

Astrodienst Ephemeris Tables from the year 3450 for 50 years

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPH

JANUARY 3450 00:00 UT

| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)Å(| ¥ | В | n | Ω | ţ | , k | Day |
|------|---------|----------|----------------|----------------|-----------------|---------------|-----------------|----------------|--------------|-----------------|-----------------|--------------------------|----------------|----------------|--------------|------|
| T 1 | 6 43 40 | 10ට 3'56 | 9 M 8 | 29중32 | 28 M .39 | 15≈56 | 4°R14 | 8°R52 | 2°R 3 | 12 × 756 | 28°R17 | 10°R12 | 11 mp 5 | 10 M 32 | 5≈18 | T 1 |
| W 2 | 6 47 37 | 11° 4'48 | 21° 1 | 0≈50 | 29°50 | 16°42 | 4 Mp 12 | 8 m 51 | 2 I 1 | 12°58 | 28 m)17 | 10 m) 6 | 11° 2 | 10°38 | 5°23 | W 2 |
| T 3 | 6 51 34 | 12° 5'42 | 3 ∡ 7 0 | 2° 5 | 1 / 7 1 | 17°29 | 4° 9 | 8°50 | 1°59 | 13° 0 | 28°17 | 9°57 | 10°59 | 10°45 | 5°28 | T 3 |
| F 4 | 6 55 30 | 13° 6'37 | 15°10 | 3°18 | 2°12 | 18°15 | 4° 7 | 8°48 | 1°58 | 13° 2 | 28°17 | 9°46 | 10°56 | 10°52 | 5°34 | F 4 |
| S 5 | 6 59 27 | 14° 7'33 | 27°30 | 4°27 | 3°24 | 19° 2 | 4° 4 | 8°46 | 1°56 | 13° 4 | 28°16 | 9°35 | 10°52 | 10°58 | 5°39 | S 5 |
| S 6 | 7 3 23 | 15° 8'29 | 10ට 3 | 5°34 | 4°35 | 19°48 | 4° 1 | 8°44 | 1°54 | 13° 6 | 28°16 | 9°24 | 10°49 | 11° 5 | 5°44 | S 6 |
| M 7 | 7 7 20 | 16° 9'27 | 22°49 | 6°35 | 5°47 | 20°35 | 3°57 | 8°43 | 1°53 | 13° 8 | 28°16 | 9°15 | 10°46 | 11°12 | 5°50 | M 7 |
| T 8 | 7 11 16 | 17°10'25 | 5≈47 | 7°33 | 6°58 | 21°22 | 3°54 | 8°40 | 1°51 | 13°10 | 28°16 | 9° 8 | 10°43 | 11°19 | 5°55 | T 8 |
| W 9 | 7 15 13 | 18°11'24 | 18°56 | 8°24 | 8°10 | 22° 9 | 3°50 | 8°38 | 1°50 | 13°12 | 28°15 | 9° 4 | 10°40 | 11°25 | 6° 1 | W 9 |
| T 10 | 7 19 10 | 19°12'24 | 2) 17 | 9°10 | 9°22 | 22°55 | 3°46 | 8°36 | 1°48 | 13°13 | 28°15 | 9° 2 | 10°37 | 11°32 | 6° 6 | T 10 |
| F 11 | 7 23 6 | 20°13'23 | 15°47 | 9°48 | 10°34 | 23°42 | 3°42 | 8°34 | 1°47 | 13°15 | 28°15 | 9°D 1 | 10°33 | 11°39 | 6°11 | F 11 |
| S 12 | 7 27 3 | 21°14'23 | 29°28 | 10°19 | 11°46 | 24°29 | 3°38 | 8°31 | 1°45 | 13°17 | 28°14 | 9° 3 | 10°30 | 11°45 | 6°17 | S 12 |
| S 13 | 7 30 59 | 22°15'24 | 13 Y 20 | 10°41 | 12°58 | 25°16 | 3°34 | 8°29 | 1°44 | 13°19 | 28°14 | 9° 4 | 10°27 | 11°52 | 6°22 | S 13 |
| M14 | 7 34 56 | 23°16'25 | 27°23 | 10°53 | 14°10 | 26° 3 | 3°29 | 8°26 | 1°43 | 13°21 | 28°13 | 9°R 4 | 10°24 | 11°59 | 6°28 | M14 |
| T 15 | 7 38 52 | 24°17'26 | 11835 | 10°R54 | 15°23 | 26°50 | 3°24 | 8°23 | 1°42 | 13°23 | 28°13 | 9° 2 | 10°21 | 12° 5 | 6°33 | T 15 |
| W16 | 7 42 49 | 25°18'27 | 25°55 | 10°45 | 16°35 | 27°37 | 3°19 | 8°21 | 1°40 | 13°25 | 28°13 | 8°59 | 10°18 | 12°12 | 6°39 | W16 |
| T 17 | 7 46 45 | 26°19'28 | 10∏20 | 10°23 | 17°47 | 28°24 | 3°14 | 8°18 | 1°39 | 13°26 | 28°12 | 8°54 | 10°14 | 12°19 | 6°45 | T 17 |
| F 18 | 7 50 42 | 27°20'30 | 24°45 | 9°50 | 19° 0 | 29°11 | 3° 9 | 8°15 | 1°38 | 13°28 | 28°11 | 8°47 | 10°11 | 12°26 | 6°50 | F 18 |
| S 19 | 7 54 39 | 28°21'32 | 9 9 5 | 9° 5 | 20°12 | 29°58 | 3° 4 | 8°12 | 1°37 | 13°30 | 28°11 | 8°41 | 10° 8 | 12°32 | 6°56 | S 19 |
| S 20 | 7 58 35 | 29°22'34 | 23°13 | 8° 9 | 21°25 | 0 ∺ 45 | 2°58 | 8° 8 | 1°36 | 13°31 | 28°10 | 8°34 | 10° 5 | 12°39 | 7° 1 | S 20 |
| M21 | 8 2 32 | 0≈23'36 | 7Ω 5 | 7° 4 | 22°38 | 1°32 | 2°53 | 8° 5 | 1°35 | 13°33 | 28°10 | 8°29 | 10° 2 | 12°46 | 7° 7 | M21 |
| T 22 | 8 6 28 | 1°24'38 | 20°36 | 5°51 | 23°50 | 2°19 | 2°47 | 8° 2 | 1°34 | 13°35 | 28° 9 | 8°26 | 9°58 | 12°52 | 7°12 | T 22 |
| W23 | 8 10 25 | 2°25'41 | 3 Mp 46 | 4°33 | 25° 3 | 3° 6 | 2°41 | 7°58 | 1°33 | 13°36 | 28° 8 | 8°D24 | 9°55 | 12°59 | 7°18 | W23 |
| T 24 | 8 14 21 | 3°26'44 | 16°35 | 3°12 | 26°16 | 3°54 | 2°35 | 7°55 | 1°33 | 13°38 | 28° 7 | 8°25 | 9°52 | 13° 6 | 7°24 | T 24 |
| F 25 | 8 18 18 | 4°27'48 | 29° 4 | 1°50 | 27°29 | 4°41 | 2°29 | 7°51 | 1°32 | 13°40 | 28° 7 | 8°26 | 9°49 | 13°13 | 7°29 | F 25 |
| S 26 | 8 22 14 | 5°28'52 | 11 ≏ 17 | 0°31 | 28°42 | 5°28 | 2°22 | 7°47 | 1°31 | 13°41 | 28° 6 | 8°28 | 9°46 | 13°19 | 7°35 | S 26 |
| S 27 | 8 26 11 | 6°29'56 | 23°17 | 29 궁 17 | 29°55 | 6°15 | 2°16 | 7°44 | 1°30 | 13°43 | 28° 5 | 8°29 | 9°43 | 13°26 | 7°40 | S 27 |
| M28 | 8 30 8 | 7°31'01 | 5 m 11 | 28° 9 | 1중 8 | 7° 2 | 2° 9 | 7°40 | 1°30 | 13°44 | 28° 4 | 8°R30 | 9°39 | 13°33 | 7°46 | M28 |
| T 29 | 8 34 4 | 8°32'05 | 17° 2 | 27°10 | 2°21 | 7°50 | 2° 2 | 7°36 | 1°29 | 13°46 | 28° 3 | 8°30 | 9°36 | 13°39 | 7°52 | T 29 |
| W30 | 8 38 1 | 9°33'11 | 28°56 | 26°20 | 3°35 | 8°37 | 1°55 | 7°32 | 1°29 | 13°47 | 28° 3 | 8°28 | 9°33 | 13°46 | 7°57 | W30 |
| T 31 | 8 41 57 | 10≈34'16 | 10 ∡ 57 | 25 る 40 | 4 궁 48 | 9 ∺ 24 | 1 M) 48 | 7 m /28 | 1Ⅱ28 | 13 ×7 49 | 28M) 2 | 8 m ₂₅ | 9 m y30 | 13 M 53 | 8 ≈ 3 | T 31 |

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| Day | Sid.t | 0 | Ŋ | φ | φ | δ | 4 | ħ |)ұ(| ¥ | 2 | F | c | ţ | ď | Day |
|------|----------|--------------------|------------------|----------------|--------------|-----------------|----------------|---------------|----------------|-----------------|----------------|----------------|----------------|----------------|-------|------|
| F 1 | 8 45 54 | 11≈35'21 | 23×10 | 25°R10 | 6 ට 1 | 10) (11 | 1°R41 | 7°R24 | 1°R28 | 13 ×7 50 | 28°R 1 | 8°R21 | 9 m 27 | 13 M 59 | 8≈ 8 | F 1 |
| S 2 | 8 49 50 | 12°36'27 | 5 云 37 | 24 궁 50 | 7°15 | 10°59 | 1 m 34 | 7 m 20 | 1 Ⅱ 27 | 13°51 | 28Mp 0 | 8 M p17 | 9°24 | 14° 6 | 8°14 | S 2 |
| S 3 | 8 53 47 | 13°37'33 | 18°20 | 24°39 | 8°28 | 11°46 | 1°27 | 7°15 | 1°27 | 13°53 | 27°59 | 8°12 | 9°20 | 14°13 | 8°20 | S 3 |
| M 4 | 8 57 43 | 14°38'38 | 1≈22 | 24°D38 | 9°41 | 12°33 | 1°19 | 7°11 | 1°27 | 13°54 | 27°58 | 8° 9 | 9°17 | 14°20 | 8°25 | M 4 |
| T 5 | 9 1 40 | 15°39'43 | 14°40 | 24°45 | 10°55 | 13°21 | 1°12 | 7° 7 | 1°27 | 13°55 | 27°57 | 8° 6 | 9°14 | 14°26 | 8°31 | T 5 |
| W 6 | 9 5 3 7 | 16°40'48 | 28°13 | 24°59 | 12° 8 | 14° 8 | 1° 4 | 7° 2 | 1°27 | 13°57 | 27°56 | 8° 4 | 9°11 | 14°33 | 8°36 | W 6 |
| T 7 | 9 9 33 | 17°41'53 | 12) 1 | 25°21 | 13°22 | 14°56 | 0°57 | 6°58 | 1°26 | 13°58 | 27°55 | 8°D 4 | 9° 8 | 14°40 | 8°42 | T 7 |
| F 8 | 9 13 30 | 18°42'57 | 25°58 | 25°50 | 14°36 | 15°43 | 0°49 | 6°53 | 1°D26 | 13°59 | 27°53 | 8° 5 | 9° 4 | 14°46 | 8°47 | F 8 |
| S 9 | 9 17 26 | 19°44'00 | 10 ° 3 | 26°24 | 15°49 | 16°30 | 0°41 | 6°49 | 1°26 | 14° 0 | 27°52 | 8° 6 | 9° 1 | 14°53 | 8°53 | S 9 |
| S 10 | 9 21 23 | 20°45'03 | 24°13 | 27° 4 | 17° 3 | 17°18 | 0°34 | 6°44 | 1°26 | 14° 1 | 27°51 | 8° 8 | 8°58 | 15° 0 | 8°59 | S 10 |
| M11 | 9 25 19 | 21°46'05 | 8824 | 27°48 | 18°16 | 18° 5 | 0°26 | 6°40 | 1°27 | 14° 3 | 27°50 | 8° 9 | 8°55 | 15° 7 | 9° 4 | M11 |
| T 12 | 9 29 16 | 22°47'07 | 22°36 | 28°37 | 19°30 | 18°53 | 0°18 | 6°35 | 1°27 | 14° 4 | 27°49 | 8°R 9 | 8°52 | 15°13 | 9° 9 | T 12 |
| W13 | 9 33 12 | 23°48'07 | 6 Ⅱ 45 | 29°29 | 20°44 | 19°40 | 0°10 | 6°30 | 1°27 | 14° 5 | 27°48 | 8° 9 | 8°49 | 15°20 | 9°15 | W13 |
| T 14 | 9 37 9 | 24°49'07 | 20°50 | 0≈25 | 21°58 | 20°27 | 0° 2 | 6°26 | 1°27 | 14° 6 | 27°46 | 8° 8 | 8°45 | 15°27 | 9°20 | T 14 |
| F 15 | 9 41 6 | 25°50'06 | 49548 | 1°25 | 23°11 | 21°15 | 29 Ω 54 | 6°21 | 1°28 | 14° 7 | 27°45 | 8° 6 | 8°42 | 15°33 | 9°26 | F 15 |
| S 16 | 9 45 2 | 26°51'04 | 18°37 | 2°27 | 24°25 | 22° 2 | 29°46 | 6°16 | 1°28 | 14° 8 | 27°44 | 8° 5 | 8°39 | 15°40 | 9°31 | S 16 |
| S 17 | 9 48 59 | 27°52'01 | 2 Ω 16 | 3°32 | 25°39 | 22°49 | 29°38 | 6°11 | 1°28 | 14° 9 | 27°43 | 8° 3 | 8°36 | 15°47 | 9°37 | S 17 |
| M18 | 9 52 55 | 28°52'57 | 15°41 | 4°39 | 26°53 | 23°37 | 29°30 | 6° 6 | 1°29 | 14°10 | 27°41 | 8° 2 | 8°33 | 15°54 | 9°42 | M18 |
| T 19 | 9 56 52 | 29°53'53 | 28°52 | 5°48 | 28° 7 | 24°24 | 29°22 | 6° 2 | 1°29 | 14°10 | 27°40 | 8° 2 | 8°30 | 16° 0 | 9°47 | T 19 |
| W20 | 10 0 48 | 0) € 54'47 | 11 m) 47 | 6°59 | 29°21 | 25°12 | 29°14 | 5°57 | 1°30 | 14°11 | 27°39 | 8°D 1 | 8°26 | 16° 7 | 9°53 | W20 |
| T 21 | 10 4 45 | 1°55'41 | 24°26 | 8°12 | 0≈35 | 25°59 | 29° 6 | 5°52 | 1°31 | 14°12 | 27°37 | 8° 2 | 8°23 | 16°14 | 9°58 | T 21 |
| F 22 | 10 8 41 | 2°56'34 | 6 ₽ 51 | 9°27 | 1°49 | 26°46 | 28°58 | 5°47 | 1°31 | 14°13 | 27°36 | 8° 2 | 8°20 | 16°20 | 10° 3 | F 22 |
| S 23 | 10 12 38 | 3°57'26 | 19° 2 | 10°43 | 3° 3 | 27°34 | 28°50 | 5°42 | 1°32 | 14°14 | 27°35 | 8° 3 | 8°17 | 16°27 | 10° 8 | S 23 |
| S 24 | 10 16 35 | 4°58'18 | 1 M 3 | 12° 1 | 4°17 | 28°21 | 28°42 | 5°37 | 1°33 | 14°14 | 27°33 | 8° 3 | 8°14 | 16°34 | 10°14 | S 24 |
| M25 | 10 20 31 | 5°59'09 | 12°58 | 13°20 | 5°31 | 29° 8 | 28°34 | 5°32 | 1°34 | 14°15 | 27°32 | 8° 3 | 8°10 | 16°41 | 10°19 | M25 |
| T 26 | 10 24 28 | 6°59'59 | 24°50 | 14°40 | 6°45 | 29°56 | 28°26 | 5°27 | 1°34 | 14°16 | 27°30 | 8° 4 | 8° 7 | 16°47 | 10°24 | T 26 |
| W27 | 10 28 24 | 8° 0'49 | 6 ₹ 143 | 16° 2 | 7°59 | 0 Υ 43 | 28°18 | 5°22 | 1°35 | 14°16 | 27°29 | 8° 4 | 8° 4 | 16°54 | 10°29 | W27 |
| T 28 | 10 32 21 | 9 米 1'38 | 18 ∡ 744 | 17≈25 | 9≈13 | 1 Y 30 | 28 Ω 11 | 5 m 18 | 1 II 36 | 14 × 17 | 27 m 28 | 8Mp 4 | 8 m) 1 | 17 M 1 | 10≈34 | T 28 |

