Ƴ46 | 27846 |
| 65S | 26≈40 | 20 X 57 | 8 ℃ 27 | 27Υ00 | 25829 | 27≈24 | 21 ¥ 33 | 9Υ01 | 27 Ƴ 35 | 26814 | 28≈08 | 22 ¥ 09 | 9Υ35 | 28 Ƴ 11 | 26859 |
| 66S pc | 27≈09 27×26 | 21 × 08 | 8Υ16 | 26Y25 | 24841 | 27≈53 28×00 | 21 X 43 | 8°Y49 | 27Υ00 269940 | 25825 | 28≈36 | 22 X 19 | 9Υ22 | 27Υ35 | 26810 |
| no l | 27≈26 | 21 X 14 | 8Y09 | 26Y06 | 24813 | 28≈09 | 21 X 49 | 8 Ƴ 42 | 26Y40 | 24856 | 28≈52 | 22 X 24 | 9 ⋎ 15 | 27 Υ 14 | 25840 |

| | Sid.Tin MC: | | 12m A 35'59 | RMC: 2 | 88°00' | Sid.Tir MC: | | 16m A 31'55 | RMC: 2 | 289°00' | Sid.Tir MC: | ne: 19h2 18ප | 20m A 27'58 | RMC: 2 | !90°00' |
|-------------------|-----------------|--|--|----------------------------------|----------------------|----------------------------|---|-------------------------------------|----------------------------------|----------------------------------|--|--|-------------------------------------|----------------------------------|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 15≈32 | 16 X 57 | 19Ƴ30 | 20826 | 18П57 | 16≈32 | 18¥02 | 20 ° 34 | 21825 | 19П53 | 17≈33 | 19 X 07 | 21Ƴ38 | 22824 | 20П48 |
| 1S | 15≈41 | 17 ¥ 02 | 19Ƴ21 | 20809 | 18 I I46 | 16≈41 | 18 ₩06 | 20℃25 | 21808 | 19П41 | 17≈41 | 19 X 11 | 21 Y 28 | 22807 | 20П3 |
| 2S | 15≈49 | 17 ¥ 07 | 19Ƴ13 | 19853 | 18 I I34 | 16≈49 | 18 ¥ 11 | 20 Y 16 | 20852 | 19П29 | 17≈50 | 19 X 15 | 21 ℃ 19 | 21850 | 20II25 |
| 3S | 15≈58 | 17 X 12 | 19Ƴ04 | 19837 | 18 Д 22 | 16≈58 | 18 ¥ 16 | 20 ℃ 07 | 20835 | 19П17 | 17≈58 | 19 X 19 | 21 Y 10 | 21834 | 20 Д 13 |
| 4S | 16≈06 | 17 X 17 | 18 Υ 56 | 19821 | 18П10 | 17≈06 | 18 ¥ 20 | 19 Y 58 | 20819 | 19П06 | 18≈06 | 19 X 23 | 21 ⋎ 01 | 21817 | 20П0 |
| 5S | 16≈15 | 17 ∺ 21 | 18Ƴ48 | 19805 | 17 I I59 | 17≈15 | 18 ∺ 24 | 19 Y 50 | 20803 | 18 I I54 | 18≈15 | 19 X 27 | 20 Υ 52 | 21801 | 19П49 |
| 6S | 16≈24 | 17 ¥ 26 | 18 Ƴ 40 | 18849 | 17Ⅲ47 | 17≈23 | 18 X 29 | 19Ƴ41 | 19847 | 18 Д 42 | 18≈23 | 19 X 31 | 20 ° 43 | 20844 | 19Д3′ |
| 7S | 16≈32 | 17 × 31 | 18 Y 32 | 18833 | 17П35 | 17≈32 | 18 ¥ 33 | 19Υ33 | 19830 | 18耳30 | 18≈31 | 19 ¥ 35 | 20 ° 34 | 20828 | 19П2 |
| 8S 9S | 16≈41 16≈49 | 17 ¥ 36 17 ¥ 40 | 18 Ƴ 24 18 Ƴ 16 | 18 8 17 18 8 01 | 17II 23 17II 11 | 17≈40 17≈48 | 18 X 37 18 X 42 | 19Ƴ25 19Ƴ17 | 19 8 14 18 8 58 | 18 II 18 18 II 07 | 18≈39 18≈48 | 19 X 39 19 X 43 | 20 ° 25 20 ° 17 | 20 8 12 19 8 56 | 19П13 19П02 |
| | | | | | | | | | | | | | | | |
| 10S | 16≈58 | 17 X 45 | 18 ⋎ 08 18 ⋎ 01 | 17845 | 17II 00 | 17≈57 | 18 × 46 | 19Y08 | 18842 18827 | 17II 55 17II 43 | 18≈56 10⊶04 | 19 X 47 | 20 \(\cdot 08 \) 20 \(\cdot 00 \) | 19839 | 18耳50 18耳37 |
| 11S 12S | 17≈06 17≈15 | 17 ¥ 50 17 ¥ 54 | 17 Y 53 | 17830 17814 | 16 II 48 16 II 35 | 18≈05 18≈14 | 18 X 50 18 X 54 | 19 \(\cdot 00 \) 18 \(\cdot 52 \) | 18811 | 17II 43 17II 30 | 19≈04 19≈12 | 19 X 51 19 X 55 | 20 ¥ 00 19 ¥ 51 | 19823 19807 | 18П2 |
| 13S | 17≈13 | 17 X 59 | 17 Y 45 | 16858 | 16П33 | 18≈22 | 18 X 59 | 18 Υ 44 | 17855 | 17 II 18 | 19≈21 | 19 X 58 | 19 ° 43 | 18851 | 18 II 1 |
| 14S | 17≈32 | 18 × 03 | 17 Υ 38 | 16843 | 16 I I11 | 18≈31 | 19 × 03 | 18 Y 36 | 17839 | 17 I I06 | 19≈29 | 20 × 02 | 19 ° 35 | 18835 | 18耳0 |
| 15S | 17≈41 | 18 | 17Ƴ30 | 16827 | 15П59 | 18≈39 | 19 X 07 | 18 Y 28 | 17823 | 16П54 | 19≈37 | 20 × 06 | 19Ƴ26 | 18819 | 17∏49 |
| 16S | 17≈41 | 18 X 12 | 17 Y 30 | 16811 | 15 II 47 | 18≈48 | 19 X 11 | 18 Y 21 | 17823 | 16 I I 41 | 19≈37 | 20 × 10 | 19 ¥ 20 19 ¥ 18 | 18803 | 17Д43 |
| 17S | 17≈58 | 18 X 17 | 17 Y 15 | 15856 | 15 II 34 | 18≈56 | 19 X 15 | 18 Y 13 | 16851 | 16П29 | 19≈54 | 20 × 14 | 19 Y 10 | 17846 | 17 II 24 |
| 18S | 18≈07 | 18 ∺ 21 | 17℃08 | 15840 | 15 Д 22 | 19≈05 | 19 X 19 | 18 Y 05 | 16835 | 16П16 | 20≈03 | 20 X 17 | 19℃02 | 17830 | 17Д1 |
| 19S | 18≈16 | 18 ¥ 26 | 17 Y 01 | 15824 | 15 I I09 | 19≈13 | 19 X 23 | 17 Y 57 | 16819 | 16耳03 | 20≈11 | 20 ¥ 21 | 18 ⋎ 53 | 17814 | 16Д58 |
| 20S | 18≈25 | 18 ∺ 30 | 16℃53 | 15808 | 14 I I56 | 19≈22 | 19 ¥ 27 | 17Ƴ49 | 16803 | 15П51 | 20≈20 | 20 ¥ 25 | 18Ƴ45 | 16858 | 161145 |
| 21S | 18≈34 | 18 ∺ 35 | 16Ƴ46 | 14853 | 14П43 | 19≈31 | 19 ₩ 32 | 17 Ƴ 41 | 15847 | 15Д38 | 20≈28 | 20 X 28 | 18Ƴ37 | 16841 | 16II32 |
| 22S | 18≈43 | 18 | 16Ƴ39 | 14837 | 14 I I30 | 19≈40 | 19 X 36 | 17Ƴ34 | 15831 | 15Ⅲ24 | 20≈37 | 20 X 32 | 18Ƴ29 | 16825 | 16П19 |
| 238 | 18≈52 | 18 X 44 | 16 Y 31 | 14821 | 14П17 | 19≈49 | 19 X 40 | 17Υ26 | 15815 | 15 II 11 | 20≈46 | 20 × 36 | 18 Y 21 | 16808 | 16П05 |
| 24S | 19≈01 | 18 | 16Ƴ24 | 14805 | 14 I I03 | 19≈58 | 19 ¥ 44 | 17Ƴ18 | 14858 | 14II58 | 20≈54 | 20 ¥ 40 | 18Ƴ12 | 15852 | 15 II 52 |
| 25S | 19≈10 | 18 | 16 Y 16 | 13848 | 13 II 50 | 20≈07 | 19 ¥ 48 | 17 ⋎ 10 | 14842 | 14Ⅱ44 | 21≈03 | 20 X 43 | 18Ƴ04 | 15835 | 15Д38 |
| 26S | 19≈19 | 18 X 57 | 16Y09 | 13832 | 13 Д 36 | 20≈16 | 19 × 52 | 17Υ03 | 14825 | 14П30 | 21 ≈ 12 | 20 X 47 | 17 Υ 56 | 15818 | 15 II 24 |
| 27S 28S | 19≈29 19≈38 | 19 ¥ 02 19 ¥ 06 | 16 ° 02 15 ° 54 | 13 8 16 12 8 59 | 13 II 22 13 II 08 | 20≈25 20≈34 | 19 \(\text{\cdot} 56 \) 20 \(\text{\cdot} 00 \) | 16Ƴ55 16Ƴ47 | 14808 13852 | 14 II 16 14 II 02 | 21≈21 21≈31 | 20 ± 51 20 ± 55 | 17 Υ 48 17 Υ 40 | 15 8 01 14 8 44 | 15 II 10 14 II 56 |
| 29S | 19≈38 | 19 X 00 | 15 \ 47 | 12843 | 12 II 53 | 20≈34 20≈44 | 20 X 00 | 16 Y 47 | 13835 | 13 II 47 | 21≈31 21≈40 | 20 X 55 | 17 ¥ 40 17 Y 31 | 14827 | 14 II 41 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 19≈58 20≈08 | 19 ¥ 15 19 ¥ 20 | 15 Ƴ 39 15 Ƴ 32 | 12826 12809 | 12 II 39 12 II 24 | 20≈53 21≈03 | 20 X 09 20 X 13 | 16Ƴ31 16Ƴ23 | 13 8 18 13 8 00 | 13 II 32 13 II 17 | 21≈49 21≈59 | 21 ¥ 02 21 ¥ 06 | 17 ° 23 17 ° 15 | 14 8 10 13 8 52 | 14П26 14П11 |
| 32S | 20≈08 20≈18 | 19 X 24 | 15 ¥ 32 15 ¥ 24 | 11852 | 12 II 24 12 II 08 | 21≈03 21≈13 | 20 X 17 | 16 Y 15 | 12843 | 13 II 02 | 22≈08 | 21 × 10 | 17 Y 13 | 13834 | 13 11 56 |
| 33S | 20≈28 | 19 X 29 | 15Υ16 | 11834 | 11 II 53 | 21≈23 | 20 × 22 | 16 ° 07 | 12825 | 12 Д 46 | 22≈18 | 21 X 14 | 16Y58 | 13816 | 13 Д 40 |
| 34S | 20≈38 | 19 X 34 | 15Ƴ09 | 11817 | 11 Д 37 | 21≈33 | 20 X 26 | 15Ƴ59 | 12808 | 12 Д 30 | 22≈28 | 21 X 18 | 16 Y 50 | 12858 | 13 II 24 |
| 35S | 20≈49 | 19 X 39 | 15 Y 01 | 10859 | 11 Д21 | 21≈43 | 20 ¥ 30 | 15 Y 51 | 11849 | 12 П 14 | 22≈38 | 21 ¥ 22 | 16Ƴ41 | 12840 | 13П08 |
| 36S | 21≈00 | 19 X 43 | 14Y53 | 10841 | 11 I I04 | 21≈54 | 20 X 35 | 15 Ƴ 43 | 11831 | 11 Д 58 | 22≈48 | 21 X 26 | 16 Ƴ 32 | 12821 | 12 Д 5 |
| 37S | 21≈10 | 19 | 14Ƴ46 | 10823 | 10П48 | 22≈05 | 20 X 39 | 15 Ƴ 35 | 11813 | 11П41 | 22≈59 | 21 ¥ 30 | 16Ƴ24 | 12802 | 12 Д 34 |
| | | | | 10804 | | 22≈16 | | | | | | | | | |
| 39S | 21≈33 | 19 X 58 | 14Ƴ30 | 9846 | 10П13 | 22≈27 | 20 ¥ 48 | 15Ƴ18 | 10835 | 11Д05 | 23≈20 | 21 X 38 | 16Ƴ06 | 11824 | 11Д58 |
| 40S | 21≈44 | 20 ¥ 03 | 14Ƴ22 | 9827 | 9П54 | 22≈38 | 20 X 53 | 15Ƴ09 | 10815 | 10П47 | 23≈31 | 21 X 42 | 15Ƴ57 | 11804 | 11 I I40 |
| 41S | 21≈56 | 20 × 08 | 14Υ13 | 9807 | 9П36 | 22≈49 | 20 X 57 | 15Υ01 | 9856 | 10 Д 28 | 23≈43 | 21 X 47 | 15 Y 48 | 10844 | 11 Д 21 |
| 42S | 22≈08 | 20 X 13 | 14 ° 05 13 ° 57 | 8848 | 9П17 | 23≈01 | 21 × 02 | 14 Y 52 | 9836 | 10 11 09 | 23≈54 | 21 X 51 21 X 55 | 15 Ƴ 39 15 Ƴ 30 | 10824 | 11П02 10П42 |
| 43S 44S | 22≈20 22≈33 | 20 \times 19 20 \times 24 | 13 \ \ 37 \ 13 \ \ \ 48 | 8828 8808 | 8П57 8П37 | 23≈13 23≈26 | 21 X 07 21 X 12 | 14 Y 43 14 Y 34 | 9816 8855 | 9П49 9П29 | 24≈06 24≈18 | 21 X 33 22 X 00 | 15 \ \ 20 | 10803 9842 | 10 Д 42 |
| | | | | | | l . | | | | | | | | | |
| 45S 46S | 22≈46 22≈59 | 20 \times 29 20 \times 35 | 13 Y 40 13 Y 31 | 7847 7826 | 8П16 7П55 | 23≈38 23≈51 | 21 X 17 21 X 22 | 14 ° 25 14 ° 16 | 8834 8812 | 9П08 8П47 | 24≈31 24≈43 | 22 ¥ 04 22 ¥ 09 | 15 Υ 11 15 Υ 01 | 9821 8859 | 10П00 9П38 |
| 47S | 22≈39 23≈13 | 20 × 40 | 13 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 7820 7804 | 7П33 | 23≈31 24≈04 | 21 X 27 | 14 Y 10 | 7850 | 8II 24 | 24≈43 24≈56 | 22 X 13 | 14 Y 51 | 8 83 6 | 9П10 |
| 48S | 23≈27 | 20 × 46 | 13 Y 13 | 6842 | 7 I 10 | 24≈18 | 21 X 32 | 13 Y 57 | 7828 | 8H01 | 25≈10 | 22 X 18 | 14 Y 41 | 8813 | 8П5 |
| 49S | 23≈41 | 20 ¥ 52 | 13Ƴ04 | 6820 | 6 I I47 | 24≈32 | 21 X 37 | 13 ℃ 48 | 7805 | 7П38 | 25≈23 | 22 ¥ 23 | 14Ƴ31 | 7850 | 8п29 |
| 50S | 23≈56 | 20 X 58 | 12 Y 55 | 5 8 57 | 6П22 | 24≈47 | 21 X 43 | 13 Y 38 | 6842 | 7П13 | 25≈37 | 22 X 28 | 14Ƴ21 | 7826 | 8m04 |
| 51S | 24≈11 | 21 X 04 | 12Ƴ46 | 5833 | 5П57 | 25≈01 | 21 X 48 | 13 Y 28 | 6818 | 6П48 | 25≈52 | 22 X 33 | 14Υ10 | 7802 | 7П38 |
| 52S | 24≈27 | 21 ¥ 10 | 12Ƴ36 | 5809 | 5Д31 | 25≈17 | 21 X 54 | 13Υ18 | 5853 | 6П21 | 26≈07 | 22 X 38 | 14Ƴ00 | 6837 | 7П1 |
| 53S | 24≈43 24 50 | 21 X 16 | 12°26 | 4845 | 5 II 04 | 25≈33 | 22 ¥ 00 | 13 Υ 08 | 5828 | 5 II 54 | 26≈22 | 22 X 43 | 13 ℃ 49 | 6811 | 6II4 |
| 54S | 24≈59 | 21 X 22 | 12Ƴ16 | 4819 | 4II35 | 25≈49 | 22 ¥ 05 | 12 Ƴ 57 | 5802 | 5П25 | 26≈38 | 22 X 48 | 13Ƴ38 | 5 8 45 | 6П1 |
| 55S | 25≈17 | 21 X 29 | 12℃06 | 3854 | 4 I I06 | 26≈06 | 22 X 11 | 12 ° 46 | 4836 | 4II 56 | 26≈55 | 22 X 54 | 13 ℃ 26 | 5818 | 5II4: |
| 56S | 25≈35 25××52 | 21 × 36 | 11Υ55 | 3827 | 3П35 | 26≈23 26×41 | 22 X 18 | 12Υ35 | 4808 | 4II 25 | 27≈12 27×20 | 23 ¥ 00 | 13 Y 15 | 4850 | 5 II 14 |
| 57S 58S | 25≈53 26≈12 | 21 X 42 21 X 49 | 11 ° 45 11 ° 34 | 2859 2831 | 3 II 03 2 II 30 | 26≈41 27≈00 | 22 ¥ 24 22 ¥ 30 | 12 Y 24 12 Y 12 | 3840 3812 | 3П52 3П19 | 27≈30 27≈48 | 23 ¥ 05 23 ¥ 11 | 13 Y 03 12 Y 51 | 4821 3852 | 4 1 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 59S | 26≈32 | 21 X 49 21 X 57 | 11 Y 34 11 Y 23 | 2802 | 1 II 55 | 27≈00 27≈20 | 22 X 30 | 12 γ 12 12 γ 00 | 2842 | 2П43 | 27≈48 28≈07 | 23 X 17 | 12 ¥ 31 12 Y 38 | 3832 3822 | 3П3 |
| 60S | 26≈53 | 22 X 04 | 11 γ 23 11 γ 11 | 1832 | 1П18 | 27≈40 | 22 X 44 | 11 Y 48 | 2811 | 2п06 | 28≈27 | 23 X 23 | 12 Y 36 | 2850 | 2П54 |
| 61S | 20≈33 27≈15 | 22 X 04 | 10\gamma59 | 1801 | 0П40 | 27≈40 28≈01 | 22 X 44 22 X 51 | 11 \ \gamma 48 | 1840 | 1 Д 27 | 28≈27 28≈48 | 23 X 23 23 X 30 | $12^{\circ}26$ $12^{\circ}12$ | 2 8 18 | 2 II 1: |
| 62S | 27≈13 27≈38 | 22 X 20 | 10 Y 39 | 0829 | 29859 | 28≈24 | 22 X 58 | 11 Y 23 | 1807 | 0П46 | 28≈48 29≈10 | 23 X 36 | 11 Y 59 | 1845 | 1 Д 3 |
| 63S | 28≈01 | 22 X 28 | 10 ℃ 35 | 29Y56 | 29817 | 28≈47 | 23 ¥ 05 | 11 Y 10 | 0833 | 0п03 | 29≈32 | 23 X 43 | 11 Y 45 | 1810 | 0П49 |
| | | 22 X 36 | 10℃22 | 29Ƴ22 | 28832 | 29≈11 | 23 ¥ 13 | 10 Y 56 | 29Ƴ58 | 29818 | 29≈56 | 23 ¥ 50 | 11Ƴ31 | 0 8 35 | 0П03 |
| 64S | 28≈26 | 227(30 | | | | | | | | | | 1 | | | 1 |
| - 1 | 28≈26 28≈52 | 22 X 45 | 10Ƴ09 | 28Ƴ47 | 27844 | 29≈36 | 23 ¥ 21 | 10Ƴ42 | 29Ƴ22 | 28829 | 0 X 21 | 23 ¥ 57 | 11 Y 16 | 29⋎58 | 29815 |
| 64S 65S 66S | | | | | 27844 26854 | 29≈36 0 X 03 | 23 X 21 23 X 29 | 10Ƴ42 10Ƴ28 | 29Ƴ22 28Ƴ45 | 28 8 29 27 8 38 | 0 X 21 0 X 47 | 23 X 57 24 X 05 | 11 ⋎ 16 11 ⋎ 01 | 29Ƴ58 29Ƴ19 | 29 8 15 |

| | Sid.Tir MC: | | 24m A 324'06 | RMC: 2 | 291°00' | Sid.Tir MC: | ne: 19h2 20ප | 28m A 20'21 | RMC: 2 | 292°00' | Sid.Tii MC: | ne: 19h; 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 |
| 0S | 18≈34 | 20 X 12 | 22 Y 42 | 23823 | 21 Д 43 | 19≈35 | 21 X 17 | 23 ℃ 46 | 24821 | 22 Д 39 | 20≈36 | 22 X 22 | 24 Y 49 | 25820 | 23 Д 34 |
| 1S | 18≈42 | 20 × 16 | 22Υ32 | 23806 | 21 Д32 | 19≈43 | 21 ¥ 20 | 23 Y 35 | 24804 | 22 Д 27 | 20≈44 | 22 ¥ 25 | 24Υ38 | 25803 | 23 Д 22 |
| 2S 3S | 18≈50 18≈58 | 20 X 19 20 X 23 | 22 Y 22 22 Y 13 | 22 8 49 22 8 32 | 21 II 20 21 II 08 | 19≈51 19≈59 | 21 ¥ 24 21 ¥ 27 | 23 \cdot 25 \cdot 23 \cdot 15 | 23847 23830 | 22 II 15 22 II 03 | 20≈52 20≈59 | 22 ¥ 28 22 ¥ 31 | 24 Y 28 24 Y 17 | 24845 24828 | 23 II 10 22 II 58 |
| 4S | 19≈06 | 20 X 27 | 22 Y 03 | 22815 | 20 Д 56 | 20≈07 | 21 X 27 | 23 Y 05 | 23813 | 21 II 51 | 20≈39 21≈07 | 22 X 34 | 24 Y 07 | 24811 | 22 Д 46 |
| 5S | 19≈15 | 20 ¥ 30 | 21 Y 54 | 21859 | 20П44 | 20≈15 | 21 ¥ 34 | 22 Y 55 | 22856 | 21 Д 39 | 21≈15 | 22 X 37 | 23 Y 57 | 23854 | 22 П 34 |
| 6S | 19≈23 | 20 × 34 | 21 γ 44 | 21842 | 20 II 32 | 20≈13 20≈23 | 21 X 37 | 22 Y 46 | 22839 | 21 Д 27 | 21≈13 21≈23 | 22 X 39 | 23 Y 47 | 23837 | 22 П 23 |
| 7S | 19≈31 | 20 × 38 | 21 Y 35 | 21825 | 20 Д20 | 20≈31 | 21 X 40 | 22 Y 36 | 22823 | 21 Д 16 | 21≈31 | 22 X 42 | 23 Y 37 | 23820 | 22 Д 11 |
| 8S | 19≈39 | 20 ¥ 41 | 21Υ26 | 21809 | 20П09 | 20≈39 | 21 X 43 | 22 Ƴ 27 | 22806 | 21 Д 04 | 21≈39 | 22 X 45 | 23 Y 27 | 23803 | 21 Д 59 |
| 9S | 19≈47 | 20 ¥ 45 | 21 Ƴ 17 | 20852 | 19П57 | 20≈47 | 21 X 46 | 22 Ƴ 17 | 21849 | 20П52 | 21≈46 | 22 X 48 | 23 Y 17 | 22846 | 21 Д47 |
| 10S | 19≈55 | 20 X 48 | 21 Y 08 | 20836 | 19П45 | 20≈55 | 21 X 49 | 22Υ08 | 21833 | 20П39 | 21≈54 | 22 X 50 | 23Υ07 | 22829 | 21 Д 34 |
| 11S 12S | $20 \approx 03$ $20 \approx 11$ | 20 \(\pm\) 52 20 \(\pm\) 55 | 20 \gamma 59 20 \gamma 50 | 20820 20803 | 19 II 32 19 II 20 | $21 \approx 03$ $21 \approx 10$ | 21 ¥ 52 21 ¥ 55 | 21 \gamma 58 21 \gamma 49 | 21816 21800 | 20 II 27 20 II 15 | 22≈02 22≈10 | 22 ¥ 53 22 ¥ 56 | 22 \gamma 58 22 \gamma 48 | 22813 21856 | 21 II 22 21 II 10 |
| 12S | 20≈11 | 20 X 53 | 20 Y 30 20 Y 42 | 19847 | 19 Д 20 | 21≈10 21≈18 | 21 X 53 | $21 \Upsilon 49$ $21 \Upsilon 40$ | 20843 | 20 II 13 20 II 03 | 22≈10 22≈17 | 22 X 59 | 22 Y 38 | 21839 | 20 Д 58 |
| 14S | 20≈28 | 21 X 02 | 20Υ33 | 19831 | 18П56 | 21≈26 | 22 X 01 | 21 γ 31 | 20826 | 19П51 | 22≈25 | 23 × 01 | 22Υ29 | 21822 | 20П45 |
| 15S | 20≈36 | 21 ¥ 05 | 20Y24 | 19814 | 18П43 | 21≈34 | 22 ¥ 05 | 21 Y 22 | 20810 | 19П38 | 22≈33 | 23 ¥ 04 | 22Y20 | 21805 | 20П33 |
| 16S | 20≈44 | 21 × 09 | 20 Y 15 | 18858 | 18耳31 | 21≈42 | 22 × 08 | 21Υ13 | 19853 | 19П26 | 22≈41 | 23 × 06 | 22 Y 10 | 20849 | 20 Д 20 |
| 17S | 20≈52 | 21 X 12 | 20 Y 07 | 18842 | 18 I I18 | 21≈51 | 22 X 11 | 21 Y 04 | 19837 | 19П13 | 22≈49 | 23 X 09 | 22 Y 01 | 20832 | 20П08 |
| 18S | 21≈01 | 21 × 15 | 19Υ58 | 18825 | 18II 05 | 21≈59 | 22 X 14 | 20Υ55 20W46 | 19820 | 19 🗆 00 | 22≈57 22≈05 | 23 X 12 | 21 Υ 51 | 20815 | 19 Д 55 |
| 19S | 21≈09 | 21 💥 19 | 19 Y 50 | 18809 | 17 🛚 53 | 22≈07 | 22 X 17 | 20 ℃ 46 | 19803 | 181147 | 23≈05 | 23 X 14 | 21°742 | 19858 | 19 Д 42 |
| 20S 21S | 21≈17 21≈26 | 21 ¥ 22 21 ¥ 25 | 19Ƴ41 19Ƴ32 | 17852 17836 | 17 II 40 17 II 27 | 22≈15 22≈23 | 22 ¥ 20 22 ¥ 23 | 20 \gamma 37 20 \gamma 28 | 18847 18830 | 18 II 34 18 II 21 | 23≈13 23≈21 | 23 X 17 23 X 20 | 21 \gamma 33 21 \gamma 23 | 19841 19824 | 19П29 19П15 |
| 21S 22S | 21≈26 21≈34 | 21 X 23 | 19 Y 32 | 17819 | 17 Д 27 | 22≈23 22≈32 | 22 H 23 | 20 Y 28 20 Y 19 | 18813 | 18Д21 | 23≈21 23≈29 | 23 X 20 23 X 22 | 21 Y 23 21 Y 14 | 19824 | 19П13 |
| 23S | 21≈43 | 21 X 32 | 19Υ15 | 17802 | 17 I I00 | 22≈40 | 22 X 29 | 20Υ10 | 17856 | 17 Д 54 | 23≈37 | 23 ¥ 25 | 21Υ05 | 18849 | 18П48 |
| 24S | 21≈51 | 21 X 36 | 19 Y 07 | 16845 | 16耳46 | 22≈48 | 22 X 32 | 20 Y 01 | 17839 | 17 I I40 | 23≈46 | 23 X 27 | 20Y55 | 18832 | 18Д35 |
| 25S | 22≈00 | 21 X 39 | 18 Y 58 | 16828 | 16Д32 | 22≈57 | 22 X 35 | 19Ƴ52 | 17821 | 17Д27 | 23≈54 | 23 ¥ 30 | 20 Y 46 | 18815 | 18П21 |
| 26S | 22≈09 | 21 X 42 | 18Y50 | 16811 | 16П18 | 23≈06 | 22 ¥ 38 | 19Ƴ43 | 17804 | 17 Д 12 | 24≈02 | 23 ¥ 33 | 20Υ37 | 17857 | 18П07 |
| 27S | 22≈18 | 21 X 46 | 18 741 | 15854 | 16 11 04 | 23≈14 | 22 X 41 | 19 Y 34 | 16847 | 16П58 | 24≈11 24×10 | 23 ¥ 35 | 20°27 | 17839 | 17П52 |
| 28S 29S | 22≈27 22≈36 | 21 ¥ 49 21 ¥ 53 | 18 \gamma 32 18 \gamma 24 | 15 8 37 15 8 19 | 15 II 50 15 II 35 | 23≈23 23≈32 | 22 X 44 22 X 47 | 19 Y 25 19 Y 16 | 16 8 29 | 16 II 44 16 II 29 | 24≈19 24≈28 | 23 ¥ 38 23 ¥ 41 | 20 Y 18 20 Y 08 | 17821 17803 | 17Д38 17Д23 |
| 30S | 22≈45 | 21 X 56 | 18 Y 15 | 15801 | 15 Д 20 | 23≈41 | 22 X 50 | 19 Y 07 | 15853 | 16П14 | 24≈37 | 23 X 43 | 19 Y 59 | 16845 | 17Д23 |
| 31S | 22≈54 | 22 X 00 | 18Y06 | 14844 | 15 II 05 | 23≈50 | 22 X 53 | 18Y58 | 15835 | 15 Д 59 | 24≈46 | 23 X 46 | 19Υ49 | 16827 | 16 Д 52 |
| 32S | 23≈04 | 22 X 03 | 17 ⋎ 58 | 14826 | 14 I I49 | 23≈59 | 22 X 56 | 18Ƴ49 | 15817 | 15 II 43 | 24≈55 | 23 X 49 | 19 Ƴ 40 | 16808 | 16Ц37 |
| 33S | 23≈13 | 22 X 07 | 17Υ49 | 14807 | 14 Д 33 | 24≈09 | 22 X 59 | 18Υ39 | 14858 | 15 Д 27 | 25≈04 | 23 X 52 | 19Υ30 | 15849 | 16П21 |
| 34S | 23≈23 | 22 ¥ 10 | 17Ƴ40 | 13849 | 14П17 | 24≈18 | 23 ¥ 02 | 18Ƴ30 | 14840 | 15П11 | 25≈13 | 23 X 54 | 19℃20 | 15830 | 16П04 |
| 35S | 23≈33 | 22 X 14 | 17Y31 | 13830 | 14 11 01 | 24≈28 | 23 ¥ 05 | 18 ℃ 21 | 14821 | 14 Д 54 | 25≈23 | 23 X 57 | 19Υ11 | 15811 | 15 II 48 |
| 36S 37S | 23≈43 23≈53 | 22 X 17 22 X 21 | 17\cdot\cdot\cdot\cdot\cdot\cdot\cdot\cdot | 13 8 11 12 8 52 | 13 II 44 13 II 27 | 24≈38 24≈48 | 23 ¥ 09 23 ¥ 12 | 18 ⋎ 11 18 ⋎ 02 | 14801 13842 | 14 II 37 14 II 20 | 25≈32 25≈42 | 24 ¥ 00 24 ¥ 03 | 19°701 18°751 | 14851 14832 | 15Д31 15Д13 |
| 38S | 24≈04 | 22 X 25 | 17Υ03 | 12833 | 13 Д 27 | 24≈58 | 23 X 15 | 17Υ52 | 13822 | 14 II 02 | 25≈52 | 24 × 06 | 18 Y 41 | 14811 | 14 Д 55 |
| 39S | 24≈14 | 22 ¥ 28 | 16 Y 54 | 12813 | 12П51 | 25≈08 | 23 ¥ 18 | 17Ƴ42 | 13802 | 13 Д 44 | 26≈02 | 24 ¥ 09 | 18 Y 30 | 13851 | 14Д37 |
| 40S | 24≈25 | 22 X 32 | 16 ° 45 | 11853 | 12П33 | 25≈19 | 23 ¥ 22 | 17Ƴ33 | 12842 | 13 Д 26 | 26≈13 | 24 X 11 | 18 Y 20 | 13830 | 14П18 |
| 41S | 24≈36 | 22 X 36 | 16 Y 35 | 11833 | 12 Д 14 | 25≈30 | 23 ¥ 25 | 17Ƴ23 | 12821 | 13 Д 06 | 26≈23 | 24 X 14 | 18 Y 10 | 13809 | 13 Д 59 |
| 42S | 24≈47 | 22 X 40 | 16Y26 | 11812 | 11 Д 54 | 25≈41 | 23 ¥ 29 | 17°13 | 12800 | 12 Д 47 | 26≈34 | 24 X 17 | 17°59 | 12848 | 13 Д 39 |
| 43S 44S | 24≈59 25≈11 | 22 X 44 22 X 48 | 16Y16 16Y06 | 10 8 51 10 8 29 | 11 II 34 11 II 14 | 25≈52 26≈04 | 23 \ 32 23 \ 36 | 17 ⋎ 02 16 ⋎ 52 | 11 8 38 | 12 II 27 12 II 06 | 26≈45 26≈56 | 24 X 21 24 X 24 | 17 Y 49 17 Y 38 | 12826 12804 | 13 II 19 12 II 58 |
| 45S | 25≈23 | 22 X 52 | 15 Y 56 | 10807 | 10 Д 52 | 26≈15 | 23 X 39 | 16 Y 42 | 10854 | 11 Д 44 | 27≈08 | 24 X 27 | 17 Y 27 | 11841 | 12 Д 37 |
| 458 46S | 25≈23 25≈35 | 22 X 52 22 X 56 | 15°7'36 | 9845 | 10Д32 | 26≈13 26≈27 | 23 X 39 | 16 \gamma 42 | 10831 | 11 Д 22 | 27≈08 27≈20 | 24 X 27 24 X 30 | 17\dagger 27 | 11818 | 12 Д 37 |
| 47S | 25≈48 | 23 ¥ 00 | 15 Y 36 | 9822 | 10Д08 | 26≈40 | 23 X 47 | 16Y20 | 10808 | 11 Д 00 | 27≈32 | 24 ¥ 33 | 17Y05 | 10854 | 11П51 |
| 48S | 26≈01 | 23 × 04 | 15Υ25 | 8859 | 9п44 | 26≈53 | 23 ¥ 50 | 16Υ09 | 9845 | 10Д36 | 27≈44 | 24 X 37 | 16Υ53 | 10830 | 11 Д 28 |
| 498 | 26≈14 | 23 ¥ 09 | 15 Ƴ 15 | 8835 | 9П20 | 27≈06 | 23 ¥ 54 | 15℃58 | 9820 | 10П12 | 27≈57 | 24 ¥ 40 | 16 Y 42 | 10805 | 11П03 |
| 50S | 26≈28 | 23 ¥ 13 | 15 Y 04 | 8811 | 8Д55 | 27≈19 | 23 ¥ 58 | 15 ° 47 | 8856 | 9Д46 | 28≈10 | 24 × 43 | 16Y30 | 9840 | 10Д38 |
| 51S 52S | 26≈42 26≈57 | 23 ¥ 17 23 ¥ 22 | 14 \gamma 53 14 \gamma 42 | 7846 7820 | 8П29 8П02 | 27≈33 27≈47 | 24 ¥ 02 24 ¥ 06 | 15 Y 35 15 Y 24 | 8830 8804 | 9П20 8П53 | 28≈24 28≈38 | 24 ¥ 47 24 ¥ 50 | 16Υ18 16Υ06 | 9814 8848 | 10П11 9П44 |
| 53S | 20≈37 27≈12 | 23 X 27 | 14 Y 42 14 Y 30 | 6854 | 7П34 | 27≈47 28≈02 | 24 X 00 24 X 10 | 15 γ 24 15 γ 12 | 7 8 38 | 8Д25 | 28≈52 28≈52 | 24 X 50 | 15 Y 53 | 8821 | 9П15 |
| 54S | 27≈28 | 23 X 32 | 14Υ19 | 6828 | 7П05 | 28≈17 | 24 X 15 | 14Υ59 | 7810 | 7Д56 | 29≈07 | 24 X 58 | 15Υ40 | 7853 | 8П46 |
| 55S | 27≈44 | 23 ¥ 36 | 14 ° 07 | 6800 | 6Д35 | 28≈33 | 24 X 19 | 14Ƴ47 | 6842 | 7П25 | 29≈22 | 25 ¥ 02 | 15 ℃ 27 | 7824 | 8п15 |
| 56S | 28≈01 | 23 X 41 | 13 Y 55 | 5832 | 6Д03 | 28≈49 | 24 X 23 | 14 Y 34 | 6813 | 6Д53 | 29≈38 | 25 ¥ 05 | 15Υ14 | 6855 | 7П43 |
| 57S | 28≈18 2826 | 23 X 47 | 13 Y 42 | 5802 | 5II30 | 29≈06 20×24 | 24 ¥ 28 | 14Y21 | 5843 | 6П20 | 29≈55 | 25 × 09 | 15Υ00 | 6824 | 7П09 |
| 58S 59S | 28≈36 28≈55 | 23 X 52 23 X 57 | 13Υ29 13Υ16 | 4832 4802 | 4 II 56 4 II 20 | 29≈24 29≈42 | 24 ¥ 33 24 ¥ 38 | 14 Y 08 13 Y 54 | 5 8 13 4 8 41 | 5 II 45 5 II 08 | 0 × 12 0 × 30 | 25 X 14 25 X 18 | 14 Y 46 14 Y 32 | 5853 5821 | 6Д34 5Д57 |
| 60S | | 24 X 03 | 13 Y 10 | 3830 | 3 II 42 | | 24 X 38 | 13 Y 34 | 4809 | 4 I I30 | 0 X 30 | 25 X 18 | 14 Y 17 | 4848 | 5Π18 |
| 61S | 29≈14 29≈34 | 24 X 03 24 X 09 | 13 \ \gamma 03 | 2857 | 3 II 42 3 II 02 | 0 × 01 0 × 21 | 24 X 43 24 X 48 | 13 \ \gamma 26 | 3 8 35 | 3 II 50 | 1 X 48 | 25 X 22 25 X 27 | 14 \ \gamma 17 \\ 14 \ \gamma 02 | 4848 | 5 <u>ш</u> 18 4 <u>ш</u> 37 |
| 62S | 29≈55 | 24 X 15 | 12 Y 35 | 2823 | 2 Д 20 | 0 X 41 | 24 X 53 | 13 γ 20 13 γ 11 | 3800 | 3Д07 | 1 X 27 | 25 X 31 | 13°Y47 | 3838 | 3Д55 |
| 63S | 0 | 24 ¥ 21 | 12 Y 20 | 1847 | 1Д36 | 1 X 03 | 24 ¥ 58 | 12 Υ 55 | 2824 | 2Д23 | 1 X 48 | 25 ¥ 36 | 13 Y 31 | 3801 | 3П09 |
| 64S | 0 | 24 X 27 | 12 Y 05 | 1811 | 0П49 | 1 X 26 | 25 ¥ 04 | 12 Ƴ 40 | 1847 | 1Д35 | 2 ¥ 10 | 25 X 41 | 13 Y 14 | 2824 | 2П22 |
| 65S | 1 X 05 | 24 ¥ 34 | 11 Y 50 | 0833 | 0П00 | 1 X 49 | 25 ¥ 10 | 12 ℃ 24 | 1809 | 0П45 | 2 ** 33 | 25 ¥ 46 | 12°757 | 1844 | 1Д31 |
| 66S | 1 X 30 | 24 ¥ 40 | 11 Y 34 | 29 Y 54 | 29808 | 2 X 14 | 25 ¥ 16 | 12°°07 | 0829 | 29853 | 2 X 58 | 25 ¥ 51 | 12Υ40 | 1803 | 0Д37 |
| pc | 1 X 45 | 24 ¥ 44 | 11 Y 25 | 29Ƴ31 | 28837 | 2 ¥ 28 | 25 X 19 | 11 ℃ 57 | 0805 | 29821 | 3 × 12 | 25 ¥ 54 | 12 Y 30 | 0840 | 0П06 |

| | Sid.Tir MC: | | 36m A 13'10 | RMC: 2 | .94°00' | Sid.Tir MC: | ne: 19h | 40m A 309'46 | RMC: 2 | 295°00' | Sid.Tii MC: | ne: 19h | 44m A 306'28 | RMC: 2 | .96°00' |
|------------|--|--|----------------------------------|----------------------------------|----------------------|--|------------------------------|----------------------------------|----------------------------------|----------------------|--|--|----------------------------------|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 21≈37 | 23 ¥ 27 | 25 Y 53 | 26818 | 24 II 29 | 22≈38 | 24 ¥ 33 | 26°756 | 27816 | 25 II 24 | 23≈40 | 25 ¥ 38 | 27Y59 | 28814 | 26П19 |
| 1S 2S | 21≈45 21≈53 | 23 \times 30 23 \times 32 | 25 \cdot 42 25 \cdot 31 | 26 8 01 25 8 43 | 24 II 17 24 II 05 | 22≈46 22≈54 | 24 ¥ 35 24 ¥ 37 | 26 \gamma 44 \\ 26 \gamma 33 | 26 8 59 26 8 41 | 25 II 12 25 II 00 | 23≈48 23≈55 | 25 X 40 25 X 41 | 27\dagger47 27\dagger36 | 27856 27839 | 26 II 07 25 II 55 |
| 3S | 22≈00 | 23 × 35 | 25 Y 20 | 25826 | 23 II 53 | 23≈01 | 24 × 39 | 26Υ22 | 26823 | 24 II 48 | 24≈02 | 25 X 43 | 27Υ24 | 27821 | 25 II 44 |
| 4S | 22≈08 | 23 X 37 | 25Ƴ09 | 25808 | 23 Д 41 | 23≈09 | 24 X 41 | 26Ƴ11 | 26806 | 24 Д 37 | 24≈10 | 25 X 45 | 27Υ12 | 27803 | 25 Д 32 |
| 5S | 22≈16 | 23 X 40 | 24Ƴ58 | 24851 | 23 Д 30 | 23≈16 | 24 ¥ 43 | 26Y00 | 25848 | 24П25 | 24≈17 | 25 ¥ 46 | 27 Y 01 | 26846 | 25 Д 20 |
| 6S | 22≈23 | 23 X 42 | 24 Y 48 | 24834 | 23 Д 18 | 23≈24 | 24 ¥ 45 | 25 ℃ 49 | 25831 | 24 П 13 | 24≈24 | 25 X 48 | 26Y50 | 26828 | 25П08 |
| 7S 8S | 22≈31 22⊶30 | 23 X 45 | 24Y38 | 24817 | 23 II 06 22 II 54 | 23≈31 23≈39 | 24 X 47 | 25 Y 38 | 25814 | 24 II 01 23 II 49 | 24≈32 24≈39 | 25 ¥ 50 | 26 Y 39 | 26810 | 24 II 56 24 II 44 |
| 9S | 22≈39 22≈46 | 23 X 47 23 X 49 | 24 Y 27 24 Y 17 | 24800 23843 | 22 II 34 22 II 41 | 23≈39 23≈46 | 24 ¥ 49 24 ¥ 51 | 25 \cdot 27 25 \cdot 17 | 24856 24839 | 23 Д 36 | 24≈39 24≈46 | 25 \times 51 25 \times 53 | 26°27 26°17 | 25 8 53 25 8 36 | 24 II 44 24 II 31 |
| 10S | 22≈54 | 23 ¥ 52 | 24Ƴ07 | 23826 | 22П29 | 23≈54 | 24 ¥ 53 | 25℃06 | 24822 | 23 Д 24 | 24≈54 | 25 ¥ 54 | 26Y06 | 25818 | 24П19 |
| 11S | 23≈01 | 23 X 54 | 23 Y 57 | 23809 | 22 П 17 | 24≈01 | 24 X 55 | 24Y56 | 24805 | 23 Д 12 | 25≈01 | 25 X 56 | 25 Y 55 | 25801 | 24П07 |
| 12S | 23≈09 | 23 X 56 | 23 ℃ 47 | 22852 | 22 11 05 | 24≈09 | 24 X 57 | 24Ƴ45 | 23848 | 23 Д 00 | 25≈08 | 25 X 57 | 25℃44 | 24843 | 23 Д 55 |
| 138 | 23≈17 23≈24 | 23 X 59 24 X 01 | 23 Y 37 | 22835 | 21 11 53 | 24≈16 24≈23 | 24 X 59 | 24 Y 35 | 23830 | 22 Д 47 | 25≈15 | 25 X 59 | 25Υ33 | 24826 24809 | 23 II 42 23 II 30 |
| 148 | | | 23 Y 27 | 22818 | 21 11 40 | | 25 ¥ 01 | 24Y25 | 23813 | 22 11 35 | 25≈23 | 26 ¥ 00 | 25°23 | _ | |
| 15S 16S | 23≈32 23≈40 | 24 ¥ 03 24 ¥ 05 | 23 Y 17 23 Y 07 | 22801 21844 | 21 II 28 21 II 15 | 24≈31 24≈38 | 25 \times 03 25 \times 04 | 24 \cdot 15 24 \cdot 04 | 22856 22839 | 22 II 22 22 II 10 | 25≈30 25≈37 | 26 \times 02 26 \times 03 | 25 Y 12 25 Y 01 | 23 8 51 23 8 34 | 23 II 17 23 II 04 |
| 17S | 23≈40 23≈47 | 24 × 08 | 22 Y 57 | 21827 | 21 II 02 | 24≈38 24≈46 | 25 × 06 | 23 Y 54 | 22822 | 21 II 57 | 25≈37 25≈45 | 26 × 05 | 24 Y 51 | 23816 | 22 II 52 |
| 18S | 23≈55 | 24 ¥ 10 | 22Ƴ48 | 21810 | 20П49 | 24≈54 | 25 ¥ 08 | 23 ℃ 44 | 22804 | 21 Д 44 | 25≈52 | 26 ¥ 06 | 24 Y 40 | 22859 | 22 Д 39 |
| 19S | 24≈03 | 24 ¥ 12 | 22Ƴ38 | 20852 | 20П36 | 25≈01 | 25 ¥ 10 | 23 ℃ 34 | 21847 | 21 Д 31 | 26≈00 | 26 ₩ 08 | 24Y30 | 22841 | 22П26 |
| 20S | 24≈11 | 24 × 14 | 22Y28 | 20835 | 20 11 23 | 25≈09 | 25 ¥ 12 | 23 Y 24 | 21829 | 21 П 18 | 26≈07 | 26 × 09 | 24Y19 | 22824 | 22 П 12 |
| 21S 22S | 24≈19 24≈27 | 24 X 17 24 X 19 | 22 Y 19 22 Y 09 | 20818 20800 | 20 II 10 19 II 56 | 25≈17 25≈24 | 25 ¥ 14 25 ¥ 16 | 23 \ \cdot 14 23 \ \cdot 04 | 21812 20854 | 21 II 04 20 II 51 | 26≈15 26≈22 | 26 X 11 26 X 12 | 24 Y 09 23 Y 59 | 22 8 06 21 8 48 | 21 II 59 21 II 45 |
| 23S | 24≈27 24≈35 | 24 X 21 | 21 Y 59 | 19843 | 19П30 | 25≈24 25≈32 | 25 X 18 | 22 Y 54 | 20834 | 20 Д 37 | 26≈22 26≈30 | 26 X 14 | 23 Y 48 | 21830 | 21 II 32 |
| 24S | 24≈43 | 24 X 23 | 21Ƴ49 | 19825 | 19П29 | 25≈40 | 25 X 19 | 22Ƴ44 | 20819 | 20П23 | 26≈38 | 26 X 15 | 23 Y 38 | 21812 | 21 Д 18 |
| 25S | 24≈51 | 24 ¥ 26 | 21 ℃ 40 | 19808 | 19П15 | 25≈48 | 25 ¥ 21 | 22 Y 33 | 20801 | 20П09 | 26≈45 | 26 X 17 | 23 Y 27 | 20854 | 21 Д 04 |
| 26S | 24≈59 | 24 ¥ 28 | 21 Y 30 | 18850 | 19П01 | 25≈56 | 25 X 23 | 22 ℃ 23 | 19843 | 19П55 | 26≈53 | 26 X 18 | 23 Y 17 | 20835 | 20П49 |
| 27S | 25≈07 25≈16 | 24 \times 30 24 \times 33 | 21 \cdot 20 21 \cdot 10 | 18832 | 18 II 46 18 II 32 | 26≈04 26≈12 | 25 ¥ 25 25 ¥ 27 | 22 \U22 \U23 | 19824 | 19П41 19П26 | 27≈01 27≈09 | 26 \times 20 26 \times 21 | 23 \cdot 06 \\ 22 \cdot 55 | 20 8 17 19 8 58 | 20 II 35 20 II 20 |
| 28S 29S | 25≈16 25≈24 | 24 X 35 | 21 Y 10 21 Y 01 | 18 8 14 17 8 55 | 18 Д 17 | 26≈12 26≈21 | 25 X 27 | 22 Y 03 21 Y 53 | 19 8 06 18 8 47 | 19 Д 26 | 27≈09 27≈17 | 26 H 21 | 22 Y 33 | 19839 | 20 II 20 20 II 05 |
| 30S | 25≈33 | 24 X 37 | 20Υ51 | 17837 | 18П02 | 26≈29 | 25 X 31 | 21 Y 42 | 18829 | 18Д56 | 27≈25 | 26 X 25 | 22Υ34 | 19820 | 19П50 |
| 31S | 25≈42 | 24 × 39 | 20 Y 41 | 17818 | 17 I I46 | 26≈38 | 25 X 33 | 21 Y 32 | 18810 | 18 I I40 | 27≈34 | 26 X 26 | 22 Y 23 | 19801 | 19Д34 |
| 32S | 25≈51 | 24 X 42 | 20Ƴ31 | 16859 | 17 I I30 | 26≈46 | 25 ¥ 35 | 21 ℃22 | 17850 | 18П24 | 27≈42 | 26 ₩ 28 | 22 Y 13 | 18842 | 19П18 |
| 33S | 25≈59 26≈09 | 24 * 44 | 20 ° 21 | 16840 | 171114 | 26≈55 | 25 ¥ 37 | 21 \(\gamma 1 \) | 17831 | 18日08 | 27≈51 | 26 X 29 | 22Υ02 | 18822 | 19П02 |
| 348 | | 24 ¥ 46 | 20°11 | 16821 | 16 11 58 | 27≈04 | 25 ¥ 39 | 21 \(\partial 01 \) | 17811 | 17II 52 | 27≈59 | 26 ¥ 31 | 21 751 | 18802 | 18 11 45 |
| 35S 36S | 26≈18 26≈27 | 24 X 49 24 X 51 | 20 \cdot 00 19 \cdot 50 | 16 8 01 15 8 41 | 16 I I41 | 27≈13 27≈22 | 25 \ \ 41 25 \ \ 43 | 20 \gamma 50 20 \gamma 39 | 16 8 51 | 17 II 35 | 28≈08 28≈17 | 26 \times 32 26 \times 34 | 21 \gamma 40 21 \gamma 29 | 17842 17821 | 18П28 18П11 |
| 37S | 26≈37 | 24 × 54 | 19 Y 40 | 15821 | 16 I I07 | 27≈31 | 25 × 45 | 20Υ29 | 16811 | 17II 00 | 28≈26 | 26 × 36 | 21 Y 17 | 17801 | 17Д53 |
| 38S | 26≈46 | 24 X 56 | 19Ƴ29 | 15801 | 15П49 | 27≈41 | 25 X 47 | 20 Υ 18 | 15850 | 16Ц42 | 28≈35 | 26 X 37 | 21Υ06 | 16839 | 17Д35 |
| 39S | 26≈56 | 24 X 59 | 19Ƴ19 | 14840 | 15П30 | 27≈51 | 25 X 49 | 20℃07 | 15829 | 16П23 | 28≈45 | 26 ¥ 39 | 20 Υ 55 | 16818 | 17П17 |
| | 27≈06 | 25 × 01 | 19℃08 | 14819 | 15П11 | 28≈00 | 25 ¥ 51 | 19 Y 56 | 15808 | 16耳04 | 28≈54 | 26 × 41 | 20Υ43 | 15856 | 16Д58 |
| 41S 42S | 27≈17 27≈27 | 25 \times 04 25 \times 06 | 18 Ƴ 57 18 Ƴ 46 | 13858 13836 | 14 II 52 14 II 32 | 28≈10 28≈21 | 25 \times 53 25 \times 55 | 19Ƴ44 19Ƴ33 | 14846 14824 | 15 II 45 15 II 25 | 29≈04 29≈14 | 26 \times 42 26 \times 44 | 20 \gamma 31 \\ 20 \gamma 20 | 15 8 34 15 8 12 | 16Д38 16Д18 |
| 43S | 27≈38 | 25 × 09 | 18 Y 35 | 13813 | 14 II 12 | 28 ≈ 31 | 25 X 57 | 19Y21 | 14801 | 15 II 04 | 29≈24 | 26 X 46 | 20 Υ 20 20 Υ 08 | 14849 | 15 II 57 |
| 44S | 27≈49 | 25 ¥ 12 | 18Ƴ24 | 12851 | 13П51 | 28≈42 | 26 ₩ 00 | 19Ƴ10 | 13838 | 14П43 | 29≈35 | 26 ¥ 48 | 19 Y 56 | 14825 | 15Д36 |
| 45S | 28≈00 | 25 ¥ 14 | 18Ƴ12 | 12828 | 13П29 | 28≈53 | 26 ¥ 02 | 18 Y 58 | 13815 | 14П21 | 29≈46 | 26 X 49 | 19 Ƴ 43 | 14801 | 15 🗆 14 |
| 46S | 28≈12 | 25 ¥ 17 | 18Y01 | 12804 | 13 11 06 | 29≈04 | 26 × 04 | 18 Y 46 | 12851 | 13 Д 59 | 29≈56 | 26 × 51 | 19 Y 31 | 13837 | 14П51 |
| 47S 48S | 28≈24 28≈36 | 25 \times 20 25 \times 23 | 17 Ƴ 49 17 Ƴ 37 | 11840 11816 | 12 II 43 12 II 19 | 29≈16 29≈28 | 26 \times 06 26 \times 09 | 18 Ƴ 34 18 Ƴ 21 | 12 8 26 12 8 01 | 13 II 35 13 II 11 | 0 X 08 0 X 19 | 26 \times 53 26 \times 55 | 19 Y 18 19 Y 05 | 13 8 12 12 8 47 | 14П27 14П03 |
| | 28≈48 | 25 H 26 | 17 Y 37 | 10851 | 11 Д 55 | 29≈28 29≈40 | 26 X 11 | 18 Y 21 | 11836 | 12 Д 46 | 0 X 19 | 26 X 57 | 19 Y 03 | 12821 | 13 Д 38 |
| 50S | 29≈01 | 25 ¥ 28 | 17Ƴ13 | 10825 | 11П29 | 29≈52 | 26 ¥ 14 | 17 Y 56 | 11810 | 12 Д 20 | 0 X 43 | 26 X 59 | 18 Y 39 | 11854 | 13 Д 12 |
| 51S | 29≈14 | 25 ¥ 31 | 17≌00 | 9859 | 11 I I02 | 0 ★ 05 | 26 ¥ 16 | 17Ƴ43 | 10843 | 11 Д 54 | 0 ¥ 56 | 27 ¥ 01 | 18Ƴ25 | 11827 | 12П45 |
| 52S | 29≈28 | 25 X 35 | 16℃47 | 9832 | 10П35 | 0 × 18 | 26¥19 | 17 Y 29 | 10815 | 11 Д 26 | 1 X 09 | 27 ¥ 03 | 18 Y 11 | 10859 | 12 П 17 |
| 53S 54S | 29≈42 29≈56 | 25 ¥ 38 | 16 Ƴ 34 16 Ƴ 21 | 9804 8836 | 10II06 9II36 | 0 ¥ 32 0 ¥ 46 | 26 \times 21 26 \times 24 | 17 Υ 16 17 Υ 02 | 9847 9818 | 10П57 10П27 | 1 ¥ 22 1 ¥ 36 | 27 ¥ 05 27 ¥ 07 | 17 Y 57 17 Y 43 | 10830 | 11 II 48 11 II 17 |
| | | 25 ¥ 41 | | 8836 | | | | | | | | | | 10801 | |
| 55S 56S | 0 X 11 0 X 27 | 25 X 44 25 X 47 | 16 ° 07 15 ° 53 | 8 8 06 7 8 36 | 9П05 8П32 | 1 X 01 1 X 16 | 26 \times 27 26 \times 29 | 16Ƴ48 16Ƴ33 | 8848 8818 | 9П55 9П22 | 1 ¥ 50 2 ¥ 05 | 27 ¥ 09 27 ¥ 11 | 17 ° 28 17 ° 13 | 9 8 31 | 10П45 10П12 |
| 57S | 0 X 43 | 25 × 51 | 15 Y 39 | 7805 | 7II 58 | 1 X 31 | 26 × 32 | 16 Y 18 | 7 8 46 | 8П48 | 2 × 20 | 27 X 14 | 16°°57 | 8827 | 9Д38 |
| 58S | 1 ¥ 00 | 25 X 54 | 15Ƴ25 | 6834 | 7П23 | 1 X 48 | 26¥35 | 16 Y 03 | 7814 | 81112 | 2 X 36 | 27 ¥ 16 | 16 Y 41 | 7854 | 9п01 |
| 59S | 1 X 17 | 25 ¥ 58 | 15 ℃ 10 | 6801 | 6П46 | 2 ¥ 05 | 26 ¥ 38 | 15Ƴ47 | 6841 | 7П34 | 2 X 52 | 27 X 19 | 16 Y 25 | 7820 | 8П23 |
| 60S | 1 X 35 | 26 × 02 | 14°754 | 5827 | 6П06 | 2 X 22 | 26 × 41 | 15 ° 31 | 6806 | 6Д55 | 3 × 09 | 27 ¥ 21 | 16Y09 | 6845 | 7Д43 |
| 61S 62S | 1 ¥ 54 2 ¥ 13 | 26 \times 06 26 \times 10 | 14 Ƴ 39 14 Ƴ 22 | 4852 4816 | 5 II 25 4 II 42 | 2 X 40 2 X 59 | 26 \times 45 26 \times 48 | 15 Y 15 14 Y 58 | 5830 4854 | 6П13 5П29 | 3 ¥ 27 3 ¥ 45 | 27 ¥ 24 27 ¥ 26 | 15 \gamma 52 15 \gamma 34 | 6809 5831 | 7Д01 6Д17 |
| 63S | 2 X 13 | 26 X 14 | 14 Y 22 14 Y 06 | 3839 | 3 II 56 | 3 X 19 | 26 X 51 | 14 Y 38 | 4816 | 3 II 2 9 4 II 4 3 | 4 X 05 | 27 X 29 | 15 Y 16 | 4853 | 5Д30 |
| 64S | 2 X 55 | 26 × 18 | 13℃49 | 3800 | 3п08 | 3 × 40 | 26 X 55 | 14Υ23 | 3836 | 3 Д 54 | 4¥25 | 27 × 32 | 14 Y 57 | 4812 | 4 I 141 |
| 65S | 3 ∺ 18 | 26 ¥ 22 | 13Ƴ31 | 2820 | 2П17 | 4 ∺ 02 | 26 ¥ 58 | 14Ƴ05 | 2855 | 3п03 | 4 X 46 | 27 ¥ 35 | 14 Y 38 | 3830 | 3П48 |
| 66S | 3 X 41 | 26 X 27 | 13 ℃ 13 | 1838 | 1 п 22 | 4 ¥ 25 | 27 ¥ 02 | 13 ℃ 45 | 2812 | 2п08 | 5 X 08 | 27 ¥ 38 | 14Υ18 | 2847 | 2Д53 |
| pc | 3 X 55 | 26 X 29 | 13 ℃ 02 | 1814 | 0Д51 | 4 ¥ 38 | 27 X 04 | 13 ℃ 35 | 1848 | 1Д35 | 5 X 21 | 27 X 39 | 14 ℃ 07 | 2822 | 2П20 |