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|--------------|----------------------|------------------------------|-------------------------------|------------------------|----------------|----------------|----------------|--------------|----------------|-----------------|----------------|---------------|---------------|----------------|----------------|--------------|
| F 1 | 10 36 17 | 10₩ 2'26 | 0 ට 555 | 18≈48 | 10≈27 | 2 Υ 18 | 28°R 3 | 5°R13 | 1 I I37 | 14 × 17 | 27°R26 | 8 Mp 4 | 7 m 58 | 17 m 7 | 10≈39 | F 1 |
| S 2 | 10 40 14 | 11° 3'13 | 13°22 | 20°13 | 11°41 | 3° 5 | 27 Ω 55 | 5Mp 8 | 1°39 | 14°18 | 27 m 25 | 8° 4 | 7°55 | 17°14 | 10°44 | S 2 |
| S 3 | 10 44 10 | 12° 3'59 | 26° 9 | 21°39 | 12°56 | 3°52 | 27°48 | 5° 3 | 1°40 | 14°18 | 27°23 | 8° 4 | 7°51 | 17°21 | 10°49 | S 3 |
| M 4 | 10 48 7 | 13° 4'45 | 9≈16 | 23° 6 | 14°10 | 4°40 | 27°40 | 4°58 | 1°41 | 14°19 | 27°22 | 8° 5 | 7°48 | 17°28 | 10°54 | M 4 |
| T 5 | 10 52 4 | 14° 5'29 | 22°47 | 24°34 | 15°24 | 5°27 | 27°33 | 4°53 | 1°42 | 14°19 | 27°20 | 8° 5 | 7°45 | 17°34 | 10°59 | T 5 |
| W 6 | 10 56 0 | 15° 6'12 | 6 ∺ 39 | 26° 3 | 16°38 | 6°14 | 27°25 | 4°48 | 1°43 | 14°19 | 27°19 | 8°R 5 | 7°42 | 17°41 | 11° 4 | W 6 |
| T 7 | 10 59 57 | 16° 6'54 | 20°51 | 27°32 | 17°52 | 7° 1 | 27°18 | 4°44 | 1°45 | 14°20 | 27°17 | 8° 5 | 7°39 | 17°48 | 11° 9 | T 7 |
| F 8 | 11 3 53 | 17° 7'35 | 5 Υ 17 | 29° 3 | 19° 7 | 7°49 | 27°11 | 4°39 | 1°46 | 14°20 | 27°16 | 8° 5 | 7°35 | 17°54 | 11°14 | F 8 |
| S 9 | 11 7 50 | 18° 8'14 | 19°52 | 0) €34 | 20°21 | 8°36 | 27° 4 | 4°34 | 1°48 | 14°20 | 27°14 | 8° 4 | 7°32 | 18° 1 | 11°19 | S 9 |
| S 10 | 11 11 46 | 19° 8'52 | 4 8 30 | 2° 6 | 21°35 | 9°23 | 26°57 | 4°30 | 1°49 | 14°21 | 27°13 | 8° 2 | 7°29 | 18° 8 | 11°23 | S 10 |
| M11 | 11 15 43 | 20° 9'28 | 19° 3 | 3°40 | 22°49 | 10°10 | 26°50 | 4°25 | 1°51 | 14°21 | 27°11 | 8° 1 | 7°26 | 18°14 | 11°28 | M11 |
| T 12 | 11 19 39 | 21°10'03 | 3 Ⅱ 28 | 5°14 | 24° 4 | 10°57 | 26°43 | 4°20 | 1°52 | 14°21 | 27°10 | 8° 0 | 7°23 | 18°21 | 11°33 | T 12 |
| W13 | 11 23 36 | 22°10'36 | 17°41 | 6°49 | 25°18 | 11°44 | 26°37 | 4°16 | 1°54 | 14°21 | 27° 8 | 7°D59 | 7°20 | 18°28 | 11°37 | W13 |
| T 14 F 15 | 11 27 32 11 31 29 | 23°11'07 24°11'37 | 1 9 39 | 8°25 10°2 | 26°32 27°46 | 12°31 13°19 | 26°30 26°24 | 4°11 4° 7 | 1°55 1°57 | 14°21 14°21 | 27° 7 27° 5 | 7°59 8° 0 | 7°16 7°13 | 18°35 18°41 | 11°42 11°46 | T 14 F 15 |
| S 16 | 11 31 29 | 25°12'04 | 28°49 | 10° 2 11°39 | 27°46 29° 1 | 13°19 14° 6 | 26°24 26°18 | 4° 7 | 1°59 | 14°21 14°R21 | 27° 3 | 8° 1 | 7°13 | 18°41 18°48 | 11°46 11°51 | S 16 |
| | | | | | - | | | | | | | _ | | | | |
| S 17 | 11 39 22 | 26°12'30 | 12Ω 3 | 13°18 | 0 ₩15 | 14°53 | 26°11 | 3°58 | 2° 1 | 14°21 | 27° 2 | 8° 3 | 7° 7 | 18°55 | 11°55 | S 17 |
| M18 | 11 43 19 | 27°12'55 | 25° 2 | 14°58 | 1°29 | 15°40 | 26° 6 | 3°54 | 2° 3 | 14°21 | 27° 0 | 8° 4 | 7° 4 | 19° 2 | 12° 0 | M18 |
| T 19 | 11 47 15 | 28°13'17 29°13'38 | 7 M 50 20°25 | 16°38 18°20 | 2°44 3°58 | 16°27 17°13 | 26° 0 | 3°49 3°45 | 2° 5 2° 6 | 14°21 14°21 | 26°59 26°57 | 8°R 4 8° 4 | 7° 1 6°57 | 19° 8 | 12° 4 12° 8 | T 19 W20 |
| W20 T 21 | 11 51 12 11 55 8 | 29°13'38 0 Υ 13'57 | 20°23 2 <u>Ω</u> 49 | 20° 2 | 5°12 | 1/°13 | 25°54 25°48 | 3°43 | 2° 8 | 14°21 | 26°56 | 8° 4 8° 2 | 6°54 | 19°15 19°22 | 12° 8 | T 21 |
| F 22 | 11 59 5 | 1°14'15 | 15° 4 | 20°26 | 6°27 | 18°47 | 25°43 | 3°37 | 2°10 | 14°21 | 26°54 | 7°59 | 6°51 | 19°28 | 12°17 | F 22 |
| S 23 | 12 3 1 | 2°14'31 | 27°10 | 23°30 | 7°41 | 19°34 | 25°38 | 3°33 | 2°12 | 14°21 | 26°53 | 7°56 | 6°48 | 19°35 | 12°21 | S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 M25 | 12 6 58 12 10 55 | 3°14'45 4°14'58 | 9ML 8 21° 2 | 25°16 27° 2 | 8°55 10°10 | 20°21 21° 8 | 25°33 25°28 | 3°29 3°25 | 2°15 2°17 | 14°20 14°20 | 26°51 26°50 | 7°51 7°47 | 6°45 6°41 | 19°42 19°49 | 12°25 12°29 | S 24 M25 |
| T 26 | 12 10 33 | 5°15'10 | 21 2 2 × 754 | 28°50 | 10 10 11°24 | 21°55 | 25°23 | 3°21 | 2°19 | 14°20 | 26°48 | 7°42 | 6°38 | 19 49 19°55 | 12°23 | T 26 |
| W27 | 12 14 31 | 6°15'20 | 14°47 | 28 30 0 Υ 39 | 12°38 | 22°41 | 25°19 | 3°18 | 2°21 | 14°19 | 26°47 | 7°39 | 6°35 | 20° 2 | 12°37 | W27 |
| T 28 | 12 10 40 | 7°15'29 | 26°46 | 2°28 | 13°53 | 23°28 | 25°14 | 3°14 | 2°23 | 14°19 | 26°45 | 7°37 | 6°32 | 20° 9 | 12°41 | T 28 |
| F 29 | 12 26 41 | 8°15'36 | 8 공 54 | 4°19 | 15° 7 | 24°15 | 25°10 | 3°11 | 2°26 | 14°19 | 26°44 | 7°D37 | 6°29 | 20°15 | 12°44 | F 29 |
| S 30 | 12 30 37 | 9°15'42 | 21°17 | 6°11 | 16°21 | 25° 1 | 25° 6 | 3° 7 | 2°28 | 14°18 | 26°42 | 7°37 | 6°26 | 20°22 | 12°48 | S 30 |
| S 31 | 12 34 34 | 10 Y 15'46 | 3≈59 | 8 Ƴ 4 | 17 米 36 | 25 Y 48 | 25⋒ 2 | 3 Mp 4 | 2 Ц 30 | 14 ~ 18 | 26 m 41 | 7 m 39 | 6 m 22 | 20 M 29 | 12≈52 | S 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|----------------|----------------|---------------|----------------|-----------------|----------------|---------------|-----------------|-------|-------|------|
| M 1 | 12 38 30 | 11 Y 15'49 | 17≈ 4 | 9 Ƴ 58 | 18) 50 | 26 Y 35 | 24°R58 | 3°R 0 | 2 Д 33 | 14°R17 | 26°R39 | 7 m 40 | 6 m 19 | 20M36 | 12≈55 | M 1 |
| T 2 | 12 42 27 | 12°15'50 | 0 ∺ 36 | 11°53 | 20° 4 | 27°21 | 24 Ω 55 | 2 m 57 | 2°35 | 14 × 17 | 26 M 38 | 7°R42 | 6°16 | 20°42 | 12°59 | T 2 |
| W 3 | 12 46 23 | 13°15'49 | 14°34 | 13°49 | 21°19 | 28° 8 | 24°52 | 2°54 | 2°38 | 14°16 | 26°36 | 7°42 | 6°13 | 20°49 | 13° 2 | W 3 |
| T 4 | 12 50 20 | 14°15'47 | 28°58 | 15°45 | 22°33 | 28°54 | 24°48 | 2°51 | 2°40 | 14°15 | 26°35 | 7°40 | 6°10 | 20°56 | 13° 6 | T 4 |
| F 5 | 12 54 17 | 15°15'43 | 13 Y 43 | 17°43 | 23°48 | 29°41 | 24°45 | 2°48 | 2°43 | 14°15 | 26°33 | 7°36 | 6° 7 | 21° 2 | 13° 9 | F 5 |
| S 6 | 12 58 13 | 16°15'37 | 28°42 | 19°41 | 25° 2 | 0 8 27 | 24°43 | 2°45 | 2°45 | 14°14 | 26°32 | 7°31 | 6° 3 | 21° 9 | 13°13 | S 6 |
| S 7 | 13 2 10 | 17°15'29 | 13 8 47 | 21°40 | 26°16 | 1°13 | 24°40 | 2°42 | 2°48 | 14°14 | 26°30 | 7°25 | 6° 0 | 21°16 | 13°16 | S 7 |
| M 8 | 13 6 6 | 18°15'20 | 28°46 | 23°39 | 27°31 | 2° 0 | 24°38 | 2°40 | 2°51 | 14°13 | 26°29 | 7°19 | 5°57 | 21°23 | 13°19 | M 8 |
| T 9 | 13 10 3 | 19°15'08 | 13耳33 | 25°38 | 28°45 | 2°46 | 24°35 | 2°37 | 2°53 | 14°12 | 26°27 | 7°14 | 5°54 | 21°29 | 13°22 | T 9 |
| W10 | 13 13 59 | 20°14'54 | 28° 0 | 27°38 | 29°59 | 3°32 | 24°33 | 2°34 | 2°56 | 14°11 | 26°26 | 7°10 | 5°51 | 21°36 | 13°25 | W10 |
| T 11 | 13 17 56 | 21°14'38 | 1295 4 | 29°37 | 1 Υ 14 | 4°19 | 24°32 | 2°32 | 2°59 | 14°10 | 26°25 | 7° 8 | 5°47 | 21°43 | 13°28 | T 11 |
| F 12 | 13 21 52 | 22°14'20 | 25°45 | 1836 | 2°28 | 5° 5 | 24°30 | 2°30 | 3° 2 | 14°10 | 26°23 | 7°D 8 | 5°44 | 21°49 | 13°31 | F 12 |
| S 13 | 13 25 49 | 23°13'59 | 9Ω 4 | 3°34 | 3°42 | 5°51 | 24°29 | 2°27 | 3° 5 | 14° 9 | 26°22 | 7° 8 | 5°41 | 21°56 | 13°34 | S 13 |
| S 14 | 13 29 46 | 24°13'37 | 22° 3 | 5°30 | 4°57 | 6°37 | 24°27 | 2°25 | 3° 7 | 14° 8 | 26°21 | 7°10 | 5°38 | 22° 3 | 13°37 | S 14 |
| M15 | 13 33 42 | 25°13'12 | 4 Mp 46 | 7°26 | 6°11 | 7°23 | 24°26 | 2°23 | 3°10 | 14° 7 | 26°19 | 7°R11 | 5°35 | 22°10 | 13°40 | M15 |
| T 16 | 13 37 39 | 26°12'44 | 17°15 | 9°19 | 7°25 | 8° 9 | 24°25 | 2°21 | 3°13 | 14° 6 | 26°18 | 7°10 | 5°32 | 22°16 | 13°42 | T 16 |
| W17 | 13 41 35 | 27°12'15 | 29°34 | 11°10 | 8°39 | 8°55 | 24°25 | 2°20 | 3°16 | 14° 5 | 26°17 | 7° 8 | 5°28 | 22°23 | 13°45 | W17 |
| T 18 | 13 45 32 | 28°11'44 | 11 ≏ 44 | 12°59 | 9°54 | 9°41 | 24°24 | 2°18 | 3°19 | 14° 4 | 26°15 | 7° 3 | 5°25 | 22°30 | 13°47 | T 18 |
| F 19 | 13 49 28 | 29°11'10 | 23°47 | 14°44 | 11° 8 | 10°27 | 24°24 | 2°16 | 3°22 | 14° 3 | 26°14 | 6°55 | 5°22 | 22°36 | 13°50 | F 19 |
| S 20 | 13 53 25 | 0810'35 | 5 M .46 | 16°25 | 12°22 | 11°13 | 24°D24 | 2°15 | 3°25 | 14° 2 | 26°13 | 6°46 | 5°19 | 22°43 | 13°52 | S 20 |
| S 21 | 13 57 21 | 1° 9'58 | 17°41 | 18° 3 | 13°37 | 11°58 | 24°24 | 2°13 | 3°28 | 14° 1 | 26°12 | 6°35 | 5°16 | 22°50 | 13°54 | S 21 |
| M22 | 14 1 18 | 2° 9'18 | 29°34 | 19°36 | 14°51 | 12°44 | 24°24 | 2°12 | 3°31 | 14° 0 | 26°11 | 6°25 | 5°12 | 22°57 | 13°57 | M22 |
| T 23 | 14 5 14 | 3° 8'37 | 11 × 126 | 21° 4 | 16° 5 | 13°30 | 24°25 | 2°11 | 3°34 | 13°59 | 26° 9 | 6°14 | 5° 9 | 23° 3 | 13°59 | T 23 |
| W24 | 14 9 11 | 4° 7'55 | 23°20 | 22°28 | 17°19 | 14°16 | 24°25 | 2°10 | 3°37 | 13°58 | 26° 8 | 6° 6 | 5° 6 | 23°10 | 14° 1 | W24 |
| T 25 | 14 13 8 | 5° 7'10 | 5 る 19 | 23°45 | 18°34 | 15° 1 | 24°26 | 2° 9 | 3°40 | 13°56 | 26° 7 | 5°59 | 5° 3 | 23°17 | 14° 3 | T 25 |
| F 26 | 14 17 4 | 6° 6'24 | 17°26 | 24°58 | 19°48 | 15°47 | 24°27 | 2° 8 | 3°44 | 13°55 | 26° 6 | 5°55 | 5° 0 | 23°23 | 14° 5 | F 26 |
| S 27 | 14 21 1 | 7° 5'36 | 29°46 | 26° 4 | 21° 2 | 16°32 | 24°29 | 2° 7 | 3°47 | 13°54 | 26° 5 | 5°53 | 4°57 | 23°30 | 14° 7 | S 27 |
| S 28 | 14 24 57 | 8° 4'46 | 12 ≈ 23 | 27° 4 | 22°16 | 17°18 | 24°30 | 2° 7 | 3°50 | 13°53 | 26° 4 | 5°D53 | 4°53 | 23°37 | 14° 8 | S 28 |
| M29 | 14 28 54 | 9° 3'55 | 25°22 | 27°58 | 23°31 | 18° 3 | 24°32 | 2° 6 | 3°53 | 13°52 | 26° 3 | 5°53 | 4°50 | 23°44 | 14°10 | M29 |
| T 30 | 14 32 50 | 108 3'02 | 8) (46 | 28 8 45 | 24 Y 45 | 18 8 49 | 24€33 | 2Mp 6 | 3 II 56 | 13 × 750 | 26Mp 2 | 5°R53 | 4 m) 47 | 23M50 | 14≈12 | T 30 |

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MAY 3450 00:00 UT

| Day | Sid.t | 0 | D | ğ | Ŷ | ð | 4 | ħ |)f(| ¥ | Р | ß | S | ţ | ٥٨ | Day |
|------|----------|-------------------|-----------------|----------------|----------------|----------------|----------------|---------|---------------|-----------------|----------|---------------|---------|----------------|--------|------|
| W 1 | 14 36 47 | 118 2'07 | 22) (39 | 29 8 26 | 25 Y 59 | 19 8 34 | 24 Ω 35 | 2°R 5 | 4 I 0 | 13°R49 | 26°R 1 | 5°R52 | 4 Mp 44 | 23 M 57 | 14≈13 | W 1 |
| T 2 | 14 40 43 | 12° 1'10 | 7 Υ 1 | 0 II 0 | 27°13 | 20°19 | 24°38 | 2Mp 5 | 4° 3 | 13 ∡ 748 | 26M) 0 | 5 m 49 | 4°41 | 24° 4 | 14°15 | T 2 |
| F 3 | 14 44 40 | 13° 0'12 | 21°49 | 0°28 | 28°27 | 21° 5 | 24°40 | 2°D 5 | 4° 6 | 13°46 | 25°59 | 5°43 | 4°38 | 24°11 | 14°16 | F 3 |
| S 4 | 14 48 37 | 13°59'12 | 6 8 57 | 0°49 | 29°42 | 21°50 | 24°43 | 2° 5 | 4° 9 | 13°45 | 25°58 | 5°35 | 4°34 | 24°17 | 14°18 | S 4 |
| S 5 | 14 52 33 | 14°58'10 | 22°15 | 1° 3 | 0 8 56 | 22°35 | 24°45 | 2° 5 | 4°13 | 13°44 | 25°57 | 5°25 | 4°31 | 24°24 | 14°19 | S 5 |
| M 6 | 14 56 30 | 15°57'06 | 7∏32 | 1°11 | 2°10 | 23°20 | 24°48 | 2° 6 | 4°16 | 13°42 | 25°56 | 5°14 | 4°28 | 24°31 | 14°20 | M 6 |
| T 7 | 15 0 26 | 16°56'00 | 22°37 | 1°R12 | 3°24 | 24° 5 | 24°51 | 2° 6 | 4°19 | 13°41 | 25°55 | 5° 5 | 4°25 | 24°37 | 14°21 | T 7 |
| W 8 | 15 4 23 | 17°54'52 | 79520 | 1° 7 | 4°38 | 24°50 | 24°54 | 2° 6 | 4°23 | 13°40 | 25°54 | 4°58 | 4°22 | 24°44 | 14°22 | W 8 |
| T 9 | 15 8 19 | 18°53'42 | 21°37 | 0°56 | 5°52 | 25°35 | 24°58 | 2° 7 | 4°26 | 13°38 | 25°53 | 4°53 | 4°18 | 24°51 | 14°23 | T 9 |
| F 10 | 15 12 16 | 19°52'30 | 5 Ω 26 | 0°40 | 7° 7 | 26°20 | 25° 1 | 2° 8 | 4°29 | 13°37 | 25°53 | 4°50 | 4°15 | 24°58 | 14°24 | F 10 |
| S 11 | 15 16 12 | 20°51'15 | 18°47 | 0°18 | 8°21 | 27° 5 | 25° 5 | 2° 8 | 4°33 | 13°35 | 25°52 | 4°D49 | 4°12 | 25° 4 | 14°25 | S 11 |
| S 12 | 15 20 9 | 21°49'58 | 1 m) 44 | 29852 | 9°35 | 27°50 | 25° 9 | 2° 9 | 4°36 | 13°34 | 25°51 | 4°R49 | 4° 9 | 25°11 | 14°26 | S 12 |
| M13 | 15 24 6 | 22°48'39 | 14°20 | 29°22 | 10°49 | 28°35 | 25°13 | 2°10 | 4°40 | 13°32 | 25°50 | 4°49 | 4° 6 | 25°18 | 14°26 | M13 |
| T 14 | 15 28 2 | 23°47'18 | 26°40 | 28°48 | 12° 3 | 29°19 | 25°18 | 2°11 | 4°43 | 13°31 | 25°50 | 4°47 | 4° 3 | 25°24 | 14°27 | T 14 |
| W15 | 15 31 59 | 24°45'55 | 8 ≏ 49 | 28°11 | 13°17 | 0 Π 4 | 25°22 | 2°13 | 4°46 | 13°29 | 25°49 | 4°43 | 3°59 | 25°31 | 14°27 | W15 |
| T 16 | 15 35 55 | 25°44'29 | 20°50 | 27°32 | 14°31 | 0°49 | 25°27 | 2°14 | 4°50 | 13°28 | 25°48 | 4°36 | 3°56 | 25°38 | 14°28 | T 16 |
| F 17 | 15 39 52 | 26°43'02 | 2 M .46 | 26°52 | 15°45 | 1°33 | 25°31 | 2°15 | 4°53 | 13°26 | 25°48 | 4°27 | 3°53 | 25°45 | 14°28 | F 17 |
| S 18 | 15 43 48 | 27°41'33 | 14°39 | 26°11 | 16°59 | 2°18 | 25°36 | 2°17 | 4°57 | 13°25 | 25°47 | 4°14 | 3°50 | 25°51 | 14°28 | S 18 |
| S 19 | 15 47 45 | 28°40'02 | 26°32 | 25°31 | 18°13 | 3° 2 | 25°41 | 2°19 | 5° 0 | 13°23 | 25°47 | 4° 1 | 3°47 | 25°58 | 14°28 | S 19 |
| M20 | 15 51 41 | 29°38'29 | 8 ₹ 25 | 24°51 | 19°27 | 3°47 | 25°47 | 2°20 | 5° 4 | 13°21 | 25°46 | 3°46 | 3°44 | 26° 5 | 14°28 | M20 |
| T 21 | 15 55 38 | 0 Ⅲ 36′54 | 20°20 | 24°12 | 20°41 | 4°31 | 25°52 | 2°22 | 5° 7 | 13°20 | 25°46 | 3°33 | 3°40 | 26°12 | 14°R29 | T 21 |
| W22 | 15 59 35 | 1°35'18 | 2 ප 18 | 23°36 | 21°55 | 5°15 | 25°58 | 2°24 | 5°10 | 13°18 | 25°45 | 3°21 | 3°37 | 26°18 | 14°28 | W22 |
| T 23 | 16 3 31 | 2°33'40 | 14°22 | 23° 3 | 23° 9 | 6° 0 | 26° 3 | 2°26 | 5°14 | 13°17 | 25°45 | 3°12 | 3°34 | 26°25 | 14°28 | T 23 |
| F 24 | 16 7 28 | 3°32'00 | 26°33 | 22°33 | 24°23 | 6°44 | 26° 9 | 2°28 | 5°17 | 13°15 | 25°44 | 3° 5 | 3°31 | 26°32 | 14°28 | F 24 |
| S 25 | 16 11 24 | 4°30'19 | 8≈56 | 22° 6 | 25°37 | 7°28 | 26°15 | 2°31 | 5°21 | 13°14 | 25°44 | 3° 1 | 3°28 | 26°38 | 14°28 | S 25 |
| S 26 | 16 15 21 | 5°28'37 | 21°33 | 21°44 | 26°51 | 8°12 | 26°21 | 2°33 | 5°24 | 13°12 | 25°44 | 3° 0 | 3°24 | 26°45 | 14°27 | S 26 |
| M27 | 16 19 17 | 6°26'53 | 4) (28 | 21°26 | 28° 5 | 8°56 | 26°28 | 2°35 | 5°28 | 13°10 | 25°43 | 3° 0 | 3°21 | 26°52 | 14°27 | M27 |
| T 28 | 16 23 14 | 7°25'07 | 17°46 | 21°12 | 29°19 | 9°40 | 26°34 | 2°38 | 5°31 | 13° 9 | 25°43 | 3° 0 | 3°18 | 26°59 | 14°26 | T 28 |
| W29 | 16 27 10 | 8°23'21 | 1 Y 31 | 21° 3 | 0 Щ 33 | 10°24 | 26°41 | 2°41 | 5°35 | 13° 7 | 25°43 | 2°58 | 3°15 | 27° 5 | 14°26 | W29 |
| T 30 | 16 31 7 | 9°21'33 | 15°42 | 20°D59 | 1°47 | 11° 8 | 26°47 | 2°43 | 5°38 | 13° 5 | 25°43 | 2°55 | 3°12 | 27°12 | 14°25 | T 30 |
| F 31 | 16 35 4 | 10 Ⅱ 19'43 | 0820 | 20 8 59 | 3耳 1 | 11 Ⅱ 52 | 26 Ω 54 | 2 Mp 46 | 5 Ⅱ 42 | 13 × 4 | 25 Mp 42 | 2 M 49 | 3 Mg 9 | 27 M 19 | 14≈24 | F 31 |

Delta T = 01h54m38s

JUNE 3450 00:00 UT

| Day | Sid.t | 0 | D | Ϋ́ | φ | ð | 4 | ħ |)f(| 卉 | В | £ | Ω | Ç | ę, | Day |
|------|----------|-------------------|-----------------|---------------|---------------|-----------------|---------------|---------------|---------------|-----------------|----------------|---------------|---------------|----------------|--------|------|
| S 1 | 16 39 0 | 11 Ⅱ 17'52 | 15 8 20 | 218 5 | 4 Ⅱ 15 | 12 II 36 | 27 N 1 | 2 m 49 | 5 Ⅱ 45 | 13°R 2 | 25°R42 | 2°R40 | 3 Mp 5 | 27 M 25 | 14°R24 | S 1 |
| S 2 | 16 42 57 | 12°16'00 | 0Д34 | 21°14 | 5°29 | 13°20 | 27° 8 | 2°52 | 5°48 | 13 × 7 1 | 25 m 42 | 2 m 30 | 3° 2 | 27°32 | 14≈23 | S 2 |
| M 3 | 16 46 53 | 13°14'06 | 15°51 | 21°29 | 6°43 | 14° 3 | 27°16 | 2°55 | 5°52 | 12°59 | 25°42 | 2°19 | 2°59 | 27°39 | 14°22 | M 3 |
| T 4 | 16 50 50 | 14°12'11 | 199 0 | 21°48 | 7°57 | 14°47 | 27°23 | 2°59 | 5°55 | 12°57 | 25°42 | 2° 9 | 2°56 | 27°46 | 14°21 | T 4 |
| W 5 | 16 54 46 | 15°10'14 | 15°52 | 22°11 | 9°11 | 15°31 | 27°31 | 3° 2 | 5°59 | 12°56 | 25°42 | 2° 1 | 2°53 | 27°52 | 14°20 | W 5 |
| T 6 | 16 58 43 | 16° 8'15 | 0Ω 18 | 22°38 | 10°25 | 16°14 | 27°38 | 3° 5 | 6° 2 | 12°54 | 25°D42 | 1°55 | 2°50 | 27°59 | 14°18 | T 6 |
| F 7 | 17 2 40 | 17° 6'15 | 14°15 | 23°10 | 11°38 | 16°58 | 27°46 | 3° 9 | 6° 6 | 12°52 | 25°42 | 1°52 | 2°46 | 28° 6 | 14°17 | F 7 |
| S 8 | 17 6 36 | 18° 4'13 | 27°43 | 23°46 | 12°52 | 17°41 | 27°54 | 3°13 | 6° 9 | 12°51 | 25°42 | 1°D51 | 2°43 | 28°13 | 14°16 | S 8 |
| S 9 | 17 10 33 | 19° 2'09 | 10 M)44 | 24°25 | 14° 6 | 18°24 | 28° 2 | 3°16 | 6°12 | 12°49 | 25°42 | 1°51 | 2°40 | 28°19 | 14°14 | S 9 |
| M10 | 17 14 29 | 20° 0'03 | 23°22 | 25° 8 | 15°20 | 19° 8 | 28°10 | 3°20 | 6°16 | 12°48 | 25°42 | 1°R51 | 2°37 | 28°26 | 14°13 | M10 |
| T 11 | 17 18 26 | 20°57'56 | 5 ≏ 42 | 25°55 | 16°34 | 19°51 | 28°19 | 3°24 | 6°19 | 12°46 | 25°42 | 1°50 | 2°34 | 28°33 | 14°11 | T 11 |
| W12 | 17 22 22 | 21°55'47 | 17°48 | 26°46 | 17°48 | 20°34 | 28°27 | 3°28 | 6°23 | 12°44 | 25°42 | 1°47 | 2°30 | 28°39 | 14°10 | W12 |
| T 13 | 17 26 19 | 22°53'36 | 29°46 | 27°39 | 19° 2 | 21°17 | 28°35 | 3°32 | 6°26 | 12°43 | 25°43 | 1°42 | 2°27 | 28°46 | 14° 8 | T 13 |
| F 14 | 17 30 15 | 23°51'24 | 11 M 39 | 28°36 | 20°16 | 22° 1 | 28°44 | 3°36 | 6°29 | 12°41 | 25°43 | 1°34 | 2°24 | 28°53 | 14° 6 | F 14 |
| S 15 | 17 34 12 | 24°49'11 | 23°30 | 29°37 | 21°29 | 22°44 | 28°53 | 3°40 | 6°33 | 12°40 | 25°43 | 1°24 | 2°21 | 29° 0 | 14° 5 | S 15 |
| S 16 | 17 38 9 | 25°46'56 | 5 ₹ 23 | 0 Ⅱ 40 | 22°43 | 23°27 | 29° 2 | 3°45 | 6°36 | 12°38 | 25°43 | 1°12 | 2°18 | 29° 6 | 14° 3 | S 16 |
| M17 | 17 42 5 | 26°44'39 | 17°19 | 1°46 | 23°57 | 24°10 | 29°11 | 3°49 | 6°39 | 12°36 | 25°44 | 1° 0 | 2°15 | 29°13 | 14° 1 | M17 |
| T 18 | 17 46 2 | 27°42'22 | 29°19 | 2°56 | 25°11 | 24°53 | 29°20 | 3°53 | 6°42 | 12°35 | 25°44 | 0°48 | 2°11 | 29°20 | 13°59 | T 18 |
| W19 | 17 49 58 | 28°40'03 | 11 る 26 | 4° 8 | 26°25 | 25°35 | 29°29 | 3°58 | 6°46 | 12°33 | 25°44 | 0°38 | 2° 8 | 29°26 | 13°57 | W19 |
| T 20 | 17 53 55 | 29°37'43 | 23°39 | 5°23 | 27°38 | 26°18 | 29°38 | 4° 3 | 6°49 | 12°32 | 25°45 | 0°31 | 2° 5 | 29°33 | 13°55 | T 20 |
| F 21 | 17 57 51 | 0935'22 | 6≈ 1 | 6°41 | 28°52 | 27° 1 | 29°48 | 4° 7 | 6°52 | 12°30 | 25°45 | 0°25 | 2° 2 | 29°40 | 13°52 | F 21 |
| S 22 | 18 148 | 1°33'00 | 18°34 | 8° 1 | 0න 6 | 27°44 | 29°57 | 4°12 | 6°55 | 12°29 | 25°46 | 0°23 | 1°59 | 29°47 | 13°50 | S 22 |
| S 23 | 18 5 44 | 2°30'37 | 1 ∺ 19 | 9°25 | 1°20 | 28°26 | 0Mp 7 | 4°17 | 6°59 | 12°27 | 25°46 | 0°D22 | 1°56 | 29°53 | 13°48 | S 23 |
| M24 | 18 941 | 3°28'13 | 14°20 | 10°50 | 2°34 | 29° 9 | 0°16 | 4°22 | 7° 2 | 12°26 | 25°47 | 0°23 | 1°52 | 0 才 0 | 13°45 | M24 |
| T 25 | 18 13 38 | 4°25'48 | 27°39 | 12°19 | 3°47 | 29°52 | 0°26 | 4°27 | 7° 5 | 12°24 | 25°47 | 0°23 | 1°49 | 0° 7 | 13°43 | T 25 |
| W26 | 18 17 34 | 5°23'23 | 11 Y 19 | 13°50 | 5° 1 | 0ഇ34 | 0°36 | 4°32 | 7° 8 | 12°23 | 25°48 | 0°R23 | 1°46 | 0°14 | 13°41 | W26 |
| T 27 | 18 21 31 | 6°20'57 | 25°21 | 15°24 | 6°15 | 1°17 | 0°46 | 4°37 | 7°11 | 12°21 | 25°48 | 0°22 | 1°43 | 0°20 | 13°38 | T 27 |
| F 28 | 18 25 27 | 7°18'30 | 9 8 45 | 17° 0 | 7°29 | 1°59 | 0°56 | 4°42 | 7°14 | 12°20 | 25°49 | 0°18 | 1°40 | 0°27 | 13°35 | F 28 |
| S 29 | 18 29 24 | 8°16'03 | 24°27 | 18°39 | 8°43 | 2°41 | 1° 6 | 4°48 | 7°18 | 12°18 | 25°50 | 0°13 | 1°36 | 0°34 | 13°33 | S 29 |
| S 30 | 18 33 20 | 9913'35 | 9Ⅱ23 | 20Ⅲ21 | 9 9 56 | 3 9 24 | 1 Mp 16 | 4 Mp 53 | 7 Ⅱ 21 | 12 √ 17 | 25 m 50 | 0Mp 6 | 1 m 33 | 0 ₮ 40 | 13≈30 | S 30 |

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JULY 3450 00:00 UT

| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)Å(| ¥ | В | n | v | ţ | , k | Day |
|--------------|----------------------|----------------------|------------------------|---------------------|----------------|----------------|-----------------|----------------|---------------|-----------------|----------------|-----------------|----------------|----------------|----------------|--------------|
| M 1 | 18 37 17 | 10911'06 | 24Ⅱ25 | 22 II 5 | 119510 | 499 6 | 1 m) 27 | 4 m 59 | 7 Ⅱ 24 | 12°R16 | 25 m 51 | 29°R58 | 1 m 30 | 0 ∡ 747 | 13°R27 | M 1 |
| T 2 | 18 41 13 | 11° 8'36 | 99522 | 23°52 | 12°24 | 4°48 | 1°37 | 5° 4 | 7°27 | 12 × 14 | 25°52 | $29\Omega 51$ | 1°27 | 0°54 | 13≈25 | T 2 |
| W 3 | 18 45 10 | 12° 6'06 | 24° 6 | 25°41 | 13°38 | 5°30 | 1°48 | 5°10 | 7°30 | 12°13 | 25°53 | 29°45 | 1°24 | 1° 1 | 13°22 | W 3 |
| T 4 | 18 49 7 | 13° 3'35 | 8 Ω 29 | 27°33 | 14°52 | 6°12 | 1°58 | 5°15 | 7°33 | 12°11 | 25°54 | 29°41 | 1°21 | 1° 7 | 13°19 | T 4 |
| F 5 | 18 53 3 | 14° 1'03 | 22°28 | 29°27 | 16° 5 | 6°54 | 2° 9 | 5°21 | 7°36 | 12°10 | 25°54 | 29°40 | 1°17 | 1°14 | 13°16 | F 5 |
| S 6 | 18 57 0 | 14°58'29 | 5 m 59 | 19523 | 17°19 | 7°36 | 2°20 | 5°27 | 7°39 | 12° 9 | 25°55 | 29°D40 | 1°14 | 1°21 | 13°13 | S 6 |
| S 7 | 19 0 56 | 15°55'55 | 19° 5 | 3°22 | 18°33 | 8°18 | 2°30 | 5°33 | 7°41 | 12° 7 | 25°56 | 29°41 | 1°11 | 1°28 | 13°10 | S 7 |
| M 8 | 19 4 53 | 16°53'20 | 1 ≙ 47 | 5°23 | 19°47 | 9° 0 | 2°41 | 5°39 | 7°44 | 12° 6 | 25°57 | 29°42 | 1° 8 | 1°34 | 13° 7 | M 8 |
| T 9 | 19 8 49 | 17°50'44 | 14°10 | 7°26 | 21° 0 | 9°42 | 2°52 | 5°45 | 7°47 | 12° 5 | 25°58 | 29°R43 | 1° 5 | 1°41 | 13° 4 | T 9 |
| W10 | 19 12 46 | 18°48'07 | 26°18 | 9°30 | 22°14 | 10°24 | 3° 3 | 5°51 | 7°50 | 12° 4 | 25°59 | 29°43 | 1° 2 | 1°48 | 13° 1 | W10 |
| T 11 | 19 16 42 | 19°45'29 | 8ML17 | 11°37 | 23°28 | 11° 6 | 3°15 | 5°57 | 7°53 | 12° 3 | 26° 0 | 29°41 | 0°58 | 1°54 | 12°58 | T 11 |
| F 12 | 19 20 39 | 20°42'50 | 20°10 | 13°45 | 24°42 | 11°47 | 3°26 | 6° 3 | 7°55 | 12° 1 12° 0 | 26° 1 | 29°37 | 0°55 | 2° 1 2° 8 | 12°54 | F 12 S 13 |
| S 13 | 19 24 36 | 21°40'10 | 2 x 7 2 | 15°54 | 25°56 | 12°29 | 3°37 | 6° 9 | 7°58 | | 26° 2 | 29°32 | 0°52 | _ | 12°51 | |
| S 14 | 19 28 32 | 22°37'30 | 13°57 | 18° 4 | 27° 9 | 13°11 | 3°48 | 6°15 | 8° 1 | 11°59 | 26° 3 | 29°26 | 0°49 | 2°15 | 12°48 | S 14 |
| M15 | 19 32 29 | 23°34'49 | 25°57 | 20°16 | 28°23 | 13°52 | 4° 0 | 6°22 | 8° 4 | 11°58 | 26° 4 | 29°20 | 0°46 | 2°21 | 12°45 | M15 |
| T 16 | 19 36 25 | 24°32'08 | 8중 5 | 22°27 | 29°37 | 14°34 | 4°11 | 6°28 | 8° 6 | 11°57 | 26° 5 | 29°14 | 0°42 | 2°28 | 12°41 | T 16 |
| W17 | 19 40 22 | 25°29'26 | 20°22 | 24°39 | 0 Ω 51 | 15°15 | 4°23 | 6°34 | 8° 9 | 11°56 | 26° 6 | 29° 9 | 0°39 | 2°35 | 12°38 | W17 |
| T 18 | 19 44 18 | 26°26'44 | 2 ×4 9 | 26°50 29° 2 | 2° 4 3°18 | 15°57 | 4°34 | 6°41 6°47 | 8°11 8°14 | 11°55 | 26° 8 26° 9 | 29° 5 | 0°36 | 2°41 | 12°35 12°31 | T 18 F 19 |
| F 19 S 20 | 19 48 15 19 52 11 | 27°24'01 28°21'18 | 15°27 28°18 | 1 Ω 12 | 4°32 | 16°38 17°19 | 4°46 4°58 | 6°54 | 8°14 8°16 | 11°54 11°53 | 26° 10 | 29° 2 29°D 2 | 0°33 0°30 | 2°48 2°55 | 12°28 | S 20 |
| | | | | | | | | | | | | | | | | |
| S 21 | 19 56 8 | 29°18'35 | 11 米 20 | 3°22 | 5°46 | 18° 0 | 5° 9 | 7° 0 | 8°19 | 11°52 | 26°11 | 29° 2 | 0°27 | 3° 2 | 12°24 | S 21 |
| M22 | 20 0 5 | 0€15'52 | 24°37 | 5°31 | 6°59 | 18°42 | 5°21 | 7° 7 | 8°21 | 11°51 | 26°13 | 29° 3 | 0°23 | 3° 8 | 12°21 | M22 |
| T 23 W24 | 20 4 1 20 7 58 | 1°13'08 2°10'25 | 8 Υ 7 | 7°38 9°44 | 8°13 9°27 | 19°23 20° 4 | 5°33 | 7°14 7°21 | 8°24 8°26 | 11°50 11°49 | 26°14 26°15 | 29° 5 29° 6 | 0°20 0°17 | 3°15 3°22 | 12°17 12°14 | T 23 W24 |
| T 25 | 20 7 58 20 11 54 | 3° 7'42 | 21°52 | 11°49 | 10°41 | 20°45 | 5°45 5°57 | 7°27 | 8°28 | 11°49 | 26°17 | 29° 6 29°R 6 | 0°17 0°14 | 3°22 | 12°14 12°10 | T 25 |
| F 26 | 20 11 54 20 15 51 | 4° 4'59 | 5 8 52 20° 5 | 13°51 | 10°41 11°54 | 20°45 21°26 | 6° 9 | 7°34 | 8°31 | 11°48 | 26°17 26°18 | 29°R 6 | 0°14 0°11 | 3°35 | 12° 10 | F 26 |
| S 27 | 20 13 31 | 5° 2'16 | 20° 3 4 ∏ 31 | 15°52 | 11°54 13° 8 | 21°26 22° 7 | 6°21 | 7°41 | 8°33 | 11°47 | 26°18 | 29° 6 | 0° 11 | 3°42 | 12° 7 | S 27 |
| | | | | | | | | | | | | | , | | | |
| S 28 | 20 23 44 | 5°59'34 | 19° 4 | 17°52 | 14°22 | 22°48 | 6°33 | 7°48 | 8°35 | 11°45 | 26°21 | 29° 1 | 0° 4 | 3°49 | 12° 0 | S 28 |
| M29 | 20 27 40 | 6°56'52 | 39540 | 19°49 | 15°36 | 23°29 | 6°45 | 7°55 | 8°37 | 11°45 | 26°22 | 28°58 | 0° 1 | 3°55 | 11°56 | M29 |
| T 30 | 20 31 37 | 7°54'10 | 18°13 | 21°45 | 16°49 | 24°10 | 6°58 | 8° 2 | 8°40 | 11°44 | 26°24 | 28°55 | 29 Ω 58 | 4° 2 | 11°53 | T 30 |
| W31 | 20 35 34 | 8 Ω 51'27 | 2 Ω 36 | 23 \Omega 38 | 18 Ω 3 | 24950 | 7 m) 10 | 8 m) 9 | 8 Ⅱ 42 | 11 × 743 | 26 Mp 25 | 28 £ 53 | 29 Ω 55 | 4 ₹ 9 | 11 ≈ 49 | W31 |

Delta T = 01h54m40s

AUGUST 3450 00:00 UT

| Day | Sid.t | 0 | D | φ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | r | Ω | Ç | , k | Day |
|------|----------|------------------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|-----------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 20 39 30 | 9 Ω 48'46 | 16 Ω 44 | 25 Ω 30 | 19 Ω 17 | 25931 | 7 m) 22 | 8 m)16 | 8 Ⅱ 44 | 11°R42 | 26 m 27 | 28°R52 | 29 Ω 52 | 4 ₹ 16 | 11°R45 | T 1 |
| F 2 | 20 43 27 | 10°46'03 | 0 m y33 | 27°19 | 20°31 | 26°12 | 7°35 | 8°23 | 8°46 | 11 × 742 | 26°28 | 28°D52 | 29°48 | 4°22 | 11 ≈ 42 | F 2 |
| S 3 | 20 47 23 | 11°43'21 | 14° 0 | 29° 7 | 21°44 | 26°53 | 7°47 | 8°30 | 8°48 | 11°41 | 26°30 | 28 N 52 | 29°45 | 4°29 | 11°38 | S 3 |
| S 4 | 20 51 20 | 12°40'39 | 27° 4 | 0 m 53 | 22°58 | 27°33 | 8° 0 | 8°37 | 8°50 | 11°41 | 26°31 | 28°53 | 29°42 | 4°36 | 11°35 | S 4 |
| M 5 | 20 55 16 | 13°37'57 | 9 ≏ 48 | 2°36 | 24°12 | 28°14 | 8°12 | 8°45 | 8°52 | 11°40 | 26°33 | 28°54 | 29°39 | 4°43 | 11°31 | M 5 |
| T 6 | 20 59 13 | 14°35'15 | 22°13 | 4°18 | 25°26 | 28°54 | 8°25 | 8°52 | 8°53 | 11°39 | 26°34 | 28°56 | 29°36 | 4°49 | 11°27 | T 6 |
| W 7 | 21 3 9 | 15°32'33 | 4 M 24 | 5°58 | 26°39 | 29°35 | 8°37 | 8°59 | 8°55 | 11°39 | 26°36 | 28°56 | 29°33 | 4°56 | 11°24 | W 7 |
| T 8 | 21 7 6 | 16°29'50 | 16°24 | 7°36 | 27°53 | $0\Omega15$ | 8°50 | 9° 6 | 8°57 | 11°38 | 26°38 | 28°R57 | 29°29 | 5° 3 | 11°20 | T 8 |
| F 9 | 21 11 3 | 17°27'08 | 28°19 | 9°12 | 29° 7 | 0°55 | 9° 2 | 9°14 | 8°59 | 11°38 | 26°39 | 28°56 | 29°26 | 5° 9 | 11°17 | F 9 |
| S 10 | 21 14 59 | 18°24'26 | 10 × 12 | 10°46 | 0 m 21 | 1°36 | 9°15 | 9°21 | 9° 0 | 11°38 | 26°41 | 28°56 | 29°23 | 5°16 | 11°13 | S 10 |
| S 11 | 21 18 56 | 19°21'44 | 22° 9 | 12°17 | 1°34 | 2°16 | 9°28 | 9°28 | 9° 2 | 11°37 | 26°43 | 28°55 | 29°20 | 5°23 | 11°10 | S 11 |
| M12 | 21 22 52 | 20°19'02 | 4 궁 12 | 13°47 | 2°48 | 2°56 | 9°40 | 9°36 | 9° 4 | 11°37 | 26°44 | 28°53 | 29°17 | 5°30 | 11° 6 | M12 |
| T 13 | 21 26 49 | 21°16'21 | 16°26 | 15°15 | 4° 2 | 3°36 | 9°53 | 9°43 | 9° 5 | 11°37 | 26°46 | 28°52 | 29°13 | 5°36 | 11° 3 | T 13 |
| W14 | 21 30 45 | 22°13'39 | 28°53 | 16°41 | 5°15 | 4°17 | 10° 6 | 9°51 | 9° 7 | 11°36 | 26°48 | 28°51 | 29°10 | 5°43 | 10°59 | W14 |
| T 15 | 21 34 42 | 23°10'58 | 11≈34 | 18° 5 | 6°29 | 4°57 | 10°19 | 9°58 | 9°8 | 11°36 | 26°50 | 28°51 | 29° 7 | 5°50 | 10°56 | T 15 |
| F 16 | 21 38 38 | 24° 8'18 | 24°30 | 19°27 | 7°43 | 5°37 | 10°32 | 10° 6 | 9°10 | 11°36 | 26°51 | 28°D51 | 29° 4 | 5°56 | 10°52 | F 16 |
| S 17 | 21 42 35 | 25° 5'38 | 7) €43 | 20°46 | 8°56 | 6°17 | 10°45 | 10°13 | 9°11 | 11°36 | 26°53 | 28°51 | 29° 1 | 6° 3 | 10°49 | S 17 |
| S 18 | 21 46 32 | 26° 2'58 | 21° 9 | 22° 4 | 10°10 | 6°57 | 10°57 | 10°21 | 9°12 | 11°35 | 26°55 | 28°51 | 28°58 | 6°10 | 10°45 | S 18 |
| M19 | 21 50 28 | 27° 0'19 | 4 Υ 49 | 23°19 | 11°24 | 7°37 | 11°10 | 10°28 | 9°14 | 11°35 | 26°57 | 28°51 | 28°54 | 6°17 | 10°42 | M19 |
| T 20 | 21 54 25 | 27°57'41 | 18°41 | 24°32 | 12°38 | 8°16 | 11°23 | 10°36 | 9°15 | 11°35 | 26°59 | 28°51 | 28°51 | 6°23 | 10°39 | T 20 |
| W21 | 21 58 21 | 28°55'04 | 2 8 42 | 25°43 | 13°51 | 8°56 | 11°36 | 10°43 | 9°16 | 11°35 | 27° 0 | 28°R51 | 28°48 | 6°30 | 10°35 | W21 |
| T 22 | 22 2 18 | 29°52'28 | 16°50 | 26°51 | 15° 5 | 9°36 | 11°49 | 10°51 | 9°17 | 11°35 | 27° 2 | 28°51 | 28°45 | 6°37 | 10°32 | T 22 |
| F 23 | 22 6 14 | 0 ₯ 49'53 | 1 II 3 | 27°57 | 16°19 | 10°16 | 12° 2 | 10°59 | 9°18 | 11°D35 | 27° 4 | 28°D51 | 28°42 | 6°43 | 10°29 | F 23 |
| S 24 | 22 10 11 | 1°47'19 | 15°18 | 29° 0 | 17°32 | 10°56 | 12°15 | 11° 6 | 9°19 | 11°35 | 27° 6 | 28°51 | 28°39 | 6°50 | 10°26 | S 24 |
| S 25 | 22 14 7 | 2°44'46 | 29°33 | 0 호 0 | 18°46 | 11°35 | 12°28 | 11°14 | 9°20 | 11°35 | 27° 8 | 28°52 | 28°35 | 6°57 | 10°23 | S 25 |
| M26 | 22 18 4 | 3°42'14 | 139544 | 0°58 | 20° 0 | 12°15 | 12°41 | 11°22 | 9°21 | 11°35 | 27°10 | 28°52 | 28°32 | 7° 4 | 10°19 | M26 |
| T 27 | 22 22 1 | 4°39'43 | 27°49 | 1°53 | 21°13 | 12°54 | 12°54 | 11°29 | 9°22 | 11°35 | 27°12 | 28°52 | 28°29 | 7°10 | 10°16 | T 27 |
| W28 | 22 25 57 | 5°37'14 | 11 Ω 45 | 2°44 | 22°27 | 13°34 | 13° 7 | 11°37 | 9°23 | 11°35 | 27°14 | 28°53 | 28°26 | 7°17 | 10°13 | W28 |
| T 29 | 22 29 54 | 6°34'45 | 25°29 | 3°33 | 23°41 | 14°13 | 13°20 | 11°45 | 9°24 | 11°36 | 27°16 | 28°R53 | 28°23 | 7°24 | 10°10 | T 29 |
| F 30 | 22 33 50 | 7°32'17 | 8 m 58 | 4°18 | 24°54 | 14°53 | 13°34 | 11°52 | 9°25 | 11°36 | 27°17 | 28°53 | 28°19 | 7°31 | 10° 7 | F 30 |
| S 31 | 22 37 47 | 8 m 29'50 | 22 Mp 11 | 5 ₾ 0 | 26M) 8 | 15 Ω 32 | 13 M 47 | 12 Mp 0 | 9∏26 | 11 ∡ 136 | 27 m 19 | 28 N 52 | 28 Ω 16 | 7 .₹ 37 | 10≈ 4 | S 31 |