| | Sid.Tir MC: | | 48m A 303'19 | RMC: 2 | 97°00' | Sid.Tir MC: | | 52m A 500'17 | RMC: 2 | 298°00' | Sid.Tir MC: | ne: 19h: 26궁 | 56m A 57'23 | RMC: 2 | 299°00' |
|------------|--|--|--|----------------------------------|------------------------------------|--|--|-------------------------------------|----------------------------------|----------------------|--|--|----------------------------------|----------------------------------|----------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 24≈42 | 26 X 43 | 29Ƴ02 | 29812 | 27П14 | 25≈44 | 27 X 49 | 0805 | 0п10 | 28П09 | 26≈46 | 28 X 54 | 1808 | 1п07 | 29П04 |
| 1S | 24≈49 | 26 X 45 | 28 Y 50 | 28854 | 27Ⅲ02 | 25≈51 | 27 X 50 | 29 Y 52 | 29852 | 27II 57 | 26≈53 | 28 X 55 | 0 8 55 | 0П49 | 28П53 |
| 2S | 24≈57 | 26 X 46 | 28 Y 38 | 28836 | 26 II 50 | 25≈58 | 27 × 50 | 29Υ40 | 29833 | 27 11 46 | 27≈00 | 28 X 55 | 0842 | 0Д31 | 28П41 |
| 3S 4S | 25≈04 25≈11 | 26 X 47 26 X 48 | 28 Y 26 28 Y 14 | 28 8 18 28 8 00 | 26 II 39 26 II 27 | 26≈05 26≈12 | 27 X 51 27 X 52 | 29 \cdot 27 29 \cdot 15 | 29 8 15 28 8 57 | 27 II 34 27 II 22 | 27≈07 27≈14 | 28 ¥ 55 28 ¥ 56 | 0829 0816 | 0П12 29 8 54 | 28 II 29 28 II 17 |
| - 1 | | | | | | | | | | | | | | | |
| 5S 6S | 25≈18 25≈25 | 26 \times 50 26 \times 51 | 28 \(\cdot 02 \) 27 \(\cdot 50 \) | 27843 27825 | 26 II 15 26 II 03 | 26≈19 26≈26 | 27 ¥ 53 27 ¥ 54 | 29 \(\cdot 03 \) 28 \(\cdot 51 \) | 28 8 39 28 8 22 | 27 II 10 26 II 58 | 27≈21 27≈27 | 28 ¥ 56 28 ¥ 57 | 0804 29Ƴ51 | 29836 29818 | 28 II 05 27 II 53 |
| 7S | 25≈23 25≈32 | 26 X 52 | 27 Y 39 | 27823 | 25 II 51 | 26≈33 | 27 X 54 | 28 Y 39 | 28804 | 26 II 46 | 27≈27 27≈34 | 28 X 57 | 29 Y 31 | 29800 | 27 II 33 |
| 8S | 25≈40 | 26 × 53 | 27 Y 27 | 26850 | 25 II 38 | 26≈40 | 27 X 55 | 28Y27 | 27846 | 26 Д 33 | 27≈41 | 28 X 57 | 29°27 | 28842 | 27 Д 28 |
| 9S | 25≈47 | 26 X 54 | 27 Ƴ 16 | 26832 | 25II26 | 26≈47 | 27 X 56 | 28Ƴ16 | 27828 | 26П21 | 27≈48 | 28 ¥ 58 | 29Ƴ15 | 28824 | 27П16 |
| 10S | 25≈54 | 26 X 56 | 27Ƴ05 | 26814 | 25П14 | 26≈54 | 27 X 57 | 28Ƴ04 | 27810 | 26П09 | 27≈54 | 28 X 58 | 29Ƴ03 | 28806 | 27П04 |
| 11S | 26≈01 | 26 X 57 | 26Ƴ54 | 25857 | 25 II 02 | 27≈01 | 27 ¥ 58 | 27 Y 52 | 26853 | 25 Д 57 | 28≈01 | 28 X 59 | 28 Y 51 | 27848 | 26П52 |
| 12S | 26≈08 | 26 X 58 | 26Ƴ42 | 25839 | 24П50 | 27≈08 | 27 ¥ 58 | 27 Ƴ 41 | 26835 | 25 11 44 | 28≈08 | 28 X 59 | 28 Ƴ 39 | 27830 | 26П39 |
| 13S | 26≈15 | 26 × 59 | 26Y31 | 25822 | 24 11 37 | 27≈15 | 27 × 59 | 27 ° 29 | 26817 | 25 II 32 | 28≈15 | 28 X 59 | 28 Y 27 | 27812 | 26II27 |
| 14S | 26≈22 | 27 ¥ 00 | 26℃20 | 25804 | 241125 | 27≈22 | 28 ¥ 00 | 27 Ƴ 18 | 25859 | 25 П 19 | 28≈21 | 29 ₩ 00 | 28Ƴ16 | 26855 | 26П14 |
| 15S | 26≈29 26 26 | 27 × 01 | 26Υ09 | 24846 | 24 II 12 23 II 59 | 27≈29 | 28 × 01 | 27Υ07 | 25842 | 25 II 07 | 28≈28 | 29 ¥ 00 | 28°°04 | 26837 | 26 II 02 25 II 49 |
| 16S 17S | 26≈36 26≈44 | 27 \times 02 27 \times 04 | 25 \ \cdot 58 \\ 25 \ \cdot 48 | 24829 24811 | 23 II 39 23 II 46 | 27≈36 27≈43 | 28 ¥ 01 28 ¥ 02 | 26 \gamma 55 26 \gamma 44 | 25 8 24 25 8 06 | 24 II 54 24 II 41 | 28≈35 28≈42 | 29 ¥ 00 29 ¥ 01 | 27 Υ 52 27 Υ 41 | 26 8 18 26 8 00 | 25 II 49 25 II 36 |
| 17S | 26≈51 | 27 X 04 | 25 Y 37 | 23853 | 23 II 33 | 27≈43 27≈50 | 28 × 02 | 26 Y 33 | 24848 | 24 II 28 | 28≈42 28≈49 | 29 X 01 | 27 Y 29 | 25842 | 25 II 30 25 II 23 |
| 19S | 26≈58 | 27 × 06 | 25Y26 | 23836 | 23 П 20 | 27≈57 | 28 × 04 | 26Y22 | 24830 | 24 Д 15 | 28≈56 | 29 × 02 | 27 Y 17 | 25824 | 25 II 10 |
| 20S | 27≈05 | 27 X 07 | 25Ƴ15 | 23818 | 23 Д 07 | 28≈04 | 28 ¥ 04 | 26 Y 10 | 24812 | 24П02 | 29≈02 | 29 ¥ 02 | 27Ƴ06 | 25806 | 24П56 |
| 21S | 27≈13 | 27 ¥ 08 | 25 Y 04 | 23800 | 22 Д 54 | 28≈11 | 28 × 05 | 25Υ59 | 23853 | 23 Д 48 | 29≈09 | 29 × 02 | 26°754 | 24847 | 24П43 |
| 22S | 27≈20 | 27 X 09 | 24⋎53 | 22842 | 22 11 40 | 28≈18 | 28 X 06 | 25Ƴ48 | 23835 | 23 Д 35 | 29≈16 | 29 X 03 | 26Ƴ43 | 24829 | 24П29 |
| 238 | 27≈28 | 27 × 10 | 24°Y42 | 22823 | 22 II 26 | 28≈26 | 28 X 07 | 25 Y 37 | 23817 | 23 Д 21 | 29≈23 | 29 X 03 | 26Y31 | 24810 | 24 II 15 |
| 24S | 27≈35 | 27 ¥ 11 | 24Ƴ32 | 22805 | 22П12 | 28≈33 | 28 ¥ 07 | 25℃26 | 22858 | 23 Д 07 | 29≈31 | 29 ¥ 03 | 26Ƴ19 | 23851 | 24用01 |
| 25S | 27≈43 | 27 X 13 | 24Υ21 | 21847 | 21 Д 58 | 28≈40 | 28 ¥ 08 | 25Υ14 | 22839 | 22 11 53 | 29≈38 | 29 × 04 | 26Υ08 | 23832 | 23 Д 47 |
| 26S 27S | 27≈50 27≈58 | 27 X 14 27 X 15 | 24 ° 10 23 ° 59 | 21828 21809 | 21 II 44 21 II 29 | 28≈48 28≈55 | 28 ¥ 09 28 ¥ 10 | 25 \(\cdot 03 \) 24 \(\cdot 52 \) | 22821 22802 | 22 II 38 22 II 23 | 29≈45 29≈52 | 29 \times 04 29 \times 05 | 25 \gamma 56 25 \gamma 44 | 23 8 13 22 8 54 | 23 II 33 23 II 18 |
| 28S | 28≈06 | 27 X 13 | 23 Y 48 | 20850 | 21 II 29 21 II 14 | 28≈33 29≈03 | 28 X 10 | 24 Y 32 | 21842 | 22 II 23 22 II 09 | 0 X 00 | 29 X 05 | 25 Y 33 | 22835 | 23 II 18 |
| 29S | 28≈14 | 27 × 17 | 23 Y 37 | 20831 | 20П59 | 29≈10 | 28 X 11 | 24Y29 | 21823 | 21 Д 53 | 0 × 07 | 29 × 05 | 25Υ21 | 22815 | 22 II 48 |
| 30S | 28≈22 | 27 X 18 | 23 ℃ 26 | 20812 | 20П44 | 29≈18 | 28 ¥ 12 | 24 Y 18 | 21804 | 21 Д 38 | 0 X 15 | 29 ¥ 06 | 25Ƴ09 | 21855 | 22 Д 32 |
| 31S | 28≈30 | 27 × 19 | 23 Y 15 | 19852 | 20II28 | 29≈26 | 28 × 13 | 24Υ06 | 20844 | 21 Д 22 | 0 × 22 | 29 × 06 | 24Y57 | 21835 | 22 Д 16 |
| 32S | 28≈38 | 27 ¥ 21 | 23 ℃ 04 | 19833 | 20П12 | 29≈34 | 28 ¥ 14 | 23 Y 54 | 20824 | 21 Д 06 | 0 X 30 | 29 ¥ 07 | 24Ƴ45 | 21815 | 22П00 |
| 33S | 28≈46 | 27 ¥ 22 | 22°752 | 19813 | 19П56 | 29≈42 | 28 X 14 | 23 Y 43 | 20804 | 20 Д 50 | 0 X 38 | 29 × 07 | 24 Y 33 | 20854 | 21 П 44 |
| 34S | 28≈55 | 27 ¥ 23 | 22 Ƴ 41 | 18852 | 19П39 | 29≈50 | 28 ¥ 15 | 23 Y 31 | 19843 | 20П33 | 0 X 46 | 29 ¥ 07 | 24Ƴ21 | 20834 | 21 Д27 |
| 35S | 29≈03 | 27 X 24 | 22Υ30 | 18832 | 19П22 | 29≈59 | 28 × 16 | 23Υ19 | 19822 | 20П16 | 0 X 54 | 29 × 08 | 24 Y 09 | 20812 | 21 Д 10 |
| 36S 37S | 29≈12 29≈21 | 27 ¥ 25 27 ¥ 27 | 22 \mathbb{\gamma}18 22 \mathbb{\gamma}06 | 18 8 11 17 8 50 | 19 I I05 18 I I47 | 0 X 07 0 X 16 | 28 X 17 28 X 18 | 23 \cdot 07 22 \cdot 55 | 19801 18840 | 19 II 59 19 II 41 | 1 X 02 1 X 11 | 29 ¥ 08 29 ¥ 09 | 23 \gamma 57 23 \gamma 44 | 19 8 51 19 8 29 | 20 II 52 20 II 34 |
| 38S | 29≈30 | | | | 18П29 | | 28 X 18 | 1 | | | 1 X 19 | | 23 Y 31 | | |
| 39S | 29≈39 | 27 ¥ 29 | 21 Y 43 | 17807 | 18П10 | 0 X 33 | 28 X 19 | 22Υ31 | 17856 | 19П03 | 1 X 28 | 29 × 09 | 23Υ19 | 18845 | 19П57 |
| 40S | 29≈48 | 27 X 30 | 21 Y 31 | 16845 | 17Д51 | 0 X 43 | 28 ¥ 20 | 22 Y 18 | 17834 | 18П44 | 1 X 37 | 29 X 10 | 23Ƴ06 | 18822 | 19П38 |
| 41S | 29≈58 | 27 ¥ 32 | 21Υ19 | 16822 | 17Д31 | 0 × 52 | 28 ¥ 21 | 22Υ06 | 17811 | 18П24 | 1 X 46 | 29 × 10 | 22 Y 53 | 17859 | 19П18 |
| 42S | 0 ₩ 08 | 27 ¥ 33 | 21 Y 06 | 16800 | 17 I 11 | 1 X 01 | 28 ¥ 22 | 21 Y 53 | 16848 | 18耳04 | 1 X 55 | 29 X 11 | 22Ƴ40 | 17835 | 18П57 |
| 43S | 0 X 18 | 27 × 34 | 20Υ54 | 15836 | 16 11 50 | 1 X 11 | 28 ¥ 23 | 21 γ 40 | 16824 | 17Д43 | 2 × 04 | 29 X 11 | 22Y26 | 17811 | 18П36 |
| 44S | 0 X 28 | 27 X 36 | 20 ℃ 41 | 15812 | 161128 | 1 X 21 | 28 ¥ 24 | 21 ° 27 | 16800 | 17П21 | 2 X 14 | 29 X 12 | 22 ⋎ 13 | 16847 | 18П14 |
| 45S | 0 × 38 | 27 × 37 | 20Υ29 | 14848 | 16II 06 | 1 X 31 | 28 ¥ 24 | 21 7 14 | 15835 | 16 Д 59 | 2 X 24 | 29 X 12 | 21Υ59 | 16822 | 17II 52 |
| 46S 47S | 0 X 49 1 X 00 | 27 ¥ 38 27 ¥ 40 | 20 \gamma 16 20 \gamma 02 | 14 8 24 13 8 58 | 15 II 43 15 II 20 | 1 X 41 1 X 52 | 28 ¥ 25 28 ¥ 26 | 21 Υ 00 20 Υ 47 | 15 8 10 14 8 44 | 16 II 36 16 II 12 | 2 X 34 2 X 44 | 29 X 12 29 X 13 | 21 \gamma 45 21 \gamma 31 | 15 8 56 15 8 30 | 17П29 17П05 |
| 48S | 1 X 11 | 27 X 41 | 19 Y 49 | 13832 | 14 II 55 | 2 X 03 | 28 X 27 | 20 Υ 47 20 Υ 33 | 14818 | 15 II 47 | 2 1 3 1 3 1 5 5 | 29 X 13 | $21 \Upsilon 17$ | 15804 | 16 I I40 |
| 49S | 1 X 23 | 27 X 43 | 19Υ35 | 13806 | 14П30 | 2 X 14 | 28 ¥ 28 | 20Υ19 | 13851 | 15 Д 22 | 3 ¥ 06 | 29 X 14 | 21Υ°02 | 14836 | 16П14 |
| 50S | 1 X 34 | 27 X 44 | 19Ƴ22 | 12839 | 14 I I04 | 2 X 26 | 28 ¥ 29 | 20 Y 04 | 13824 | 14П55 | 3 × 17 | 29 X 14 | 20Ƴ47 | 14808 | 15 Д 47 |
| 51S | 1 X 47 | 27 X 45 | 19Ƴ07 | 12811 | 13 Д 36 | 2 X 37 | 28 ¥ 30 | 19 Ƴ 50 | 12855 | 14П28 | 3 ∺ 28 | 29 X 15 | 20Ƴ32 | 13840 | 15П20 |
| 52S | 1 X 59 | 27 × 47 | 18 Y 53 | 11843 | 13 11 08 | 2 ¥ 50 | 28 ¥ 31 | 19 Y 35 | 12826 | 13 Д 59 | 3 ¥ 40 | 29 ¥ 15 | 20 Υ 17 | 13810 | 141151 |
| 53S | 2 X 12 | 27 × 49 | 18Y38 | 11814 | 12 II 39 | 3 ¥ 02 | 28 ¥ 32 | 19 7 20 | 11857 | 13 Д 30 | 3 X 52 | 29 ¥ 16 | 20°701 | 12840 | 14 II 21 |
| 548 | 2 ¥ 25 | 27 ¥ 50 | 18 ℃ 23 | 10844 | 12 11 08 | 3 X 15 | 28 ¥ 33 | 19°04 | 11826 | 12 Д 59 | 4¥05 | 29 X 16 | 19 ° 45 | 12809 | 13 11 50 |
| 55S | 2 ¥ 39 | 27 ¥ 52 27 ¥ 53 | 18 ⋎ 08 17 ⋎ 52 | 10813 | 11 II 36 | 3 X 29 | 28 ¥ 34 28 ¥ 35 | 18 Y 48 | 10855 10823 | 12 II II 53 | 4 X 18 | 29 X 17 29 X 17 | 19Y28 | 11837 11804 | 13 II 17 12 II 43 |
| 56S 57S | 2 X 54 3 X 08 | 27 X 53 | 17\%32 17\%36 | 9841 9808 | 11 II 03 10 II 28 | 3 X 42 3 X 57 | 28 ± 35 28 ± 37 | 18 Ƴ 32 18 Ƴ 15 | 9850 | 11 II 53 11 II 17 | 4 X 31 4 X 45 | 29 X 17 29 X 18 | 19 Υ 12 18 Υ 54 | 10831 | 12 II 43 12 II 08 |
| 58S | 3 X 24 | 27 X 57 | 17Υ20 | 8 8 35 | 9П51 | 4 × 12 | 28 × 38 | 17Υ58 | 9815 | 10Д41 | 5 + 00 | 29 X 19 | 18 Y 37 | 9856 | 11 Д 30 |
| 59S | 3 × 40 | 27 X 59 | 17Υ03 | 8800 | 9п12 | 4 ¥ 27 | 28 X 39 | 17℃41 | 8840 | 10 п 02 | 5 × 15 | 29 X 19 | 18Υ19 | 9820 | 10П51 |
| 60S | 3 ¥ 56 | 28 ¥ 01 | 16Ƴ46 | 7824 | 8П32 | 4 ¥ 43 | 28 ¥ 40 | 17Ƴ23 | 8804 | 9П21 | 5 X 30 | 29 ¥ 20 | 18 Y 00 | 8843 | 10П10 |
| 61S | 4 ∺ 13 | 28 ¥ 03 | 16℃28 | 6847 | 7 I I50 | 5 ∺ 00 | 28 X 42 | 17 ⋎ 04 | 7826 | 8Д38 | 5 ¥ 47 | 29 X 21 | 17Ƴ41 | 8804 | 9п27 |
| 62S | 4 × 31 | 28 X 05 | 16 Y 10 | 6809 | 7П05 | 5 X 18 | 28 X 43 | 16 Y 46 | 6847 | 7Д53 | 6 ∺ 04 | 29 X 21 | 17℃21 | 7825 | 8Д41 |
| 63S | 4 X 50 | 28 × 07 | 15Υ51 | 5829 | 6Ц18 | 5 X 36 | 28 🗙 44 | 16Υ26 | 6806 | 7Д05 | 6¥21 | 29 X 22 | 17Υ01 | 6843 | 7 II 52 |
| 64S | 5 X 10 | 28 ¥ 09 | 15 Y 32 | 4848 | 5П28 | 5 X 55 | 28 🔾 46 | 16Y06 | 5825 | 6П14 | 6¥40 | 29 ¥ 23 | 16 Y 40 | 6801 | 7 I 101 |
| 65S | 5 X 30 | 28 X 11 | 15°Y 12 | 4806 | 4H35 | 6 X 15 | 28 X 47 | 15°°45 | 4841 | 5П21 | 6 X 59 | 29 ¥ 23 | 16Y19 | 5817 | 6H07 |
| 66S | 5 X 52 | 28 X 13 | 14 Y 51 | 3822 | 3Д38 | 6 X 36 | 28 X 49 | 15 Ƴ 24 | 3856 | 4 II 24 | 7 X 19 | 29 X 24 | 15 ⋎ 57 | 4831 | 5II 09 |
| рс | 6 × 05 | 28 X 14 | 14Ƴ39 | 2856 | 3 II 05 | 6 X 48 | 28 X 49 | 15 Υ 12 | 3830 | 3П50 | 7 ∺ 31 | 29 X 24 | 15Ƴ44 | 4804 | 4II36 |

| | Sid.Tin MC: | | 00m A 54'38 | 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 | 0900 | 28≈51 | 1 ℃ 05 | 3813 | 3 Д 02 | 0955 | 29≈54 | 2 7 10 | 4815 | 3П59 | 1950 |
| 1S | 27≈55 | 0Υ00 | 1857 | 1耳46 | 29П48 | 28≈58 | 1 ℃ 04 | 2859 | 2П43 | 0ഇ43 | 0 X 00 | 2℃09 | 4801 | 3П40 | 1 5 3 8 |
| 2S | 28≈02 | 0Υ00 | 1844 | 1耳28 | 29П36 | 29≈04 | 1 ℃ 04 | 2845 | 2П25 | 0ഇ31 | 0 X 07 | 2℃09 | 3847 | 3 Д 22 | 1 5 2 6 |
| 3S | 28≈09 | 0Υ00 | 1830 | 1П09 | 29П24 | 29≈11 | 1Υ04 | 2832 | 2П06 | 0919 | 0 X 13 | 2Υ08 | 3833 | 3П03 | 19514 |
| 4S | 28≈15 | 0 Υ 00 | 1817 | 0П51 | 29П12 | 29≈17 | 1Υ03 | 2818 | 1П48 | 0907 | 0 X 19 | 2 ℃ 07 | 3819 | 2П44 | 1992 |
| 5S | 28≈22 | 0Υ00 | 1805 | 0Д33 | 29П00 | 29≈24 | 1Υ03 | 2805 | 1П29 | 29П55 | 0 X 25 | 2Υ06 | 3806 | 2П26 | 0ණ50 |
| 6S | 28≈29 | 0Υ00 | 0852 | 0П15 | 28 11 48 | 29≈30 | 1 Υ 02 | 1852 | 1111 | 29 Д 43 | 0 × 32 | 2Υ05 | 2852 | 2П07 | 0938 |
| 7S 8S | 28≈35 28≈42 | 0°00 0°00 | 0839 0827 | 29 8 56 29 8 38 | 28 II 36 28 II 23 | 29≈36 29≈43 | 1 Y 02 1 Y 02 | 1839 1826 | 0П53 0П34 | 29 II 31 29 II 18 | 0 X 38 0 X 44 | 2 Y 05 2 Y 04 | 2839 2825 | 1 II 49 1 II 30 | 0 9 26 |
| | 28≈48 28≈48 | 0Υ00 | 0827 | 29820 | 28 II 11 | 29≈49 29≈49 | 1 γ 02 1 γ 01 | 1813 | 0Д34 | 29П06 | 0 X 50 | 2 Υ 04 2 Υ 03 | 2812 | 1 п 12 | 0914 |
| 10S | 28≈55 | 0Υ00 | 0802 | 29802 | 27П59 | 29≈56 | 1Υ01 | 1801 | 29858 | 28 Д 54 | 0 × 56 | 2 7 02 | 1859 | 0П53 | 29П49 |
| 11S | 29≈01 | 0Υ00 0Υ00 | 29°Y49 | 28844 | 27 II 39 27 II 47 | 0 × 02 | 1 Υ 01 1 Υ 00 | 0848 | 29840 | 28 II 42 | 1 X 03 | 2 Υ 02 2 Υ 01 | 1846 | 0Д35 | 29 Д 37 |
| 12S | 29≈08 | 0Υ00 | 29Υ37 | 28826 | 27 II 34 | 0 × 08 | 1 γ 00 | 0835 | 29821 | 28 Д 29 | 1 X 09 | 2Υ01 | 1833 | 0П17 | 29 П 24 |
| 13S | 29≈15 | 0Υ00 | 29Y25 | 28808 | 27 Д 22 | 0 X 15 | 1 Υ 00 | 0823 | 29803 | 28 Д 17 | 1 X 15 | 2Υ00 | 1820 | 29858 | 29 Д 12 |
| 14S | 29≈21 | 0 Υ 00 | 29 Y 13 | 27850 | 27П09 | 0 X 21 | 0 Υ 59 | 0810 | 28845 | 28耳04 | 1 X 21 | 1 ℃ 59 | 1808 | 29840 | 28Д59 |
| 15S | 29≈28 | 0Υ00 | 29 Y 01 | 27831 | 26П56 | 0 × 28 | 0Υ59 | 29 Y 58 | 28826 | 27Д51 | 1 X 27 | 1 ℃ 58 | 0855 | 29821 | 28П46 |
| 16S | 29≈34 | 0Υ00 | 28 Ƴ 49 | 27813 | 26П44 | 0 X 34 | 0Υ59 | 29Υ46 | 28808 | 27 Д 39 | 1 X 34 | 1Υ58 | 0842 | 29802 | 28П33 |
| 17S | 29≈41 | 0Υ00 | 28 Ƴ 37 | 26855 | 26П31 | 0 X 40 | 0Υ58 | 29 Y 33 | 27849 | 27П26 | 1 ¥ 40 | 1 7 5 7 | 0829 | 28844 | 28П21 |
| 18S | 29≈48 | 0Υ00 | 28Y25 | 26837 | 26 Д 18 | 0 X 47 | 0Υ58 | 29Υ21 | 27831 | 27 Д 13 | 1 X 46 | 1Υ56 | 0817 | 28825 | 28 п 07 |
| 19S | 29≈54 | 0Υ00 | 28 Ƴ 13 | 26818 | 26П04 | 0 X 53 | 0 ℃ 57 | 29Ƴ09 | 27812 | 26П59 | 1 X 52 | 1 7 5 5 | 0804 | 28806 | 27Ⅲ54 |
| 20S | 0 X 01 | 0Υ00 | 28Υ01 | 26800 | 25П51 | 1 X 00 | 0Υ57 | 28Υ56 | 26853 | 26耳46 | 1 X 59 | 1 7 5 5 | 29Υ51 | 27847 | 27II41 |
| 21S 22S | 0 ¥ 08 0 ¥ 15 | 0Υ00 0Υ00 | 27 Y 49 27 Y 37 | 25 8 41 25 8 22 | 25 II 38 25 II 24 | 1 X 06 1 X 13 | 0°757 0°756 | 28 \gamma 44 28 \gamma 32 | 26 8 35 26 8 16 | 26 II 32 26 II 19 | 2 X 05 2 X 12 | 1 ° 54 1 ° 53 | 29Ƴ39 29Ƴ26 | 27828 27809 | 27 Д 27 27 Д 13 |
| 23S | 0 X 13 | 0Υ00 0Υ00 | 27 Y 25 | 25803 | 25 II 10 | 1 X 13 | 0Υ36 0Υ56 | 28 Y 19 | 25857 | 26 II 19 26 II 05 | 2 X 12 | 1 Y 53 | 29 Y 20 29 Y 13 | 26850 | 26II 59 |
| 24S | 0 × 28 | 0Υ00 | 27Υ13 | 24844 | 24 II 56 | 1 X 26 | 0Υ56 | 28 Y 07 | 25837 | 25 II 51 | 2 X 24 | 1 γ 52 | 29Υ01 | 26830 | 26 II 45 |
| 25S | 0 X 35 | 0Υ00 | 27 Y 01 | 24825 | 24П42 | 1 X 33 | 0Υ55 | 27 Y 55 | 25818 | 25 Д 36 | 2 X 31 | 1 7 5 1 | 28Ƴ48 | 26811 | 26Д31 |
| 26S | 0 X 33 | 0Υ00 0Υ00 | 26°Y49 | 24823 | 24 II 42 24 II 27 | 1 X 33 | 0Υ55 | 27 Y 42 | 24858 | 25 II 20 25 II 22 | 2 X 31 | 1 Y 51 1 Y 50 | 28 Y 35 | 25851 | 26 II 16 |
| 27S | 0 × 50 | 0Υ00 | 26°737 | 23846 | 24 II 12 | 1 X 47 | 0Υ54 | 27Υ30 | 24839 | 25 II 07 | 2 X 44 | 1Υ49 | 28Y23 | 25831 | 26月01 |
| 28S | 0 X 57 | 0Υ00 | 26℃25 | 23827 | 23 Д 57 | 1 X 54 | 0Υ54 | 27 Ƴ 17 | 24819 | 24II52 | 2 X 51 | 1 ℃ 49 | 28 ℃ 10 | 25811 | 25 Д 46 |
| 29S | 1 X 04 | 0Υ00 | 26Y13 | 23807 | 23 11 42 | 2 ¥ 01 | 0Υ54 | 27℃05 | 23859 | 24П36 | 2 X 58 | 1 ℃ 48 | 27 Ƴ 57 | 24851 | 25 Д 31 |
| 30S | 1 X 11 | 0 Υ 00 | 26 Y 01 | 22847 | 23 Д 26 | 2 × 08 | 0 Υ 53 | 26Ƴ52 | 23838 | 24П21 | 3 X 05 | 1 ℃ 47 | 27Ƴ44 | 24830 | 25 II 15 |
| 31S | 1 X 19 | 0Υ00 | 25Ƴ48 | 22827 | 23 Д 11 | 2 X 15 | 0Υ53 | 26℃40 | 23818 | 24II 05 | 3 X 12 | 1 ℃ 46 | 27 Y 31 | 24809 | 24П59 |
| 32S | 1 X 26 | 0Υ00 | 25Υ36 | 22806 | 22 Д 54 | 2 ¥ 23 | 0Υ52 | 26Y27 | 22857 | 23 11 49 | 3 × 19 | 1 Υ 45 | 27 Υ 18 | 23848 | 24 11 43 |
| 33S 34S | 1 X 34 1 X 42 | 0Υ00 0Υ00 | 25 \cdot 24 25 \cdot 11 | 21845 21824 | 22 II 38 22 II 21 | 2 X 30 2 X 37 | 0 ° 52 0 ° 52 | 26 Y 14 26 Y 01 | 22836 22815 | 23 II 32 23 II 15 | 3 X 26 3 X 33 | 1 ° 45 1 ° 44 | 27℃04 26℃51 | 23 8 27 23 8 05 | 24 II 26 24 II 09 |
| | | | | | | | | | | | | | | | |
| 35S 36S | 1 X 50 1 X 58 | 0°00 0°00 | 24 \cdot 58 24 \cdot 46 | 21803 20841 | 22 II 04 21 II 46 | 2 X 45 2 X 53 | 0°751 0°751 | 25 \gamma 48 25 \gamma 35 | 21853 21831 | 22 II 58 22 II 40 | 3 X 41 3 X 48 | 1 ° 43 1 ° 42 | 26 \gamma 38 26 \gamma 24 | 22843 22821 | 23 II 52 23 II 34 |
| 37S | 2 X 06 | 0Υ00 0Υ00 | 24 Y 40 24 Y 33 | 20841 | 21 II 40 21 II 28 | 3 X 01 | 0Υ51 0Υ50 | 25 Y 22 | 21809 | 22 II 40 22 II 22 | 3 X 48 | 1 γ 42 1 γ 41 | 26Υ10 | 21858 | 23 II 16 |
| 38S | 2 X 14 | | 24Υ20 | | 21 Д 10 | | | 25Υ08 | | | 4 X 04 | | 25°757 | | |
| 39S | 2 ¥ 22 | 0Υ00 | 24Ƴ07 | 19834 | 20П51 | 3 X 17 | 0Υ50 | 24Ƴ55 | 20823 | 21 Д 44 | 4 ∺ 12 | 1 ℃ 40 | 25Ƴ43 | 21812 | 22Д38 |
| 40S | 2 X 31 | 0Υ00 | 23 Y 53 | 19811 | 20П31 | 3 ¥ 25 | 0Υ49 | 24Ƴ41 | 20800 | 21 Д 25 | 4 X 20 | 1 ℃ 39 | 25℃28 | 20848 | 22П18 |
| 41S | 2 X 40 | 0 Υ 00 | 23 ℃ 40 | 18847 | 20П11 | 3 X 34 | 0Υ49 | 24Ƴ27 | 19836 | 21耳04 | 4 ∺ 28 | 1 ℃ 38 | 25 ℃ 14 | 20824 | 21Д58 |
| 42S | 2 X 49 | 0Υ00 | 23Υ26 | 18823 | 19П50 | 3 X 42 | 0Υ48 | 24Υ13 | 19811 | 20П44 | 4 X 36 | 1 1 37 | 25 ℃ 00 | 19859 | 21 Д 37 |
| 438 | 2 X 58 | 0Υ00 | 23 Y 13 | 17859 | 19П29 | 3 X 51 | 0Υ48 | 23 Υ 59 | 18847 | 20 Д 22 | 4 X 45 | 1Υ36 | 24°45 | 19834 | 21 11 16 |
| 44S | 3 × 07 | 0Υ00 | 22Υ59 | 17834 | 19П07 | 4 X 00 | 0Υ48 | 23 ℃ 44 | 18821 | 201100 | 4 ∺ 53 | 1Υ35 | 24 ℃ 30 | 19809 | 20 Д 54 |
| 45S | 3 X 17 | 0Υ00 0Υ00 | 22 \gamma 45 22 \gamma 30 | 17809 | 18 II 45 | 4 X 09 | 0°47 | 23 \gamma 30 23 \gamma 15 | 17856 | 19Д38 | 5 × 02 | 1 Y 35 1 Y 34 | 24 \cdot 15 24 \cdot 00 | 18843 | 20 II 31 20 II 07 |
| 46S 47S | 3 ¥ 26 3 ¥ 36 | 0Υ'00 0Υ'00 | 22°7'30 22°7'16 | 16 8 43 | 18 II 21 17 II 57 | 4 X 19 4 X 29 | 0Ƴ47 0Ƴ46 | 23 \ \(\)15 | 17829 17802 | 19 II 14 18 II 50 | 5 X 12 5 X 21 | 1 \ \gamma 34 \\ 1 \cdot 33 | 24°7'00 23°7'44 | 18 8 16 17 8 48 | 19 Д 43 |
| 48S | 3 X 47 | 0Υ00 0Υ00 | 22 Y 10 | 15849 | 17 Д 37 | 4 X 29 | 0Υ46 | 23 Y 00 22 Y 45 | 16835 | 18里25 | 5 X 21 | 1 Y 33 | 23 Y 28 | 17821 | 19Д43 |
| 49S | 3 X 57 | 0Υ00 | 21 Y 46 | 15821 | 17 I I06 | 4 X 49 | 0Υ45 | 22 Y 29 | 16807 | 17Д59 | 5 × 40 | 1Υ31 | 23 Y 12 | 16852 | 18П51 |
| 50S | 4 X 08 | 0Υ00 | 21 Y 30 | 14853 | 16П39 | 4 X 59 | 0Υ45 | 22 Y 13 | 15838 | 17Д32 | 5¥51 | 1Υ30 | 22 Y 56 | 16823 | 18II 24 |
| 51S | 4 × 19 | 0Υ00 | 21 Υ 14 | 14824 | 16П12 | 5 × 10 | 0Υ44 | 21 Y 57 | 15808 | 17II 04 | 6¥01 | 1 γ 29 | 22 Y 39 | 15853 | 17Д56 |
| 52S | 4 ₩31 | 0 Υ 00 | 20Y58 | 13854 | 15 Д 43 | 5 ∺ 21 | 0Ƴ44 | 21 Y 40 | 14838 | 16耳34 | 6¥12 | 1Ƴ28 | 22Ƴ22 | 15822 | 17Д26 |
| 53S | 4 X 42 | 0Υ00 | 20°Y42 | 13823 | 15 П 12 | 5 X 33 | 0Υ43 | 21 7 23 | 14807 | 16 11 04 | 6¥23 | 1Υ27 | 22°05 | 14850 | 161156 |
| 54S | 4 ¥ 55 | 0Υ00 | 20℃26 | 12852 | 14П41 | 5 X 44 | 0Υ43 | 21 Y 06 | 13835 | 15 Д 32 | 6 ¥ 34 | 1℃26 | 21 ℃ 47 | 14817 | 161124 |
| 55S | 5 × 07 | 0Υ00 | 20Υ08 | 12819 | 14 11 08 | 5 X 57 | 0Υ42 | 20Υ49 | 13802 | 14 Д 59 | 6¥46 | 1Υ25 | 21Υ29 | 13844 | 15 II 50 |
| 56S | 5 ¥ 20 | 0000 | 19Υ51 | 11846 | 13 Д 34 | 6 × 09 | 0Υ42 0Υ41 | 20Υ31 | 12828 | 14 II 24 | 6 X 58 | 1Υ24 | 21Υ10 20Υ51 | 13809 | 15 II 15 |
| 57S 58S | 5 X 34 5 X 48 | 0Υ00 0Υ00 | 19 Ƴ 33 19 Ƴ 15 | 11812 10836 | 12 II 58 12 II 20 | 6 X 22 6 X 36 | 0 ° 41 0 ° 40 | 20 Y 12 19 Y 53 | 11853 11817 | 13 II 48 13 II 10 | 7 X 11 7 X 24 | 1 Y 22 1 Y 21 | 20 ° 51 20 ° 32 | 12 8 34 11 8 57 | 14II 39 |
| 59S | 6 X 02 | 0Υ00 0Υ00 | 18 Y 56 | 10830 | 11 Д41 | 6 X 50 | 0 Υ 40 0 Υ 40 | 19 Y 33 | 10839 | 12 Д 30 | 7 X 24 | 1 γ 21 1 γ 20 | 20 Y 32 20 Y 12 | 11837 | 13 Д 20 |
| 60S | 6 X 18 | 0Υ00 | 18 ° 37 | 9822 | 10П59 | 7 ¥ 05 | 0Υ39 | 19Υ14 | 10801 | 11 Д 48 | 7 X 52 | 1Υ19 | 19 Y 51 | 10840 | 12 Д 38 |
| 61S | 6 X 33 | 0Υ00 0Υ00 | 18 Y 17 | 8843 | 10Д39 | 7 X 03 | 0Υ39 0Υ38 | 19 Y 14 | 9821 | 11 11 04 | 8 X 07 | 1 Υ 19 1 Υ 17 | 19 Y 31 19 Y 30 | 10840 | 11 Д 53 |
| 62S | 6 X 50 | 0Υ00 | 17 Y 57 | 8802 | 9П29 | 7 X 36 | 0Υ38 | 18 Y 33 | 8840 | 10月17 | 8 X 22 | 1Υ16 | 19Y08 | 9818 | 11 11 06 |
| 63S | 7 ∺ 07 | 0Υ00 | 17Ƴ36 | 7820 | 8П40 | 7 ¥ 52 | 0Υ37 | 18 Y 11 | 7857 | 9п28 | 8 X 38 | 1 1 15 | 18Ƴ46 | 8834 | 10 I I16 |
| 64S | 7 ∺ 25 | 0 Υ 00 | 17Ƴ15 | 6837 | 7Ц48 | 8 X 10 | 0Υ36 | 17Ƴ49 | 7 8 13 | 8Д36 | 8¥55 | 1 1 13 | 18Ƴ23 | 7 8 49 | 9П23 |
| | | | 1.000.50 | 5450 | 6П54 | 8 X 28 | 0Υ36 | 17 Y 26 | 6827 | 7П40 | 9 X 12 | 1Υ12 | 17Ƴ59 | 7 8 03 | 8П27 |
| 65S | 7 ∺ 43 | 0Υ00 | 16 Y 52 | 5852 | | | | | | | | | | | |
| 65S 66S pc | 7 X 43 8 X 03 8 X 15 | 0 Y 00 0 Y 00 0 Y 00 | 16 γ 32 16 γ 30 16 γ 16 | 5805 4838 | 5 II 55 5 II 21 | 8 X 47 8 X 58 | 0Υ35 0Υ35 | 17Υ02 16Υ49 | 5840 5812 | 6П41 6П06 | 9 X 31 9 X 41 | 1Υ10 1Υ10 | 17 Ƴ 35 17 Ƴ 21 | 6814 5846 | 7Д27 6Д52 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | ne: 20h 0≈4 | | RMC: 3 | 03°00' | Sid.Tin MC: | | 16m A 5'05 | RMC: 3 | 304°00' | Sid.Tir MC: | | 20m A 3'04 | RMC: 3 | 305°00 |
|-------------------|--|--------------------------------|----------------------------------|----------------------------------|----------------------|--|--------------------------------|-----------------------------------|----------------------------------|------------------------|--|------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0 X 57 | 3Υ16 | 5817 | 4П56 | 2945 | 2 ¥ 00 | 4 Υ 21 | 6819 | 5Д53 | 3540 | 3 ¥ 03 | 5Υ26 | 7821 | 6П50 | 4935 |
| 1S | 1 X 03 | 3 ⋎ 14 | 5802 | 4 I I37 | 2533 | 2 X 06 | 4 Υ 19 | 6804 | 5Ц34 | 3528 | 3 X 09 | 5Υ24 | 7805 | 6Д31 | 4922 |
| 2S | 1 X 09 | 3Υ13 | 4848 | 4П18 | 2921 | 2 ¥ 12 | 4Υ18 | 5849 | 5П15 | 3516 | 3 X 15 | 5Υ22 | 6850 | 6П11 | 491 |
| 3S 4S | 1 X 15 1 X 21 | 3Υ12 3Υ11 | 4834 4820 | 3П59 3П41 | 2©09 1©57 | 2 X 18 2 X 24 | 4Υ16 4Υ14 | 5835 5820 | 4П56 4П37 | 3504 2552 | 3 X 20 3 X 26 | 5Υ20 5Υ18 | 6835 6821 | 5П52 5П33 | 3 ඉ 5 3 ඉ 4 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 1 × 27 1 × 33 | 3Υ09 3Υ08 | 4806 3852 | 3 II 22 3 II 03 | 1 ഉ 45 1 ഉ 33 | 2 ¥ 29 2 ¥ 35 | 4Υ13 4Υ11 | 5806 4852 | 4П18 3П59 | 2540 2528 | 3 \times 32 3 \times 37 | 5Υ16 5Υ14 | 6806 5851 | 5 II 14 4 II 55 | 3 9 3 9 3 |
| 7S | 1 X 33 | 3Υ08 3Υ07 | 3 8 38 | 2П45 | 1933 | 2 X 33 | 4Υ11 4Υ10 | 4838 4838 | 3Д39 | 2528 | 3 X 37 | 5Υ14 5Υ12 | 5 8 37 | 4H35 4H36 | 3992 |
| 8S | 1 X 45 | 3Υ06 | 3825 | 2 II 26 | 1909 | 2 X 47 | 4Υ08 | 4824 | 3П22 | 2504 | 3 × 48 | 5Υ10 | 5823 | 4 I 18 | 295 |
| 9S | 1 X 51 | 3 ⋎ 05 | 3811 | 2П08 | 0ഇ56 | 2 X 53 | 4 Υ 06 | 4810 | 3П03 | 1951 | 3 X 54 | 5Υ08 | 5 8 09 | 3 Ц 59 | 2954 |
| 108 | 1 X 57 | 3 Y 03 | 2858 | 1П49 | 0ഇ44 | 2 X 58 | 4 Υ 05 | 3856 | 2П44 | 1939 | 4 X 00 | 5 Υ 06 | 4855 | 3П40 | 293 |
| 11S | 2 X 03 | 3 ⋎ 02 | 2844 | 1Д30 | 0ള32 | 3 X 04 | 4Υ03 | 3843 | 2П26 | 1927 | 4 ¥ 05 | 5Υ04 | 4840 | 3 Д 21 | 2992 |
| 12S | 2 X 09 | 3 ⋎ 01 | 2831 | 1 Д 12 | 0ഇ19 | 3 ∺ 10 | 4 Υ 02 | 3829 | 2П07 | 15514 | 4 ₩11 | 5Υ02 | 4827 | 3 Д 02 | 2951 |
| 138 | 2 X 15 | 3Υ00 | 2818 | 0Д53 | 0907 | 3 × 16 | 4Υ00 | 3815 | 1 11 48 | 1502 | 4 X 16 | 5Υ00 | 4813 | 2П43 | 195 |
| 14S | 2 ¥ 21 | 2Υ59 | 2805 | 0П34 | 29 II 54 | 3 ¥ 22 | 3 Υ 59 | 3802 | 1П29 | 0549 | 4 ¥ 22 | 4Υ58 | 3859 | 2П24 | 1994 |
| 15S | 2 X 27 | 2Υ58 | 1852 | 0П16 | 29П41 | 3 × 27 | 3Υ57 | 2848 | 1 II 10 | 0936 | 4 × 28 | 4Υ57 | 3845 | 2П05 | 193 |
| 16S 17S | 2 ¥ 33 2 ¥ 39 | 2°757 2°755 | 1839 1826 | 29 8 57 29 8 38 | 29П28 29П15 | 3 X 33 3 X 39 | 3 Y 56 3 Y 54 | 2835 2822 | 0Д51 0Д32 | 0 0 0 0 11 | 4 + 33 4 + 39 | 4Υ55 4Υ53 | 3831 3818 | 1 II 46 1 II 27 | 1951 1950 |
| 178 188 | 2 X 39 | 2 Υ 53 2 Υ 54 | 1813 | 29819 | 29 II 13 29 II 02 | 3 X 39 | 3Υ54 3Υ53 | 2808 | 0Д32 0Д13 | 29 II 57 | 4 X 39 | 4Υ53 4Υ51 | 3804 | 1 Д 27 | 0.005 |
| 198 | 2 X 52 | 2Υ53 | 1800 | 29800 | 28 II 49 | 3 X 51 | 3Υ51 | 1855 | 29854 | 29 Д 44 | 4 X 50 | 4Υ49 | 2850 | 0П48 | 093 |
| _{20S} | 2 X 58 | 2Y52 | 0847 | 28841 | 28П36 | 3 X 57 | 3Υ50 | 1842 | 29835 | 29П31 | 4 X 56 | 4 Υ 47 | 2836 | 0П28 | 0ණ2 |
| 21S | 3 × 04 | 2Υ51 | 0834 | 28822 | 28 II 22 | 4 × 03 | 3Υ48 | 1828 | 29815 | 29 Д 17 | 5 × 02 | 4Υ45 | 2823 | 0П09 | 091 |
| 22S | 3 ¥ 10 | 2 Y 50 | 0821 | 28802 | 28II 08 | 4 ¥ 09 | 3 ℃ 47 | 1815 | 28856 | 29П03 | 5 X 08 | 4Υ43 | 2809 | 29849 | 29П5 |
| 23S | 3 X 16 | 2Υ49 | 0807 | 27843 | 27П54 | 4 ¥ 15 | 3Υ45 | 1801 | 28836 | 28 Д 49 | 5 × 13 | 4Υ41 | 1855 | 29829 | 29П4 |
| 24S | 3 ¥ 23 | 2 Y 48 | 29Ƴ54 | 27823 | 27II40 | 4 X 21 | 3Υ44 | 0848 | 28816 | 28П35 | 5 X 19 | 4 Υ 40 | 1842 | 29809 | 29П3 |
| 25S | 3 X 29 | 2 Y 46 | 29Ƴ41 | 27803 | 27II26 | 4 ¥ 27 | 3 ℃ 42 | 0835 | 27856 | 28П20 | 5 ∺ 25 | 4 Ƴ 38 | 1828 | 28849 | 29П1 |
| 26S | 3 X 35 | 2Υ45 | 29 ° 28 | 26843 | 27 II 11 | 4 ¥ 33 | 3Υ41 | 0821 | 27836 | 28耳06 | 5 X 31 | 4Υ36 | 1814 | 28828 | 29П0 |
| 27S 28S | 3 × 42 3 × 48 | 2°44 2°43 | 29 Y 15 29 Y 02 | 26 8 23 26 8 03 | 26 II 56 26 II 41 | 4 X 39 4 X 46 | 3Υ39 3Υ38 | 0808 29 Υ 54 | 27816 26855 | 27 II 51 27 II 36 | 5 X 37 5 X 43 | 4Υ34 4Υ32 | 1800 0846 | 28 8 08 27 8 47 | 28 II 4 28 II 3 |
| 29S | 3 X 55 | 2 Υ 43 2 Υ 42 | 28°Y49 | 25842 | 26 II 26 | 4 X 52 | 3Υ36 | $29 \Upsilon 40$ | 26834 | 27 II 30 27 II 20 | 5 X 49 | 4Υ30 | 0832 | 27826 | 28 II 1 |
| 30S | 4 X 02 | 2 Υ 41 | 28 Ƴ 35 | 25822 | 26 II 10 | 4 X 59 | 3Υ34 | 29 ° 27 | 26813 | 27II 04 | 5 X 56 | 4Υ28 | 0818 | 27805 | 27П5 |
| 31S | 4 X 08 | 2^{41} | 28 Y 22 | 25800 | 25 II 54 | 5 X 05 | 3Υ33 | 29 Y 13 | 25852 | 26 II 48 | 6 × 02 | 4Υ26 | 0804 | 26843 | 27II 3 |
| 32S | 4 X 15 | 2Υ38 | 28Υ08 | 24839 | 25 II 37 | 5 × 12 | 3Υ31 | 28 Y 59 | 25830 | 26耳32 | 6 × 08 | 4Υ24 | 29Y50 | 26821 | 27II2 |
| 33S | 4 ¥ 22 | 2 Y 37 | 27 Υ 55 | 24818 | 25 II 21 | 5 X 18 | 3 ⋎ 30 | 28Ƴ45 | 25808 | 26耳15 | 6 ¥ 15 | 4Υ22 | 29Ƴ35 | 25859 | 27II1 |
| 34S | 4 X 29 | 2 Y 36 | 27 Ƴ 41 | 23856 | 25 II 04 | 5 ¥ 25 | 3℃28 | 28 Y 31 | 24846 | 25 Д 58 | 6¥21 | 4Υ20 | 29Ƴ21 | 25 8 37 | 26II5 |
| 35S | 4 ¥ 36 | 2 Y 35 | 27Ƴ27 | 23833 | 24II46 | 5 X 32 | 3Ƴ27 | 28Ƴ17 | 24824 | 25П41 | 6¥28 | 4Υ18 | 29Ƴ06 | 25814 | 26Д3 |
| 36S | 4 X 44 | 2Υ34 | 27 Υ 13 | 23811 | 24II 28 | 5 X 39 | 3 Υ 25 | 28Υ02 | 24801 | 25 Д 23 | 6¥35 | 4Υ16 | 28Υ51 | 24851 | 26II1 |
| 37S | 4 X 51 | 2Υ32 | 26 ° 59 26 ° 45 | 22848 22825 | 24 II 10 | 5 X 46 | 3Υ23 | 27 Υ 48 | 23838 | 25 II 04 | 6 X 42 | 4Υ14 | 28Y36 | 24827 | 25 II 5 |
| 38S 39S | 4 × 59 5 × 06 | $2^{4/31}$ $2^{4/30}$ | 26°7′45 26°7′31 | 22825 | 23 II 31 23 II 32 | 5 X 54 6 X 01 | 3 Y 22 3 Y 20 | 27\dagger 33 | 23 8 14 22 8 50 | 24 II 45 24 II 26 | 6 X 49 6 X 56 | 4Υ12 4Υ10 | 28\cdot 21 28\cdot 06 | 24803 23839 | 25 II 2 |
| | | | | | | | | | | | | | | | |
| 40S 41S | 5 X 14 5 X 22 | 2 Y 29 2 Y 27 | 26 ° 16 26 ° 01 | 21837 21812 | 23 II 12 22 II 52 | 6 ¥ 08 6 ¥ 16 | 3 ° 18 3 ° 17 | 27\cdot\03 26\cdot\48 | 22826 22801 | 24 II 06 23 II 46 | 7 × 03 7 × 10 | 4Υ08 4Υ06 | 27 Υ 51 27 Υ 35 | 23 8 14 22 8 49 | 25 II 0 24 II 4 |
| 12S | 5 X 30 | 2Υ26 | 25 ° 46 | 20847 | 22 II 32 | 6 X 24 | 3Υ15 | 26 Y 33 | 21836 | 23 II 25 | 7 X 18 | 4Υ04 | 27Υ19 | 22824 | 24 II 1 |
| 13S | 5 X 38 | 2Υ25 | 25Υ31 | 20822 | 22П09 | 6 × 32 | 3Υ13 | 26Y17 | 21810 | 23耳03 | 7 ∺ 26 | 4Υ02 | 27Υ03 | 21857 | 23 Д 5 |
| 14S | 5 X 47 | 2 Y 23 | 25 ℃ 16 | 19856 | 21 11 47 | 6 ∺ 40 | 3 Ƴ 11 | 26℃02 | 20843 | 22 Д 41 | 7 ∺ 33 | 3 ⋎ 59 | 26Ƴ47 | 21831 | 23 II 3 |
| 45S | 5 X 55 | 2 Y 22 | 25Ƴ00 | 19829 | 21П24 | 6 ∺ 48 | 3 ⋎ 10 | 25Ƴ46 | 20816 | 22 П 17 | 7 ∺ 41 | 3 Υ 57 | 26 Y 31 | 21803 | 23 Д 1 |
| 16S | 6 ∺ 04 | 2 Υ 21 | 24Ƴ45 | 19802 | 21 Д 00 | 6 ∺ 57 | 3Υ08 | 25 ℃ 29 | 19849 | 21 Д 54 | 7 ¥ 50 | 3Υ55 | 26Υ14 | 20835 | 22 II 4 |
| 17S | 6¥13 | 2Υ19 | 24Υ29 | 18835 | 20 Д 36 | 7 × 06 | 3Υ06 | 25Υ13 | 19821 | 21 Д 29 | 7 ¥ 58 | 3Υ53 | 25°757 | 20807 | 22 II 2 |
| 18S | 6¥23 | 2Υ18 2Υ17 | 24 Y 12 | 18 8 06 | 20Π10 19Π44 | 7 X 15 | 3Υ04 3Υ02 | 24 Y 56 | 18852 | 21 II 03 | 8 ¥ 16 | 3 Y 50 | 25°Y40 | 19 8 38 | 21 II 5 |
| 19S | 6 × 32 | 2Υ17 | 23 Y 56 | 17837 | 191144 | 7 X 24 | 3Υ02 | 24 Ƴ 39 | 18822 | 20 11 37 | 8 X 16 | 3 Υ 48 | 25 Y 22 | | 21 ДЗ |
| 50S | 6 × 42 | 2Υ15 2Υ14 | 23 \cdot 39 | 17807 | 19 I I16 | 7 X 33 | 3Υ00 2Υ58 | 24Y21 | 17852 | 20 Д 09 | 8 X 25 | 3 Y 45 | 25°°04 | 18837 | 21 II (|
| 51S 52S | 6 × 52 7 × 02 | 2Υ14 2Υ12 | 23 \cdot 21 \\ 23 \cdot 04 | 16 8 37 16 8 05 | 18 II 48 18 II 18 | 7 X 43 7 X 53 | 2°758 2°756 | 24 \cdot 04 23 \cdot 46 | 17821 16849 | 19П40 19П11 | 8 X 34 8 X 44 | 3 ° 43 3 ° 40 | 24 \cdot 46 24 \cdot 27 | 18 8 06 17 8 33 | 20 20 20 10 20 10 |
| 3S | 7 X 02 | 2 γ 12 2 γ 10 | 23 Y 04 22 Y 46 | 15833 | 17 Д 47 | 8 X 03 | 2 Υ 50 2 Υ 54 | $23 \Upsilon 40$ $23 \Upsilon 27$ | 16817 | 18 Д 40 | 8 X 54 | 3 Υ 40 3 Υ 38 | 24 Y 27 | 17800 | 19П3 |
| 34S | 7 × 24 | 2Υ09 | 22Υ28 | 15800 | 17П15 | 8 X 14 | 2Υ52 | 23 Υ 08 | 15843 | 18п07 | 9 ★ 04 | 3Υ35 | 23 ℃ 49 | 16826 | 18П |
| 55S | 7 X 36 | 2 Y 07 | 22Ƴ09 | 14826 | 16П42 | 8 X 25 | 2 Y 50 | 22 ° 49 | 15808 | 17Д33 | 9¥15 | 3Υ32 | 23Ƴ29 | 15851 | 18П2 |
| 6S | 7 X 47 | 2Υ06 | 21 Y 50 | 13851 | 16耳06 | 8 X 36 | 2Υ48 | 22Υ29 | 14833 | 16耳58 | 9¥26 | 3Υ30 | 23 Y 09 | 15814 | 17 Д |
| 7S | 8 X 00 | 2Υ04 | 21 ℃ 30 | 13815 | 15 Д 30 | 8 ¥ 48 | 2Υ45 | 22 ℃ 09 | 13856 | 16П20 | 9 ₩ 37 | 3 Υ 27 | 22Ƴ48 | 14837 | 17П |
| 88 | 8 X 12 | 2Υ02 | 21 Y 10 | 12838 | 14П51 | 9 × 00 | 2Υ43 | 21 Y 48 | 13818 | 15 Д 41 | 9 X 49 | 3Υ24 | 22°27 | 13859 | 16II |
| 9S | 8 X 25 | 2Υ00 | 20 ℃ 49 | 11859 | 14 п 10 | 9 X 13 | 2Υ40 | 21 ° 27 | 12839 | 15 Д 00 | 10 × 01 | 3Υ21 | 22℃05 | 13819 | 15 п |
| OS | 8 X 39 | 1Υ58 | 20 ° 28 | 11819 | 13 Д 27 | 9 X 26 | 2Υ38 | 21 γ 05 | 11858 | 14 Д 17 | 10 × 14 | 3Υ18 | 21 Y 42 | 12838 | 15 II (|
| 1S | 8 X 53 | 1Υ56 | 20°706 | 10838 | 12 II 42 | 9 X 40 | 2Υ35 | 20°Y43 | 11817 | 13 Д 32 | 10 × 27 | 3Υ14 | 21Υ19 20Υ55 | 11855 | 14 II |
| 52S 53S | 9 × 08 9 × 24 | 1 Y 54 1 Y 52 | 19Ƴ44 19Ƴ21 | 9 8 55 | 11 II 55 11 II 04 | 9 X 54 10 X 09 | 2 Y 33 2 Y 30 | 20 Y 20 19 Y 56 | 10 8 33 9 8 48 | 12 II 44 11 II 53 | 10 X 40 10 X 55 | 3Υ11 3Υ08 | 20°755 20°731 | 11811 10825 | 13 II 3 |
| | 9 X 24 9 X 40 | 1 γ 52 1 γ 50 | 19\frac{1}{21} | 8826 | 10 II 11 | 10 X 09 | 2°4°30 2°4°27 | 19 \ \gamma 36 | 9802 | 10页59 | 10 X 33 | 3 Υ 08 3 Υ 04 | 20°731 20°706 | 9838 | 11 II. |
| 54S ∥ | - / 10 | | , | | | | | | | | | | | | 10П4 |
| 64S 65S | 9 ¥ 57 | 1 92 1 8 | 18323 | 7₩38 | 9π1/ | 10 ¥ 41 | 7,(4,.77) | U WILL | XX 12 | | | | | | |
| 64S 65S 66S | 9¥57 10¥14 | 1Υ48 1Υ46 | 18 Ƴ 33 18 Ƴ 08 | 7838 6849 | 9П14 8П14 | 10 X 41 10 X 58 | 2°724 2°721 | 19 ⋎ 06 18 ⋎ 40 | 8 8 13 7 8 23 | 10II01 9II00 | 11 X 25 11 X 42 | 3 ℃ 01 2 ℃ 57 | 19Ƴ40 19Ƴ13 | 8 8 49 7 8 57 | 9П4 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | Sid.Tin MC: | | 24m A 1'13 | RMC: 3 | 06°00' | Sid.Tin MC: | | 28m A 9'32 | RMC: 3 | 307°00' | Sid.Tin MC: | ne: 20h; 5≈3 | 32m A 8'01 | RMC: 3 | 08°00' |
|------------|--|---|------------------------------|----------------------------------|----------------------------------|--|--------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--------------------------------|-----------------------------------|----------------------------------|--------------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 4 ¥ 06 | 6Υ32 | 8822 | 7 I I46 | 5ഇ30 | 5 ∺ 10 | 7 Ƴ 37 | 9823 | 8 I I43 | 6925 | 6 ∺ 13 | 8 Y 42 | 10824 | 9П39 | 7ණ20 |
| 1S | 4 ¥ 12 | 6Υ29 | 8806 | 7П27 | 5ഇ18 | 5 X 15 | 7 Ƴ 34 | 9807 | 8Д23 | 6ණ13 | 6 ∺ 19 | 8 Y 39 | 10808 | 9П20 | 7න08 |
| 2S | 4 X 17 | 6Υ27 | 7851 | 7П08 | 5906 | 5 X 21 | 7Υ31 | 8852 | 8П04 | 6901 | 6 X 24 | 8 Y 35 | 9852 | 9П00 | 6957 |
| 3S | 4 + 2 3 | 6Υ24 | 7836 | 6H49 | 4954 | 5 X 26 | 7 ° 28 | 8836 | 7II 45 | 5949 | 6¥29 | 8Υ32 | 9836 | 8II41 | 6945 |
| 4S | 4 ¥ 28 | 6 Y 22 | 7821 | 6П29 | 4942 | 5 X 31 | 7 Y 25 | 8821 | 7П25 | 5938 | 6 ¥ 34 | 8 Υ 29 | 9821 | 8П21 | 6533 |
| 5S | 4 X 34 | 6Υ19 | 7806 | 6Ц10 | 4930 | 5 X 36 | 7 Y 22 | 8805 | 7 I I06 | 5926 | 6 X 39 | 8Υ26 | 9805 | 8п02 | 6921 |
| 6S 7S | 4 × 39 4 × 45 | 6Υ17 6Υ14 | 6851 6836 | 5II51 | 4୭18 4୭06 | 5 × 42 | 7 ° 20 7 ° 17 | 7850 7835 | 6П47 6П28 | 5©14 5©01 | 6 X 44 | 8 Y 22 8 Y 19 | 8850 8834 | 7 II 43 7 II 23 | 6 9 09 |
| 8S | 4 X 43 4 X 50 | 6Υ14 6Υ12 | 6822 | 5П32 5П13 | 3954 | 5 X 47 5 X 52 | 7Υ17 7Υ14 | 7820 | 6П09 | 49649 | 6 X 49 6 X 54 | 8Υ19 | 8819 | 7 II 04 | 5937 |
| 9S | 4 X 56 | 6Υ10 | 6807 | 4II 54 | 3942 | 5 X 57 | 7Υ11 | 7806 | 5 II 50 | 4937 | 6 X 59 | 8Υ13 | 8804 | 6 I I45 | 5932 |
| 10S | 5 X 01 | 6 Υ 07 | 5 8 53 | 4 I I35 | 3530 | 6 × 02 | 7 Υ 09 | 6851 | 5П30 | 4925 | 7 ¥ 04 | 8Υ10 | 7849 | 6П26 | 5920 |
| 11S | 5 × 06 | 6Υ05 | 5 8 38 | 4II 16 | 3 9 30 | 6 × 08 | 7Υ06 | 6836 | 5 I I11 | 49512 | 7 X 09 | 8Υ07 | 7834 | 6 I I06 | 5908 |
| 12S | 5 × 12 | 6Υ03 | 5824 | 3 Д 57 | 3905 | 6 X 13 | 7Υ03 | 6821 | 4II52 | 4900 | 7 ∺ 14 | 8Υ04 | 7819 | 5П47 | 4955 |
| 13S | 5 X 17 | 6 Υ 00 | 5810 | 3Д38 | 2952 | 6 ₩18 | 7 ⋎ 01 | 6807 | 4 I I33 | 39547 | 7 X 19 | 8 Y 01 | 7804 | 5П27 | 4943 |
| 14S | 5 ¥ 23 | 5 Y 58 | 4856 | 3П19 | 2539 | 6 X 23 | 6Υ58 | 5 8 52 | 4 I 13 | 3935 | 7 X 24 | 7 Υ 58 | 6849 | 5П08 | 4930 |
| 15S | 5 ¥ 28 | 5Y56 | 4842 | 2П59 | 2927 | 6 ¥ 28 | 6Y55 | 5 8 38 | 3Д54 | 3522 | 7 X 29 | 7 Υ 54 | 6834 | 4 II 48 | 49517 |
| 16S | 5 ¥ 33 | 5Υ54 | 4827 | 2П40 | 2514 | 6 X 34 | 6Υ53 | 5824 | 3П35 | 3509 | 7 X 34 | 7Υ51 | 6820 | 4II 29 | 4904 |
| 17S | 5 X 39 | 5Υ51 | 4813 | 2H21 | 2501 | 6 X 39 | 6Υ50 | 5809 | 3II 15 | 2556 | 7 X 39 | 7Υ48 | 6805 | 4II 09 | 3551 |
| 18S 19S | 5 X 44 5 X 50 | 5 ° 49 5 ° 47 | 3859 3845 | 2 II 01 1 II 42 | 1 ବ୍ୟ 8 1 ବ୍ୟ 3 4 | 6 X 44 6 X 49 | 6Ƴ47 6Ƴ45 | 4855 4840 | 2П55 2П36 | 2543 2529 | 7 X 44 7 X 49 | 7 Υ 45 7 Υ 42 | 5850 5835 | 3П49 3П29 | 3 9 3 9 3 9 2 5 |
| 208 | 5 X 55 | 5Υ45 | | | 1997 | | 6Υ42 | | 2H16 | 2516 | | 7Υ39 | 5821 | 3 II 09 | 3923 |
| 20S 21S | 6¥01 | 5 Υ 43 5 Υ 42 | 3831 3817 | 1 II 22 1 II 02 | 19921 | 6 X 55 7 X 00 | 6Y39 | 4826 4812 | 1П56 | 2502 | 7 X 54 7 X 59 | 7°39 | 5806 | 2П49 | 2558 |
| 22S | 6¥06 | 5Υ40 | 3803 | 0П42 | 0e53 | 7 X 05 | 6Υ37 | 3857 | 1Д36 | 19548 | 8 X 04 | 7Υ33 | 4851 | 2П49 | 25538 |
| 23S | 6 ₩12 | 5 Y 38 | 2849 | 0П22 | 0ഇ39 | 7 X 11 | 6 Ƴ 34 | 3843 | 1П15 | 1534 | 8 X 10 | 7 Υ 30 | 4837 | 2П08 | 2530 |
| 24S | 6 ¥ 18 | 5 Y 36 | 2835 | 0П02 | 0ഇ25 | 7 ∺ 16 | 6 Ƴ 32 | 3828 | 0П55 | 1 5 2 0 | 8 X 15 | 7 Y 27 | 4822 | 1 Д 48 | 29515 |
| 25S | 6 ∺ 23 | 5 Y 33 | 2821 | 29842 | 0ഇ10 | 7 X 22 | 6Ƴ29 | 3814 | 0П34 | 1506 | 8 X 20 | 7 Υ 24 | 4807 | 1 Д 27 | 2501 |
| 26S | 6 ∺ 29 | 5 Y 31 | 2807 | 29821 | 29П56 | 7 X 27 | 6 Υ 26 | 2859 | 0П13 | 0ഇ51 | 8 X 25 | 7 Y 21 | 3852 | 1Д06 | 15546 |
| 27S | 6¥35 | 5Υ29 | 1852 | 29800 | 29П41 | 7 X 33 | 6Υ24 | 2845 | 29852 | 0936 | 8 X 31 | 7Υ18 | 3837 | 0II45 | 1931 |
| 28S 29S | 6¥41 6¥47 | 5Υ26 5Υ24 | 1838 1824 | 28 8 39 28 8 18 | 29П25 29П10 | 7 X 38 7 X 44 | 6Υ21 6Υ18 | 2830 2815 | 29 8 31 29 8 10 | 0 0 0 0 0 0 0 | 8 X 36 8 X 42 | 7Υ15 7Υ12 | 3822 3807 | 0П23 0П01 | 19916 |
| 30S | | 5Υ22 | 1809 | 27856 | 28 II 54 | | 6Υ16 | | 28848 | 29П49 | | 7Υ09 | 2852 | 29839 | |
| 31S | 6 X 53 6 X 59 | 5Υ22 5Υ20 | 0855 | 27834 | 28 II 34 28 II 38 | 7 X 50 7 X 56 | 6Υ13 | 2801 1846 | 28826 | 29 Д 33 | 8 X 47 8 X 53 | 7Y09 | 2837 | 29817 | 0944 0928 |
| 32S | 7 X 05 | 5Υ17 | 0840 | 27812 | 28II21 | 8 ¥ 02 | 6Υ10 | 1831 | 28803 | 29П16 | 8 X 58 | 7Υ03 | 2821 | 28854 | 0911 |
| 33S | 7 ∺ 11 | 5 Y 15 | 0825 | 26850 | 28П05 | 8 X 08 | 6 ℃ 07 | 1816 | 27841 | 28П59 | 9 X 04 | 7 Υ 00 | 2806 | 28832 | 29П54 |
| 34S | 7 | 5Υ13 | 0811 | 26827 | 27 I I47 | 8 X 14 | 6 Υ 05 | 1800 | 27818 | 28П42 | 9 X 10 | 6 Υ 57 | 1850 | 28808 | 29П37 |
| 35S | 7 ¥ 24 | 5Υ10 | 29Y56 | 26804 | 27II30 | 8 ¥ 20 | 6Υ02 | 0845 | 26854 | 28П24 | 9 | 6Υ54 | 1834 | 27845 | 29П19 |
| 36S 37S | 7 X 30 7 X 37 | 5Υ08 5Υ05 | 29 ° 40 29 ° 25 | 25 8 41 25 8 17 | 27 II 12 26 II 53 | 8 X 26 8 X 32 | 5Υ59 5Υ56 | 0829 0814 | 26 8 31 26 8 07 | 28 II 06 27 II 48 | 9 ¥ 22 9 ¥ 28 | 6Υ50 6Υ47 | 1818 1802 | 27821 26856 | 29 II 01 28 II 43 |
| 38S | 7 X 37 | 5Υ03 | 29 Y 23 | 24853 | 26 II 34 | 8 X 39 | 5Υ50 5Υ53 | 29 Y 58 | 25842 | 27 II 48 27 II 29 | 9 1 28 | 6Υ47 6Υ44 | 0846 | 26832 | 28 II 23 |
| 39S | 7 ∺ 51 | 5Υ00 | 28 Y 54 | 24828 | 26II 15 | 8 X 45 | 5Υ50 | 29 Y 42 | 25817 | 27П09 | 9 X 40 | 6Υ41 | 0830 | 26807 | 28П04 |
| 40S | 7 ∺ 58 | 4Υ58 | 28 Y 38 | 24803 | 25 Д 55 | 8 X 52 | 5Υ48 | 29Ƴ26 | 24852 | 26П49 | 9 X 47 | 6 Υ 37 | 0813 | 25841 | 27П44 |
| 41S | 8¥05 | 4Υ55 | 28Υ22 | 23838 | 25 II 34 | 8 X 59 | 5Υ45 | 29Υ09 | 24826 | 26П28 | 9 X 53 | 6Υ34 | 29Y56 | 25815 | 27 Д 23 |
| 42S | 8 X 12 | 4Υ53 | 28 Y 06 | 23812 | 25 II 13 | 9 X 06 | 5 Ƴ 42 | 28⋎53 | 24800 | 26II 07 | 10 ₩ 00 | 6 Y 30 | 29 Y 39 | 24848 | 27П01 |
| 438 | 8 X 19 | 4Υ50 | 27Υ50 | 22845 | 24II51 | 9 X 13 | 5Υ38 | 28Y36 | 23833 | 25 Д 45 | 10 × 07 | 6Υ27 | 29Υ22 | 24821 | 26П39 |
| 448 | 8 X 27 | 4 ° 47 | 27Ƴ33 | 22818 | 24 11 28 | 9 ₩ 20 | 5 Y 35 | 28 ℃ 19 | 23805 | 25 11 22 | 10 ¥ 14 | 6Υ23 | 29℃04 | 23853 | 26П16 |
| 45S | 8 X 35 | 4Υ45 | 27Υ16 | 21850 | 24 II 05 | 9 X 28 | 5Υ32 | 28Y01 | 22837 | 24 II 59 | 10 × 21 | 6Υ20 | 28°Y46 | 23824 | 25 II 53 |
| 46S 47S | 8 X 43 8 X 51 | 4Υ42 4Υ39 | 26 \gamma 59 26 \gamma 41 | 21822 20853 | 23 II 41 23 II 16 | 9 X 35 9 X 43 | 5 Y 29 5 Y 26 | 27 Υ 44 27 Υ 26 | 22 8 09 21 8 39 | 24 II 34 24 II 09 | 10 ¥ 28 10 ¥ 36 | 6Υ16 6Υ12 | 28 Y 28 28 Y 10 | 22 8 55 22 8 26 | 25 II 28 25 II 03 |
| 47S | 8 X 59 | 4Υ36 | 26 Y 24 | 20833 | 22 II 50 | 9 X 43 | 5Υ23 | 27 Y 20 | 21809 | 23 II 43 | 10 X 30 | 6Υ09 | 27Υ51 | 21855 | 24 II 37 |
| 49S | 9 X 07 | 4Υ33 | 26Y05 | 19853 | 22 Д 23 | 9 X 59 | 5Υ19 | 26°Y49 | 20838 | 23 Д 16 | 10 X 51 | 6Υ05 | 27 Y 32 | 21824 | 24П10 |
| 50S | 9 ¥ 16 | 4 Υ 31 | 25Ƴ47 | 19822 | 21 Д 55 | 10 X 08 | 5Υ16 | 26Ƴ30 | 20807 | 22 Д 48 | 10 X 59 | 6 Υ 01 | 27 Y 13 | 20852 | 23П41 |
| 51S | 9 ∺ 25 | 4Υ28 | 25Ƴ28 | 18850 | 21 II 26 | 10 ¥ 16 | 5 Y 12 | 26Ƴ11 | 19834 | 22П19 | 11 X 08 | 5 Υ 57 | 26Y53 | 20819 | 23 Д 12 |
| 52S | 9 ₩ 35 | 4Υ24 | 25℃09 | 18817 | 201156 | 10 ¥ 25 | 5Υ09 | 25 Υ 51 | 19801 | 21 Д 48 | 11 X 16 | 5Υ53 | 26Υ33 | 19845 | 22 Д 41 |
| 53S | 9 X 44 | 4Υ21 | 24 Y 50 | 17843 | 20 II 24 | 10 × 34 | 5Υ05 | 25Υ31 | 18827 | 21 Д 17 | 11 X 25 | 5Υ49 | 26Υ12 | 19810 | 22 Д 09 |
| 54S | 9 X 54 | 4Υ18 | 24Υ30 | 17809 | 19Д51 | 10 X 44 | 5Υ01 | 25 Y 10 | 17852 | 20 11 44 | 11 X 34 | 5Υ44 | 25Υ51 | 18835 | 21 Д 36 |
| 55S | 10 × 04 | 4Υ15 | 24Υ09 | 16833 | 19II17 | 10 X 54 | 4Υ57 | 24 Y 49 | 17815 | 20 Д 09 | 11 X 43 | 5Υ40 | 25Y29 | 17858 | 21 II 01 |
| 56S 57S | 10 × 15 10 × 26 | 4Υ12 4Υ08 | 23 \ \ 48 23 \ \ 27 | 15 8 56 15 8 18 | 18 II 41 18 II 03 | 11 X 04 11 X 14 | 4 ° 54 4 ° 50 | 24 \cdot 28 24 \cdot 06 | 16 8 38 15 8 59 | 19П33 18П54 | 11 X 53 12 X 03 | 5Υ36 5Υ31 | 25 ° 07 24 ° 44 | 17820 16841 | 20П25 19П46 |
| 58S | 10 × 20 | 4Υ05 | 23 Y 05 | 14839 | 17 II 23 | 11 X 14 | 4Υ45 | 23 \gamma 43 | 15820 | 18 II 14 | 12 X 03 | 5Υ26 | 24 Y 21 | 16800 | 19Д46 |
| 59S | 10 X 49 | 4Υ01 | 22 Υ 42 | 13859 | 16П41 | 11 X 36 | 4Υ41 | 23Υ20 | 14839 | 17 Д 32 | 12 X 24 | 5Υ21 | 23 Y 57 | 15818 | 18 Д 23 |
| 60S | 11 X 01 | 3 Y 57 | 22 Y 19 | 13817 | 15 Д 57 | 11 X 48 | 4 Ƴ 37 | 22 Y 56 | 13856 | 16П48 | 12 X 35 | 5Υ16 | 23 Y 33 | 14835 | 17П39 |
| 61S | 11 X 13 | 3 Y 53 | 21 Y 55 | 12833 | 15 I I11 | 12 X 00 | 4 Ƴ 32 | 22Ƴ32 | 13812 | 16 I I01 | 12 X 47 | 5 Y 11 | 23℃08 | 13851 | 16П51 |
| 62S | 11 X 27 | 3Υ49 | 21Υ31 | 11849 | 14II 22 | 12 X 13 | 4Υ28 | 22 ℃ 07 | 12826 | 15 Д 12 | 12 X 59 | 5Υ06 | 22 Ƴ 42 | 13804 | 16П01 |
| 63S | 11 X 40 | 3Υ45 29241 | 21 Υ 06 | 11802 | 13 II 30 | 12 ¥ 26 | 4Υ23 | 21 Y 41 | 11839 | 14 П 19 | 13 X 12 | 5Υ01 | 22Υ15 | 12816 | 15 II 08 |
| 648 | 11 X 55 | 3Υ41 | 20Υ40 | 10814 | 12 Д 35 | 12 X 40 | 4Υ18 | 21 Y 14 | 10850 | 13 11 23 | 13 ¥ 25 | 4Υ55 | 21Υ48 | 11826 | 14 П 12 |
| 65S 66S | 12 ¥ 10 12 ¥ 26 | 3Υ37 3Υ32 | 20 Y 13 19 Y 45 | 9824 | 11 П 36 10 П 34 | 12 X 54 13 X 09 | 4Ƴ13 4Ƴ08 | 20 \gamma 46 20 \gamma 18 | 9859 9806 | 12 П 24 11 П 21 | 13 ¥ 39 13 ¥ 53 | 4Υ49 4Υ43 | 21 \(\chi 20 \) \(20 \chi 51 \) | 10 8 34 9 8 41 | 13 II 12 12 II 08 |
| pc | 12 X 26 12 X 35 | 3 \ \ \ 3 \ | 19\\dagger45 | 8832 8802 | 10Д34 9Д57 | 13 X 09 | 4Υ08 4Υ05 | 20°7′18 20°7′02 | 8 8 36 | 11 Д 21 | 13 H 53 14 H 02 | 4 γ 43 4 γ 40 | 20°731 20°734 | 9841 | 12 II 08 11 II 30 |
| | | | | | | | | oolar circle | | | 11,7,02 | . , 40 | 20137 | , 500 | 111130 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| | 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 | | RMC: 3 | 311°00' |
|---------------------------------|--|--------------------------------------|--|----------------------------------|--------------------------------|--|--------------------------------|---|------------------------|------------------------------------|--|-------------------------------------|--|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 7 ∺ 17 | 9Ƴ47 | 11825 | 10П35 | 8ഇ16 | 8 X 21 | 10 Y 52 | 12826 | 11 Д32 | 9511 | 9¥25 | 11 Y 57 | 13827 | 12 Д 28 | 10ഇ06 |
| 1S | 7 ¥ 22 | 9℃43 | 11809 | 10 Д 16 | 8গু04 | 8 X 26 | 10Ƴ48 | 12809 | 11 Д 12 | 8959 | 9 X 30 | 11Υ53 | 13810 | 12 Д 08 | 9954 |
| 2S | 7 ∺ 27 | 9Ƴ40 | 10853 | 9П56 | 7ඉ52 | 8 X 31 | 10Ƴ44 | 11853 | 10П52 | 8947 | 9 X 34 | 11Ƴ48 | 12853 | 11Ⅲ48 | 99643 |
| 3S | 7 × 32 | 9Υ36 | 10836 | 9П37 | 79940 | 8 X 35 | 10Υ40 | 11836 | 10П32 | 8935 | 9 X 39 | 11Υ44 | 12836 | 11 Д 28 | 9931 |
| 4S | 7 ∺ 37 | 9Ƴ32 | 10820 | 9П17 | 7ණ28 | 8 ¥ 40 | 10Ƴ36 | 11820 | 10П13 | 8523 | 9 X 43 | 11Ƴ39 | 12819 | 11П09 | 9919 |
| 5S | 7 X 42 | 9Υ29 | 10804 | 8II 58 | 7916 | 8 X 45 | 10Υ32 | 11804 | 9П53 | 8912 | 9 X 48 | 11 γ 35 | 12803 | 10 11 49 | 9907 |
| 6S 7S | 7 X 47 7 X 51 | 9 ° 25 9 ° 21 | 9849 9833 | 8П38 8П19 | 7 ඉ 04 6 ඉ 52 | 8 X 49 8 X 54 | 10 ° 28 10 ° 24 | 10848 10832 | 9П34 9П14 | 8 © 00 7 © 47 | 9 X 52 9 X 56 | 11 \gamma 30 11 \gamma 26 | 11846 11830 | 10 II 29 10 II 10 | 8 9 55 8 9 43 |
| 8S | 7 X 56 | 9Υ18 | 9817 | 7П59 | 6940 | 8 X 58 | 10 Y 24 10 Y 20 | 10832 | 8П55 | 7935 | 10 X 01 | 11 Y 20 | 11814 | 9Д50 | 8931 |
| 9S | 8 × 01 | 9Υ14 | 9802 | 7 I I40 | 6928 | 9 × 03 | 10Υ16 | 10800 | 8II35 | 7523 | 10 × 05 | 11 Y 17 | 10858 | 9П30 | 8519 |
| 10S | 8¥06 | 9 Υ 11 | 8847 | 7П21 | 6915 | 9 X 07 | 10Y12 | 9844 | 8П16 | 7 © 11 | 10 ¥ 09 | 11Υ13 | 10842 | 9П11 | 8 5 06 |
| 11S | 8 X 10 | 9 ⋎ 07 | 8831 | 7 I I01 | 6903 | 9 X 12 | 10Υ08 | 9829 | 7П56 | 6959 | 10 X 14 | 11Υ09 | 10826 | 8Д51 | 7954 |
| 12S | 8 X 15 | 9Υ04 | 8816 | 6II42 | 5951 | 9 X 17 | 10℃04 | 9813 | 7Ц36 | 6946 | 10 ¥ 18 | 11 ℃ 05 | 10810 | 8Д31 | 79542 |
| 13S | 8 X 20 | 9Υ01 | 8801 | 6П22 | 5938 | 9 X 21 | 10Υ01 | 8858 | 7П17 | 6934 | 10 × 22 | 11Υ00 | 9854 | 8П11 | 7929 |
| 14S | 8 ¥ 25 | 8 Υ 57 | 7846 | 6П02 | 5925 | 9 ₩ 26 | 9℃57 | 8842 | 6П57 | 6921 | 10 ∺ 27 | 10℃56 | 9839 | 7II51 | 7១17 |
| 15S | 8 X 30 | 8Y54 | 7831 | 5 II 43 | 5913 | 9 X 30 | 9Υ53 | 8827 | 6П37 | 6908 | 10 × 31 | 10Υ52 | 9823 | 7Д31 | 7904 |
| 16S 17S | 8 X 34 8 X 39 | 8 ⋎ 50 8 ⋎ 47 | 7816 7801 | 5 II 23 5 II 03 | 5 ඉ 00 4 ඉ 47 | 9 X 35 9 X 40 | 9 ° 49 9 ° 45 | 8 8 11 7 8 56 | 6П17 5П57 | 5955 5942 | 10 \(\pm\) 36 10 \(\pm\) 40 | 10 ° 48 10 ° 44 | 9807 8851 | 7П11 6П51 | 6951 6938 |
| 17S 18S | 8 X 39 | 8Υ47 8Υ44 | 6845 | 5ДU3 4Д43 | 49947 | 9 X 40 | 9°43 | 7841 | 5Д37 5Д37 | 5929 | 10 X 40 | 10 \ \frac{44}{10 \cdot 40} | 8836 | 6Д31 | 625 |
| 198 | 8 X 49 | 8Υ40 | 6830 | 4II 23 | 4920 | 9 X 49 | 9Υ38 | 7825 | 5Π37 | 5916 | 10 X 49 | 10 γ 36 | 8820 | 6Д11 | 6911 |
| 20S | 8 X 54 | 8 Ƴ 37 | 6815 | 4 I I03 | 4න07 | 9 X 53 | 9 Υ 34 | 7 8 10 | 4II57 | 5902 | 10 X 53 | 10 Y 32 | 8804 | 5П50 | |
| 21S | 8 X 59 | 8 Υ 34 | 6800 | 3П43 | 3953 | 9 X 58 | 9Υ31 | 6855 | 4 I I36 | 4948 | 10 × 58 | 10 Y 28 | 7849 | 5П29 | 59344 |
| 22S | 9 X 04 | 8 Y 30 | 5845 | 3П22 | 3539 | 10 ¥ 03 | 9Υ27 | 6839 | 4П15 | 4935 | 11 ¥ 02 | 10℃23 | 7 8 33 | 5П09 | 5930 |
| 238 | 9 X 09 | 8Υ27 | 5830 | 3Д01 | 3925 | 10 × 08 | 9Υ23 | 6824 | 3Д54 | 4520 | 11 X 07 | 10Υ19 | 7817 | 4 II 48 | 5916 |
| 24S | 9 X 14 | 8 Y 23 | 5815 | 2П41 | 3511 | 10 ¥ 12 | 9Υ19 | 6808 | 3П33 | 4906 | 11 X 11 | 10 ℃ 15 | 7802 | 4II26 | 5902 |
| 25S | 9 X 19 | 8Υ20 | 5800 | 2П20 | 2956 | 10 X 17 | 9Υ16 | 5853 | 3П12 | 3952 | 11 X 16 | 10Υ11 | 6846 | 4II 05 | 4947 |
| 26S 27S | 9 X 24 9 X 29 | 8 ⋎ 17 8 ⋎ 13 | 4845 4829 | 1Д58 1Д37 | 2941 2926 | 10 ¥ 22 10 ¥ 27 | 9 Υ 12 9 Υ 08 | 5837 5822 | 2П51 2П29 | 3937 3922 | 11 ¥ 20 11 ¥ 25 | 10 \(\cdot 07 \) 10 \(\cdot 03 \) | 6830 6814 | 3 II 43 3 II 21 | 4932 4917 |
| 28S | 9 X 34 | 8Υ10 | 4814 | 1 Д 15 | 2920 | 10 X 27 | 9Υ04 | 5806 | 2П27 | 3506 | 11 X 30 | 9Υ59 | 5858 | 2П59 | 4902 |
| 29S | 9 X 39 | 8 Y 06 | 3859 | 0П53 | 1955 | 10 X 37 | 9 Υ 00 | 4850 | 1П45 | 2951 | 11 X 35 | 9Υ54 | 5842 | 2П37 | 3 9 4 6 |
| 30S | 9 X 44 | 8 Y 03 | 3843 | 0Д31 | 1939 | 10 X 42 | 8 Y 57 | 4834 | 1 Д 23 | 2935 | 11 X 39 | 9Υ50 | 5825 | 2п14 | 3930 |
| 31S | 9 X 50 | 7 Υ 59 | 3827 | 0П08 | 1 5 2 3 | 10 ¥ 47 | 8Y53 | 4818 | 1耳00 | 2518 | 11 X 44 | 9Υ46 | 5809 | 1Д51 | 3514 |
| 32S | 9¥55 | 7 Υ 56 | 3812 | 29846 | 1906 | 10 ¥ 52 | 8Υ49 | 4802 | 0П37 | 2502 | 11 X 49 | 9Υ42 | 4853 | 1 Д 28 | 2957 |
| | 10 ¥ 01 10 ¥ 06 | 7 Υ 52 7 Υ 49 | 2856 2840 | 29 8 22 28 8 59 | 0©50 0©32 | 10 X 57 11 X 03 | 8 Υ 45 8 Υ 41 | 3846 3830 | 0П13 29 8 50 | 19945 19927 | 11 X 54 11 X 59 | 9 Y 37 9 Y 33 | 4836 4819 | 1 II 04 0 II 40 | 2 5 4 0 2 5 2 3 |
| - 1 | | | | | | | | | | | | | | | |
| | 10 × 12 10 × 18 | 7Ƴ45 7Ƴ42 | 2824 2807 | 28 8 35 28 8 11 | 0©14 29∏56 | 11 X 08 11 X 14 | 8 Ƴ 37 8 Ƴ 33 | 3813 2856 | 29825 29801 | 19310 0951 | 12 ¥ 04 12 ¥ 10 | 9Υ29 9Υ24 | 4802 3845 | 0П16 29 8 51 | 2©05 1©47 |
| | 10 X 18 | 7 Y 42 | 1851 | 27846 | 29 II 30 29 II 37 | 11 X 19 | 8Υ29 | 2839 | 28836 | 0931 | 12 X 15 | 9Υ20 | 3828 | 29826 | 19547 |
| | 10 X 29 | 7Υ34 | | | 29 Д 18 | | 8Υ25 | | 28811 | | 12 × 20 | 9Υ15 | | 29800 | 1508 |
| 39S | 10 ¥ 35 | 7 Ƴ 31 | 1817 | 26856 | 28П58 | 11 X 31 | 8Y21 | 2805 | 27845 | 29П53 | 12 ∺ 26 | 9Υ11 | 2853 | 28834 | 0ഇ49 |
| 40S | 10 X 42 | 7 Ƴ 27 | 1800 | 26830 | 28П38 | 11 X 36 | 8 Ƴ 17 | 1848 | 27819 | 29П33 | 12 X 31 | 9 Υ 06 | 2835 | 28808 | 0928 |
| | 10 ¥ 48 | 7 Y 23 | 0843 | 26803 | 28 Д 17 | 11 X 42 | 8 Ƴ 12 | 1830 | 26852 | 29 Д 12 | 12 X 37 | 9Υ02 | 2817 | 27840 | 0907 |
| | 10 X 54 | 7 ° 19 | 0826 | 25836 | 27II 56 | 11 X 48 | 8Υ08 | 1812 | 26824 | 28 11 51 | 12 × 43 | 8Y57 | 1859 | 27813 | 29П45 |
| | 11 X 01 11 X 07 | 7Υ15 7Υ11 | 0808 29℃50 | 25 8 09 24 8 40 | 27 II 34 27 II 11 | 11 X 55 12 X 01 | 8 ℃ 04 7 ℃ 59 | 0854 0835 | 25856 25828 | 28 II 28 28 II 05 | 12 X 49 12 X 55 | 8 Y 52 8 Y 47 | 1840 1821 | 26 8 44 26 8 16 | 29 II 23 29 II 00 |
| - 1 | 11 X 14 | 7 Υ 07 | 29 Y 32 | 24812 | 26П47 | 12 × 08 | 7Y55 | 0817 | 24859 | 27 II 41 | 13 X 01 | 8Υ42 | 1802 | 25846 | 28 Д 36 |
| | 11 X 14 | 7Υ·07 7Υ·03 | 29 Y 32 29 Y 13 | 23842 | 26II 47 26II 23 | 12 X 08 | 7 Y 50 | 29 Y 58 | 24829 | 27 II 41 27 II 17 | 13 X 01 | 8 Y 37 | 0842 | 25816 | 28 II 11 |
| | 11 X 28 | 6Υ59 | 28 Y 54 | 23812 | 25 II 57 | 12 X 21 | 7Υ46 | 29 Y 38 | 23858 | 26П51 | 13 X 14 | 8Y32 | 0822 | 24845 | 27 Д 46 |
| | 11 X 36 | 6Υ55 | 28Ƴ35 | 22841 | 25 Д 31 | 12 ¥ 28 | 7Υ41 | 29Υ19 | 23827 | 26П25 | 13 ¥ 20 | 8Υ27 | 0802 | 24813 | 27П19 |
| 49S | 11 X 43 | 6 Υ 50 | 28 Ƴ 15 | 22809 | 25 Д 03 | 12 ¥ 35 | 7 Ƴ 36 | 28 ⋎ 58 | 22855 | 25 Д 57 | 13 ¥ 27 | 8Υ22 | 29Ƴ42 | 23840 | 26П52 |
| | 11 X 51 | 6Υ46 | 27Ƴ55 | 21837 | 24П35 | 12 X 42 | 7Υ31 | 28 Y 38 | 22822 | 25П29 | 13 ¥ 34 | 8Υ16 | 29℃21 | 23807 | 26П23 |
| | 11 X 59 | 6Υ42 | 27Υ35 | 21804 | 24 11 05 | 12 × 50 | 7Υ26 | 28 Y 17 | 21848 | 24 11 59 | 13 X 41 | 8Υ11 8Υ05 | 28Y59 | 22833 | 25 II 53 |
| | 12 ¥ 07 12 ¥ 15 | 6 ° 37 6 ° 32 | 27 ° 14 26 ° 53 | 20829 19854 | 23 II 35 23 II 02 | 12 ¥ 58 13 ¥ 06 | 7 ° 21 7 ° 16 | 27 Υ 56 27 Υ 34 | 21813 20838 | 24 II 28 23 II 56 | 13 X 49 13 X 56 | 8 Y 05 7 Y 59 | 28 Y 38 28 Y 15 | 21857 21821 | 25 II 22 24 II 49 |
| | 12 X 13 | 6Υ27 | 26 Y 31 | 19834 | 22 II 29 | 13 X 00 | 7Υ10 7Υ11 | $27 \Upsilon 12$ | 20838 | 23 II 20 23 II 22 | 14 X 04 | 7 Y 54 | 27 Y 53 | 20844 | 24 II 49 24 II 15 |
| 55S | 12¥33 | 6Υ23 | 26Y09 | 18840 | 21 Д 54 | 13 X 23 | 7Υ05 | 26°Y49 | 19823 | 22 П 46 | 14 X 12 | 7Υ48 | 27 Y 29 | 20805 | 23 Д 39 |
| | 12 × 42 | 6Υ18 | 25 ° 47 | 18802 | 21 II 17 | 13 X 23 | 7Υ00 | 26Υ26 | 18844 | 22 II 09 | 14 × 21 | 7Υ41 | 27Υ05 | 19826 | 23 II 02 |
| 57S | 12 X 52 | 6 Υ 12 | 25Ƴ23 | 17822 | 20П38 | 13 X 41 | 6 Ƴ 54 | 26Y02 | 18803 | 21 Д 30 | 14 ∺ 29 | 7 Ƴ 35 | 26Ƴ41 | 18845 | 22П23 |
| | 13 ¥ 02 | 6Υ07 | 24Y59 | 16841 | 19П57 | 13 ¥ 50 | 6Υ48 | 25 Y 38 | 17822 | 201149 | 14 ¥ 38 | 7Y29 | 26Y16 | 18802 | 21 11 41 |
| 59S | 13 ¥ 12 | 6 Y 02 | 24Ƴ35 | 15858 | 19П15 | 14 ₩ 00 | 6℃42 | 25 ℃ 13 | 16838 | 20П06 | 14 ¥ 48 | 7 ℃ 22 | 25 ℃ 50 | 17818 | 20П58 |
| | | 5Y56 | 24Y10 | 15815 | 18П29 | 14 ¥ 10 | 6Υ36 | 24°47 | 15854 | 19П21 | 14 X 57 | 7Υ15 | 25 ℃ 24 | 16833 | 20П12 |
| | 13 ¥ 23 | | | | 1717(1) | 14×21 | 6 ° 29 | 24Υ20 | 15808 | 18 Д 32 | 15 × 07 | 7Υ08 | 24 Υ 57 | 15846 | 19П23 18П32 |
| 61S | 13 ∺ 34 | 5 Υ 50 | 23 ℃ 44 | 14829 | 17 II 42 | 14422 | 60022 | 720057 | | | | 7 00 0 1 | 7/10070 | 1/19/50 | |
| 61S 62S | 13 ¥ 34 13 ¥ 45 | 5 ° 50 5 ° 44 | 23 Y 44 23 Y 18 | 13842 | 16П51 | 14 ¥ 32 14 ¥ 43 | 6Y23 | 23 \cdot 53 23 \cdot 25 | 14820 13830 | 17 II 41 | 15 X 18 | 7°701 6°754 | 24 Y 29 24 Y 00 | 14 8 58 | |
| 61S 62S 63S | 13 ∺ 34 | 5 Υ 50 | 23 ℃ 44 | | | 14 \times 32 14 \times 43 14 \times 55 | 6°723 6°716 6°709 | 23 \cdot 53 23 \cdot 25 22 \cdot 56 | 13830 | 17 II 41 16 II 47 15 II 50 | 15 X 18 15 X 29 15 X 40 | 7 Y 01 6 Y 54 6 Y 46 | 24\cdot 29 24\cdot 00 23\cdot 30 | 14807 | 17П37 |
| 61S 62S 63S 64S | 13 \ 34 13 \ 45 13 \ 57 14 \ 10 | 5 Υ 50 5 Υ 44 5 Υ 38 5 Υ 32 | 23 \gamma 44 23 \gamma 18 22 \gamma 50 22 \gamma 22 | 13842 12853 12802 | 16П51 15П58 15П01 | 14 X 43 14 X 55 | 6Υ16 6Υ09 | 23 Y 25 22 Y 56 | 13830 12839 | 16 I 147 15 I 150 | 15 X 29 15 X 40 | 6Υ54 6Υ46 | 24\gamma00 23\gamma30 | 14807 13815 | 17Д37 16Д39 |
| 61S 62S 63S 64S 65S | 13 \ 34 13 \ 45 13 \ 57 | 5Υ50 5Υ44 5Υ38 | 23 \(\cdot 44 \) 23 \(\cdot 18 \) 22 \(\cdot 50 \) | 13842 12853 | 16П51 15П58 | 14 X 43 | 6Υ16 | 23 ℃ 25 | 13830 | 16 I I47 | 15 ∺ 29 | 6Y54 | 24Ƴ00 | 14807 | |

| | Sid.Tin 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¥29 | 13 ℃ 02 | 14827 | 13П24 | 11502 | 11 X 34 | 14Ƴ07 | 15827 | 14П19 | 11957 | 12 X 38 | 15 ℃ 12 | 16827 | 15П15 | 12553 |
| 1S | 10 ¥ 34 | 12 Υ 57 | 14810 | 13 耳 04 | 10ഇ50 | 11 X 38 | 14℃02 | 15810 | 13 Д 59 | 119545 | 12 X 42 | 15℃06 | 16810 | 14耳55 | 12941 |
| 2S | 10 ¥ 38 | 12 Y 52 | 13853 | 12П44 | 10538 | 11 X 42 | 13Υ56 | 14852 | 13 Д 39 | 11534 | 12 X 46 | 15Υ00 | 15852 | 14П35 | 12529 |
| 3S 4S | 10 ¥ 42 10 ¥ 46 | 12 ° 47 12 ° 42 | 13 8 35 13 8 19 | 12 II 24 12 II 04 | 10©26 10©14 | 11 X 46 11 X 50 | 13 \gamma 51 13 \gamma 46 | 14 8 35 14 8 18 | 13 II 20 13 II 00 | 11522 | 12 X 50 12 X 53 | 14 Y 54 14 Y 49 | 15 8 34 15 8 17 | 14 II 15 13 II 55 | 12©17 12©06 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 10 ¥ 51 10 ¥ 55 | 12 Y 38 12 Y 33 | 13 8 02 12 8 45 | 11 II 44 11 II 25 | 10©03 9©51 | 11 X 54 11 X 58 | 13 Y 40 13 Y 35 | 14801 13844 | 12 II 40 12 II 20 | 10©58 10©46 | 12 X 57 13 X 01 | 14 Y 43 14 Y 38 | 14859 14842 | 13 II 35 13 II 15 | 11©54 11©42 |
| 7S | 10 X 55 | 12 Y 33 | 12828 | 11 II 25 11 II 05 | 9931 | 12 X 02 | 13 Y 33 | 13844 | 12 II 20 12 II 00 | 10934 | 13 × 01 | 14 Y 38 | 14842 | 12 II 55 | 11930 |
| 8S | 11 X 03 | 12 Y 23 | 12812 | 10耳45 | 9526 | 12 × 06 | 13Υ25 | 13810 | 11 Д 40 | 10522 | 13 × 08 | 14Y27 | 14808 | 12 Д 35 | 11518 |
| 9S | 11 ∺ 07 | 12Ƴ19 | 11856 | 10П25 | 9514 | 12 ¥ 10 | 13℃20 | 12853 | 11Д20 | 10510 | 13 ¥ 12 | 14Ƴ21 | 13851 | 12 Д 15 | 11506 |
| 10S | 11 X 11 | 12 ℃ 14 | 11839 | 10П06 | 9902 | 12 X 14 | 13 ℃ 15 | 12837 | 111100 | 9958 | 13 ∺ 16 | 14Ƴ16 | 13834 | 11Д55 | 10ഇ54 |
| 11S | 11 X 16 | 12℃09 | 11823 | 9П46 | 8950 | 12 X 17 | 13 ℃ 10 | 12820 | 10耳41 | 9546 | 13 X 19 | 14Ƴ11 | 13817 | 11 Д35 | 10ഇ41 |
| 12S | 11 × 20 | 12°05 | 11807 | 9п26 | 8937 | 12 ¥ 21 | 13Υ05 | 12804 | 10П20 | 9533 | 13 ¥ 23 | 14Υ05 | 13800 | 11 Д 15 | 10529 |
| 13S 14S | 11 ¥ 24 11 ¥ 28 | 12 Y 00 11 Y 56 | 10 8 51 10 8 35 | 9П06 8П46 | 8 9 25 8 9 12 | 12 ¥ 25 12 ¥ 29 | 13 \(\psi 00 \) 12 \(\psi 55 \) | 11847 11831 | 10П00 9П40 | 9 5 21 9 5 08 | 13 ¥ 27 13 ¥ 31 | 14 Y 00 13 Y 55 | 12844 12827 | 10 II 55 10 II 35 | 10©17 10©04 |
| | | | | | | | | | | | | | | | |
| 15S 16S | 11 ¥ 32 11 ¥ 36 | 11 ° 51 11 ° 47 | 10 8 19 | 8П26 8П06 | 7959 7947 | 12 ¥ 33 12 ¥ 37 | 12 \gamma 50 12 \gamma 46 | 11815 10858 | 9П20 9П00 | 8 9 55 8 9 42 | 13 ¥ 34 13 ¥ 38 | 13 Y 49 | 12 8 10 11 8 54 | 10 II 14 9 II 54 | 9 © 51 |
| 17S | 11 X 40 | 11 Y 42 | 9847 | 7 I I45 | 7934 | 12 X 41 | 12 Y 40 | 10838 | 8Д39 | 8929 | 13 × 42 | 13 γ 39 | 11837 | 9Д33 | 9925 |
| 18S | 11 X 45 | 11Υ38 | 9831 | 7П25 | 7920 | 12 X 45 | 12Υ36 | 10826 | 8П19 | 8516 | 13 X 45 | 13 Y 34 | 11821 | 9П13 | 9512 |
| 19S | 11 X 49 | 11Ƴ33 | 9815 | 7п04 | 7907 | 12 X 49 | 12 Y 31 | 10810 | 7Д58 | 8ত্ত03 | 13 X 49 | 13 ℃ 29 | 11804 | 8П52 | 8959 |
| 20S | 11 X 53 | 11Ƴ29 | 8 8 59 | 6П44 | 6953 | 12 X 53 | 12 Y 26 | 9853 | 7Д37 | 79549 | 13 X 53 | 13 ℃ 23 | 10848 | 8Д31 | 8945 |
| 21S | 11 X 57 | 11Υ24 | 8843 | 6Д23 | 6940 | 12 X 57 | 12 Υ 21 | 9837 | 7Ц16 | 7536 | 13 X 57 | 13Υ18 | 10831 | 8п10 | 8532 |
| 22S | 12 X 01 | 11Υ20 | 8827 | 6H02 | 6926 | 13 × 01 | 12°17 | 9821 | 6Ц55 | 79522 | 14 × 00 | 13Υ13 | 10814 | 7II48 | 8518 |
| 23S 24S | 12 ¥ 06 12 ¥ 10 | 11 Y 16 | 8 8 11 7 8 55 | 5П41 5П19 | 6912 5957 | 13 ¥ 05 13 ¥ 09 | 12 Y 12 12 Y 07 | 9804 8848 | 6Д34 6Д12 | 7©08 6©53 | 14 ¥ 04 14 ¥ 08 | 13 \(\psi 08 \) 13 \(\psi 03 \) | 9858 9841 | 7П27 7П05 | 8 9 04 7 9 49 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 12 ¥ 14 12 ¥ 19 | 11 ° 07 11 ° 02 | 7839 7822 | 4II 58 4II 36 | 5943 5928 | 13 X 13 13 X 17 | 12 ° 02 11 ° 57 | 8 8 31 8 8 15 | 5П50 5П28 | 6939 6924 | 14 X 12 14 X 16 | 12 \gamma 57 12 \gamma 52 | 9824 9807 | 6П43 6П21 | 7 9 35 |
| 20S | 12 X 19 | 10 Y 58 | 7822 7806 | 4H30 4H14 | 5913 | 13 X 17 | 11 Y 57 | 7 8 58 | 5П26 5П06 | 6909 | 14 X 10 | 12 Y 32 | 8 8 50 | 5 II 58 | 7905 |
| 28S | 12 ¥ 28 | 10 Y 53 | 6850 | 3Д51 | 4958 | 13 ¥ 26 | 11 ° 47 | 7841 | 4 I I43 | 5953 | 14 X 24 | 12 Y 42 | 8833 | 5Д35 | 6949 |
| 29S | 12 ∺ 32 | 10Ƴ48 | 6833 | 3П29 | 49642 | 13 ∺ 30 | 11Ƴ42 | 7824 | 4 I I21 | 5ഇ38 | 14 ∺ 28 | 12 Y 36 | 8816 | 5П12 | 6934 |
| 30S | 12 ∺ 37 | 10Ƴ44 | 6816 | 3П06 | 4গু26 | 13 ¥ 34 | 11Ƴ37 | 7 8 08 | 3Д57 | 5922 | 14 ¥ 32 | 12 Y 31 | 7 8 59 | 4П49 | 6 ඉ 18 |
| 31S | 12 X 41 | 10Ƴ39 | 6800 | 2П43 | 4509 | 13 X 39 | 11 ℃ 32 | 6850 | 3 Д 34 | 5905 | 14 ★ 36 | 12 ℃ 26 | 7841 | 4II25 | 6901 |
| 32S 33S | 12 X 46 | 10°735 | 5843 | 2П19 | 3953 | 13 X 43 13 X 48 | 11 ° 27 11 ° 22 | 6833 | 3 II 10 | 49649 | 14 ¥ 40 14 ¥ 45 | 12 \(\chi 20 \) 12 \(\chi 15 \) | 7824 | 4H01 | 5 9 44 |
| 34S | 12 X 51 12 X 56 | 10 \gamma 30 10 \gamma 25 | 5826 5809 | 1 II 55 1 II 31 | 3 9 36 | 13 X 48 | 11 Y 22 | 6816 5858 | 2П46 2П22 | 4931 4931 | 14 X 43 | 12 Y 13 | 7806 6848 | 3П37 3П12 | 5927 |
| 35S | 13 X 01 | 10Υ20 | 4852 | 11106 | 3900 | 13 X 57 | 11Υ12 | 5841 | 1Д57 | 3956 | 14¥53 | 12Υ04 | 6830 | 2П47 | 4952 |
| 36S | 13 X 01 | 10 Y 20 | 4834 | 0Д41 | 2942 | 14 × 02 | 11 Y 12 | 5823 | 1 Д 37 | 3538 | 14 X 53 | 11 Y 58 | 6812 | 2 П 22 | 4933 |
| 37S | 13 X 11 | 10Υ11 | 4816 | 0П16 | 2523 | 14 × 06 | 11Υ02 | 5805 | 1Д06 | 3519 | 15 ¥ 02 | 11Υ52 | 5853 | 1П56 | 4914 |
| 38S | | 10℃06 | 3859 | | 2904 | 14 X 11 | 10℃56 | 4847 | | 2959 | | 11 ℃ 47 | 5835 | | 3955 |
| 39S | 13 ∺ 21 | 10℃01 | 3841 | 29823 | 19544 | 14 X 16 | 10℃51 | 4828 | 0П13 | 2539 | 15 X 11 | 11 ℃41 | 5816 | 1 Д 02 | 3535 |
| 40S | 13 ¥ 26 | 9Υ56 | 3822 | 28857 | 1 5 2 3 | 14 ¥ 21 | 10℃45 | 4810 | 29846 | 2519 | 15 ¥ 16 | 11 ℃ 35 | 4857 | 0П35 | 3514 |
| 418 | 13 ¥ 32 | 9Υ51 | 3804 | 28829 | 1992 | 14 × 26 | 10°Y40 | 3851 | 29818 | 1958 | 15 × 21 | 11Υ29 | 4837 | 0П07 | 2553 |
| 42S 43S | 13 ¥ 37 13 ¥ 43 | 9 Υ 46 9 Υ 40 | 2845 2826 | 28 8 01 27 8 32 | 0941 0918 | 14 X 31 14 X 37 | 10 Y 34 10 Y 29 | 3831 3812 | 28 8 49 28 8 20 | 1936 | 15 ¥ 26 15 ¥ 31 | 11 Y 23 | 4818 3858 | 29 8 38 29 8 09 | 2931 |
| 44S | 13 X 48 | 9Υ35 | 2807 | 27803 | 29П55 | 14 × 42 | 10 Y 23 | 2852 | 27851 | 0950 | 15 × 36 | 11Υ11 | 3838 | 28839 | 19945 |
| 45S | 13 X 54 | 9Υ30 | 1847 | 26833 | 29П31 | 14 X 48 | 10 Υ 17 | 2832 | 27821 | 0ഇ26 | 15¥41 | 11 Y 05 | 3817 | 28808 | 1921 |
| 46S | 14 × 00 | 9Υ24 | 1827 | 26803 | 29П06 | 14 × 53 | 10 Y 11 | 2812 | 26850 | 0501 | 15 × 46 | 10°758 | 2856 | 27837 | 0956 |
| 47S | 14¥06 | 9Υ19 | 1807 | 25831 | 28П40 | 14 X 59 | 10℃05 | 1851 | 26818 | 29 Д 35 | 15 ¥ 52 | 10 ℃ 52 | 2835 | 27804 | 0@30 |
| 48S | 14 X 13 | 9Υ13 | 0846 | 24859 | 28 II 14 | 15 × 05 | 9Υ59 0Υ53 | 1830 | 25845 | 29П08 | 15 X 58 | 10°745 | 2813 | 26831 | 0 0 0 0 0 3 0 3 0 3 |
| 49S | 14¥19 | 9℃07 | 0825 | 24826 | 271146 | 15 X 11 | 9Υ53 | 1808 | 25812 | 28 11 40 | 16¥03 | 10 ℃ 38 | 1851 | 25858 | 29 Д 35 |
| 50S 51S | 14 ¥ 26 14 ¥ 33 | 9°701 8°755 | 0803 29Ƴ42 | 23852 23817 | 27 II 17 26 II 47 | 15 X 17 15 X 24 | 9 Ƴ 47 9 Ƴ 40 | 0846 0824 | 24837 24802 | 28 II 11 27 II 41 | 16 × 15 | 10 \gamma 32 10 \gamma 25 | 1829 1806 | 25 8 23 24 8 47 | 29 II 06 28 II 36 |
| 51S 52S | 14 X 33 | 8°7′55 8°7′49 | 29\\dagger42 29\dagger19 | 23817 | 26 II 47 26 II 16 | 15 X 24 15 X 31 | 9°7′40 | 0824 0801 | 23826 | 27II41 27II 10 | 16 X 15 16 X 22 | 10°7'25 10°Y'18 | 0843 | 24847 | 28 II 36 28 II 04 |
| 53S | 14 X 47 | 8Υ43 | 28Y56 | 22805 | 25 II 43 | 15 X 37 | 9Υ27 | 29 Y 38 | 22849 | 26 Д 37 | 16 × 28 | 10 Y 10 | 0819 | 23832 | 27П31 |
| 54S | 14 | 8 Ƴ 37 | 28Ƴ33 | 21827 | 25П09 | 15 X 44 | 9Υ20 | 29Ƴ14 | 22810 | 26П02 | 16 ∺ 35 | 10℃03 | 29Ƴ54 | 22853 | 26П56 |
| 55S | 15 ∺ 02 | 8 Y 30 | 28Ƴ09 | 20848 | 24 Д 33 | 15 ∺ 52 | 9Υ13 | 28Ƴ49 | 21831 | 25 Д 26 | 16 ₩41 | 9Υ55 | 29 Y 29 | 22813 | 26П20 |
| 56S | 15 ¥ 10 | 8Υ23 | 27 ° 45 | 20808 | 23 Д 55 | 15 ¥ 59 | 9Υ05 | 28Y24 | 20850 | 24 11 48 | 16¥49 | 9℃47 | 29℃04 | 21832 | 25 II 42 |
| 57S | 15 ¥ 18 | 8Y17 | 27Y20 | 19826 | 23 II 15 | 16 × 15 | 8Y58 | 27 Y 59 | 20807 | 24 Д 08 | 16 X 56 | 9Υ39 | 28 Y 37 | 20849 | 25 II 02 24 II 19 |
| 58S 59S | 15 ¥ 27 15 ¥ 36 | 8 ° 10 8 ° 02 | 26 \gamma 54 26 \gamma 28 | 18 8 43 17 8 59 | 22 II 34 21 II 50 | 16 X 15 16 X 23 | 8 Y 50 8 Y 42 | 27 \gamma 32 27 \gamma 05 | 19 82 4 18 8 39 | 23 II 26 22 II 42 | 17 ¥ 03 17 ¥ 11 | 9Υ31 9Υ23 | 28 Y 10 27 Y 43 | 20 8 05 19 8 19 | 24 II 19 23 II 35 |
| 60S | 15 X 45 | 7°755 | 26Υ01 | 17812 | 21 11 04 | 16 × 32 | 8Υ34 | 26 Y 37 | 17852 | 21 Д 56 | 17×11 | 9Υ14 | 27Υ14 | 18831 | 22 II 48 |
| 61S | 15 X 45 | 7°47 | 25 Y 33 | 16825 | 20 II 15 | 16 X 32 | 8Y26 | 26 Y 09 | 17803 | 21 II 36 21 II 06 | 17 X 20 | 9 Y 14 9 Y 05 | 26°45 | 17842 | 22 II 48 21 II 58 |
| 62S | 16 × 04 | 7Υ39 | 25 Y 04 | 15835 | 19П23 | 16 × 51 | 8Υ18 | 25 Y 40 | 16813 | 20 Д 14 | 17 × 37 | 8Υ56 | 26 Y 15 | 16851 | 21 II 05 |
| 63S | 16¥15 | 7 Ƴ 31 | 24 Y 35 | 14844 | 18П28 | 17 ∺ 00 | 8Y09 | 25 Y 09 | 15821 | 19П18 | 17¥46 | 8 Y 46 | 25Ƴ44 | 15858 | 20П09 |
| 64S | 16 ¥ 25 | 7 Y 23 | 24Ƴ04 | 13851 | 17П29 | 17 X 11 | 8 Υ 00 | 24 Ƴ 38 | 14827 | 18П19 | 17 ∺ 56 | 8 Ƴ 36 | 25 Y 12 | 15803 | 19П09 |
| 65S | 16 ∺ 37 | 7 Υ 14 | 23 ℃ 33 | 12856 | 16П26 | 17 ¥ 21 | 7Υ50 | 24Y06 | 13831 | 17П16 | 18 ¥ 06 | 8Υ26 | 24Υ39 | 14806 | 18П05 |
| 66S | 16 × 49 | 7Υ05 | 23Υ00 229042 | 11858 | 15 II 20 | 17 × 32 | 7Υ40 | 23 Υ 33 | 12832 | 16 11 08 | 18 X 16 | 8Υ16 | 24 Y 05 | 13807 | 16II 57 |
| pc | 16 ¥ 55 | 7 Υ 00 | 22 Ƴ 42 | 11825 | 141140 | 17 X 39 | 7₩35 | 23 ℃ 14 | 11858 | 15 Д 28 | 18 ¥ 22 | 8 Y 10 | 23 Y 46 | 12832 | 16П17 |

| | Sid.Tin MC: | | 00m A 32'09 | RMC: 3 | 15°00' | Sid.Tir MC: | | 04m A 32'01 | RMC: 3 | 316°00' | Sid.Tir MC: | ne: 21h0 14≈ | 08m A 32'04 | RMC: 3 | 317°00' |
|------------|--|--|----------------------------------|----------------------------------|----------------------|--|----------------------------------|----------------------------------|----------------------------------|--------------------------------|--|---|--------------------|----------------------------------|--------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 13 X 43 | 16 Y 16 | 17827 | 16П11 | 13948 | 14 X 47 | 17 Y 21 | 18827 | 17П06 | 149344 | 15 X 52 | 18 Y 25 | 19827 | 18п02 | 15940 |
| 1S | 13 ¥ 46 | 16Ƴ10 | 17809 | 15 I I51 | 13537 | 14 X 51 | 17Ƴ14 | 18809 | 16耳46 | 14532 | 15 X 55 | 18 Ƴ 18 | 19808 | 17Ⅲ42 | 15\$28 |
| 2S | 13 ¥ 50 | 16℃04 | 16851 | 15 I I31 | 13525 | 14 X 54 | 17Ƴ08 | 17850 | 16耳26 | 14521 | 15 X 58 | 18 Y 11 | 18849 | 17П21 | 15916 |
| 38 | 13 X 53 | 15Υ58 | 16833 | 15 II 10 | 13513 | 14 X 57 | 17Υ01 | 17832 | 161106 | 14509 | 16¥01 | 18Υ04 | 18831 | 17П01 | 15905 |
| - 1 | 13 X 57 | 15 ℃ 52 | 16815 | 14 I I50 | 13501 | 15 ¥ 01 | 16℃55 | 17814 | 15П46 | 13557 | 16 ¥ 05 | 17℃58 | 18812 | 16П41 | 14953 |
| 5S | 14 ¥ 01 | 15 Y 46 | 15858 | 14П30 | 12550 | 15 ¥ 04 | 16Ƴ48 | 16856 | 15П26 | 135645 | 16 X 08 | 17 Y 51 | 17854 | 16П21 | 149641 |
| 6S | 14 × 04 | 15Υ40 | 15840 | 14 11 10 | 12538 | 15 × 07 | 16°Y42 | 16838 | 15II 06 | 13534 | 16¥11 | 17Υ44 | 17836 | 16 11 01 | 14930 |
| 7S 8S | 14 ¥ 08 14 ¥ 11 | 15 Y 34 15 Y 28 | 15 8 23 15 8 05 | 13 II 50 13 II 30 | 12©26 12©14 | 15 X 11 15 X 14 | 16 Y 36 16 Y 30 | 16 8 21 16 8 03 | 14 II 45 14 II 25 | 13©22 13©10 | 16 X 14 16 X 17 | 17 \mathfrak{\gamma}{38} | 17818 17800 | 15 II 40 15 II 20 | 14©18 14©06 |
| | 14 X 15 | 15 γ 20 15 γ 22 | 14848 | 13 II 10 | 12502 | 15 X 17 | 16 Y 24 | 15846 | 14 II 05 | 12558 | 16 X 20 | 17 Y 25 | 16843 | 15 II 00 | 13954 |
| 10S | 14 X 18 | 15 Ƴ 17 | 14831 | 12П50 | 11950 | 15 ¥ 20 | 16 Ƴ 17 | 15828 | 13 Д 45 | 12546 | 16 ¥ 23 | 17 Y 18 | 16825 | 14 I I40 | 13942 |
| | 14¥21 | 15Υ11 | 14814 | 12 Д 30 | 11937 | 15 × 24 | 16Υ11 | 15811 | 13 Д 15 | 12533 | 16 × 26 | 17Υ12 | 16807 | 14 Д 19 | 13529 |
| 12S | 14 ¥ 25 | 15℃05 | 13857 | 12 II 10 | 11925 | 15 ∺ 27 | 16Ƴ05 | 14853 | 13 耳 04 | 12521 | 16 X 29 | 17Ƴ05 | 15850 | 13 🛮 59 | 13ഇ17 |
| 13S | 14 ¥ 28 | 15 ⋎ 00 | 13840 | 11Ⅱ49 | 11912 | 15 ∺ 30 | 15℃59 | 14836 | 12∏44 | 12509 | 16 X 32 | 16℃59 | 15832 | 13 Д 38 | 13905 |
| 14S | 14 X 32 | 14か54 | 13823 | 11П29 | 115500 | 15 ¥ 33 | 15 ℃ 53 | 14819 | 12 Д23 | 11556 | 16 ¥ 35 | 16 Y 53 | 15815 | 13 Д 18 | 12952 |
| 15S | 14 ¥ 35 | 14Ƴ48 | 13806 | 11П09 | 10947 | 15 ∺ 37 | 15Ƴ47 | 14802 | 12耳03 | 115643 | 16 | 16Ƴ46 | 14857 | 12 Д 57 | 12540 |
| 16S | 14 × 39 | 14°°43 | 12849 | 10 II 48 | 10534 | 15 × 40 | 15°Y41 | 13845 | 11 11 42 | 11931 | 16¥41 | 16 740 | 14840 | 12 II 36 | 12527 |
| 17S 18S | 14 \times 42 14 \times 46 | 14 ° 37 14 ° 32 | 12 8 32 12 8 16 | 10 II 27 10 II 06 | 10©21 10©08 | 15 X 43 15 X 46 | 15 Y 35 15 Y 30 | 13 8 27 13 8 10 | 11 II 21 11 II 00 | 11©18 11©04 | 16 X 44 16 X 47 | 16 ° 34 16 ° 27 | 14822 14805 | 12 II 15 11 II 54 | 12©14 12©01 |
| 198 | 14 X 49 | 14 Y 32 | 11859 | 9П45 | 9955 | 15 X 40 | 15 Υ 30 15 Υ 24 | 12853 | 10Д39 | 10951 | 16 X 47 | 16 Y 27 | 13847 | 11 Д 34 | 119947 |
| 20S | 14¥53 | 14Υ21 | 11842 | 9П24 | 9941 | 15 X 53 | 15 Y 18 | 12836 | 10Д18 | 10538 | 16 X 53 | 16Υ15 | 13830 | 11 11 11 | 11934 |
| 21S | 14 X 57 | 14 Y 15 | 11825 | 9П03 | 9928 | 15 X 56 | 15 Y 12 | 12819 | 9Д56 | 10938 | 16 X 56 | 16 Y 09 | 13812 | 10 Д 50 | 119534 |
| 22S | 15 X 00 | 14Υ09 | 11808 | 8П41 | 9914 | 16 × 00 | 15Y06 | 12801 | 9Д35 | 10510 | 16 X 59 | 16Y02 | 12855 | 10 Д28 | 11506 |
| 23S | 15 ¥ 04 | 14Υ04 | 10851 | 8п20 | 9500 | 16 X 03 | 15 ℃ 00 | 11844 | 9п13 | 9956 | 17 ¥ 03 | 15Υ56 | 12837 | 10П06 | 10@52 |
| 24S | 15 ¥ 07 | 13 ℃ 58 | 10834 | 7П58 | 8945 | 16 ¥ 07 | 14Ƴ54 | 11827 | 8П51 | 95642 | 17 ¥ 06 | 15 ℃ 50 | 12819 | 9П44 | 10538 |
| 25S | 15 ¥ 11 | 13 ℃ 53 | 10817 | 7П36 | 8931 | 16 ∺ 10 | 14Ƴ48 | 11809 | 8П28 | 9927 | 17 X 09 | 15Ƴ43 | 12802 | 9П21 | 10ഇ23 |
| 26S | 15 × 15 | 13°°47 | 9859 | 7Д13 | 8516 | 16 X 13 | 14°742 | 10852 | 8II 06 | 9512 | 17 × 12 | 15 Y 37 | 11844 | 8II 58 | 10509 |
| 27S 28S | 15 ¥ 18 15 ¥ 22 | 13 \gamma 41 13 \gamma 36 | 9842 9825 | 6П51 6П28 | 8©01 7©45 | 16 X 17 16 X 20 | 14 \gamma 36 14 \gamma 30 | 10 8 34 10 8 16 | 7 II 43 7 II 20 | 8557 8542 | 17 X 15 17 X 19 | 15 \gamma 31 15 \gamma 24 | 11826 11808 | 8Д35 8Д12 | 9 9 54 |
| | 15 X 26 | 13 γ 30 | 9807 | 6H04 | 7930 | 16 × 24 | 14Υ24 | 9858 | 6 I I56 | 8926 | 17 × 22 | 15Υ18 | 10850 | 7 I 148 | 9522 |
| | 15 X 30 | 13 ℃ 24 | 8850 | 5П41 | 7ඉ14 | 16 X 27 | 14 Ƴ 18 | 9840 | 6Ц33 | 8510 | 17¥25 | 15 Y 11 | 10831 | 7П24 | 9906 |
| 31S | 15 × 34 | 13 Y 19 | 8832 | 5II 17 | 6957 | 16 × 31 | 14Y12 | 9822 | 6П09 | 7954 | 17 × 29 | 15 Y 05 | 10813 | 7П00 | 8950 |
| | 15 ∺ 38 | 13 Y 13 | 8814 | 4II53 | 6940 | 16 ∺ 35 | 14 Y 06 | 9804 | 5П44 | 7937 | 17 ¥ 32 | 14 Y 58 | 9854 | 6Ц36 | 8533 |
| 33S | 15 × 42 | 13Υ07 | 7856 | 4II 28 | 6923 | 16 × 38 | 13Υ59 | 8846 | 5II 19 | 7920 | 17 ¥ 36 17 ¥ 39 | 14Υ52 | 9836 | 6II 10 | 8516 |
| | 15 X 46 | 13Υ01 | 7838 | 4II 03 | 6906 | 16 X 42 | 13Υ53 | 8827 | 4II54 | 7902 | | 14 ℃ 45 | 9817 | 5II45 | 7958 |
| | 15 ¥ 50 15 ¥ 54 | 12 Y 55 12 Y 49 | 7819 | 3Д38 | 5948 | 16 × 46 | 13°°47 | 8808 | 4 II 28 4 II 02 | 6944 | 17 × 43 | 14 \gamma 38 14 \gamma 32 | 8857 | 5 II 19 | 7 9 40 7 9 22 |
| 36S 37S | 15 X 54 | 12 Y 49 12 Y 43 | 7801 6842 | 3 II 12 2 II 46 | 5 9 29 | 16 X 50 16 X 54 | 13 \ \gamma 40 13 \ \gamma 34 | 7849 7830 | 3 II 36 | 6 5 26 6 5 07 | 17 ¥ 46 17 ¥ 50 | 14 Y 32 | 8838 8819 | 4 II 53 4 II 26 | 7903 |
| | | 12 Y 37 | | 2П19 | | | 13 ° 27 | 7811 | | | 17 × 54 | I | 7859 | 3 Д 59 | 6943 |
| 39S | 16 ∺ 07 | 12 Y 31 | 6804 | 1 Д 52 | 4931 | 17 ∺ 02 | 13Ƴ21 | 6851 | 2П41 | 5927 | 17 X 57 | 14Ƴ11 | 7 8 39 | 3Д31 | 6ණ23 |
| 40S | 16 ¥ 11 | 12 Y 25 | 5 8 44 | 1 Д 24 | 4গু10 | 17 ∺ 06 | 13 ℃ 14 | 6831 | 2П13 | 5906 | 18 ¥ 01 | 14 Y 04 | 7 8 18 | 3 Д 02 | 6903 |
| 41S | 16¥16 | 12 Y 18 | 5824 | 0Д55 | 3949 | 17 X 10 | 13℃07 | 6811 | 1 🎞 44 | 49345 | 18 X 05 | 13 ℃ 57 | 6858 | 2Д33 | 5গু41 |
| 42S | 16 ¥ 20 | 12°12 | 5804 | 0П26 | 3527 | 17 × 15 | 13°°01 | 5851 | 1П15 | 4523 | 18 X 09 | 13Υ49 | 6837 | 2П04 | 5519 |
| 43S 44S | 16 ¥ 25 16 ¥ 30 | 12 Y 05 11 Y 59 | 4844 4823 | 29 8 57 29 8 26 | 3504 2541 | 17 X 19 17 X 24 | 12 Υ 54 12 Υ 47 | 5830 5809 | 0П45 0П14 | 4900 3937 | 18 X 13 18 X 17 | 13 \(\gamma 42 \) 13 \(\gamma 35 \) | 6816 5854 | 1 II 33 1 II 02 | 4956 4933 |
| 45S | 16 X 35 | 11 Y 52 | 4802 | 28855 | | 17 X 28 | 12 Y 40 | 4847 | 29843 | | 18¥22 | 13 Y 27 | | 0Д31 | 4908 |
| 45S 46S | 16 × 40 | 11 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 3841 | 28824 | 2917 1952 | 17 X 28 | 12°740 12°732 | 4826 | 29811 | 35912 25947 | 18 H 22 | 13 \ \frac{12}{13} \ \ \partial \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 5832 5810 | 29 8 58 | 3943 |
| 47S | 16 × 45 | 11Υ38 | 3819 | 27851 | 1926 | 17 X 38 | 12Y25 | 4803 | 28838 | 2521 | 18 ¥ 30 | 13 Y 11 | 4848 | 29825 | 3517 |
| 48S | 16 ¥ 50 | 11 Y 31 | 2857 | 27818 | 0ഇ58 | 17 X 43 | 12 Ƴ 17 | 3841 | 28804 | 1954 | 18 ¥ 35 | 13 Y 03 | 4824 | 28850 | 2950 |
| 49S | 16 X 55 | 11℃24 | 2835 | 26843 | 0930 | 17 ∺ 48 | 12 Υ 10 | 3818 | 27829 | 1526 | 18 ¥ 40 | 12 Υ 55 | 4801 | 28815 | 2521 |
| 50S | 17¥01 | 11 ° 17 | 2812 | 26808 | 0901 | 17 ¥ 53 | 12 Y 02 | 2854 | 26854 | 0956 | 18 × 45 | 12°°47 | 3837 | 27839 | 1952 |
| | 17 ¥ 07 17 ¥ 13 | 11Y09 | 1848 | 25 8 32 24 8 55 | 29П31 | 17 X 58 | 11 Y 54 | 2830 | 26 8 17 25 8 39 | 0©26 29 II 54 | 18 X 50 | 12 \gamma 38 12 \gamma 30 | 3812 | 27802 | 1 5 2 1 0 5 4 9 |
| 52S 53S | 17 X 13 | 11 \(\cdot 02 \) 10 \(\cdot 54 \) | 1824 1800 | 24833 | 28 II 59 28 II 25 | 18 ¥ 04 18 ¥ 09 | 11 Y 46 11 Y 37 | 2806 1841 | 25800 | 29 II 34 29 II 20 | 18 X 55 19 X 00 | 12 \(\gamma \) 30 \\ 12 \(\gamma \) 21 | 2847 2822 | 26 8 24 25 8 44 | 0949 |
| | 17 X 25 | 10Υ46 | 0835 | 23837 | 27 Д 50 | 18 X 15 | 11Υ29 | 1815 | 24820 | 28 Д 45 | 19 × 05 | 12 Y 12 | 1856 | 25804 | 29П40 |
| 55S | 17 3 1 | 10Ƴ38 | 0809 | 22856 | 27П14 | 18 × 21 | 11 Y 20 | 0849 | 23839 | 28П08 | 19 米 11 | 12 Y 03 | 1829 | 24822 | 29П03 |
| 56S | 17 ∺ 38 | 10℃29 | 29Ƴ43 | 22814 | 26耳35 | 18 ∺ 27 | 11 Y 11 | 0822 | 22856 | 27П29 | 19 X 17 | 11 Y 53 | 1802 | 23838 | 28П24 |
| | 17 × 45 | 10Y21 | 29Y16 | 21830 | 25 II 55 | 18 ¥ 34 | 11 7 02 | 29 Y 55 | 22812 | 26 11 49 | 19 ¥ 23 | 11 7 43 | 0834 | 22854 | 27П43 |
| | 17 ¥ 52 17 ¥ 59 | 10 Y 12 10 Y 03 | 28 Y 49 28 Y 20 | 20 8 45 19 8 59 | 25 II 13 24 II 28 | 18 X 40 18 X 47 | 10 ℃ 53 10 ℃ 43 | 29 Y 27 28 Y 58 | 21826 20839 | 26 II 06 25 II 21 | 19 X 29 19 X 35 | 11 Y 33 11 Y 23 | 0805 29°735 | 22 8 07 21 8 19 | 27П00 26П14 |
| | | | | | | | | | | | l . | | | | |
| 60S 61S | 18 ¥ 07 18 ¥ 15 | 9 Υ 54 | 27 Υ 51 27 Υ 21 | 19 8 11 18 8 21 | 23 II 40 22 II 50 | 18 X 54 19 X 02 | 10 \gamma 33 10 \gamma 23 | 28 \cdot 28 27 \cdot 57 | 19850 19800 | 24 II 33 23 II 42 | 19 X 42 19 X 49 | 11 Y 13 11 Y 02 | 29 Y 05 28 Y 33 | 20830 19838 | 25 II 26 24 II 35 |
| | 18 X 23 | 9Υ34 | 26Υ50 | 17829 | 21 II 57 | 19 X 10 | 10 Y 23 | 27Υ26 | 18807 | 22 II 48 | 19 X 56 | 10 Y 51 | 28 Y 01 | 18845 | 23 II 41 |
| 63S | 18 X 32 | 9Υ24 | 26Υ19 | 16835 | 21 Д00 | 19 X 18 | 10 Y 01 | 26Y53 | 17812 | 21 Д 51 | 20 X 03 | 10Υ39 | 27Υ28 | 17849 | 22 Д 43 |
| 64S | 18 ¥ 41 | 9 Ƴ 13 | 25Ƴ46 | 15839 | 20П00 | 19 ¥ 26 | 9Υ50 | 26Ƴ20 | 16816 | 20П50 | 20 ¥ 11 | 10℃27 | 26Ƴ54 | 16852 | 21П41 |
| 65S | 18 ¥ 50 | 9℃02 | 25Ƴ12 | 14841 | 18П55 | 19 X 35 | 9Ƴ39 | 25Ƴ45 | 15817 | 19П45 | 20 X 19 | 10 Y 15 | 26Ƴ18 | 15852 | 20П36 |
| | 19 ¥ 00 | 8Y51 | 24°737 | 13841 | 17II46 | 19 X 44 | 9Υ27 | 25 Y 10 | 14815 | 18 11 36 | 20 ¥ 28 | 10Υ02 | 25°42 | 14849 | 19П25 |
| pc | 19 × 06 | 8Υ45 | 24 Ƴ 17 | 13806 | 17Ⅲ05 | 19 X 49 | 9℃20 | 24Ƴ49 | 13840 | 17П54 | 20 X 33 | 9Υ55 | 25℃21 | 14813 | 18Ⅲ44 |

| | Sid.Tin MC: | | 12m A 32'18 | RMC: 3 | 18°00' | Sid.Tir MC: | | 16m A 32'42 | RMC: 3 | 319°00' | Sid.Tir MC: | ne: 21h2 17≈ | 20m A 33'18 | RMC: 3 | 320°00' |
|--------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|-------------------------------------|----------------------------------|----------------------------------|----------------------|--|---------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16 ∺ 57 | 19Ƴ30 | 20826 | 18П57 | 16935 | 18 ∺ 02 | 20 Y 34 | 21825 | 19П53 | 17531 | 19 x 07 | 21 Y 38 | 22824 | 20П48 | 18927 |
| 1S | 17 ∺ 00 | 19Ƴ22 | 20807 | 18П37 | 16ഇ24 | 18 ∺ 04 | 20Y26 | 21806 | 19П32 | 17520 | 19 X 09 | 21 Y 30 | 22805 | 20П28 | 18516 |
| 2S | 17 ¥ 03 | 19 ℃ 15 | 19848 | 18 I 17 | 16912 | 18 X 07 | 20Υ18 | 20847 | 19П12 | 17508 | 19 X 12 | 21 γ 22 | 21845 | 20П07 | 18905 |
| 3S 4S | 17 ¥ 06 17 ¥ 08 | 19 Y 08 19 Y 00 | 19 8 29 | 17II 56 17II 36 | 16 ඉ 01 15 ඉ 49 | 18 X 10 18 X 12 | 20 Y 11 20 Y 03 | 20828 20809 | 18 II 52 18 II 31 | 16957 16945 | 19 X 14 19 X 16 | 21 Y 14 21 Y 06 | 21826 21807 | 19П47 19П27 | 17©53 17©41 |
| | | | | | | | | | | | | | | | |
| 5S 6S | 17 X 11 17 X 14 | 18 Υ 53 | 18 8 52 | 17II 16 16II 56 | 15ඉ37 15ඉ26 | 18 X 15 18 X 18 | 19 Y 56 19 Y 48 | 19850 19832 | 18111 171151 | 16©34 16©22 | 19 X 19 19 X 21 | 20 \gamma 58 20 \gamma 50 | 20848 20829 | 19 II 06 18 II 46 | 17©30 17©18 |
| 7S | 17 X 17 | 18Υ39 | 18816 | 16Д35 | 15914 | 18 × 20 | 19Υ41 | 19813 | 17 II 31 | 16910 | 19 X 24 | 20 Y 42 | 20811 | 18 II 25 | 17906 |
| 8S | 17 ∺ 20 | 18 Ƴ 32 | 17858 | 16 I I15 | 15©02 | 18 ∺ 23 | 19Υ34 | 18855 | 17 I 10 | 15958 | 19 X 26 | 20 Y 35 | 19852 | 18耳05 | 16955 |
| 9S | 17 ¥ 23 | 18 Ƴ 26 | 17840 | 15П55 | 14950 | 18 ∺ 25 | 19℃26 | 18837 | 16 I I50 | 15946 | 19 ¥ 28 | 20℃27 | 19833 | 17Ⅱ44 | 16943 |
| 10S | 17 ∺ 25 | 18 Ƴ 19 | 17822 | 15Ⅲ34 | 14938 | 18 ¥ 28 | 19 Y 19 | 18818 | 16П29 | 15534 | 19 ¥ 31 | 20Y20 | 19815 | 17Ⅲ24 | 16931 |
| 118 | 17 ¥ 28 | 18Υ12 | 17804 | 15 II 14 | 14526 | 18 ¥ 31 | 19Υ12 | 18800 | 16 11 08 | 15@22 | 19 ¥ 33 | 20Υ12 | 18857 | 17 Д 03 | 16519 |
| 12S 13S | 17 ★ 31 17 ★ 34 | 18 Υ 05 17 Υ 58 | 16 8 46 16 8 28 | 14 II 53 14 II 33 | 14©14 14©01 | 18 ¥ 33 18 ¥ 36 | 19 Y 05 | 17842 17824 | 15 II 48 15 II 27 | 15©10 14©58 | 19 ¥ 35 19 ¥ 38 | 20 \(\psi 05 \) | 18 8 38 | 16 II 42 16 II 22 | 16 ඉ 07 15 ඉ 54 |
| 14S | 17 X 37 | 17Υ52 | 16810 | 14 II 12 | 13949 | 18 × 38 | 18Υ51 | 17806 | 15 II 27 | 14936 | 19 X 40 | 19Υ50 | 18802 | 16 II 01 | 15934 |
| 15S | 17 | 17 Ƴ 45 | 15853 | 13П51 | 13536 | 18 ¥ 41 | 18 Y 44 | 16848 | 14 I I45 | 14533 | 19 X 42 | 19 Ƴ 42 | 17843 | 15 I I40 | 15@29 |
| 16S | 17 X 42 | 17 Y 38 | 15835 | 13 II 30 | 13@23 | 18 X 43 | 18 Y 37 | 16830 | 14 II 43 14 II 24 | 14933 | 19 X 45 | 19 Y 42 | 17825 | 15 II 18 | 15@16 |
| 17S | 17 ∺ 45 | 17 Ƴ 32 | 15817 | 131109 | 13510 | 18 ¥ 46 | 18 Y 30 | 16812 | 14 I I03 | 14507 | 19 ∺ 47 | 19Ƴ28 | 17807 | 14 I I57 | 15©04 |
| 18S | 17 × 48 | 17Y25 | 14859 | 12П48 | 12557 | 18 × 49 | 18Y23 | 15854 | 13 II 42 | 13554 | 19 × 49 | 19 7 20 | 16848 | 14 II 36 | 14951 |
| 19S | 17 ¥51 | 17 ℃ 18 | 14842 | 12П26 | 12544 | 18¥51 | 18Υ16 | 15836 | 13 11 20 | 135641 | 19 X 52 | 19 ℃ 13 | 16830 | 14П14 | 14937 |
| 20S | 17 × 54 | 17Υ12 | 14824 | 12 II 05 | 12@30 | 18 X 54 | 18Y09 | 15818 | 12 Д 58 | 13527 | 19 X 54 | 19Υ06 | 16812 | 13 II 52 | 14©24 14©10 |
| 21S 22S | 17 ¥ 56 17 ¥ 59 | 17\cdot\05 | 14 8 06 13 8 48 | 11 II 43 11 II 21 | 12©17 12©03 | 18 X 56 18 X 59 | 18 Y 02 | 15 8 00 14 8 42 | 12 II 37 12 II 14 | 13©14 13©00 | 19 X 57 19 X 59 | 18 Y 58 18 Y 51 | 15 8 53 | 13 II 30 13 II 08 | 13957 |
| 23S | 18 X 02 | 16 Y 52 | 13830 | 10П59 | 11949 | 19 × 02 | 17 Y 48 | 14823 | 11 II 52 | 12546 | 20 × 01 | 18 Y 44 | 15816 | 12 II 45 | 13937 |
| 24S | 18 ¥ 05 | 16Ƴ45 | 13812 | 10П37 | 11535 | 19 ∺ 04 | 17Ƴ41 | 14805 | 11 I I30 | 12531 | 20 ¥ 04 | 18 Y 36 | 14858 | 12П23 | 13528 |
| 25S | 18 ¥ 08 | 16Ƴ39 | 12854 | 10П14 | 11520 | 19 x 07 | 17 Y 34 | 13847 | 11 I 107 | 12517 | 20 × 06 | 18 Ƴ 29 | 14839 | 12П00 | 13514 |
| 26S | 18 ₩11 | 16 Y 32 | 12836 | 9П51 | 11905 | 19 X 10 | 17 Y 27 | 13828 | 10∏44 | 12502 | 20 X 09 | 18 Y 21 | 14820 | 11Д36 | 12959 |
| 27S | 18 X 14 | 16Υ25 | 12818 | 9П28 | 10@50 | 19 X 13 | 17Υ20 | 13810 | 10 II 20 | 119547 | 20 X 11 | 18 Y 14 | 14801 | 11 II 13 | 12544 |
| 28S 29S | 18 ¥ 17 18 ¥ 20 | 16 Y 18 | 11859 11841 | 9П04 8П40 | 10න35 10න19 | 19 X 15 19 X 18 | 17 Y 13 | 12 8 51 12 8 32 | 9П57 9П33 | 11©32 11©16 | 20 X 14 20 X 16 | 18 ⋎ 07 17 ⋎ 59 | 13842 13823 | 10П49 10П25 | 12©29 12©13 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 18 ¥ 23 18 ¥ 26 | 16 Y 05 15 Y 58 | 11822 11803 | 8П16 7П52 | 10ණ03 9ණ47 | 19 X 21 19 X 24 | 16 Y 58 | 12 8 13 11 8 54 | 9II08 8II44 | 11©00 10©43 | 20 X 19 20 X 22 | 17 Υ 51 | 13 8 04 12 8 44 | 10 II 00 9 II 35 | 11©57 11©40 |
| 32S | 18 X 29 | 15 Y 51 | 10844 | 7П27 | 9930 | 19 X 27 | 16°744 | 11835 | 8II18 | 10527 | 20 X 24 | 17Y36 | 12825 | 9П10 | 11524 |
| 33S | 18 ∺ 33 | 15Ƴ44 | 10825 | 7 I I 02 | 9513 | 19 X 30 | 16 Y 36 | 11815 | 7II53 | 10509 | 20 X 27 | 17 Ƴ 28 | 12805 | 8П44 | 11506 |
| 34S | 18 ¥ 36 | 15Ƴ37 | 10806 | 6П36 | 8955 | 19 ∺ 33 | 16℃29 | 10856 | 7П27 | 9552 | 20 ¥ 30 | 17℃21 | 11845 | 8П18 | 10549 |
| 35S | 18 ∺ 39 | 15Ƴ30 | 9847 | 6П10 | 8937 | 19 ¥ 36 | 16Y21 | 10836 | 7 I 101 | 9534 | 20 X 32 | 17 Ƴ 13 | 11825 | 7II52 | 10@31 |
| 36S | 18 X 42 | 15Υ23 | 9827 | 5II 43 | 8518 | 19 X 39 | 16Υ14 | 10816 | 6II34 | 9515 | 20 ¥ 35 | 17°05 | 11804 | 7 II 25 | 10@12 |
| 37S 38S | 18 ¥ 46 | 15 Y 16 15 Y 08 | 9 8 07 8 8 47 | 5П16 4П49 | 7959 7940 | 19 X 42 19 X 45 | 16 Y 06 15 Y 59 | 9 8 55 9 8 35 | 6П07 5П39 | 8556 8537 | 20 \times 38 20 \times 41 | 16 Y 57 | 10844 10823 | 6П57 6П29 | 9 9 53 |
| 39S | 18 X 53 | 15Υ01 | 8826 | 4H20 | 7920 | 19 X 48 | 15Υ51 | 9814 | 5II10 | 8516 | 20 X 44 | 16°Y41 | 10802 | 6H00 | 9513 |
| 40S | 18¥56 | 14 Y 53 | 8806 | 3П52 | 6959 | 19 X 51 | 15 Y 43 | 8 8 53 | 4 I I41 | 7956 | 20 X 47 | 16 Y 32 | 9840 | 5Д31 | 8953 |
| 41S | 19 ¥ 00 | 14Υ46 | 7845 | 3П22 | 6938 | 19 X 55 | 15 Y 35 | 8831 | 4II 12 | 7934 | 20 × 50 | 16Y24 | 9818 | 5Д01 | 8931 |
| 42S | 19 ¥ 04 | 14Ƴ38 | 7823 | 2П52 | 6916 | 19 ¥ 58 | 15 ℃ 27 | 8810 | 3П41 | 7512 | 20 X 53 | 16 Y 15 | 8856 | 4 I I30 | 8509 |
| 438 | 19 X 07 | 14Y30 | 7802 6840 | 2 II 22 | 5953 | 20 ¥ 02 | 15 Y 18 | 7848 | 3 II 10 | 6949 | 20 ¥ 56 | 16°°07 | 8834 | 3 Π 59 | 7946 |
| 448 | 19 X 11 | 14 7 2 2 | 6840 | 1 1 50 | 5929 | 20 ¥ 05 | 15Υ10 | 7825 | 2Д39 | 6926 | 20 × 59 | 15°758 | 8811 | 3 II 27 | 7922 |
| 45S 46S | 19 X 15 19 X 19 | 14 Y 14 14 Y 06 | 6817 5855 | 1П18 0П45 | 5 ඉ 05 4 ඉ 39 | 20 \times 09 20 \times 13 | 15 \(\psi 02 \) 14 \(\psi 53 \) | 7 8 03 6 8 39 | 2 II 06 1 II 33 | 6901 5936 | 21 ¥ 02 21 ¥ 06 | 15 Y 49 15 Y 40 | 7848 7824 | 2 II 54 2 II 20 | 6958 6932 |
| 40S 47S | 19 X 19 | 13 Y 58 | 5 8 32 | 0П43 0П12 | 4939 | 20 X 13 | 14 γ 33 | 6816 | 0П59 | 5909 | 21 X 00 21 X 09 | 15 Y 40 | 7824 7800 | 1 Д 46 | 6906 |
| 48S | 19 ¥ 28 | 13Ƴ49 | 5808 | 29837 | 3546 | 20 ¥ 20 | 14 Y 35 | 5852 | 0П23 | 49642 | 21 X 13 | 15 ℃ 21 | 6 8 35 | 1 I I10 | 5938 |
| 49S | 19 ¥ 32 | 13Ƴ41 | 4844 | 29801 | 3917 | 20 X 24 | 14Y26 | 5 8 27 | 29847 | 4513 | 21 ¥ 16 | 15 Y 12 | 6810 | 0Д34 | 5910 |
| 50S | 19 ∺ 36 | 13 Ƴ 32 | 4820 | 28825 | 2947 | 20 ¥ 28 | 14 Y 17 | 5802 | 29810 | 3543 | 21 X 20 | 15 ⋎ 02 | 5 8 45 | 29856 | 4940 |
| 518 | 19 X 41 | 13Υ23 | 3855 | 27847 | 2516 | 20 ¥ 32 | 14Υ08 | 4837 | 28832 | 3512 | 21 ¥ 24 | 14°752 | 5819 | 29818 | 4509 |
| 52S 53S | 19 X 46 19 X 51 | 13 ° 14 13 ° 04 | 3829 3803 | 27808 26828 | 1 ୭ 4 4 1 ୭ 1 0 | 20 \times 37 20 \times 41 | 13 \(\cdot 58 \) 13 \(\cdot 48 \) | 4811 3844 | 27 8 53 27 8 13 | 25940 25906 | 21 ¥ 28 21 ¥ 32 | 14 \(\gamma 42 \) 14 \(\gamma 32 \) | 4852 4825 | 28 8 38 27 8 57 | 3©36 3©02 |
| 54S | 19 X 56 | 12 Y 55 | 2836 | 25847 | 0935 | 20 X 46 | 13 Y 38 | 3817 | 26831 | 1930 | 21 X 36 | 14 Y 21 | 3857 | 27814 | 2526 |
| 55S | 20 X 01 | 12 Υ 45 | 2809 | 25805 | 29П58 | 20 ¥ 51 | 13Y28 | 2849 | 25848 | 0953 | 21 ¥ 40 | 14Y10 | 3829 | 26831 | 15548 |
| 56S | 20 × 06 | 12 Y 35 | 1841 | 24821 | 29П18 | 20 × 55 | 13 Y 17 | 2820 | 25803 | 0513 | 21 X 45 | 13 Y 59 | 3800 | 25846 | 1909 |
| 57S | 20 X 12 | 12Υ ²⁵ | 1812 | 23835 | 28П37 | 21 X 00 | 13Υ06 | 1851 | 24817 | 29 Д 32 | 21 X 49 | 13 Y 47 | 2830 | 24859 | 0927 |
| 588 | 20 × 17 | 12Υ14 | 0843 | 22848 | 27 11 54 | 21 × 06 | 12Υ55 | 1821 | 23830 | 28 Д 48 | 21 X 54 | 13 Υ 36 | 1859 | 24811 | 29 Д 43 |
| 598 | 20 ¥ 23 | 12Υ03 | 0813 | 22800 | 27 11 08 | 21 × 11 | 12Υ43 | 0850 | 22840 | 28 П 02 | 21 × 59 | 13 Y 24 | 1827 | 23821 | 28 11 57 |
| 60S | 20 × 29 | 11 Y 52 | 29 ℃ 41 | 21809 | 26II 19 | 21 X 17 | 12Υ32 | 0818 | 21849 | 27 Д 13 | 22 × 04 | 13Υ11 | 0855 | 22829 | 28II 07 |
| 61S 62S | 20 \ 36 20 \ 42 | 11 ° 41 11 ° 29 | 29 ° 10 28 ° 37 | 20817 19823 | 25 II 28 24 II 33 | 21 ¥ 23 21 ¥ 29 | 12Υ20 12Υ07 | 29 Υ 46 29 Υ 12 | 20 8 56 20 8 01 | 26 II 21 25 II 26 | 22 ¥ 10 22 ¥ 15 | 12 \(\cdot 58 \) 12 \(\cdot 45 \) | 0822 29Ƴ47 | 21 835 20 839 | 27 II 15 26 II 19 |
| 63S | 20 X 49 | 11 Y 17 | 28 Y 03 | 18827 | 23 II 35 | 21 X 35 | 11Υ54 | 28 Y 37 | 19804 | 24 II 27 | 22 X 21 | 12 Y 32 | 29°12 | 19841 | 25 II 20 |
| 64S | 20 ¥ 56 | 11Ƴ04 | 27Ƴ28 | 17828 | 22П33 | 21 X 42 | 11Ƴ41 | 28Ƴ01 | 18804 | 23 Д 25 | 22 ¥ 27 | 12 Y 18 | 28 Ƴ 35 | 18841 | 24П17 |
| 65S | 21 X 04 | 10 Y 51 | 26 Y 51 | 16827 | 21П26 | 21 X 49 | 11 Y 27 | 27Ƴ24 | 17802 | 22 Д 18 | 22 X 33 | 12 Y 03 | 27 Ƴ 57 | 17838 | 23 Д 09 |
| | | | | | | | | | | | | | | | |
| 66S pc | 21 X 12 21 X 17 | 10 \gamma 37 10 \gamma 30 | 26 ° 14 25 ° 53 | 15 8 24 14 8 47 | 20 II 15 19 II 33 | 21 ¥ 56 22 ¥ 00 | 11 Y 13 | 26 Υ 46 26 Υ 24 | 15 8 58 15 8 21 | 21 II 06 20 II 23 | 22 ¥ 40 22 ¥ 44 | 11 Y 48 11 Y 39 | 27Ƴ18 26Ƴ56 | 16 8 32 15 8 54 | 21 II 56 21 II 13 |