Delta T = 01h54m40s

SEPTEMBER 3450 00:00 UT

| Day | Sid.t | 0 | D | Ϋ́ | P | ð | 4 | ħ |)Å(| ¥ | Р | ß | v | ţ | o k | Day |
|------|----------|------------------|----------------|----------------|---------------|---------------|----------------|-----------------|---------------|-----------------|-----------------|----------------|----------------|-----------------|--------|------|
| S 1 | 22 41 43 | 9 m 27'24 | 5 ♀ 7 | 5 ₾ 38 | 27 Mp 21 | 16Ω12 | 14 Mp 0 | 12 Mp 8 | 9Д26 | 11 ∡ 736 | 27 m 21 | 28°R51 | 28 Ω 13 | 7 ,₹ 144 | 10°R 1 | S 1 |
| M 2 | 22 45 40 | 10°24'58 | 17°46 | 6°12 | 28°35 | 16°51 | 14°13 | 12°15 | 9°27 | 11°37 | 27°23 | $28\Omega50$ | 28°10 | 7°51 | 9≈58 | M 2 |
| T 3 | 22 49 36 | 11°22'34 | 0 ™ 9 | 6°41 | 29°49 | 17°30 | 14°26 | 12°23 | 9°27 | 11°37 | 27°25 | 28°48 | 28° 7 | 7°57 | 9°56 | T 3 |
| W 4 | 22 53 33 | 12°20'10 | 12°19 | 7° 7 | 1 <u>₽</u> 2 | 18°10 | 14°39 | 12°31 | 9°28 | 11°37 | 27°27 | 28°47 | 28° 4 | 8° 4 | 9°53 | W 4 |
| T 5 | 22 57 30 | 13°17'48 | 24°20 | 7°28 | 2°16 | 18°49 | 14°52 | 12°38 | 9°28 | 11°38 | 27°29 | 28°45 | 28° 0 | 8°11 | 9°50 | T 5 |
| F 6 | 23 1 26 | 14°15'26 | 6 ₹ 15 | 7°44 | 3°29 | 19°28 | 15° 5 | 12°46 | 9°29 | 11°38 | 27°31 | 28°44 | 27°57 | 8°18 | 9°47 | F 6 |
| S 7 | 23 5 23 | 15°13'05 | 18° 8 | 7°55 | 4°43 | 20° 7 | 15°19 | 12°54 | 9°29 | 11°39 | 27°33 | 28°D44 | 27°54 | 8°24 | 9°45 | S 7 |
| S 8 | 23 9 19 | 16°10'45 | 0중 4 | 8° 1 | 5°57 | 20°46 | 15°32 | 13° 1 | 9°29 | 11°39 | 27°35 | 28°45 | 27°51 | 8°31 | 9°42 | S 8 |
| M 9 | 23 13 16 | 17° 8'26 | 12° 8 | 8°R 2 | 7°10 | 21°25 | 15°45 | 13° 9 | 9°30 | 11°40 | 27°37 | 28°46 | 27°48 | 8°38 | 9°40 | M 9 |
| T 10 | 23 17 12 | 18° 6'08 | 24°24 | 7°57 | 8°24 | 22° 4 | 15°58 | 13°17 | 9°30 | 11°40 | 27°39 | 28°47 | 27°45 | 8°44 | 9°37 | T 10 |
| W11 | 23 21 9 | 19° 3'50 | 6≈57 | 7°47 | 9°37 | 22°43 | 16°11 | 13°24 | 9°30 | 11°41 | 27°41 | 28°49 | 27°41 | 8°51 | 9°35 | W11 |
| T 12 | 23 25 5 | 20° 1'34 | 19°48 | 7°30 | 10°51 | 23°22 | 16°24 | 13°32 | 9°30 | 11°41 | 27°43 | 28°50 | 27°38 | 8°58 | 9°32 | T 12 |
| F 13 | 23 29 2 | 20°59'19 | 2 米 59 | 7° 8 | 12° 4 | 24° 1 | 16°37 | 13°40 | 9°30 | 11°42 | 27°45 | 28°R50 | 27°35 | 9° 5 | 9°30 | F 13 |
| S 14 | 23 32 58 | 21°57'05 | 16°32 | 6°41 | 13°18 | 24°39 | 16°50 | 13°47 | 9°R30 | 11°43 | 27°47 | 28°49 | 27°32 | 9°11 | 9°28 | S 14 |
| S 15 | 23 36 55 | 22°54'53 | 0 Υ 24 | 6° 8 | 14°31 | 25°18 | 17° 3 | 13°55 | 9°30 | 11°44 | 27°50 | 28°47 | 27°29 | 9°18 | 9°26 | S 15 |
| M16 | 23 40 52 | 23°52'41 | 14°31 | 5°29 | 15°45 | 25°57 | 17°16 | 14° 3 | 9°30 | 11°44 | 27°52 | 28°44 | 27°25 | 9°25 | 9°24 | M16 |
| T 17 | 23 44 48 | 24°50'31 | 28°51 | 4°46 | 16°58 | 26°36 | 17°30 | 14°10 | 9°30 | 11°45 | 27°54 | 28°40 | 27°22 | 9°32 | 9°22 | T 17 |
| W18 | 23 48 45 | 25°48'23 | 13 8 16 | 3°59 | 18°12 | 27°14 | 17°43 | 14°18 | 9°30 | 11°46 | 27°56 | 28°37 | 27°19 | 9°38 | 9°20 | W18 |
| T 19 | 23 52 41 | 26°46'17 | 27°43 | 3° 8 | 19°25 | 27°53 | 17°56 | 14°26 | 9°30 | 11°47 | 27°58 | 28°34 | 27°16 | 9°45 | 9°18 | T 19 |
| F 20 | 23 56 38 | 27°44'12 | 12 Ⅱ 5 | 2°14 | 20°38 | 28°31 | 18° 9 | 14°33 | 9°29 | 11°48 | 28° 0 | 28°32 | 27°13 | 9°52 | 9°16 | F 20 |
| S 21 | 0 0 34 | 28°42'09 | 26°21 | 1°19 | 21°52 | 29°10 | 18°22 | 14°41 | 9°29 | 11°49 | 28° 2 | 28°D31 | 27°10 | 9°58 | 9°14 | S 21 |
| S 22 | 0 431 | 29°40'08 | 109526 | 0°23 | 23° 5 | 29°48 | 18°35 | 14°48 | 9°29 | 11°49 | 28° 4 | 28°31 | 27° 6 | 10° 5 | 9°12 | S 22 |
| M23 | 0 8 27 | 0 ჲ 38'09 | 24°20 | 29 m 28 | 24°19 | 0 m 27 | 18°48 | 14°56 | 9°28 | 11°50 | 28° 6 | 28°32 | 27° 3 | 10°12 | 9°11 | M23 |
| T 24 | 0 12 24 | 1°36'11 | 8Ω 2 | 28°34 | 25°32 | 1° 5 | 19° 1 | 15° 3 | 9°28 | 11°51 | 28° 8 | 28°34 | 27° 0 | 10°19 | 9° 9 | T 24 |
| W25 | 0 16 21 | 2°34'15 | 21°33 | 27°43 | 26°45 | 1°44 | 19°14 | 15°11 | 9°27 | 11°52 | 28°10 | 28°35 | 26°57 | 10°25 | 9°8 | W25 |
| T 26 | 0 20 17 | 3°32'21 | 4 m 51 | 26°56 | 27°59 | 2°22 | 19°27 | 15°18 | 9°27 | 11°53 | 28°12 | 28°R35 | 26°54 | 10°32 | 9° 6 | T 26 |
| F 27 | 0 24 14 | 4°30'29 | 17°57 | 26°15 | 29°12 | 3° 0 | 19°39 | 15°26 | 9°26 | 11°55 | 28°14 | 28°33 | 26°50 | 10°39 | 9° 5 | F 27 |
| S 28 | 0 28 10 | 5°28'38 | 0 ჲ 51 | 25°40 | 0 M 25 | 3°39 | 19°52 | 15°33 | 9°26 | 11°56 | 28°16 | 28°30 | 26°47 | 10°45 | 9° 3 | S 28 |
| S 29 | 0 32 7 | 6°26'49 | 13°32 | 25°11 | 1°39 | 4°17 | 20° 5 | 15°40 | 9°25 | 11°57 | 28°18 | 28°25 | 26°44 | 10°52 | 9° 2 | S 29 |
| M30 | 0 36 3 | 7 ≙ 25'01 | 26 ♀ 0 | 24 Mp 51 | 2ML52 | 4 m 55 | 20 m 18 | 15 M)48 | 9 Ⅱ 24 | 11 ×7 58 | 28 m /20 | 28 Q 18 | 26 Ω 41 | 10 × 759 | 9≈ 1 | M30 |

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OCTOBER 3450 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q | δ | 4 | ħ |)∤(| ¥ | Р | ß | ಬ | Ç | × 0 | Day |
|------|---------|--------------------|----------------|----------------|----------------|---------------|----------------|-----------------|-------|-----------------|----------------|----------------|---------------|-----------------|---------------|------|
| T 1 | 0 40 0 | 8 ≏ 23'15 | 8 M 17 | 24°R38 | 4M 5 | 5 m 33 | 20 m 31 | 15 M 55 | 9°R23 | 11 ×7 59 | 28 m 22 | 28°R11 | 26€38 | 11 % 6 | 9°R 0 | T 1 |
| W 2 | 0 43 56 | 9°21'31 | 20°24 | 24°D35 | 5°19 | 6°11 | 20°44 | 16° 2 | 9∏22 | 12° 0 | 28°24 | 28Ω 4 | 26°35 | 11°12 | 8 ≈ 59 | W 2 |
| T 3 | 0 47 53 | 10°19'48 | 2 ₹ 22 | 24 Mp 40 | 6°32 | 6°49 | 20°56 | 16°10 | 9°22 | 12° 2 | 28°26 | 27°57 | 26°31 | 11°19 | 8°58 | T 3 |
| F 4 | 0 51 50 | 11°18'06 | 14°15 | 24°55 | 7°45 | 7°27 | 21° 9 | 16°17 | 9°21 | 12° 3 | 28°28 | 27°52 | 26°28 | 11°26 | 8°57 | F 4 |
| S 5 | 0 55 46 | 12°16'27 | 26° 6 | 25°19 | 8°58 | 8° 5 | 21°22 | 16°24 | 9°20 | 12° 4 | 28°30 | 27°49 | 26°25 | 11°32 | 8°56 | S 5 |
| S 6 | 0 59 43 | 13°14'48 | 0 と 8 | 25°51 | 10°12 | 8°43 | 21°34 | 16°31 | 9°19 | 12° 6 | 28°32 | 27°D47 | 26°22 | 11°39 | 8°55 | S 6 |
| M 7 | 1 3 39 | 14°13'11 | 20° 2 | 26°32 | 11°25 | 9°21 | 21°47 | 16°38 | 9°17 | 12° 7 | 28°34 | 27°47 | 26°19 | 11°46 | 8°55 | M 7 |
| T 8 | 1 7 36 | 15°11'36 | 2≈16 | 27°22 | 12°38 | 9°59 | 21°59 | 16°45 | 9°16 | 12° 8 | 28°36 | 27°48 | 26°16 | 11°53 | 8°54 | T 8 |
| W 9 | 1 11 32 | 16°10'02 | 14°48 | 28°19 | 13°51 | 10°36 | 22°12 | 16°53 | 9°15 | 12°10 | 28°38 | 27°49 | 26°12 | 11°59 | 8°54 | W 9 |
| T 10 | 1 15 29 | 17° 8'30 | 27°41 | 29°23 | 15° 4 | 11°14 | 22°24 | 17° 0 | 9°14 | 12°11 | 28°40 | 27°R50 | 26° 9 | 12° 6 | 8°53 | T 10 |
| F 11 | 1 19 25 | 18° 6'59 | 11 米 0 | 0 ჲ 34 | 16°17 | 11°52 | 22°37 | 17° 7 | 9°13 | 12°13 | 28°42 | 27°49 | 26° 6 | 12°13 | 8°53 | F 11 |
| S 12 | 1 23 22 | 19° 5'30 | 24°45 | 1°51 | 17°30 | 12°30 | 22°49 | 17°14 | 9°11 | 12°14 | 28°44 | 27°46 | 26° 3 | 12°19 | 8°52 | S 12 |
| S 13 | 1 27 18 | 20° 4'02 | 8 Y 55 | 3°14 | 18°44 | 13° 7 | 23° 2 | 17°20 | 9°10 | 12°16 | 28°46 | 27°41 | 26° 0 | 12°26 | 8°52 | S 13 |
| M14 | 1 31 15 | 21° 2'36 | 23°26 | 4°42 | 19°57 | 13°45 | 23°14 | 17°27 | 9° 9 | 12°17 | 28°48 | 27°34 | 25°56 | 12°33 | 8°52 | M14 |
| T 15 | 1 35 12 | 22° 1'12 | 8 8 12 | 6°13 | 21°10 | 14°22 | 23°26 | 17°34 | 9° 7 | 12°19 | 28°50 | 27°26 | 25°53 | 12°40 | 8°D52 | T 15 |
| W16 | 1 39 8 | 22°59'51 | 23° 5 | 7°49 | 22°23 | 15° 0 | 23°38 | 17°41 | 9° 6 | 12°20 | 28°52 | 27°17 | 25°50 | 12°46 | 8°52 | W16 |
| T 17 | 1 43 5 | 23°58'31 | 7 II 56 | 9°27 | 23°36 | 15°37 | 23°51 | 17°48 | 9° 4 | 12°22 | 28°54 | 27°10 | 25°47 | 12°53 | 8°52 | T 17 |
| F 18 | 1 47 1 | 24°57'13 | 22°37 | 11° 9 | 24°49 | 16°15 | 24° 3 | 17°54 | 9° 3 | 12°24 | 28°56 | 27° 4 | 25°44 | 13° 0 | 8°52 | F 18 |
| S 19 | 1 50 58 | 25°55'58 | 7 9 5 3 | 12°52 | 26° 2 | 16°52 | 24°15 | 18° 1 | 9° 1 | 12°25 | 28°57 | 27° 0 | 25°41 | 13° 6 | 8°52 | S 19 |
| S 20 | 1 54 54 | 26°54'44 | 21°11 | 14°37 | 27°15 | 17°29 | 24°27 | 18° 8 | 9° 0 | 12°27 | 28°59 | 26°D59 | 25°37 | 13°13 | 8°53 | S 20 |
| M21 | 1 58 51 | 27°53'33 | 4Ω 59 | 16°23 | 28°28 | 18° 7 | 24°39 | 18°14 | 8°58 | 12°29 | 29° 1 | 26°59 | 25°34 | 13°20 | 8°53 | M21 |
| T 22 | 2 2 47 | 28°52'25 | 18°28 | 18°10 | 29°40 | 18°44 | 24°51 | 18°21 | 8°56 | 12°30 | 29° 3 | 26°59 | 25°31 | 13°27 | 8°54 | T 22 |
| W23 | 2 6 44 | 29°51'18 | 1 Mp 41 | 19°57 | 0 , ₹53 | 19°21 | 25° 3 | 18°27 | 8°54 | 12°32 | 29° 5 | 26°R59 | 25°28 | 13°33 | 8°54 | W23 |
| T 24 | 2 10 41 | 0M 50'13 | 14°40 | 21°45 | 2° 6 | 19°58 | 25°14 | 18°33 | 8°53 | 12°34 | 29° 7 | 26°58 | 25°25 | 13°40 | 8°55 | T 24 |
| F 25 | 2 14 37 | 1°49'11 | 27°25 | 23°33 | 3°19 | 20°35 | 25°26 | 18°40 | 8°51 | 12°36 | 29° 8 | 26°54 | 25°21 | 13°47 | 8°55 | F 25 |
| S 26 | 2 18 34 | 2°48'10 | 10 ₾ 0 | 25°21 | 4°32 | 21°12 | 25°38 | 18°46 | 8°49 | 12°38 | 29°10 | 26°47 | 25°18 | 13°53 | 8°56 | S 26 |
| S 27 | 2 22 30 | 3°47'12 | 22°25 | 27° 9 | 5°45 | 21°49 | 25°49 | 18°52 | 8°47 | 12°39 | 29°12 | 26°38 | 25°15 | 14° 0 | 8°57 | S 27 |
| M28 | 2 26 27 | 4°46'16 | 4 M .41 | 28°57 | 6°58 | 22°26 | 26° 1 | 18°58 | 8°45 | 12°41 | 29°14 | 26°26 | 25°12 | 14° 7 | 8°58 | M28 |
| T 29 | 2 30 23 | 5°45'21 | 16°49 | 0 M .44 | 8°10 | 23° 3 | 26°12 | 19° 5 | 8°43 | 12°43 | 29°16 | 26°14 | 25° 9 | 14°14 | 8°59 | T 29 |
| W30 | 2 34 20 | 6°44'29 | 28°50 | 2°30 | 9°23 | 23°40 | 26°24 | 19°11 | 8°41 | 12°45 | 29°17 | 26° 0 | 25° 6 | 14°20 | 9° 0 | W30 |
| T 31 | 2 38 16 | 7 111 43'39 | 10 才 44 | 4 M .16 | 10 ₮ 36 | 24 Mp 17 | 26Mp35 | 19 M)17 | 8耳39 | 12 ,7 47 | 29 Mp 19 | 25 Ω 48 | 25 Ω 2 | 14 × 727 | 9≈ 1 | T 31 |

Delta T = 01h54m42s

NOVEMBER 3450 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q | ♂ | 4 | ħ |)f(| 并 | Р | 'n | ß | Ç | Q K | Day |
|------|---------|--------------------|----------------|----------------|-----------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|--------|------|
| F 1 | 2 42 13 | 8M42'50 | 22 × 35 | 6M 2 | 11 .7 49 | 24 Mp 54 | 26Mp46 | 19 m 23 | 8°R37 | 12 × 749 | 29 m 21 | 25°R38 | 24 Q 59 | 14 ∡ ³34 | 9≈ 2 | F 1 |
| S 2 | 2 46 10 | 9°42'03 | 4 궁 25 | 7°47 | 13° 1 | 25°30 | 26°58 | 19°28 | 8 Ⅱ 35 | 12°51 | 29°22 | 25 Ω 30 | 24°56 | 14°40 | 9° 4 | S 2 |
| S 3 | 2 50 6 | 10°41'18 | 16°17 | 9°31 | 14°14 | 26° 7 | 27° 9 | 19°34 | 8°33 | 12°53 | 29°24 | 25°25 | 24°53 | 14°47 | 9° 5 | S 3 |
| M 4 | 2 54 3 | 11°40'35 | 28°15 | 11°14 | 15°27 | 26°44 | 27°20 | 19°40 | 8°31 | 12°55 | 29°26 | 25°23 | 24°50 | 14°54 | 9° 6 | M 4 |
| T 5 | 2 57 59 | 12°39'53 | 10≈25 | 12°57 | 16°40 | 27°20 | 27°31 | 19°46 | 8°29 | 12°57 | 29°27 | 25°D22 | 24°47 | 15° 1 | 9° 8 | T 5 |
| W 6 | 3 1 56 | 13°39'13 | 22°53 | 14°39 | 17°52 | 27°57 | 27°42 | 19°51 | 8°27 | 12°59 | 29°29 | 25°R22 | 24°43 | 15° 7 | 9° 9 | W 6 |
| T 7 | 3 5 52 | 14°38'35 | 5) (42 | 16°20 | 19° 5 | 28°33 | 27°52 | 19°57 | 8°25 | 13° 1 | 29°30 | 25°22 | 24°40 | 15°14 | 9°11 | T 7 |
| F 8 | 3 9 49 | 15°37'58 | 18°58 | 18° 1 | 20°17 | 29°10 | 28° 3 | 20° 2 | 8°22 | 13° 3 | 29°32 | 25°20 | 24°37 | 15°21 | 9°13 | F 8 |
| S 9 | 3 13 45 | 16°37'23 | 2 Ƴ 43 | 19°41 | 21°30 | 29°46 | 28°14 | 20° 7 | 8°20 | 13° 5 | 29°33 | 25°16 | 24°34 | 15°27 | 9°15 | S 9 |
| S 10 | 3 17 42 | 17°36'50 | 16°57 | 21°20 | 22°42 | 0 ≏ 23 | 28°24 | 20°13 | 8°18 | 13° 7 | 29°35 | 25° 9 | 24°31 | 15°34 | 9°16 | S 10 |
| M11 | 3 21 38 | 18°36'18 | 1839 | 22°59 | 23°55 | 0°59 | 28°35 | 20°18 | 8°16 | 13° 9 | 29°36 | 25° 0 | 24°27 | 15°41 | 9°18 | M11 |
| T 12 | 3 25 35 | 19°35'48 | 16°41 | 24°37 | 25° 7 | 1°35 | 28°45 | 20°23 | 8°13 | 13°11 | 29°38 | 24°49 | 24°24 | 15°48 | 9°20 | T 12 |
| W13 | 3 29 32 | 20°35'21 | 1∏54 | 26°14 | 26°20 | 2°11 | 28°55 | 20°28 | 8°11 | 13°13 | 29°39 | 24°37 | 24°21 | 15°54 | 9°23 | W13 |
| T 14 | 3 33 28 | 21°34'55 | 17° 8 | 27°51 | 27°32 | 2°47 | 29° 6 | 20°33 | 8° 9 | 13°15 | 29°41 | 24°27 | 24°18 | 16° 1 | 9°25 | T 14 |
| F 15 | 3 37 25 | 22°34'32 | 29510 | 29°27 | 28°44 | 3°23 | 29°16 | 20°38 | 8° 6 | 13°17 | 29°42 | 24°18 | 24°15 | 16° 8 | 9°27 | F 15 |
| S 16 | 3 41 21 | 23°34'10 | 16°54 | 1 才 3 | 29°57 | 4° 0 | 29°26 | 20°43 | 8° 4 | 13°19 | 29°43 | 24°13 | 24°12 | 16°14 | 9°29 | S 16 |
| S 17 | 3 45 18 | 24°33'51 | 1 Ω 13 | 2°38 | 1る 9 | 4°36 | 29°36 | 20°48 | 8° 2 | 13°22 | 29°45 | 24° 9 | 24° 8 | 16°21 | 9°32 | S 17 |
| M18 | 3 49 14 | 25°33'34 | 15° 7 | 4°13 | 2°21 | 5°11 | 29°45 | 20°53 | 7°59 | 13°24 | 29°46 | 24° 8 | 24° 5 | 16°28 | 9°34 | M18 |
| T 19 | 3 53 11 | 26°33'19 | 28°36 | 5°47 | 3°33 | 5°47 | 29°55 | 20°57 | 7°57 | 13°26 | 29°47 | 24° 8 | 24° 2 | 16°35 | 9°36 | T 19 |
| W20 | 3 57 8 | 27°33'07 | 11 m 43 | 7°20 | 4°46 | 6°23 | 0 ₽ 5 | 21° 2 | 7°54 | 13°28 | 29°49 | 24° 8 | 23°59 | 16°41 | 9°39 | W20 |
| T 21 | 4 1 4 | 28°32'56 | 24°31 | 8°53 | 5°58 | 6°59 | 0°14 | 21° 6 | 7°52 | 13°30 | 29°50 | 24° 6 | 23°56 | 16°48 | 9°42 | T 21 |
| F 22 | 4 5 1 | 29°32'47 | 7 ♀ 4 | 10°26 | 7°10 | 7°35 | 0°24 | 21°10 | 7°49 | 13°32 | 29°51 | 24° 1 | 23°53 | 16°55 | 9°44 | F 22 |
| S 23 | 4 8 57 | 0 ∡ 32'41 | 19°25 | 11°58 | 8°22 | 8°10 | 0°33 | 21°15 | 7°47 | 13°35 | 29°52 | 23°54 | 23°49 | 17° 1 | 9°47 | S 23 |
| S 24 | 4 12 54 | 1°32'37 | 1 M 37 | 13°30 | 9°34 | 8°46 | 0°42 | 21°19 | 7°45 | 13°37 | 29°54 | 23°43 | 23°46 | 17° 8 | 9°50 | S 24 |
| M25 | 4 16 50 | 2°32'34 | 13°42 | 15° 1 | 10°46 | 9°22 | 0°51 | 21°23 | 7°42 | 13°39 | 29°55 | 23°31 | 23°43 | 17°15 | 9°53 | M25 |
| T 26 | 4 20 47 | 3°32'34 | 25°41 | 16°32 | 11°58 | 9°57 | 1° 0 | 21°27 | 7°40 | 13°41 | 29°56 | 23°16 | 23°40 | 17°22 | 9°56 | T 26 |
| W27 | 4 24 43 | 4°32'35 | 7 . ₹36 | 18° 2 | 13°10 | 10°32 | 1° 9 | 21°31 | 7°37 | 13°44 | 29°57 | 23° 2 | 23°37 | 17°28 | 9°59 | W27 |
| T 28 | 4 28 40 | 5°32'38 | 19°28 | 19°32 | 14°22 | 11° 8 | 1°18 | 21°35 | 7°35 | 13°46 | 29°58 | 22°48 | 23°33 | 17°35 | 10° 2 | T 28 |
| F 29 | 4 32 37 | 6°32'43 | 1절18 | 21° 1 | 15°34 | 11°43 | 1°26 | 21°38 | 7°32 | 13°48 | 29°59 | 22°36 | 23°30 | 17°42 | 10° 5 | F 29 |
| S 30 | 4 36 33 | 7 . ₹132'50 | 13 る 8 | 22 × 30 | 16 පි 45 | 12 ≏ 18 | 1 ≏ 35 | 21 Mp 42 | 7 II 30 | 13 ,7 50 | 0 亚 0 | $22\Omega 27$ | 23 N 27 | 17 , 748 | 10≈ 8 | S 30 |