| | Sid.Tin MC: | | 24m A 34'04 | RMC: 3 | 21°00' | Sid.Tir MC: | | 28m A 35'02 | RMC: 3 | 322°00' | Sid.Tir 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 |
| os | 20 X 12 | 22Ƴ42 | 23823 | 21 Д 43 | 19©24 | 21 X 17 | 23 Y 46 | 24821 | 22 Ц 39 | 20@20 | 22 X 22 | 24 Y 49 | 25820 | 23 Д34 | 21516 |
| 1S | 20 ¥ 14 | 22 Y 33 | 23803 | 21 Д23 | 19ഇ12 | 21 X 19 | 23 Y 37 | 24802 | 22 II 18 | 20ഇ09 | 22 X 24 | 24 Y 40 | 25800 | 23 Д 13 | 21505 |
| 2S | 20 × 16 | 22Y25 | 22844 | 21 11 02 | 19501 | 21 X 21 | 23Υ28 | 23842 | 21 11 58 | 19557 | 22 ¥ 26 | 24 Y 31 | 24840 | 22 11 53 | 20954 |
| 3S 4S | 20 ¥ 18 20 ¥ 21 | 22 \mathbb{\gamma}16 22 \mathbb{\gamma}08 | 22 8 24 22 8 05 | 20 II 42 20 II 22 | 18 9 49 | 21 ¥ 23 21 ¥ 25 | 23 Y 19 23 Y 10 | 23 8 22 23 8 03 | 21 II 37 21 II 17 | 19 9 46 | 22 X 27 22 X 29 | 24 Y 22 24 Y 13 | 24820 24800 | 22 II 32 22 II 12 | 20s42 20s31 |
| | | | | | | | | | | | l . | | | | |
| 5S 6S | 20 \times 23 20 \times 25 | 22 \cdot 00 21 \cdot 52 | 21846 21827 | 20II 01 19II 41 | 18 © 26 | 21 X 27 21 X 29 | 23 \(\psi 02 \) 22 \(\psi 53 \) | 22843 22824 | 20 II 56 20 II 36 | 19©23 19©11 | 22 ¥ 31 22 ¥ 32 | 24 \(\cdot 04 \) 23 \(\cdot 55 \) | 23841 23821 | 21 II 51 21 II 31 | 20©19 20©08 |
| 7S | 20 X 23 20 X 27 | $21 \Upsilon 32$ $21 \Upsilon 44$ | 21808 | 19II 41 19II 20 | 18903 | 21 X 29 21 X 30 | 22 Y 45 | 22805 | 20 II 30 20 II 15 | 19500 | 22 X 32 22 X 34 | 23 Y 46 | 23802 | 21 II 31 21 II 10 | 19956 |
| 8S | 20 X 29 | 21Υ36 | 20849 | 19П00 | 17951 | 21 X 32 | 22 Y 37 | 21846 | 19 Д 54 | 18948 | 22 X 36 | 23 Y 37 | 22842 | 20 II 49 | 19945 |
| 9S | 20 ¥ 31 | 21Ƴ28 | 20830 | 18 I I39 | 17539 | 21 X 34 | 22 Y 28 | 21827 | 19П34 | 18536 | 22 X 37 | 23 ℃ 29 | 22823 | 20П29 | 19533 |
| 10S | 20 ¥ 33 | 21 ℃ 20 | 20811 | 18П18 | 17927 | 21 X 36 | 22Y20 | 21808 | 19П13 | 18524 | 22 ¥ 39 | 23 Y 20 | 22804 | 20П08 | 19521 |
| 11S | 20 X 35 | 21 Y 12 | 19853 | 17 I I58 | 17915 | 21 X 38 | 22 Y 12 | 20849 | 18耳52 | 18512 | 22 X 41 | 23 Y 12 | 21845 | 19П47 | 19509 |
| 12S | 20 × 38 | 21Υ04 | 19834 | 17П37 | 17903 | 21 X 40 | 22Υ04 | 20830 | 181131 | 18500 | 22 X 42 | 23 Υ 03 | 21826 | 19П26 | 18957 |
| 13S 14S | 20 \times 40 20 \times 42 | 20 Y 56 20 Y 49 | 19 8 16 18 8 57 | 17II 16 16II 55 | 16©51 16©39 | 21 X 42 21 X 44 | 21 \gamma 56 21 \gamma 48 | 20811 19852 | 18 II 10 17 II 49 | 17935 | 22 ¥ 44 22 ¥ 46 | 22 Y 55 22 Y 46 | 21807 20848 | 19 I I05 18 I I44 | 18©45 18©33 |
| | | | | | | | | | | | | | | | |
| 15S | 20 \times 44 20 \times 46 | 20 ° 41 20 ° 33 | 18838 18820 | 16II34 16II12 | 16526 | 21 X 46 21 X 47 | 21 Υ 39 | 19 8 34 19 8 15 | 17II28 17II07 | 17©23 17©10 | 22 X 47 22 X 49 | 22 \gamma 38 22 \gamma 29 | 20828 | 18 II 22 | 18©20 18©08 |
| 16S 17S | 20 X 48 | 20°733 20°726 | 18801 | 15 II 51 | 16ඉ13 16ඉ00 | 21 X 47 21 X 49 | 21 \gamma 31 \\ 21 \gamma 23 | 18856 | 17Щ07 | 16958 | 22 X 49 22 X 50 | 22 Y 29 22 Y 21 | 20809 19850 | 18II01 17II39 | 17955 |
| 18S | 20 X 50 | 20Υ18 | 17843 | 15 II 29 | 15947 | 21 X 51 | 21 γ 25 | 18837 | 16 I I23 | 16935 | 22 X 52 | 22 Y 13 | 19831 | 17 II 17 | 17933 |
| 19S | 20 X 52 | 20Υ10 | 17824 | 15 Д 08 | 15@34 | 21 X 53 | 21Υ07 | 18818 | 16耳01 | 16931 | 22 X 54 | 22Υ°04 | 19812 | 16П55 | 17529 |
| 20S | 20 ¥ 55 | 20℃03 | 17806 | 14 I I46 | 15©21 | 21 X 55 | 20°759 | 17859 | 15П39 | 16518 | 22 ¥ 55 | 21 Y 56 | 18853 | 16П33 | 17915 |
| 21S | 20 X 57 | 19℃55 | 16847 | 14Ⅱ24 | 15ഇ07 | 21 X 57 | 20Y51 | 17840 | 15 I I7 | 16905 | 22 X 57 | 21 Y 48 | 18834 | 16耳11 | 17902 |
| 22S | 20 X 59 | 19Ƴ47 | 16828 | 14 11 01 | 14954 | 21 X 59 | 20Υ43 | 17821 | 14П55 | 15951 | 22 X 59 | 21 Υ 39 | 18814 | 15 Д 48 | 16948 |
| 23S 24S | 21 ¥ 01 21 ¥ 03 | 19 Ƴ 39 19 Ƴ 32 | 16 8 09 15 8 50 | 13 II 39 13 II 16 | 14940 14925 | 22 ¥ 01 22 ¥ 03 | 20 Y 35 20 Y 27 | 17802 16843 | 14 II 32 14 II 09 | 15©37 15©23 | 23 ¥ 01 23 ¥ 02 | 21 Y 31 21 Y 22 | 17855 17836 | 15 II 25 15 II 02 | 16©34 16©20 |
| | | | | | | | | | | | | | | | |
| 25S 26S | 21 ¥ 05 21 ¥ 08 | 19 ° 24 19 ° 16 | 15 8 31 15 8 12 | 12 II 53 12 II 29 | 14©11 13©56 | 22 ¥ 05 22 ¥ 07 | 20°19 20°11 | 16 8 24 16 8 04 | 13 П 46 13 П 22 | 15©08 14©53 | 23 \times 04 23 \times 06 | 21 Y 14 21 Y 06 | 17816 16856 | 14 II 39 14 II 15 | 16©06 15©51 |
| 20S 27S | 21 X 08 | 19 Y 10 | 14853 | 12 II 29 12 II 05 | 13930 | 22 X 07 22 X 09 | 20 Υ 11 20 Υ 03 | 15845 | 13 II 22 12 II 58 | 14933 | 23 X 07 | 20 Y 57 | 16836 | 13 II 51 | 15936 |
| 28S | 21 X 12 | 19℃01 | 14834 | 11 II 41 | 13526 | 22 X 11 | 19Υ55 | 15825 | 12 Д 34 | 14523 | 23 × 09 | 20Υ49 | 16816 | 13 Д26 | 15@21 |
| 29S | 21 X 15 | 18Ƴ53 | 14814 | 11 Д 17 | 13©10 | 22 X 13 | 19 Y 46 | 15805 | 12П09 | 14907 | 23 X 11 | 20 Y 40 | 15856 | 13 Д 02 | 15©05 |
| 30S | 21 X 17 | 18Ƴ45 | 13855 | 10П52 | 12954 | 22 X 15 | 19 Y 38 | 14845 | 11 Д 44 | 13951 | 23 ¥ 13 | 20Y31 | 15836 | 12 Д 37 | 14949 |
| 31S | 21 X 19 | 18Ƴ37 | 13835 | 10П27 | 12538 | 22 X 17 | 19 Y 30 | 14825 | 11П19 | 13535 | 23 X 15 | 20Υ23 | 15816 | 12П11 | 14533 |
| 32S | 21 ¥ 22 | 18 729 | 13815 | 10 11 02 | 12@21 | 22 X 19 | 19Υ21 | 14805 | 10 II 53 | 13518 | 23 X 17 | 20Υ14 | 14855 | 11 II 45 | 14916 |
| 33S 34S | 21 ¥ 24 21 ¥ 26 | 18 Y 21 18 Y 13 | 12 8 55 12 8 34 | 9П36 9П09 | 12©04 11©46 | 22 ¥ 21 22 ¥ 23 | 19 Y 13 | 13 8 44 13 8 24 | 10П27 10П01 | 13©01 12©44 | 23 ¥ 18 23 ¥ 20 | 20°705 19°756 | 14 8 34 14 8 13 | 11 П 19 10 П 52 | 13©59 13©41 |
| - 1 | | | | | | | | | | | | 19 7 47 | | 10 II 25 | |
| 35S 36S | 21 ¥ 29 21 ¥ 31 | 18 ⋎ 04 17 ⋎ 56 | 12 8 14 11 8 53 | 8 II 43 8 II 15 | 11©28 11©10 | 22 ¥ 26 22 ¥ 28 | 18 Y 56 | 13 8 03 12 8 42 | 9П34 9П06 | 12©26 12©07 | 23 ¥ 22 23 ¥ 24 | 19 \ \ \ 4 \ \ 19 \ \ 38 | 13852 13830 | 9П57 | 13©23 13©05 |
| 37S | 21 X 34 | 17 Y 48 | 11832 | 7 I I47 | 10950 | 22 X 30 | 18Υ38 | 12820 | 8Д38 | 119548 | 23 × 26 | 19Υ29 | 13809 | 9П29 | 12946 |
| | | 17Ƴ39 | 11811 | 7 I I19 | 10531 | 22 X 32 | 18Ƴ29 | 11859 | 8П09 | 11528 | 23 ¥ 28 | 19Υ19 | 12847 | 9П00 | |
| 39S | 21 X 39 | 17Ƴ30 | 10849 | 6П50 | 10ഇ11 | 22 X 35 | 18 Y 20 | 11837 | 7П40 | 11508 | 23 ¥ 30 | 19 Y 10 | 12824 | 8П30 | 12506 |
| 40S | 21 X 42 | 17Ƴ22 | 10827 | 6П20 | 9ഇ50 | 22 X 37 | 18 Y 11 | 11814 | 7 I 10 | 10947 | 23 ¥ 32 | 19 Y 01 | 12802 | 8 I I00 | 119945 |
| 41S | 21 X 45 | 17 Υ 13 | 10805 | 5 II 50 | 9928 | 22 X 40 | 18Υ02 | 10852 | 6Ц40 | 10526 | 23 ¥ 34 | 18Υ51 | 11839 | 7П29 | 11523 |
| 42S 43S | 21 ¥ 47 21 ¥ 50 | 17 ° 04 16 ° 55 | 9842 9820 | 5П19 4П48 | 9 9 06 8 9 43 | 22 X 42 22 X 45 | 17\dagger53 | 10829 10806 | 6Ц08 5Ц36 | 10©04 9©41 | 23 \ 37 23 \ 39 | 18 Y 41 18 Y 31 | 11815 10851 | 6П58 6П25 | 11©01 10©38 |
| 44S | 21 X 53 | 16 Y 46 | 8856 | 4H15 | 8919 | 22 X 47 | 17 Υ 33 | 9842 | 5Π04 | 99917 | 23 X 41 | 18 Y 21 | 10831 | 5 Π 52 | 10938 |
| 45S | 21 X 56 | 16 Y 36 | 8833 | 3П42 | 7955 | 22 X 50 | 17 Y 24 | 9818 | 4 I I30 | 8952 | 23 X 43 | 18Υ11 | 10803 | 5 I 18 | 9950 |
| 46S | 21 X 59 | 16 ¥ 27 | 8809 | 3H42 | 7933 | 22 X 52 | 17 γ 24 | 8853 | 3II56 | 8932 | 23 X 46 | 18 Y 01 | 9838 | 4 II 43 | 9930 |
| 47S | 22 ¥ 02 | 16Ƴ17 | 7 8 44 | 2П33 | 7න03 | 22 X 55 | 17 ⋎ 04 | 8828 | 3П20 | 8500 | 23 X 48 | 17 Y 50 | 9812 | 4 I I08 | 8957 |
| 48S | 22 ¥ 05 | 16 ℃ 07 | 7819 | 1 Д 57 | 6935 | 22 ¥ 58 | 16°Y 53 | 8803 | 2П44 | 7932 | 23 ¥ 51 | 17 Y 39 | 8846 | 3 Д 31 | 8530 |
| 49S | 22 X 09 | 15 Υ 57 | 6854 | 1П20 | 6906 | 23 ¥ 01 | 16℃43 | 7837 | 2П06 | 7503 | 23 ¥ 53 | 17 ℃ 28 | 8820 | 2П53 | 8501 |
| 50S | 22 × 12 | 15 ° 47 | 6828 | 0 II 42 | 5936 | 23 ¥ 04 | 16Υ32 | 7810 | 1 Д 28 | 6933 | 23 ¥ 56 | 17Υ17 | 7853 | 2П14 | 7931 |
| 51S 52S | 22 X 15 22 X 19 | 15 Ƴ 37 15 Ƴ 26 | 6801 5834 | 0П03 29 8 23 | 5 ඉ 05 4 ඉ 32 | 23 \times 07 23 \times 10 | 16 Y 21 16 Y 10 | 6843 6816 | 0П48 0П08 | 6902 5929 | 23 ¥ 59 24 ¥ 01 | 17\cdot\06 | 7825 6857 | 1Д34 0Д53 | 6 9 59 |
| 53S | 22 X 19 | 15 Y 26 | 5806 | 28841 | 3958 | 23 X 10 | 15 Y 59 | 5847 | 29826 | 4955 | 24 X 01 24 X 04 | 16 Y 42 | 6828 | 0Д33 | 5951 |
| 54S | 22 ¥ 26 | 15℃04 | 4838 | 27858 | 3522 | 23 X 17 | 15 ° 47 | 5818 | 28842 | 49518 | 24 X 07 | 16Y30 | 5859 | 29826 | 5915 |
| 55S | 22 X 30 | 14Υ52 | 4809 | 27814 | 25644 | 23 ¥ 20 | 15 Y 35 | 4849 | 27857 | 3540 | 24 X 10 | 16 Y 17 | 5829 | 28841 | 4937 |
| 56S | 22 X 34 | 14Ƴ41 | 3839 | 26828 | 2ഇ04 | 23 X 24 | 15℃23 | 4818 | 27811 | 3500 | 24 ¥ 13 | 16 Y 04 | 4858 | 27854 | 3957 |
| 57S | 22 ¥ 38 | 14Υ29 | 3808 | 25841 | 1922 | 23 X 27 | 15Υ10 | 3847 | 26823 | 2518 | 24 × 16 | 15 Υ 51 | 4826 | 27805 | 3514 |
| 58S | 22 X 43 22 X 47 | 14 Y 16 | 2837 | 24852 | 0ණ38 29π51 | 23 \ 31 23 \ 35 | 14 Y 57 | 3815 | 25 8 33 24 8 42 | 1534 0547 | 24 ¥ 20 | 15 Y 38 15 Y 24 | 3853 3820 | 26815 | 2 9 3 0 |
| 598 | | 14°04 | 2805 | 24801 | 29 11 51 | | | 2842 | | | 24 ¥ 23 | | 3820 | 25823 | |
| 60S 61S | 22 X 52 22 X 57 | 13 Y 51 13 Y 37 | 1832 0858 | 23 8 09 22 8 14 | 29 II 02 28 II 09 | 23 \times 39 23 \times 44 | 14 Y 30 | 2808 1834 | 23848 22853 | 29 II 57 29 II 03 | 24 ¥ 27 24 ¥ 30 | 15Υ10 14Υ55 | 2845 2810 | 24828 23832 | 0©52 29II58 |
| 62S | 22 H 37 23 H 02 | 13 \ \ 37 \ 13 \ \ \ 23 | 0823 | 21817 | 28 II 09 27 II 13 | 23 X 44 23 X 48 | 14 Y 16 14 Y 02 | 0858 | 21855 | 29 II 03 28 II 07 | 24 X 30 24 X 34 | 14 Y 33 | 1833 | 23 6 3 2 2 2 8 3 4 | 29 II 38 29 II 01 |
| 63S | 23 × 07 | 13 Y 09 | 29°Y46 | 20818 | 26II 13 | 23 ¥ 53 | 13°Y47 | 0821 | 20856 | 27 Д 07 | 24 ¥ 38 | 14Υ24 | 0855 | 21833 | 28II01 |
| 64S | 23 X 12 | 12Ƴ54 | 29Ƴ09 | 19817 | 25П09 | 23 ¥ 57 | 13 Y 31 | 29Ƴ43 | 19853 | 26П02 | 24 X 43 | 14 Y 08 | 0816 | 20830 | 26П56 |
| 65S | 23 X 18 | 12Ƴ39 | 28Ƴ30 | 18813 | 24П01 | 24 X 02 | 13 Y 15 | 29 Y 03 | 18848 | 24 Д 53 | 24 X 47 | 13 Y 51 | 29 Ƴ 36 | 19824 | 25П46 |
| 66S | | | | | 22-10 | 243700 | 120050 | 200022 | | 22-20 | 043450 | 120024 | 200055 | | 24 7 21 |
| pc | 23 \times 24 23 \times 27 | 12 ° 23 12 ° 14 | 27 Υ 51 27 Υ 28 | 17807 16828 | 22 II 48 22 II 04 | 24 ¥ 08 24 ¥ 11 | 12Υ59 12Υ49 | 28 \(\chi 23 \) 27 \(\chi 59 \) | 17841 17802 | 23 II 39 22 II 55 | 24 ¥ 52 24 ¥ 54 | 13 \gamma 34 13 \gamma 24 | 28 \gamma 55 28 \gamma 31 | 18 8 15 17 8 35 | 24 II 31 23 II 47 |

| | Sid.Tin MC: | | 36m A 37'29 | RMC: 3 | 24°00' | Sid.Tir MC: | | 40m A 38'59 | RMC: 3 | 325°00' | Sid.Tir MC: | ne: 21h₄ 23≈ | 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 | 22@13 | 24 X 33 | 26Y56 | 27816 | 25 Д 24 | 23509 | 25 ¥ 38 | 27Ƴ59 | 28814 | 26П19 | 24506 |
| 1S | 23 ¥ 29 | 25Ƴ43 | 25858 | 24 II 08 | 22501 | 24 X 34 | 26Ƴ46 | 26856 | 25Ⅲ04 | 22558 | 25 ¥ 39 | 27Ƴ49 | 27854 | 25 Ц 59 | 23955 |
| 2S | 23 ¥ 30 | 25 Y 34 | 25838 | 23 11 48 | 21950 | 24 X 35 | 26Υ36 | 26835 | 24 11 43 | 225647 | 25 X 40 | 27 Y 39 | 27833 | 25 II 38 | 235544 |
| 3S 4S | 23 ¥ 32 23 ¥ 33 | 25 \ \chi 24 \ 25 \ \chi 15 | 25 8 18 24 8 58 | 23 II 27 23 II 07 | 21539 | 24 ¥ 36 24 ¥ 38 | 26\cdot 26\cdot 17 | 26 8 15 25 8 55 | 24 II 22 24 II 02 | 22536 | 25 \ 41 25 \ 42 | 27 Y 29 27 Y 19 | 27 8 13 26 8 52 | 25 II 17 24 II 57 | 23@33 23@21 |
| | | | 24838 | | | | | | | | l . | | | | |
| 5S 6S | 23 \times 35 23 \times 36 | 25 \(\psi 05 \) 24 \(\psi 56 \) | 24838 | 22 II 46 22 II 26 | 21©16 21©05 | 24 \times 39 24 \times 40 | 26°°07 25°°58 | 25 8 35 25 8 15 | 23 II 41 23 II 20 | 22©13 22©02 | 25 \times 43 25 \times 44 | 27 Y 09 26 Y 59 | 26 8 32 26 8 12 | 24 II 36 24 II 15 | 23©10 22©59 |
| 7S | 23 × 38 | 24 Y 47 | 23859 | 22 II 05 | 20953 | 24 X 41 | 25 Υ 48 | 24855 | 23 II 00 | 21950 | 25 X 45 | 26°Y49 | 25852 | 23 II 55 | 22947 |
| 8S | 23 X 39 | 24Ƴ38 | 23839 | 21 Д 44 | 20ഇ42 | 24 X 42 | 25Ƴ39 | 24835 | 22П39 | 21539 | 25 X 46 | 26Ƴ39 | 25832 | 23 Ⅲ34 | 22536 |
| 9S | 23 ¥ 40 | 24Ƴ29 | 23820 | 21 Д23 | 20530 | 24 X 44 | 25℃29 | 24816 | 22 II 18 | 21527 | 25 X 47 | 26Ƴ30 | 25812 | 23 II 13 | 22524 |
| 10S | 23 X 42 | 24Ƴ20 | 23800 | 21 Д 02 | 20ഇ18 | 24 X 45 | 25Ƴ20 | 23856 | 21 Ⅲ 57 | 21515 | 25 X 48 | 26Ƴ20 | 24852 | 22 Д 52 | 22513 |
| 118 | 23 X 43 | 24Υ11 | 22841 | 20 11 41 | 20506 | 24 X 46 | 25Υ11 | 23837 | 21 Д 36 | 21503 | 25 × 49 | 26Υ10 | 24832 | 22 Д 31 | 22501 |
| 12S 13S | 23 \times 45 23 \times 46 | 24 \(\cdot 03 \) 23 \(\cdot 54 \) | 22821 22802 | 20 II 20 19 II 59 | 19©54 19©42 | 24 X 47 24 X 48 | 25 \(\cdot 02 \) 24 \(\cdot 53 \) | 23 8 17 22 8 57 | 21 II 15 20 II 54 | 20@51 20@39 | 25 \times 50 25 \times 50 | 26 \(\chi \) 01 25 \(\chi \) 51 | 24812 23853 | 22 II 10 21 II 48 | 21©49 21©37 |
| 14S | 23 X 47 | 23 Y 45 | 21843 | 19Д38 | 19930 | 24 X 49 | 24 Y 44 | 22838 | 20 II 32 | 20\$37 | 25 X 51 | 25 Y 42 | 23833 | 21 II 48 21 II 27 | 21937 |
| 15S | 23 X 49 | 23 Y 36 | 21823 | 19П17 | 19517 | 24 X 51 | 24Y34 | 22818 | 20 I 11 | 20@15 | 25 ¥ 52 | 25 ℃ 33 | 23813 | 21 Д05 | 21912 |
| 16S | 23 X 50 | 23 Y 27 | 21804 | 18II 55 | 19905 | 24 X 52 | 24 Y 25 | 21859 | 19П49 | 20502 | 25 X 53 | 25 \ \ \ 25 \ \ \ \ 23 | 22853 | 20 II 43 | 21900 |
| 17S | 23 ¥ 52 | 23 ℃ 19 | 20845 | 18П33 | 18952 | 24 ¥ 53 | 24Ƴ16 | 21839 | 19П27 | 19\$50 | 25 X 54 | 25 ℃ 14 | 22833 | 20П22 | 20ഇ47 |
| 18S | 23 ¥ 53 | 23Υ10 | 20825 | 18111 | 18539 | 24 ¥ 54 | 24°°07 | 21819 | 19П05 | 19537 | 25 ¥ 55 | 25 ℃ 04 | 22814 | 19П59 | 20@35 |
| 19S | 23 X 55 | 23 ℃ 01 | 20806 | 17П49 | 18526 | 24 X 55 | 23 ℃ 58 | 21800 | 18 I I43 | 19524 | 25 ¥ 56 | 24 ℃ 55 | 21854 | 19П37 | 20922 |
| 20S | 23 ¥ 56 | 22°53 | 19847 | 17II 27 | 18513 | 24 ¥ 57 | 23 Y 49 | 20840 | 18 II 21 | 19511 | 25 ¥ 57 | 24°Y46 | 21834 | 19П15 | 20509 |
| 21S 22S | 23 \times 57 23 \times 59 | 22 \ \ 44 22 \ \ 35 | 19827 19807 | 17II 04 16II 42 | 18 © 00 17 © 46 | 24 X 58 24 X 59 | 23 \gamma 40 23 \gamma 31 | 20820 20800 | 17II58 17II35 | 18©57 18©44 | 25 \times 58 25 \times 59 | 24 \cdot 36 24 \cdot 27 | 21814 20853 | 18 II 52 18 II 29 | 19©55 19©42 |
| 23S | 24 × 00 | 22 Y 26 | 18848 | 16П19 | 17932 | 25 ¥ 00 | 23 Y 22 | 19841 | 17 II 12 | 18930 | 26 × 00 | 24 Y 18 | 20833 | 18 II 05 | 19528 |
| 24S | 24 X 02 | 22 ℃ 18 | 18828 | 15 I I55 | 17518 | 25 ¥ 01 | 23 ℃ 13 | 19820 | 16 I I49 | 18516 | 26 X 01 | 24Ƴ08 | 20813 | 17 I I42 | 19©14 |
| 25S | 24 X 03 | 22 Y 09 | 18808 | 15 Д 32 | 17903 | 25 ¥ 03 | 23 Y 04 | 19800 | 16П25 | 18501 | 26 ¥ 02 | 23 ℃ 59 | 19852 | 17П18 | 18959 |
| 26S | 24 ¥ 05 | 22Y00 | 17848 | 15 I I08 | 16549 | 25 X 04 | 22 Y 55 | 18840 | 16 I I01 | 179547 | 26 ¥ 03 | 23 ℃ 49 | 19832 | 16耳54 | 18945 |
| 27S | 24 × 06 | 21 Υ 51 | 17828 | 14 11 44 | 16934 | 25 ¥ 05 | 22Υ45 | 18820 | 15П36 | 17532 | 26 × 04 | 23 Y 40 | 19811 | 16П29 | 18530 |
| 28S 29S | 24 ¥ 08 24 ¥ 09 | 21 \gamma 42 21 \gamma 33 | 17808 16847 | 14 II 19 13 II 54 | 16©18 16©03 | 25 \times 06 25 \times 08 | 22 \gamma 36 22 \gamma 27 | 17859 17838 | 15П12 14П47 | 17917 17901 | 26 \times 05 26 \times 06 | 23 \gamma 30 23 \gamma 20 | 18 8 50 18 8 29 | 16 II 05 15 II 39 | 18 © 15 |
| | | | | | | | | | | | | | | | |
| 30S 31S | 24 ¥ 11 24 ¥ 12 | 21 \cdot 24 \\ 21 \cdot 15 | 16 8 27 16 8 06 | 13 II 29 13 II 03 | 15947 15931 | 25 \times 09 25 \times 10 | 22 Y 18 22 Y 08 | 17817 16856 | 14 II 21 13 II 55 | 16545 16529 | 26 \times 07 26 \times 08 | 23 \mathbb{\gamma}11 \\ 23 \mathbb{\gamma}01 | 18 8 08 17 8 47 | 15 II 14 14 II 48 | 17 9 43 |
| 32S | 24 X 14 | 21 Υ 06 | 15845 | 12 Д 37 | 15931 | 25 X 12 | 21 γ 59 | 16835 | 13 Д 29 | 16912 | 26 × 09 | 22 Y 51 | 17825 | 14 II 21 | 17910 |
| 33S | 24 X 16 | 20 Υ 57 | 15824 | 12П11 | 14957 | 25 X 13 | 21 ℃ 49 | 16814 | 13 II 02 | 15\$55 | 26 X 10 | 22 ℃41 | 17803 | 13 Д 54 | 16553 |
| 34S | 24 X 17 | 20Ƴ48 | 15803 | 11 Д 44 | 14939 | 25 X 14 | 21 Y 39 | 15852 | 12П35 | 15937 | 26 X 11 | 22 Ƴ 31 | 16841 | 13 Д27 | 16936 |
| 35S | 24 X 19 | 20Ƴ38 | 14841 | 11Ц16 | 14921 | 25 X 16 | 21 Y 30 | 15830 | 12П07 | 15519 | 26 X 12 | 22 ℃21 | 16819 | 12Д59 | 16ഇ18 |
| 36S | 24 ¥ 21 | 20 7 29 | 14819 | 10 11 48 | 14503 | 25 X 17 | 21 γ 20 | 15808 | 11 Д 39 | 15901 | 26 × 14 | 22Υ11 | 15856 | 12 Д 30 | 15@59 |
| 37S 38S | 24 \times 22 24 \times 24 | 20 Y 19 | 13 8 57 13 8 34 | 10Π19 9Π50 | 13544 13524 | 25 ¥ 19 | 21Υ10 21Υ00 | 14 8 45 14 8 22 | 11 Π 10 | 149642 | 26 ¥ 15 | 22 \(\cdot 00 \) 21 \(\cdot 50 \) | 15 8 34 | 12Π01 11Π31 | 15@40 |
| 39S | 24 × 26 | 20 Υ 10 20 Υ 00 | 13812 | 9П20 | 13904 | 25 X 21 | 20Υ50 | 13859 | 10月41 | 14502 | 26 X 17 | 21 Υ 30 21 Υ 39 | 14847 | 11耳01 | 15901 |
| 40S | 24 X 28 | 19℃50 | 12849 | 8 I I50 | 12543 | 25 ¥ 23 | 20Y39 | 13836 | 9П40 | 135641 | 26 ¥ 18 | 21 ℃29 | 14823 | 10П30 | 14540 |
| 41S | 24 X 29 | 19℃40 | 12825 | 8П19 | 12@21 | 25 × 24 | 20Υ29 | 13812 | 9П08 | 13520 | 26 × 19 | 21Υ18 | 13859 | 9П58 | 14518 |
| 42S | 24 X 31 | 19Ƴ30 | 12802 | 7 I I47 | 11559 | 25 ¥ 26 | 20Y18 | 12848 | 8П36 | 12557 | 26 ¥ 21 | 21 ℃07 | 13834 | 9П26 | 13556 |
| 43S | 24 ¥ 33 | 19Υ19 | 11837 | 7П14 | 11936 | 25 ¥ 28 | 20Υ08 | 12823 | 8H03 | 12534 | 26 × 22 | 20Υ56 | 13809 | 8Д53 | 13533 |
| 44S | 24 ** 35 | 19 7 09 | 11813 | 6П41 | 11912 | 25 X 29 | 19℃57 | 11858 | 7 I I30 | 125511 | 26 € 23 | 20 ℃ 44 | 12844 | 8п18 | 13509 |
| 45S | 24 ¥ 37 | 18 Y 58 | 10848 | 6Ц06 5Ц21 | 10548 | 25 ¥ 31 | 19°746 | 11833 | 6H55 | 115346 | 26 ¥ 25 | 20 Y 33 | 12818 | 7 II 43 | 12544 |
| 46S 47S | 24 ¥ 39 24 ¥ 41 | 18 Ƴ 47 18 Ƴ 36 | 10 8 22 9 8 57 | 5 II 31 4 II 55 | 10©22 9©55 | 25 \times 33 25 \times 34 | 19 Ƴ 34 19 Ƴ 23 | 11807 10841 | 6П19 5П43 | 11©20 10©53 | 26 \times 26 26 \times 27 | 20 \cdot 21 20 \cdot 09 | 11852 11825 | 7II 07 6II 30 | 12©19 11©52 |
| 48S | 24 × 43 | 18 Y 25 | 9830 | 4II 18 | 9527 | 25 × 36 | 19Y11 | 10814 | 5II 05 | 10@35 | 26 X 29 | 19 ° 57 | 10857 | 5 II 52 | 115524 |
| 49S | 24 X 46 | 18Ƴ14 | 9803 | 3П40 | 8গু58 | 25 X 38 | 18Ƴ59 | 9846 | 4П26 | 9\$56 | 26 ¥ 30 | 19Ƴ45 | 10830 | 5П13 | 10ഇ55 |
| 50S | 24 X 48 | 18Ƴ02 | 8836 | 3п00 | 8928 | 25 X 40 | 18Ƴ47 | 9818 | 3П47 | 9\$26 | 26 ¥ 32 | 19Ƴ32 | 10801 | 4Д33 | 10ഇ24 |
| 51S | 24 × 50 | 17Υ50 | 8808 | 2П20 | 7956 | 25 X 42 | 18 Y 35 | 8850 | 3Д06 | 8554 | 26 X 33 | 19Υ19 | 9832 | 3 Д 52 | 9952 |
| 52S | 24 ¥ 52 | 17Y38 | 7839 | 1II38 | 7923 | 25 × 44 | 18Y22 | 8820 | 2 II 23 | 8521 | 26 ¥ 35 | 19Y06 | 9802 | 3 II 09 | 9519 |
| 53S 54S | 24 ¥ 55 24 ¥ 57 | 17 Y 25 17 Y 13 | 7809 6839 | 0П55 0П10 | 6949 6912 | 25 \times 46 25 \times 48 | 18 Y 09 17 Y 56 | 7851 7820 | 1П40 0П54 | 79546 79510 | 26 \times 36 26 \times 38 | 18 Υ 52 18 Υ 39 | 8832 8800 | 2П25 1П39 | 8544 8508 |
| 55S | 25 ¥ 00 | 17 Y 13 | 6809 | 29824 | 5934 | 25 X 50 | 17 Y 42 | 6848 | 0П08 | 6931 | 26 × 40 | 18 Y 24 | 7828 | 0П52 | 7929 |
| 56S | 25 X 00 | 16Y46 | 5 8 37 | 28837 | 4953 | 25 X 50 25 X 52 | 17 Y 42 | 6816 | 29820 | 5951 | 26 X 40 | 18 Y 10 | 6856 | 0Д32 | 6948 |
| 57S | 25 × 05 | 16 Y 33 | 5805 | 27847 | 4911 | 25 X 54 | 17Ƴ14 | 5843 | 28830 | 5908 | 26 × 43 | 17 Υ 55 | 6822 | 29812 | 6905 |
| 58S | 25 ¥ 08 | 16Υ18 | 4831 | 26856 | 3526 | 25 X 57 | 16Υ59 | 5809 | 27838 | 4522 | 26 X 45 | 17℃40 | 5847 | 28820 | 5920 |
| 59S | 25 ¥ 11 | 16℃04 | 3857 | 26803 | 2538 | 25 X 59 | 16Ƴ44 | 4834 | 26844 | 3534 | 26 ₩ 47 | 17Ƴ24 | 5812 | 27825 | 4931 |
| 60S | 25 ¥ 14 | 15℃49 | 3822 | 25808 | 19547 | 26 ¥ 02 | 16℃29 | 3858 | 25848 | 2543 | 26 × 49 | 17℃08 | 4835 | 26829 | 3540 |
| 61S 62S | 25 X 17 25 X 21 | 15 ° 34 15 ° 18 | 2846 2808 | 24 8 11 23 8 12 | 0©54 29¶56 | 26 \times 04 26 \times 07 | 16 Y 13 | 3822 2843 | 24 8 51 23 8 50 | 19549 0951 | 26 \times 51 26 \times 54 | 16 Υ 51 16 Υ 34 | 3857 3819 | 25 8 30 24 8 29 | 2945 1947 |
| 63S | 25 H 21 | 15 Y 18 | 1830 | 23612 | 29 II 56 28 II 55 | 26 X 07 26 X 10 | 15 Y 36 | 2804 | 22848 | 29 II 50 | 26 X 54 26 X 56 | 16 Y 17 | 2839 | 23825 | 19947 |
| 64S | 25 X 28 | 14°Y45 | 0850 | 21806 | 27 II 49 | 26 × 13 | 15 Y 21 | 1824 | 21843 | 28 Д 44 | 26 × 58 | 15 Υ 58 | 1857 | 22819 | 29П38 |
| 65S | 25 X 32 | 14Ƴ27 | 0809 | 19859 | 26П39 | 26 X 16 | 15 ⋎ 03 | 0842 | 20835 | 27Д33 | 27 ¥ 01 | 15Ƴ39 | 1815 | 21810 | 28П27 |
| | | | 1 | | I | | | | | | | | | | I |
| 66S | 25 X 36 | 14Ƴ09 | 29Ƴ27 | 18849 | 25 11 23 | 26 X 20 | 14Ƴ44 | 29 Y 59 | 19824 | 26 II 16 | 27 X 04 | 15 Y 20 | 0831 | 19858 | 27II 09 |

| | Sid.Tir MC: | | 48m A 42'31 | RMC: 3 | 327°00' | Sid.Tir MC: | | 52m A 44'33 | RMC: 3 | 328°00' | Sid.Tir MC: | ne: 21h: 26≈ | 56m A 46'45 | RMC: 3 | 329°00' |
|--|--|--|---|---|---|--|--|--|---|---|--|---|---|--|--|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 26¥43 | 29 Y 02 | 29812 | 27П14 | 25©03 | 27 X 49 | 0805 | 0п10 | 28П09 | 26900 | 28 ¥ 54 | 1808 | 1П07 | 29П04 | 26957 |
| 1S | 26 X 44 | 28 Y 52 | 28851 | 26П54 | 24952 | 27 X 49 | 29Ƴ54 | 29849 | 27Ⅱ49 | 25949 | 28 X 54 | 0856 | 0П46 | 28 Д 44 | 26946 |
| 2S | 26 X 45 | 28Y41 | 28831 | 26П33 | 249641 | 27 X 50 | 29Ƴ43 | 29828 | 27П28 | 25@38 | 28 X 55 | 0845 | 0П25 | 28 Д23 | 26935 |
| 3S | 26 × 46 | 28 Y 31 | 28810 | 26 II 12 | 24930 | 27 X 50 | 29 Y 32 | 29807 | 27 11 07 | 25@27 | 28 ¥ 55 | 0834 | 0II04 | 28 11 02 | 26924 |
| 4S | 26 X 46 | 28Y20 | 27849 | 25 II 52 | 24519 | 27 ¥ 51 | 29Ƴ22 | 28846 | 26II47 | 25\$16 | 28 ¥ 55 | 0823 | 29843 | 27Ⅱ42 | 26913 |
| 5S | 26 X 47 | 28Υ10 | 27829 | 25 耳 31 | 24907 | 27 X 51 | 29Υ11 | 28826 | 26II26 | 25905 | 28 X 55 | 0812 | 29822 | 27II21 | 26902 |
| 6S | 26 × 48 | 28Υ00 | 27809 | 25 II 10 | 23556 | 27 X 52 | 29Υ01 | 28805 | 26II 05 | 24953 | 28 X 56 | 0801 | 29802 | 27 II 00 | 25951 |
| 7S 8S | 26 \times 48 26 \times 49 | 27\gamma50 27\gamma40 | 26 8 48 26 8 28 | 24 II 49 24 II 29 | 23545 | 27 X 52 27 X 53 | 28 \gamma 50 28 \gamma 40 | 27845 27824 | 25 II 44 25 II 23 | 24542 24531 | 28 X 56 28 X 56 | 29 \gamma 51 29 \gamma 40 | 28 8 41 28 8 20 | 26 II 39 26 II 18 | 25@40 25@28 |
| 9S | 26 X 50 | 27Υ30 | 26808 | 24 II 08 | 23922 | 27 X 53 | 28 Y 30 | 27804 | 25 II 02 | 24931 | 28 X 56 | 29Y29 | 28800 | 25 II 57 | 25920 |
| 108 | 26¥51 | 27Υ20 | 25848 | 23П47 | 23510 | 27 X 54 | 28Υ19 | 26844 | 24 I I41 | 24508 | 28 X 57 | 29 ℃ 19 | 27839 | 25 Ц36 | 25©06 |
| 11S | 26 × 51 | 27Υ10 | 25828 | 23 II 25 | 22958 | 27 X 54 | 28Υ09 | 26823 | 24 II 20 | 23956 | 28 X 57 | 29 γ 08 | 27819 | 25 II 15 | 24954 |
| 12S | 26 X 52 | 27Υ00 | 25808 | 23 耳 04 | 225647 | 27 X 54 | 27Υ59 | 26803 | 23 Д 59 | 235644 | 28 X 57 | 28Y58 | 26858 | 24 II 54 | 249542 |
| 13S | 26 ¥ 53 | 26Y50 | 24848 | 22 11 43 | 22535 | 27 X 55 | 27Ƴ49 | 25843 | 23 耳37 | 23532 | 28 X 57 | 28Ƴ47 | 26838 | 24 II 32 | 24930 |
| 14S | 26 ¥ 53 | 26 Y 40 | 24828 | 22П21 | 22522 | 27 X 55 | 27 Ƴ 39 | 25823 | 23 II 16 | 23520 | 28 ¥ 57 | 28 Ƴ 37 | 26817 | 24耳10 | 245519 |
| 15S | 26 X 54 | 26Y31 | 24808 | 22 II 00 | 22510 | 27 X 56 | 27Ƴ29 | 25802 | 22 11 54 | 23508 | 28 X 58 | 28Ƴ27 | 25857 | 23 11 49 | 24500 |
| 16S | 26 X 55 | 26Y21 | 23848 | 21 Д 38 | 21958 | 27 X 56 | 27Ƴ19 | 24842 | 22 Д 32 | 22556 | 28 X 58 | 28Ƴ16 | 25836 | 23 Д27 | 23954 |
| | 26 ¥ 56 | 26Y11 | 23828 | 21 Д 16 | 21 5 45 | 27 X 57 | 27 Y 09 | 24822 | 22 П 10 | 22543 | 28 ¥ 58 | 28Y06 | 25816 | 23 11 04 | 23 5 42 |
| 188 | 26 ¥ 56 | 26 Y 02 | 23807 | 20 II 54 | 21 5 3 3 | 27 X 57 | 26°759 | 24801 | 21 II 48 | 22531 | 28 X 58 | 27 Y 55 | 24855 | 22 II 42 | 23 5 29 |
| 19S | 26 × 57 | 25 Υ 52 | 22847 | 20П31 | 21920 | 27 X 58 | 26 ℃ 49 | 23841 | 21 11 25 | 22518 | 28 X 59 | 27 Y 45 | 24835 | 22 11 19 | 23516 |
| | 26 × 58 | 25°Y42 | 22827 | 201108 | 21507 | 27 X 58 | 26Y39 | 23820 | 21 11 02 | 22505 | 28 X 59 | 27Y35 | 24814 | 21 Д 57 | 23 503 |
| 21S 22S | 26 ± 58 26 ± 59 | 25 \gamma 32 25 \gamma 23 | 22 8 07 21 8 46 | 19II 46 19II 22 | 20©53 20©40 | 27 X 59 27 X 59 | 26 Y 28 26 Y 18 | 23 8 00 22 8 39 | 20 II 40 20 II 16 | 21@52 21@38 | 28 X 59 28 X 59 | 27 ° 24 27 ° 14 | 23 8 53 23 8 32 | 21 II 33 21 II 10 | 22@50 22@37 |
| 23S | 27 × 00 | 25 Y 13 | 21826 | 18 Д 59 | 20926 | 28 X 00 | 26 Y 08 | 22819 | 19П53 | 21938 | 29 × 00 | 27Υ04 | 23811 | 20 II 47 | 225523 |
| 24S | 27 × 01 | 25Υ03 | 21805 | 18П35 | 20@12 | 28 × 00 | 25Υ58 | 21858 | 19П29 | 215511 | 29 × 00 | 26°753 | 22850 | 20 Д 23 | 22509 |
| 25S | 27 X 01 | 24 Y 53 | 20845 | 18П11 | 19958 | 28 ¥ 01 | 25Ƴ48 | 21837 | 19П05 | 20\$56 | 29 ¥ 00 | 26 ℃ 43 | 22829 | 19П58 | 21955 |
| 26S | 27 × 02 | 24 \ 44 | 20824 | 17 I I47 | 19933 | 28 × 01 | 25Υ38 | 21816 | 18 I I40 | 20930 | 29 × 00 | 26 Y 32 | 22807 | 19 Д 34 | 21933 |
| | 27 ¥ 03 | 24 Y 34 | 20803 | 17II 22 | 19\$28 | 28 X 02 | 25 ℃ 28 | 20854 | 18 I I16 | 20ഇ27 | 29 × 01 | 26℃22 | 21846 | 19П09 | 21 5 26 |
| | 27 ¥ 04 | 24Y24 | 19842 | 16耳57 | 19513 | 28 X 02 | 25 Υ 17 | 20833 | 17 I I50 | 20ഇ12 | 29 X 01 | 26℃11 | 21824 | 18Ⅱ44 | 219911 |
| 29S | 27 X 04 | 24 Y 14 | 19820 | 16耳32 | 18958 | 28 X 03 | 25 ℃ 07 | 20811 | 17П25 | 19556 | 29 X 01 | 26℃00 | 21802 | 18耳18 | 20ණ55 |
| 30S | 27 ∺ 05 | 24 Y 04 | 18859 | 16耳06 | 18942 | 28 ¥ 03 | 24 Υ 57 | 19849 | 16耳59 | 195641 | 29 X 01 | 25 ℃ 50 | 20840 | 17Ⅲ52 | 20ණ40 |
| 31S | 27 ¥ 06 | 23 Y 54 | 18837 | 15 II 40 | 18526 | 28 × 04 | 24°746 | 19827 | 16П33 | 19525 | 29 × 02 | 25Υ39 | 20818 | 17 II 25 | 20@24 |
| 32S 33S | 27 ¥ 07 27 ¥ 08 | 23 Y 43 23 Y 33 | 18 8 15 17 8 53 | 15 II 13 14 II 46 | 18©09 17©52 | 28 ¥ 04 28 ¥ 05 | 24 Y 36 24 Y 25 | 19 8 05 18 8 43 | 16II06 15II38 | 19©08 18©51 | 29 \times 02 29 \times 02 | 25 \cdot 28 25 \cdot 17 | 19 8 55 | 16Д58 16Д31 | 20©07 19©50 |
| 34S | 27 × 08 | 23 Υ 23 | 17831 | 14П19 | 17935 | 28 × 05 | 24Υ14 | 18820 | 15 II 10 | 18934 | 29 × 02 | 25 Υ 06 | 19809 | 16耳02 | 19933 |
| 35S | 27 X 09 | 23 Y 12 | 17808 | 13 Д 50 | 17917 | 28 ¥ 06 | 24Ƴ03 | 17857 | 14 I I42 | 18516 | 29 X 03 | 24 Y 54 | 18846 | 15 Д 34 | 19©15 |
| 36S | 27 × 10 | 23 Y 02 | 16845 | 13 Д 22 | 16958 | 28 × 07 | 23 Y 52 | 17834 | 14 II 13 | 17957 | 29 × 03 | 24°Y43 | 18822 | 15 II 05 | 18957 |
| 37S | 27 ₩ 11 | 22 Y 51 | 16822 | 12 Д 52 | 16539 | 28 X 07 | 23 ℃ 41 | 17810 | 13 耳 44 | 17538 | 29 X 03 | 24Ƴ32 | 17858 | 14耳35 | 18538 |
| | 27 X 12 | | 15858 | | 16920 | | | | | 17519 | | | | | 18518 |
| 39S | 27 X 13 | 22 ℃ 29 | 15834 | 11 Д 52 | 15959 | 28 X 08 | 23 ⋎ 19 | 16822 | 12П42 | 16959 | 29 X 04 | 24℃08 | 17810 | 13 Д 33 | 17958 |
| | 27 | 22 Y 18 | 15810 | 11 I I20 | 15539 | 28 X 09 | 23 ℃ 07 | 15857 | 12 I 11 | 16538 | 29 X 04 | 23 ℃ 56 | 16845 | 13耳01 | 17937 |
| 41S | 27 × 14 | 22Υ07 | 14846 | 10 11 48 | 15917 | 28 × 09 | 22°756 | 15832 | 11 Д 39 | 16916 | 29 × 04 | 23 ℃ 44 | 16819 | 12 П 29 | 17516 |
| 42S 43S | 27 ¥ 15 27 ¥ 16 | 21 Y 55 21 Y 44 | 14 8 21 13 8 55 | 10II16 9II42 | 14©55 14©32 | 28 X 10 28 X 11 | 22 Y 44 22 Y 32 | 15 8 07 14 8 41 | 11 II 05 10 II 31 | 15©54 15©31 | 29 \times 05 29 \times 05 | 23 \cdot 32 23 \cdot 20 | 15 8 53 | 11 II 55 11 II 21 | 16©53 16©30 |
| | 27 X 17 | 21 Y 32 | 13829 | 9П42 | 14932 | 28 X 11 | 22 Y 20 | 14815 | 9Д57 | 15907 | 29 × 05 | 23 Y 07 | 15801 | 10 Д 46 | 16930 |
| | 27 X 18 | 21Υ20 | 13803 | 8П32 | 13543 | 28 X 12 | 22 Y 07 | 13848 | 9П21 | 14942 | 29 X 06 | 22 Y 54 | 14833 | 101110 | 15942 |
| | 27 X 18 | 21 Y 20 21 Y 08 | 12836 | 7П56 | 13943 | 28 X 12 | 21 Y 55 | 13821 | 9Д21 | 149342 | 29 × 06 | 22 Y 34 22 Y 41 | 14833 | 9Д33 | 159942 |
| | 27 ¥ 20 | 20 Y 55 | 12809 | 7П18 | 12550 | 28 X 13 | 21 Y 42 | 12853 | 8П06 | 13950 | 29 × 06 | 22 Y 28 | 13837 | 8П55 | 149649 |
| 48S | 27 X 21 | 20 Y 43 | 11841 | 6 I I40 | 12523 | 28 X 14 | 21Y29 | 12825 | 7Д28 | 13522 | 29 X 07 | 22 Y 15 | 13809 | 8П15 | 149521 |
| 400 | | | | | | | | | | | | | | | |
| 498 | 27 ¥ 22 | 20Υ30 | 11813 | 6П00 | 11@53 | 28 X 15 | 21 Y 15 | 11856 | 6 I I48 | 12552 | 29 ₩ 07 | 22 Y 01 | 12839 | 7Д35 | 13952 |
| 50S | 27 ∺ 24 | 20 Y 30 20 Y 17 | 11 8 13 10 8 44 | 6П00 5П20 | 11©53 11©23 | 28 X 15 28 X 16 | 21Υ15 21Υ02 | 11 8 56 11 8 26 | 6П48 6П06 | 12©52 12©22 | 29 \times 07 29 \times 08 | 21 ℃47 | 12809 | 6II53 | 1352 |
| 50S 51S | 27 ¥ 24 27 ¥ 25 | 20 \gamma 30 20 \gamma 17 20 \gamma 03 | 11813 10844 10814 | 6П00 5П20 4П38 | 11©53 11©23 10©51 | 28 \times 15 28 \times 16 28 \times 16 | 21 \(\cdot 15 \) 21 \(\cdot 02 \) 20 \(\cdot 48 \) | 11856 11826 10856 | 6П48 6П06 5П24 | 12©52 12©22 11©50 | 29 \times 07 29 \times 08 29 \times 08 | 21 Y 47 21 Y 32 | 12809 11839 | 6П53 6П10 | 13©21 12©49 |
| 50S 51S 52S | 27 \times 24 27 \times 25 27 \times 26 | 20 \gamma 30 20 \gamma 17 20 \gamma 03 19 \gamma 50 | 11813 10844 10814 9844 | 6П00 5П20 4П38 3П54 | 11@53 11@23 10@51 10@18 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 | 21 \(\cdot 15 \) 21 \(\cdot 02 \) 20 \(\cdot 48 \) 20 \(\cdot 34 \) | 11856 11826 10856 10825 | 6 II 48 6 II 06 5 II 24 4 II 40 | 12552 12522 11550 11517 | 29 \times 07 29 \times 08 29 \times 08 29 \times 08 | 21 Y 47 21 Y 32 21 Y 18 | 12809 11839 11807 | 6Д53 6Д10 5Д26 | 13@21 12@49 12@16 |
| 50S 51S 52S 53S | 27 \times 24 27 \times 25 27 \times 26 27 \times 27 | 20 \gamma 30 20 \gamma 17 20 \gamma 03 19 \gamma 50 19 \gamma 36 | 11813 10844 10814 9844 9813 | 6П00 5П20 4П38 3П54 3П10 | 11©53 11©23 10©51 10©18 9©43 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 28 \times 18 | 21Y15 21Y02 20Y48 20Y34 20Y19 | 11856 11826 10856 10825 9854 | 6П48 6П06 5П24 4П40 3П55 | 12@52 12@22 11@50 11@17 10@41 | 29 \times 07 29 \times 08 29 \times 08 29 \times 08 29 \times 09 | 21 \(\psi 47 \) 21 \(\psi 32 \) 21 \(\psi 18 \) 21 \(\psi 03 \) | 12809 11839 11807 10835 | 6Д53 6Д10 5Д26 4Д40 | 13©21 12©49 12©16 11©41 |
| 50S 51S 52S 53S 54S | 27 \times 24 27 \times 25 27 \times 26 27 \times 27 27 \times 28 | 20 \gamma 30 20 \gamma 17 20 \gamma 03 19 \gamma 50 19 \gamma 36 19 \gamma 21 | 11813 10844 10814 9844 9813 8841 | 6H00 5H20 4H38 3H54 3H10 2H23 | 11:53 11:53 10:53 10:51 10:51 9:543 9:543 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 28 \times 18 28 \times 19 | 21°15 21°02 20°48 20°43 20°19 20°04 | 11856 11826 10856 10825 9854 9821 | 6 II 48 6 II 06 5 II 24 4 II 40 3 II 55 3 II 08 | 12@52 12@22 11@50 11@17 10@41 10@04 | 29 \times 07 29 \times 08 29 \times 08 29 \times 09 29 \times 09 29 \times 09 | 21 Y 47 21 Y 32 21 Y 18 21 Y 03 20 Y 47 | 12809 11839 11807 10835 10802 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 | 13 5 2 1 12 5 4 9 12 5 1 6 11 5 4 1 11 5 0 3 |
| 50S 51S 52S 53S 54S 55S | 27 ± 24 27 ± 25 27 ± 26 27 ± 27 27 ± 28 27 ± 30 | 20 \gamma 30 20 \gamma 17 20 \gamma 03 19 \gamma 50 19 \gamma 36 19 \gamma 21 19 \gamma 07 | 11813 10844 10814 9844 9813 8841 8808 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 | 11©53 11©23 10©51 10©18 9©43 9©06 8©27 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 28 \times 18 28 \times 19 28 \times 20 | 21°15 21°02 20°48 20°34 20°19 20°04 19°49 | 11856 11826 10856 10825 9854 9821 8848 | 6 1 4 8 6 1 0 6 5 1 2 4 4 1 4 0 3 1 5 5 3 1 0 8 2 1 1 9 | 12@52 12@22 11@50 11@17 10@41 10@04 9@25 | 29 \times 07 29 \times 08 29 \times 08 29 \times 08 29 \times 09 29 \times 09 29 \times 10 | 21 Y 47 21 Y 32 21 Y 18 21 Y 03 20 Y 47 20 Y 31 | 12809 11839 11807 10835 10802 9828 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 | 13@21 12@49 12@16 11@41 11@03 |
| 50S 51S 52S 53S 54S 55S 56S | 27 \times 24 27 \times 25 27 \times 26 27 \times 27 27 \times 28 | 20 \gamma 30 20 \gamma 17 20 \gamma 03 19 \gamma 50 19 \gamma 36 19 \gamma 21 | 11813 10844 10814 9844 9813 8841 | 6H00 5H20 4H38 3H54 3H10 2H23 | 11:53 11:53 10:53 10:51 10:51 9:543 9:543 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 28 \times 18 28 \times 19 | 21°15 21°02 20°48 20°43 20°19 20°04 | 11856 11826 10856 10825 9854 9821 | 6 II 48 6 II 06 5 II 24 4 II 40 3 II 55 3 II 08 | 12@52 12@22 11@50 11@17 10@41 10@04 | 29 \times 07 29 \times 08 29 \times 08 29 \times 09 29 \times 09 29 \times 09 | 21 Y 47 21 Y 32 21 Y 18 21 Y 03 20 Y 47 | 12809 11839 11807 10835 10802 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 | 13@2 12@49 12@10 11@4 11@03 10@24 9@43 |
| 50S 51S 52S 53S 54S 54S 55S 56S 57S 58S | 27 \times 24 27 \times 25 27 \times 26 27 \times 27 27 \times 28 27 \times 30 27 \times 31 27 \times 32 27 \times 33 | 20 Y 30 20 Y 17 20 Y 03 19 Y 50 19 Y 36 19 Y 21 19 Y 07 18 Y 52 | 11813 10844 10814 9844 9813 8841 8808 7835 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 | 11:53 11:53 10:51 10:51 10:51 9:54 9:54 9:56 8:57 7:546 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 28 \times 18 28 \times 19 28 \times 20 28 \times 21 | 21 Y 15 21 Y 02 20 Y 48 20 Y 34 20 Y 19 20 Y 04 19 Y 49 19 Y 34 19 Y 18 19 Y 01 | 11856 11826 10856 10825 9854 9821 8848 8814 | 6 II 48 6 II 06 5 II 24 4 II 40 3 II 55 3 II 08 2 II 19 1 II 29 | 12@52 12@22 11@50 11@17 10@41 10@04 9@25 8@44 | 29 × 07 29 × 08 29 × 08 29 × 09 29 × 09 29 × 10 29 × 10 | 21 \(\psi 47 \) 21 \(\psi 32 \) 21 \(\psi 18 \) 21 \(\psi 03 \) 20 \(\psi 47 \) 20 \(\psi 15 \) 19 \(\psi 59 \) 19 \(\psi 42 \) | 12809 11839 11807 10835 10802 9828 8854 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 | 13@21 12@49 12@10 11@41 11@03 10@24 9@41 9@00 |
| 50S 51S 52S 53S 54S 54S 55S 56S 57S 58S | 27 × 24 27 × 25 27 × 26 27 × 27 27 × 28 27 × 30 27 × 31 27 × 32 | 20 Y 30 20 Y 17 20 Y 03 19 Y 50 19 Y 36 19 Y 21 19 Y 07 18 Y 52 18 Y 36 | 11813 10844 10814 9844 9813 8841 8808 7835 7801 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 | 11:53 11:53 10:51 10:51 10:51 9:54 9:54 9:56 8:52 7:54 7:50 7:50 | 28 \times 15 28 \times 16 28 \times 16 28 \times 17 28 \times 18 28 \times 19 28 \times 20 28 \times 21 28 \times 21 | 21\(\psi 15 \) 21\(\psi 02 \) 20\(\psi 48 \) 20\(\psi 19 \) 20\(\psi 04 \) 19\(\psi 49 \) 19\(\psi 18 \) | 11856 11826 10856 10825 9854 9821 8848 8814 7839 | 6 II 48 6 II 06 5 II 24 4 II 40 3 II 55 3 II 08 2 II 19 1 II 29 0 II 37 | 12@52 12@22 11@50 11@17 10@41 10@04 9@25 8@44 8@01 | 29 × 07 29 × 08 29 × 08 29 × 09 29 × 09 29 × 10 29 × 10 29 × 10 | 21 \(\psi 47 \) 21 \(\psi 32 \) 21 \(\psi 18 \) 21 \(\psi 03 \) 20 \(\psi 47 \) 20 \(\psi 15 \) 19 \(\psi 59 \) | 12809 11839 11807 10835 10802 9828 8854 8818 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 | 13@2 12@49 12@10 11@4 11@03 10@24 9@43 9@00 8@13 |
| 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S | 27 \times 24 27 \times 25 27 \times 26 27 \times 27 27 \times 28 27 \times 30 27 \times 31 27 \times 32 27 \times 33 | 20 \(\cdot 30 \) 20 \(\cdot 17 \) 20 \(\cdot 03 \) 19 \(\cdot 50 \) 19 \(\cdot 36 \) 19 \(\cdot 21 \) 19 \(\cdot 07 \) 18 \(\cdot 52 \) 18 \(\cdot 36 \) 18 \(\cdot 20 \) | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 \(\triangle 55 \) 29 \(\triangle 01 \) | 11:53 11:53 10:51 10:51 10:51 9:543 9:506 8:527 7:546 7:503 6:517 | 28 \(\) 15 28 \(\) 16 28 \(\) 16 28 \(\) 17 28 \(\) 18 28 \(\) 19 28 \(\) 20 28 \(\) 21 28 \(\) 21 28 \(\) 22 | 21 Y 15 21 Y 02 20 Y 48 20 Y 34 20 Y 19 20 Y 04 19 Y 49 19 Y 34 19 Y 18 19 Y 01 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 | 6 1 4 8 6 1 0 6 5 1 2 4 4 1 4 0 3 1 5 5 3 1 0 8 2 1 1 9 1 1 1 2 9 0 1 3 7 2 9 8 4 3 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 | 29 × 07 29 × 08 29 × 08 29 × 09 29 × 09 29 × 10 29 × 10 29 × 11 | 21 \(\psi 47 \) 21 \(\psi 32 \) 21 \(\psi 18 \) 21 \(\psi 03 \) 20 \(\psi 47 \) 20 \(\psi 15 \) 19 \(\psi 59 \) 19 \(\psi 42 \) | 12809 11839 11807 10835 10802 9828 8854 8818 7841 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 | 13 5 2 12 5 4 12 5 10 11 5 4 11 5 0 10 5 2 9 5 4 9 5 0 8 5 1 7 5 2 |
| 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S | 27 # 24 27 # 25 27 # 26 27 # 27 27 # 28 27 # 30 27 # 31 27 # 32 27 # 34 27 # 35 27 # 37 27 # 38 | 20 \(\cdot 30 \) 20 \(\cdot 17 \) 20 \(\cdot 03 \) 19 \(\cdot 50 \) 19 \(\cdot 36 \) 19 \(\cdot 21 \) 19 \(\cdot 07 \) 18 \(\cdot 52 \) 18 \(\cdot 36 \) 18 \(\cdot 20 \) 18 \(\cdot 04 \) 17 \(\cdot 47 \) 17 \(\cdot 30 \) | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 5849 5812 4833 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 29 8 01 28 8 06 27 8 09 26 8 09 | 11 \$\pi 53\$ 11 \$\pi 23\$ 10 \$\pi 51\$ 10 \$\pi 18\$ 9 \$\pi 43\$ 9 \$\pi 06\$ 8 \$\pi 27\$ 7 \$\pi 46\$ 7 \$\pi 03\$ 6 \$\pi 17\$ 5 \$\pi 28\$ 4 \$\pi 37\$ 3 \$\pi 42\$ | 28 \ 15 28 \ 16 28 \ 16 28 \ 16 28 \ 17 28 \ 18 28 \ 19 28 \ 20 28 \ 21 28 \ 21 28 \ 22 28 \ 23 28 \ 24 28 \ 25 | 21 1 15 21 1 20 20 1 48 20 1 34 20 1 19 20 1 04 19 1 49 19 1 34 19 1 18 19 10 18 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18 18 1 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 6826 5848 5809 | 61148 61106 51124 41140 31155 31108 21119 11129 01137 29843 28847 27849 26849 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 6\$26 5\$34 4\$39 | 29 % 07 29 % 08 29 % 08 29 % 09 29 % 09 29 % 10 29 % 10 29 % 11 29 % 11 29 % 11 29 % 12 29 % 12 | 21 ° 47 21 ° 32 21 ° 18 21 ° 03 20 ° 47 20 ° 31 20 ° 15 19 ° 59 19 ° 42 19 ° 24 19 ° 06 18 ° 48 | 12809 11839 11807 10835 10802 9828 8854 8818 7841 7804 6825 5845 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 29 8 29 28 8 30 27 8 28 | 13 5 2 1 12 5 4 9 12 5 16 11 5 4 1 11 5 0 3 10 5 2 2 9 5 0 3 7 5 2 2 6 5 3 3 5 5 3 3 |
| 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S | 27 % 24 27 % 25 27 % 26 27 % 27 27 % 28 27 % 30 27 % 31 27 % 32 27 % 34 27 % 35 27 % 37 27 % 38 27 % 40 | 20 \(\psi \) 30 20 \(\psi \) 17 20 \(\psi \) 03 19 \(\psi \) 50 19 \(\psi \) 6 19 \(\psi \) 21 19 \(\psi \) 07 18 \(\psi \) 52 18 \(\psi \) 36 18 \(\psi \) 20 18 \(\psi \) 04 17 \(\psi \) 47 17 \(\psi \) 30 17 \(\psi \) 12 | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 5849 5812 4833 3854 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 29 8 01 28 8 06 27 8 09 26 8 09 25 8 07 | 11 \$\pi 53\$ 11 \$\pi 23\$ 10 \$\pi 51\$ 10 \$\pi 18\$ 9 \$\pi 43\$ 9 \$\pi 06\$ 8 \$\pi 27\$ 7 \$\pi 46\$ 7 \$\pi 03\$ 6 \$\pi 17\$ 5 \$\pi 28\$ 4 \$\pi 37\$ 3 \$\pi 42\$ 2 \$\pi 43\$ | 28 \ 15 28 \ 16 28 \ 16 28 \ 16 28 \ 17 28 \ 18 28 \ 19 28 \ 20 28 \ 21 28 \ 21 28 \ 22 28 \ 23 28 \ 24 28 \ 25 28 \ 27 | 21 1 15 21 1 02 20 1 48 20 1 34 20 1 19 20 1 04 19 1 49 19 1 34 19 1 18 19 1 18 19 1 18 18 18 18 19 1 18 18 18 18 19 1 18 18 18 18 18 18 18 18 18 18 18 18 18 1 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 6826 5848 5809 4829 | 61148 61106 51124 41140 31155 31108 21119 11129 01137 29843 28847 27849 26849 25846 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 6\$26 5\$34 4\$39 3\$40 | 29 \times 07 29 \times 08 29 \times 08 29 \times 09 29 \times 09 29 \times 10 29 \times 10 29 \times 11 29 \times 11 29 \times 12 29 \times 13 | 21 ° 47 21 ° 32 21 ° 18 21 ° 03 20 ° 47 20 ° 31 20 ° 15 19 ° 59 19 ° 42 19 ° 24 19 ° 06 18 ° 48 18 ° 29 | 12809 11839 11807 10835 10802 9828 8854 8818 7841 7804 6825 5845 5804 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 29 8 29 28 8 30 27 8 28 26 8 24 | 13 92 1 12 94 9 12 91 6 11 90 3 10 92 2 9 90 0 8 91 3 7 92 2 6 93 3 5 93 6 |
| 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S 63S | 27 # 24 27 # 25 27 # 26 27 # 27 27 # 28 27 # 30 27 # 31 27 # 32 27 # 34 27 # 35 27 # 37 27 # 38 27 # 40 27 # 42 | 20 \(\cdot 30 \) 20 \(\cdot 17 \) 20 \(\cdot 03 \) 19 \(\cdot 50 \) 19 \(\cdot 36 \) 19 \(\cdot 21 \) 19 \(\cdot 07 \) 18 \(\cdot 52 \) 18 \(\cdot 04 \) 17 \(\cdot 47 \) 17 \(\cdot 30 \) 17 \(\cdot 12 \) 16 \(\cdot 54 \) | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 5849 5812 4833 3854 3813 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 29 8 01 28 8 06 27 8 09 26 8 09 25 8 07 24 8 03 | 11 \$\pi 53\$ 11 \$\pi 23\$ 10 \$\pi 51\$ 10 \$\pi 18\$ 9 \$\pi 43\$ 9 \$\pi 66\$ 8 \$\pi 27\$ 7 \$\pi 46\$ 7 \$\pi 03\$ 6 \$\pi 17\$ 5 \$\pi 28\$ 4 \$\pi 37\$ 3 \$\pi 42\$ 2 \$\pi 43\$ 1 \$\pi 41\$ | 28 \ 15 28 \ 16 28 \ 16 28 \ 16 28 \ 17 28 \ 18 28 \ 19 28 \ 20 28 \ 21 28 \ 21 28 \ 22 28 \ 23 28 \ 24 28 \ 25 28 \ 27 28 \ 28 | 21 1 15 21 1 02 20 1 48 20 1 34 20 1 19 20 1 04 19 1 49 19 1 8 19 1 18 19 1 18 19 1 18 18 1 18 1 18 1 18 1 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 6826 5848 5809 4829 3847 | 61148 61106 51124 41140 31155 31108 21119 11129 01137 29843 28847 27849 26849 25846 24840 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 6\$26 5\$34 4\$39 3\$40 2\$37 | 29 % 07 29 % 08 29 % 08 29 % 09 29 % 09 29 % 10 29 % 10 29 % 11 29 % 11 29 % 12 29 % 12 29 % 13 29 % 14 | 21 ° 47 21 ° 32 21 ° 18 21 ° 03 20 ° 47 20 ° 31 20 ° 15 19 ° 59 19 ° 42 19 ° 24 19 ° 06 18 ° 48 18 ° 29 18 ° 09 | 12809 11839 11807 10835 10802 9828 8854 8818 7841 7804 6825 5845 5804 4822 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 29 8 29 28 8 30 27 8 28 26 8 2 4 25 8 18 | 13@21 12@49 12@10 11@41 11@03 10@22 9@42 9@00 8@13 7@22 6@32 5@36 4@37 3@33 |
| 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S 61S 62S 63S 64S | 27 # 24 27 # 25 27 # 26 27 # 27 27 # 28 27 # 30 27 # 31 27 # 32 27 # 35 27 # 35 27 # 37 27 # 38 27 # 40 27 # 42 27 # 44 | 20 Y 30 20 Y 17 20 Y 03 19 Y 50 19 Y 36 19 Y 21 19 Y 07 18 Y 52 18 Y 36 18 Y 20 18 Y 04 17 Y 47 17 Y 30 17 Y 12 16 Y 54 16 Y 35 | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 5849 5812 4833 3854 3813 2831 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 29 8 01 28 8 06 27 8 09 26 8 09 25 8 07 24 8 03 22 8 56 | 11 \$\pi 53\$ 11 \$\pi 23\$ 10 \$\pi 51\$ 10 \$\pi 18\$ 9 \$\pi 43\$ 9 \$\pi 06\$ 8 \$\pi 27\$ 7 \$\pi 46\$ 7 \$\pi 03\$ 6 \$\pi 17\$ 5 \$\pi 28\$ 4 \$\pi 37\$ 3 \$\pi 42\$ 2 \$\pi 43\$ 1 \$\pi 41\$ 0 \$\pi 33\$ | 28 \ 15 28 \ 16 28 \ 16 28 \ 16 28 \ 17 28 \ 18 28 \ 19 28 \ 20 28 \ 21 28 \ 21 28 \ 22 28 \ 23 28 \ 24 28 \ 25 28 \ 27 28 \ 28 28 \ 29 | 21 1 15 21 1 02 20 1 48 20 1 34 20 1 19 20 1 04 19 1 49 19 1 34 19 1 18 19 1 18 18 1 27 18 1 20 17 1 20 17 1 31 17 1 12 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 6826 5848 5809 4829 3847 3804 | 6 1 4 8 6 1 0 6 5 1 2 4 4 1 4 0 3 1 5 5 3 1 0 8 2 1 1 9 1 1 2 9 0 1 3 7 2 9 3 4 3 2 8 3 4 7 2 7 8 4 9 2 5 3 4 6 2 4 3 4 3 2 2 3 3 3 2 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 6\$26 5\$34 4\$39 3\$40 2\$37 1\$29 | 29 % 07 29 % 08 29 % 08 29 % 09 29 % 09 29 % 10 29 % 10 29 % 11 29 % 11 29 % 12 29 % 13 29 % 14 29 % 14 | 21 \(\pm 47 \) 21 \(\pm 32 \) 21 \(\pm 18 \) 21 \(\pm 03 \) 20 \(\pm 47 \) 20 \(\pm 31 \) 20 \(\pm 15 \) 19 \(\pm 59 \) 19 \(\pm 42 \) 19 \(\pm 60 \) 18 \(\pm 48 \) 18 \(\pm 29 \) 17 \(\pm 48 \) | 12809 11839 11807 10835 10802 9828 8854 8818 7841 7804 6825 5845 5804 4822 3838 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 29 8 29 28 8 30 27 8 28 26 8 24 25 8 18 24 8 09 | 13 9 2 1 1 2 9 4 4 1 1 9 9 9 4 1 9 9 9 0 0 8 9 1 3 7 9 2 2 6 9 3 2 5 9 3 6 4 9 3 3 9 3 3 2 9 2 2 5 2 5 9 3 6 9 3 2 9 2 5 9 3 6 9 3 2 9 2 5 9 3 6 9 3 2 9 2 5 9 3 6 9 3 2 9 2 5 9 3 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| 508 518 528 538 548 558 568 578 588 598 608 618 628 638 648 658 | 27 % 24 27 % 25 27 % 26 27 % 27 27 % 28 27 % 30 27 % 31 27 % 32 27 % 34 27 % 35 27 % 37 27 % 38 27 % 40 27 % 42 27 % 44 27 % 46 | 20 \(\cdot 30 \) 20 \(\cdot 17 \) 20 \(\cdot 03 \) 19 \(\cdot 50 \) 19 \(\cdot 36 \) 19 \(\cdot 21 \) 19 \(\cdot 07 \) 18 \(\cdot 52 \) 18 \(\cdot 04 \) 17 \(\cdot 47 \) 17 \(\cdot 35 \) 16 \(\cdot 15 \) | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 5849 5812 4833 3854 3813 2831 1847 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 29 8 01 28 8 06 27 8 09 26 8 09 25 8 07 24 8 03 22 8 56 21 8 46 | 11 \$\pi 53\$ 11 \$\pi 23\$ 10 \$\pi 51\$ 10 \$\pi 18\$ 9 \$\pi 43\$ 9 \$\pi 66\$ 8 \$\pi 27\$ 7 \$\pi 46\$ 7 \$\pi 03\$ 6 \$\pi 17\$ 5 \$\pi 28\$ 4 \$\pi 37\$ 3 \$\pi 42\$ 2 \$\pi 43\$ 1 \$\pi 41\$ 0 \$\pi 33\$ 2 \$\pi 121\$ | 28 \ 15 28 \ 16 28 \ 16 28 \ 16 28 \ 17 28 \ 18 28 \ 19 28 \ 20 28 \ 21 28 \ 21 28 \ 22 28 \ 23 28 \ 24 28 \ 25 28 \ 27 28 \ 28 28 \ 29 28 \ 30 | 21 1 15 21 1 02 20 1 48 20 1 34 20 1 19 20 1 04 19 1 49 19 1 34 19 1 18 19 1 18 19 1 18 18 1 18 1 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 6826 5848 5809 4829 3847 3804 2820 | 6 1 4 8 6 1 0 6 5 1 2 4 4 1 4 0 3 1 5 5 3 1 0 8 2 1 1 9 1 1 2 9 0 1 3 7 2 9 3 4 3 2 8 3 4 7 2 7 8 4 9 2 5 3 4 6 2 4 8 4 0 2 3 8 3 2 2 2 8 2 1 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 6\$26 5\$34 4\$39 3\$40 2\$37 1\$29 0\$16 | 29 % 07 29 % 08 29 % 08 29 % 09 29 % 09 29 % 10 29 % 10 29 % 11 29 % 11 29 % 12 29 % 13 29 % 14 29 % 14 29 % 15 | 21 \(\pm 47 \) 21 \(\pm 32 \) 21 \(\pm 18 \) 21 \(\pm 03 \) 20 \(\pm 47 \) 20 \(\pm 31 \) 20 \(\pm 15 \) 19 \(\pm 59 \) 19 \(\pm 42 \) 19 \(\pm 24 \) 19 \(\pm 60 \) 18 \(\pm 48 \) 18 \(\pm 29 \) 17 \(\pm 48 \) 17 \(\pm 27 \) | 12809 11839 11807 10835 10802 9828 8854 8818 7841 7804 6825 5845 5804 4822 3838 2853 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 3 2 II 13 1 II 20 0 II 25 29 8 29 28 8 30 27 8 28 26 8 2 4 25 8 18 24 8 09 22 8 57 | 13 w 21 12 w 49 12 w 16 11 w 41 11 w 03 10 w 24 9 w 43 9 w 00 8 w 13 7 w 24 6 w 33 3 w 33 2 w 25 1 w 11 |
| 508 518 528 538 548 558 568 578 588 598 608 618 628 638 648 658 | 27 # 24 27 # 25 27 # 26 27 # 27 27 # 28 27 # 30 27 # 31 27 # 32 27 # 35 27 # 35 27 # 37 27 # 38 27 # 40 27 # 42 27 # 44 | 20 Y 30 20 Y 17 20 Y 03 19 Y 50 19 Y 36 19 Y 21 19 Y 07 18 Y 52 18 Y 36 18 Y 20 18 Y 04 17 Y 47 17 Y 30 17 Y 12 16 Y 54 16 Y 35 | 11813 10844 10814 9844 9813 8841 8808 7835 7801 6825 5849 5812 4833 3854 3813 2831 | 6 II 00 5 II 20 4 II 38 3 II 54 3 II 10 2 II 23 1 II 35 0 II 46 29 8 55 29 8 01 28 8 06 27 8 09 26 8 09 25 8 07 24 8 03 22 8 56 | 11 \$\pi 53\$ 11 \$\pi 23\$ 10 \$\pi 51\$ 10 \$\pi 18\$ 9 \$\pi 43\$ 9 \$\pi 06\$ 8 \$\pi 27\$ 7 \$\pi 46\$ 7 \$\pi 03\$ 6 \$\pi 17\$ 5 \$\pi 28\$ 4 \$\pi 37\$ 3 \$\pi 42\$ 2 \$\pi 43\$ 1 \$\pi 41\$ 0 \$\pi 33\$ | 28 \ 15 28 \ 16 28 \ 16 28 \ 16 28 \ 17 28 \ 18 28 \ 19 28 \ 20 28 \ 21 28 \ 21 28 \ 22 28 \ 23 28 \ 24 28 \ 25 28 \ 27 28 \ 28 28 \ 29 | 21 1 15 21 1 02 20 1 48 20 1 34 20 1 19 20 1 04 19 1 49 19 1 34 19 1 18 19 1 18 18 1 27 18 1 20 17 1 20 17 1 31 17 1 12 | 11856 11826 10856 10825 9854 9821 8848 8814 7839 7803 6826 5848 5809 4829 3847 3804 | 6 1 4 8 6 1 0 6 5 1 2 4 4 1 4 0 3 1 5 5 3 1 0 8 2 1 1 9 1 1 2 9 0 1 3 7 2 9 3 4 3 2 8 3 4 7 2 7 8 4 9 2 5 3 4 6 2 4 3 4 3 2 2 3 3 3 2 | 12\$52 12\$22 11\$50 11\$17 10\$41 10\$04 9\$25 8\$44 8\$01 7\$15 6\$26 5\$34 4\$39 3\$40 2\$37 1\$29 | 29 % 07 29 % 08 29 % 08 29 % 09 29 % 09 29 % 10 29 % 10 29 % 11 29 % 11 29 % 12 29 % 13 29 % 14 29 % 14 | 21 \(\pm 47 \) 21 \(\pm 32 \) 21 \(\pm 18 \) 21 \(\pm 03 \) 20 \(\pm 47 \) 20 \(\pm 31 \) 20 \(\pm 15 \) 19 \(\pm 59 \) 19 \(\pm 42 \) 19 \(\pm 60 \) 18 \(\pm 48 \) 18 \(\pm 29 \) 17 \(\pm 48 \) | 12809 11839 11807 10835 10802 9828 8854 8818 7841 7804 6825 5845 5804 4822 3838 | 6 II 53 6 II 10 5 II 26 4 II 40 3 II 53 3 II 03 2 II 13 1 II 20 0 II 25 29 8 29 28 8 30 27 8 28 26 8 24 25 8 18 24 8 09 | 13 # 52 1 1 2 # 4 1 1 2 # 4 1 1 1 # 6 1 1 1 1 # 6 1 1 1 1 1 1 1 1 1 |

| | Sid.Tin 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 | 32°00 |
|------------|----------------|-------------------------------------|----------------------------------|----------------------------------|----------------|------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|-----------------------------------|-------------------------------------|----------------------------------|----------------------------------|------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 0Υ00 | 2810 | 2П05 | 0ഇ00 | 27954 | 1Υ05 | 3813 | 3П02 | 0ഇ55 | 28952 | 2Υ10 | 4815 | 3Д59 | 1950 | 2994 |
| 1S | 0Υ00 | 1859 | 1 Д 43 | 29П39 | 275643 | 1Y05 | 3801 | 2П41 | 0ഇ34 | 289541 | 2Υ10 | 4803 | 3 Д 37 | 1929 | 2993 |
| 2S | 0Υ00 | 1847 | 1 Д 22 | 29П18 | 27ഇ33 | 1Υ04 | 2849 | 2П19 | 0ഇ13 | 28530 | 2Υ09 | 3850 | 3П16 | 1 5 0 8 | 2992 |
| 3S | 0Υ00 | 1836 | 1耳01 | 28II 57 | 27922 | 1 Υ 04 | 2837 | 1Д58 | 29П52 | 28519 | 2Υ09 | 3838 | 2П54 | 0ഇ48 | 2991 |
| 4S | 0Υ00 | 1824 | 0П40 | 28 Д 37 | 279311 | 1Υ04 | 2826 | 1Д36 | 29П32 | 28508 | 2Υ08 | 3826 | 2Д33 | 0927 | 2990 |
| 5S | 0Υ00 | 1813 | 0П19 | 28耳16 | 27ഇ00 | 1Υ04 | 2814 | 1П15 | 29П11 | 27ഇ58 | 2Υ08 | 3815 | 2П11 | 0ഇ06 | 2895 |
| 6S | 0Υ00 | 1802 | 29858 | 27Ⅲ55 | 26949 | 1Υ03 | 2802 | 0Д54 | 28II50 | 279347 | 2 Υ 07 | 3803 | 1Д50 | 29 11 45 | 2894 |
| 7S | 0Υ00 | 0851 | 29837 | 27Ⅲ34 | 26538 | 1Υ03 | 1851 | 0Д33 | 28П29 | 27536 | 2Υ07 | 2851 | 1 Д 29 | 29Ⅱ24 | 2853 |
| 8S | 0Υ00 | 0840 | 29816 | 27 Д 13 | 26526 | 1 Υ 03 | 1840 | 0п12 | 28 11 08 | 27524 | 2Υ06 | 2840 | 1 11 08 | 29П03 | 2852 |
| 9S | 0Υ00 | 0829 | 28855 | 26П52 | 26915 | 1 Υ 03 | 1829 | 29851 | 27Ⅱ47 | 27513 | 2℃06 | 2828 | 0П47 | 28 II 42 | 28931 |
| los | 0 Υ 00 | 0818 | 28835 | 26耳31 | 26904 | 1Υ02 | 1817 | 29830 | 27Ⅲ26 | 27502 | 2Υ05 | 2816 | 0П26 | 28 II 21 | 2899(|
| 1S | 0Υ00 | 0807 | 28814 | 26 Д 10 | 25@52 | 1 γ 02 | 1806 | 29809 | 27Ⅲ04 | 26950 | 2Υ05 | 2805 | 0П05 | 27П59 | 27994 |
| 2S | 0Υ00 | 29Y56 | 27853 | 25 11 48 | 25940 | 1 γ 02 | 0855 | 28848 | 26 11 43 | 26539 | 2Υ05 | 1854 | 29843 | 27 Д 38 | 2795 |
| 38 | 000 | 29 Y 46 29 Y 35 | 27833 | 25 II 27 | 25529 | 1 Υ 02 | 0844 | 28828 | 26 II 21 26 II 00 | 26527 | 2Υ04 | 1842 | 29822 | 27 II 16 | 27ණ 27ණ |
| 4S | 0 Y 00 | | 27812 | 25П05 | 25917 | 1 Υ 02 | 0833 | 28807 | | 26515 | 2 Y 04 | 1831 | 29801 | 26 II 54 | |
| ISS | 0Υ00 | 29 ℃ 24 | 26851 | 24 II 43 | 25905 | 1Υ01 | 0822 | 27846 | 25 Д 38 | 26503 | 2Υ03 | 1820 | 28840 | 26II32 | 2799 |
| 16S | 0Υ00 | 29 ° 14 | 26831 | 24 II 21 | 24553 | 1 Υ 01 | 0811 | 27825 | 25 II 16 | 25@51 | 2 9 0 3 | 1808 | 28819 | 26 II 10 | 2695 |
| 7S 8S | 0Υ00 0Υ00 | 29 \(\cdot 03 \) 28 \(\cdot 52 \) | 26 8 10 25 8 49 | 23 II 59 | 24©40 24©28 | 1 Υ 01 1 Υ 01 | 0800 29 Ƴ 49 | 27804 26843 | 24 II 53 24 II 31 | 25@39 | 2Υ02 2Υ02 | 0857 | 27858 | 25 II 48 25 II 25 | 26ණ 26ණ |
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| 24S | 0Υ00 | 27 ¥ 39 | 23842 | 21 II 16 | 23908 | 0Υ59 | 28 Y 43 | 24835 | 22 II 10 | 24507 | 1 γ 59 | 29 Y 38 | 25827 | 23 II 04 | 259 |
| 25S | 0Υ00 | 27 Ƴ 37 | | | | | | | | | | | | | 2493 |
| 26S | 0Υ·00 0Υ·00 | 27Y37 27Y26 | 23821 22859 | 20 II 52 20 II 27 | 22©54 22©40 | 0Υ59 0Υ59 | 28 \gamma 32 28 \gamma 21 | 24 8 13 23 8 51 | 21 II 46 21 II 21 | 23@53 23@39 | 1Υ58 1Υ58 | 29 \cdot 26 29 \cdot 15 | 25 8 05 24 8 43 | 22 II 40 22 II 15 | 249 |
| .7S | 0Υ00 | 27Υ16 | 22837 | 20 II 02 | 22925 | 0Υ58 | 28 Y 09 | 23829 | 20 II 56 | 23524 | 1 γ 57 | 29 Y 03 | 24820 | 21 II 49 | 249 |
| 8S | 0Υ00 | 27 Y 05 | 22815 | 19 Д 37 | 22510 | 0Υ58 | 27Υ58 | 23806 | 20 II 30 | 23509 | 1Υ57 | 28 Y 52 | 23858 | 21 II 23 | 249 |
| 98 | 0Υ00 | 26Υ54 | 21853 | 19П11 | 21955 | 0Υ58 | 27Υ47 | 22844 | 20П04 | 22554 | 1Υ56 | 28°Y40 | 23835 | 20П57 | 239 |
| 30S | 0 Υ 00 | 26Ƴ42 | 21831 | 18П45 | 21539 | 0Υ58 | 27 Y 35 | 22821 | 19П38 | 22539 | 1Y56 | 28Y28 | 23812 | 20П31 | 2393 |
| 31S | 0Υ00 | 26 Y 31 | 21808 | 18 II 18 | 21933 | 0Υ57 | 27Υ24 | 21858 | 19П11 | 22523 | 1 γ 55 | 28Υ16 | 22849 | 20 II 04 | 239 |
| 32S | 0Υ00 | 26Υ20 | 20845 | 17Д51 | 21907 | 0Υ57 | 27Υ12 | 21835 | 18 Д 43 | 22506 | 1Υ55 | 28 γ 04 | 22825 | 19 Д 36 | 23.50 |
| 33S | 0Υ00 | 26Y09 | 20822 | 17 Д 23 | 20950 | 0Υ57 | 27Υ00 | 21812 | 18 I I15 | 215649 | 1Υ54 | 27 Y 52 | 22801 | 19П08 | 229 |
| 34S | 0Υ00 | 25 ⋎ 57 | 19859 | 16耳55 | 20ഇ32 | 0 Υ 57 | 26Ƴ49 | 20848 | 17Ⅲ47 | 21532 | 1Υ54 | 27 Ƴ 40 | 21837 | 18耳39 | 2295 |
| 35S | 0Υ00 | 25Ƴ46 | 19835 | 16П26 | 20914 | 0Υ56 | 26Y37 | 20824 | 17П18 | 21514 | 1Υ53 | 27Y28 | 21813 | 18П10 | 229 |
| 36S | 0Υ00 | 25 Y 34 | 19811 | 15 Д 56 | 19956 | 0Υ56 | 26Y25 | 20800 | 16耳48 | 20\$56 | 1Υ53 | 27Υ15 | 20848 | 17 I I40 | 2199 |
| 37S | 0Υ00 | 25 ℃ 22 | 18847 | 15П26 | 19ള37 | 0Υ56 | 26 ℃ 12 | 19835 | 16耳18 | 20ഇ37 | 1Υ52 | 27Υ03 | 20823 | 17 I I0 | 21 5 |
| 88S | 0Υ00 | 25 Υ 10 | 18822 | 14耳56 | 19518 | 0Υ55 | 26Y00 | 19810 | 15Ⅲ47 | 20ഇ18 | 1Y51 | 26Y50 | 19858 | 16耳39 | 219 |
| 39S | 0Υ00 | 24 Υ 58 | 17857 | 14耳24 | 18958 | 0Υ55 | 25Ƴ48 | 18845 | 15 II 15 | 19\$58 | 1Υ51 | 26Ƴ37 | 19832 | 16耳07 | 20ණ |
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| 11S | 0Υ00 | 24 Y 33 | 17806 | 13 Д 19 | 18916 | 0Υ55 | 25 ℃ 22 | 17853 | 14耳10 | 19516 | 1Υ50 | 26Υ11 | 18840 | 15 I I01 | 20ತಾ |
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| 13S | 0Υ00 | 24 ⋎ 08 | 16813 | 12П11 | 17530 | 0Υ54 | 24Υ56 | 16859 | 13П01 | 18530 | 1Υ48 | 25 ℃ 44 | 17845 | 13 Д 51 | 1993 |
| 4S | 0Υ00 | 23 Υ 55 | 15846 | 11Д35 | 17906 | 0Υ54 | 24Ƴ42 | 16832 | 12 Д 25 | 18507 | 1 Υ48 | 25 Ƴ 30 | 17817 | 13 II 15 | 199 |
| 15S | 0Υ00 | 23Ƴ41 | 15818 | 10Д59 | 16942 | 0Υ53 | 24Ƴ29 | 16804 | 11 I I48 | 175642 | 1 ℃ 47 | 25 ℃ 16 | 16849 | 12 Д 38 | 189 |
| 6S | 0Υ00 | 23 ℃ 28 | 14850 | 10 Д 22 | 16916 | 0Υ53 | 24Ƴ15 | 15835 | 11 I I10 | 17516 | 1 Υ 46 | 25 ⋎ 01 | 16820 | 12П00 | 189 |
| 7S | 0Υ00 | 23 ℃ 14 | 14822 | 9П43 | 159649 | 0Υ53 | 24Υ01 | 15806 | 10 Д 32 | 16549 | 1 Υ 46 | 24 ℃ 47 | 15850 | 11 Д20 | 179 |
| 8S | 0Υ00 | 23Υ00 | 13852 | 9Д03 | 15921 | 0Υ52 | 23°Y46 | 14836 | 9Д51 | 16521 | 1 γ 45 | 24Υ32 | 15820 | 10 11 40 | 179 |
| 9S | 0Υ00 | 22Ƴ46 | 13823 | 8П22 | 14952 | 0Υ52 | 23 ℃ 31 | 14806 | 9П10 | 15\$52 | 1 Υ 44 | 24 ℃ 17 | 14849 | 9П58 | 169 |
| 0S | 0Υ00 | 22Ƴ32 | 12852 | 7 I I40 | 14921 | 0Υ51 | 23 Y 16 | 13835 | 8П27 | 15©21 | 1 ° 43 | 24Y01 | 14818 | 9п15 | 169 |
| 1S | 0Υ00 | 22 Υ 17 | 12821 | 6Ц57 | 135649 | 0Υ51 | 23 ℃ 01 | 13803 | 7П43 | 145649 | 1Υ43 | 23 Y 45 | 13845 | 8Д30 | 159 |
| 2S | 0Υ00 | 22Υ01 | 11849 | 6Ц12 | 13915 | 0Υ51 | 22°45 | 12830 | 6Ц58 | 14516 | 1 γ 42 | 23 Υ 29 | 13812 | 7 II 44 | 159 |
| 3S | 000 | 21 Y 46 | 11816 | 5 II 25 | 12540 | 0Υ50 0Υ50 | 22Υ29 22Υ13 | 11857 | 6H11 | 13540 | 1 Υ 41 | 23 Y 13 | 12838 | 6II 57 | 149 |
| 4S | 0 Y 00 | 21 Y 30 | 10843 | 4П37 | 12503 | 0Υ50 | 22 ⋎ 13 | 11823 | 5 II 22 | 13503 | 1 Υ 40 | 22 Υ 56 | 12804 | 6П08 | 149 |
| 5S | 0Υ00 | 21 ℃ 14 | 10808 | 3П48 | 11524 | 0Υ49 | 21Υ56 | 10848 | 4П32 | 12524 | 1Υ39 | 22 Y 38 | 11828 | 5П17 | 13 25 |
| 6S | 0Υ00 | 20°57 | 9833 | 2Д56 | 10542 | 0Υ49 | 21 γ 39 | 10812 | 3 II 40 | 115642 | 1γ38 | 22Υ21 | 10852 | 4 II 24 | 129 |
| 7S | 0Υ00 | 20 ° 40 | 8857 | 2Д03 | 9559 | 0Υ49 | 21 \(\chi_21 \) | 9835 | 2П46 | 10@58 | 1 γ 38 | 22Υ02 21 20 4 4 | 10814 | 3 Д 29 | 110 |
| SS S | 0Υ00 0Υ00 | 20\cdot 22 | 8819 | 1 Д 07 | 9512 | 0Υ48 | 21 Y 03 | 8857 | 1 II 50 | 10512 | 1Υ37 | 21 \ 24 | 9 8 35 | 2 Д 32 | 1100 |
| 9S | 0Υ00 | 20 ℃ 04 | 7841 | 0п10 | 8523 | 0Υ48 | 20 ℃ 44 | 8818 | 0Д51 | 9522 | 1Υ36 | 21 γ 24 | 8856 | 1 11 33 | 100 |
| OS | 0Υ00 | 19Ƴ46 | 7802 | 29810 | 7930 | 0Υ47 | 20℃25 | 7838 | 29851 | 8529 | 1Υ35 | 21 Y 04 | 8815 | 0П32 | 99 |
| 1S | 0Υ00 | 19℃26 | 6821 | 28808 | 6934 | 0Υ47 | 20Υ05 | 6857 | 28848 | 7933 | 1Υ34 | 20Υ44 | 7833 | 29828 | 89 |
| 2S | 000 | 19 ° 07 | 5839 | 27803 | 5935 | 0Υ46 0Υ45 | 19 ° 45 | 6814 | 27842 | 6933 | 1 γ 32 | 20Υ23 | 6849 | 28821 | 79 |
| 3S | 0Υ00 0Υ00 | 18Y46 | 4856 | 25856 | 4930 | 0Υ45 0Υ45 | 19 7 24 | 5 8 30 | 26834 | 5928 | 1931 | 20Υ01 10Υ38 | 6805 5818 | 27811 | 69 500 |
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| 5S | 0Υ00 | 18Y03 | 3825 | 23832 | 2507 | 0Υ44 | 18Υ39 | 3858 | 24808 | 3504 | 1γ29 | 19Υ15 | 4831 | 24844 | 49 |
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SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

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| 888 | 3 \(^13\) 3 \(^13\) 3 \(^11\) 3 \(^11\) 3 \(^11\) 3 \(^11\) 3 \(^10\) 3 \(^1 | 4852 4840 4827 4815 4803 3851 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 3 II 51 3 II 29 3 II 08 2 II 46 2 II 25 2 II 03 1 II 42 1 II 21 1 II 00 0 II 38 0 II 17 29 8 5 6 29 8 3 4 29 8 1 3 28 8 5 2 28 8 3 0 28 8 0 9 27 8 4 7 27 8 2 5 | 1943 1922 1901 0940 0919 29158 29137 29116 28154 28133 28111 27149 27127 27105 26142 26120 25157 25134 | 00.15 00.04 29.54 29.643 29.632 29.621 29.610 28.659 28.647 28.636 28.624 28.613 28.601 27.649 27.637 27.625 | 4 18 4 17 4 16 4 15 4 14 4 13 4 12 4 11 4 10 4 10 6 10 | 5841 5828 5815 5803 4851 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 4 II 47 4 II 25 4 II 04 3 II 42 3 II 21 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 2938 2917 1956 1935 1914 0953 0932 0911 29149 29128 29106 28144 | 1 \(\alpha \) 1 \(\alpha \) 3 \\ 0 \(\alpha \) 5 2 \\ 0 \(\alpha \) 4 1 \\ 0 \(\alpha \) 3 0 \\ 0 \(\alpha \) 20 \\ 0 \(\alpha \) 0 \\ 0 \(\alpha \) 9 \\ \(\alpha \) 5 7 \\ 29 \(\oldsymbol{\omega} \) 4 6 \\ 29 \(\oldsymbol{\omega} \) 3 5 \\ 29 \(\oldsymbol{\omega} \) 23 | 5 \(^2\)23 5 \(^2\)21 5 \(^2\)20 5 \(^1\)9 5 \(^1\)18 5 \(^1\)16 5 \(^1\)14 5 \(^1\)13 5 \(^1\)2 5 \(^1\)11 | 6841 6828 6816 6803 5850 5838 5825 5813 5801 4848 4836 | 5 II 43 5 II 22 5 II 00 4 II 38 4 II 16 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 3 @ 33 3 @ 12 2 @ 51 2 @ 30 2 @ 09 1 @ 48 1 @ 27 1 @ 06 0 @ 44 0 @ 23 0 @ 01 | 2 \(\Omega \) 1 \(\Omega \) 0 \(\Omega \) 0 \(\Omega \) 0 \(\Omega \) 0 \(\Omega \) |
| 18 | 3 \(^13\) 3 \(^11\) 3 \(^11\) 3 \(^11\) 3 \(^11\) 3 \(^10\) 3 \(^1 | 4827 4815 4803 3851 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 3 m 29 3 m 08 2 m 46 2 m 25 2 m 03 1 m 42 1 m 21 1 m 00 0 m 38 0 m 17 29 8 56 29 8 3 4 29 8 13 28 8 5 2 28 8 3 0 28 8 0 9 27 8 4 7 27 8 2 5 | 1522 1501 0540 0519 29158 29137 29116 28154 28133 28111 27149 27127 27105 26142 26120 25157 25134 | 0.004 29.554 29.532 29.521 29.510 28.559 28.547 28.536 28.524 28.513 28.501 27.549 27.537 27.525 | 4 \(^17\) 4 \(^16\) 4 \(^16\) 4 \(^15\) 4 \(^14\) 4 \(^13\) 4 \(^11\) 4 \(^10\) | 5828 5815 5803 4851 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 4 II 25 4 II 04 3 II 42 3 II 21 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 2517 1556 1535 1514 0553 0532 0511 29149 29128 29106 28144 | 1 \(\alpha 0 \) 3 \) 0 \(\alpha 52 \) 0 \(\alpha 41 \) 0 \(\alpha 30 \) 0 \(\alpha 20 \) 0 \(\alpha 09 \) 29 \(\operatorname{5} 7 \) 29 \(\operatorname{6} 46 \) 29 \(\operatorname{3} 5 \) 29 \(\operatorname{2} 2 \) 35 \\ 20 \(\operatorname{2} 2 \) 35 \(\operatorna | 5 \(^2\)1 5 \(^2\)2 0 5 \(^1\)9 5 \(^1\)8 5 \(^1\)1 5 \(^1\)6 5 \(^1\)4 5 \(^1\)3 5 \(^1\)2 5 \(^1\)1 | 6828 6816 6803 5850 5838 5825 5813 5801 4848 4836 | 5 II 22 5 II 00 4 II 38 4 II 16 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 3 5 1 2 2 5 5 1 2 5 3 0 2 5 0 9 1 5 4 8 1 5 2 7 1 5 0 6 0 5 4 4 0 5 2 3 0 5 0 1 | 2 \(\alpha \) 1 \(\alpha \) 1 \(\alpha \) 1 \(\alpha \) 1 \(\alpha \) 0 \(\alpha \) |
| 555 555 555 555 555 555 555 555 555 55 | 3 \(12 \) 3 \(11 \) 3 \(11 \) 3 \(10 \) | 4815 4803 3851 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 3 II 08 2 II 46 2 II 25 2 II 03 1 II 42 1 II 21 1 II 00 0 II 38 0 II 17 29 856 29 834 29 813 28 852 28 830 28 809 27 847 27 825 | 1501 0540 0519 29 II 58 29 II 37 29 II 16 28 II 54 28 II 33 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 29\$54 29\$43 29\$32 29\$21 29\$10 28\$59 28\$47 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4°16 4°15 4°14 4°13 4°12 4°11 4°10 4°10 4°09 4°08 4°07 4°06 4°05 | 5815 5803 4851 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 4 II 04 3 II 42 3 II 21 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 1\$56 1\$35 1\$14 0\$53 0\$32 0\$31 29\$149 29\$128 29\$106 28\$144 | 0.0.52 0.0.41 0.0.30 0.0.20 0.0.09 29.557 29.546 29.535 29.523 | 5 \(\pm 20 \) 5 \(\pm 19 \) 5 \(\pm 18 \) 5 \(\pm 17 \) 5 \(\pm 16 \) 5 \(\pm 14 \) 5 \(\pm 13 \) 5 \(\pm 12 \) 5 \(\pm 11 \) | 6816 6803 5850 5838 5825 5813 5801 4848 4836 | 5 II 00 4 II 38 4 II 16 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 2551 2530 2509 1548 1527 1506 0544 0523 0501 | 1 \(\Omega \) 1 \(\Omega \) 1 \(\Omega \) 1 \(\Omega \) 0 \(\Omega \) 0 \(\Omega \) 0 \(\Omega \) 0 \(\Omega \) |
| 568 | 3 \(^11\) 3 \(^11\) 3 \(^10\) 3 \(^1 | 4803 3851 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 21146 21125 21103 11142 11121 11100 01138 01117 29856 29834 29813 28852 28830 28809 27847 27825 | 0\$40 0\$19 29\$158 29\$137 29\$16 28\$154 28\$133 28\$111 27\$149 27\$127 27\$105 26\$142 26\$120 25\$157 25\$134 | 29\$43 29\$32 29\$21 29\$10 28\$59 28\$47 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4 \(15 \) 4 \(14 \) 4 \(13 \) 4 \(11 \) 4 \(10 \) | 5803 4851 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 3 II 42 3 II 21 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 1535 1514 0553 0532 0511 29149 29128 29106 28144 | 0041 0030 0020 0009 29\$57 29\$46 29\$35 29\$23 | 5 \(\pm 19 \) 5 \(\pm 18 \) 5 \(\pm 17 \) 5 \(\pm 16 \) 5 \(\pm 14 \) 5 \(\pm 13 \) 5 \(\pm 12 \) 5 \(\pm 11 \) | 6803 5850 5838 5825 5813 5801 4848 4836 | 4 II 38 4 II 16 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 2530 2509 1548 1527 1506 0544 0523 0501 | 1 M 1 M 1 M 1 M 0 M 0 M 0 M |
| 568 | 3 \(^11\) 3 \(^11\) 3 \(^10\) 3 \(^1 | 4803 3851 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 21146 21125 21103 11142 11121 11100 01138 01117 29856 29834 29813 28852 28830 28809 27847 27825 | 0\$40 0\$19 29\$158 29\$137 29\$16 28\$154 28\$133 28\$111 27\$149 27\$127 27\$105 26\$142 26\$120 25\$157 25\$134 | 29\$43 29\$32 29\$21 29\$10 28\$59 28\$47 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4 \(15 \) 4 \(14 \) 4 \(13 \) 4 \(11 \) 4 \(10 \) | 5803 4851 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 3 II 42 3 II 21 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 1535 1514 0553 0532 0511 29149 29128 29106 28144 | 0041 0030 0020 0009 29\$57 29\$46 29\$35 29\$23 | 5 \(\pm 19 \) 5 \(\pm 18 \) 5 \(\pm 17 \) 5 \(\pm 16 \) 5 \(\pm 14 \) 5 \(\pm 13 \) 5 \(\pm 12 \) 5 \(\pm 11 \) | 6803 5850 5838 5825 5813 5801 4848 4836 | 4 II 38 4 II 16 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 2530 2509 1548 1527 1506 0544 0523 0501 | 1 66 1 66 1 66 0 66 0 66 0 66 |
| 98 | 3 \(^11\) 3 \(^10\) 3 \(^1 | 3851 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 2 m 25 2 m 03 1 m 42 1 m 21 1 m 00 0 m 38 0 m 17 29 8 56 29 8 3 4 29 8 13 28 8 5 2 28 8 3 0 27 8 4 7 27 8 2 5 | 0 © 19 29 II 58 29 II 37 29 II 16 28 II 54 28 II 33 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 29\$32 29\$21 29\$10 28\$59 28\$47 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4 \cdot 14 4 \cdot 13 4 \cdot 12 4 \cdot 11 4 \cdot 10 4 \cdot 10 4 \cdot 09 4 \cdot 08 4 \cdot 07 4 \cdot 06 4 \cdot 05 | 4851 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 3 II 21 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 1514 0553 0532 0511 29149 29128 29106 28144 | 0030 0020 0009 29\$57 29\$46 29\$35 29\$23 | 5 ° 18 5 ° 17 5 ° 16 5 ° 14 5 ° 13 5 ° 12 5 ° 11 | 5850 5838 5825 5813 5801 4848 4836 | 4 II 16 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 2509 1548 1527 1506 0544 0523 0501 | 1 6 1 6 0 6 0 6 0 6 |
| 988 | 3 7 10 3 7 09 3 7 08 3 7 08 3 7 06 3 7 06 3 7 06 3 7 06 3 7 03 3 7 03 3 7 03 3 7 01 3 7 01 3 7 01 3 7 00 2 7 59 2 7 58 | 3839 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 2m03 1m42 1m21 1m00 0m38 0m17 29\56 29\34 29\813 28\852 28\830 28\809 27\847 27\825 | 29 II 58 29 II 37 29 II 16 28 II 54 28 II 33 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 29\$21 29\$10 28\$59 28\$47 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4 \(^13\) 4 \(^11\) 4 \(^11\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) 4 \(^10\) | 4839 4826 4814 4802 3850 3838 3826 3814 3803 | 2 II 59 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 053 0532 0511 29149 29128 29106 28144 | 0£20 0£09 29\$57 29\$46 29\$35 29\$23 | 5 ° 17 5 ° 16 5 ° 14 5 ° 13 5 ° 12 5 ° 11 | 5838 5825 5813 5801 4848 4836 | 3 II 55 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 1948 1927 1906 0944 0923 0901 | 1 6 1 6 0 6 0 6 0 6 |
| 98 | 3 \(\psi \) 9 \\ 3 \(\psi \) 0 8 \\ 3 \(\psi \) 0 8 \\ 3 \(\psi \) 0 8 \\ 3 \(\psi \) 0 6 \\ 3 \(\psi \) 0 6 \\ 3 \(\psi \) 0 6 \\ 3 \(\psi \) 0 3 \\ 3 \(\psi \) 0 3 \\ 3 \(\psi \) 0 3 \\ 3 \(\psi \) 0 1 \\ 3 \(\psi \) 0 1 \\ 3 \(\psi \) 0 2 \\ 5 \(\psi \) 5 8 \\ 2 \(\psi \) 5 8 | 3827 3815 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 1 П 42 1 П 21 1 П 00 0 П 38 0 П 17 29 8 56 29 8 34 29 8 13 28 8 52 28 8 30 28 8 09 27 8 47 27 8 25 | 29 II 37 29 II 16 28 II 54 28 II 33 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 29\$10 28\$59 28\$47 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4°12 4°11 4°10 4°10 4°09 4°08 4°07 4°06 4°05 | 4826 4814 4802 3850 3838 3826 3814 3803 | 2 II 38 2 II 16 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 0532 0511 29П49 29П28 29П06 28П44 | 0£09 29\$57 29\$46 29\$35 29\$23 | 5 ° 16 5 ° 14 5 ° 13 5 ° 12 5 ° 11 | 5825 5813 5801 4848 4836 | 3 II 33 3 II 11 2 II 50 2 II 28 2 II 06 | 1527 1506 0544 0523 0501 | 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & |
| SS | 3 \(\psi \) 08 3 \(\psi \) 07 3 \(\psi \) 06 3 \(\psi \) 06 3 \(\psi \) 05 3 \(\psi \) 04 3 \(\psi \) 03 3 \(\psi \) 03 3 \(\psi \) 03 3 \(\psi \) 01 3 \(\psi \) 01 2 \(\psi \) 58 2 \(\psi \) 58 | 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 1 II 00 0 II 38 0 II 17 29 8 56 29 8 34 29 8 13 28 8 52 28 8 30 28 8 09 27 8 47 27 8 25 | 28 II 54 28 II 33 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 28\$\pi47\$ 28\$\pi36\$ 28\$\pi24\$ 28\$\pi13\$ 28\$\pi01\$ 27\$\pi49\$ 27\$\pi37\$ 27\$\pi25\$ | 4°10 4°10 4°09 4°08 4°07 4°06 4°05 | 4802 3850 3838 3826 3814 3803 | 1 II 55 1 II 33 1 II 12 0 II 50 0 II 29 | 29 II 49 29 II 28 29 II 06 28 II 44 | 29©46 29©35 29©23 | 5Υ13 5Υ12 5Υ11 | 5801 4848 4836 | 2П50 2П28 2П06 | 0ණ44 0ණ23 0ණ01 | 08 |
| 288 | 3 \(^07\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 3 \(^06\) 2 \(^06\) 2 \(^06\) 2 \(^06\) 2 \(^06\) 3 \(^06\) 2 \(^06\) 2 \(^06\) 3 \(^06\) 2 \(^06\) 3 \(^0 | 3804 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 0 II 38 0 II 17 29 8 56 29 8 34 29 8 13 28 8 52 28 8 30 28 8 09 27 8 47 27 8 25 | 28 II 54 28 II 33 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 28\$36 28\$24 28\$13 28\$01 27\$49 27\$37 27\$25 | 4 \cdot 10 4 \cdot 09 4 \cdot 08 4 \cdot 07 4 \cdot 06 4 \cdot 05 | 3850 3838 3826 3814 3803 | 1 II 33 1 II 12 0 II 50 0 II 29 | 29 II 28 29 II 06 28 II 44 | 29©35 29©23 | 5Υ12 5Υ11 | 4848 4836 | 2П28 2П06 | 0ණ23 0ණ01 | 08 |
| SS | 3 \(\phi \) 06 3 \(\phi \) 06 3 \(\phi \) 05 3 \(\phi \) 04 3 \(\phi \) 03 3 \(\phi \) 03 3 \(\phi \) 01 3 \(\phi \) 01 3 \(\phi \) 01 2 \(\phi \) 58 2 \(\phi \) 58 | 2852 2840 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 0117 29856 29834 29813 28852 28830 28809 27847 27825 | 28 II 11 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 28©24 28©13 28©01 27©49 27©37 27©25 | 4 \cdot 09 4 \cdot 08 4 \cdot 07 4 \cdot 06 4 \cdot 05 | 3838 3826 3814 3803 | 1П12 0П50 0П29 | 29 II 06 28 II 44 | 29523 | 5Υ11 | 4836 | 2П06 | 0ഇ01 | 08 |
| SS | 3 \(\phi \) 6 3 \(\phi \) 05 3 \(\phi \) 04 3 \(\phi \) 03 3 \(\phi \) 03 3 \(\phi \) 01 3 \(\phi \) 01 3 \(\phi \) 01 2 \(\phi \) 58 2 \(\phi \) 58 | 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 29856 29834 29813 28852 28830 28809 27847 27825 | 27 II 49 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 28©13 28©01 27©49 27©37 27©25 | 4Υ08 4Υ07 4Υ06 4Υ05 | 3826 3814 3803 | 0П50 0П29 | 28 I I44 | | | | | | |
| 55 | 3 \(\psi 05 \) 3 \(\psi 04 \) 3 \(\psi 03 \) 3 \(\psi 03 \) 3 \(\psi 02 \) 3 \(\psi 01 \) 3 \(\psi 01 \) 3 \(\psi 01 \) 2 \(\psi 59 \) 2 \(\psi 58 \) 2 \(\psi 58 \) | 2829 2817 2805 1854 1842 1831 1819 1807 0856 0844 | 29834 29813 28852 28830 28809 27847 27825 | 27 II 27 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 28©01 27©49 27©37 27©25 | 4°07 4°06 4°05 | 3826 3814 3803 | 0П29 | | 29ഇ12 | 5Υ10 | 4824 | 1 π 45 | 29П39 | 0.6 |
| 68 | 3 \(\psi 04 \) 3 \(\psi 03 \) 3 \(\psi 03 \) 3 \(\psi 02 \) 3 \(\psi 01 \) 3 \(\psi 01 \) 3 \(\psi 00 \) 2 \(\psi 58 \) 2 \(\psi 58 \) 2 \(\psi 58 \) | 2805 1854 1842 1831 1819 1807 0856 0844 | 29813 28852 28830 28809 27847 27825 | 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 27©49 27©37 27©25 | 4Υ06 4Υ05 | 3803 | | 28π22 | | | | 111175 | | |
| 68 | 3 \(\psi 04 \) 3 \(\psi 03 \) 3 \(\psi 03 \) 3 \(\psi 02 \) 3 \(\psi 01 \) 3 \(\psi 01 \) 3 \(\psi 00 \) 2 \(\psi 58 \) 2 \(\psi 58 \) 2 \(\psi 58 \) | 2805 1854 1842 1831 1819 1807 0856 0844 | 29813 28852 28830 28809 27847 27825 | 27 II 05 26 II 42 26 II 20 25 II 57 25 II 34 | 27©49 27©37 27©25 | 4Υ06 4Υ05 | 3803 | | | 29500 | 5Υ08 | 4812 | 1 Д 23 | 29П17 | 0.6 |
| 78 | 3 \(\partial 0 \) 2 \(\partial 5 \) 2 \(\partial 5 \) 2 \(\partial 5 \) 3 \(\partial 0 \) 2 \(\partial 5 \) 3 \(\partial 0 \) 2 \(\partial 5 \) 3 \(\partial 0 \) 4 \(\partial 0 \) 3 \(\partial 0 \) 4 \(\partial 0 \) 5 \(\partial 0 \) 6 \(\partial 0 \) 7 \(\partial | 1854 1842 1831 1819 1807 0856 0844 | 28852 28830 28809 27847 27825 | 26 II 42 26 II 20 25 II 57 25 II 34 | 27©37 27©25 | 4 Υ 05 | | | 28 II 00 | 28948 | 5Υ07 | 4800 | 1 II 01 | 28 II 55 | 290 |
| 38 | 3 \cdot 03 3 \cdot 02 3 \cdot 01 3 \cdot 01 3 \cdot 00 2 \cdot 59 2 \cdot 58 2 \cdot 58 | 1842 1831 1819 1807 0856 0844 | 28830 28809 27847 27825 | 26 II 20 25 II 57 25 II 34 | 27925 | | | 0П07 29 8 46 | 27 II 37 | 28936 | 5Υ07 5Υ06 | 3847 | 0Д39 | 28 II 32 | 299 |
| 0S | 3 \(\partial 0 \) 2 \(\partial 5 \) | 1831 1819 1807 0856 0844 | 28809 27847 27825 | 25 II 57 25 II 34 | | 1 1 1 1 | 2839 | 29824 | 27 II 37 27 II 14 | 28930 | 5Υ05 | 3835 | 0Д39 | 28 II 09 | 299 |
| | 3 \(\partial 0 1 \) 3 \(\partial 0 1 \) 3 \(\partial 0 0 0 \) 2 \(\partial 5 9 \) 2 \(\partial 5 8 \) 2 \(\partial 5 8 \) | 1819 1807 0856 0844 | 27847 27825 | 25 II 34 | | 4Υ03 | 2827 | 29802 | 26II51 | 28 28 12 | 5 Υ 03 5 Υ 04 | 3823 | 29855 | 27 II 46 | 299 |
| S | 3 γ01 3 γ00 2 γ59 2 γ58 2 γ58 | 1807 0856 0844 | 27825 | | 20-50 | | | | | | | | | | |
| 28 38 38 38 38 38 38 38 | 3 γ 00 2 γ 59 2 γ 58 2 γ 58 | 0856 0844 | | 25 II 10 | 26959 | 4Υ02 | 2815 | 28840 | 26 II 28 | 27959 | 5Υ02 | 3811 | 29833 | 27 II 23 | 289 |
| 3S | 2 7 5 9 2 7 5 8 2 7 5 8 | 0844 | 21 0 03 | | 26947 | 4Υ01 | 2803 | 28818 | 26 II 05 | 27946 | 5Υ01 | 2859 | 29811 | 26 II 59 | 289 |
| | 2Υ58 2Υ58 | | 264141 | 24 II 47 | 26933 | 4Υ00 20050 | 1851 | 27856 | 25 II 41 | 27533 | 5Υ00 | 2846 | 28849 | 26 II 35 | 289 |
| | 2Υ58 | 0032 | 26841 | 24 II 23 | 26520 | 3Υ59 | 1839 | 27834 | 25 II 17 | 27520 | 4Υ59 | 2834 | 28826 | 26 II 11 | 289 |
| 5S | | | 26819 | 23 II 58 | 26506 | 3Υ58 | 1827 | 27811 | 24II52 | 27506 | 4Υ58 | 2822 | 28804 | 25 II 47 | 289 |
| 7S 2 3S 2 9S 2 9S 2 | 2 Y 57 | 0821 | 25857 | 23 II 33 | 25953 | 3 Υ 57 | 1815 | 26849 | 24II28 | 26ඉ53 | 4Υ56 | 2809 | 27841 | 25 11 22 | 279 |
| 3S 2 9S 2 9S 2 9S 2 | | 0809 | 25834 | 23 Ⅲ 08 | 25938 | 3Υ56 | 1803 | 26826 | 24II02 | 26938 | 4Υ55 | 1857 | 27818 | 24II56 | 279 |
| 0S 2 0S 2 .S 2 | 2Υ56 | 29 ⋎ 57 | 25812 | 22 II 43 | 25ණ24 | 3Υ55 | 0851 | 26803 | 23 II 37 | 26ණ24 | 4Υ54 | 1844 | 26855 | 24 II 31 | 279 |
| OS 2 | 2Υ55 | 29Ƴ45 | 24849 | 22 II 17 | 25909 | 3 Υ 54 | 0838 | 25840 | 23 Д 11 | 26 ඉ 09 | 4Υ53 | 1832 | 26831 | 24 II 05 | 279 |
| IS Z | 2Υ55 | 29Ƴ33 | 24826 | 21Д51 | 24954 | 3 Y 53 | 0826 | 25817 | 22 Д 44 | 25954 | 4 Y 51 | 1819 | 26808 | 23 Д38 | 269 |
| IS Z | 2Υ54 | 29Ƴ21 | 24802 | 21 Д 24 | 24939 | 3Υ52 | 0813 | 24853 | 22П17 | 25@39 | 4Υ50 | 1806 | 25844 | 23 Д 11 | 269 |
| | 2Y53 | 29Y09 | 23839 | 20П57 | 24923 | 3Υ51 | 0801 | 24829 | 21 Д 50 | 25923 | 4Υ49 | 0853 | 25820 | 22 Д 44 | 269 |
| | 2Υ52 | 28Y56 | 23815 | 20П29 | 24906 | 3Υ50 | 29Υ48 | 24805 | 21 Д22 | 25ഇ07 | 4 Υ 47 | 0840 | 24855 | 22 II 15 | 269 |
| | 2Υ51 | 28 Y 44 | 22851 | 20П01 | 23\$50 | 3 Υ 49 | 29Y36 | 23841 | 20П54 | 24950 | 4Υ46 | 0827 | 24831 | 21 Д47 | 259 |
| is i | 2Υ51 | 28 Y 31 | 22827 | 19П32 | 23 ഇ 33 | 3Υ48 | 29Ƴ23 | 23816 | 20II25 | 24933 | 4 Υ 45 | 0814 | 24806 | 21 II 18 | 259 |
| ss 2 | 2950 | 28 Y 19 | 22802 | 19П03 | 23915 | 3Υ47 | 29 Y 10 | 22851 | 19П55 | 24916 | 4 Υ 43 | 0801 | 23840 | 20П48 | 259 |
| | 2Υ49 | 28Y06 | 21837 | 18II 33 | 22957 | 3Υ45 | 28Y56 | 22826 | 19П25 | 23958 | 4Υ42 | 29°47 | 23815 | 20 II 17 | 249 |
| | 2Υ48 | 27Υ53 | 21812 | 18 II 02 | 22938 | 3 Υ 44 | 28 Y 43 | 22800 | 18 II 54 | 23939 | 4Υ41 | 29 Y 33 | 22849 | 19 Д46 | 249 |
| | 2Υ47 | | - | 17 II 30 | | 3Υ43 | | 21834 | | 23@20 | 4Υ39 | | _ | 19П14 | |
| | 2Υ46 | 27 Y 27 | 20820 | 16II58 | 21@59 | 3Υ42 | 28Υ16 | 21808 | 17II 50 | 23900 | 4Υ38 | 29Υ06 | 21855 | 18 II 42 | 249 |
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| | 2Υ45 | 27Υ13 | 19853 | 16П25 | 21 5 17 | 3Υ41 | 28Y02 | 20841 | 17II17 | 22539 | 4Υ36 | 28Y51 | 21828 | 18 II 08 | 239 |
| | 2Υ45 | 26Υ59 | 19827 | 15 II 52 | 21917 | 3Υ40 | 27°48 | 20813 | 16 11 43 | 22518 | 4Υ35 | 28 Y 37 | 21800 | 17 Д 34 | 239 |
| | 2Υ44 2Υ43 | 26 Y 46 | 18859 | 15 II 17 | 20555 | 3Υ38 | 27Y34 | 19846 | 16II 08 | 21556 | 4Υ33 | 28Y22 | 20832 | 16 II 59 | 229 |
| | 2Υ43 2Υ42 | 26 Y 32 26 Y 17 | 18 8 31 18 8 03 | 14П41 14П05 | 20@32 20@08 | 3Υ37 3Υ36 | 27 Y 20 27 Y 05 | 19 8 17 18 8 49 | 15 II 32 14 II 55 | 21©33 21©09 | 4Υ31 4Υ30 | 28 \(\cdot 07 \) 27 \(\cdot 52 \) | 20804 19834 | 16П23 15П45 | 229 |
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| | 2Υ41 | 26Y03 | 17834 | 13 Д 27 | 19543 | 3 ⋎ 34 | 26Y50 | 18819 | 14II17 | 20945 | 4Υ28 | 27 Ƴ 37 | 19805 | 15 II 07 | 219 |
| | 2Υ40 | 25 Y 48 | 17805 | 12 Д 49 | 19518 | 3Υ33 | 26Υ35 | 17849 | 13 II 38 | 20@19 | 4Υ27 | 27 ° 21 | 18834 | 14 II 28 | 219 |
| | 2Υ39 | 25Υ33 | 16834 | 12 11 09 | 18951 | 3Υ32 | 26Υ19 | 17819 | 12II58 | 19552 | 4Υ25 | 27Υ05 26940 | 18803 | 13 11 47 | 209 |
| | 2Υ38 | 25Υ18 | 16804 | 11 II 28 | 18523 | 3Υ30 2₩20 | 26 Y 03 | 16848 | 12II17 | 19524 | 4Υ23 | 26°Y49 | 17831 | 13 11 06 | 209 |
| | 2Υ37 | 25 ℃ 02 | 15832 | 10П46 | 17954 | 3Υ29 | 25Ƴ47 | 16816 | 11П34 | 18955 | 4 Υ 21 | 26Ƴ33 | 16859 | 12 Д23 | 199 |
| | 2 Y 35 | 24 Y 46 | 15800 | 10 Д 02 | 17ഇ23 | 3 ℃ 27 | 25Ƴ31 | 15843 | 10Д50 | 18924 | 4 Ƴ 19 | 26Ƴ16 | 16826 | 11 Д38 | 199 |
| | 2Υ34 | 24Y30 | 14828 | 9п17 | 16951 | 3Υ26 | 25 Υ 14 | 15810 | 10П05 | 17952 | 4 Υ 17 | 25 ℃ 58 | 15852 | 10 Д 52 | 189 |
| | 2Υ33 | 24 Υ 13 | 13854 | 8Д31 | 16917 | 3Υ24 | 24 Υ 57 | 14836 | 9П18 | 17519 | 4Υ15 | 25 ℃ 41 | 15817 | 10 Д 04 | 189 |
| | 2Υ32 | 23Υ56 | 13820 | 7II 43 | 15942 | 3Υ23 | 24Υ39 | 14801 | 8П29 | 16943 | 4Υ13 | 25 ℃ 23 | 14842 | 9П15 | 179 |
| - 1 | 2Υ31 | 23 ℃ 39 | 12844 | 6П53 | 15©04 | 3Υ21 | 24Ƴ21 | 13825 | 7П39 | 16906 | 4 Υ 11 | 25 ℃ 04 | 14806 | 8П24 | 179 |
| | 2Υ29 | 23 ℃ 21 | 12808 | 6Д01 | 14\$25 | 3 ℃ 19 | 24 Y 03 | 12848 | 6 I I46 | 15©26 | 4 ⋎ 09 | 24Ƴ45 | 13828 | 7Д31 | 169 |
| | 2Υ28 | 23 ℃ 02 | 11831 | 5 I I08 | 13ഇ43 | 3 Υ 17 | 23 ℃ 44 | 12810 | 5Д52 | 149644 | 4 ⋎ 07 | 24Ƴ26 | 12850 | 6Д36 | 159 |
| | 2 Y 27 | 22 Ƴ 43 | 10853 | 4II12 | 12©59 | 3 Υ 16 | 23 ℃ 25 | 11831 | 4 I I56 | 14500 | 4 ⋎ 05 | 24℃06 | 12810 | 5 I I40 | 159 |
| | 2Υ25 | 22 Y 24 | 10814 | 3П15 | 12512 | 3Υ14 | 23 Y 05 | 10852 | 3П57 | 13513 | 4Υ02 | 23 Y 45 | 11830 | 4 I I40 | 149 |
| os 2 | 2Υ24 | 22 ⋎ 04 | 9833 | 2П15 | 11922 | 3Υ12 | 22 Ƴ 44 | 10811 | 2П57 | 12©23 | 4 Υ 00 | 23 ℃ 24 | 10848 | 3П39 | 139 |
| os : | 2Y22 | 21 ℃ 44 | 8852 | 1 Д 12 | 10ഇ29 | 3Υ10 | 22 Y 23 | 9828 | 1Д53 | 11529 | 3 Υ 57 | 23 ℃ 02 | 10805 | 2П35 | 129 |
| | 2Υ21 | 21 Y 23 | 8809 | 0П08 | 9932 | 3Υ08 | 22 Y 01 | 8845 | 0П48 | 10ഇ32 | 3Y55 | 22 Y 40 | 9820 | 1 Д 28 | 119 |
| | 2Υ19 | 21 Y 01 | 7825 | 29800 | 8931 | 3Υ05 | 21 Y 39 | 8800 | 29839 | 9931 | 3 Υ 52 | 22 Ƴ 17 | 8835 | 0П18 | 109 |
| | 2Υ17 | 20 Y 38 | 6839 | 27849 | 7ඉ25 | 3Υ03 | 21Υ16 | 7813 | 28828 | 8925 | 3Υ49 | 21 Y 53 | 7847 | 29806 | 99 |
| | 2Υ15 | 20 Υ 15 | 5852 | 26836 | 6 වෙ 15 | 3 ⋎ 01 | 20Y52 | 6825 | 27813 | 7গু14 | 3Ƴ46 | 21 ℃ 28 | 6859 | 27850 | 89 |
| - 1 | 2Υ13 | 19 Y 51 | 5803 | 25819 | 4গু59 | 2Y58 | 20Ƴ27 | 5 8 36 | 25855 | 5957 | 3Ƴ43 | 21 7 03 | 6 8 08 | 26831 | 69 |
| | 2 Υ 13 2 Υ 11 | 19 Y 31 | 4813 | 23859 | 3936 | 2 Υ 56 2 Υ 55 | 20 γ 27 20 γ 01 | 4844 | 24834 | 4934 | 3 Υ 43 3 Υ 39 | 20 \gamma 36 | 5816 | 25808 | 50 |
| : 2 | - , 11 | 19Υ20 19Υ11 | 3844 | 23813 | 2947 | 2Υ54 | 19 ° 46 | 4815 | 23846 | 3944 | 3Υ37 | 20 Y 30 20 Y 21 | 4846 | 24820 | 49 |