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| S 1 | 4 40 30 | 8 ₹ ³32'58 | 25 ට 1 | 23 √ 59 | 17 る 57 | 12 ≏ 54 | 1 ≏ 43 | 21 Mp 46 | 7°R27 | 13 × 752 | 0 º 1 | 22°R21 | 23 Ω 24 | 17 .7 55 | 10≈11 | S 1 |
| M 2 | 4 44 26 | 9°33'08 | 7≈ 1 | 25°27 | 19° 9 | 13°29 | 1°51 | 21°49 | 7 Ⅱ 25 | 13°55 | 0° 2 | 22 Ω 18 | 23°21 | 18° 2 | 10°15 | M 2 |
| T 3 | 4 48 23 | 10°33'19 | 19°10 | 26°54 | 20°21 | 14° 4 | 2° 0 | 21°52 | 7°22 | 13°57 | 0° 3 | 22°D17 | 23°18 | 18° 9 | 10°18 | T 3 |
| W 4 | 4 52 19 | 11°33'32 | 1) (34 | 28°21 | 21°32 | 14°39 | 2° 8 | 21°56 | 7°20 | 13°59 | 0° 4 | 22°17 | 23°14 | 18°15 | 10°22 | W 4 |
| T 5 | 4 56 16 | 12°33'46 | 14°18 | 29°48 | 22°44 | 15°14 | 2°15 | 21°59 | 7°17 | 14° 1 | 0° 5 | 22°R17 | 23°11 | 18°22 | 10°25 | T 5 |
| F 6 | 5 0 12 | 13°34'01 | 27°26 | 1 ਰ 14 | 23°55 | 15°49 | 2°23 | 22° 2 | 7°15 | 14° 4 | 0° 5 | 22°17 | 23° 8 | 18°29 | 10°29 | F 6 |
| S 7 | 5 4 9 | 14°34'18 | 11 ° 3 | 2°39 | 25° 7 | 16°23 | 2°31 | 22° 5 | 7°12 | 14° 6 | 0° 6 | 22°14 | 23° 5 | 18°35 | 10°32 | S 7 |
| S 8 | 5 8 6 | 15°34'36 | 25° 9 | 4° 3 | 26°18 | 16°58 | 2°38 | 22° 8 | 7°10 | 14° 8 | 0° 7 | 22° 8 | 23° 2 | 18°42 | 10°36 | S 8 |
| M 9 | 5 12 2 | 16°34'55 | 9 8 45 | 5°27 | 27°29 | 17°33 | 2°46 | 22°10 | 7°8 | 14°10 | 0° 8 | 22° 1 | 22°59 | 18°49 | 10°40 | M 9 |
| T 10 | 5 15 59 | 17°35'16 | 24°45 | 6°49 | 28°41 | 18° 7 | 2°53 | 22°13 | 7° 5 | 14°13 | 0° 9 | 21°51 | 22°55 | 18°56 | 10°43 | T 10 |
| W11 | 5 19 55 | 18°35'38 | 10 I 1 | 8°11 | 29°52 | 18°42 | 3° 0 | 22°15 | 7° 3 | 14°15 | 0° 9 | 21°42 | 22°52 | 19° 2 | 10°47 | W11 |
| T 12 | 5 23 52 | 19°36'02 | 25°23 | 9°32 | 1≈ 3 | 19°16 | 3° 7 | 22°18 | 7° 0 | 14°17 | 0°10 | 21°32 | 22°49 | 19° 9 | 10°51 | T 12 |
| F 13 | 5 27 48 | 20°36'27 | 10938 | 10°51 | 2°14 | 19°51 | 3°14 | 22°20 | 6°58 | 14°19 | 0°11 | 21°25 | 22°46 | 19°16 | 10°55 | F 13 |
| S 14 | 5 31 45 | 21°36'54 | 25°36 | 12° 9 | 3°25 | 20°25 | 3°20 | 22°22 | 6°56 | 14°22 | 0°11 | 21°20 | 22°43 | 19°22 | 10°59 | S 14 |
| S 15 | 5 35 41 | 22°37'23 | 10Ω11 | 13°25 | 4°36 | 20°59 | 3°27 | 22°25 | 6°53 | 14°24 | 0°12 | 21°17 | 22°39 | 19°29 | 11° 3 | S 15 |
| M16 | 5 39 38 | 23°37'53 | 24°17 | 14°40 | 5°46 | 21°33 | 3°33 | 22°27 | 6°51 | 14°26 | 0°12 | 21°D17 | 22°36 | 19°36 | 11° 7 | M16 |
| T 17 | 5 43 35 | 24°38'25 | 7 m 55 | 15°52 | 6°57 | 22° 7 | 3°39 | 22°29 | 6°48 | 14°28 | 0°13 | 21°17 | 22°33 | 19°42 | 11°11 | T 17 |
| W18 | 5 47 31 | 25°38'59 | 21° 7 | 17° 2 | 8° 8 | 22°41 | 3°45 | 22°30 | 6°46 | 14°31 | 0°13 | 21°R18 | 22°30 | 19°49 | 11°15 | W18 |
| T 19 | 5 51 28 | 26°39'34 | 3 ≏ 55 | 18°10 | 9°18 | 23°15 | 3°51 | 22°32 | 6°44 | 14°33 | 0°14 | 21°18 | 22°27 | 19°56 | 11°19 | T 19 |
| F 20 | 5 55 24 | 27°40'11 | 16°25 | 19°14 | 10°29 | 23°49 | 3°57 | 22°34 | 6°42 | 14°35 | 0°14 | 21°16 | 22°24 | 20° 3 | 11°24 | F 20 |
| S 21 | 5 59 21 | 28°40'49 | 28°41 | 20°15 | 11°39 | 24°23 | 4° 2 | 22°35 | 6°39 | 14°37 | 0°14 | 21°12 | 22°20 | 20° 9 | 11°28 | S 21 |
| S 22 | 6 3 17 | 29°41'29 | 10 M 45 | 21°12 | 12°49 | 24°57 | 4° 8 | 22°36 | 6°37 | 14°39 | 0°15 | 21° 5 | 22°17 | 20°16 | 11°32 | S 22 |
| M23 | 6 7 14 | 0 궁 42'10 | 22°43 | 22° 5 | 13°59 | 25°30 | 4°13 | 22°38 | 6°35 | 14°42 | 0°15 | 20°57 | 22°14 | 20°23 | 11°37 | M23 |
| T 24 | 6 11 10 | 1°42'53 | 4 ₹ 36 | 22°52 | 15° 9 | 26° 4 | 4°18 | 22°39 | 6°33 | 14°44 | 0°15 | 20°47 | 22°11 | 20°29 | 11°41 | T 24 |
| W25 | 6 15 7 | 2°43'37 | 16°28 | 23°33 | 16°19 | 26°37 | 4°23 | 22°40 | 6°31 | 14°46 | 0°16 | 20°37 | 22° 8 | 20°36 | 11°45 | W25 |
| T 26 | 6 19 4 | 3°44'23 | 28°19 | 24° 8 | 17°29 | 27°11 | 4°28 | 22°41 | 6°28 | 14°48 | 0°16 | 20°27 | 22° 5 | 20°43 | 11°50 | T 26 |
| F 27 | 6 23 0 | 4°45'09 | 10 ਰ 11 | 24°36 | 18°39 | 27°44 | 4°32 | 22°42 | 6°26 | 14°50 | 0°16 | 20°19 | 22° 1 | 20°50 | 11°54 | F 27 |
| S 28 | 6 26 57 | 5°45'57 | 22° 6 | 24°55 | 19°49 | 28°17 | 4°37 | 22°42 | 6°24 | 14°52 | 0°16 | 20°13 | 21°58 | 20°56 | 11°59 | S 28 |
| S 29 | 6 30 53 | 6°46'46 | 4≈ 6 | 25° 5 | 20°58 | 28°50 | 4°41 | 22°43 | 6°22 | 14°54 | 0°16 | 20°10 | 21°55 | 21° 3 | 12° 4 | S 29 |
| M30 | 6 34 50 | 7°47'36 | 16°13 | 25°R 5 | 22° 8 | 29°23 | 4°45 | 22°43 | 6°20 | 14°57 | 0°16 | 20°D 8 | 21°52 | 21°10 | 12° 8 | M30 |
| T 31 | 6 38 46 | 8 궁 48'26 | 28≈29 | 24 궁 55 | 23≈17 | 29 ≏ 56 | 4 Ω 49 | 22 Mp 44 | 6 Ⅱ 18 | 14 ×7 59 | 0 ჲ 17 | 20 N 8 | 21 Ω 49 | 21 × 16 | 12≈13 | T 31 |

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|------|---------|------------------|----------------|----------------|----------------|-----------------|---------------|----------|---------------|-----------------|---------------|----------------|----------------|-----------------|-------|------|
| W 1 | 6 42 43 | 9 ප 49'17 | 10 ¥ 58 | 24°R33 | 24≈26 | 0 M 29 | 4 ₽ 52 | 22 Mp 44 | 6°R16 | 15 × 7 1 | 0°R17 | 20Ω10 | 21\$\Omega45\$ | 21 × 23 | 12≈18 | W 1 |
| T 2 | 6 46 40 | 10°50'09 | 23°44 | 24る 0 | 25°35 | 1° 1 | 4°56 | 22°44 | 6 Ⅱ 14 | 15° 3 | 0 ჲ 17 | 20°11 | 21°42 | 21°30 | 12°22 | T 2 |
| F 3 | 6 50 36 | 11°51'02 | 6 Ƴ 49 | 23°16 | 26°44 | 1°34 | 4°59 | 22°R44 | 6°12 | 15° 5 | 0°17 | 20°R12 | 21°39 | 21°36 | 12°27 | F 3 |
| S 4 | 6 54 33 | 12°51'55 | 20°17 | 22°21 | 27°52 | 2° 6 | 5° 2 | 22°44 | 6°11 | 15° 7 | 0°16 | 20°12 | 21°36 | 21°43 | 12°32 | S 4 |
| S 5 | 6 58 29 | 13°52'49 | 4 8 11 | 21°16 | 29° 1 | 2°39 | 5° 5 | 22°44 | 6° 9 | 15° 9 | 0°16 | 20°11 | 21°33 | 21°50 | 12°37 | S 5 |
| M 6 | 7 2 26 | 14°53'43 | 18°30 | 20° 3 | 0 ∺ 9 | 3°11 | 5° 8 | 22°44 | 6° 7 | 15°11 | 0°16 | 20° 7 | 21°30 | 21°57 | 12°42 | M 6 |
| T 7 | 7 6 22 | 15°54'38 | 3 Ⅱ 13 | 18°44 | 1°18 | 3°43 | 5°11 | 22°43 | 6° 5 | 15°13 | 0°16 | 20° 3 | 21°26 | 22° 3 | 12°47 | T 7 |
| W 8 | 7 10 19 | 16°55'33 | 18°13 | 17°22 | 2°26 | 4°15 | 5°13 | 22°43 | 6° 4 | 15°15 | 0°16 | 19°58 | 21°23 | 22°10 | 12°51 | W 8 |
| T 9 | 7 14 15 | 17°56'29 | 3923 | 15°59 | 3°33 | 4°47 | 5°16 | 22°42 | 6° 2 | 15°17 | 0°16 | 19°53 | 21°20 | 22°17 | 12°56 | T 9 |
| F 10 | 7 18 12 | 18°57'26 | 18°32 | 14°38 | 4°41 | 5°19 | 5°18 | 22°41 | 6° 0 | 15°19 | 0°15 | 19°49 | 21°17 | 22°23 | 13° 1 | F 10 |
| S 11 | 7 22 9 | 19°58'23 | 3 Ω 31 | 13°22 | 5°49 | 5°50 | 5°20 | 22°40 | 5°59 | 15°21 | 0°15 | 19°47 | 21°14 | 22°30 | 13° 6 | S 11 |
| S 12 | 7 26 5 | 20°59'21 | 18°12 | 12°13 | 6°56 | 6°22 | 5°21 | 22°39 | 5°57 | 15°23 | 0°15 | 19°D46 | 21°11 | 22°37 | 13°11 | S 12 |
| M13 | 7 30 2 | 22° 0'20 | 2 Mp 28 | 11°12 | 8° 3 | 6°53 | 5°23 | 22°38 | 5°56 | 15°25 | 0°15 | 19°46 | 21° 7 | 22°44 | 13°16 | M13 |
| T 14 | 7 33 58 | 23° 1'20 | 16°17 | 10°22 | 9°10 | 7°25 | 5°24 | 22°37 | 5°54 | 15°27 | 0°14 | 19°47 | 21° 4 | 22°50 | 13°21 | T 14 |
| W15 | 7 37 55 | 24° 2'20 | 29°38 | 9°42 | 10°16 | 7°56 | 5°25 | 22°36 | 5°53 | 15°28 | 0°14 | 19°49 | 21° 1 | 22°57 | 13°27 | W15 |
| T 16 | 7 41 51 | 25° 3'21 | 12 ≏ 34 | 9°13 | 11°23 | 8°27 | 5°26 | 22°34 | 5°51 | 15°30 | 0°13 | 19°50 | 20°58 | 23° 4 | 13°32 | T 16 |
| F 17 | 7 45 48 | 26° 4'22 | 25° 8 | 8°55 | 12°29 | 8°58 | 5°27 | 22°33 | 5°50 | 15°32 | 0°13 | 19°R51 | 20°55 | 23°10 | 13°37 | F 17 |
| S 18 | 7 49 44 | 27° 5'25 | 7 M 25 | 8°D47 | 13°35 | 9°29 | 5°27 | 22°31 | 5°49 | 15°34 | 0°12 | 19°51 | 20°51 | 23°17 | 13°42 | S 18 |
| S 19 | 7 53 41 | 28° 6'28 | 19°29 | 8°48 | 14°41 | 9°59 | 5°28 | 22°30 | 5°47 | 15°36 | 0°12 | 19°49 | 20°48 | 23°24 | 13°47 | S 19 |
| M20 | 7 57 38 | 29° 7'32 | 1 ₹ 24 | 8°59 | 15°46 | 10°30 | 5°R28 | 22°28 | 5°46 | 15°37 | 0°11 | 19°47 | 20°45 | 23°30 | 13°52 | M20 |
| T 21 | 8 1 34 | 0≈ 8'36 | 13°15 | 9°18 | 16°51 | 11° 0 | 5°28 | 22°26 | 5°45 | 15°39 | 0°11 | 19°44 | 20°42 | 23°37 | 13°57 | T 21 |
| W22 | 8 5 31 | 1° 9'41 | 25° 5 | 9°44 | 17°56 | 11°31 | 5°28 | 22°24 | 5°44 | 15°41 | 0°10 | 19°40 | 20°39 | 23°44 | 14° 3 | W22 |
| T 23 | 8 9 27 | 2°10'46 | 6 궁 58 | 10°18 | 19° 1 | 12° 1 | 5°27 | 22°22 | 5°43 | 15°43 | 0° 9 | 19°37 | 20°36 | 23°51 | 14° 8 | T 23 |
| F 24 | 8 13 24 | 3°11'51 | 18°55 | 10°57 | 20° 5 | 12°31 | 5°27 | 22°19 | 5°42 | 15°44 | 0° 9 | 19°35 | 20°32 | 23°57 | 14°13 | F 24 |
| S 25 | 8 17 20 | 4°12'57 | 0≈58 | 11°42 | 21° 9 | 13° 1 | 5°26 | 22°17 | 5°41 | 15°46 | 0° 8 | 19°33 | 20°29 | 24° 4 | 14°18 | S 25 |
| S 26 | 8 21 17 | 5°14'03 | 13°10 | 12°31 | 22°13 | 13°30 | 5°25 | 22°15 | 5°40 | 15°48 | 0° 7 | 19°32 | 20°26 | 24°11 | 14°24 | S 26 |
| M27 | 8 25 13 | 6°15'09 | 25°31 | 13°25 | 23°17 | 14° 0 | 5°24 | 22°12 | 5°39 | 15°49 | 0° 7 | 19°D32 | 20°23 | 24°17 | 14°29 | M27 |
| T 28 | 8 29 10 | 7°16'15 | 8 ∺ 3 | 14°22 | 24°20 | 14°29 | 5°22 | 22° 9 | 5°38 | 15°51 | 0° 6 | 19°33 | 20°20 | 24°24 | 14°34 | T 28 |
| W29 | 8 33 7 | 8°17'20 | 20°47 | 15°23 | 25°22 | 14°58 | 5°21 | 22° 7 | 5°37 | 15°52 | 0° 5 | 19°34 | 20°17 | 24°31 | 14°39 | W29 |
| T 30 | 8 37 3 | 9°18'26 | 3 Υ 45 | 16°27 | 26°25 | 15°27 | 5°19 | 22° 4 | 5°37 | 15°54 | 0° 4 | 19°35 | 20°13 | 24°37 | 14°45 | T 30 |
| F 31 | 8 41 0 | 10≈19'31 | 16 Ƴ 59 | 17 る 34 | 27 米 27 | 15 M .56 | 5 ≙ 17 | 22 Mg 1 | 5 Ⅱ 36 | 15 ₹ 55 | 0요 3 | 19 £ 36 | 20 Ω 10 | 24 × 744 | 14≈50 | F 31 |

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|------------|------------------|----------------------|------------------------|----------------|-----------------|----------------|---------------|----------------|---------------|-----------------|----------------|----------------|----------------|-----------------|-------|------------|
| S 1 | 8 44 56 | 11≈20'36 | 0829 | 18 ට 43 | 28) (29 | 16M25 | 5°R15 | 21°R58 | 5°R35 | 15 × 757 | 0°R 2 | 19 Ω 36 | 20Ω 7 | 24 × 751 | 14≈55 | S 1 |
| | | | | | | | | | | | | | | | | |
| S 2 | 8 48 53 | 12°21'40 | 14°17 | 19°54 | 29°30 | 16°53 | 5 Ω 12 | 21 m 55 | 5 Ⅱ 35 | 15°58 | 0요 1 | 19°R36 | 20° 4 | 24°58 | 15° 0 | S 2 |
| M 3 | 8 52 49 | 13°22'44 | 28°22 | 21° 7 | 0 Υ 31 | 17°21 | 5°10 | 21°52 | 5°34 | 16° 0 | 0° 1 | 19°36 | 20° 1 | 25° 4 | 15° 6 | M 3 |
| T 4 | 8 56 46 | 14°23'48 | 12 ∏ 44 | 22°22 | 1°31 | 17°49 | 5° 7 | 21°48 | 5°34 | 16° 1 | 29 m 59 | 19°36 | 19°57 | 25°11 | 15°11 | T 4 |
| W 5 | 9 0 42 | 15°24'51 | 27°19 | 23°39 | 2°31 | 18°17 | 5° 4 5° 1 | 21°45 | 5°33 | 16° 2 | 29°59 | 19°35 | 19°54 | 25°18 | 15°16 | W 5 |
| T 6 F 7 | 9 4 39 9 8 36 | 16°25'53 17°26'55 | 12 9 2 26°48 | 24°57 26°16 | 3°31 4°30 | 18°45 19°13 | - | 21°41 21°38 | 5°33 5°33 | 16° 4 16° 5 | 29°58 29°57 | 19°35 19°35 | 19°51 19°48 | 25°24 25°31 | 15°21 | T 6 F 7 |
| | | | | - | | - | 4°58 | | | | | | | | 15°27 | |
| S 8 | 9 12 32 | 18°27'57 | 11 £ 30 | 27°37 | 5°28 | 19°40 | 4°54 | 21°34 | 5°32 | 16° 6 | 29°55 | 19°34 | 19°45 | 25°38 | 15°32 | S 8 |
| S 9 | 9 16 29 | 19°28'58 | 25°59 | 28°58 | 6°26 | 20° 7 | 4°51 | 21°31 | 5°32 | 16° 8 | 29°54 | 19°34 | 19°42 | 25°44 | 15°37 | S 9 |
| M10 | 9 20 25 | 20°29'59 | 10 m /12 | 0≈21 | 7°24 | 20°34 | 4°47 | 21°27 | 5°32 | 16° 9 | 29°53 | 19°34 | 19°38 | 25°51 | 15°43 | M10 |
| T 11 | 9 24 22 | 21°30'59 | 24° 2 | 1°44 | 8°21 | 21° 1 | 4°43 | 21°23 | 5°32 | 16°10 | 29°52 | 19°34 | 19°35 | 25°58 | 15°48 | T 11 |
| W12 | 9 28 18 | 22°31'59 | 7 ≏ 28 | 3° 9 | 9°17 | 21°27 | 4°39 | 21°19 | 5°32 | 16°11 | 29°51 | 19°34 | 19°32 | 26° 4 | 15°53 | W12 |
| T 13 | 9 32 15 | 23°32'59 | 20°31 | 4°34 | 10°13 | 21°53 | 4°34 | 21°15 | 5°D32 | 16°12 | 29°50 | 19°34 | 19°29 | 26°11 | 15°58 | T 13 |
| F 14 | 9 36 11 | 24°33'58 | 3 M .12 | 6° 1 | 11° 8 | 22°19 | 4°30 | 21°11 | 5°32 | 16°13 | 29°49 | 19°33 | 19°26 | 26°18 | 16° 4 | F 14 |
| S 15 | 9 40 8 | 25°34'57 | 15°33 | 7°28 | 12° 3 | 22°45 | 4°25 | 21° 7 | 5°32 | 16°14 | 29°47 | 19°33 | 19°22 | 26°25 | 16° 9 | S 15 |
| S 16 | 9 44 5 | 26°35'56 | 27°40 | 8°55 | 12°57 | 23°11 | 4°20 | 21° 3 | 5°32 | 16°15 | 29°46 | 19°D33 | 19°19 | 26°31 | 16°14 | S 16 |
| M17 | 9 48 1 | 27°36'54 | 9 ∡ ³36 | 10°24 | 13°50 | 23°36 | 4°15 | 20°59 | 5°32 | 16°16 | 29°45 | 19°33 | 19°16 | 26°38 | 16°19 | M17 |
| T 18 | 9 51 58 | 28°37'52 | 21°27 | 11°53 | 14°42 | 24° 1 | 4°10 | 20°54 | 5°32 | 16°17 | 29°44 | 19°33 | 19°13 | 26°45 | 16°24 | T 18 |
| W19 | 9 55 54 | 29°38'50 | 3 ට 18 | 13°23 | 15°34 | 24°26 | 4° 5 | 20°50 | 5°33 | 16°18 | 29°42 | 19°34 | 19°10 | 26°51 | 16°29 | W19 |
| T 20 | 9 59 51 | 0) (39'47 | 15°12 | 14°54 | 16°25 | 24°51 | 3°59 | 20°46 | 5°33 | 16°19 | 29°41 | 19°36 | 19° 7 | 26°58 | 16°35 | T 20 |
| F 21 | 10 3 47 | 1°40'43 | 27°13 | 16°25 | 17°16 | 25°15 | 3°54 | 20°41 | 5°34 | 16°20 | 29°40 | 19°37 | 19° 3 | 27° 5 | 16°40 | F 21 |
| S 22 | 10 7 44 | 2°41'39 | 9≈24 | 17°57 | 18° 5 | 25°39 | 3°48 | 20°37 | 5°34 | 16°21 | 29°39 | 19°37 | 19° 0 | 27°11 | 16°45 | S 22 |
| S 23 | 10 11 40 | 3°42'33 | 21°48 | 19°30 | 18°54 | 26° 3 | 3°42 | 20°32 | 5°35 | 16°22 | 29°37 | 19°R38 | 18°57 | 27°18 | 16°50 | S 23 |
| M24 | 10 15 37 | 4°43'27 | 4) (27 | 21° 3 | 19°41 | 26°26 | 3°36 | 20°28 | 5°35 | 16°23 | 29°36 | 19°37 | 18°54 | 27°25 | 16°55 | M24 |
| T 25 | 10 19 34 | 5°44'21 | 17°20 | 22°37 | 20°28 | 26°49 | 3°30 | 20°23 | 5°36 | 16°23 | 29°34 | 19°36 | 18°51 | 27°31 | 17° 0 | T 25 |
| W26 | 10 23 30 | 6°45'13 | 0 Υ 28 | 24°12 | 21°14 | 27°12 | 3°24 | 20°19 | 5°36 | 16°24 | 29°33 | 19°34 | 18°48 | 27°38 | 17° 5 | W26 |
| T 27 | 10 27 27 | 7°46'03 | 13°50 | 25°48 | 21°59 | 27°35 | 3°17 | 20°14 | 5°37 | 16°25 | 29°32 | 19°31 | 18°44 | 27°45 | 17°10 | T 27 |
| F 28 | 10 31 23 | 8) 46'53 | 27 Y 24 | 27≈24 | 22 Y 43 | 27 M 57 | 3 ≏ 11 | 20 m 9 | 5 Ⅲ 38 | 16 ₹ 25 | 29 m 30 | 19 Ω 28 | 18 Ω 41 | 27 × 752 | 17≈15 | F 28 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)f(| 卉 | Р | ß | v | Ç | ę, | Day |
|------|----------|------------------|------------------|----------------|----------------|-----------------|----------------|-----------------|---------------|----------------|-----------------|----------------|----------------|-----------------|----------------|------|
| S 1 | 10 35 20 | 9) 47'42 | 11810 | 29≈ 1 | 23 Y 25 | 28 M .19 | 3°R 4 | 20°R 4 | 5 Ⅱ 39 | 16 ₹ 26 | 29°R29 | 19°R26 | 18 Ω 38 | 27 × 758 | 17 ≈ 20 | S 1 |
| S 2 | 10 39 16 | 10°48'29 | 25° 5 | 0) €39 | 24° 7 | 28°40 | 2 ჲ 57 | 20 m) 0 | 5°40 | 16°27 | 29 m)27 | 19 Ω 24 | 18°35 | 28° 5 | 17°25 | S 2 |
| M 3 | 10 43 13 | 11°49'15 | 9 I I 8 | 2°17 | 24°47 | 29° 2 | 2°50 | 19°55 | 5°41 | 16°27 | 29°26 | 19°D23 | 18°32 | 28°12 | 17°30 | M 3 |
| T 4 | 10 47 9 | 12°49'59 | 23°18 | 3°57 | 25°27 | 29°23 | 2°43 | 19°50 | 5°42 | 16°28 | 29°24 | 19°23 | 18°28 | 28°18 | 17°35 | T 4 |
| W 5 | 10 51 6 | 13°50'42 | 7932 | 5°37 | 26° 5 | 29°43 | 2°36 | 19°45 | 5°43 | 16°28 | 29°23 | 19°25 | 18°25 | 28°25 | 17°40 | W 5 |
| T 6 | 10 55 3 | 14°51'23 | 21°49 | 7°18 | 26°41 | 0 ∡ 3 | 2°29 | 19°40 | 5°44 | 16°29 | 29°21 | 19°26 | 18°22 | 28°32 | 17°45 | T 6 |
| F 7 | 10 58 59 | 15°52'03 | 6 N 5 | 9° 0 | 27°16 | 0°23 | 2°22 | 19°36 | 5°45 | 16°29 | 29°20 | 19°27 | 18°19 | 28°38 | 17°49 | F 7 |
| S 8 | 11 2 56 | 16°52'42 | 20°18 | 10°42 | 27°50 | 0°43 | 2°15 | 19°31 | 5°46 | 16°29 | 29°18 | 19°R28 | 18°16 | 28°45 | 17°54 | S 8 |
| S 9 | 11 6 52 | 17°53'19 | 4 Mp 23 | 12°26 | 28°23 | 1° 2 | 2° 7 | 19°26 | 5°47 | 16°30 | 29°17 | 19°27 | 18°13 | 28°52 | 17°59 | S 9 |
| M10 | 11 10 49 | 18°53'54 | 18°16 | 14°10 | 28°53 | 1°21 | 2° 0 | 19°21 | 5°48 | 16°30 | 29°15 | 19°25 | 18° 9 | 28°58 | 18° 4 | M10 |
| T 11 | 11 14 45 | 19°54'28 | 1 ≙ 54 | 15°55 | 29°22 | 1°39 | 1°52 | 19°16 | 5°50 | 16°30 | 29°14 | 19°21 | 18° 6 | 29° 5 | 18° 8 | T 11 |
| W12 | 11 18 42 | 20°55'01 | 15°14 | 17°41 | 29°50 | 1°57 | 1°45 | 19°11 | 5°51 | 16°31 | 29°12 | 19°16 | 18° 3 | 29°12 | 18°13 | W12 |
| T 13 | 11 22 38 | 21°55'33 | 28°15 | 19°28 | 0816 | 2°15 | 1°37 | 19° 6 | 5°53 | 16°31 | 29°11 | 19°10 | 18° 0 | 29°19 | 18°18 | T 13 |
| F 14 | 11 26 35 | 22°56'03 | 10 M .56 | 21°16 | 0°40 | 2°32 | 1°29 | 19° 2 | 5°54 | 16°31 | 29° 9 | 19° 5 | 17°57 | 29°25 | 18°22 | F 14 |
| S 15 | 11 30 31 | 23°56'32 | 23°20 | 23° 4 | 1° 2 | 2°49 | 1°22 | 18°57 | 5°56 | 16°31 | 29° 8 | 19° 0 | 17°54 | 29°32 | 18°27 | S 15 |
| S 16 | 11 34 28 | 24°57'00 | 5 ₹ 29 | 24°54 | 1°22 | 3° 5 | 1°14 | 18°52 | 5°57 | 16°31 | 29° 6 | 18°56 | 17°50 | 29°39 | 18°31 | S 16 |
| M17 | 11 38 25 | 25°57'27 | 17°27 | 26°44 | 1°41 | 3°21 | 1° 6 | 18°47 | 5°59 | 16°31 | 29° 5 | 18°54 | 17°47 | 29°45 | 18°36 | M17 |
| T 18 | 11 42 21 | 26°57'53 | 29°19 | 28°35 | 1°57 | 3°36 | 0°58 | 18°42 | 6° 0 | 16°31 | 29° 3 | 18°D54 | 17°44 | 29°52 | 18°40 | T 18 |
| W19 | 11 46 18 | 27°58'17 | 11 궁 9 | 0 Υ 27 | 2°11 | 3°51 | 0°50 | 18°37 | 6° 2 | 16°R31 | 29° 2 | 18°55 | 17°41 | 29°59 | 18°45 | W19 |
| T 20 | 11 50 14 | 28°58'40 | 23° 3 | 2°20 | 2°23 | 4° 5 | 0°42 | 18°33 | 6° 4 | 16°31 | 29° 0 | 18°56 | 17°38 | 0중 5 | 18°49 | T 20 |
| F 21 | 11 54 11 | 29°59'02 | 5≈ 6 | 4°13 | 2°33 | 4°19 | 0°35 | 18°28 | 6° 6 | 16°31 | 28°58 | 18°58 | 17°34 | 0°12 | 18°53 | F 21 |
| S 22 | 11 58 7 | 0 ℃ 59′22 | 17°22 | 6° 7 | 2°41 | 4°33 | 0°27 | 18°23 | 6° 7 | 16°31 | 28°57 | 18°R59 | 17°31 | 0°19 | 18°57 | S 22 |
| S 23 | 12 2 4 | 1°59'41 | 29°56 | 8° 1 | 2°46 | 4°46 | 0°19 | 18°19 | 6° 9 | 16°31 | 28°55 | 18°58 | 17°28 | 0°25 | 19° 2 | S 23 |
| M24 | 12 6 0 | 2°59'58 | 12) (48 | 9°56 | 2°49 | 4°58 | 0°11 | 18°14 | 6°11 | 16°31 | 28°54 | 18°56 | 17°25 | 0°32 | 19° 6 | M24 |
| T 25 | 12 9 57 | 4° 0'14 | 26° 1 | 11°51 | 2°R50 | 5°10 | 0° 3 | 18° 9 | 6°13 | 16°31 | 28°52 | 18°51 | 17°22 | 0°39 | 19°10 | T 25 |
| W26 | 12 13 54 | 5° 0'28 | 9 Ƴ 33 | 13°45 | 2°48 | 5°21 | 29 m 55 | 18° 5 | 6°15 | 16°31 | 28°51 | 18°44 | 17°19 | 0°45 | 19°14 | W26 |
| T 27 | 12 17 50 | 6° 0'40 | 23°23 | 15°40 | 2°43 | 5°32 | 29°47 | 18° 0 | 6°17 | 16°30 | 28°49 | 18°36 | 17°15 | 0°52 | 19°18 | T 27 |
| F 28 | 12 21 47 | 7° 0'51 | 7 8 25 | 17°34 | 2°37 | 5°42 | 29°40 | 17°56 | 6°19 | 16°30 | 28°48 | 18°28 | 17°12 | 0°59 | 19°22 | F 28 |
| S 29 | 12 25 43 | 8° 0'59 | 21°37 | 19°27 | 2°27 | 5°52 | 29°32 | 17°51 | 6°22 | 16°30 | 28°46 | 18°21 | 17° 9 | 1° 5 | 19°26 | S 29 |
| S 30 | 12 29 40 | 9° 1'06 | 5 Ⅱ 52 | 21°18 | 2°15 | 6° 1 | 29°24 | 17°47 | 6°24 | 16°29 | 28°45 | 18°14 | 17° 6 | 1°12 | 19°30 | S 30 |
| M31 | 12 33 36 | 10 Υ 1'11 | 20耳 8 | 23 Y 9 | 28 1 | 6 ₹ 9 | 29 m 17 | 17 M)43 | 6 Ⅱ 26 | 16 × 29 | 28 m /43 | 18 Ω 11 | 17 0 3 | 1 궁 19 | 19 ≈ 34 | M31 |

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| Day | Sid.t | 0 | D | ğ | Q. | ♂ | 4 | ħ |)f(| ¥ | В | u | v | Ç | Š | Day |
|------|----------|------------------|----------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|----------------|----------------|---------------|----------------|------|
| T 1 | 12 37 33 | 11 ° 1'14 | 49520 | 24 Y 57 | 1°R44 | 6 √ 17 | 29°R 9 | 17°R38 | 6Д28 | 16°R28 | 28°R41 | 18°R 9 | 16 Ω 59 | 1 る 26 | 19 ≈ 38 | T 1 |
| W 2 | 12 41 29 | 12° 1'15 | 18°26 | 26°42 | 1825 | 6°24 | 29 Mp 1 | 17 m 34 | 6°31 | 16 ₹ 28 | 28 Mp 40 | 18°D 9 | 16°56 | 1°32 | 19°41 | W 2 |
| T 3 | 12 45 26 | 13° 1'13 | 2 Ω 27 | 28°25 | 1° 3 | 6°31 | 28°54 | 17°30 | 6°33 | 16°28 | 28°38 | $18\Omega10$ | 16°53 | 1°39 | 19°45 | T 3 |
| F 4 | 12 49 22 | 14° 1'09 | 16°20 | 0 8 4 | 0°40 | 6°36 | 28°47 | 17°26 | 6°35 | 16°27 | 28°37 | 18°R10 | 16°50 | 1°46 | 19°49 | F 4 |
| S 5 | 12 53 19 | 15° 1'04 | 0 m) 6 | 1°40 | 0°14 | 6°42 | 28°39 | 17°22 | 6°38 | 16°26 | 28°36 | 18°10 | 16°47 | 1°52 | 19°52 | S 5 |
| S 6 | 12 57 16 | 16° 0'56 | 13°44 | 3°11 | 29 Y 46 | 6°46 | 28°32 | 17°18 | 6°40 | 16°26 | 28°34 | 18° 7 | 16°44 | 1°59 | 19°56 | S 6 |
| M 7 | 13 1 12 | 17° 0'46 | 27°11 | 4°37 | 29°16 | 6°50 | 28°25 | 17°14 | 6°43 | 16°25 | 28°33 | 18° 1 | 16°40 | 2° 6 | 19°59 | M 7 |
| T 8 | 13 5 9 | 18° 0'34 | 10 ≏ 28 | 5°57 | 28°44 | 6°54 | 28°18 | 17°10 | 6°45 | 16°25 | 28°31 | 17°53 | 16°37 | 2°12 | 20° 3 | T 8 |
| W 9 | 13 9 5 | 19° 0'20 | 23°31 | 7°12 | 28°11 | 6°56 | 28°11 | 17° 6 | 6°48 | 16°24 | 28°30 | 17°43 | 16°34 | 2°19 | 20° 6 | W 9 |
| T 10 | 13 13 2 | 20° 0'05 | 6ML20 | 8°20 | 27°36 | 6°58 | 28° 4 | 17° 3 | 6°50 | 16°23 | 28°28 | 17°32 | 16°31 | 2°26 | 20° 9 | T 10 |
| F 11 | 13 16 58 | 20°59'47 | 18°54 | 9°21 | 27° 1 | 6°59 | 27°57 | 16°59 | 6°53 | 16°23 | 28°27 | 17°20 | 16°28 | 2°32 | 20°12 | F 11 |
| S 12 | 13 20 55 | 21°59'28 | 1 才 14 | 10°16 | 26°24 | 7°R 0 | 27°50 | 16°56 | 6°55 | 16°22 | 28°25 | 17°10 | 16°25 | 2°39 | 20°16 | S 12 |
| S 13 | 13 24 51 | 22°59'07 | 13°21 | 11° 3 | 25°47 | 6°59 | 27°44 | 16°52 | 6°58 | 16°21 | 28°24 | 17° 1 | 16°21 | 2°46 | 20°19 | S 13 |
| M14 | 13 28 48 | 23°58'45 | 25°18 | 11°42 | 25° 9 | 6°58 | 27°38 | 16°49 | 7° 1 | 16°20 | 28°23 | 16°55 | 16°18 | 2°52 | 20°22 | M14 |
| T 15 | 13 32 45 | 24°58'20 | 7 ろ 9 | 12°14 | 24°32 | 6°57 | 27°31 | 16°45 | 7° 4 | 16°19 | 28°21 | 16°51 | 16°15 | 2°59 | 20°25 | T 15 |
| W16 | 13 36 41 | 25°57'54 | 18°58 | 12°37 | 23°54 | 6°54 | 27°25 | 16°42 | 7° 6 | 16°18 | 28°20 | 16°49 | 16°12 | 3° 6 | 20°28 | W16 |
| T 17 | 13 40 38 | 26°57'27 | 0≈51 | 12°53 | 23°17 | 6°51 | 27°19 | 16°39 | 7° 9 | 16°18 | 28°19 | 16°D49 | 16° 9 | 3°12 | 20°31 | T 17 |
| F 18 | 13 44 34 | 27°56'57 | 12°53 | 13° 1 | 22°41 | 6°47 | 27°13 | 16°36 | 7°12 | 16°17 | 28°17 | 16°R49 | 16° 5 | 3°19 | 20°33 | F 18 |
| S 19 | 13 48 31 | 28°56'26 | 25°10 | 13°R 2 | 22° 5 | 6°42 | 27° 7 | 16°33 | 7°15 | 16°16 | 28°16 | 16°49 | 16° 2 | 3°26 | 20°36 | S 19 |
| S 20 | 13 52 27 | 29°55'54 | 7){ 46 | 12°55 | 21°30 | 6°36 | 27° 2 | 16°30 | 7°18 | 16°15 | 28°15 | 16°47 | 15°59 | 3°33 | 20°39 | S 20 |
| M21 | 13 56 24 | 0 8 55'19 | 20°45 | 12°40 | 20°57 | 6°30 | 26°56 | 16°27 | 7°21 | 16°14 | 28°13 | 16°43 | 15°56 | 3°39 | 20°41 | M21 |
| T 22 | 14 0 20 | 1°54'43 | 4 Υ 9 | 12°19 | 20°25 | 6°23 | 26°51 | 16°25 | 7°24 | 16°13 | 28°12 | 16°36 | 15°53 | 3°46 | 20°44 | T 22 |
| W23 | 14 4 17 | 2°54'05 | 17°58 | 11°52 | 19°55 | 6°15 | 26°45 | 16°22 | 7°27 | 16°12 | 28°11 | 16°27 | 15°50 | 3°53 | 20°47 | W23 |
| T 24 | 14 8 14 | 3°53'25 | 2810 | 11°20 | 19°27 | 6° 6 | 26°40 | 16°20 | 7°30 | 16°11 | 28°10 | 16°16 | 15°46 | 3°59 | 20°49 | T 24 |
| F 25 | 14 12 10 | 4°52'43 | 16°39 | 10°42 | 19° 1 | 5°57 | 26°35 | 16°17 | 7°33 | 16° 9 | 28° 9 | 16° 4 | 15°43 | 4° 6 | 20°51 | F 25 |
| S 26 | 14 16 7 | 5°51'59 | 1 I I18 | 10° 1 | 18°37 | 5°46 | 26°31 | 16°15 | 7°36 | 16° 8 | 28° 7 | 15°53 | 15°40 | 4°13 | 20°54 | S 26 |
| S 27 | 14 20 3 | 6°51'13 | 16° 0 | 9°17 | 18°15 | 5°35 | 26°26 | 16°13 | 7°39 | 16° 7 | 28° 6 | 15°44 | 15°37 | 4°19 | 20°56 | S 27 |
| M28 | 14 24 0 | 7°50'25 | 0ജ37 | 8°30 | 17°55 | 5°24 | 26°22 | 16°11 | 7°42 | 16° 6 | 28° 5 | 15°37 | 15°34 | 4°26 | 20°58 | M28 |
| T 29 | 14 27 56 | 8°49'35 | 15° 4 | 7°43 | 17°37 | 5°11 | 26°17 | 16° 9 | 7°45 | 16° 5 | 28° 4 | 15°33 | 15°31 | 4°33 | 21° 0 | T 29 |
| W30 | 14 31 53 | 9848'42 | 299517 | 6 8 55 | 17 Υ 22 | 4 ₹ 58 | 26 M 13 | 16M) 7 | 7 Ⅱ 48 | 16 才 4 | 28M) 3 | 15 Ω 32 | 15 Ω 27 | 4 る 39 | 21≈ 2 | W30 |

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|------|----------|------------------|----------------|----------------|----------------|----------------|----------------|--------|---------------|----------------|-----------------|----------------|----------------|---------------|--------|------|
| T 1 | 14 35 49 | 10847'47 | 13 Ω 15 | 6°R 8 | 17°R10 | 4°R44 | 26°R 9 | 16°R 5 | 7 Ⅱ 51 | 16°R 2 | 28°R 2 | 15°R32 | 15 Ω 24 | 4 ⋜ 46 | 21≈ 4 | T 1 |
| F 2 | 14 39 46 | 11°46'50 | 26°59 | 5 8 22 | 17 Y 0 | 4 ₹ 29 | 26Mp 5 | 16Mp 3 | 7°54 | 16 % 1 | 28 m) 1 | 15 Ω 31 | 15°21 | 4°53 | 21° 6 | F 2 |
| S 3 | 14 43 43 | 12°45'51 | 10 m 28 | 4°39 | 16°52 | 4°14 | 26° 2 | 16° 2 | 7°58 | 16° 0 | 28° 0 | 15°30 | 15°18 | 4°59 | 21° 8 | S 3 |
| S 4 | 14 47 39 | 13°44'49 | 23°45 | 3°58 | 16°47 | 3°58 | 25°58 | 16° 0 | 8° 1 | 15°59 | 27°59 | 15°26 | 15°15 | 5° 6 | 21° 9 | S 4 |
| M 5 | 14 51 36 | 14°43'45 | 6 ₽ 50 | 3°22 | 16°44 | 3°42 | 25°55 | 15°59 | 8° 4 | 15°57 | 27°58 | 15°19 | 15°11 | 5°13 | 21°11 | M 5 |
| T 6 | 14 55 32 | 15°42'39 | 19°45 | 2°49 | 16°D43 | 3°24 | 25°52 | 15°57 | 8° 7 | 15°56 | 27°57 | 15°10 | 15° 8 | 5°19 | 21°13 | T 6 |
| W 7 | 14 59 29 | 16°41'31 | 2 M 28 | 2°21 | 16°45 | 3° 7 | 25°49 | 15°56 | 8°11 | 15°55 | 27°56 | 14°58 | 15° 5 | 5°26 | 21°14 | W 7 |
| T 8 | 15 3 25 | 17°40'21 | 15° 0 | 1°58 | 16°49 | 2°48 | 25°47 | 15°55 | 8°14 | 15°53 | 27°55 | 14°44 | 15° 2 | 5°33 | 21°16 | T 8 |
| F 9 | 15 7 22 | 18°39'09 | 27°21 | 1°40 | 16°56 | 2°29 | 25°44 | 15°54 | 8°17 | 15°52 | 27°54 | 14°30 | 14°59 | 5°39 | 21°17 | F 9 |
| S 10 | 15 11 18 | 19°37'55 | 9 , ₹32 | 1°27 | 17° 5 | 2°10 | 25°42 | 15°53 | 8°21 | 15°50 | 27°53 | 14°18 | 14°56 | 5°46 | 21°18 | S 10 |
| S 11 | 15 15 15 | 20°36'40 | 21°34 | 1°19 | 17°16 | 1°50 | 25°40 | 15°53 | 8°24 | 15°49 | 27°52 | 14° 7 | 14°52 | 5°53 | 21°20 | S 11 |
| M12 | 15 19 11 | 21°35'22 | 3 云 27 | 1°D17 | 17°29 | 1°30 | 25°38 | 15°52 | 8°27 | 15°47 | 27°52 | 13°58 | 14°49 | 5°59 | 21°21 | M12 |
| T 13 | 15 23 8 | 22°34'03 | 15°17 | 1°20 | 17°44 | 1° 9 | 25°36 | 15°51 | 8°31 | 15°46 | 27°51 | 13°53 | 14°46 | 6° 6 | 21°22 | T 13 |
| W14 | 15 27 5 | 23°32'43 | 27° 5 | 1°27 | 18° 1 | 0°48 | 25°34 | 15°51 | 8°34 | 15°45 | 27°50 | 13°50 | 14°43 | 6°13 | 21°23 | W14 |
| T 15 | 15 31 1 | 24°31'21 | 8 ≈ 57 | 1°40 | 18°20 | 0°26 | 25°33 | 15°51 | 8°37 | 15°43 | 27°49 | 13°D49 | 14°40 | 6°19 | 21°24 | T 15 |
| F 16 | 15 34 58 | 25°29'57 | 20°57 | 1°57 | 18°41 | 0° 5 | 25°31 | 15°50 | 8°41 | 15°42 | 27°49 | 13°R49 | 14°36 | 6°26 | 21°25 | F 16 |
| S 17 | 15 38 54 | 26°28'31 | 3 ∺ 12 | 2°19 | 19° 3 | 29M43 | 25°30 | 15°50 | 8°44 | 15°40 | 27°48 | 13°49 | 14°33 | 6°33 | 21°26 | S 17 |
| S 18 | 15 42 51 | 27°27'04 | 15°46 | 2°45 | 19°28 | 29°20 | 25°30 | 15°D50 | 8°48 | 15°39 | 27°47 | 13°47 | 14°30 | 6°39 | 21°26 | S 18 |
| M19 | 15 46 47 | 28°25'35 | 28°44 | 3°16 | 19°54 | 28°58 | 25°29 | 15°50 | 8°51 | 15°37 | 27°47 | 13°44 | 14°27 | 6°46 | 21°27 | M19 |
| T 20 | 15 50 44 | 29°24'05 | 12 Y 10 | 3°50 | 20°22 | 28°36 | 25°28 | 15°50 | 8°54 | 15°36 | 27°46 | 13°38 | 14°24 | 6°53 | 21°28 | T 20 |
| W21 | 15 54 40 | 0∏22'33 | 26° 4 | 4°29 | 20°51 | 28°13 | 25°28 | 15°51 | 8°58 | 15°34 | 27°46 | 13°30 | 14°21 | 6°59 | 21°28 | W21 |
| T 22 | 15 58 37 | 1°21'00 | 10826 | 5°11 | 21°21 | 27°50 | 25°D28 | 15°51 | 9° 1 | 15°32 | 27°45 | 13°20 | 14°17 | 7° 6 | 21°29 | T 22 |
| F 23 | 16 2 34 | 2°19'25 | 25° 9 | 5°57 | 21°54 | 27°28 | 25°28 | 15°52 | 9° 5 | 15°31 | 27°45 | 13° 9 | 14°14 | 7°13 | 21°29 | F 23 |
| S 24 | 16 6 30 | 3°17'48 | 10耳 8 | 6°47 | 22°27 | 27° 5 | 25°28 | 15°52 | 9° 8 | 15°29 | 27°44 | 12°59 | 14°11 | 7°19 | 21°29 | S 24 |
| S 25 | 16 10 27 | 4°16'10 | 25°12 | 7°40 | 23° 2 | 26°43 | 25°29 | 15°53 | 9°12 | 15°28 | 27°44 | 12°51 | 14° 8 | 7°26 | 21°29 | S 25 |
| M26 | 16 14 23 | 5°14'30 | 109911 | 8°35 | 23°38 | 26°20 | 25°29 | 15°54 | 9°15 | 15°26 | 27°43 | 12°45 | 14° 5 | 7°33 | 21°30 | M26 |
| T 27 | 16 18 20 | 6°12'48 | 24°58 | 9°34 | 24°15 | 25°58 | 25°30 | 15°55 | 9°19 | 15°24 | 27°43 | 12°41 | 14° 2 | 7°40 | 21°R30 | T 27 |
| W28 | 16 22 16 | 7°11'04 | 9 Ω 26 | 10°36 | 24°54 | 25°36 | 25°31 | 15°56 | 9°22 | 15°23 | 27°43 | 12°D40 | 13°58 | 7°46 | 21°30 | W28 |
| T 29 | 16 26 13 | 8° 9'18 | 23°34 | 11°41 | 25°33 | 25°15 | 25°32 | 15°57 | 9°25 | 15°21 | 27°42 | 12°40 | 13°55 | 7°53 | 21°30 | T 29 |
| F 30 | 16 30 10 | 9° 7'30 | 7 m 20 | 12°48 | 26°14 | 24°53 | 25°33 | 15°58 | 9°29 | 15°20 | 27°42 | 12°R41 | 13°52 | 8° 0 | 21°29 | F 30 |
| S 31 | 16 34 6 | 10 Ⅱ 5'40 | 20 m 45 | 13 8 58 | 26 Y 56 | 24M32 | 25 m 35 | 16Mp 0 | 9∏32 | 15 才 18 | 27 m /42 | 12 Ω 40 | 13 Ω 49 | 8 ප 6 | 21≈29 | S 31 |