| | Sid.Tin MC: | | 24m A 16'50 | 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 | 6 Υ 32 | 8822 | 7Ц46 | 5ഇ30 | 3 ຄ 4 1 | 7 Ƴ 37 | 9823 | 8П43 | 6925 | 4£39 | 8Υ42 | 10824 | 9п39 | 7ഇ20 | 5 ณ 3 8 |
| 1S | 6Υ30 | 8809 | 7П24 | 5909 | 3 № 30 | 7 Ƴ 35 | 9810 | 8П20 | 6905 | 4⋒29 | 8 Υ 40 | 10810 | 9П17 | 7ഇ00 | 5 A 27 |
| 2S | 6Υ29 | 7855 | 7П02 | 49 | 3 № 20 | 7Υ33 | 8856 | 7Д58 | 59644 | 4Ω19 | 8Υ38 | 9857 | 8П54 | 6939 | 5.017 |
| 3S 4S | 6Υ27 | 7842 7829 | 6H40 | 4528 | 3Ω10 2Ω59 | 7 Y 32 7 Y 30 | 8842 | 7H36 | 5 9 23 | 4009 | 8 Y 3 6 8 Y 3 4 | 9843 9829 | 8П32 8П09 | 6519 | 5007 |
| | 6Υ26 | | 6II18 | 4907 | | | 8829 | 7II14 | | 32.58 | | | | 5958 | 4.0.57 |
| 5S 6S | 6Υ24 6Υ23 | 7816 7803 | 5П56 5П34 | 3947 3926 | 2 N 49 2 N 38 | 7 ° 28 7 ° 27 | 8816 8802 | 6Ц51 6Ц29 | 4942 4921 | 3 Ω 48 3 Ω 37 | 8 Y 3 2 8 Y 3 0 | 9815 9802 | 7П47 7П25 | 5937 5916 | 4 \Q 4 \Q 3 |
| 7S | 6Υ21 | 6850 | 5 II 12 | 3920 | 2 N 28 | 7Y25 | 7 8 49 | 6П07 | 4900 | 3 & 27 | 8Υ29 | 8848 | 7H23 | 4955 | 4823 |
| 8S | 6Υ20 | 6837 | 4II50 | 29344 | 2Ω17 | 7Υ23 | 7836 | 5 II 45 | 3939 | 3016 | 8Y27 | 8835 | 6Ц41 | 4934 | 4210 |
| 9S | 6 Ƴ 19 | 6824 | 4 I I28 | 2522 | 2⋒06 | 7 Υ 22 | 7823 | 5 Д 23 | 3⊊18 | 3⋒06 | 8Y25 | 8822 | 6П18 | 4গু13 | 4Ω0: |
| 10S | 6 Ƴ 17 | 6812 | 4 I I06 | 2901 | 1 2 5 5 | 7 Υ 20 | 7810 | 5Д01 | 2ഇ56 | 2255 | 8Y23 | 8809 | 5Ц56 | 3 952 | 3254 |
| 11S | 6Y16 | 5859 | 3П45 | 19540 | 1 Ω 44 | 7 ⋎ 18 | 6857 | 4Ц39 | 2935 | 2⋒44 | 8Y21 | 7855 | 5Д34 | 3530 | 3 € 4 |
| 12S | 6Υ14 | 5847 | 3 Д 23 | 19518 | 1 2 3 3 | 7 Υ 17 | 6844 | 4П17 | 2513 | 2033 | 8Υ19 | 7842 | 5 Д 12 | 3508 | 3 2 3 |
| 13S | 6Υ13 | 5834 | 3Д01 | 0956 | 1 0 1 1 | 7Y15 | 6832 | 3Д55 | 1951 | 2 \O 2 \O | 8Υ17 | 7829 | 4II 50 | 2547 | 3 0 2 |
| 14S | 6 ° 12 | 5821 | 2Д39 | 0ഇ34 | 1011 | 7 Υ 13 | 6819 | 3П33 | 19529 | 2Ω10 | 8Y15 | 7816 | 4II28 | 2925 | 3210 |
| 15S | 6Υ10 | 5809 | 2П17 | 0912 | 0.059 | 7Υ12 | 6806 | 3 II 11 | 1997 | 1059 | 8Υ14 | 7803 | 4H05 | 2502 | 20.59 |
| 16S 17S | 6°409 6°407 | 4856 4844 | 1 II 55 1 II 33 | 29 II 50 29 II 27 | 0Ω47 0Ω36 | 7 Υ 10 7 Υ 09 | 5853 5840 | 2П49 2П27 | 0ණ45 0ණ22 | 1 Ω 47 1 Ω 36 | 8Υ12 8Υ10 | 6850 6837 | 3 II 43 3 II 21 | 19540 19517 | 2 N 47 |
| 17S 18S | 6Υ06 | 4831 | 1Д33 | 29 II 04 | 0 Ω 24 | 7 Y 09 7 Y 07 | 5828 | 2П27 | 29 II 59 | 1 Ω 24 | 8Υ08 | 6824 | 2П58 | 0954 | 282 |
| 19S | 6Υ04 | 4819 | 0П49 | 28 II 41 | 0Ω11 | 7Υ05 | 5815 | 1 Д 42 | 29П36 | 1012 | 8Y06 | 6811 | 2П35 | 0 © 31 | 2012 |
| 20S | 6 Y 03 | 4806 | 0П26 | 28 п 18 | 29959 | 7 ⋎ 04 | 5802 | 1 Д 20 | 29 п 13 | 0ຄ59 | 8Y04 | 5858 | 2п13 | 0ഇ08 | 2000 |
| 21S | 6Υ02 | 3854 | 0п04 | 27 Д 54 | 29946 | 7 ℃ 02 | 4849 | 0Д57 | 28 Д 49 | 0Ω47 | 8Y02 | 5844 | 1П50 | 29 П 44 | 1 \$\alpha 4' |
| 22S | 6 Υ 00 | 3841 | 29841 | 27II 30 | 29933 | 7 ⋎ 00 | 4836 | 0Д34 | 28П25 | 0⋒34 | 8Y00 | 5831 | 1 Д 27 | 29П20 | 1 23 |
| 238 | 5Υ59 | 3829 | 29819 | 27 Д 06 | 29520 | 6Υ58 | 4823 | 0Д11 | 28 II 00 | 0Ω21 | 7°58 | 5818 | 1 п 03 | 28 Д 55 | 1.02 |
| 24S | 5 Υ 57 | 3816 | 28856 | 26П41 | 29507 | 6 Ƴ 57 | 4810 | 29848 | 27П36 | 0008 | 7 Υ 56 | 5805 | 0П40 | 28 II 30 | 1200 |
| 25S | 5Υ56 | 3803 | 28833 | 26П16 | 28953 | 6Υ55 | 3857 | 29825 | 27П11 | 29\$54 | 7Υ54 | 4852 | 0п17 | 28 п 05 | 0Ω5 |
| 26S | 5Υ54 5Υ53 | 2851 2838 | 28 8 09 27 8 46 | 25 II 51 25 II 25 | 28@39 28@25 | 6Υ53 6Υ52 | 3844 | 29 8 01 28 8 37 | 26 II 45 26 II 19 | 29 © 40 29 © 26 | 7 Y 52 7 Y 50 | 4838 4825 | 29 8 53 29 8 29 | 27 II 40 27 II 14 | 0Ω4 0Ω2 |
| 27S 28S | 5Υ53 5Υ51 | 2825 | 27822 | 23 II 23 24 II 59 | 28923 | 6Υ50 | 3831 3818 | 28814 | 25 II 53 | 29520 | 7 Y 30 | 4811 | 29805 | 26 II 47 | 0 Ω 13 |
| 29S | 5Υ50 | 2812 | 26858 | 24 II 32 | 27956 | 6Υ48 | 3805 | 27849 | 25 H 26 | 28957 | 7Υ46 | 3857 | 28840 | 26日20 | 29958 |
| 30S | 5Ƴ48 | 1859 | 26834 | 24П05 | 275641 | 6Υ46 | 2851 | 27825 | 24П59 | 28542 | 7Υ44 | 3844 | 28816 | 25 Д 53 | 29©43 |
| 31S | 5Υ47 | 1845 | 26810 | 23 Д 37 | 27925 | 6Υ44 | 2838 | 27800 | 24 Д 31 | 28526 | 7Υ42 | 3830 | 27851 | 25 II 25 | 29528 |
| 32S | 5Ƴ45 | 1832 | 25845 | 23 耳 09 | 27ഇ09 | 6 Ƴ 42 | 2824 | 26835 | 24II03 | 28510 | 7 Υ 40 | 3816 | 27825 | 24II56 | 29\$12 |
| 338 | 5Υ43 | 1819 | 25820 | 22 Д 40 | 26952 | 6Υ41 | 2810 | 26810 | 23 Д 34 | 27954 | 7Y38 | 3802 | 27800 | 24 II 27 | 28956 |
| 34S | 5Ƴ42 | 1805 | 24855 | 22 П 11 | 26936 | 6 Ƴ 39 | 1856 | 25844 | 23 Д 04 | 27937 | 7 Y 36 | 2847 | 26834 | 23 Д 57 | 28539 |
| 35S | 5 Υ 40 | 0851 | 24829 | 21 Д 41 | 26918 | 6Υ37 | 1842 | 25818 | 22 Д 34 | 279520 | 7Υ33 | 2833 | 26808 | 23 Д27 | 28922 |
| 36S 37S | 5Υ38 5Υ37 | 0838 0824 | 24803 23837 | 21 II 10 20 II 39 | 26©00 25©42 | 6 Y 35 | 1828 1814 | 24852 24825 | 22 II 03 21 II 31 | 27©02 26©44 | 7Υ31 7Υ29 | 2818 2804 | 25 8 41 25 8 14 | 22 II 56 22 II 24 | 28504 275540 |
| 38S | 5Υ35 | | 23810 | | | | | 23858 | | 26925 | 7 Y 27 | | 24846 | | 27992 |
| 39S | 5Υ33 | 29 Y 55 | 22843 | 19П34 | 25903 | 6Υ29 | 0844 | 23831 | 20П26 | 26905 | 7Υ24 | 1834 | 24819 | 21 II 18 | 27907 |
| 40S | 5 Y 31 | 29Ƴ40 | 22815 | 19П00 | 24943 | 6 Ƴ 27 | 0829 | 23803 | 19П52 | 25945 | 7Y22 | 1818 | 23850 | 20П44 | 26947 |
| 41S | 5Υ30 | 29Υ26 | 21847 | 18 Д 25 | 24921 | 6Υ25 | 0814 | 22834 | 19П17 | 25924 | 7Υ20 | 1803 | 23821 | 20П09 | 26926 |
| 42S | 5 Y 28 | 29Ƴ11 | 21819 | 17 I I50 | 24ഇ00 | 6Υ22 | 29 Y 59 | 22805 | 18耳41 | 25©02 | 7Υ17 | 0847 | 22852 | 19П33 | 26905 |
| 43S | 5Υ26 | 28Y55 | 20850 | 17Ц14 | 23537 | 6Υ20 | 29Ƴ43 | 21836 | 18П05 | 24539 | 7Υ14 | 0831 | 22822 | 18Д56 | 25942 |
| 44S | 5℃24 | 28Ƴ40 | 20820 | 16П36 | 23 5 13 | 6 ° 18 | 29Ƴ27 | 21806 | 17П27 | 24516 | 7Υ12 | 0815 | 21852 | 18П18 | 25919 |
| 45S | 5 Y 22 | 28 ℃ 24 | 19850 | 15 I I57 | 22549 | 6Υ16 | 29Υ11 | 20835 | 16 I I48 | 23@51 | 7Υ09 | 29Υ58 | 21821 | 17Д39 | 24954 |
| 46S | 5Υ20 | 28Y08 | 19819 | 15 II 18 | 22523 | 6Υ13 | 28 Y 54 | 20804 | 16II 08 | 23526 | 7Υ07 | 29Υ41 | 20849 | 16 II 58 | 24529 |
| 47S 48S | 5Υ18 5Υ16 | 27 Y 52 27 Y 35 | 18 8 48 | 14 II 37 13 II 55 | 21©56 21©28 | 6Υ11 6Υ08 | 28 \(\cdot 28 \(\cdot 28 \) \(\cdot 21 \) | 19 8 32 18 8 59 | 15П27 14П44 | 22©59 22©31 | 7°04 7°01 | 29 Y 24 29 Y 06 | 20 8 16 19 8 43 | 16 II 16 15 II 33 | 24©02 23©3 |
| 49S | 5Υ13 | 27Υ18 | 17843 | 13 II 13 II 11 | 20959 | 6Υ06 | 28 Y 03 | 18826 | 14 II 44 14 II 00 | 22502 | 6Υ58 | 28 Y 48 | 19843 | 14 II 49 | 2390 |
| 50S | 5Υ11 | 27Υ00 | 17809 | 12 Д 26 | 20@29 | 6Υ03 | 27°Y45 | 17852 | 13 🛘 14 | 21@32 | 6Υ55 | 28Υ30 | 18835 | 14 11 03 | 2293 |
| 51S | 5Υ09 | 26°Y43 | 16835 | 11 II 40 | 19957 | 6Υ01 | 27 Y 27 | 17832 | 12 Д 27 | 20\$59 | 6Υ52 | 28 Υ 11 | 17859 | 13 II 16 | 2290 |
| 52S | 5Υ07 | 26Y25 | 15859 | 10 Д 52 | 19©23 | 5Υ58 | 27Y08 | 16841 | 11 ДЗ9 | 20\$26 | 6Υ49 | 27 Y 52 | 17823 | 12 Д26 | 21952 |
| 53S | 5℃04 | 26Y06 | 15823 | 10 Д 02 | 18947 | 5 Υ 55 | 26Ƴ49 | 16804 | 10Д48 | 19\$50 | 6Υ46 | 27 Y 33 | 16846 | 11 Д35 | 2095 |
| 54S | 5 ⋎ 02 | 25Ƴ47 | 14846 | 9п10 | 18910 | 5 Υ 52 | 26Ƴ30 | 15827 | 9Ц56 | 19513 | 6Υ42 | 27 Y 12 | 16808 | 10П43 | 2091 |
| 55S | 4 Υ 59 | 25Ƴ27 | 14808 | 8п17 | 17ഇ30 | 5Ƴ49 | 26 Υ 10 | 14848 | 9п02 | 18533 | 6Y39 | 26 Y 52 | 15828 | 9П48 | 1993 |
| 56S | 4Υ56 | 25 ℃ 07 | 13829 | 7Д21 | 16548 | 5Υ46 | 25Υ49 | 14809 | 8H06 | 17951 | 6Υ35 | 26Υ31 | 14848 | 8II51 | 1895 |
| 57S 58S | 4Υ54 4Υ51 | 24 Y 47 24 Y 26 | 12849 12808 | 6П23 5П23 | 16 ඉ 04 15 ඉ 16 | 5 ° 43 5 ° 39 | 25 \cdot \cdot 25 \cdot \cdot 06 | 13828 12846 | 7П07 6П07 | 17©06 16©19 | 6Υ32 6Υ28 | 26 Y 09 25 Y 47 | 14807 | 7耳52 6耳50 | 18©1 17©2 |
| 58S 59S | 4 γ 31 4 γ 48 | 24 Y 26 24 Y 04 | 11825 | 3 <u>П</u> 23 4 <u>П</u> 21 | 13916 | 5 Υ 3 9 5 Υ 3 6 | 25°7'06 24°7'44 | 12803 | 5 <u>П</u> 07 | 15528 | 6Υ24 | 25 \ \ 25 \ \ \ 24 | 13824 12840 | 5 П 46 | 1693 |
| 60S | 4Υ45 | 23°Y42 | 10841 | 3 I 16 | 13932 | 5 Υ 32 | 24Y21 | 11818 | 3 II 57 | 14934 | 6Υ20 | 25 γ 00 | 11855 | 4 I I39 | 1593 |
| 61S | 4 Y 43 4 Y 42 | 23 Y 19 | 9856 | 2П08 | 12534 | 5Υ29 | 24 Y 21 23 Y 57 | 10832 | 2П49 | 13936 | 6Υ16 | 24 Y 36 | 11808 | 3П29 | 1493 |
| | 4Υ38 | 22Υ55 | 9810 | 0II58 | 11932 | 5Υ25 | 23 Y 37 | 9845 | 1 Д 37 | 12534 | 6Υ11 | 24 Y 11 | 10820 | 2 п 17 | 1393 |
| 62S | | 22Y30 | 8822 | 29844 | 10ഇ25 | 5 Y 21 | 23℃07 | 8856 | 0П22 | 11527 | 6Υ06 | 23 Y 45 | 9830 | 11101 | 1292 |
| 63S | 4 Ƴ 35 | | | | | C0016 | 22 Y 41 | 8805 | 29804 | 10ഇ14 | 6Υ02 | 23 Y 18 | 8839 | 29842 | 11991 |
| 63S | 4Υ35 4Υ31 | 22 Y 05 | 7832 | 28827 | 9913 | 5Υ16 | 22 41 | 0003 | 27004 | 1001. | 0 1 02 | 20 10 | 0037 | | |
| 62S 63S 64S 65S | 4Υ31 4Υ27 | 22 \(\psi 05 \) 21 \(\psi 38 \) | 7832 6841 | 27807 | 9©13 7©56 | 5 Ƴ 12 | 22 Ƴ 14 | 7 8 13 | 27843 | 8956 | 5 Y 57 | 22 Y 50 | 7 8 46 | 28819 | 9957 |
| 63S 64S | 4 Υ 31 | 22℃05 | | | | | | | | | | | | | 9957 8937 7940 |

SWISS EPHEMERIS Table of Houses (Method Regiomontanus)

| 0S 9 9 4 7 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ne: 22h3 7)(1 | 22h36n 7∺17'4 | | RMC: 3 | 39°00' | Sid.Tin MC: | ne: 22h₄ 8 ∺ 2 | | RMC: 3 | 40°00' | Sid.Tir MC: | ne: 22h4 9 X 2 | | RMC: 3 | 41°00' |
|--|----------------------------------|------------------|-------------|-------------------------------|------------------|--------------------|--------------------------|----------------------------------|----------------------|-----------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------|
| 18 9 9 4 5 11 1 | 12 | 2 A | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 28 9 9 4 3 10 3 8 9 4 1 10 4 8 9 9 3 8 10 6 8 9 9 3 4 10 7 8 9 9 3 2 5 8 8 9 9 3 0 5 9 9 9 2 8 10 8 9 9 2 6 11 8 9 9 2 1 8 12 8 9 9 1 1 8 1 1 8 9 9 1 1 1 1 1 1 1 1 1 | 11825 | B25 10 | П35 | 8গু16 | 6 û 36 | 10 Y 52 | 12826 | 11 Д 32 | 9ഇ11 | 7ຄ35 | 11Ƴ57 | 13827 | 12 Д 28 | 10ഇ06 | 8ຄ34 |
| 38 9 9 4 1 10 4 8 9 9 3 8 10 6 8 9 9 3 4 10 7 8 9 9 3 2 5 8 8 9 9 3 0 5 9 9 9 2 8 10 8 9 9 2 6 11 8 9 9 2 6 1 8 1 8 9 9 1 9 1 8 1 1 7 8 9 9 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 11811 | 811 10 | П13 | 7ഇ55 | 6Ω26 | 10Y50 | 12812 | 11П09 | 8950 | 7⋒25 | 11 ℃ 55 | 13812 | 12П05 | 9946 | 8 Ω 24 |
| 48 9 9 38 10 58 9 9 36 10 68 9 9 34 10 78 9 9 32 10 88 9 9 30 19 98 9 9 28 10 10S 9 9 26 11 18 9 9 24 12 12S 9 9 21 18 13S 9 9 19 18 14S 9 9 17 18 15S 9 11 17 15S 9 17 15S 9 11 17 15S 9 1 | 10857 | | П50 | 7935 | 6£16 | 10℃47 | 11857 | 10П46 | 8930 | 7Ω15 | 11 Υ 52 | 12857 | 11 Д 42 | 9925 | 8 N 15 |
| 58 9 9 36 10 68 9 9 34 10 78 9 9 32 10 88 9 9 30 10 98 9 9 28 10 108 9 9 26 11 118 9 9 24 12 128 9 9 21 18 138 9 9 19 18 148 9 9 17 18 158 9 9 11 17 158 9 9 11 17 158 9 9 11 17 158 9 9 11 17 158 9 9 11 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 9 10 17 158 9 11 17 158 9 17 158 17 | 10843 | | П28 | 79514 | 6£06 | 10Υ45 | 11843 | 10日23 | 8509 | 7.05 | 11Υ49 | 12843 | 11 11 19 | 9905 | 8£05 |
| 68 9 9 34 10 78 9 9 32 88 9 9 30 9 9 9 9 8 9 9 9 8 9 9 9 8 9 9 9 9 8 9 | 10829 | | П05 | 6953 | 5 N 56 | 10℃43 | 11829 | 10П01 | 7949 | 6Ω55 | 11 ℃ 47 | 12828 | 10П56 | 8গু44 | 7.0.55 |
| 78 9 9 32 9 8 8 9 9 30 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 10815 | | П43 | 6932 | 5046 | 10Υ40 | 11814 | 9Д38 | 7928 | 6.045 | 11°744 | 12814 | 10 II 34 | 8923 | 7.045 |
| 88 9 9 30 9 9 8 9 9 28 9 9 28 9 9 28 9 9 24 8 118 9 9 24 8 128 9 9 21 8 138 9 9 19 8 148 9 9 17 8 158 9 9 13 178 9 9 11 188 9 9 0 9 13 178 9 9 11 188 9 9 0 9 13 178 9 9 11 188 9 9 0 9 13 178 9 9 11 188 9 9 0 9 13 178 9 9 10 13 178 9 9 11 188 9 9 0 9 13 188 9 9 0 9 13 188 9 9 0 9 13 188 9 9 0 9 13 18 18 18 18 18 18 18 18 18 18 18 18 18 | 10801 9848 | | П20 П58 | 6912 5951 | 5Ω36 5Ω26 | 10 Y 38 10 Y 35 | 11800 10846 | 9П16 8П53 | 7ഇ07 6ഇ46 | 6Ω35 6Ω25 | 11 ° 41 11 ° 39 | 11 8 59 11 8 45 | 10П11 9П49 | 8©03 7©42 | 7 N 35 |
| 98 9 9 28 9 9 28 9 9 108 9 9 7 26 118 9 9 7 21 8 128 9 9 7 17 8 128 9 9 7 17 8 128 9 9 7 17 8 128 9 9 7 17 188 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 9 9 7 10 128 128 9 7 10 128 128 128 128 128 128 128 128 128 128 | 9834 | | П36 | 5930 | 5Ω15 | 10 Y 33 | 10833 | 8Д31 | 6925 | 6Ω15 | 11Υ36 | 11831 | 9п26 | 7942 7921 | 7.015 |
| 11S 9 9 2 4 8 12S 9 9 2 1 8 13S 9 9 19 8 14S 9 9 17 8 16S 9 9 13 17S 9 9 11 17S 9 9 10 17S 9 1 1 17S 9 1 1 17S 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 9820 | | П14 | 5গু08 | 5⋒05 | 10 Y 31 | 10819 | 8П09 | 6904 | 6⋒04 | 11Υ34 | 11817 | 9п03 | 6959 | 7Ω04 |
| 12S 9 9 21 8 13S 9 9 19 8 14S 9 9 17 8 16S 9 9 13 17S 9 9 11 17S 9 9 11 18S 9 9 0 9 19S 9 1 9 19S 9 1 9 19S 9 1 9 19S 9 1 9 1 | 9807 | 3 07 6 | П51 | 4গু47 | 4Ω54 | 10Y28 | 10805 | 7П46 | 5ഇ42 | 5Ω54 | 11Ƴ31 | 11803 | 8Д41 | 6ഇ38 | 6£54 |
| 138 9 19 8 148 9 19 18 188 9 19 19 188 9 19 198 9 19 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 9 190 198 199 199 | 8853 | | П29 | 4গু25 | 4 <i>Ω</i> 43 | 10 Y 26 | 9851 | 7П24 | 5ഇ21 | 5Ω43 | 11Ƴ28 | 10849 | 8П18 | 6917 | 6Ω44 |
| 14S 9917 8 15S 9915 8 16S 9913 1 17S 9911 1 18S 9909 1 19S 9907 2 20S 9904 6 21S 9902 6 22S 9900 6 23S 8758 6 24S 8756 5 25S 874 5 26S 8751 5 27S 8749 5 28S 8747 5 28S 8747 5 29S 8744 4 30S 8742 4 31S 8740 3 32S 8737 3 33S 8733 3 34S 8733 3 35S 8728 3 37S 8722 2 40S 8717 4 <td< td=""><td>8840</td><td></td><td>П07</td><td>4904</td><td>4£33</td><td>10℃24</td><td>9838</td><td>7П01</td><td>4959</td><td>5Ω33</td><td>11℃26</td><td>10835</td><td>7Д56</td><td>5955</td><td>6£33</td></td<> | 8840 | | П07 | 4904 | 4£33 | 10℃24 | 9838 | 7П01 | 4959 | 5Ω33 | 11℃26 | 10835 | 7Д56 | 5955 | 6£33 |
| 15S 9 15 8 9 15 16S 9 17S 9 17 | 8827 | | П44 | 35642 | 4 \O 22 | 10Υ21 | 9824 | 6П39 | 4937 | 5 Ω 22 | 11Υ23 | 10821 | 7 I I33 | 5933 | 6Ω22 |
| 168 9 9 13 178 9 11 188 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 9 9 09 198 198 198 198 198 198 198 198 198 19 | 8813 | | П22 | 3520 | 4Ω10 | 10 ℃ 19 | 9810 | 6П16 | 4915 | 5Ω11 | 11 7 21 | 10807 | 7п10 | 5911 | 6Ω11 |
| 178 9 \(9 \) 11 | 8800 | | П59 | 2558 | 3 0 48 | 10 Y 17 | 8857 8843 | 5 Π 53 | 3953 | 5000 | 11Y18 | 9853 | 6Π47 | 4949 4926 | 6Ω00 5Ω40 |
| 188 9 9 0 9 198 9 9 0 7 198 9 9 0 7 198 9 9 0 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 7847 7833 | | П37 П14 | 2 9 35 2 9 12 | 3 N 48 3 N 36 | 10Υ14 10Υ12 | 8843 8829 | 5Д31 5Д08 | 3©31 3©08 | 4Ω48 4Ω37 | 11 Y 16 11 Y 13 | 9839 9826 | 6П24 6П02 | 4 ඉ 26 4 ඉ 03 | 5Ω49 5Ω38 |
| 19S 9 9 0 7 2 2 2 2 9 9 0 0 6 2 2 2 9 9 0 0 6 2 2 2 9 9 0 0 6 2 2 2 9 9 0 0 6 2 2 2 9 9 0 0 6 2 2 2 9 9 0 0 6 2 2 2 2 9 9 0 0 6 2 2 2 2 9 9 0 0 6 2 2 2 2 9 9 0 0 6 2 2 2 2 2 9 9 0 0 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 7820 | | П51 | 19549 | 3 N 25 | 10 Y 12 | 8 8 16 | 4 II 45 | 2945 | 4 <i>8</i> 25 | 11 Y 13 | 9812 | 5 II 38 | 3940 | 5 Ω 26 |
| 208 9 9 9 0 4 6 2 2 2 2 8 9 9 9 0 6 6 2 2 2 8 9 9 9 0 6 6 2 2 2 8 9 9 9 0 6 6 2 2 2 8 9 9 9 0 6 6 2 2 8 9 9 9 0 6 6 2 2 8 9 9 9 0 6 6 2 2 8 9 9 9 0 6 6 2 2 8 9 9 9 0 6 6 2 2 8 9 9 9 1 2 2 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 7 8 06 | | П29 | 1526 | 3 N 13 | 10 Y 07 | 8802 | 4Π22 | 2522 | 4Ω14 | 11 Y 08 | 8858 | 5 II 15 | 3©17 | 5Ω15 |
| 21S 9 9 02 22S 9 9 00 623S 8 9 58 8 58 8 58 8 75 4 22S 8 9 7 4 28 8 7 5 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 6853 | H53 3 | П06 | 1993 | 3 බ 00 | 10Y05 | 7 8 48 | 3П59 | 1958 | 4Ω02 | 11 Y 05 | 8844 | 4 π 52 | 2953 | 5ຄ03 |
| 23S 8 \(\chi_{5} \) 9 \(\chi_{5} \) 8 \(\chi_{5} \) 9 | 6840 | 840 2 | П43 | 0939 | 2ብ48 | 10Υ02 | 7835 | 3 Д 35 | 1934 | 3 8 49 | 11Υ03 | 8830 | 4II 28 | 2529 | 4251 |
| 24S 8 \$\gamma 56\$ 25S 8 \$\gamma 56\$ 25S 8 \$\gamma 56\$ 25S 8 \$\gamma 51\$ 26S 8 \$\gamma 51\$ 25S 8 \$\gamma 49\$ 28S 8 \$\gamma 49\$ 28S 8 \$\gamma 44\$ 24S 28S 8 \$\gamma 44\$ 24S 28S 8 \$\gamma 44\$ 24S 28S 24S 24S 28S 24S 23S 24S | 6826 | | П19 | 0ഇ15 | 2£36 | 10 Y 00 | 7821 | 3П12 | 19510 | 3⋒37 | 11 ℃00 | 8816 | 4 I I05 | 2905 | 4£38 |
| 25S 8 \(\chi 54 \) 25S 8 \(\chi 54 \) 25S 8 \(\chi 44 \) 28S 8 \(\chi 44 \) 29S 8 \(\chi 44 \) 30S 8 \(\chi 44 \) 30S 8 \(\chi 44 \) 31S 8 \(\chi 43 \) 33S 8 \(\chi 33 \) 34S 8 \(\chi 33 \) 34S 8 \(\chi 33 \) 34S 8 \(\chi 33 \) 35S 8 \(\chi 33 \) 36S 8 \(\chi 25 \) 38S 8 \(\chi 25 \) 38S 8 \(\chi 25 \) 38S 8 \(\chi 25 \) 39S 8 \(\chi 26 \) 40S 8 \(\chi 11 \) 37S 8 \(\chi 26 \) 40S 8 \(\chi 11 \) 38S 8 \(\chi 90 \) 44S 8 \(\chi 90 \) 50S 7 \(\chi 44 \) 25 50S 7 \(\chi 44 \) 25 52S 7 \(\chi 40 \) 25 55S 7 \(\chi 26 \) 57S 7 \(\chi 27 \) 58S 7 \(\chi 26 \) 57S 7 \(\chi 27 \) 58S 7 \(\chi 26 \) 59S 7 \(\chi 11 \) 26 60S 7 \(\chi 90 \) 25 60S 7 \(\ch | 6813 | | | 29 Д 50 | 2 \O 2 3 | 9Υ58 | 7807 | 2 II 48 | 0945 | 3 \O 24 | 10°757 | 8802 | 3 II 41 | 19540 | 4026 |
| 26S 8 \(\gamma \) 5 27S 8 \(\gamma \) 4 28S 8 \(\gamma \) 4 29S 8 \(\gamma \) 4 30S 8 \(\gamma \) 4 31S 8 \(\gamma \) 4 32S 8 \(\gamma \) 3 33S 8 \(\gamma \) 3 34S 8 \(\gamma \) 3 36S 8 \(\gamma \) 2 38S 8 \(\gamma \) 2 39S 8 \(\gamma \) 2 40S 8 \(\gamma \) 1 41S 8 \(\gamma \) 1 42S 8 \(\gamma \) 1 44S 8 \(\gamma \) 0 45S 8 \(\gamma \) 0 46S 8 \(\gamma \) 0 46S 8 \(| 5859 | | | 29П25 | 2Ω10 | 9Υ55 | 6853 | 2 Д 25 | 0ഇ20 | 3 & 11 | 10 ℃ 55 | 7847 | 3п17 | 19315 | 4Ω13 |
| 278 8 | 5845 | | | 29П00 | 1056 | 9Υ53 | 6839 | 2Д01 | 29 II 55 | 2258 | 10°752 | 7833 | 2Д53 | 0950 | 4000 |
| 28S 8 \(\pma 47 \) 29S 8 \(\pma 44 \) 4 30S 8 \(\pma 44 \) 4 31S 8 \(\pma 40 \) 4 32S 8 \(\pma 37 \) 4 33S 8 \(\pma 33 \) 3 34S 8 \(\pma 33 \) 3 35S 8 \(\pma 33 \) 3 36S 8 \(\pma 28 \) 3 36S 8 \(\pma 28 \) 3 37S 8 \(\pma 25 \) 3 38S 8 \(\pma 22 \) 3 39S 8 \(\pma 22 \) 2 40S 8 \(\pma 11 \) 4 41S 8 \(\pma 12 \) 4 41S 8 \(\pma 14 \) 4 42S 8 \(\pma 12 \) 1 44S 8 \(\pma 90 \) 1 45S 8 \(\pma 90 \) 1 46S 8 \(\pma 90 \) 1 47S 7 \(\pma 57 \) 1 50S 7 \(\pma 42 \) 25 50S 7 \(\pma 42 \) 25 50S 7 \(\pma 42 \) 25 53S 7 \(\pma 42 \) 25 53S 7 \(\pma 42 \) 25 53S 7 \(\pma 42 \) 25 55S 7 \(\pma 29 \) 27 55S 7 \(\pma 20 \) 25 55S 7 \(\pma 20 \) 25 55S 7 \(\pma 20 \) 25 56S 7 \(\pma 20 \) 25 57S 7 \(\pma 12 \) 26 60S 7 \(\pma 90 \) 25 61S 7 \(\pma 90 \) 25 61S 7 \(\pma 90 \) 25 61S 7 \(\pma 90 \) 25 62S 6 \(\pma 57 \) 24 | 5832 5818 | | | 28 II 34 28 II 08 | 1 ຄ 43 1 ຄ 29 | 9Υ50 9Υ48 | 6825 6811 | 1Д36 1Д12 | 29П29 29П03 | 2Ω45 2Ω31 | 10 ° 49 10 ° 46 | 7819 7805 | 2П28 2П03 | 0©24 29∏58 | 3 Ω 47 3 Ω 33 |
| 298 8 | 5 8 04 | | | 27 II 42 | 1 Ω 15 | 9Υ45 | 5857 | 0 Д 47 | 28 Д 36 | $2\Omega 17$ | 10 Y 40 | 6850 | 1 Д 38 | 29 II 31 | 3 2 19 |
| 31S 8 \(\pmu 40 \) 28 8 \(\pm 37 \) 33S 8 \(\pm 25 \) 33S 8 \(\pm 25 \) 38S 8 \(\pm 25 \) 24 39S 8 \(\pm 20 \) 24 40S 8 \(\pm 11 \) 8 \(\pm 11 \) 8 \(\pm 11 \) 13 8 \(\pm 10 \) 14 8 8 \(\pm 10 \) 14 8 8 \(\pm 90 \) 14 42S 8 \(\pm 10 \) 14 8 8 \(\pm 90 \) 14 44S 8 \(\pm 90 \) 14 44S 8 \(\pm 90 \) 15 8 \(\pm 90 \) 15 8 8 \(\pm 90 \) 15 8 8 \(\pm 90 \) 15 1S 7 \(\pm 50 \) 15 7 \(\pm 50 \) 15 7 \(\pm 40 \) 25 50S 7 \(\pm 40 \) 25 57S 7 \(\pm 20 \) 25 57S 7 \(\pm 21 \) 26 58S 7 \(\pm 12 \) 26 60S 7 \(\pm 90 \) 26 60S 6 \(\pm 57 \) 26 60S 6 60 60S 60 60S 60S 60S 60S 60S 60 | 4850 | | | 27П15 | 1 2 00 | 9Υ43 | 5843 | 0П22 | 28П09 | 2002 | 10℃41 | 6836 | 1П13 | 29П04 | 3 2 0 5 |
| 31S 8 \(\pmu 40 \) 32S 8 \(\pm 37 \) 33S 8 \(\pm 37 \) 33S 8 \(\pm 33 \) 34S 8 \(\pm 33 \) 35S 8 \(\pm 30 \) 36S 8 \(\pm 28 \) 37S 8 \(\pm 25 \) 38S 8 \(\pm 25 \) 39S 8 \(\pm 20 \) 40S 8 \(\pm 11 \) 41S 8 \(\pm 12 \) 41S 8 \(\pm 12 \) 41S 8 \(\pm 12 \) 43S 8 \(\pm 00 \) 44S 8 \(\pm 00 \) 45S 8 \(\pm 00 \) 46S 8 \(\pm 00 \) 50S 7 \(\pm 47 \) 25S 7 \(\pm 50 \) 50S 7 \(\pm 44 \) 52S 7 \(\pm 40 \) 53S 7 \(\pm 40 \) 53S 7 \(\pm 20 \) 54S 7 \(\pm 20 \) 55S 7 \(\pm 20 \) 56S 7 \(\pm 20 \) 57S 7 \(\pm 11 \) 58S 7 \(\pm 12 \) 60S 7 \(\pm 07 \) 61S 7 \(\pm 02 \) 62S 66S 57 \(\pm 22 \) 60S 7 \(\pm 07 \) 61S 7 \(\pm 02 \) 62S 66Y 57 24 | 4836 | B36 29 | 806 | 26П47 | 0ብ45 | 9Υ40 | 5828 | 29857 | 27П41 | 1Ω47 | 10Ƴ38 | 6821 | 0Д48 | 28 Д 36 | 2250 |
| 33S 8 \(\pi 3 \) 34S 8 \(\pi 3 \) 34S 8 \(\pi 3 \) 34S 8 \(\pi 3 \) 35S 8 \(\pi 3 \) 36S 8 \(\pi 2 \) 37S 8 \(\pi 2 \) 38S 8 \(\pi 2 \) 239S 8 \(\pi 2 \) 40S 8 \(\pi 1 \) 41S 8 \(\pi 1 \) 41S 8 \(\pi 1 \) 41S 8 \(\pi 1 \) 42S 8 \(\pi 1 \) 44S 8 \(\pi 1 \) 44S 8 \(\pi 0 \) 46S 8 \(\pi 0 \) 47S 7 \(\pi 5 \) 50S 7 \(\pi 4 \) 52S 7 \(\pi 4 \) 53S 7 \(\pi 2 \) 54S 7 \(\pi 4 \) 52S 7 \(\pi 4 \) 53S 7 \(\pi 3 \) 54S 7 \(\pi 2 \) 56S 7 \(\p | 4822 | | | 26П19 | 0£30 | 9Υ38 | 5814 | 29831 | 27II13 | 1 & 32 | 10Ƴ35 | 6806 | 0 Д 22 | 28П08 | 2235 |
| 34S 8 \(\pi 3 \) 3 35S 8 \(\pi 3 \) 3 36S 8 \(\pi 2 \) 3 36S 8 \(\pi 2 \) 3 37S 8 \(\pi 2 \) 3 38S 8 \(\pi 2 \) 2 39S 8 \(\pi 2 \) 2 40S 8 \(\pi 1 \) 2 40S 8 \(\pi 1 \) 4 41S 8 \(\pi 1 \) 4 42S 8 \(\pi 1 \) 4 43S 8 \(\pi 0 \) 6 44S 8 \(\pi 0 \) 6 45S 8 \(\pi 0 \) 6 45S 8 \(\pi 0 \) 6 45S 8 \(\pi 0 \) 6 46S 8 \(\pi 0 \) 6 47S 7 \(\pi 5 \) 7 48S 7 \(\pi 5 \) 6 50S 7 \(\pi 4 \) 2 51S 7 \(\pi 4 \) 2 52S 7 \(\pi 4 \) 2 53S 7 \(\pi 3 \) 2 54S 7 \(\pi 3 \) 3 55S 7 \(\pi 2 \) 5 55S 7 \(\pi 2 \) 5 57S 7 \(\pi 1 \) 2 58S 7 \(\pi 1 \) 2 58S 7 \(\pi 1 \) 2 59S 7 \(\pi 1 \) 2 60S 7 \(\pi 0 \) 2 52S 6 57S 7 \(\pi 2 \) 3 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 2 52S 6 60S 7 \(\pi 0 \) 3 60 | 4808 | | | 25 Д 50 | 0Ω14 | 9Υ35 | 4859 | 29806 | 26 I I44 | 1ω17 | 10 ℃ 32 | 5851 | 29856 | 27 Д 39 | 2019 |
| 35S 8 \(\pi 30 \) 3 36S 8 \(\pi 28 \) 3 37S 8 \(\pi 28 \) 3 37S 8 \(\pi 28 \) 3 38S 8 \(\pi 22 \) 2 39S 8 \(\pi 20 \) 2 40S 8 \(\pi 17 \) 2 41S 8 \(\pi 18 \) 3 40S 8 \(\pi 12 \) 1 42S 8 \(\pi 12 \) 1 43S 8 \(\pi 09 \) 1 44S 8 \(\pi 06 \) 1 45S 8 \(\pi 09 \) 1 44S 8 \(\pi 06 \) 1 45S 8 \(\pi 09 \) 1 46S 8 \(\pi 00 \) 0 47S 7 \(\pi 57 \) 0 48S 7 \(\pi 54 \) 25 50S 7 \(\pi 44 \) 28 52S 7 \(\pi 40 \) 28 53S 7 \(\pi 40 \) 28 53S 7 \(\pi 40 \) 28 53S 7 \(\pi 30 \) 25 55S 7 \(\pi 29 \) 25 57S 7 \(\pi 21 \) 26 58S 7 \(\pi 12 \) 26 60S 7 \(\pi 07 \) 25 | 3853 | | | 25 II 21 24 II 51 | 29©58 29©41 | 9Υ32 | 4845 | 28839 | 26 II 15 | 1000 | 10Υ29 | 5836 | 29829 29802 | 27 II 09 | 2003 |
| 36S 8 \(\pi 28 \) 37S 8 \(\pi 25 \) 38S 8 \(\pi 25 \) 40S 8 \(\pi 14 \) 41S 8 \(\pi 14 \) 42S 8 \(\pi 12 \) 43S 8 \(\pi 09 \) 44S 8 \(\pi 06 \) 45S 8 \(\pi 06 \) 46S 8 \(\pi 06 \) 47S 7 \(\pi 57 \) 48S 7 \(\pi 54 \) 49S 7 \(\pi 50 \) 50S 7 \(\pi 47 \) 25S 7 \(\pi 44 \) 25S 7 \(\pi 44 \) 25S 7 \(\pi 44 \) 25S 7 \(\pi 46 \) 33S 7 \(\pi 36 \) 54S 7 \(\pi 26 \) 54S 7 \(\pi 26 \) 55S 7 \(\pi 26 \) 56S 7 \(\pi 25 \) 57S 7 \(\pi 21 \) 58S 7 \(\pi 16 \) 59S 7 \(\pi 12 \) 60S 7 \(\pi 07 \) 61S 7 \(\pi 02 \) 62S 6 \(\pi 57 \) 24 62S 6 \(\pi 57 \) 24 62S 6 \(\pi 57 \) 24 | 3839 | | - | | | 9Υ30 | 4830 | 28813 | 25 II 45 | 0Ω44 | 10 ℃ 26 | 5821 | | 26 11 39 | 1 0 47 |
| 37S 8 \(\pm 25 \) 238S 8 \(\pm 22 \) 239S 8 \(\pm 20 \) 240S 8 \(\pm 14 \) 41S 8 \(\pm 14 \) 42S 8 \(\pm 12 \) 43S 8 \(\pm 90 \) 44S 7 \(\pm 57 \) 7 \(\pm 57 \) 48S 7 \(\pm 57 \) 48S 7 \(\pm 50 \) 25S 7 \(\pm 44 \) 28 52S 7 \(\pm 44 \) 28 52S 7 \(\pm 40 \) 28 53S 7 \(\pm 30 \) 25 55S 7 \(\pm 29 \) 25 56S 7 \(\pm 25 \) 25 57S 7 \(\pm 12 \) 26 60S 7 \(\pm 90 \) 26 60S 7 \(\pm 90 \) 26 60S 6 \(\pm 57 \) 26 62S 6 \(\pm 57 \) 26 | 3824 | | - | 24 II 21 23 II 49 | 29©24 29©07 | 9Υ27 9Υ24 | 4815 3859 | 27846 | 25 II 14 | 0Ω27 0Ω09 | 10 ° 23 10 ° 20 | 5805 | 28835 28808 | 26 II 08 | 1Ω30 1Ω13 |
| 38S 8 \(\pm22 \) 239S 8 \(\pm20 \) 239S 8 \(\pm20 \) 240S 8 \(\pm10 \) 141S 8 \(\pm10 \) 141S 8 \(\pm10 \) 141S 8 \(\pm10 \) 142S 8 \(\pm10 \) 143S 8 \(\pm00 \) 144S 8 \(\pm00 \) 144S 8 \(\pm00 \) 145S 7 \(\pm50 \) 15S 7 \(\pm20 \) 15S 7 \(\pm10 \) 15S 7 \(\pm20 \) 15S 7 \(\pm20 \) 15S 7 \(\pm10 \) 15S 7 \(\pm10 \) 15S 7 \(\pm10 | 3809 2854 | | _ | 23 II 49 23 II 17 | 28948 | 9Υ21 | 3844 | 27819 26851 | 24 II 43 24 II 11 | 29951 | 10 Y 20 10 Y 17 | 4850 4834 | 27840 | 25 II 37 25 II 04 | 0Ω55 |
| 40S 8 \(\psi \) 17 2 4 18 8 \(\psi \) 14 1 1 4 2 1 4 2 1 8 \(\psi \) 14 8 \(\psi \) 14 8 8 \(\psi \) 16 8 7 \(\psi \) 18 7 \(\psi \) 19 8 7 \(\psi \) 19 8 7 \(\psi \) 19 8 7 \(\psi \) 10 2 6 6 8 7 \(\psi \) 10 2 6 6 8 6 \(\psi \) 57 7 2 6 6 8 6 \(\psi \) 57 7 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 \(\psi \) 57 7 2 2 6 6 8 6 7 5 7 2 2 6 6 8 6 7 5 7 2 6 6 8 7 5 7 2 6 6 8 6 7 5 7 2 6 6 8 7 5 7 2 6 6 8 6 7 5 7 2 6 6 8 7 5 7 2 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 | | B38 25 | | | | 9Υ18 | | 26823 | | 29533 | | | 27811 | | 0ຄ36 |
| 41S 8 \(\psi \) 14 42S 8 \(\psi \) 12 43S 8 \(\psi \) 99 144S 8 \(\psi \) 90 145 9 14 | 2823 | B23 25 | 806 | 22 Д 11 | 28910 | 9Υ15 | 3812 | 25854 | 23 耳 04 | 29ഇ13 | 10Ƴ11 | 4802 | 26842 | 23 II 57 | 0Ω17 |
| 42S 8 \(\psi \) 12 | 2807 | B07 24 | 838 | 21 Д 37 | 27ഇ50 | 9Υ12 | 2856 | 25825 | 22П29 | 28953 | 10Ƴ08 | 3845 | 26813 | 23 П 22 | 29957 |
| 43S 8 9 0 1 44S 8 9 0 6 1 45S 8 9 0 6 1 45S 8 9 0 7 0 6 47S 7 9 5 7 0 6 48S 7 9 5 1 2 49S 7 9 5 1 2 50S 7 9 4 4 2 52S 7 9 4 0 2 53S 7 9 3 2 54S 7 9 3 2 55S 7 9 2 2 56S 7 9 2 2 | 1851 | | | 21Д01 | 27929 | 9Y09 | 2840 | 24856 | 21 Д 54 | 28933 | 10℃04 | 3828 | 25843 | 22 II 46 | 29937 |
| 44S 8 \(\psi \) 06 14S 8 \(\psi \) 03 04S 8 \(\psi \) 04 04S 7 \(\psi \) 50S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 50S 7 \(\psi \) 49S 51S 7 \(\psi \) 49 25S 7 \(\psi \) 49S 7 \(\psi \) 55S 7 \(\psi \) 29S 7 \(\psi \) 56S 7 \(\psi \) 25SS 7 \(\psi \) 25SS 7 \(\psi \) 12 26SS 7 \(\psi \) 12 26SS 7 \(\psi \) 12 26SS 6 \(\psi \) 57S 24SS 24SS 24SSS 24SSS 24SSSS 24SSSSSSSSSS | 1835 | | | 20П25 | 27508 | 9Υ06 | 2823 | 24825 | 21 11 17 | 28511 | 10°°01 | 3811 | 25812 | 22 II 09 | 29515 |
| 45S 8 \(\psi \) 03 (0 \\ 46S 8 \(\psi \) 00 (0 \\ 47S 7 \(\psi \) 50 (2 \\ 48S 7 \(\psi \) 50 (2 \\ 48S 7 \(\psi \) 50 (2 \\ 50S 7 \(\psi \) 4 (2 \\ 51S 7 \(\psi \) 4 (2 \\ 51S 7 \(\psi \) 4 (2 \\ 53S 7 \(\psi \) 3 (2 \\ 54S 7 \(\psi \) 3 (2 \\ 55S 7 \(\psi \) 2 (2 \\ 57S 7 \(\psi \) 1 (2 \\ 58S 7 \(\psi \) 1 (2 \\ 59S 7 \(\psi \) 1 (2 \\ 60S 7 \(\psi \) 0 (2 \\ 61S 7 \(\psi \) 0 (2 \\ 61S 7 \(\psi \) 0 (2 \\ 62S 6 \(\psi \) 5 7 (2 \\ 62S 6 \(\psi \) 6 7 (2 \\ 62S 6 \(\psi \) 6 7 (2 \\ 62S 6 \(\psi \) 6 7 (2 \\ 62S 6 \(\psi \) 6 7 (2 \\ 62S 6 \(\psi \) 6 7 (2 \\ 62S 6 | 1819 1802 | | | 19П48 19П09 | 26945 26922 | 9°03 9°00 | 2806 1849 | 23 8 5 5 23 8 2 3 | 20П39 20П01 | 275949 27526 | 9 Υ 57 9 Υ 54 | 2854 2837 | 24841 24809 | 21 II 31 20 II 52 | 28@53 28@30 |
| 46S 8 \(\psi \) 00 (47S 7 \(\psi \) 57 7 57 (48S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 50S 7 \(\psi \) 49S 7 \(\psi \) 51S 7 \(\psi \) 40 28 53S 7 \(\psi \) 30 25 54S 7 \(\psi \) 30 25 55S 7 \(\psi \) 25 56S 7 \(\psi \) 25 57S 7 \(\psi \) 21 26 58S 7 \(\psi \) 12 26 60S 7 \(\psi \) 7 \(\psi \) 26 60S 7 \(\psi \) 56S 7 \(\psi \) 26 60S 7 \(\psi \) 56S 7 \(\psi \) 26 60S 7 \(\psi \) 56S 7 \(\psi \) 26 60S 7 \(\psi \) 56S 7 \(\psi \) 56S 7 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 7 12 26 \(\psi \) 57S 7 7 7 12 26 \(\psi \) 57S 7 7 7 12 26 | | | | | | | | | | | 9Υ50 | | | | |
| 478 7 \(\text{7.57} \) (488 7 \(\text{7.54} \) 28 7 \(\text{7.50} \) 29 508 7 \(\text{7.50} \) 28 518 7 \(\text{7.50} \) 28 518 7 \(\text{7.50} \) 28 528 7 \(\text{7.50} \) 30 25 548 7 \(\text{7.50} \) 30 25 558 7 \(\text{7.50} \) 30 25 568 7 \(\text{7.50} \) 30 25 578 7 \(\text{7.50} \) 30 25 588 7 \(\text{7.50} \) 30 3 7 \(\text{7.50} \) 30 3 25 608 7 \(7.50 | 0845 0828 | | - | 18П29 17П49 | 25@58 25@32 | 8Υ57 8Υ53 | 1832 1814 | 22 8 51 22 8 19 | 19П21 18П39 | 27©01 26©36 | 9 ° γ ′ 50 ′ 9 ° 47 | 2819 2801 | 23 8 37 23 8 04 | 20 II 12 19 II 30 | 28©06 27©41 |
| 48S 7 \(\text{7} \text{54} \) 29S 7 \(\text{75} \) 29S 7 \(\text{75} \) 29S 7 \(\text{747} \) 29S 7 \(\text{747} \) 28S 7 \(\text{740} \) 28S 7 \(\text{743} \) 27S 7 \(\text{742} \) 28S 7 \(\text{742} \) 28S 7 \(\text{742} \) 26S 60S 6 \(\text{752} \) 26S 60S 7 \(\text{742} \) 26S 60S 6 \(\text{752} \ | 0810 | | | 17Д97 | 25@06 | 8Y50 | 0856 | 21845 | 17II 57 | 26©10 | 9Υ43 | 1842 | 22830 | 18 I I48 | 275514 |
| 508 7 7 4 7 2 5 5 18 7 7 4 4 2 8 5 2 5 2 5 7 7 4 0 2 8 5 3 8 7 7 3 6 2 8 5 4 8 7 7 2 5 5 6 8 7 7 2 5 2 5 7 8 7 7 1 2 2 6 6 6 8 7 7 7 0 2 2 6 6 18 7 7 7 0 2 2 6 6 6 7 5 7 2 2 6 6 6 7 5 7 2 2 6 6 6 7 5 7 2 2 6 6 6 7 5 7 2 2 6 6 6 7 5 7 2 2 6 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 6 7 5 7 2 2 6 7 7 7 4 2 5 6 7 7 7 2 2 5 6 7 7 7 2 2 5 6 7 7 7 2 2 5 6 7 7 7 2 2 5 6 7 7 7 2 2 5 6 7 7 7 2 2 5 6 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 2 2 5 6 7 7 7 7 7 7 2 7 7 7 7 7 7 7 7 7 7 7 7 | 29⋎52 | Υ52 20 | 827 | 16П23 | 24538 | 8 Y 46 | 0838 | 21811 | 17 I I3 | 25942 | 9Υ39 | 1823 | 21856 | 18 I I03 | 26947 |
| 51S 7 \(\psi \) 44 28 52S 7 \(\psi \) 40 28 53S 7 \(\psi \) 30 25 54S 7 \(\psi \) 30 25 55S 7 \(\psi \) 25 56S 7 \(\psi \) 25 57S 7 \(\psi \) 12 26 58S 7 \(\psi \) 12 26 60S 7 \(\psi \) 03 61S 7 \(\psi \) 22 62S 6 \(\psi \) 575 22 | 29Ƴ34 | Υ34 19 | 8 53 | 15 Д 38 | 24909 | 8 Y 43 | 0819 | 20837 | 16П28 | 25@13 | 9Ƴ35 | 1804 | 21820 | 17 I 18 | 26518 |
| 52S 7 \(\psi \) 40 28 53S 7 \(\psi \) 30 28 54S 7 \(\psi \) 33 27 55S 7 \(\psi \) 25 56S 7 \(\psi \) 25 57S 7 \(\psi \) 12 26 58S 7 \(\psi \) 12 26 60S 7 \(\psi \) 07 61S 7 \(\psi \) 22 62S 6 \(\psi \) 57 24 | 29Ƴ15 | | | 14П52 | 23ള39 | 8 Y 39 | 29Y59 | 20801 | 15П41 | 24943 | 9Υ31 | 0844 | 20844 | 16П30 | 25\$48 |
| 53S 7 m 36 28 54S 7 m 33 27 55S 7 m 29 27 56S 7 m 25 27 57S 7 m 21 26 58S 7 m 16 26 59S 7 m 12 26 60S 7 m 07 25 61S 7 m 02 25 62S 6 m 57 24 | 28Y56 | | - | 14 Д 04 | 23507 | 8Υ35 | 29Υ40 | 19824 | 14 II 52 | 24911 | 9 Υ 27 | 0824 | 20807 | 15 II 41 | 25916 |
| 54S 7 4 3 2 2 5 5 5 5 5 5 5 5 7 4 2 9 2 5 5 6 5 7 4 2 1 2 6 5 5 7 4 1 2 2 6 6 6 5 7 4 0 2 2 5 6 2 5 6 6 6 5 7 2 2 6 6 6 6 5 7 2 2 6 6 6 6 5 7 2 2 6 6 6 6 6 5 7 2 2 6 6 6 6 6 5 7 2 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 28 Y 36 28 Y 16 | | | 13 П 14 12 П 23 | 22©33 21©57 | 8Υ31 8Υ27 | 29Υ20 28Υ59 | 18847 18808 | 14П02 13П10 | 23©37 23©02 | 9 ° 22 9 ° 18 | 0803 29 Ƴ 42 | 19829 18850 | 14 II 50 13 II 58 | 24942 24907 |
| 558 7 7 29 27 568 7 7 25 27 578 7 7 21 26 588 7 7 12 26 608 7 7 0 2 25 628 6 7 5 7 2 2 | 28 Y 16 27 Y 55 | | | 11 Д 29 | 21957 | 8 Y 27 8 Y 23 | 28 Y 39 | 17829 | 12 Д 16 | 23902 | 9Υ18 9Υ13 | 29 Y 42 29 Y 21 | 18810 | 13 II 38 13 II 03 | 23930 |
| 56S 7 \cdot 25 27 57S 7 \cdot 21 26 58S 7 \cdot 12 26 59S 7 \cdot 12 26 60S 7 \cdot 02 25 62S 6 \cdot 5 57 2 2 | 27Υ34 | | 808 | 10 Д 34 | 20940 | 8Υ19 | 28Υ16 | 16849 | 11 Д20 | 219345 | 9Υ08 | 28 Y 58 | 17829 | 12 Д 06 | 22950 |
| 578 7 \(\pm 21 \) 26 588 7 \(\pm 16 \) 26 598 7 \(\pm 12 \) 26 608 7 \(\pm 07 \) 25 618 7 \(\pm 02 \) 25 628 6 \(\pm 57 \) 24 | 27Υ12 | | 827 | 9Д36 | 19958 | 8Υ14 | 27Υ54 | 16807 | 10 II 21 | 219943 | 9Υ04 | 28 Y 36 | 16846 | 11 II 07 | 22508 |
| 59S 7 Υ 12 26 60S 7 Υ 07 25 61S 7 Υ 02 25 62S 6 Υ 57 24 | 26Y50 | | 845 | 8Д36 | 19©13 | 8Υ10 | 27Υ31 | 15824 | 9п21 | 20ഇ18 | 8Υ59 | 28 Υ 12 | 16803 | 10 Д 05 | 21 5 23 |
| 60S 7 7 0 7 25 61S 7 7 0 2 2 5 62S 6 7 5 7 2 4 | 26℃27 | | 802 | 7Д34 | 18©26 | 8Υ05 | 27Υ08 | 14840 | 8п17 | 19530 | 8Υ53 | 27Ƴ48 | 15818 | 9п01 | 20935 |
| 61S 7 γ 02 25 62S 6 γ 57 24 | 26Ƴ04 | | 817 | 6П29 | 17935 | 8Y00 | 26Ƴ44 | 13855 | 7П11 | 18539 | 8 Ƴ 48 | 27℃23 | 14832 | 7 I I55 | 19544 |
| 62S 6 9 5 7 24 | 25 ⋎ 39 | | 831 | 5П21 | 16940 | 7Y55 | 26Y19 | 13808 | 6П03 | 17945 | 8 Υ 42 | 26 ℃ 58 | 13845 | 6II45 | 18950 |
| | 25Υ14 | | 844 | 4Π10 | 15942 | 7Υ49 | 25Υ53 | 12820 | 4Π51 | 16546 | 8Υ36 | 26 Y 32 | 12856 | 5 II 32 | 17951 |
| | 24 Υ 49 24 Υ 22 | | 855 804 | 2Д56 1Д39 | 14©39 13©31 | 7°44 7°38 | 25Υ26 24Υ59 | 11830 10838 | 3Д36 2Д18 | 15©43 14©35 | 8 Ƴ 30 8 Ƴ 24 | 26 \cdot 04 25 \cdot 36 | 12 8 05 11 8 13 | 4П16 2П57 | 16548 15539 |
| | 24 T 22 23 Y 54 | | 812 | 0Д19 | 12931 | 7 Y 38 | 24 Y 39 | 9845 | 0Д57 | 13921 | 8Υ17 | 25 Y 07 | 10818 | 1 Д 34 | 14925 |
| | 23 Y 26 | | | 28855 | 10959 | 7Υ26 | 24Υ01 | 8850 | 29831 | 12501 | 8Υ10 | 24 Y 37 | 9823 | 0П08 | 13905 |
| | 22 Y 56 | | | 27827 | 9932 | 7Υ19 | 23 \gamma 31 | 7 8 53 | 28802 | 10934 | 8Υ03 | 24 Y 06 | 8 82 5 | 28837 | 11937 |
| | 22Υ39 | | | 26836 | 8940 | 7Υ15 | 23 Y 13 | 7821 | 27810 | 9942 | 7Υ59 | 23 Y 48 | 7851 | 27844 | 10944 |