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| S 1 | 16 38 3 | 11 II 3'48 | 3 ₾ 53 | 15 8 11 | 27 Y 38 | 24°R12 | 25 m 37 | 16 m) 1 | 9Д36 | 15°R16 | 27°R41 | 12°R38 | 13 Ω 46 | 8 ට 13 | 21°R29 | S 1 |
| M 2 | 16 41 59 | 12° 1'54 | 16°45 | 16°26 | 28°22 | 23M52 | 25°39 | 16° 3 | 9°39 | 15 × 15 | 27 m /41 | 12 Ω 33 | 13°42 | 8°20 | 21≈28 | M 2 |
| T 3 | 16 45 56 | 12°59'58 | 29°23 | 17°43 | 29° 6 | 23°32 | 25°41 | 16° 5 | 9°43 | 15°13 | 27°41 | 12°26 | 13°39 | 8°26 | 21°28 | T 3 |
| W 4 | 16 49 52 | 13°58'01 | 11 M 50 | 19° 3 | 29°52 | 23°13 | 25°43 | 16° 6 | 9°46 | 15°12 | 27°41 | 12°17 | 13°36 | 8°33 | 21°27 | W 4 |
| T 5 | 16 53 49 | 14°56'02 | 24° 7 | 20°25 | 0 8 38 | 22°55 | 25°45 | 16° 8 | 9°50 | 15°10 | 27°41 | 12° 7 | 13°33 | 8°40 | 21°27 | T 5 |
| F 6 | 16 57 45 | 15°54'01 | 6 ₹ 15 | 21°50 | 1°25 | 22°37 | 25°48 | 16°10 | 9°53 | 15° 8 | 27°41 | 11°56 | 13°30 | 8°46 | 21°26 | F 6 |
| S 7 | 17 1 42 | 16°51'59 | 18°16 | 23°16 | 2°13 | 22°20 | 25°51 | 16°12 | 9°57 | 15° 7 | 27°41 | 11°46 | 13°27 | 8°53 | 21°26 | S 7 |
| S 8 | 17 5 39 | 17°49'56 | 0 ට 11 | 24°45 | 3° 2 | 22° 3 | 25°54 | 16°15 | 10° 0 | 15° 5 | 27°D41 | 11°38 | 13°23 | 9° 0 | 21°25 | S 8 |
| M 9 | 17 9 35 | 18°47'51 | 12° 1 | 26°17 | 3°51 | 21°47 | 25°57 | 16°17 | 10° 4 | 15° 3 | 27°41 | 11°32 | 13°20 | 9° 6 | 21°24 | M 9 |
| T 10 | 17 13 32 | 19°45'44 | 23°49 | 27°50 | 4°41 | 21°32 | 26° 0 | 16°19 | 10° 7 | 15° 2 | 27°41 | 11°28 | 13°17 | 9°13 | 21°23 | T 10 |
| W11 | 17 17 28 | 20°43'37 | 5≈38 | 29°26 | 5°32 | 21°17 | 26° 3 | 16°22 | 10°10 | 15° 0 | 27°41 | 11°26 | 13°14 | 9°20 | 21°22 | W11 |
| T 12 | 17 21 25 | 21°41'28 | 17°31 | 1 I I 4 | 6°24 | 21° 3 | 26° 7 | 16°24 | 10°14 | 14°59 | 27°41 | 11°D26 | 13°11 | 9°26 | 21°21 | T 12 |
| F 13 | 17 25 21 | 22°39'18 | 29°32 | 2°44 | 7°16 | 20°50 | 26°11 | 16°27 | 10°17 | 14°57 | 27°41 | 11°27 | 13° 8 | 9°33 | 21°20 | F 13 |
| S 14 | 17 29 18 | 23°37'07 | 11) (47 | 4°26 | 8° 8 | 20°38 | 26°15 | 16°30 | 10°21 | 14°55 | 27°41 | 11°28 | 13° 4 | 9°40 | 21°18 | S 14 |
| S 15 | 17 33 14 | 24°34'55 | 24°19 | 6°10 | 9° 2 | 20°26 | 26°19 | 16°33 | 10°24 | 14°54 | 27°41 | 11°R29 | 13° 1 | 9°46 | 21°17 | S 15 |
| M16 | 17 37 11 | 25°32'41 | 7 Ƴ 14 | 7°57 | 9°55 | 20°15 | 26°23 | 16°36 | 10°27 | 14°52 | 27°42 | 11°28 | 12°58 | 9°53 | 21°16 | M16 |
| T 17 | 17 41 8 | 26°30'27 | 20°35 | 9°46 | 10°50 | 20° 5 | 26°27 | 16°39 | 10°31 | 14°51 | 27°42 | 11°26 | 12°55 | 10° 0 | 21°14 | T 17 |
| W18 | 17 45 4 | 27°28'12 | 4 8 25 | 11°37 | 11°45 | 19°55 | 26°32 | 16°42 | 10°34 | 14°49 | 27°42 | 11°21 | 12°52 | 10° 6 | 21°13 | W18 |
| T 19 | 17 49 1 | 28°25'56 | 18°43 | 13°30 | 12°40 | 19°47 | 26°37 | 16°45 | 10°37 | 14°47 | 27°42 | 11°16 | 12°48 | 10°13 | 21°11 | T 19 |
| F 20 | 17 52 57 | 29°23'39 | 3 Ⅱ 27 | 15°25 | 13°36 | 19°39 | 26°41 | 16°48 | 10°41 | 14°46 | 27°43 | 11°10 | 12°45 | 10°20 | 21°10 | F 20 |
| S 21 | 17 56 54 | 09521'21 | 18°29 | 17°22 | 14°32 | 19°32 | 26°47 | 16°52 | 10°44 | 14°44 | 27°43 | 11° 4 | 12°42 | 10°26 | 21° 8 | S 21 |
| S 22 | 18 0 50 | 1°19'02 | 39542 | 19°22 | 15°29 | 19°26 | 26°52 | 16°55 | 10°47 | 14°43 | 27°44 | 10°58 | 12°39 | 10°33 | 21° 6 | S 22 |
| M23 | 18 447 | 2°16'42 | 18°54 | 21°23 | 16°26 | 19°21 | 26°57 | 16°59 | 10°51 | 14°41 | 27°44 | 10°55 | 12°36 | 10°40 | 21° 5 | M23 |
| T 24 | 18 8 43 | 3°14'20 | 3Ω 56 | 23°26 | 17°24 | 19°16 | 27° 3 | 17° 3 | 10°54 | 14°40 | 27°44 | 10°D53 | 12°33 | 10°46 | 21° 3 | T 24 |
| W25 | 18 12 40 | 4°11'58 | 18°40 | 25°31 | 18°22 | 19°13 | 27° 8 | 17° 7 | 10°57 | 14°38 | 27°45 | 10°54 | 12°29 | 10°53 | 21° 1 | W25 |
| T 26 | 18 16 37 | 5° 9'34 | 3 m) 1 | 27°38 | 19°20 | 19°10 | 27°14 | 17°11 | 11° 1 | 14°37 | 27°45 | 10°55 | 12°26 | 11° 0 | 20°59 | T 26 |
| F 27 | 18 20 33 | 6° 7'08 | 16°57 | 29°46 | 20°19 | 19°8 | 27°20 | 17°14 | 11° 4 | 14°35 | 27°46 | 10°56 | 12°23 | 11° 6 | 20°57 | F 27 |
| S 28 | 18 24 30 | 7° 4'42 | 0 <u>ჲ</u> 28 | 1956 | 21°18 | 19° 7 | 27°26 | 17°19 | 11° 7 | 14°34 | 27°47 | 10°57 | 12°20 | 11°13 | 20°55 | S 28 |
| S 29 | 18 28 26 | 8° 2'14 | 13°36 | 4° 6 | 22°17 | 19°D 6 | 27°32 | 17°23 | 11°10 | 14°32 | 27°47 | 10°R57 | 12°17 | 11°20 | 20°52 | S 29 |
| M30 | 18 32 23 | 8959'44 | 26 <u>₽</u> 24 | 69518 | 23817 | 19 M 7 | 27 m 39 | 17 m)27 | 11 II 13 | 14 × 31 | 27 m /48 | 10 £ 56 | $12\Omega14$ | 11 る 26 | 20≈50 | M30 |

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| T 1 | 18 36 19 | 957'14 | 8M.55 | 8©30 | 24 8 17 | 19M 8 | 27 m/45 | 17 Mp 31 | 11 川 16 | 14°R29 | 27 m/48 | 10°R53 | 12 \Omega 10 | 11 る 33 | 20°R48 | T 1 |
| W 2 | 18 40 16 | 10°54'43 | 21°12 | 10°42 | 25°18 | 19°10 | 27°52 | 17°36 | 11°20 | 14 ∡ 728 | 27°49 | 10 Ω 49 | 12° 7 | 11°40 | 20≈46 | W 2 |
| T 3 | 18 44 12 | 11°52'10 | 3.₹19 | 12°54 | 26°19 | 19°12 | 27°58 | 17°40 | 11°23 | 14°26 | 27°50 | 10°45 | 12° 4 | 11°46 | 20°43 | T 3 |
| F 4 | 18 48 9 | 12°49'37 | 15°18 | 15° 6 | 27°20 | 19°16 | 28° 5 | 17°45 | 11°26 | 14°25 | 27°51 | 10°40 | 12° 1 | 11°53 | 20°41 | F 4 |
| S 5 | 18 52 6 | 13°47'03 | 27°11 | 17°18 | 28°21 | 19°20 | 28°12 | 17°49 | 11°29 | 14°24 | 27°51 | 10°35 | 11°58 | 12° 0 | 20°38 | S 5 |
| S 6 | 18 56 2 | 14°44'28 | 9 ♂ 1 | 19°29 | 29°23 | 19°25 | 28°20 | 17°54 | 11°32 | 14°22 | 27°52 | 10°32 | 11°54 | 12° 6 | 20°36 | S 6 |
| M 7 | 18 59 59 | 15°41'52 | 20°50 | 21°39 | 0II24 | 19°31 | 28°27 | 17°59 | 11°35 | 14°21 | 27°53 | 10°29 | 11°51 | 12°13 | 20°33 | M 7 |
| T 8 | 19 3 55 | 16°39'15 | 2≈39 | 23°47 | 1°27 | 19°37 | 28°34 | 18° 4 | 11°38 | 14°20 | 27°54 | 10°28 | 11°48 | 12°20 | 20°31 | T 8 |
| W 9 | 19 7 52 | 17°36'38 | 14°32 | 25°54 | 2°29 | 19°44 | 28°42 | 18° 9 | 11°41 | 14°18 | 27°55 | 10°D27 | 11°45 | 12°26 | 20°28 | W 9 |
| T 10 | 19 11 48 | 18°34'00 | 26°31 | 28° 0 | 3°32 | 19°52 | 28°49 | 18°14 | 11°44 | 14°17 | 27°56 | 10°28 | 11°42 | 12°33 | 20°25 | T 10 |
| F 11 | 19 15 45 | 19°31'22 | 8 光 38 | 0Ω 4 | 4°35 | 20° 1 | 28°57 | 18°19 | 11°47 | 14°16 | 27°57 | 10°30 | 11°39 | 12°40 | 20°23 | F 11 |
| S 12 | 19 19 42 | 20°28'43 | 20°58 | 2° 6 | 5°38 | 20°10 | 29° 5 | 18°24 | 11°50 | 14°15 | 27°58 | 10°31 | 11°35 | 12°46 | 20°20 | S 12 |
| S 13 | 19 23 38 | 21°26'04 | 3 Y 33 | 4° 6 | 6°41 | 20°20 | 29°13 | 18°29 | 11°52 | 14°13 | 27°59 | 10°32 | 11°32 | 12°53 | 20°17 | S 13 |
| M14 | 19 27 35 | 22°23'25 | 16°28 | 6° 4 | 7°45 | 20°30 | 29°21 | 18°34 | 11°55 | 14°12 | 28° 0 | 10°R33 | 11°29 | 13° 0 | 20°14 | M14 |
| T 15 | 19 31 31 | 23°20'46 | 29°45 | 8° 0 | 8°49 | 20°41 | 29°29 | 18°40 | 11°58 | 14°11 | 28° 1 | 10°33 | 11°26 | 13° 6 | 20°11 | T 15 |
| W16 | 19 35 28 | 24°18'06 | 13 ∀ 27 | 9°54 | 9°53 | 20°53 | 29°38 | 18°45 | 12° 1 | 14°10 | 28° 2 | 10°32 | 11°23 | 13°13 | 20° 8 | W16 |
| T 17 | 19 39 24 | 25°15'26 | 27°35 | 11°45 | 10°57 | 21° 5 | 29°46 | 18°51 | 12° 4 | 14° 9 | 28° 3 | 10°31 | 11°20 | 13°20 | 20° 5 | T 17 |
| F 18 | 19 43 21 | 26°12'47 | 12 II 7 | 13°35 | 12° 2 | 21°18 | 29°55 | 18°56 | 12° 6 | 14° 8 | 28° 4 | 10°29 | 11°16 | 13°26 | 20° 2 | F 18 |
| S 19 | 19 47 17 | 27°10'07 | 26°59 | 15°22 | 13° 6 | 21°32 | 0 <u>•</u> 4 | 19°2 | 12° 9 | 14° 6 | 28° 5 | 10°28 | 11°13 | 13°33 | 19°59 | S 19 |
| S 20 | 19 51 14 | 28° 7'27 | 12© 4 | 17° 7 | 14°11 | 21°46 | 0°12 | 19° 7 | 12°12 | 14° 5 | 28° 6 | 10°26 | 11°10 | 13°40 | 19°56 | S 20 |
| M21 | 19 55 11 | 29° 4'46 | 27°14 | 18°49 | 15°16 | 22° 1 | 0°21 | 19°13 | 12°14 | 14° 4 | 28° 8 | 10°26 | 11° 7 | 13°46 | 19°53 | M21 |
| T 22 | 19 59 7 | 0 \Omega 2'06 | 12Ω18 | 20°30 | 16°21 | 22°16 | 0°30 | 19°19 | 12°17 | 14° 3 | 28° 9 | 10°D25 | 11° 4 | 13°53 | 19°50 | T 22 |
| W23 | 20 3 4 | 0°59'25 | 27°10 | 22° 8 | 17°27 | 22°32 | 0°39 | 19°25 | 12°19 | 14° 2 | 28°10 | 10°26 | 11° 0 | 14° 0 | 19°46 | W23 |
| T 24 | 20 7 0 | 1°56'43 | 11₥40 | 23°44 | 18°32 | 22°49 | 0°49 | 19°31 | 12°22 | 14° 1 | 28°11 | 10°26 | 10°57 | 14° 6 | 19°43 | T 24 |
| F 25 | 20 10 57 | 2°54'01 | 25°46 | 25°18 | 19°38 | 23° 6 | 0°58 | 19°37 | 12°25 | 14° 0 | 28°13 | 10°27 | 10°54 | 14°13 | 19°40 | F 25 |
| S 26 | 20 14 53 | 3°51'19 | 9 £ 26 | 26°49 | 20°44 | 23°24 | 1° 7 | 19°43 | 12°27 | 13°59 | 28°14 | 10°28 | 10°51 | 14°19 | 19°37 | S 26 |
| S 27 | 20 18 50 | 4°48'36 | 22°39 | 28°18 | 21°50 | 23°42 | 1°17 | 19°49 | 12°29 | 13°59 | 28°15 | 10°28 | 10°48 | 14°26 | 19°33 | S 27 |
| M28 | 20 22 46 | 5°45'53 | 5M29 | 29°45 | 22°56 | 24° 0 | 1°27 | 19°55 | 12°32 | 13°58 | 28°17 | 10°R28 | 10°45 | 14°33 | 19°30 | M28 |
| T 29 | 20 26 43 | 6°43'10 | 17°59 | 1 m 10 | 24° 2 | 24°19 | 1°36 | 20° 1 | 12°34 | 13°57 | 28°18 | 10°28 | 10°41 | 14°39 | 19°27 | T 29 |
| W30 | 20 30 40 | 7°40'26 | 0₹13 | 2°32 | 25° 9 | 24°39 | 1°46 | 20° 8 | 12°36 | 13°56 | 28°20 | 10°28 | 10°38 | 14°46 | 19°23 | W30 |
| T 31 | 20 34 36 | 8Ω37'43 | 12₹15 | 3 m 51 | 26 I I15 | 24M59 | 1 2 56 | 20 m/14 | 12 II 39 | 13∡755 | 28 m/21 | 10 Ω 28 | 10 Ω 35 | 14⋜53 | 19≈20 | T 31 |

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|------|----------|------------------|-----------------|----------------|----------------|---------------|---------------|----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|------|
| F 1 | 20 38 33 | 9 Ω 34'59 | 24 × 7 9 | 5 m) 9 | 27 Ⅲ 22 | 25M20 | 2 º 6 | 20 m 20 | 12 II 41 | 13°R55 | 28 m 23 | 10°R27 | 10 Ω 32 | 14 る 59 | 19°R17 | F 1 |
| S 2 | 20 42 29 | 10°32'14 | 5 云 59 | 6°23 | 28°29 | 25°41 | 2°16 | 20°27 | 12°43 | 13 ∡ 754 | 28°24 | 10°D27 | 10°29 | 15° 6 | 19 ≈ 13 | S 2 |
| S 3 | 20 46 26 | 11°29'30 | 17°47 | 7°35 | 29°36 | 26° 2 | 2°26 | 20°33 | 12°45 | 13°53 | 28°26 | 10Ω27 | 10°26 | 15°13 | 19°10 | S 3 |
| M 4 | 20 50 22 | 12°26'46 | 29°38 | 8°45 | 09543 | 26°24 | 2°36 | 20°40 | 12°47 | 13°52 | 28°27 | 10°27 | 10°22 | 15°19 | 19° 6 | M 4 |
| T 5 | 20 54 19 | 13°24'02 | 11≈32 | 9°52 | 1°51 | 26°47 | 2°47 | 20°46 | 12°50 | 13°52 | 28°29 | 10°R28 | 10°19 | 15°26 | 19° 3 | T 5 |
| W 6 | 20 58 15 | 14°21'18 | 23°33 | 10°56 | 2°58 | 27° 9 | 2°57 | 20°53 | 12°52 | 13°51 | 28°30 | 10°27 | 10°16 | 15°33 | 19° 0 | W 6 |
| T 7 | 21 2 12 | 15°18'34 | 5) (43 | 11°57 | 4° 6 | 27°32 | 3° 8 | 21° 0 | 12°54 | 13°51 | 28°32 | 10°27 | 10°13 | 15°39 | 18°56 | T 7 |
| F 8 | 21 6 9 | 16°15'51 | 18° 3 | 12°55 | 5°13 | 27°56 | 3°18 | 21° 6 | 12°56 | 13°50 | 28°33 | 10°27 | 10°10 | 15°46 | 18°53 | F 8 |
| S 9 | 21 10 5 | 17°13'08 | 0 Υ 35 | 13°50 | 6°21 | 28°20 | 3°29 | 21°13 | 12°58 | 13°49 | 28°35 | 10°26 | 10° 6 | 15°53 | 18°49 | S 9 |
| S 10 | 21 14 2 | 18°10'25 | 13°21 | 14°42 | 7°29 | 28°44 | 3°39 | 21°20 | 12°59 | 13°49 | 28°37 | 10°25 | 10° 3 | 15°59 | 18°46 | S 10 |
| M11 | 21 17 58 | 19° 7'43 | 26°22 | 15°30 | 8°37 | 29° 9 | 3°50 | 21°27 | 13° 1 | 13°48 | 28°38 | 10°24 | 10° 0 | 16° 6 | 18°42 | M11 |
| T 12 | 21 21 55 | 20° 5'02 | 9 8 42 | 16°16 | 9°45 | 29°34 | 4° 1 | 21°34 | 13° 3 | 13°48 | 28°40 | 10°23 | 9°57 | 16°13 | 18°39 | T 12 |
| W13 | 21 25 51 | 21° 2'21 | 23°20 | 16°57 | 10°54 | 29°59 | 4°12 | 21°41 | 13° 5 | 13°48 | 28°42 | 10°D23 | 9°54 | 16°19 | 18°35 | W13 |
| T 14 | 21 29 48 | 21°59'41 | 7 Ⅱ 18 | 17°35 | 12° 2 | 0 ₮ 26 | 4°23 | 21°48 | 13° 7 | 13°47 | 28°43 | 10°24 | 9°51 | 16°26 | 18°32 | T 14 |
| F 15 | 21 33 44 | 22°57'02 | 21°35 | 18° 9 | 13°11 | 0°52 | 4°34 | 21°55 | 13° 8 | 13°47 | 28°45 | 10°24 | 9°47 | 16°33 | 18°29 | F 15 |
| S 16 | 21 37 41 | 23°54'24 | 69 9 | 18°38 | 14°19 | 1°19 | 4°45 | 22° 2 | 13°10 | 13°47 | 28°47 | 10°25 | 9°44 | 16°39 | 18°25 | S 16 |
| S 17 | 21 41 38 | 24°51'46 | 20°55 | 19° 4 | 15°28 | 1°46 | 4°56 | 22° 9 | 13°11 | 13°46 | 28°49 | 10°26 | 9°41 | 16°46 | 18°22 | S 17 |
| M18 | 21 45 34 | 25°49'10 | 5 Ω 48 | 19°25 | 16°37 | 2°13 | 5° 8 | 22°16 | 13°13 | 13°46 | 28°50 | 10°R27 | 9°38 | 16°53 | 18°18 | M18 |
| T 19 | 21 49 31 | 26°46'33 | 20°40 | 19°41 | 17°46 | 2°41 | 5°19 | 22°23 | 13°15 | 13°46 | 28°52 | 10°27 | 9°35 | 16°59 | 18°15 | T 19 |
| W20 | 21 53 27 | 27°43'58 | 5 m 24 | 19°53 | 18°55 | 3° 9 | 5°30 | 22°30 | 13°16 | 13°46 | 28°54 | 10°26 | 9°32 | 17° 6 | 18°12 | W20 |
| T 21 | 21 57 24 | 28°41'23 | 19°53 | 20° 0 | 20° 4 | 3°37 | 5°42 | 22°37 | 13°17 | 13°46 | 28°56 | 10°24 | 9°28 | 17°13 | 18° 8 | T 21 |
| F 22 | 22 1 20 | 29°38'48 | 4 º 2 | 20°R 2 | 21°13 | 4° 6 | 5°53 | 22°44 | 13°19 | 13°45 | 28°58 | 10°21 | 9°25 | 17°19 | 18° 5 | F 22 |
| S 23 | 22 5 17 | 0 Mp 36'14 | 17°45 | 19°59 | 22°23 | 4°35 | 6° 5 | 22°52 | 13°20 | 13°45 | 29° 0 | 10°19 | 9°22 | 17°26 | 18° 1 | S 23 |
| S 24 | 22 9 13 | 1°33'41 | 1 m 4 | 19°50 | 23°32 | 5° 4 | 6°17 | 22°59 | 13°21 | 13°45 | 29° 1 | 10°16 | 9°19 | 17°33 | 17°58 | S 24 |
| M25 | 22 13 10 | 2°31'08 | 13°58 | 19°37 | 24°42 | 5°34 | 6°28 | 23° 6 | 13°23 | 13°D45 | 29° 3 | 10°14 | 9°16 | 17°39 | 17°55 | M25 |
| T 26 | 22 17 6 | 3°28'36 | 26°30 | 19°18 | 25°51 | 6° 3 | 6°40 | 23°14 | 13°24 | 13°45 | 29° 5 | 10°13 | 9°12 | 17°46 | 17°52 | T 26 |
| W27 | 22 21 3 | 4°26'04 | 8 ∡ 744 | 18°55 | 27° 1 | 6°34 | 6°52 | 23°21 | 13°25 | 13°45 | 29° 7 | 10°D13 | 9° 9 | 17°52 | 17°48 | W27 |
| T 28 | 22 25 0 | 5°23'33 | 20°45 | 18°26 | 28°11 | 7° 4 | 7° 4 | 23°28 | 13°26 | 13°45 | 29° 9 | 10°14 | 9° 6 | 17°59 | 17°45 | T 28 |
| F 29 | 22 28 56 | 6°21'02 | 2 ප 38 | 17°53 | 29°21 | 7°35 | 7°16 | 23°36 | 13°27 | 13°45 | 29°11 | 10°15 | 9° 3 | 18° 6 | 17°42 | F 29 |
| S 30 | 22 32 53 | 7°18'32 | 14°27 | 17°16 | 0 Ω 31 | 8° 6 | 7°28 | 23°43 | 13°28 | 13°46 | 29°13 | 10°17 | 9° 0 | 18°12 | 17°39 | S 30 |
| S 31 | 22 36 49 | 8 m 16'03 | 26 පි 16 | 16 M 35 | 1 Ω 41 | 8 ~ 37 | 7 ≙ 40 | 23 m 51 | 13 Ⅱ 29 | 13 ∡ 746 | 29 m 15 | 10 Ω 18 | 8 Ω 57 | 18 궁 19 | 17 ≈ 36 | S 31 |