| | Sid.Tir MC: | | 48m A 29'56 | RMC: 3 | 42°00' | Sid.Tir MC: | | 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 |
| 0S | 13 Y 02 | 14827 | 13 Д 24 | 11502 | 9ຄ33 | 14 Ƴ 07 | 15827 | 14П19 | 11557 | 10ຄ32 | 15 Υ 12 | 16827 | 15П15 | 12553 | 11£32 |
| 1S | 12 Υ 59 | 14812 | 13П01 | 10541 | 9ຄ24 | 14℃04 | 15812 | 13 Д 56 | 11537 | 10Ω23 | 15 ℃ 08 | 16812 | 14П52 | 12532 | 11 Ω 23 |
| 2S | 12Υ56 | 13857 | 12 Д 38 | 10521 | 9214 | 14Υ01 | 14857 | 13 II 33 | 115516 | 10Ω14 | 15Υ05 | 15856 | 14 11 29 | 12512 | 11.013 |
| 3S 4S | 12Υ53 12Υ51 | 13842 13828 | 12 II 15 11 II 52 | 10©00 9©40 | 9 N 04 8 N 55 | 13 \cdot 58 13 \cdot 54 | 14842 14827 | 13 II 10 12 II 47 | 10©56 10©35 | 10Ω04 9Ω54 | 15Υ02 14Υ58 | 15 8 41 15 8 26 | 14 II 06 13 II 43 | 11@52 11@31 | 11Ω04 10Ω54 |
| 5S | 12 γ 48 | 13813 | 11 Д 29 | 9519 | 8£45 | 13 Y 51 | 14812 | 12 II 25 | 10@15 | 90.45 | 14Υ55 | 15811 | 13 11 20 | 11510 | 10Ω45 |
| 6S | 12 Y 48 | 12858 | 11 Д 29 | 8958 | 8£43 | 13 Y 31 | 13857 | 12 II 23 12 II 02 | 9954 | 98243 | 14 Y 53 | 14856 | 13 Д 20 | 10550 | 10 2243 |
| 7S | 12°Y42 | 12844 | 10 Д 44 | 8937 | 8 N 25 | 13 Y 45 | 13842 | 11 Д 39 | 9933 | 9 8 2 5 | 14°Y48 | 14841 | 12 Д 34 | 10529 | 10 Ω 25 |
| 8S | 12 Y 39 | 12829 | 10Д21 | 8916 | 8 Ω 15 | 13 Ƴ 42 | 13828 | 11Д16 | 9912 | 9Ω15 | 14 Y 45 | 14826 | 12П11 | 10ഇ08 | 10Ω16 |
| 9S | 12 Y 36 | 12815 | 9Ц58 | 7955 | 8£05 | 13 ℃ 39 | 13813 | 10П53 | 8951 | 9⋒05 | 14 Ƴ 42 | 14811 | 11 I I48 | 9947 | 102006 |
| 10S | 12Ƴ34 | 12801 | 9П36 | 7ഇ34 | 7Ω54 | 13 Y 36 | 12859 | 10耳30 | 8ഇ30 | 8£55 | 14Ƴ39 | 13856 | 11Д25 | 9മ26 | 9Ω56 |
| 118 | 12Υ31 | 11847 | 9П13 | 7512 | 7.044 | 13 Υ 33 | 12844 | 10 Д 07 | 8508 | 8 N 45 | 14Υ35 | 13841 | 11 11 02 | 9504 | 9246 |
| 12S 13S | 12Υ28 12Υ25 | 11832 11818 | 8Ц50 8Ц27 | 6951 6929 | 7Ω34 7Ω23 | 13 Y 30 13 Y 27 | 12830 12815 | 9П45 9П22 | 79346 7935 | 8 N 34 8 N 24 | 14 Y 32 14 Y 29 | 13827 13812 | 10 I I39 | 8 9 42 8 9 21 | 9Ω35 9Ω25 |
| | 12 Y 23 | 11804 | 8II 04 | 6907 | 7 N 12 | 13 Υ 27 13 Υ 24 | 12801 | 8 II 58 | 7903 | 8 N 13 | 14Υ26 | 12857 | 9П53 | 7958 | 9Ω15 |
| 15S | 12 Y 20 | 10850 | 7П41 | 5944 | 7ຄ01 | 13 ℃ 21 | 11846 | 8П35 | 6940 | 8£03 | 14Y22 | 12843 | 9П29 | 7ഇ36 | 9ຄ04 |
| 16S | 12 Y 20 | 10836 | 7Д18 | 5922 | 6£50 | 13 γ 21 13 γ 18 | 11832 | 8 II 12 | 6918 | 7.052 | 14Υ19 | 12828 | 9П06 | 7 © 30 | 8£53 |
| 17S | 12 Y 14 | 10822 | 6П55 | 4959 | 6£39 | 13 ℃ 15 | 11817 | 7П49 | 5955 | 7Ω41 | 14 Y 16 | 12813 | 8П42 | 6951 | 8ณ42 |
| 18S | 12Υ11 | 10807 | 6Д32 | 4936 | 6£28 | 13Υ12 | 11803 | 7П25 | 5932 | 7.0.19 | 14Υ13 | 11859 | 8П19 | 6528 | 8.031 |
| | 12Υ08 | 9853 | 6Ц08 | 49513 | 6Ω16 | 13 ℃ 09 | 10849 | 7П02 | 5908 | 7.018 | 14Υ09 | 11844 | 7Ц55 | 6904 | 8 N 20 |
| 20S 21S | 12Υ06 12Υ03 | 9839 9825 | 5П45 5П21 | 3549 3525 | 6Ω04 5Ω52 | 13 \(\psi 06 \) 13 \(\psi 03 \) | 10834 10820 | 6Ц38 6Ц14 | 49945 49921 | 7Ω06 6Ω54 | 14 Y 06 14 Y 03 | 11829 11814 | 7Д31 7Д07 | 5 9 41 | 8 N 08 7 N 56 |
| 21S 22S | 12 Y 03 12 Y 00 | 9810 | 3 <u>п</u> 21 4 <u>п</u> 57 | 3923 | 5 Ω 40 | 13 Υ 03 13 Υ 00 | 10820 | 5 II 50 | 3956 | 6Ω42 | 14 Y 03 | 10859 | 6П43 | 4952 | 7.82.36 |
| | 11 Y 57 | 8856 | 4II33 | 2536 | 5 N 28 | 12 Y 56 | 9850 | 5П26 | 3532 | 6£30 | 13 Y 56 | 10834 | 6П18 | 49527 | 7£43 |
| 24S | 11 Y 54 | 8842 | 4п09 | 2911 | 5 Ω 15 | 12 ⋎ 53 | 9836 | 5Д01 | 3©06 | 6Ω17 | 13 Y 53 | 10829 | 5П54 | 4গু02 | 7£20 |
| 25S | 11 Y 51 | 8827 | 3П45 | 19345 | 5 a 02 | 12 Y 50 | 9821 | 4П37 | 2941 | 6Ω04 | 13 ° 49 | 10814 | 5П29 | 3936 | 7 Ω 07 |
| 26S | 11 Y 48 | 8812 | 3П20 | 15619 | 4Ω49 | 12℃47 | 9806 | 4II12 | 2515 | 5 N 5 1 | 13 Y 46 | 9859 | 5Д03 | 3510 | 6Ω54 |
| 27S | 11Υ45 11Υ42 | 7858 7843 | 2Д55 | 0953 | 4Ω35 4Ω21 | 12°°44 | 8851 | 3 Д 46 | 19548 | 5 Ω 38 | 13 Y 42 | 9844 9829 | 4H38 | 2544 | 6Ω41 |
| 28S 29S | 11 \gamma 42 | 7828 | 2П30 2П04 | 0©26 29П59 | 48121 4Ω07 | 12 \gamma 40 12 \gamma 37 | 8836 8821 | 3П21 2П55 | 1©21 0©54 | 5Ω24 5Ω10 | 13 \gamma 39 13 \gamma 35 | 9813 | 4П12 3П46 | 2 © 17 | 6Ω27 6Ω13 |
| 30S | 11Υ36 | 7813 | 1Д38 | 29 Д 31 | 3.053 | 12 Y 34 | 8805 | 2П29 | 0926 | 4Ω56 | 13 γ 32 | 8857 | 3п20 | 1921 | 5259 |
| 31S | 11 Y 33 | 6858 | 1 п 12 | 29П02 | 3 N 38 | 12 Y 34 12 Y 30 | 7 8 50 | 2 п 03 | 29 II 57 | 4 <i>0</i> 230 | 13 Y 32 | 8842 | 2 Д 54 | 0953 | 5 Ω 44 |
| 32S | 11 Y 30 | 6843 | 0П46 | 28耳33 | 3 № 22 | 12Ƴ27 | 7834 | 1Д36 | 29П28 | 4 Ω 26 | 13 ℃ 24 | 8826 | 2П27 | 0ഇ23 | 5Ω29 |
| 33S | 11Υ26 | 6827 | 0П19 | 28 Д 04 | 3207 | 12Υ24 | 7819 | 1 п 09 | 28 Д 58 | 4Ω10 | 13Υ21 | 8810 | 1 Д 59 | 29 Д 53 | 5Ω14 |
| | 11Υ23 | 6812 | 29852 | 27П33 | 2250 | 12 ℃ 20 | 7803 | 0П42 | 28П28 | 3 € 54 | 13 ℃ 17 | 7853 | 1 Д 32 | 29П23 | 4£058 |
| 35S | 11Υ20 | 5856 | 29825 | 27 II 02 | 2034 | 12°Y16 | 6846 | 0П14 | 27II 57 | 3 0 3 7 | 13Υ13 | 7837 | 1 II 03 | 28 Д 51 | 4.024 |
| 36S 37S | 11Υ17 11Υ13 | 5840 5824 | 28 8 57 28 8 28 | 26 II 31 25 II 58 | 2Ω16 1Ω58 | 12 Y 13 12 Y 09 | 6830 6814 | 29 8 46 29 8 17 | 27 II 25 26 II 52 | 3Ω20 3Ω02 | 13Υ09 13Υ05 | 7820 7804 | 0П35 0П06 | 28 II 19 27 II 46 | 4Ω24 4Ω07 |
| | 11Υ10 | | 27859 | | | 12 Υ 05 12 Υ 05 | | 28848 | | | 13 γ 03 | | 29836 | | 3 \Omega 49 |
| 39S | 11 Y 06 | 4851 | 27830 | 24II50 | 1 21 | 12 Y 02 | 5840 | 28818 | 25П44 | 2 N 25 | 12 Y 57 | 6829 | 29806 | 26П38 | 3 № 30 |
| 40S | 11Υ03 | 4834 | 27800 | 24П15 | 1 201 | 11 Y 58 | 5823 | 27848 | 25П09 | 2206 | 12 Y 53 | 6812 | 28836 | 26П02 | 3.011 |
| 41S | 10 Υ 59 | 4817 | 26830 | 23 Д 39 | 0ብ41 | 11 ℃ 54 | 5805 | 27817 | 24П32 | 1 € 45 | 12 ° 49 | 5854 | 28805 | 25 II 26 | 2 2 5 0 |
| 42S | 10Υ55 | 4800 | 25859 | 23 II 02 | 0Ω19 | 11 Υ 50 | 4848 | 26846 | 23 Д 55 | 1 0 24 | 12 744 | 5836 | 27833 | 24 11 48 | 2 \(\O 2 \) |
| | 10Υ52 10Υ48 | 3842 3824 | 25 8 28 24 8 55 | 22 II 24 21 II 44 | 29©57 29©34 | 11 Y 46 11 Y 42 | 4830 4811 | 26 8 14 25 8 41 | 23 II 16 22 II 36 | 1Ω02 0Ω39 | 12 Y 40 12 Y 36 | 5817 4859 | 27801 26828 | 24 II 09 23 II 29 | 2Ω08 1Ω45 |
| 45S | 10 γ 44 10 γ 44 | 3806 | 24823 | 21 Д 04 | 29510 | 11 Y 37 | 3853 | 25808 | 21 Д 56 | 0Ω16 | 12 γ 30 | 4840 | 25854 | 22 II 48 | 1 21 |
| | 10 Y 44 10 Y 40 | 2847 | 23849 | 20 II 22 | 28945 | 11 Y 37 | 3834 | 24834 | 21 II 36 21 II 13 | 29551 | 12 Y 31 12 Y 26 | 4820 | 25819 | 22 II 48 22 II 05 | 0Ω57 |
| 47S | 10Υ36 | 2828 | 23815 | 19Д38 | 28519 | 11Ƴ29 | 3814 | 23859 | 20П30 | 29\$25 | 12Υ21 | 4800 | 24844 | 21 Д21 | 0⋒31 |
| 48S | 10Υ31 | 2809 | 22840 | 18 II 54 | 27952 | 11Υ24 | 2854 | 23824 | 19П44 | 28557 | 12 17 | 3840 | 24808 | 20 Д 36 | 0 Ω 04 |
| | 10Υ27 | 1849 | 22804 | 18П08 | 27923 | 11Υ19 | 2834 | 22848 | 18Д58 | 28529 | 12Υ11 | 3819 | 23831 | 19 Д 48 | 29@35 |
| 50S | 10Υ23 | 1829 | 21827 | 17 II 20 | 26953 | 11Υ14 | 2814 | 22810 | 18日09 | 27959 | 12Υ06 | 2858 | 22854 | 19 11 00 | 29505 |
| 51S 52S | 10Υ18 10Υ13 | 1808 0847 | 20850 20811 | 16 II 30 15 II 39 | 26 © 21 25 © 48 | 11 Y 10 11 Y 04 | 1852 1831 | 21 832 20 853 | 17 П 19 16 П 27 | 27©27 26©54 | 12°701 11°755 | 2837 2815 | 22 8 15 21 8 35 | 18П09 17П17 | 28©34 28©01 |
| 53S | 10 Y 13 | 0826 | 19831 | 14 Д 45 | 25 5 13 | 10°759 | 1809 | 20813 | 15 Д 34 | 26519 | 11 γ 50 | 1852 | 20854 | 16П22 | 27526 |
| 54S | 10℃03 | 0803 | 18851 | 13 Д 50 | 24935 | 10Ƴ54 | 0846 | 19832 | 14Д38 | 25ॼ42 | 11Ƴ44 | 1829 | 20813 | 15 Д 25 | 26948 |
| 55S | 9 ⋎ 58 | 29Ƴ41 | 18809 | 12 Д 53 | 23@56 | 10Ƴ48 | 0823 | 18849 | 13 Д 39 | 25©02 | 11 Y 38 | 1805 | 19830 | 14П26 | 26©09 |
| 56S | 9Υ53 | 29 Υ 17 | 17826 | 11 Д 53 | 23514 | 10 ° 42 | 29Υ59 | 18806 | 12 Д 39 | 24520 | 11Υ32 | 0841 | 18845 | 13 Д 25 | 25©27 |
| 57S | 9Ƴ48 9Ƴ42 | 28 Y 53 | 16842 | 10 Д 50 | 22529 | 10 Y 36 | 29 \gamma 34 29 \gamma 09 | 17821 | 11 II 36 | 23535 | 11 Y 25 | 0815 | 18800 | 12 II II II | 24 9 42 23 9 55 |
| 58S 59S | 9°7'42 9°7'36 | 28 Y 29 28 Y 03 | 15 8 56 15 8 10 | 9П46 8П38 | 21©41 20©50 | 10 \gamma 30 10 \gamma 24 | 29°7'09 28°7'43 | 16 8 35 15 8 47 | 10Д30 9Д21 | 22548 21556 | 11 Y 19 11 Y 12 | 29 Y 50 29 Y 23 | 17 8 13 16 8 24 | 11 II 15 10 II 05 | 23903 |
| 60S | 9Υ30 | 27 Y 37 | 14821 | 7п27 | 19955 | 10 Y 24 | 28 Y 16 | 14858 | 8п10 | 21930 | 11 7 12 | 28 Y 56 | 15835 | 8Д53 | 22909 |
| 61S | 9Υ30 9Υ23 | 27 Y 10 | 13831 | 6П14 | 18956 | 10 Y 17 | 27Υ49 | 14807 | 6Д55 | 20503 | 10 Y 57 | 28 Y 27 | 14843 | 7Д37 | 22909 |
| 62S | 9Υ17 | 26Ƴ42 | 12840 | 4Д57 | 17953 | 10 Y 03 | 27Υ20 | 13815 | 5Д37 | 18559 | 10 Y 49 | 27 Y 58 | 13850 | 6П18 | 20©06 |
| 63S | 9Υ10 | 26Υ13 | 11847 | 3Д36 | 16944 | 9Υ56 | 26Υ51 | 12821 | 4II 15 | 17550 | 10Υ41 | 27Υ28 | 12855 | 4II55 | 18957 |
| 64S | 9 Υ 03 | 25Ƴ44 | 10852 | 2П12 | 15©30 | 9Ƴ48 | 26℃20 | 11825 | 2П50 | 16535 | 10 Y 33 | 26 ℃ 57 | 11858 | 3П28 | 175541 |
| 65S | 8Y55 | 25 Υ 13 | 9855 | 0П44 | 14509 | 9Υ40 | 25 ℃ 48 | 10827 | 1 Д 20 | 15514 | 10°24 | 26Y24 | 10859 | 1 Д 57 | 16920 |
| 66S | 8Ƴ47 8Ƴ42 | 24 ° 41 24 ° 22 | 8856 8822 | 29 8 12 28 8 18 | 12 9 40 | 9 Ƴ 31 9 Ƴ 26 | 25 ° 16 24 ° 57 | 9 82 7 8 8 53 | 29847 28852 | 13545 12551 | 10 Y 15 10 Y 10 | 25 \gamma 51 \\ 25 \gamma 31 | 9858 9823 | 0Д22 29 8 27 | 14©50 13©56 |
| pc | 0144 | 44122 | 0022 | 20018 | 11 294/ | 2120 | 2413/ | 0000 | 20032 | 125031 | 10 1 10 | 23 1 31 | 9023 | 29021 | 000ءد۱ |

| | 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: | ne: 23h(| 08m A 52'33 | RMC: 3 | 347°00' |
|------------|--------------------|----------------------------------|----------------------------------|--------------------------------|-------------------|---------------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------|------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| os | 16 Y 16 | 17827 | 16 I 11 | 13548 | 12£32 | 17 Ƴ 21 | 18827 | 17 I 106 | 145644 | 13 2 32 | 18 Y 25 | 19827 | 18П02 | 15©40 | 14£32 |
| 1S | 16 Y 13 | 17812 | 15Ⅲ48 | 13528 | 12£22 | 17 Y 17 | 18811 | 16耳43 | 14924 | 13 22 | 18 Y 21 | 19810 | 17П39 | 15ഇ20 | 14⋒23 |
| 2S | 16Υ09 | 16856 | 15 II 24 | 13508 | 12.013 | 17°13 | 17855 | 16 II 20 | 14504 | 13 \O 13 | 18 Y 17 | 18854 | 17II 15 | 14559 | 14 0 14 |
| 3S 4S | 16Υ06 16Υ02 | 16 8 40 16 8 25 | 15 II 01 14 II 38 | 12947 12927 | 12Ω04 11Ω55 | 17 ⋎ 09 17 ⋎ 06 | 17839 17824 | 15 II 57 15 II 33 | 13©43 13©23 | 13 Ω 04 12 Ω 55 | 18Υ13 18Υ09 | 18 8 38 | 16 II 52 16 II 29 | 14©39 14©19 | 14Ω05 13Ω56 |
| 5S | 15 Y 58 | 16809 | 14 I I15 | 12906 | 11.0.45 | 17Υ02 | 17808 | 15 I I10 | 13902 | 12Ω46 | 18Υ05 | 18806 | 16 11 05 | | 13 Ω 46 |
| 6S | 15 Y 58 | 15854 | 13 II 52 | 119546 | 112243 | 16 Y 58 | 16852 | 14 II 47 | 13902 | 128246 | 18 Y 03 | 17851 | 15 II 42 | 13©58 13©38 | 13 Ω 37 |
| 7S | 15 Y 51 | 15839 | 13 Д 29 | 11525 | 11 Ω 26 | 16°754 | 16837 | 14II24 | 12@21 | 12027 | 17Y57 | 17835 | 15 II 19 | 13517 | 13 28 |
| 8S | 15 Y 48 | 15824 | 13П06 | 11904 | 11Ω16 | 16 Y 51 | 16822 | 14 I 101 | 12500 | 12Ω17 | 17 Y 53 | 17819 | 14 I I56 | 12©56 | 13 Q 18 |
| 9S | 15 Ƴ 44 | 15809 | 12П43 | 10©43 | 11 Q 07 | 16Ƴ47 | 16806 | 13 Д 38 | 11539 | 12Ω08 | 17 Ƴ 49 | 17804 | 14П32 | 12535 | 13 20 09 |
| 10S | 15Ƴ41 | 14854 | 12П20 | 10ഇ22 | 10£57 | 16Ƴ43 | 15851 | 13 II 14 | 119518 | 11⋒58 | 17 Ƴ 46 | 16848 | 14耳09 | 12©14 | 12£59 |
| 118 | 15Υ38 | 14839 | 11 Д 57 | 10500 | 10 0 47 | 16°Y40 | 15836 | 12 Д 51 | 10@56 | 11.048 | 17Υ42 | 16833 | 13 11 45 | 11953 | 12.0.40 |
| 12S 13S | 15Υ34 15Υ31 | 14824 14809 | 11 II 33 11 II 10 | 9 s 39 | 10Ω37 10Ω26 | 16 Y 36 16 Y 32 | 15 8 21 15 8 05 | 12 II 28 12 II 04 | 10 © 35 | 11 \alpha 38 | 17Ƴ38 17Ƴ34 | 16 8 17 | 13 II 22 12 II 58 | 11©31 11©09 | 12Ω40 12Ω30 |
| 14S | 15 Y 27 | 13854 | 10 Д 47 | 8 9 55 | 10Ω16 | 16Υ29 | 14850 | 11 Д41 | 9951 | 11Ω18 | 17Y30 | 15847 | 12 Д 35 | 10947 | 12020 |
| 15S | 15 Y 24 | 13839 | 10П23 | 8932 | 10Ω06 | 16 Υ 25 | 14835 | 11 Д 17 | 9529 | 11Ω07 | 17 Y 26 | 15831 | 12П11 | 10ഇ25 | 12210 |
| 16S | 15Υ20 | 13824 | 101100 | 8510 | 9255 | 16Y21 | 14820 | 10П53 | 9506 | 10Ω57 | 17Y22 | 15816 | 11 Д 47 | 10502 | 11259 |
| 17S | 15 Y 17 | 13809 | 9П36 | 7947 | 9Ω44 | 16 Ƴ 17 | 14805 | 10П30 | 8গু43 | 10 ຄ 46 | 17 Y 18 | 15800 | 11 Д23 | 9940 | 11 € 49 |
| 188 | 15Υ13 | 12854 | 9П12 | 7524 | 9£33 | 16Υ14 | 13849 | 10 11 06 | 8520 | 10.035 | 17Υ14 | 14845 | 10 II 59 | 9517 | 11.Ω38 |
| 198 | 15Υ10 | 12839 | 81148 | 7900 | 9,022 | 16Υ10 | 13834 | 9 I I42 | 7957 | 10Ω24 | 17Υ10 | 14829 | 101135 | 8953 | 11 Ω 27 |
| 20S 21S | 15Υ06 15Υ03 | 12824 12809 | 8 II 24 8 II 00 | 6 ඉ 37 6 ඉ 13 | 9 N 11 8 N 59 | 16 \(\psi 06 \) 16 \(\psi 02 \) | 13 8 19 | 9П17 8П53 | 7933 7909 | 10Ω13 10Ω02 | 17\cdot\06 17\cdot\02 | 14 8 14 13 8 58 | 10 II 10 9 II 46 | 8 ඉ 29 8 ඉ 05 | 11Ω16 11Ω05 |
| 21S 22S | 13 Y 03 14 Y 59 | 11854 | 7П35 | 5948 | 8 N 47 | 15 Y 59 | 12848 | 8П28 | 6944 | 9250 | 16 Y 58 | 13842 | 9Д46 | 7 9 41 | 10 Ω 53 |
| 23S | 14Y55 | 11839 | 7Д11 | 5923 | 8£35 | 15 Y 55 | 12833 | 8п03 | 6919 | 9ຄ38 | 16 Y 54 | 13827 | 8П56 | 7s16 | 10Ω41 |
| 24S | 14 Y 52 | 11823 | 6 I I46 | 4958 | 8£23 | 15℃51 | 12817 | 7 I I38 | 5954 | 9ຄ26 | 16 Y 50 | 13811 | 8 I I30 | 6950 | 10⋒29 |
| 25S | 14 Y 48 | 11808 | 6П21 | 4932 | 8 a 10 | 15Ƴ47 | 12802 | 7 I 13 | 5ഇ28 | 9Ω14 | 16Ƴ46 | 12855 | 8 I I05 | 6925 | 10Ω17 |
| 26S | 14Υ44 | 10853 | 5II55 | 4906 | 7.0.57 | 15Υ43 | 11846 | 6П47 | 5902 | 9Ω01 | 16Υ42 | 12839 | 7П39 | 5959 | 10Ω05 |
| 27S 28S | 14Υ41 14Υ37 | 10837 10821 | 5 II 30 5 II 04 | 3940 3913 | 7Ω44 7Ω31 | 15 Y 39 15 Y 35 | 11830 11814 | 6П21 5П55 | 4936 4908 | 8 N 48 | 16Υ37 16Υ33 | 12823 12807 | 7П13 6П47 | 5932 5905 | 9 N 52 9 N 39 |
| 29S | 14 Y 37 | 10821 | 4H38 | 2945 | 7 N 17 | 15 Y 31 | 10858 | 5Π29 | 3941 | 8 N 21 | 16 Y 29 | 11850 | 6П20 | 4937 | 9825 |
| 30S | 14Υ29 | 9850 | 4 I 11 | 2917 | 7£03 | 15 ° 27 | 10842 | 5 II 02 | 3912 | 8ภ07 | 16Υ25 | 11834 | 5II53 | 4908 | 9Ω11 |
| 31S | 14Υ25 | 9834 | 3П44 | 19548 | 6Ω48 | 15Υ23 | 10825 | 4 I I35 | 29644 | 7.053 | 16 Y 20 | 11817 | 5H26 | 3939 | 8£11 |
| 32S | 14 Y 21 | 9817 | 3П17 | 19519 | 6 Ω 33 | 15 Ƴ 19 | 10809 | 4 I 107 | 2914 | 7ຄ38 | 16 Y 16 | 11800 | 4 I I58 | 3910 | 8 Ω 43 |
| 33S | 14Υ18 | 9801 | 2П49 | 0948 | 6Ω18 | 15Υ14 | 9852 | 3 Д 39 | 19544 | 7Ω23 | 16 711 | 10843 | 4H30 | 2539 | 8 A 28 |
| 348 | 14Υ13 | 8844 | 2П21 | 0ഇ18 | 6£02 | 15 ℃ 10 | 9835 | 3П11 | 19813 | 7Ω07 | 16Υ07 | 10826 | 4 I 101 | 2508 | 8 N 12 |
| 35S 36S | 14Υ09 14Υ05 | 8828 8811 | 1П53 1П24 | 29 II 46 29 II 14 | 5Ω46 5Ω29 | 15 ℃ 06 15 ℃ 01 | 9818 9801 | 2П42 2П13 | 0න41 0න09 | 6Ω51 6Ω34 | 16 Y 02 15 Y 57 | 10809 9851 | 3 II 32 3 II 03 | 1୭37 1୭04 | 7 N 56 7 N 40 |
| 37S | 14 Y 03 | 7853 | 0II55 | 28 II 41 | 5Ω12 | 14 Y 57 | 8843 | 1 Д 44 | 29 II 36 | 6Ω17 | 15 Y 57 | 9833 | 2П33 | 0931 | 7 N 23 |
| 38S | 13 Y 57 | 7836 | | 28II 07 | 4Ω54 | | 8826 | | 29П01 | | 15 Y 48 | 9815 | 2П02 | | 7⋒05 |
| 39S | 13 Y 52 | 7818 | 29854 | 27II32 | 4£35 | 14Ƴ48 | 8808 | 0П43 | 28П26 | 5⋒41 | 15 ℃ 43 | 8857 | 1 I I31 | 29П21 | 6Ω47 |
| 40S | 13 Y 48 | 7800 | 29824 | 26II56 | 4Ω16 | 14Ƴ43 | 7849 | 0П11 | 27II50 | 5 A 22 | 15 Ƴ 38 | 8838 | 0П59 | 28П45 | 6⋒28 |
| 418 | 13Υ43 | 6842 | 28852 | 26П19 | 3256 | 14Υ38 | 7831 | 29840 | 27 Д 13 | 5Ω02 | 15Υ33 | 8819 | 0п27 | 28 п 07 | 6Ω08 |
| 42S 43S | 13Υ39 13Υ34 | 6824 6805 | 28 8 20 27 8 47 | 25 II 41 25 II 02 | 3 N 35 | 14 \gamma 33 14 \gamma 28 | 7812 6853 | 29 8 07 28 8 34 | 26 II 35 25 II 55 | 4Ω41 4Ω20 | 15 Y 28 15 Y 22 | 8800 7840 | 29 8 54 29 8 21 | 27 II 29 26 II 49 | 5Ω48 5Ω26 |
| 44S | 13 γ 34 13 γ 29 | 5846 | 27814 | 24 II 22 | 2051 | 14 Y 23 | 6833 | 28800 | 25 II 15 | 3 \$\alpha 57 | 15 Y 22 | 7820 | 28846 | 26 II 08 | 5 Ω 04 |
| 45S | 13 Y 24 | 5826 | 26840 | 23 П 40 | 2 & 2 7 | 14 Y 18 | 6813 | 27826 | 24П33 | 3 2 3 4 | 15Y11 | 7800 | 28811 | 25 П26 | 4Ω41 |
| 46S | 13 Y 19 | 5807 | 26805 | 22 II 57 | 2003 | 14 Y 13 | 5853 | 26850 | 23 II 50 | 3 & 10 | 15°C06 | 6839 | 27836 | 24 II 42 | 4Ω17 |
| 47S | 13Υ14 | 4846 | 25829 | 22 п 13 | 1 2 3 7 | 14℃07 | 5832 | 26814 | 23 Д 05 | 2014 | 15Υ00 | 6818 | 26859 | 23 Д 57 | 3 № 52 |
| 48S | 13Υ09 | 4826 | 24853 | 21 II 27 20 II 39 | 1 \Q 10 | 14 Y 01 | 5811 | 25837 | 22 II 18 | 2017 | 14 Y 54 | 5857 5835 | 26822 | 23 II 10 | 3 \Omega 25 |
| 498 | 13Υ04 | 4805 | 24815 | | 0Ω42 | 13 Y 56 | 4850 | 24859 | 21 11 30 | 1.049 | 14 7 48 | 5835 | 25843 | 22 11 22 | 2.0.57 |
| 50S 51S | 12Υ58 12Υ52 | 3843 3821 | 23837 22858 | 19II 50 18II 59 | 0 ຄ 12 29 ອ 41 | 13 Y 50 13 Y 44 | 4828 4805 | 24820 23841 | 20 II 41 19 II 49 | 1Ω20 0Ω49 | 14 \cdot 42 14 \cdot 35 | 5812 4849 | 25 8 04 24 8 23 | 21 II 32 20 II 40 | 2 N 28 |
| 52S | 12 Y 32 12 Y 46 | 2858 | 22817 | 18II 06 | 299941 | 13 Y 44 13 Y 37 | 3842 | 23800 | 19 <u>Ⅱ</u> 49 18 <u>Ⅱ</u> 55 | 03149 | 14 Y 33 | 4826 | 23842 | 19 II 45 | 1 Ω 24 |
| 53S | 12 Y 40 | 2835 | 21836 | 17 I I1 | 28@33 | 13Ƴ31 | 3818 | 22818 | 18 I I00 | 295641 | 14 Y 22 | 4802 | 22859 | 18П49 | 0Ω49 |
| 54S | 12 Y 34 | 2811 | 20854 | 16 I I13 | 27956 | 13 ℃ 24 | 2854 | 21835 | 17 I I02 | 29504 | 14 Y 15 | 3837 | 22816 | 17 I I50 | 0Ω13 |
| 55S | 12 Y 28 | 1847 | 20810 | 15П14 | 27917 | 13 ⋎ 18 | 2829 | 20850 | 16П01 | 28\$25 | 14 ℃ 07 | 3811 | 21831 | 16П49 | 29\$34 |
| 56S | 12Υ21 | 1822 | 19825 | 14 II 12 | 26935 | 13Υ10 | 2804 | 20805 | 14 II 59 | 275643 | 14Y00 | 2845 | 20844 | 15 II 46 | 28552 |
| 57S 58S | 12Υ14 12Υ07 | 0856 0830 | 18 8 39 | 13 II 07 12 II 00 | 25@50 25@02 | 13 \(\psi 03 \) 12 \(\psi 56 \) | 1837 1810 | 19 8 18 18 8 29 | 13 II 53 12 II 45 | 26©59 26©11 | 13 \gamma 52 13 \gamma 44 | 2818 1851 | 19 8 57 | 14 II 40 13 II 30 | 28©08 27©20 |
| 59S | 12 γ 00 | 0803 | 17802 | 10 I I49 | 24911 | 12 Y 30 | 0843 | 17839 | 11 II 33 | 25@20 | 13 Y 36 | 1822 | 18817 | 12 II 18 | 26@29 |
| 60S | 11 Y 52 | 29 Y 35 | 16811 | 9П36 | 23916 | 12 Y 40 | 0814 | 16848 | 10П19 | 24925 | 13 Y 27 | 0853 | 17825 | 11 Д 02 | 25@35 |
| 61S | 11Υ44 | 29Υ06 | 15819 | 8п19 | 22917 | 12 Y 31 | 29°Y44 | 15855 | 9п01 | 23\$26 | 13 Y 18 | 0823 | 16831 | 9П43 | 24535 |
| 62S | 11Υ36 | 28 Y 36 | 14825 | 6Ц58 | 21 5 13 | 12Υ22 | 29 ℃ 14 | 15800 | 7П39 | 22522 | 13Υ09 | 29℃51 | 15835 | 8п20 | 23@31 |
| 63S | 11 Y 27 | 28 Y 05 | 13829 | 5Π34 4Π06 | 20504 | 12 Y 13 | 28 7 42 | 14803 | 6Π14 | 219512 | 12Υ59 | 29 Y 19 | 14837 | 6Π54 5Π23 | 22522 |
| 64S | 11Υ18 | 27°733 | 12831 | 4II 06 | 18549 | 12 Y 03 | 28Y09 | 13804 | 4 II 44 | 19557 | 12 7 48 | 28 7 46 | 13838 | 5 II 23 | 21506 |
| 65S 66S | 11Υ09 10Υ59 | 27\cdot\00 26\cdot\25 | 11832 10830 | 2П34 0П57 | 17©26 15©56 | 11 \(\gamma 53 \) 11 \(\gamma 43 \) | 27 Y 35 27 Y 00 | 12804 11801 | 3 II 11 1 II 33 | 18534 17504 | 12 Y 38 12 Y 27 | 28 ° 11 27 ° 35 | 12 8 36 11 8 32 | 3 II 48 2 II 08 | 19 © 43 |
| pc | 10 Y 53 | 26 Υ 06 | 9854 | 0Д37 0Д01 | 15930 | 11 Y 43 | 26Υ40 | 10824 | 0Д35 | 16909 | 12 Y 27 12 Y 20 | 27 Υ 13 27 Υ 14 | 10855 | 1 II 10 | 17917 |
| Calcula | | | | | | | | | | | | | . 000 | | |

| | Sid.Tir MC: | | 12m A 57'22 | RMC: 3 | 348°00' | Sid.Tir MC: | | 16m A 02'17 | RMC: 3 | 349°00' | Sid.Tir MC: | me: 23h2 | 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 | 19Υ30 | 20826 | 18П57 | 16935 | 15 ຄ 32 | 20 Y 34 | 21825 | 19П53 | 17931 | 16 232 | 21 Y 38 | 22824 | 20П48 | 18©27 | 17ω33 |
| 1S | 19℃25 | 20809 | 18 I I34 | 16915 | 15 Ω 23 | 20 ℃ 29 | 21808 | 19П29 | 17512 | 16Ω24 | 21Υ33 | 22807 | 20П25 | 18508 | 17Ω24 |
| 2S | 19Υ21 | 19853 | 18II 10 | 15@55 | 15Ω14 | 20Υ25 | 20852 | 19 11 06 | 16952 | 16.015 | 21 γ 28 | 21850 | 201101 | 17548 | 17Ω16 |
| 3S 4S | 19Υ17 19Υ13 | 19 8 37 19 8 21 | 17П47 17П24 | 15©35 15©15 | 15Ω05 14Ω56 | 20Υ20 20Υ16 | 20835 | 18 II 42 18 II 19 | 16931 16911 | 16Ω06 15Ω57 | 21 Y 24 21 Y 19 | 21834 | 19П37 19П14 | 17©28 17©08 | 17Ω07 16Ω59 |
| 5S | 19Y08 | 19805 | 17 I I00 | 14955 | 14Ω47 | 20Υ11 | 20803 | 17 I I55 | 15@51 | 15 Ω 49 | 21Υ14 | 21801 | 18 I I50 | 16947 | 16250 |
| 6S | 19 Y 08 | 18849 | 16 I I37 | 14933 | 143747 | 20 Y 11 20 Y 07 | 19847 | 17 II 33 17 II 32 | 15931 | 15 Ω 40 | 21 Y 14 21 Y 10 | 20844 | 18 Д 27 | 16927 | 16 Ω 41 |
| 7S | 19Υ00 | 18833 | 16 I I14 | 14513 | 14 \O 29 | 20Υ03 | 19830 | 17 I I09 | 15©10 | 15 Ω 31 | 21Υ05 | 20828 | 18耳03 | 16906 | 16232 |
| 8S | 18 Y 56 | 18817 | 15 I I50 | 13953 | 14Ω20 | 19 Ƴ 58 | 19814 | 16耳45 | 14949 | 15 № 21 | 21 Y 01 | 20812 | 17Ⅲ40 | 15ഇ46 | 16⋒23 |
| 9S | 18 Y 52 | 18801 | 15П27 | 13532 | 14Ω11 | 19か54 | 18858 | 16П22 | 14528 | 15Ω12 | 20Y56 | 19856 | 17П16 | 15©25 | 16Ω14 |
| 10S | 18 Ƴ 48 | 17845 | 15 I I03 | 135511 | 14Ω01 | 19℃50 | 18842 | 15 Д 58 | 14907 | 15 № 03 | 20°752 | 19839 | 16耳53 | 15©04 | 162005 |
| 118 | 18Υ43 | 17830 | 14 II 40 | 12549 | 13 0 13 | 19°745 | 18827 | 15 Д 34 | 13546 | 14 0 14 | 20Υ47 | 19823 | 16П29 | 145643 | 15 0 16 |
| 12S 13S | 18Υ39 18Υ35 | 17814 16858 | 14 II 16 13 II 53 | 12©28 12©06 | 13 Ω 42 13 Ω 32 | 19Ƴ41 19Ƴ37 | 18 8 11 17 8 55 | 15 II 11 14 II 47 | 13©24 13©03 | 14Ω44 14Ω34 | 20 Y 42 20 Y 38 | 19807 18851 | 16II05 15II41 | 14©21 13©59 | 15 Ω 46 15 Ω 37 |
| | 18 Y 31 | 16843 | 13 Д 29 | 119344 | 13 & 22 | 19Υ32 | 17839 | 14 Д 23 | 12941 | 14025 | 20 Υ 33 | 18835 | 15 I 17 | 13@37 | 15 & 27 |
| 15S | 18 Y 27 | 16827 | 13П05 | 11522 | 13 & 12 | 19Y28 | 17823 | 13 П 59 | 12518 | 14Ω15 | 20 7 29 | 18819 | 14П53 | 13515 | 15&17 |
| 16S | 18Y23 | 16811 | 12 II 41 | 10959 | 13 202 | 19Y23 | 17807 | 13 Д 35 | 11956 | 14Ω05 | 20 Y 24 | 18803 | 14П29 | 12553 | 15208 |
| 17S | 18 Y 19 | 15856 | 12 Д 17 | 10ഇ36 | 12Ω51 | 19 Y 19 | 16851 | 13 Д 11 | 11533 | 13 € 54 | 20Y19 | 17846 | 14Ⅲ04 | 12530 | 14Ω57 |
| 18S | 18Υ14 | 15840 | 11 Д 53 | 10513 | 12.041 | 19Υ15 | 16835 | 12 Д 46 | 11910 | 13 Ω 44 | 20Υ15 | 17830 | 13 Д 40 | 12507 | 14.047 |
| | 18Υ10 | 15824 | 11 11 28 | 9950 | 12Ω30 | 19 ℃ 10 | 16819 | 12П21 | 10947 | 13 Ω 33 | 20Υ10 | 17814 | 13 п 15 | 115544 | 14Ω37 |
| 20S | 18Y06 | 15808 | 11耳03 | 9526 | 12.019 | 19Y06 | 16803 | 11 II 57 | 10523 | 13 \O 13 | 20Υ06 20Υ01 | 16858 | 12 II 50 | 11520 | 14.026 |
| 21S 22S | 18Υ02 17Υ58 | 14 8 53 14 8 37 | 10 II 39 10 II 14 | 9©02 8©37 | 12Ω08 11Ω57 | 19 ℃ 01 18 ℃ 57 | 15 8 47 | 11 II 32 11 II 06 | 9©59 9©34 | 13 Ω 12 13 Ω 00 | 20°701 19°756 | 16841 16825 | 12 II 25 11 II 59 | 10©56 10©31 | 14Ω15 14Ω04 |
| 23S | 17Y53 | 14821 | 9П48 | 8512 | 11 245 | 18 Y 52 | 15815 | 10П41 | 9509 | 12 \Omega 49 | 19Υ51 | 16808 | 11 Д34 | 10506 | 13 253 |
| 24S | 17 Y 49 | 14805 | 9П23 | 7947 | 11 A 33 | 18 Ƴ 48 | 14858 | 10П15 | 8গু44 | 12£37 | 19Ƴ47 | 15852 | 11Д08 | 9941 | 13 € 42 |
| 25S | 17 Y 45 | 13848 | 8П57 | 7ഇ21 | 11Ω21 | 18 Ƴ 43 | 14842 | 9п49 | 8গু18 | 12 25 | 19 Ƴ 42 | 15835 | 10П42 | 9ഇ15 | 13 230 |
| 26S | 17 Y 40 | 13832 | 8Д31 | 6955 | 11Ω09 | 18 Y 39 | 14825 | 9П23 | 7952 | 12Ω13 | 19Ƴ37 | 15818 | 10П15 | 8549 | 13 Q 18 |
| 27S | 17Υ36 17Υ31 | 13816 | 8H05 | 6528 | 10Ω56 10Ω43 | 18 Y 34 | 14808 | 8Д57 | 7925 | 12Ω01 | 19 \mathbb{\gamma}32 | 15801 | 9П49 | 8922 | 13 Ω 05 12 Ω 53 |
| 28S 29S | 17%31 $17%27$ | 12859 12843 | 7П38 7П11 | 6901 5933 | 108243 | 18 Y 29 18 Y 25 | 13852 13835 | 8 II 30 8 II 03 | 6 ඉ 58 6 ඉ 30 | 11 \alpha 48 | 19\frac{19\frac{7}{27}}{19\frac{7}{22}} | 14844 14827 | 9П22 8П54 | 7954 7926 | 128733 12040 |
| 30S | 17Υ22 | 12826 | 6 I I44 | 5905 | 10Ω16 | 18Y20 | 13818 | 7П35 | 6 9 01 | 11ω21 | 19Υ17 | 14810 | 8П26 | 6 9 58 | 12.027 |
| 31S | 17 Y 22 | 12809 | 6 I 16 | 4936 | 10 Ω 02 | 18 Y 15 | 13800 | 7 II 07 | 5932 | 11 Ω 07 | 19 Y 17 | 13852 | 7 I I58 | 6929 | 128227 |
| 32S | 17Υ13 | 11852 | 5П48 | 4906 | 9⋒48 | 18 Y 10 | 12843 | 6П39 | 5ഇ02 | 10 Ω 53 | 19 Y 07 | 13834 | 7Д30 | 5959 | 11Ω59 |
| 33S | 17Υ08 | 11834 | 5II20 | 3935 | 9⋒33 | 18 Y 05 | 12825 | 6 I 10 | 4932 | 10Ω38 | 19Υ02 | 13816 | 7 I 101 | 5928 | 11 Ω 44 |
| | 17 Y 03 | 11817 | 4II51 | 3504 | 9Ω17 | 18 Y 00 | 12808 | 5П41 | 4900 | 10Ω23 | 18 Υ 56 | 12858 | 6П31 | 4957 | 11Ω29 |
| 35S | 16Υ58 | 10859 | 4H22 | 2532 | 9Ω02 | 17Υ55 | 11849 | 5Д11 | 3528 | 10Ω08 | 18Υ51 | 12840 | 6Д01 | 4925 | 11014 |
| 36S 37S | 16Υ54 16Υ48 | 10841 10823 | 3П52 3П22 | 2©00 1©26 | 8 N 45 8 N 29 | 17 ° 50 17 ° 44 | 11831 | 4П41 4П11 | 2 9 55 2 9 22 | 9 N 52 9 N 35 | 18 \(\psi 45 \) | 12821 12802 | 5 II 31 5 II 00 | 3©52 3©18 | 10Ω58 10Ω42 |
| | 16 Y 43 | | | 0951 | | | 10854 | 3П40 | | 9Ω18 | | 11843 | 4H28 | 2943 | 10 \$25 |
| | 16 Y 38 | 9846 | 2П19 | 0ഇ16 | 7£53 | 17Ƴ33 | 10835 | 3 II 08 | 1911 | 9200 | 18 Ƴ 28 | 11824 | 3П56 | 2907 | 10207 |
| 40S | 16 Y 33 | 9827 | 1П47 | 29П39 | 7ຄ34 | 17 Ƴ 28 | 10815 | 2Д35 | 0935 | 8241 | 18 Y 23 | 11804 | 3П24 | 1930 | 9Ω49 |
| 41S | 16 Y 27 | 9807 | 1П15 | 29П02 | 7 Ω 15 | 17 ℃ 22 | 9856 | 2Д02 | 29П57 | 8 N 22 | 18 Ƴ 17 | 10844 | 2Д50 | 0ഇ52 | 9⋒30 |
| | 16Υ22 | 8848 | 0II41 | 28 II 23 | 6Ω55 | 17°16 | 9836 | 1П29 | 29П18 | 8002 | 18Υ11 | 10824 | 2П16 | 0913 | 9210 |
| 43S 44S | 16Υ16 16Υ11 | 8828 8808 | 0П08 29 В 33 | 27 II 43 27 II 02 | 6Ω34 6Ω12 | 17 Υ 10 17 Υ 04 | 9816 8855 | 0П54 0П19 | 28 II 38 27 II 56 | 7Ω41 7Ω19 | 18 Y 04 17 Y 58 | 10803 9842 | 1 II 42 1 II 06 | 29 II 32 28 II 50 | 8Ω49 8Ω28 |
| | 16Υ05 | 7847 | 28857 | 26 ц 19 | 5Ω49 | 16Υ58 | 8834 | 29844 | 27 II 13 | 6Ω57 | 17 Y 51 | 9821 | 0П30 | 28 п 07 | 8£05 |
| | 15 Υ 59 | 7826 | 28821 | 25 II 35 | 5 N 25 | 16 Y 52 | 8812 | 29807 | 26II 29 | 6£37 | 17Υ31 17Υ45 | 8859 | 29853 | 27 II 23 | 7Ω42 |
| 47S | 15Υ53 | 7804 | 27844 | 24II 50 | 5⋒00 | 16 Y 45 | 7850 | 28829 | 25 11 43 | 6£08 | 17 Ƴ 38 | 8836 | 29815 | 26Ц36 | 7Ω17 |
| 488 | 15Υ46 | 6842 | 27806 | 24 II 03 | 4033 | 16Y39 | 7828 | 27851 | 24 II 55 | 5 Ω 42 | 17°731 | 8813 | 28836 | 25 II 48 | 6Ω51 |
| | 15Υ40 | 6820 | 26827 | 23 П 14 | 4Ω05 | 16Υ32 | 7805 | 27811 | 24 11 06 | 5Ω14 | 17Υ24 | 7850 | 27856 | 24 11 59 | 6Ω24 |
| 50S | 15Υ33 | 5857 | 25847 | 22 Д 23 | 3236 | 16Υ25 | 6842 | 26831 | 23 Ц 15 | 4 0.15 | 17Υ17 | 7826 | 27815 | 24 II 07 | 5 0 25 |
| | 15Υ26 15Υ19 | 5833 5809 | 25 8 06 24 8 24 | 21 II 30 20 II 36 | 3 N 06 2 N 33 | 16 Υ 18 16 Υ 10 | 6818 5853 | 25 8 50 25 8 07 | 22 II 22 21 II 26 | 4Ω15 3Ω43 | 17 ° 09 | 7802 6837 | 26 8 33 25 8 49 | 23 II 13 22 II 17 | 5 Ω 25 4 Ω 53 |
| | 15Υ12 | 4845 | 23841 | 19П39 | 1259 | 16 Y 03 | 5828 | 24823 | 20 II 29 | 3 2 0 9 | 16°Y 53 | 6811 | 25805 | 21 П 19 | 4Ω19 |
| | 15 Y 05 | 4819 | 22857 | 18П39 | 1 222 | 15 Ƴ 55 | 5802 | 23838 | 19П29 | 2 2 3 2 | 16 Y 45 | 5845 | 24819 | 20П19 | 3 ⋒ 43 |
| 55S | 14 Y 57 | 3854 | 22811 | 17Д38 | 0.043 | 15Ƴ47 | 4836 | 22852 | 18п26 | 1ω54 | 16 Y 36 | 5818 | 23832 | 19ц15 | 3⋒05 |
| 56S | 14Υ49 | 3827 | 21824 | 16П33 | 0002 | 15 Y 38 | 4808 | 22804 | 17II21 | 1 \O 12 | 16Y28 | 4850 | 22844 | 181109 | 2024 |
| | 14Υ41 14Υ32 | 2859 | 20836 | 15 II 26 | 29518 | 15 Y 30 | 3840 | 21815 | 16 II 13 | 0Ω28 29©41 | 16Y18 | 4821 | 21854 | 17Π00 15π48 | 1 0.40 |
| | 14 \ \gamma 32 | 2831 2802 | 19 8 46 18 8 55 | 14 II 16 13 II 03 | 28 5 30 27 5 40 | 15 ° 21 15 ° 11 | 3812 2842 | 20824 19832 | 15 II 02 13 II 48 | 29541 | 16 Y 09 15 Y 59 | 3852 3822 | 21803 20810 | 15 II 48 14 II 33 | 0Ω53 0Ω02 |
| 60S | 14Υ14 | 1832 | 18801 | 11 II 46 | 26945 | 15 γ 02 | 2811 | 18838 | 12 Д 30 | 27956 | 15 Y 49 | 2850 | 19815 | 13 Д 14 | 29508 |
| 61S | 14 Y 14 14 Y 05 | 1801 | 17807 | 10 Д 26 | 25945 | 13 Y 02 14 Y 52 | 1840 | 17843 | 11 II 09 | 26957 | 15 Y 49 | 2818 | 18818 | 11 II 52 | 28509 |
| | 13 Y 55 | 0829 | 16810 | 9п02 | 249342 | 14Ƴ41 | 1807 | 16845 | 9П43 | 25\$53 | 15Y27 | 1845 | 17820 | 10 Д25 | 27905 |
| 63S | 13Υ44 | 29Υ56 | 15811 | 7Д34 | 23532 | 14Υ30 | 0833 | 15845 | 8п14 | 249643 | 15Υ16 | 1810 | 16820 | 8П54 | 25@55 |
| | 13Υ34 | 29℃22 | 14811 | 6П01 | 22516 | 14 ℃ 19 | 29℃58 | 14844 | 6П40 | 23527 | 15℃04 | 0835 | 15817 | 7П19 | 24939 |
| | 120022 | 28 Ƴ 47 | 13808 | 4П25 | 20ഇ53 | 14 Y 07 | 29Y22 | 13840 | 5 II 02 | 22503 | 14 Y 51 | 29 Y 58 | 14812 | 5Д39 | 23915 |
| | 13Υ22 | | | | 10 - 21 | 120074 | 202215 | 10.10. | 2-10 | 20 - 21 | 1 4 4 4 4 4 4 4 | 202212 | 12:10= | 2 | 21 - 12 |
| 66S pc | 13 Υ 22 13 Υ 10 13 Υ 04 | 28 \gamma 10 27 \gamma 49 | 12803 11825 | 2 II 43 1 II 44 | 19©21 18©26 | 13 ° 54 13 ° 47 | 28 Y 45 28 Y 23 | 12834 11856 | 3П19 2П19 | 20©31 19©36 | 14 Y 38 14 Y 31 | 29 Y 19 28 Y 57 | 13805 12826 | 3П55 2П54 | 21 5 43 20 5 47 |

| | Sid.Tir MC: | | 24m A 12'20 | RMC: 3 | 51°00' | Sid.Tir MC: | ne: 23h2 21) | 28m A 17'28 | RMC: 3 | 352°00' | Sid.Tii MC: | ne: 23h; 22)(| 32m A 22'39 | RMC: 3 | 353°00' |
|------------|--------------------|----------------|----------------------------------|----------------------------------|----------------|-----------------------------------|----------------------------------|------------------------|----------------------|------------------------|--------------------------------------|-------------------------------|----------------------------------|----------------------------------|---------------------|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 22 Y 42 | 23823 | 21 Д43 | 19©24 | 18ຄ34 | 23 ℃ 46 | 24821 | 22 Ц 39 | 20ഇ20 | 19ຄ35 | 24 Y 49 | 25820 | 23 Д 34 | 21516 | 20ຄ36 |
| 1S | 22 Y 37 | 23806 | 21 Д20 | 19ഇ04 | 18 Ω 25 | 23 Y 40 | 24804 | 22 Ц 15 | 20ഇ00 | 19⋒26 | 24 Y 44 | 25803 | 23耳10 | 20ഇ57 | 20 28 |
| 2S | 22 Y 32 | 22849 | 20耳56 | 18ഇ44 | 18 Ω 17 | 23 Y 35 | 23847 | 21 Д51 | 19540 | 19£18 | 24 Y 38 | 24845 | 22 II 46 | 20ഇ37 | 20 20 |
| 3S | 22 Y 27 | 22832 | 20П33 | 18524 | 18Ω08 | 23 Υ 30 | 23830 | 21 Д28 | 19521 | 19Ω10 | 24Υ33 | 24828 | 22 Д23 | 20917 | 20211 |
| 4S | 22 Y 22 | 22815 | 20П09 | 18504 | 18£000 | 23 Y 25 | 23813 | 21 Д04 | 19501 | 19Ω02 | 24Y28 | 24811 | 21 Д 59 | 19\$57 | 202003 |
| 5S | 22 Y 17 | 21859 | 19П45 | 17944 | 17£51 | 23 Y 20 | 22856 | 20 11 40 | 18941 | 18£53 | 24Y23 | 23854 | 21 Д 35 | 19937 | 19£55 |
| 6S | 22Υ12 | 21842 | 19П22 | 17924 | 17Ω43 | 23 Y 15 | 22839 | 20 п 17 | 18920 | 18Ω45 | 24Υ17 | 23837 | 21 П 12 | 19©17 | 19Ω47 |
| 7S | 22Υ08 | 21825 | 18 II 58 | 17503 | 17.034 | 23Υ10 | 22823 | 19 II 53 | 18500 | 18.036 | 24 Y 12 | 23820 | 20 II 48 | 18957 | 19 0 38 |
| 8S 9S | 22Υ03 21Υ58 | 21809 20852 | 18П35 18П11 | 16ඉ43 16ඉ22 | 17Ω25 17Ω16 | 23 \cdot 05 23 \cdot 00 | 22 8 06 21 8 49 | 19П29 19П06 | 17©39 17©19 | 18Ω27 18Ω19 | 24 \cdot 07 24 \cdot 02 | 23 8 03 22 8 46 | 20 II 24 20 II 00 | 18 © 36 18 © 16 | 19 ຄ 30 19 ຄ 21 |
| | | | | | | | | | | | l . | | | | |
| 10S | 21 Υ 53 | 20836 | 17II 47 | 16901 | 17.007 | 22Υ55 22Ω50 | 21833 | 18 11 42 | 16958 | 18 0 10 | 23 Y 57 | 22829 | 19Д36 | 17955 | 19 2013 |
| 11S 12S | 21 Υ 49 21 Υ 44 | 20820 20803 | 17Д23 16Д59 | 15 ඉ 40 15 ඉ 18 | 16Ω58 16Ω49 | 22 \gamma 50 22 \gamma 45 | 21816 | 18 II 18 17 II 54 | 16©37 16©15 | 18Ω01 17Ω52 | 23 \gamma 51 \\ 23 \gamma 46 | 22813 21856 | 19П12 18П48 | 17©34 17©13 | 19 ຄ 04 18 ຄ 5 5 |
| 13S | 21 Y 39 | 19847 | 16耳35 | 14956 | 16Ω40 | 22 Y 43 | 20843 | 17 II 34 17 II 30 | 15954 | 170032 | 23 Y 40 23 Y 41 | 21839 | 18 Д 24 | 16951 | 18Ω46 |
| 14S | 21 γ 34 | 19831 | 16 I I11 | 14935 | 16230 | 22 Y 35 | 20826 | 17II 05 | 15@32 | 17ω33 | 23 Y 36 | 21822 | 17П59 | 16529 | 18£37 |
| 15S | 21Υ29 | 19814 | 15 Д 47 | 14512 | 16Ω21 | 22 Y 30 | 20810 | 16П41 | 15©10 | 17Ω24 | 23 Y 31 | 21805 | 17П35 | 16©07 | 18 ຄ 28 |
| 16S | 21 Y 25 | 18858 | 15 II 22 | 13950 | 16Ω11 | 22 Y 25 | 19853 | 16 I I16 | 149647 | 178024 $17\Omega14$ | $23 \Upsilon 31$ $23 \Upsilon 25$ | 20849 | 17II 33 | 159645 | 18Ω18 |
| 17S | 21 γ 20 | 18842 | 14 II 58 | 13930 | 16Ω01 | 22 Y 20 | 19837 | 15 II 52 | 149947 | 178014 | 23 Y 20 | 20832 | 16 I I45 | 159943 | 18Ω09 |
| 18S | 21 Y 15 | 18825 | 14Д33 | 13504 | 15251 | 22 Y 15 | 19820 | 15 II 27 | 14502 | 16Ω55 | 23 Y 15 | 20815 | 16耳20 | 14959 | 17259 |
| 19S | 21Υ10 | 18809 | 14 I I08 | 12541 | 15 € 41 | 22 ⋎ 10 | 19803 | 15 II 02 | 13538 | 16 245 | 23 Y 10 | 19858 | 15 Д 55 | 14536 | 17Ω49 |
| 20S | 21 Y 05 | 17852 | 13 Д 43 | 12ഇ17 | 15 ຄ 30 | 22 Y 05 | 18847 | 14П36 | 13514 | 16Ω34 | 23 Y 04 | 19841 | 15 Д 30 | 149512 | 17£39 |
| 21S | 21Υ00 | 17836 | 13 Д 18 | 11953 | 15Ω19 | 22Υ°00 | 18830 | 14 I I1 | 12550 | 16Ω24 | 22Υ59 | 19824 | 15 Д 04 | 135648 | 17.Ω29 |
| 22S | 20Y55 | 17819 | 12П52 | 11 5 28 | 15Ω09 | 21 ℃ 55 | 18813 | 13 Д 45 | 12©26 | 16 Q 13 | 22 Y 54 | 19807 | 14耳38 | 13\$24 | 17Ω18 |
| 23S | 20Υ50 | 17802 | 12 Д 26 | 11503 | 14Ω58 | 21 ° 49 | 17856 | 13 Д 19 | 12501 | 16Ω02 | 22Υ48 | 18849 | 14 П 12 | 12559 | 17207 |
| 24S | 20°Y45 | 16845 | 12П00 | 10ഇ38 | 14Ω46 | 21 ℃ 44 | 17839 | 12 Д 53 | 11935 | 15Ω51 | 22°Y43 | 18832 | 13 Д 46 | 12533 | 16Ω56 |
| 25S | 20 Y 40 | 16828 | 11 Д 34 | 10ഇ12 | 14Ω35 | 21 Y 39 | 17821 | 12 Д 27 | 115610 | 15 € 40 | 22 Y 37 | 18815 | 13П19 | 12507 | 16 \$\alpha 45\$ |
| 26S | 20 Y 35 | 16811 | 11 I 107 | 9ഇ46 | 14⋒23 | 21 Y 34 | 17804 | 12Д00 | 10943 | 15⋒28 | 22 Y 32 | 17857 | 12 Д 52 | 119541 | 16£34 |
| 27S | 20Υ30 | 15854 | 10П41 | 9519 | 14Ω11 | 21 Υ 28 | 16847 | 11 Д 33 | 10516 | 15Ω16 | 22Y26 | 17839 | 12 П 25 | 119514 | 16 222 |
| 28S | 20Υ25 | 15837 | 10 П 13 | 8951 | 13 0 15 | 21 Υ 23 | 16829 | 11 II 05 | 9549 | 15Ω04 | 22°21 | 17821 | 11 Д 57 | 10547 | 16 10 |
| 29S | 20Y20 | 15819 | 9П46 | 8923 | 13 Ω 45 | 21 Ƴ 17 | 16811 | 10П37 | 9921 | 14Ω51 | 22 Y 15 | 17803 | 11 Д29 | 10©18 | 15Ω58 |
| 30S | 20Υ15 | 15801 | 9П18 | 7955 | 13 2 3 2 | 21 Υ 12 | 15853 | 10耳09 | 8952 | 14Ω38 | 22Υ09 | 16845 | 11 11 00 | 9950 | 15 \O 45 |
| 31S 32S | 20Υ09 20Υ04 | 14844 | 8П49 | 7526 | 13Ω19 13Ω05 | 21 \(\psi 06 \) 21 \(\psi 01 \) | 15835 | 9П40 9П11 | 8923 | 14Ω25 14Ω12 | 22 \(\psi 03 \) 21 \(\psi 57 \) | 16 8 27 | 10 Д 32 10 Д 02 | 9520 | 15Ω32 15Ω18 |
| 33S | 20 Υ 04 19 Υ 58 | 14826 14807 | 8П20 7П51 | 6956 6925 | 12051 | 20 Y 55 | 15 8 17 14 8 58 | 9Д11 | 7953 7922 | 13057 | 21 Y 57 21 Y 51 | 15849 | 9Д32 | 8950 8919 | 15 Ω 05 |
| 34S | 19 Y 53 | 13849 | 7Π31 7Π21 | 5953 | 12036 | 20 Υ 49 | 14840 | 8П12 | 6950 | 13 \Q 43 | 21 Y 45 | 15830 | 9п02 | 79548 | 14Ω50 |
| 35S | 19 ° 47 | 13830 | 6Д51 | 5 © 21 | 12Ω21 | 20°Y43 | 14821 | 7 I 141 | 6 © 18 | 13 Ω 28 | 21Υ39 | 15811 | 8Д31 | 7 © 15 | 14Ω36 |
| 36S | 19 Y 47 | 13830 | 6Д21 | 4948 | 12805 | 20 Y 43 | 14801 | 7Д41 | 5945 | 13 Ω 13 | 21 Y 33 | 14851 | 8Д00 | 6942 | 148230 |
| 37S | 19Υ36 | 12852 | 5П49 | 4914 | 11 \Omega 49 | 20 Υ 31 | 13842 | 6П39 | 5 9 43 | 12057 | 21 Y 27 | 14832 | 7П28 | 6907 | 14805 |
| | | 12833 | 1 | l . | 11ω32 | | 13822 | 6П07 | 1 | 12Ω40 | | | 6П56 | 5932 | |
| 39S | 19Ƴ24 | 12813 | 4 I I45 | 3ම03 | 11Ω15 | 20 Ƴ 19 | 13802 | 5Д34 | 3959 | 12 \Omega 23 | 21 Y 14 | 13851 | 6П23 | 4956 | 13⋒31 |
| 40S | 19 Y 17 | 11853 | 4п12 | 2ഇ26 | 10Ω57 | 20 Y 12 | 12842 | 5Д00 | 3922 | 12 20 05 | 21 7 07 | 13830 | 5П49 | 4গু18 | 13Ω14 |
| 41S | 19Υ11 | 11833 | 3Д38 | 1948 | 10 ຄ 38 | 20Υ06 | 12821 | 4 I I26 | 2943 | 11Ω46 | 21Υ00 | 13809 | 5П14 | 3 9 40 | 12255 |
| 42S | 19 Y 05 | 11812 | 3П04 | 1 ഇ 08 | 10 A 18 | 19Ƴ59 | 12800 | 3Д51 | 2904 | 11 A 27 | 20Y53 | 12848 | 4П39 | 3 9 0 0 | 12£36 |
| 43S | 18Υ58 | 10851 | 2П29 | 0ഇ27 | 9⋒58 | 19Υ52 | 11838 | 3 Д 16 | 1 5 2 3 | 11Ω07 | 20Υ46 | 12826 | 4II 03 | 2519 | 12Ω16 |
| 44S | 18 Y 52 | 10829 | 1Д53 | 29П45 | 9ຄ37 | 19Ƴ45 | 11816 | 2П40 | 0940 | 10Ω46 | 20Ƴ39 | 12804 | 3П27 | 1936 | 11Ω56 |
| 45S | 18 Y 45 | 10807 | 1П16 | 29П02 | 9Ω14 | 19Ƴ38 | 10854 | 2П02 | 29П57 | 10Ω24 | 20Y31 | 11841 | 2Ц49 | 0ഇ52 | 11Ω34 |
| 46S | 18Υ38 | 9845 | 0Д38 | 28 п 17 | 8£51 | 19Υ31 | 10831 | 1 п 24 | 29П11 | 10Ω01 | 20Υ24 | 11818 | 2Д10 | 0906 | 11011 |
| 47S | 18 Y 31 | 9822 | 0H00 | 27 II 30 | 8 A 27 | 19Υ23 | 10808 | 0II45 | 28 II 24 | 9,037 | 20Y16 | 10854 | 1 II 31 | 29 П 19 | 10.047 |
| 48S 49S | 18Υ23 18Υ16 | 8859 8835 | 29820 28840 | 26 II 42 25 II 51 | 8Ω01 7Ω34 | 19 Y 16 19 Y 08 | 9845 9820 | 0П05 29 8 24 | 27 II 35 26 II 45 | 9Ω11 8Ω45 | 20 Y 08 20 Y 00 | 10830 10805 | 0Д50 0Д09 | 28 II 30 27 II 38 | 10£22 9£56 |
| | | | | | | | | | | | | | | | |
| 50S | 18Y08 | 8811 | 27859 | 24 II 59 | 7Ω06 | 19Y00 | 8856 | 28842 | 25 II 52 | 8 N 17 | 19 Y 51 | 9840 | 29826 | 26 II 45 | 9Ω28 |
| 51S 52S | 18Υ00 17Υ52 | 7846 7820 | 27816 26832 | 24 II 05 23 II 09 | 6Ω36 6Ω04 | 18 Υ 51 18 Υ 43 | 8830 8804 | 27859 27815 | 24 II 57 24 II 00 | 7Ω47 7Ω15 | 19 Y 43 19 Y 34 | 9814 8848 | 28 8 43 27 8 58 | 25 II 50 24 II 52 | 8 N 59 8 N 28 |
| 53S | 17 Y 32 | 6854 | 25847 | 22 II 10 | 5£30 | 18 Y 34 | 7 8 38 | 26829 | 23 II 01 | 6Ω42 | 19 Y 34 19 Y 25 | 8821 | 27811 | 23 II 52 | 7Ω55 |
| 54S | 17 Y 35 | 6828 | 25801 | 21 II 09 | 4Ω54 | 18Y25 | 7810 | 25842 | 21 II 59 | 6Ω07 | 19Υ15 | 7853 | 26824 | 22 II 50 | 7£13 |
| 55S | 17Υ26 | 6800 | 24813 | 20П05 | 4Ω16 | 18 Y 16 | 6842 | 24854 | 20П54 | 5Ω29 | 19Y05 | 7824 | 25835 | 21 Д44 | 6Ω42 |
| 56S | 17 Υ 20 17 Υ 17 | 5832 | 23824 | 18 II 58 | 3236 | 18 Y 06 | 6813 | 24834 | 19 II 47 | 4Ω48 | 18 Y 55 | 6855 | 24844 | 20 II 36 | 6Ω02 |
| 57S | 17 ° 07 | 5802 | 22834 | 17 I I48 | 2 N 52 | 17 Y 56 | 5843 | 23813 | 18П36 | 4Ω05 | 18Y45 | 6824 | 23852 | 19П25 | 5 Ω 19 |
| 58S | 16 Y 57 | 4832 | 21841 | 16 I I35 | 2205 | 17Ƴ46 | 5813 | 22820 | 17П22 | 3 & 19 | 18 Y 34 | 5853 | 22859 | 18 I I10 | 4£33 |
| 59S | 16 Y 47 | 4802 | 20848 | 15П19 | 1 2 1 5 | 17Ƴ35 | 4841 | 21825 | 16耳05 | 2 N 29 | 18 Y 23 | 5821 | 22803 | 16耳51 | 3 ଈ 43 |
| 60S | 16 Y 36 | 3830 | 19852 | 13 Д 59 | 0ຄ21 | 17Ƴ24 | 4809 | 20829 | 14П44 | 1 2 3 4 | 18 Y 11 | 4848 | 21806 | 15 Д 29 | 2 1 4 9 |
| 61S | 16 Y 25 | 2857 | 18854 | 12П35 | 29©22 | 17Ƴ12 | 3835 | 19830 | 13П19 | 0ຄ36 | 17 Y 59 | 4814 | 20806 | 14 I I03 | 1 2 5 1 |
| 62S | 16Y14 | 2823 | 17855 | 11 1 107 | 28918 | 17Ƴ00 | 3800 | 18830 | 11Д50 | 29\$32 | 17 Y 46 | 3838 | 19805 | 12 Д32 | 0Ω47 |
| 42C | | 1 1 1 1 1 7 | 16854 | 9П35 | 27ഇ08 | 16Ƴ47 | 2824 | 17828 | 10 Д 16 | 28522 | 17°733 | 3801 | 18802 | 10 Д 57 | 29538 |
| 63S | 16Υ02 | 1847 | | | 0.5 | | | 1 (() () | | 177606 | 17Υ19 | 1 7 2 2 1 | 1 16 9 56 | . 07710 | 28922 |
| 64S | 16Υ02 15Υ49 | 1811 | 15850 | 7 I I 59 | 25952 | 16Ƴ34 | 1847 | 16823 | 8П38 | 27506 | | 2824 | 16856 | 9П18 | |
| 64S 65S | 15Υ49 15Υ36 | 1811 0833 | 15 8 50 14 8 44 | 7П59 6П17 | 24928 | 16Ƴ20 | 1809 | 15816 | 6Ц55 | 25942 | 17 Y 05 | 1844 | 15848 | 7Д33 | 26958 |
| 64S | 15 Y 49 | 1811 | 15850 | 7П59 | | | | | | | | | | | |

| | 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 | 56°00' |
|--|---|--|---|--|---|--|--|---|---|--|---|---|--|---|---|
| Lat | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 | 11 | 12 | Asc | 2 | 3 |
| 0S | 25 Y 53 | 26818 | 24П29 | 22@13 | 21 237 | 26Y56 | 27816 | 25 Д24 | 23509 | 22 238 | 27 Υ 59 | 28814 | 26П19 | 24906 | 23 240 |
| 1S | 25 ℃ 47 | 26801 | 24耳05 | 21553 | 21 229 | 26Y50 | 26859 | 25耳00 | 22550 | 22 231 | 27Y53 | 27856 | 25Ⅲ55 | 23 5 47 | 23 233 |
| 2S | 25℃42 | 25843 | 23 11 42 | 21534 | 21 221 | 26Ƴ44 | 26841 | 24 II 37 | 22531 | 22 \Omega 23 | 27Ƴ47 | 27839 | 25 1132 | 23 5 27 | 23 25 |
| 38 | 25Υ36 | 25826 | 23 П 18 | 215514 | 21 \Omega 13 | 26Υ39 | 26823 | 24 II 13 | 22511 | 22 2 15 | 27Υ41 | 27821 | 25 II 08 | 23 5 08 | 23 17 |
| 4S | 25 Ƴ 31 | 25808 | 22 Ц 54 | 20ഇ54 | 21 205 | 26Ƴ33 | 26806 | 23 Д 49 | 21951 | 22 20 07 | 27Ƴ35 | 27803 | 24 II 44 | 22548 | 23 & 10 |
| 5S | 25℃25 | 24851 | 22 II 30 | 20934 | 20 A 57 | 26 ℃ 27 | 25848 | 23 Ⅲ25 | 21531 | 22 2000 | 27 Ƴ 30 | 26846 | 24II20 | 22529 | 23 20 02 |
| 6S | 25Υ20 | 24834 | 22 Д 06 | 20@14 | 20 249 | 26Υ22 | 25831 | 23 Д 01 | 21512 | 21 0 52 | 27Υ24 | 26828 | 23 11 56 | 22509 | 22 254 |
| 7S 8S | 25Υ14 25Υ09 | 24817 24800 | 21 II 43 21 II 19 | 19©54 19©34 | 20Ω41 20Ω33 | 26 ° 16 26 ° 11 | 25 8 14 24 8 56 | 22 II 37 22 II 14 | 20©51 20©31 | 21 \Quad 43 21 \Quad 35 | 27 ° 18 27 ° 12 | 26 8 10 25 8 53 | 23 II 32 23 II 08 | 21 5 49 21 5 29 | 22 \Omega 46 22 \Omega 38 |
| 9S | 25 Υ 03 | 23843 | 20 II 55 | 19934 | 20 £ 23 24 | 26 Y 05 | 24839 | 21 II 49 | 20@31 20@11 | 21 & 27 | 27Υ06 | 25836 | 22 II 44 | 21908 | 22230 |
| 108 | 24 Y 58 | 23826 | 20Д31 | 18@52 | 20Ω16 | 25 Υ 59 | 24822 | 21 11 25 | 19950 | 21 \alpha 19 | 27Υ01 | 25818 | 22 11 20 | 20948 | 22 \Omega 22 |
| 11S | 24 Y 53 | 23809 | 20 II 31 20 II 07 | 18931 | 20 Ω 07 | 25 Y 54 | 24805 | 21 II 23 21 II 01 | 19930 | 21 & 10 | 26 Y 55 | 25801 | 21 II 56 | 20948 | 228022 22 N 14 |
| 12S | 24°47 | 22852 | 19П42 | 18910 | 19 N 58 | 25 Υ 48 | 23848 | 20 Д 37 | 19508 | 21 & 02 | 26Υ49 | 24843 | 21 II 31 | 20006 | 22006 |
| 13S | 24Y42 | 22835 | 19П18 | 17949 | 19 249 | 25 Y 43 | 23830 | 20 Д 12 | 18946 | 20Ω53 | 26Y43 | 24826 | 21 Д 07 | 19544 | 21 257 |
| 14S | 24 Y 36 | 22818 | 18П54 | 17ഇ27 | 19⋒40 | 25 Ƴ 37 | 23813 | 19П48 | 18925 | 20⋒44 | 26 Y 37 | 24809 | 20П42 | 19ഇ23 | 21 249 |
| 15S | 24 Y 31 | 22801 | 18П29 | 17ഇ05 | 19ູ໙31 | 25Ƴ31 | 22856 | 19 Д23 | 18ഇ03 | 20 235 | 26Y32 | 23851 | 20П17 | 19ഇ01 | 21 240 |
| 16S | 24Υ26 | 21844 | 18耳04 | 16943 | 19⋒22 | 25Υ26 | 22839 | 18耳58 | 179341 | 20⋒26 | 26℃26 | 23834 | 19П52 | 18539 | 21 231 |
| 17S | 24Υ20 | 21827 | 17Д39 | 16©20 | 19Ω13 | 25 ℃ 20 | 22822 | 18П33 | 17©18 | 20Ω17 | 26Υ20 | 23816 | 19П27 | 18©16 | 21 22 |
| 18S | 24Υ15 | 21810 | 17II14 | 15@57 | 19203 | 25Υ14 | 22804 | 18耳08 | 16955 | 20208 | 26Υ14 | 22859 | 19П02 | 17953 | 21 213 |
| 19S | 24Y09 | 20852 | 16П49 | 15934 | 18Ω53 | 25 ℃ 09 | 21847 | 17Ⅱ42 | 16532 | 19£58 | 26℃08 | 22841 | 18П36 | 17930 | 21 203 |
| 20S | 24Υ04 | 20835 | 16 Д 23 | 15910 | 18Ω44 | 25 Y 03 | 21829 | 17II17 | 16508 | 19 0 49 | 26Y02 | 22824 | 18II 10 | 17907 | 20254 |
| 21S 22S | 23 \U23 \U23 \U23 \U23 \U23 \U23 \U23 \U | 20818 | 15 II 57 15 II 31 | 14946 14922 | 18Ω33 18Ω23 | 24 \cdot 57 24 \cdot 51 | 21812 20854 | 16 II 51 16 II 25 | 15©44 15©20 | 19Ω39 19Ω29 | 25 \gamma 56 25 \gamma 50 | 22 8 06 21 8 48 | 17 I I44 17 I I18 | 16ඉ43 16ඉ18 | 20 Ω 44 20 Ω 34 |
| 22S 23S | 23 Y 47 | 19843 | 15Д31 | 149022 | 18Ω13 | 24 Y 31 24 Y 46 | 20834 | 15 II 58 | 13920 | 198129 | 25 Y 44 | 21830 | 16Д51 | 15953 | 20 ε 234 |
| 24S | 23 Υ 41 | 19825 | 14 Д 39 | 13@31 | 18202 | 24 Y 40 | 20819 | 15 II 31 | 14933 | 19208 | 25 Υ 38 | 21812 | 16 I I24 | 15@28 | 20 & 14 |
| 25S | 23Υ36 | 19808 | 14П12 | 13©05 | 17Ω51 | 24 Y 34 | 20801 | 15П04 | 14504 | 18Ω57 | 25 Y 32 | 20854 | 15П57 | 15©02 | 20Ω03 |
| 26S | 23 Υ 30 23 Υ 30 | 18850 | 13 Д 44 | 12539 | 17.0.40 | 24 Y 28 | 19843 | 14 II 37 | 13937 | 18Ω46 | 25 Y 26 | 20835 | 15 II 29 | 14936 | 19252 |
| 27S | 23Υ24 | 18832 | 13 Д 17 | 12512 | 17Ω28 | 24Y22 | 19824 | 14耳09 | 13510 | 18£35 | 25Υ20 | 20817 | 15 I I01 | 14509 | 19 241 |
| 28S | 23 Y 18 | 18814 | 12П49 | 119544 | 17Ω16 | 24Y16 | 19806 | 13 耳41 | 12543 | 18⋒23 | 25 Ƴ 13 | 19858 | 14耳33 | 135641 | 19 ຄ 30 |
| 29S | 23 Y 12 | 17855 | 12П21 | 115616 | 17Ω04 | 24Y10 | 18847 | 13 Д 13 | 12©15 | 18 Ω 11 | 25 ⋎ 07 | 19839 | 14Ⅲ04 | 13©13 | 19Ω18 |
| 30S | 23 Y 06 | 17837 | 11 Д 52 | 10ഇ48 | 16£52 | 24Y03 | 18829 | 12 11 44 | 115646 | 17Ω59 | 25Ƴ00 | 19820 | 13Д35 | 125644 | 19⋒06 |
| 31S | 23Υ00 | 17818 | 11 Д23 | 10518 | 16239 | 23 Υ 57 | 18810 | 12 П 14 | 115516 | 17Ω46 | 24Υ54 | 19801 | 13 Д 06 | 12915 | 18254 |
| 32S 33S | 22Υ54 22Υ48 | 16 8 59 | 10Д53 10Д23 | 9 9 48 9 9 17 | 16Ω26 16Ω12 | 23 \gamma 51 23 \gamma 44 | 17850 17831 | 11 II 44 11 II 14 | 10©46 10©15 | 17Ω33 17Ω20 | 24 ° 47 24 ° 41 | 18 8 42 | 12 II 36 12 II 05 | 119544 119513 | 18Ω41 18Ω28 |
| 34S | 22 Y 42 | 16821 | 9П53 | 8945 | 15 N 58 | 23 Y 38 | 17811 | 10 Д 43 | 99643 | 178020 | 24 Y 34 | 18802 | 11 II 34 | 10942 | 18Ω14 |
| 35S | 22Υ35 | 16801 | 9п22 | 8 © 13 | 15 Ω 43 | 23 Y 31 | 16851 | 10 п 12 | 9911 | 16Ω52 | 24Y27 | 17842 | 11 11 02 | 10©09 | 18£00 |
| 36S | 22Υ29 | 15841 | 8П50 | 7939 | 15 28 | 23 Y 24 | 16831 | 9П40 | 8937 | 16.037 | 24Y20 | 17821 | 10 II 30 | 9935 | 17Ω46 |
| 37S | 22Y22 | 15821 | 8П18 | 7ഇ05 | 15Ω13 | 23 Y 17 | 16811 | 9П08 | 8গু02 | 16 22 | 24Υ13 | 17801 | 9П57 | 9900 | 17ω31 |
| | | 15801 | | | 14Ω57 | | 15850 | | 7ഇ27 | 16⋒06 | | 16839 | | 8925 | |
| 39S | 22 Y 08 | 14840 | 7П12 | 5953 | 14⋒40 | 23 Y 03 | 15829 | 8Д01 | 6950 | 15Ω49 | 23 ⋎ 58 | 16818 | 8 I I50 | 79548 | 16259 |
| 40S | 22 Y 01 | 14819 | 6П38 | 5ഇ15 | 14⋒23 | 22 Y 56 | 15808 | 7П26 | 6ණ12 | 15 ຄ 32 | 23 Y 51 | 15856 | 8П15 | 7ഇ10 | 16⋒42 |
| 41S | 21Υ54 | 13858 | 6П03 | 4936 | 14205 | 22Υ49 | 14846 | 6Д51 | 5933 | 15Ω15 | 23 Υ 43 | 15834 | 7 I I40 | 6931 | 16.025 |
| 42S | 21 Υ 47 21 Υ 40 | 13836 | 5Π27 | 3956 | 13 0 46 | 22 \gamma 41 \\ 22 \gamma 33 | 14824 | 6II 15 | 4953 | 14.056 | 23 \gamma 35 23 \gamma 27 | 15812 | 7II 03 | 5950 | 16.007 |
| 43S 44S | 21 Y 40 21 Y 32 | 13 8 13 12 8 51 | 4П51 4П14 | 3©15 2©32 | 13Ω26 13Ω06 | 22 Y 33 | 14801 13838 | 5П38 5П01 | 4911 3928 | 14Ω37 14Ω17 | 23 Y 27 23 Y 19 | 14849 14825 | 6П26 5П48 | 5©08 4©25 | 15Ω48 15Ω28 |
| 45S | 21Υ24 | 12828 | | 1932 | 12Ω45 | 22Υ18 | 13815 | 4 II 22 | 2943 | 13Ω56 | 23Υ11 | 14801 | 5 I 109 | 3940 | 15 Ω 07 |
| 43S 46S | $21 \Upsilon 24$ $21 \Upsilon 17$ | 12804 | 3Д36 2Д57 | 19947 | 128143 12022 | 22 Y 18 22 Y 09 | 12851 | 3 II 43 | 1957 | 13 N 34 | 23 Y 11 23 Y 02 | 13837 | 3П09 4П29 | 2953 | 138007 |
| 47S | 21Υ08 | 11840 | 2Д17 | 0ഇ14 | 11 \$259 | 22 Y 01 | 12826 | 3 II 02 | 1509 | 13 & 10 | 22 Y 53 | 13812 | 3 II 48 | 2905 | 14 \Omega 23 |
| 48S | 21 Y 00 | 11816 | 1Д36 | 29П24 | 11Ω34 | 21 Y 52 | 12801 | 2П21 | 0ഇ19 | 12 ຄ 46 | 22 ° 44 | 12847 | 3П06 | 1514 | 13 259 |
| 49S | 20 Y 52 | 10851 | 0П54 | 28II33 | 11 A 08 | 21 ℃ 43 | 11836 | 1П38 | 29П27 | 12 200 | 22 Ƴ 35 | 12821 | 2П23 | 0ഇ22 | 13 A 33 |
| 50S | 20 Y 43 | 10825 | 0Д11 | 27П39 | 10 ຄ 40 | 21 Ƴ 34 | 11810 | 0Д55 | 28 Д 33 | 11 Q 53 | 22 Y 26 | 11854 | 1Д39 | 29П28 | 13 ຄ 07 |
| 51S | 20 Ƴ 34 | 9859 | 29826 | 26II43 | 10Ω11 | 21Υ25 | 10843 | 0Д10 | 27 Д 37 | 11024 | 22Υ16 | 11827 | 0П54 | 28 Д 31 | 12.038 |
| 52S | | | 28841 | 25 11 45 | 9Ω40 | 21Υ15 | 10815 | 29824 28836 | 26 II 38 | 10.054 | 22Υ06 21 9256 | 10859 | 0H07 | 27 II 31 | 12Ω08 11Ω36 |
| E20 | 20Υ24 | 9832 | 1 | 24 77 44 | 0.000 | | | /X 75 16 | 25 II 37 | 10ຄ22 | 21 Y 56 | 10830 | 29819 | 26耳30 | 111111111111111111111111111111111111111 |
| 53S 54S | 20Y15 | 9804 | 27854 | 24 Π 44 23 Π 41 | 9£08 8£033 | 21 \(\psi 05 \) | 9847 9818 | | | | | | | | |
| 54S | 20°15 20°05 | 9804 8836 | 27854 27805 | 23П41 | 8£33 | 20℃55 | 9818 | 27847 | 24П33 | 9Ω47 | 21 ° 45 | 10801 | 28829 | 25 11 25 | 11 A 02 |
| 54S 55S | 20 Y 15 20 Y 05 19 Y 55 | 9804 8836 8806 | 27854 27805 26816 | 23 II 41 22 II 35 | 8 N 33 7 N 56 | 20 ° 55 20 ° 44 | 9 8 18 8 8 48 | 27847 26857 | 24 II 33 23 II 26 | 9Ω47 9Ω10 | 21 ° 45 21 ° 34 | 10 8 01 9 8 31 | 28 8 29 27 8 38 | 25 II 25 24 II 17 | 11 Ω 02 10 Ω 26 |
| 54S | 20°15 20°05 | 9804 8836 | 27854 27805 | 23П41 | 8£33 | 20℃55 | 9818 | 27847 | 24П33 | 9Ω47 | 21 ° 45 | 10801 | 28829 | 25 11 25 | 11 A 02 |
| 54S 55S 56S 57S 58S | 20°15 20°05 19°55 19°44 | 9804 8836 8806 7836 7805 6834 | 27854 27805 26816 25825 24832 23837 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 | 8 \(\alpha 33 \) 7 \(\alpha 56 \) 7 \(\alpha 16 \) 6 \(\alpha 34 \) 5 \(\alpha 48 \) | 20 \gamma 55 20 \gamma 44 20 \gamma 33 20 \gamma 22 20 \gamma 10 | 9818 8848 8818 | 27847 26857 26805 | 24 II 33 23 II 26 22 II 16 | 9 \alpha 47 9 \alpha 10 8 \alpha 31 | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 | 10801 9831 9800 | 28829 27838 26845 | 25 II 25 24 II 17 23 II 06 | 11 \(\O |
| 54S 55S 56S 57S | 20°15 20°05 19°55 19°44 19°33 | 9804 8836 8806 7836 7805 | 27854 27805 26816 25825 24832 | 23 II 41 22 II 35 21 II 26 20 II 13 | 8 \(\Omega 33 \) 7 \(\Omega 56 \) 7 \(\Omega 16 \) 6 \(\Omega 34 \) | 20\gamma55 20\gamma44 20\gamma33 20\gamma22 | 9818 8848 8818 7846 | 27847 26857 26805 25811 | 24 II 33 23 II 26 22 II 16 21 II 03 | 9 \(\Omega 47 \) 9 \(\Omega 10 \) 8 \(\Omega 31 \) 7 \(\Omega 49 \) | 21 \gamma 45 21 \gamma 34 21 \gamma 23 21 \gamma 11 | 10801 9831 9800 8827 | 28829 27838 26845 25851 | 25 II 25 24 II 17 23 II 06 21 II 52 | 11 \alpha 02 10 \alpha 26 9 \alpha 47 9 \alpha 05 |
| 54S 55S 56S 57S 58S | 20°15 20°05 19°55 19°44 19°33 19°22 | 9804 8836 8806 7836 7805 6834 6801 5827 | 27854 27805 26816 25825 24832 23837 22841 21843 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 | 8033 7056 7016 6034 5048 4058 | 20 \gamma 55 20 \gamma 44 20 \gamma 33 20 \gamma 22 20 \gamma 10 | 9818 8848 8818 7846 7814 | 27847 26857 26805 25811 24816 23819 22820 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 | 9.047 9.010 8.031 7.049 7.004 6.014 5.021 | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 | 10801 9831 9800 8827 7854 7820 6845 | 28829 27838 26845 25851 24855 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 | 11 \O2 \) 10 \O2 \) 9 \O4 \) 9 \O4 \) 8 \O2 \) 7 \O3 \) 6 \O3 \) |
| 54S 55S 56S 57S 58S 59S 60S 61S | 20 Y 15 20 Y 05 19 Y 55 19 Y 44 19 Y 33 19 Y 22 19 Y 10 18 Y 58 18 Y 46 | 9804 8836 8806 7836 7805 6834 6801 5827 4852 | 27854 27805 26816 25825 24832 23837 22841 21843 20843 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 14 II 47 | 8 \(\alpha \) 33 7 \(\alpha \) 56 7 \(\alpha \) 16 6 \(\alpha \) 34 5 \(\alpha \) 48 4 \(\alpha \) 58 4 \(\alpha \) 5 3 \(\alpha \) 07 | 20\(\gamma\)55 20\(\gamma\)44 20\(\gamma\)33 20\(\gamma\)22 20\(\gamma\)10 19\(\gamma\)58 19\(\gamma\)46 19\(\gamma\)32 | 9818 8848 8818 7846 7814 6841 6806 5830 | 27847 26857 26805 25811 24816 23819 22820 21819 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 15 II 32 | 9.047 9.010 8.031 7.049 7.004 6.014 5.021 4.024 | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 20 Y 46 20 Y 33 20 Y 19 | 10801 9831 9800 8827 7854 7820 6845 6809 | 28829 27838 26845 25851 24855 23857 22857 21855 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 19 II 13 17 II 47 16 II 17 | 11 \O2 \) 10 \O2 \(\O2 \) 9 \O4 \\ 9 \O4 \\ 9 \O5 \\ 8 \O2 \\ 7 \O3 \\ 6 \O3 \\ 5 \O4 \\ 2 |
| 548 558 568 578 588 598 608 618 628 | 20 Y 15 20 Y 05 19 Y 55 19 Y 44 19 Y 33 19 Y 22 19 Y 10 18 Y 58 18 Y 46 18 Y 32 | 9804 8836 8806 7836 7805 6834 6801 5827 4852 4816 | 27854 27805 26816 25825 24832 23837 22841 21843 20843 19840 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 14 II 47 13 II 15 | 8033 7056 7016 6034 5048 4058 4005 3007 2003 | 20\(\gamma\)55 20\(\gamma\)44 20\(\gamma\)33 20\(\gamma\)22 20\(\gamma\)10 19\(\gamma\)58 19\(\gamma\)46 19\(\gamma\)32 19\(\gamma\)19 | 9818 8848 8818 7846 7814 6841 6806 5830 4854 | 27847 26857 26805 25811 24816 23819 22820 21819 20815 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 15 II 32 13 II 59 | 9.047 9.010 8.031 7.049 7.004 6.014 5.021 4.024 3.021 | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 20 Y 46 20 Y 33 20 Y 19 20 Y 05 | 10801 9831 9800 8827 7854 7820 6845 6809 5831 | 28829 27838 26845 25851 24855 23857 22857 21855 20851 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 19 II 13 17 II 47 16 II 17 14 II 42 | 11 \(\O |
| 548 558 568 578 588 598 608 618 628 638 | 20 Y 15 20 Y 05 19 Y 55 19 Y 44 19 Y 33 19 Y 22 19 Y 10 18 Y 58 18 Y 46 18 Y 32 18 Y 19 | 9804 8836 8806 7836 7805 6834 6801 5827 4852 4816 3839 | 27854 27805 26816 25825 24832 23837 22841 21843 20843 19840 18836 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 14 II 47 13 II 15 11 II 39 | 8 \(\alpha \) 33 7 \(\alpha \) 56 7 \(\alpha \) 16 6 \(\alpha \) 34 5 \(\alpha \) 48 4 \(\alpha \) 58 4 \(\alpha \) 5 3 \(\alpha \) 7 2 \(\alpha \) 3 0 \(\alpha \) 54 | 20 \$\gamma 55\$ 20 \$\gamma 44\$ 20 \$\gamma 33\$ 20 \$\gamma 22\$ 20 \$\gamma 10\$ 19 \$\gamma 58\$ 19 \$\gamma 46\$ 19 \$\gamma 32\$ 19 \$\gamma 19\$ 19 \$\gamma 04\$ | 9818 8848 8818 7846 7814 6841 6806 5830 4854 4816 | 27847 26857 26805 25811 24816 23819 22820 21819 20815 19810 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 15 II 32 13 II 59 12 II 21 | 9 \(\text{9 \tilde 10} \) 8 \(\tilde 31 \) 7 \(\tilde 49 \) 7 \(\tilde 04 \) 6 \(\tilde 14 \) 5 \(\tilde 21 \) 4 \(\tilde 24 \) 3 \(\tilde 21 \) 2 \(\tilde 12 \) | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 20 Y 46 20 Y 33 20 Y 19 20 Y 05 19 Y 50 | 10801 9831 9800 8827 7854 7820 6845 6809 5831 4853 | 28829 27838 26845 25851 24855 23857 22857 21855 20851 19844 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 19 II 13 17 II 47 16 II 17 14 II 42 13 II 03 | 11 \(\O |
| 548 558 568 578 588 598 608 618 628 638 648 | 20°15 20°05 19°55 19°44 19°33 19°22 19°10 18°58 18°46 18°32 18°19 18°04 | 9804 8836 8806 7836 7805 6834 6801 5827 4852 4816 3839 3800 | 27854 27805 26816 25825 24832 23837 22841 21843 20843 19840 18836 17829 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 14 II 47 13 II 15 11 II 39 9 II 57 | 8033 7056 7016 6034 5048 4058 405 3007 2003 0054 29©38 | 20 \$\gamma 55\$ 20 \$\gamma 44\$ 20 \$\gamma 33\$ 20 \$\gamma 22\$ 20 \$\gamma 10\$ 19 \$\gamma 58\$ 19 \$\gamma 46\$ 19 \$\gamma 32\$ 19 \$\gamma 19\$ 19 \$\gamma 40\$ | 9818 8848 8818 7846 7814 6841 6806 5830 4854 4816 3836 | 27847 26857 26805 25811 24816 23819 22820 21819 20815 19810 18802 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 15 II 32 13 II 59 12 II 21 10 II 38 | 9 \(\text{9} \) \(\text{9} \) \(\text{10} \) \(8 \ta 3 \) \\ 7 \ta 4 \) \(7 \ta 0 \) \\ \(6 \ta 1 \) \\ \(5 \ta 2 \) \\ \(4 \ta 2 \) \\ \(3 \ta 2 \) \\ \(2 \ta 1 \) \\ \(2 \ta 1 \) \\ \(0 \ta 5 \ta \) | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 20 Y 46 20 Y 33 20 Y 19 20 Y 05 19 Y 50 19 Y 34 | 10801 9831 9800 8827 7854 7820 6845 6809 5831 4853 4812 | 28829 27838 26845 25851 24855 23857 22857 21855 20851 19844 18835 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 19 II 13 17 II 47 16 II 17 14 II 42 13 II 03 11 II 18 | 11 \(\alpha 02 \) 10 \(\alpha 26 \) 9 \(\alpha 47 \) 9 \(\alpha 05 \) 8 \(\alpha 20 \) 7 \(\alpha 32 \) 6 \(\alpha 39 \) 5 \(\alpha 42 \) 4 \(\alpha 39 \) 3 \(\alpha 30 \) 2 \(\alpha 15 \) |
| 548 558 568 578 588 598 608 618 628 638 648 658 | 20°15 20°05 19°55 19°44 19°33 19°22 19°10 18°58 18°46 18°32 18°19 18°04 17°49 | 9804 8836 8806 7836 7805 6834 6801 5827 4852 4816 3839 3800 2820 | 27854 27805 26816 25825 24832 23837 22841 21843 20843 19840 18836 17829 16820 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 14 II 47 13 II 15 11 II 39 9 II 57 8 II 11 | 8 \(\alpha \) 33 7 \(\alpha \) 56 7 \(\alpha \) 16 6 \(\alpha \) 34 5 \(\alpha \) 48 4 \(\alpha \) 53 3 \(\alpha \) 7 2 \(\alpha \) 33 0 \(\alpha \) 54 29 \(\oldsymbol{ | 20 \$\gamma 55\$ 20 \$\gamma 44\$ 20 \$\gamma 33\$ 20 \$\gamma 22\$ 20 \$\gamma 10\$ 19 \$\gamma 58\$ 19 \$\gamma 46\$ 19 \$\gamma 32\$ 19 \$\gamma 19\$ 19 \$\gamma 04\$ 18 \$\gamma 49\$ | 9818 8848 8818 7846 7814 6841 6806 5830 4854 4816 3836 2855 | 27847 26857 26805 25811 24816 23819 22820 21819 20815 19810 18802 16852 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 15 II 32 13 II 59 12 II 21 10 II 38 8 II 49 | 9 \(\text{9} \) 10 8 \(\text{0} \) 11 7 \(\text{0} \) 4 6 \(\text{0} \) 14 5 \(\text{0} \) 21 4 \(\text{0} \) 24 3 \(\text{0} \) 12 0 \(\text{0} \) 56 29 \(\text{0} \) 32 | 21 745 21 734 21 723 21 711 20 759 20 746 20 733 20 719 20 705 19 750 19 734 19 718 | 10801 9831 9800 8827 7854 7820 6845 6809 5831 4853 4812 3830 | 28829 27838 26845 25851 24855 23857 22857 21855 20851 19844 18835 17824 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 19 II 13 17 II 47 16 II 17 14 II 42 13 II 03 11 II 18 9 II 28 | 11,002 9,047 9,005 8,020 7,032 6,039 5,042 4,039 3,030 2,015 |
| 548 558 568 578 588 598 608 618 628 638 648 | 20°15 20°05 19°55 19°44 19°33 19°22 19°10 18°58 18°46 18°32 18°19 18°04 | 9804 8836 8806 7836 7805 6834 6801 5827 4852 4816 3839 3800 | 27854 27805 26816 25825 24832 23837 22841 21843 20843 19840 18836 17829 | 23 II 41 22 II 35 21 II 26 20 II 13 18 II 58 17 II 38 16 II 15 14 II 47 13 II 15 11 II 39 9 II 57 | 8033 7056 7016 6034 5048 4058 405 3007 2003 0054 29©38 | 20 \$\gamma 55\$ 20 \$\gamma 44\$ 20 \$\gamma 33\$ 20 \$\gamma 22\$ 20 \$\gamma 10\$ 19 \$\gamma 58\$ 19 \$\gamma 46\$ 19 \$\gamma 32\$ 19 \$\gamma 19\$ 19 \$\gamma 40\$ | 9818 8848 8818 7846 7814 6841 6806 5830 4854 4816 3836 | 27847 26857 26805 25811 24816 23819 22820 21819 20815 19810 18802 | 24 II 33 23 II 26 22 II 16 21 II 03 19 II 46 18 II 25 17 II 01 15 II 32 13 II 59 12 II 21 10 II 38 | 9 \(\text{9} \) \(\text{9} \) \(\text{10} \) \(8 \ta 3 \) \\ 7 \ta 4 \) \(7 \ta 0 \) \\ \(6 \ta 1 \) \\ \(5 \ta 2 \) \\ \(4 \ta 2 \) \\ \(3 \ta 2 \) \\ \(2 \ta 1 \) \\ \(2 \ta 1 \) \\ \(0 \ta 5 \ta \) | 21 Y 45 21 Y 34 21 Y 23 21 Y 11 20 Y 59 20 Y 46 20 Y 33 20 Y 19 20 Y 05 19 Y 50 19 Y 34 | 10801 9831 9800 8827 7854 7820 6845 6809 5831 4853 4812 | 28829 27838 26845 25851 24855 23857 22857 21855 20851 19844 18835 | 25 II 25 24 II 17 23 II 06 21 II 52 20 II 34 19 II 13 17 II 47 16 II 17 14 II 42 13 II 03 11 II 18 | 11 \(\alpha 02 \) 10 \(\alpha 26 \) 9 \(\alpha 47 \) 9 \(\alpha 05 \) 8 \(\alpha 20 \) 7 \(\alpha 32 \) 6 \(\alpha 39 \) 5 \(\alpha 42 \) 4 \(\alpha 39 \) 3 \(\alpha 30 \) 2 \(\alpha 15 \) |

| | Sid.Tir MC: | | 48m A 43'51 | RMC: 3 | 57°00' | Sid.Time: 23h52m ARMC: 358°00' MC: 27\(\text{H}49'\)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 |
| os | 29 Y 02 | 29812 | 27П14 | 25©03 | 24 \Omega 42 | 0805 | 0п10 | 28П09 | 26©00 | 25 244 | 1808 | 1Д07 | 29П04 | 26957 | 26 246 |
| 1S | 28Y56 | 28854 | 26耳50 | 245644 | 24⋒35 | 29 Y 59 | 29852 | 27Ⅱ46 | 259541 | 25⋒37 | 1801 | 0П49 | 28Ⅲ41 | 26538 | 26239 |
| 2S | 28 Y 50 | 28836 | 26Ⅲ27 | 24925 | 24 <i>&</i> 27 | 29 Υ 52 | 29833 | 27Ⅲ22 | 25922 | 25⋒30 | 0 8 55 | 0П31 | 28 II 17 | 26919 | 26 232 |
| 3S | 28 Y 44 | 28818 | 26耳03 | 24905 | 24 <i>ω</i> 20 | 29Ƴ46 | 29815 | 26耳58 | 25©03 | 25 \Omega 22 | 0848 | 0П12 | 27II53 | 26900 | 26 25 |
| 4S | 28 Y 38 | 28800 | 25 Д 39 | 235646 | 24Ω12 | 29Ƴ40 | 28857 | 26 II 34 | 249643 | 25 A 15 | 0842 | 29854 | 27П29 | 259641 | 26218 |
| 5S | 28 Y 32 | 27843 | 25 11 15 | 23 ഇ 26 | 24⋒05 | 29Ƴ34 | 28839 | 26 II 10 | 24924 | 25⋒08 | 0835 | 29836 | 27Ⅲ05 | 25921 | 26211 |
| 6S | 28Y26 | 27825 | 24П51 | 23506 | 23 257 | 29 Y 27 | 28822 | 25 II 46 | 24904 | 25Ω00 | 0829 | 29818 | 26П41 | 25©02 | 262004 |
| 7S | 28Υ20 | 27807 | 24 11 27 | 22546 | 23 \Quad 49 | 29Υ21 | 28804 | 25 II 22 | 235544 | 24 \Q 53 | 0823 | 29800 | 26II 17 | 245642 | 25 25 6 |
| 8S 9S | 28 Y 14 28 Y 08 | 26 8 50 26 8 32 | 24 II 03 23 II 39 | 22©26 22©06 | 23 Ω 42 23 Ω 34 | 29 Y 15 29 Y 09 | 27846 27828 | 24 II 58 24 II 34 | 23©24 23©04 | 24 \Omega 45 24 \Omega 37 | 0816 0810 | 28 8 42 28 8 24 | 25 II 53 25 II 28 | 24©22 24©02 | 25 \Omega 49 |
| | | | | | | | | | | | | | | | |
| 10S 11S | 28 Y 02 27 Y 56 | 26 8 14 25 8 57 | 23 II 15 22 II 50 | 21©46 21©25 | 23 Ω 26 23 Ω 18 | 29 Y 03 28 Y 56 | 27810 26853 | 24 II 09 23 II 45 | 22 9 44 22 9 23 | 24 \Quad 30 24 \Quad 22 | 0803 29 Υ 57 | 28 8 06 27 8 48 | 25 II 04 24 II 40 | 23©42 23©21 | 25 N 34 |
| 12S | 27Υ50 | 25839 | 22 II 26 | 21904 | $23\Omega 10$ | 28 Y 50 | 26835 | 23 II 20 | 22902 | 24Ω14 | 29Υ51 | 27830 | 24 II 15 | 239921 | 25 Ω 18 |
| 13S | 27Υ44 | 25822 | 22 Д 01 | 20943 | 23 £ 01 | 28 Y 44 | 26817 | 22 II 56 | 219541 | 24206 | 29°744 | 27812 | 23 Д 50 | 22540 | 25 \$\Omega 10 |
| 14S | 27 Y 38 | 25804 | 21 Д36 | 20ഇ21 | 22 N 53 | 28 Y 38 | 25859 | 22 II 31 | 21 ഇ20 | 23 2 58 | 29Ƴ38 | 26855 | 23 11 25 | 22518 | 25 20 02 |
| 15S | 27 Y 32 | 24846 | 21 Д 11 | 19959 | 22 Ω 44 | 28Y32 | 25842 | 22П06 | 20ഇ58 | 23 249 | 29Y32 | 26837 | 23 Д 00 | 21957 | 24254 |
| 16S | 27Y26 | 24829 | 20П46 | 19937 | 22 \Omega 36 | 28Y25 | 25824 | 21 Д41 | 20ഇ36 | 23 & 41 | 29Y25 | 26818 | 22 Д 35 | 21935 | 24 \$246 |
| 17S | 27 Y 20 | 24811 | 20П21 | 19©15 | 22 & 27 | 28Υ19 | 25806 | 21 Д 15 | 20ഇ13 | 23 232 | 29Υ19 | 26800 | 22П09 | 21©12 | 24 238 |
| 18S | 27 Y 14 | 23853 | 19П56 | 18ഇ52 | 22 <i>û</i> 18 | 28 Y 13 | 24848 | 20П50 | 19©51 | 23 23 | 29Ƴ12 | 25842 | 21 ∏44 | 20ഇ50 | 24229 |
| 198 | 27 Y 07 | 23836 | 19П30 | 18©29 | 22 û 09 | 28 Y 07 | 24830 | 20П24 | 19©28 | 23 N 14 | 29Ƴ06 | 25824 | 21 Д 18 | 20ഇ27 | 24 \Omega 20 |
| 20S | 27 Y 01 | 23818 | 19П04 | 18ഇ05 | 21 259 | 28 Y 00 | 24812 | 19П58 | 19ഇ04 | 23 20 05 | 28 Y 59 | 25806 | 20П51 | 20ഇ03 | 24 21 1 |
| 218 | 26Y55 | 23800 | 18П38 | 17941 | 21 250 | 27Y54 | 23853 | 19Д31 | 18940 | 22256 | 28Υ53 | 24847 | 20П25 | 19539 | 24 \O 02 |
| 22S | 26Υ49 26Υ43 | 22842 | 18II11 | 17917 | 21 \Q 40 | 27 Υ 47 27 Υ 41 | 23835 | 19II 05 | 18516 | 22 \Omega 46 | 28Y46 | 24829 | 19II 58 | 19515 | 23 Ω 53 23 Ω 44 |
| 23S 24S | 26°7°43 | 22823 22805 | 17П44 17П17 | 16ඉ52 16ඉ27 | 21 Ω 30 21 Ω 20 | 27 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 23 8 17 22 8 58 | 18 II 38 18 II 10 | 17951 17926 | 22 \Omega 37 22 \Omega 27 | 28 \(\cdot 39 \) 28 \(\cdot 33 \) | 24810 23851 | 19 I I31 19 I I04 | 18©50 18©25 | 23 £144 |
| | | | | | | | | | | | | | | | |
| 25S | 26Υ30 26Υ24 | 21847 | 16 II 50 16 II 22 | 16901 | 21 Ω 10 20 Ω 59 | 27 Y 28 27 Y 21 | 22839 22821 | 17 II 43 17 II 15 | 17©00 16©34 | 22Ω17 22Ω06 | 28 Y 26 28 Y 19 | 23 8 32 23 8 13 | 18II36 18II08 | 17959 | 23 \Omega 24 23 \Omega 14 |
| 26S 27S | 26 Y 24 26 Y 17 | 21828 21809 | 15 II 54 | 15©35 15©08 | 208139 20Ω48 | 27Υ21 27Υ15 | 22802 | 16 II 47 | 16934 | 21256 | 28 Y 19 | 22854 | 17Д39 | 17933 17906 | 23003 |
| 28S | 26Υ11 | 20850 | 15 II 25 | 149340 | 20 <i>ω</i> 37 | 27Υ08 | 21842 | 16 I I18 | 15939 | 21 245 | 28 Y 05 | 22835 | 17 II 10 | 16939 | 22 \$6.53 |
| | 26Y04 | 20831 | 14 I I57 | 14912 | 20 & 26 | 27 Y 01 | 21823 | 15 Д 49 | 15©11 | 21 234 | 27 ⋎ 58 | 22815 | 16 I I41 | 16গু11 | 22 \$\alpha 42 |
| 30S | 25 Y 57 | 20812 | 14П27 | 13943 | 20Ω14 | 26Y54 | 21804 | 15П19 | 14942 | 21 22 | 27 Y 51 | 21855 | 16П11 | 15942 | 22.030 |
| 31S | 25 Y 51 | 19852 | 13 Д 57 | 13514 | 20 \O2 | 26°Y47 | 20844 | 14 II 49 | 149613 | 21 & 10 | 27°44 | 21835 | 15 I I41 | 15@12 | 22 2 19 |
| 32S | 25Ƴ44 | 19833 | 13 11 27 | 125643 | 19⋒49 | 26 Y 40 | 20824 | 14 I I19 | 135642 | 20⋒58 | 27 Y 36 | 21815 | 15 I I10 | 149642 | 22 20 07 |
| 33S | 25 Y 37 | 19813 | 12П56 | 12512 | 19⋒36 | 26Y33 | 20804 | 13 Д 48 | 13511 | 20 N 45 | 27℃29 | 20854 | 14П39 | 14911 | 21 255 |
| 34S | 25 Y 30 | 18852 | 12П25 | 115540 | 19⋒23 | 26℃26 | 19843 | 13 II 16 | 12539 | 20232 | 27℃22 | 20834 | 14 I 107 | 13539 | 21 242 |
| 35S | 25 Y 23 | 18832 | 11耳53 | 11907 | 19⋒09 | 26Y18 | 19822 | 12Ⅱ44 | 12ഇ06 | 20 N 19 | 27 Ƴ 14 | 20812 | 13 耳35 | 13506 | 21 229 |
| 36S | 25Υ15 | 18811 | 11 Д21 | 10ള34 | 18£55 | 26Υ11 | 19801 | 12 Д 11 | 11933 | 20Ω05 | 27Υ06 | 19851 | 13 Д 02 | 12532 | 21 21 3 |
| 37S 38S | 25Υ08 | 17850 17829 | 10 II 47 | 9559 | 18Ω41 18Ω25 | 26Υ03 | 18840 | 11 II 38 11 II 04 | 10@58 | 19Ω51 19Ω36 | 26Υ58 | 19829 | 12 II 28 | 11957 | 21 A 01 |
| | 24 Y 53 | 17829 | 9П39 | 99923 89346 | 18Ω09 | 25 Y 48 | 17856 | 10 Д 29 | 9945 | 198230 | 26 Y 42 | 18845 | 11 II 34 11 II 18 | 10944 | 208240 |
| | | | | | | | | | | | | | | | |
| 40S 41S | 24Υ45 24Υ37 | 16 8 45 | 9П04 8П28 | 8©08 7©29 | 17Ω53 17Ω36 | 25Υ39 25Υ31 | 17834 17811 | 9П53 9П17 | 9 © 06 8 © 27 | 19Ω04 18Ω47 | 26 \cdot 34 26 \cdot 25 | 18 8 22 17 8 59 | 10 II 43 10 II 06 | 10005 | 20 \Omega 15 |
| | 24 Y 29 | 16800 | 7 II 52 | 6948 | 17 <i>α</i> 18 | 25 Y 23 | 16848 | 8П40 | 7946 | 18230 | 26 Y 17 | 17835 | | | |
| | 24Y21 | 15836 | 7П14 | 6906 | 16Ω59 | 25 Y 14 | | | | | | | 1 9 11 28 | 9 © 26 8 © 45 | |
| 44S | 24Υ12 | | / ユエ・ | 05000 | 100633 | 23 114 | 16824 | 8П02 | 7ഇ04 | | 26Υ08 | 17811 | 9П28 8П50 | 9526 8545 8502 | 19 Ω 42 19 Ω 24 |
| 150 | 27 12 | 15812 | 6 I I36 | 5 5 5 22 | 16 <i>α</i> 40 | 25 Υ 14 25 Υ 06 | 16 82 4 16 8 00 | 8П02 7П23 | 7©04 6©20 | 18 N 11 17 N 52 | | I | 1 | 8945 | 19 \$\alpha 42 |
| 45S | 24 Y 04 | 15 8 12 14 8 48 | | | | | | | | 18 Ω 11 | 26Y08 | 17811 | 8II50 | 8 ବ୍ୟ 5 8 ବ୍ୟ 2 | 19 ຄ 42 19 ຄ 24 |
| 46S | 24Υ04 23Υ55 | 14848 14824 | 6П36 5П56 5П16 | 5©22 4©37 3©50 | 16Ω40 16Ω19 15Ω58 | 25 \cdot 06 24 \cdot 57 24 \cdot 47 | 16800 15835 15810 | 7П23 6П43 6П02 | 6©20 5©34 4©47 | 18\Omega11 17\Omega52 17\Omega32 17\Omega11 | 26 \(\cdot 08 \) 25 \(\cdot 59 \) 25 \(\cdot 50 \) 25 \(\cdot 40 \) | 17811 16847 16822 15856 | 8П50 8П11 7П31 6П49 | 8545 8502 7518 6532 5545 | 19.042 19.024 19.005 18.045 |
| 46S 47S | 24 Y 04 23 Y 55 23 Y 46 | 14848 14824 13858 | 6 II 36 5 II 56 5 II 16 4 II 34 | 5922 4937 3950 3901 | 16Ω40 16Ω19 15Ω58 15Ω36 | 25 \cdot 06 24 \cdot 57 24 \cdot 47 24 \cdot 38 | 16800 15835 15810 14844 | 7 II 23 6 II 43 6 II 02 5 II 21 | 6920 5934 4947 3958 | 18\Omega11 17\Omega52 17\Omega32 17\Omega11 16\Omega49 | 26 \(\psi 08 \) 25 \(\psi 59 \) 25 \(\psi 50 \) 25 \(\psi 40 \) 25 \(\psi 30 \) | 17811 16847 16822 15856 15830 | 8П50 8П11 7П31 6П49 6П07 | 8945 8902 7918 6932 5945 4955 | 19 \(\text{19 \text{0.5}} \) 19 \(\text{0.5} \) 18 \(\text{0.5} \) 18 \(\text{0.5} \) 18 \(\text{0.5} \) 18 \(\text{0.5} \) |
| 46S 47S 48S | 24 \(\cdot 04 \) 23 \(\cdot 55 \) 23 \(\cdot 46 \) 23 \(\cdot 36 \) | 14848 14824 13858 13832 | 6П36 5П56 5П16 4П34 3П52 | 5522 4537 3550 3501 2510 | 16 \(\Omega 40 \) 16 \(\Omega 19 \) 15 \(\Omega 58 \) 15 \(\Omega 36 \) 15 \(\Omega 12 \) | 25 \cdot 06 24 \cdot 57 24 \cdot 47 24 \cdot 38 24 \cdot 28 | 16800 15835 15810 14844 14818 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 | 6520 5534 4547 3558 3507 | 18\Omega 11 17\Omega 52 17\Omega 32 17\Omega 11 16\Omega 49 16\Omega 26 | 26 \(\psi 08 \) 25 \(\psi 59 \) 25 \(\psi 50 \) 25 \(\psi 40 \) 25 \(\psi 30 \) 25 \(\psi 20 \) | 17811 16847 16822 15856 15830 15804 | 8П50 8П11 7П31 6П49 6П07 5П23 | 8945 8902 7918 6932 5945 4955 4904 | 19 \alpha 42 19 \alpha 24 19 \alpha 05 18 \alpha 45 18 \alpha 03 17 \alpha 40 |
| 46S 47S 48S 49S | 24 \cdot 04 23 \cdot 55 23 \cdot 46 23 \cdot 36 23 \cdot 27 | 14848 14824 13858 13832 13806 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 | 5922 4937 3950 3901 2910 1918 | 16 \(\Omega 40 \) 16 \(\Omega 19 \) 15 \(\Omega 58 \) 15 \(\Omega 36 \) 15 \(\Omega 12 \) 14 \(\Omega 47 \) | 25 \cdot 06 24 \cdot 57 24 \cdot 47 24 \cdot 38 24 \cdot 28 24 \cdot 19 | 16800 15835 15810 14844 14818 13851 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 | 6920 5934 4947 3958 3907 2914 | 18\(\alpha 11 \) 17\(\alpha 52 \) 17\(\alpha 32 \) 17\(\alpha 11 \) 16\(\alpha 49 \) 16\(\alpha 26 \) 16\(\alpha 01 \) | 26 \(\psi 08 \) 25 \(\psi 59 \) 25 \(\psi 50 \) 25 \(\psi 40 \) 25 \(\psi 30 \) 25 \(\psi 20 \) 25 \(\psi 10 \) | 17811 16847 16822 15856 15830 15804 14836 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 | 8945 8902 7918 6932 5945 4955 4904 3910 | 19.042 19.005 18.045 18.025 18.003 17.040 |
| 46S 47S 48S 49S 50S | 24 Y 04 23 Y 55 23 Y 46 23 Y 36 23 Y 27 23 Y 17 | 14848 14824 13858 13832 13806 12839 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 | 5922 4937 3950 3901 2910 1918 0923 | 16 \(\Omega 40 \) 16 \(\Omega 19 \) 15 \(\Omega 58 \) 15 \(\Omega 36 \) 15 \(\Omega 12 \) 14 \(\Omega 47 \) 14 \(\Omega 21 \) | 25 \cdot 06 24 \cdot 57 24 \cdot 47 24 \cdot 38 24 \cdot 28 24 \cdot 19 24 \cdot 08 | 16800 15835 15810 14844 14818 13851 13824 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 | 6920 5934 4947 3958 3907 2914 1918 | 18\(\alpha\) 11 17\(\alpha\) 52 17\(\alpha\) 32 17\(\alpha\) 11 16\(\alpha\) 49 16\(\alpha\) 26 16\(\alpha\) 01 15\(\alpha\) 35 | 26 \(\psi 0 8 \) 25 \(\psi 5 9 \) 25 \(\psi 5 0 \) 25 \(\psi 4 0 \) 25 \(\psi 2 0 \) 25 \(\psi 1 0 \) 25 \(\psi 0 0 \) | 17811 16847 16822 15856 15830 15804 14836 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 | 19.042 19.003 18.043 18.023 18.003 17.040 17.016 |
| 46S 47S 48S 49S 50S 51S | 24\cdot 04 23\cdot 55 23\cdot 46 23\cdot 36 23\cdot 27 23\cdot 17 23\cdot 07 | 14848 14824 13858 13832 13806 12839 12811 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 | 5922 4937 3950 3901 2910 1918 0923 29II25 | 16 \(\alpha \) 40 16 \(\alpha \) 19 15 \(\alpha \) 58 15 \(\alpha \) 36 15 \(\alpha \) 12 14 \(\alpha \) 47 14 \(\alpha \) 21 13 \(\alpha \) 53 | 25 \(\psi 06 \) 24 \(\psi 57 \) 24 \(\psi 47 \) 24 \(\psi 28 \) 24 \(\psi 28 \) 24 \(\psi 19 \) 24 \(\psi 08 \) 23 \(\psi 58 \) | 16800 15835 15810 14844 14818 13851 13824 12855 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 | 6920 5934 4947 3958 3907 2914 1918 0920 | 18\(\alpha\) 11 17\(\alpha\)52 17\(\alpha\)1 16\(\alpha\)49 16\(\alpha\)26 16\(\alpha\)01 15\(\alpha\)35 15\(\alpha\)08 | 26 \(\psi 0 8 \) 25 \(\psi 5 9 \) 25 \(\psi 0 0 \) 25 \(\psi 0 0 0 \) 25 \(\psi 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 | 19.04 19.02 19.00 18.04 18.02 18.00 17.04 17.01 16.05 16.02 |
| 46S 47S 48S 49S 50S 51S 52S | 24\(\gamma\)04 23\(\gamma\)55 23\(\gamma\)46 23\(\gamma\)36 23\(\gamma\)27 23\(\gamma\)17 23\(\gamma\)07 22\(\gamma\)57 | 14848 14824 13858 13832 13806 12839 12811 11843 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 | 5922 4937 3950 3901 2910 1918 0923 29125 281125 | 16 \(\alpha 40 \) 16 \(\alpha 19 \) 15 \(\alpha 58 \) 15 \(\alpha 36 \) 15 \(\alpha 12 \) 14 \(\alpha 47 \) 14 \(\alpha 21 \) 13 \(\alpha 53 \) 13 \(\alpha 23 \) | 25 \(\phi 06 \) 24 \(\phi 57 \) 24 \(\phi 47 \) 24 \(\phi 38 \) 24 \(\phi 28 \) 24 \(\phi 19 \) 24 \(\phi 08 \) 23 \(\phi 58 \) 23 \(\phi 47 \) | 16800 15835 15810 14844 14818 13851 13824 12855 12826 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 | 6920 5934 4947 3958 3907 2914 1918 0920 291120 | 18\(\alpha\) 11 17\(\alpha\) 52 17\(\alpha\) 32 17\(\alpha\) 11 16\(\alpha\) 49 16\(\alpha\) 26 16\(\alpha\) 01 15\(\alpha\) 35 15\(\alpha\) 08 14\(\alpha\) 39 | 26 \(\psi \) 08 25 \(\psi \) 59 25 \(\psi \) 40 25 \(\psi \) 30 25 \(\psi \) 20 25 \(\psi \) 10 25 \(\psi \) 00 24 \(\psi \) 49 24 \(\psi \) 38 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 | 19.04 19.02 19.00 18.04 18.02 18.00 17.04 17.01 16.05 16.02 15.05 |
| 46S 47S 48S 49S 50S 51S 52S 53S | 24\cdot 04 23\cdot 55 23\cdot 46 23\cdot 36 23\cdot 27 23\cdot 17 23\cdot 07 | 14848 14824 13858 13832 13806 12839 12811 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 | 5922 4937 3950 3901 2910 1918 0923 29II25 | 16 \(\alpha\)40 16 \(\alpha\) 19 15 \(\alpha\)5 \(\alpha\)5 \(\alpha\)5 \(\alpha\)15 \(\alpha\)12 14 \(\alpha\)47 14 \(\alpha\)21 13 \(\alpha\)53 13 \(\alpha\)23 12 \(\alpha\)52 | 25 \(\psi 06 \) 24 \(\psi 57 \) 24 \(\psi 47 \) 24 \(\psi 28 \) 24 \(\psi 28 \) 24 \(\psi 19 \) 24 \(\psi 08 \) 23 \(\psi 58 \) | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 | 6920 5934 4947 3958 3907 2914 1918 0920 | 18\(\alpha\) 11 17\(\alpha\) 52 17\(\alpha\) 32 17\(\alpha\) 16\(\alpha\) 49 16\(\alpha\) 26 16\(\alpha\) 01 15\(\alpha\) 35 15\(\alpha\) 08 14\(\alpha\) 39 14\(\alpha\) 08 | 26 \(\psi 0 8 \) 25 \(\psi 5 9 \) 25 \(\psi 0 0 \) 25 \(\psi 0 0 0 \) 25 \(\psi 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 | 19.04 19.02 19.00 18.04 18.02 17.04 17.01 16.05 16.02 15.05 15.02 |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S | 24 \(\psi 04 \) 23 \(\psi 55 \) 23 \(\psi 46 \) 23 \(\psi 27 \) 23 \(\psi 17 \) 23 \(\psi 07 \) 22 \(\psi 57 \) 22 \(\psi 46 \) 22 \(\psi 35 \) | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 | 5922 4937 3950 3901 2910 1918 0923 29125 28125 27123 26118 | 16 \(\alpha\)40 16 \(\alpha\)15 \(\alpha\)5 \(\alpha\)5 \(\alpha\)3 \(\alpha\)5 \(\alpha\)15 \(\alpha\)15 \(\alpha\)15 \(\alpha\)12 \(\alpha\)14 \(\alpha\)21 13 \(\alpha\)53 13 \(\alpha\)23 12 \(\alpha\)52 12 \(\alpha\)18 | 25 \(\phi 06 \) 24 \(\phi 57 \) 24 \(\phi 47 \) 24 \(\phi 28 \) 24 \(\phi 19 \) 24 \(\phi 08 \) 23 \(\phi 58 \) 23 \(\phi 47 \) 23 \(\phi 36 \) 23 \(\phi 25 \) | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 27111 | 18\(\alpha\) 11 17\(\alpha\) 52 17\(\alpha\) 32 17\(\alpha\) 11 16\(\alpha\) 49 16\(\alpha\) 26 16\(\alpha\) 01 15\(\alpha\) 35 15\(\alpha\) 08 14\(\alpha\) 08 13\(\alpha\) 34 | 26 m 08 25 m 59 25 m 50 25 m 40 25 m 30 25 m 20 25 m 10 25 m 10 25 m 00 24 m 49 24 m 38 24 m 26 24 m 15 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 28104 | 19.04 19.02 19.00 18.04 18.02 17.04 17.01 16.05 16.02 15.05 15.02 14.05 |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S | 24\(\psi\)04 23\(\psi\)55 23\(\psi\)46 23\(\psi\)36 23\(\psi\)27 23\(\psi\)17 23\(\psi\)07 22\(\psi\)57 22\(\psi\)46 | 14848 14824 13858 13832 13806 12839 12811 11843 11814 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 | 5922 4937 3950 3901 2910 1918 0923 29125 28125 27123 | 16 \(\alpha\)40 16 \(\alpha\)19 15 \(\alpha\)5 \(\alpha\)5 \(\alpha\)12 14 \(\alpha\)47 14 \(\alpha\)21 13 \(\alpha\)53 13 \(\alpha\)23 12 \(\alpha\)52 12 \(\alpha\)18 11 \(\alpha\)42 | 25 \(\phi \) 06 24 \(\phi \) 57 24 \(\phi \) 47 24 \(\phi \) 38 24 \(\phi \) 28 24 \(\phi \) 19 24 \(\phi \) 8 23 \(\phi \) 58 23 \(\phi \) 47 23 \(\phi \) 36 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 29 8 00 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 | 18\(\alpha\) 11 17\(\alpha\) 52 17\(\alpha\) 32 17\(\alpha\) 16\(\alpha\) 49 16\(\alpha\) 26 16\(\alpha\) 01 15\(\alpha\) 35 15\(\alpha\) 08 14\(\alpha\) 39 14\(\alpha\) 08 | 26 \(\psi \) 08 25 \(\psi \) 59 25 \(\psi \) 40 25 \(\psi \) 30 25 \(\psi \) 25 \(\psi \) 10 25 \(\psi \) 00 24 \(\psi \) 49 24 \(\psi \) 38 24 \(\psi \) 26 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 | 19.04 19.02 19.00 18.04 18.02 17.04 17.01 16.05 16.02 15.05 14.05 |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S 55S 56S | 24 \(\psi 04 \) 23 \(\psi 55 \) 23 \(\psi 46 \) 23 \(\psi 27 \) 23 \(\psi 17 \) 23 \(\psi 07 \) 22 \(\psi 57 \) 22 \(\psi 46 \) 22 \(\psi 35 \) 22 \(\psi 23 \) | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 28 8 19 27 8 26 26 8 31 | 5922 4937 3950 3901 2910 1918 0923 29125 28125 27123 26118 25109 | 16 \(\alpha\)40 16 \(\alpha\)15 \(\alpha\)5 \(\alpha\)5 \(\alpha\)3 \(\alpha\)5 \(\alpha\)15 \(\alpha\)15 \(\alpha\)15 \(\alpha\)12 \(\alpha\)14 \(\alpha\)21 13 \(\alpha\)53 13 \(\alpha\)23 12 \(\alpha\)52 12 \(\alpha\)18 | 25 \cdot 06 24 \cdot 57 24 \cdot 47 24 \cdot 38 24 \cdot 28 24 \cdot 19 24 \cdot 08 23 \cdot 58 23 \cdot 47 23 \cdot 36 23 \cdot 25 23 \cdot 13 23 \cdot 01 22 \cdot 48 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 | 6920 5934 4947 3958 3907 2914 1918 0920 291120 28117 27111 26101 | 18 \(11 \) 17 \(0.52 \) 17 \(0.32 \) 17 \(0.11 \) 16 \(0.49 \) 16 \(0.26 \) 16 \(0.01 \) 15 \(0.35 \) 15 \(0.08 \) 14 \(0.08 \) 13 \(0.34 \) 12 \(0.59 \) | 26 m 08 25 m 59 25 m 40 25 m 30 25 m 20 25 m 10 25 m 10 25 m 10 24 m 49 24 m 38 24 m 26 24 m 15 24 m 02 23 m 50 23 m 37 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 12809 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 29 8 4 2 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 28104 26154 | 19.04 19.02 19.00 18.04 18.02 17.04 17.01 16.05 16.02 15.05 15.02 14.05 14.01 13.03 12.05 |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S | 24Y04 23Y55 23Y46 23Y36 23Y27 23Y17 23Y07 22Y57 22Y46 22Y35 22Y23 22Y12 21Y59 21Y47 | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 10813 9841 9808 8835 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 28 8 19 27 8 26 26 8 31 25 8 34 | 5 \$ 22 4 \$ 37 3 \$ 50 3 \$ 01 2 \$ 10 1 \$ 18 0 \$ 23 2 9 1 2 5 2 8 1 2 5 2 7 1 2 3 2 6 1 1 8 2 5 1 0 9 2 3 1 5 7 2 2 1 1 2 3 | 16.0.40 16.0.19 15.0.58 15.0.36 15.0.12 14.0.47 14.0.21 13.0.53 13.0.23 12.0.52 12.0.18 11.0.04 10.0.22 9.0.38 | 25 m 06 24 m 57 24 m 47 24 m 38 24 m 28 24 m 19 24 m 08 23 m 58 23 m 47 23 m 36 23 m 25 23 m 13 23 m 01 22 m 48 22 m 35 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 10855 10823 9850 9815 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 29 8 00 28 8 06 27 8 10 26 8 13 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 27111 26101 24149 23133 22113 | 18 \(11 \) 17 \(13 \) 17 \(13 \) 17 \(13 \) 17 \(13 \) 16 \(14 \) 16 \(26 \) 16 \(16 \) 15 \(13 \) 15 \(10 \) 15 \(13 \) 14 \(10 \) 16 \(13 \) 14 \(10 \) 16 \(13 \) 17 \(13 \) 18 \(11 \) 17 \(13 \) 18 \(11 \) 18 \(11 \) 17 \(13 \) 18 \(11 \) 18 \(11 \) 17 \(13 \) 18 \(11 \) 18 \(11 \) 18 \(11 \) 18 \(11 \) 18 \(11 \) 18 \(11 \) 18 \(11 \) 16 \(14 \) 18 \(11 \) 18 \(11 \) 16 \(14 \) 18 \(11 \) 18 \(11 \) 16 \(14 \) 18 \(13 \) 18 \(| 26 m 08 25 m 59 25 m 40 25 m 30 25 m 20 25 m 10 25 m 10 25 m 10 24 m 49 24 m 38 24 m 26 24 m 15 24 m 02 23 m 50 23 m 37 23 m 23 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 12809 11837 11804 10831 9856 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 29 8 42 28 8 47 27 8 50 26 8 52 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 28104 26154 25141 24124 23103 | 19.04 19.02 19.00 18.04 18.02 17.04 17.01 16.05 16.02 15.05 15.02 14.05 14.01 13.03 12.05 12.01 |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S | 24Y04 23Y55 23Y46 23Y36 23Y27 23Y17 23Y07 22Y57 22Y46 22Y35 22Y23 22Y12 21Y59 | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 10813 9841 9808 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 28 8 19 27 8 26 26 8 31 | 5 \$ 22 4 \$ 37 3 \$ 50 3 \$ 01 2 \$ 10 1 \$ 18 0 \$ 23 2 9 \$ 12 5 2 7 \$ 12 3 2 6 \$ 11 8 2 5 \$ 10 9 2 3 \$ 15 7 2 2 \$ 14 2 \$ 10 9 \$ 10 9 1 \$ 10 9 9 1 \$ 10 9 9 1 \$ 10 9 9 1 \$ 10 9 9 9 1 \$ 10 9 9 9 1 \$ 10 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 16.0.40 16.0.19 15.0.58 15.0.36 15.0.12 14.0.47 14.0.21 13.0.53 13.0.23 12.0.52 12.0.18 11.0.04 10.0.22 | 25 m 06 24 m 57 24 m 47 24 m 38 24 m 28 24 m 19 24 m 08 23 m 58 23 m 47 23 m 36 23 m 25 23 m 13 23 m 01 22 m 48 22 m 35 22 m 21 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 10855 10823 9850 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 29 8 00 28 8 06 27 8 10 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 27111 261101 24149 23133 | 18 \(\alpha \) 11 17 \(\alpha \) 52 17 \(\alpha \) 32 17 \(\alpha \) 11 16 \(\alpha \) 49 16 \(\alpha \) 26 16 \(\alpha \) 01 15 \(\alpha \) 35 15 \(\alpha \) 8 14 \(\alpha \) 8 13 \(\alpha \) 4 12 \(\alpha \) 9 12 \(\alpha \) 21 11 \(\alpha \) 40 | 26 m 08 25 m 59 25 m 40 25 m 40 25 m 20 25 m 10 25 m 10 25 m 10 25 m 10 24 m 49 24 m 15 24 m 15 24 m 02 23 m 50 23 m 37 23 m 23 23 m 23 23 m 20 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 12809 11837 11804 10831 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 29 8 42 28 8 47 27 8 50 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 28104 26154 25141 24124 | 19.04: 19.02: 19.00: 18.04: 18.02: 18.00: 17.04: 16.05: 16.02: 15.05: 14.01: 13.03: 12.05: 12.01: |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S 55S 56S 57S 58S 59S 60S | 24Y04 23Y55 23Y46 23Y36 23Y27 23Y17 23Y07 22Y57 22Y46 22Y35 22Y12 21Y59 21Y47 21Y34 21Y20 | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 10813 9841 9808 8835 8800 7824 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 28 8 19 27 8 26 26 8 31 25 8 34 24 8 35 23 8 34 | 5 \$ 22 4 \$ 37 3 \$ 50 3 \$ 01 2 \$ 10 1 \$ 18 0 \$ 23 2 9 1 2 5 2 8 1 2 5 2 7 1 2 3 2 6 1 1 8 2 5 1 0 9 2 3 1 5 7 2 2 1 1 2 3 2 0 1 1 1 8 1 3 4 | 16.0.40 16.0.19 15.0.58 15.0.36 15.0.12 14.0.47 14.0.21 13.0.53 13.0.23 12.0.52 12.0.18 11.0.04 10.0.22 9.0.38 8.0.50 7.0.57 | 25 \cdot 06 24 \cdot 57 24 \cdot 47 24 \cdot 38 24 \cdot 28 24 \cdot 19 24 \cdot 08 23 \cdot 58 23 \cdot 47 23 \cdot 36 23 \cdot 25 23 \cdot 13 23 \cdot 01 22 \cdot 48 22 \cdot 25 22 \cdot 21 22 \cdot 07 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 10855 10823 9850 9815 8840 8804 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 29 8 00 28 8 06 27 8 10 26 8 13 25 8 13 24 8 11 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 27111 26101 24149 23133 22113 20149 19121 | 18 \(11 \) 17 \(13 \) 17 \(13 \) 17 \(13 \) 17 \(11 \) 16 \(14 \) 16 \(16 \) 16 \(16 \) 15 \(13 \) 15 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 14 \(10 \) 16 \(10 \) 17 | 26 m 08 25 m 59 25 m 40 25 m 40 25 m 20 25 m 10 25 m 10 25 m 10 25 m 10 24 m 49 24 m 15 24 m 15 24 m 12 23 m 50 23 m 37 23 m 23 23 m 99 22 m 54 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 12809 11837 11804 10831 9856 9820 8843 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 29 8 42 28 8 47 27 8 50 26 8 52 25 8 51 24 8 48 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 28104 26154 25141 24124 23103 21138 20109 | 19.0.4 19.0.2 19.0.0 18.0.4 17.0.4 17.0.1 16.0.5 16.0.2 15.0.5 15.0.2 14.0.5 14.0.1 13.0.3 12.0.5 12.0.1 11.0.2 10.0.3 |
| 46S 47S 48S 49S 50S 51S 52S 53S 54S 55S 55S 56S 57S 58S 59S 60S 61S | 24Y04 23Y55 23Y46 23Y36 23Y27 23Y17 22Y57 22Y46 22Y35 22Y23 22Y12 21Y59 21Y47 21Y34 21Y20 21Y06 | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 10813 9841 9808 8835 8800 7824 6847 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 28 8 19 27 8 26 26 8 31 25 8 34 24 8 35 23 8 34 22 8 31 | 5 \$ 22 4 \$ 37 3 \$ 50 3 \$ 01 2 \$ 10 1 \$ 18 0 \$ 23 2 9 1 2 5 2 8 1 2 5 2 7 1 2 3 2 6 1 1 8 2 5 1 0 9 2 3 1 5 7 2 2 1 1 2 3 2 0 1 0 1 1 8 1 3 4 1 7 1 1 0 2 | 16.0.40 16.0.19 15.0.58 15.0.36 15.0.12 14.0.47 14.0.21 13.0.53 12.0.52 12.0.18 11.0.04 10.0.22 9.0.38 8.0.50 7.0.57 7.0.00 | 25 m 06 24 m 57 24 m 47 24 m 38 24 m 28 24 m 19 24 m 08 23 m 58 23 m 47 23 m 36 23 m 25 23 m 13 23 m 01 22 m 48 22 m 35 22 m 21 22 m 07 21 m 52 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 10855 10823 9850 9815 8840 8804 7826 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 8 53 29 8 00 28 8 06 27 8 10 26 8 13 25 8 13 24 8 11 23 8 07 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 27111 26101 24149 23133 22113 20149 19121 17148 | 18 \(11 \) 17 \(13 \) 17 \(13 \) 17 \(13 \) 17 \(11 \) 16 \(14 \) 16 \(16 \) 16 \(16 \) 15 \(13 \) 15 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(10 \) 16 \(10 \) 17 \(10 \) 17 \(10 \) 18 \(12 \) 17 \(10 \) 18 \(12 \) 18 \(12 \) 18 \(13 \) 18 \(13 \) 18 \(13 \) 18 \(14 \) 19 \(15 \) 10 \(15 \) 10 \(| 26 m 08 25 m 59 25 m 40 25 m 30 25 m 20 25 m 10 25 m 10 25 m 10 25 m 10 24 m 49 24 m 15 24 m 15 24 m 12 23 m 50 23 m 37 23 m 23 23 m 9 22 m 54 22 m 39 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 12809 11837 11804 10831 9856 9820 8843 8804 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 29 8 42 28 8 47 27 8 50 26 8 52 25 8 51 24 8 48 23 8 43 | 8945 8902 7918 6932 5945 4955 4904 3910 2914 1916 0915 29111 28104 26154 25141 24124 23103 21138 20109 18134 | 19.04 19.02 19.00 18.04 18.02 17.04 17.01 16.05 16.02 15.05 15.02 14.05 12.05 12.01 11.02 10.03 |
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| 46S 47S 48S 49S 50S 51S 52S 53S 54S 56S 57S 56S 66S 66S 66S 66S 66S 66S 66S | 24Y04 23Y55 23Y46 23Y36 23Y27 23Y17 22Y57 22Y46 22Y35 22Y12 21Y59 21Y47 21Y34 21Y20 21Y06 20Y51 20Y36 20Y19 20Y02 | 14848 14824 13858 13832 13806 12839 12811 11843 11814 10844 10813 9841 9808 8835 8800 7824 6847 6809 5829 4848 4806 | 6 II 36 5 II 56 5 II 16 4 II 34 3 II 52 3 II 08 2 II 24 1 II 37 0 II 50 0 II 01 29 8 11 28 8 19 27 8 26 26 8 31 25 8 34 24 8 35 23 8 34 22 8 31 21 8 26 20 8 18 19 8 08 17 8 56 | 5 \$ 22 4 \$ 37 3 \$ 50 3 \$ 01 2 \$ 10 1 \$ 18 0 \$ 23 2 9 1 2 5 2 8 1 2 5 2 7 1 2 3 2 6 1 1 8 2 3 1 2 0 1 1 1 8 1 3 4 1 7 1 1 0 2 1 5 1 2 6 1 3 1 4 5 1 1 1 1 5 9 1 0 1 0 7 | 16.0.40 16.0.19 15.0.58 15.0.36 15.0.12 14.0.47 14.0.21 13.0.53 13.0.23 12.0.52 12.0.18 11.0.04 10.0.22 9.0.38 8.0.50 7.0.57 7.0.00 5.0.58 4.0.50 3.0.35 2.0.11 | 25 m 06 24 m 57 24 m 47 24 m 38 24 m 28 24 m 19 24 m 08 23 m 58 23 m 47 23 m 36 23 m 25 23 m 13 23 m 01 22 m 48 22 m 35 22 m 21 22 m 07 21 m 52 21 m 37 21 m 21 21 m 04 20 m 47 | 16800 15835 15810 14844 14818 13851 13824 12855 12826 11857 11826 10855 10823 9850 9815 8840 8804 7826 6847 6806 5825 4841 | 7 II 23 6 II 43 6 II 02 5 II 21 4 II 38 3 II 53 3 II 08 2 II 21 1 II 33 0 II 44 29 853 29 800 28 806 27 810 26 813 25 813 24 811 23 807 22 801 20 852 19 841 18 828 | 6920 5934 4947 3958 3907 2914 1918 0920 29120 28117 27111 26101 24149 23133 22113 20149 19121 17148 16110 14128 12140 10146 | 18 \(11 \) 17 \(13 \) 17 \(13 \) 17 \(13 \) 17 \(13 \) 16 \(14 \) 16 \(16 \) 16 \(16 \) 15 \(13 \) 15 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 15 \(13 \) 14 \(10 \) 15 \(13 \) 15 \(13 \) 14 \(13 \) 15 \(| 26 m 08 25 m 59 25 m 40 25 m 40 25 m 20 25 m 10 25 m 10 25 m 10 25 m 10 24 m 49 24 m 15 24 m 15 24 m 12 23 m 50 23 m 37 23 m 23 23 m 23 22 m 23 22 m 23 22 m 17 21 m 49 21 m 31 | 17811 16847 16822 15856 15830 15804 14836 14808 13840 13810 12840 12809 11837 11804 10831 9856 9820 8843 8804 7825 6843 6801 5817 | 8 II 50 8 II 11 7 II 31 6 II 49 6 II 07 5 II 23 4 II 39 3 II 53 3 II 06 2 II 17 1 II 27 0 II 35 29 8 42 28 8 47 27 8 50 26 8 52 25 8 51 24 8 48 23 8 43 22 8 3 6 21 8 27 20 8 14 19 8 00 | 8 \$ 45 8 \$ 02 7 \$ 18 6 \$ 32 5 \$ 45 4 \$ 55 4 \$ 04 3 \$ 10 2 \$ 14 1 \$ 16 0 \$ 15 2 \$ 11 2 \$ 104 2 6 11 54 2 5 11 41 2 4 11 2 4 2 3 11 38 2 0 11 09 1 8 11 3 4 1 6 11 55 1 5 11 11 1 3 11 2 1 1 1 11 2 5 | 19.042 19.024 19.005 18.043 17.040 17.016 16.023 15.055 15.024 14.013 12.059 12.016 11.029 10.033 9.042 8.041 7.033 6.019 |
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