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| M 1 | 22 40 46 | 9 m 13'35 | 8≈10 | 15°R51 | 2 N 51 | 9 , ₹ 9 | 7 ≏ 52 | 23 m 58 | 13耳30 | 13 ∡ 746 | 29 m 17 | 10°R19 | 8 Ω 53 | 18 궁 26 | 17°R33 | M 1 |
| T 2 | 22 44 42 | 10°11'07 | 20°12 | 15Mp 4 | 4° 1 | 9°40 | 8° 4 | 24° 6 | 13°31 | 13°46 | 29°19 | 10 Ω 19 | 8°50 | 18°32 | 17 ≈ 29 | T 2 |
| W 3 | 22 48 39 | 11° 8'40 | 2) 24 | 14°16 | 5°12 | 10°12 | 8°16 | 24°13 | 13°31 | 13°46 | 29°21 | 10°17 | 8°47 | 18°39 | 17°26 | W 3 |
| T 4 | 22 52 35 | 12° 6'14 | 14°48 | 13°27 | 6°22 | 10°45 | 8°28 | 24°21 | 13°32 | 13°47 | 29°23 | 10°14 | 8°44 | 18°46 | 17°23 | T 4 |
| F 5 | 22 56 32 | 13° 3'50 | 27°25 | 12°38 | 7°33 | 11°17 | 8°40 | 24°28 | 13°33 | 13°47 | 29°25 | 10° 9 | 8°41 | 18°52 | 17°20 | F 5 |
| S 6 | 23 0 29 | 14° 1'26 | 10 Y 16 | 11°51 | 8°43 | 11°50 | 8°53 | 24°36 | 13°34 | 13°47 | 29°27 | 10° 4 | 8°37 | 18°59 | 17°18 | S 6 |
| S 7 | 23 4 25 | 14°59'04 | 23°21 | 11° 5 | 9°54 | 12°23 | 9° 5 | 24°43 | 13°34 | 13°48 | 29°29 | 9°58 | 8°34 | 19° 6 | 17°15 | S 7 |
| M 8 | 23 8 22 | 15°56'43 | 6 8 39 | 10°22 | 11° 5 | 12°56 | 9°17 | 24°51 | 13°35 | 13°48 | 29°31 | 9°53 | 8°31 | 19°12 | 17°12 | M 8 |
| T 9 | 23 12 18 | 16°54'23 | 20°10 | 9°42 | 12°16 | 13°30 | 9°30 | 24°58 | 13°35 | 13°49 | 29°33 | 9°49 | 8°28 | 19°19 | 17° 9 | T 9 |
| W10 | 23 16 15 | 17°52'05 | 3 Ⅱ 54 | 9° 8 | 13°27 | 14° 4 | 9°42 | 25° 6 | 13°36 | 13°49 | 29°35 | 9°46 | 8°25 | 19°26 | 17° 6 | W10 |
| T 11 | 23 20 11 | 18°49'48 | 17°49 | 8°39 | 14°38 | 14°38 | 9°55 | 25°14 | 13°36 | 13°50 | 29°37 | 9°D46 | 8°22 | 19°32 | 17° 4 | T 11 |
| F 12 | 23 24 8 | 19°47'33 | 1955 | 8°16 | 15°49 | 15°12 | 10° 7 | 25°21 | 13°36 | 13°50 | 29°39 | 9°46 | 8°18 | 19°39 | 17° 1 | F 12 |
| S 13 | 23 28 4 | 20°45'20 | 16°11 | 8° 0 | 17° 0 | 15°46 | 10°20 | 25°29 | 13°37 | 13°51 | 29°41 | 9°47 | 8°15 | 19°46 | 16°58 | S 13 |
| S 14 | 23 32 1 | 21°43'08 | 0 Ω 35 | 7°50 | 18°12 | 16°21 | 10°32 | 25°36 | 13°37 | 13°51 | 29°43 | 9°48 | 8°12 | 19°52 | 16°56 | S 14 |
| M15 | 23 35 58 | 22°40'58 | 15° 4 | 7°D49 | 19°23 | 16°56 | 10°45 | 25°44 | 13°37 | 13°52 | 29°45 | 9°R49 | 8° 9 | 19°59 | 16°53 | M15 |
| T 16 | 23 39 54 | 23°38'49 | 29°34 | 7°55 | 20°34 | 17°31 | 10°57 | 25°52 | 13°37 | 13°53 | 29°47 | 9°47 | 8° 6 | 20° 6 | 16°51 | T 16 |
| W17 | 23 43 51 | 24°36'42 | 13 m 58 | 8° 8 | 21°46 | 18° 6 | 11°10 | 25°59 | 13°37 | 13°53 | 29°49 | 9°43 | 8° 3 | 20°12 | 16°48 | W17 |
| T 18 | 23 47 47 | 25°34'36 | 28°13 | 8°30 | 22°58 | 18°42 | 11°23 | 26° 7 | 13°R37 | 13°54 | 29°51 | 9°38 | 7°59 | 20°19 | 16°46 | T 18 |
| F 19 | 23 51 44 | 26°32'31 | 12 ≏ 12 | 9° 0 | 24° 9 | 19°17 | 11°35 | 26°15 | 13°37 | 13°55 | 29°53 | 9°31 | 7°56 | 20°25 | 16°44 | F 19 |
| S 20 | 23 55 40 | 27°30'28 | 25°50 | 9°38 | 25°21 | 19°53 | 11°48 | 26°22 | 13°37 | 13°56 | 29°55 | 9°23 | 7°53 | 20°32 | 16°41 | S 20 |
| S 21 | 23 59 37 | 28°28'26 | 9 ™ 7 | 10°23 | 26°33 | 20°29 | 12° 1 | 26°30 | 13°37 | 13°57 | 29°57 | 9°15 | 7°50 | 20°39 | 16°39 | S 21 |
| M22 | 0 3 33 | 29°26'25 | 22° 1 | 11°15 | 27°45 | 21° 6 | 12°14 | 26°38 | 13°37 | 13°57 | 29°59 | 9° 8 | 7°47 | 20°45 | 16°37 | M22 |
| T 23 | 0 7 30 | 0 ჲ 24'26 | 4 ₹ 34 | 12°15 | 28°57 | 21°42 | 12°26 | 26°45 | 13°37 | 13°58 | 0 호 1 | 9° 3 | 7°43 | 20°52 | 16°35 | T 23 |
| W24 | 0 11 26 | 1°22'28 | 16°49 | 13°22 | 0Mp 9 | 22°19 | 12°39 | 26°53 | 13°37 | 13°59 | 0° 4 | 9° 0 | 7°40 | 20°59 | 16°33 | W24 |
| T 25 | 0 15 23 | 2°20'31 | 28°50 | 14°35 | 1°21 | 22°56 | 12°52 | 27° 0 | 13°36 | 14° 0 | 0° 6 | 8°D58 | 7°37 | 21° 5 | 16°31 | T 25 |
| F 26 | 0 19 20 | 3°18'36 | 10 ප 43 | 15°54 | 2°33 | 23°33 | 13° 5 | 27° 8 | 13°36 | 14° 1 | 0° 8 | 8°59 | 7°34 | 21°12 | 16°29 | F 26 |
| S 27 | 0 23 16 | 4°16'42 | 22°32 | 17°19 | 3°45 | 24°10 | 13°18 | 27°16 | 13°36 | 14° 2 | 0°10 | 9° 0 | 7°31 | 21°19 | 16°27 | S 27 |
| S 28 | 0 27 13 | 5°14'49 | 4≈22 | 18°48 | 4°57 | 24°47 | 13°30 | 27°23 | 13°35 | 14° 3 | 0°12 | 9°R 0 | 7°28 | 21°25 | 16°25 | S 28 |
| M29 | 0 31 9 | 6°12'58 | 16°19 | 20°22 | 6°10 | 25°25 | 13°43 | 27°31 | 13°35 | 14° 4 | 0°14 | 9° 0 | 7°24 | 21°32 | 16°23 | M29 |
| T 30 | 0 35 6 | 7 ≏ 11'08 | 28 ≈ 27 | 22 Mg 0 | 7 m 22 | 26 ₹ 2 | 13 ≏ 56 | 27 m 38 | 13 耳 34 | 14 才 5 | 0 ჲ 16 | 8 N 58 | 7 Ω 21 | 21 궁 39 | 16≈22 | T 30 |

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| Day | Sid.t | \odot |)) | φ | φ | o ⁷ | 24 | ħ |)ұ(| ¥ | 5 | P | Ω | £ | δ | Day |
|------|---------|------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---------------|---------------|---------------|----------------|--------|------|
| W 1 | 0 39 2 | 8 요 9'19 | 10) (49 | 23 Mp 42 | 8 m 35 | 26 ₹ 40 | 14 ♀ 9 | 27 m 46 | 13°R34 | 14 才 7 | 0 ჲ 18 | 8°R54 | 7 Ω 18 | 21 궁 45 | 16°R20 | W 1 |
| T 2 | 0 42 59 | 9° 7'32 | 23°28 | 25°26 | 9°47 | 27°18 | 14°22 | 27°54 | 13 Ⅲ 33 | 14° 8 | 0°20 | 8 Ω 47 | 7°15 | 21°52 | 16≈19 | T 2 |
| F 3 | 0 46 55 | 10° 5'46 | 6 Y 25 | 27°13 | 11° 0 | 27°57 | 14°35 | 28° 1 | 13°32 | 14° 9 | 0°22 | 8°38 | 7°12 | 21°59 | 16°17 | F 3 |
| S 4 | 0 50 52 | 11° 4'02 | 19°38 | 29° 2 | 12°12 | 28°35 | 14°48 | 28° 9 | 13°31 | 14°10 | 0°24 | 8°28 | 7° 9 | 22° 5 | 16°16 | S 4 |
| S 5 | 0 54 49 | 12° 2'20 | 3 8 8 | 0 ჲ 52 | 13°25 | 29°14 | 15° 1 | 28°16 | 13°31 | 14°11 | 0°26 | 8°18 | 7° 5 | 22°12 | 16°14 | S 5 |
| M 6 | 0 58 45 | 13° 0'40 | 16°50 | 2°44 | 14°38 | 29°52 | 15°14 | 28°24 | 13°30 | 14°13 | 0°28 | 8° 8 | 7° 2 | 22°19 | 16°13 | M 6 |
| T 7 | 1 2 42 | 13°59'02 | 0 Ⅱ 42 | 4°36 | 15°51 | 0 궁 31 | 15°27 | 28°31 | 13°29 | 14°14 | 0°30 | 8° 0 | 6°59 | 22°25 | 16°12 | T 7 |
| W 8 | 1 6 38 | 14°57'26 | 14°40 | 6°29 | 17° 4 | 1°10 | 15°40 | 28°38 | 13°28 | 14°15 | 0°32 | 7°54 | 6°56 | 22°32 | 16°11 | W 8 |
| T 9 | 1 10 35 | 15°55'52 | 28°44 | 8°22 | 18°17 | 1°49 | 15°53 | 28°46 | 13°27 | 14°17 | 0°34 | 7°50 | 6°53 | 22°38 | 16°10 | T 9 |
| F 10 | 1 14 31 | 16°54'20 | 12 9 49 | 10°15 | 19°30 | 2°28 | 16° 6 | 28°53 | 13°26 | 14°18 | 0°36 | 7°D49 | 6°49 | 22°45 | 16° 8 | F 10 |
| S 11 | 1 18 28 | 17°52'50 | 26°57 | 12° 8 | 20°43 | 3° 8 | 16°19 | 29° 1 | 13°25 | 14°19 | 0°38 | 7°49 | 6°46 | 22°52 | 16° 8 | S 11 |
| S 12 | 1 22 24 | 18°51'22 | 11 Ω 4 | 14° 1 | 21°56 | 3°48 | 16°31 | 29° 8 | 13°24 | 14°21 | 0°40 | 7°R50 | 6°43 | 22°58 | 16° 7 | S 12 |
| M13 | 1 26 21 | 19°49'56 | 25°11 | 15°53 | 23° 9 | 4°27 | 16°44 | 29°15 | 13°23 | 14°22 | 0°42 | 7°48 | 6°40 | 23° 5 | 16° 6 | M13 |
| T 14 | 1 30 18 | 20°48'32 | 9 m 15 | 17°44 | 24°23 | 5° 7 | 16°57 | 29°23 | 13°22 | 14°24 | 0°44 | 7°45 | 6°37 | 23°12 | 16° 5 | T 14 |
| W15 | 1 34 14 | 21°47'10 | 23°14 | 19°35 | 25°36 | 5°47 | 17°10 | 29°30 | 13°20 | 14°25 | 0°46 | 7°39 | 6°34 | 23°18 | 16° 4 | W15 |
| T 16 | 1 38 11 | 22°45'51 | 7 Ω 5 | 21°25 | 26°49 | 6°27 | 17°23 | 29°37 | 13°19 | 14°27 | 0°48 | 7°30 | 6°30 | 23°25 | 16° 4 | T 16 |
| F 17 | 1 42 7 | 23°44'33 | 20°44 | 23°15 | 28° 3 | 7° 8 | 17°36 | 29°44 | 13°18 | 14°28 | 0°50 | 7°19 | 6°27 | 23°32 | 16° 3 | F 17 |
| S 18 | 1 46 4 | 24°43'17 | 4M 8 | 25° 3 | 29°16 | 7°48 | 17°49 | 29°52 | 13°16 | 14°30 | 0°52 | 7° 7 | 6°24 | 23°38 | 16° 3 | S 18 |
| S 19 | 1 50 0 | 25°42'03 | 17°14 | 26°51 | 0 ჲ 30 | 8°29 | 18° 2 | 29°59 | 13°15 | 14°32 | 0°54 | 6°54 | 6°21 | 23°45 | 16° 2 | S 19 |
| M20 | 1 53 57 | 26°40'51 | 0 才 1 | 28°37 | 1°44 | 9° 9 | 18°15 | 0 호 6 | 13°13 | 14°33 | 0°56 | 6°43 | 6°18 | 23°52 | 16° 2 | M20 |
| T 21 | 1 57 53 | 27°39'41 | 12°30 | 0M23 | 2°57 | 9°50 | 18°28 | 0°13 | 13°12 | 14°35 | 0°58 | 6°34 | 6°14 | 23°58 | 16° 2 | T 21 |
| W22 | 2 1 50 | 28°38'32 | 24°43 | 2° 8 | 4°11 | 10°31 | 18°41 | 0°20 | 13°10 | 14°37 | 1° 0 | 6°27 | 6°11 | 24° 5 | 16° 2 | W22 |
| T 23 | 2 5 46 | 29°37'25 | 6 정 43 | 3°52 | 5°25 | 11°12 | 18°53 | 0°27 | 13° 9 | 14°38 | 1° 2 | 6°23 | 6° 8 | 24°12 | 16° 2 | T 23 |
| F 24 | 2 9 43 | 0M36'20 | 18°35 | 5°35 | 6°38 | 11°54 | 19° 6 | 0°34 | 13° 7 | 14°40 | 1° 3 | 6°21 | 6° 5 | 24°18 | 16°D 2 | F 24 |
| S 25 | 2 13 40 | 1°35'16 | 0≈23 | 7°17 | 7°52 | 12°35 | 19°19 | 0°41 | 13° 6 | 14°42 | 1° 5 | 6°21 | 6° 2 | 24°25 | 16° 2 | S 25 |
| S 26 | 2 17 36 | 2°34'14 | 12°13 | 8°58 | 9° 6 | 13°16 | 19°32 | 0°48 | 13° 4 | 14°43 | 1° 7 | 6°21 | 5°59 | 24°31 | 16° 2 | S 26 |
| M27 | 2 21 33 | 3°33'14 | 24°10 | 10°39 | 10°20 | 13°58 | 19°45 | 0°55 | 13° 2 | 14°45 | 1° 9 | 6°20 | 5°55 | 24°38 | 16° 2 | M27 |
| T 28 | 2 25 29 | 4°32'15 | 6 ¥ 21 | 12°18 | 11°34 | 14°40 | 19°57 | 1° 2 | 13° 0 | 14°47 | 1°11 | 6°17 | 5°52 | 24°45 | 16° 2 | T 28 |
| W29 | 2 29 26 | 5°31'18 | 18°49 | 13°57 | 12°48 | 15°22 | 20°10 | 1° 8 | 12°59 | 14°49 | 1°13 | 6°12 | 5°49 | 24°51 | 16° 3 | W29 |
| T 30 | 2 33 22 | 6°30'23 | 1 Υ 37 | 15°35 | 14° 2 | 16° 3 | 20°23 | 1°15 | 12°57 | 14°51 | 1°14 | 6° 5 | 5°46 | 24°58 | 16° 3 | T 30 |
| F 31 | 2 37 19 | 7 M 29'30 | 14 Y 48 | 17 M 12 | 15 ≏ 16 | 16 ප 45 | 20 ≏ 35 | 1 ≏ 22 | 12 Ⅱ 55 | 14 × 753 | 1 ≏ 16 | 5 Ω 54 | 5 Ω 43 | 25중 5 | 16≈ 3 | F 31 |

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| Day | Sid.t | 0 | D | ğ | Ŷ | ð | 4 | ħ |)ұ(| ¥ | Р | Ŗ | ದಿ | Ç | , k | Day |
|-------------|--------------------|----------------------|------------------------|-----------------|----------------|-------------------|----------------|---------------|-----------------|-----------------|---------------|---------------|---------------|----------------|----------------|-------------|
| S 1 | 2 41 15 | 8M28'38 | 28 Y 21 | 18 M 49 | 16 ≏ 30 | 17 云 28 | 20 ≏ 48 | 1 ≏ 28 | 12°R53 | 14 ×7 54 | 1 ≏ 18 | 5°R43 | 5 Ω 40 | 25 ට 11 | 16≈ 4 | S 1 |
| S 2 | 2 45 12 | 9°27'48 | 12814 | 20°25 | 17°44 | 18°10 | 21° 1 | 1°35 | 12耳51 | 14°56 | 1°20 | 5 Q 30 | 5°36 | 25°18 | 16° 5 | S 2 |
| M 3 | 2 49 9 | 10°27'01 | 26°23 | 21°59 | 18°59 | 18°52 | 21°13 | 1°42 | 12°49 | 14°58 | 1°21 | 5°18 | 5°33 | 25°25 | 16° 5 | M 3 |
| T 4 | 2 53 5 | 11°26'15 | 10 Ⅱ 42 | 23°34 | 20°13 | 19°35 | 21°26 | 1°48 | 12°47 | 15° 0 | 1°23 | 5° 9 | 5°30 | 25°31 | 16° 6 | T 4 |
| W 5 | 2 57 2 | 12°25'32 | 25° 5 | 25° 7 | 21°27 | 20°17 | 21°38 | 1°55 | 12°45 | 15° 2 | 1°25 | 5° 1 | 5°27 | 25°38 | 16° 7 | W 5 |
| T 6 | 3 0 58 | 13°24'51 | 99927 | 26°40 | 22°42 | 21° 0 | 21°51 | 2° 1 | 12°43 | 15° 4 | 1°26 | 4°57 | 5°24 | 25°45 | 16° 8 | T 6 |
| ± ′ | 3 4 55 | 14°24'12 | 23°45 | 28°12 29°44 | 23°56 25°10 | 21°43 | 22° 3 | 2° 7 | 12°41 | 15° 6 15° 8 | 1°28 | 4°55 | 5°20 5°17 | 25°51 | 16° 9 | F 7 S 8 |
| S 8 | 3 8 51 | 15°23'35 | 7 Ω 55 | | | 22°26 | 22°16 | 2°14 | 12°39 | | 1°29 | 4°55 | | 25°58 | 16°10 | |
| S 9 | 3 12 48 | 16°23'01 | 21°58 | 1 √ 15 | 26°25 | 23° 8 | 22°28 | 2°20 | 12°37 | 15°10 | 1°31 | 4°55 | 5°14 | 26° 5 | 16°11 | S 9 |
| M10 | 3 16 44 | 17°22'28 | 5 m 52 | 2°45 | 27°39 | 23°52 | 22°41 | 2°26 | 12°35 | 15°12 | 1°33 | 4°54 | 5°11 | 26°11 | 16°12 | M10 |
| T 11 | 3 20 41 | 18°21'58 | 19°37 | 4°14 | 28°54 | 24°35 | 22°53 | 2°32 | 12°32 | 15°14 | 1°34 | 4°51 | 5° 8 | 26°18 | 16°14 | T 11 |
| W12 T 13 | 3 24 38 3 28 34 | 19°21'30 20°21'05 | 3 ₾ 12 16°38 | 5°43 7°11 | 0M 8 1°23 | 25°18 26° 1 | 23° 5 23°17 | 2°38 2°44 | 12°30 12°28 | 15°16 15°18 | 1°36 1°37 | 4°45 4°36 | 5° 5 5° 1 | 26°24 26°31 | 16°15 16°16 | W12 T 13 |
| F 14 | 3 28 34 3 32 31 | 20°21°05 21°20'41 | 29°53 | 8°39 | 2°37 | 26°45 | 23°17 23°29 | 2°50 | 12°26 | 15°18 15°20 | 1°37 | 4°36 4°25 | 4°58 | 26°38 | 16°18 | F 14 |
| S 15 | 3 36 27 | 21°20'41 22°20'19 | 12 M .56 | 10° 6 | 3°52 | 20°43 | 23°42 | 2°56 | 12°23 | 15°22 | 1°40 | 4°12 | 4°55 | 26°44 | 16°19 | S 15 |
| | | | | | | | | | | | - | | | _ | | |
| S 16 | 3 40 24 | 23°20'00 24°19'42 | 25°44 8 √ 18 | 11°32 12°57 | 5° 7 6°21 | 28°12 28°56 | 23°54 24° 6 | 3° 2 3° 8 | 12°21 12°19 | 15°25 15°27 | 1°42 | 4° 0 | 4°52 4°49 | 26°51 26°58 | 16°21 16°23 | S 16 |
| M17 T 18 | 3 44 20 3 48 17 | 24°19'42 25°19'26 | 20°38 | 14°22 | 7°36 | 28°36 29°40 | 24° 6 | 3°13 | 12°19 | 15°27 15°29 | 1°43 1°44 | 3°48 3°38 | 4°46 | 20°38 27° 4 | 16°23 | M17 T 18 |
| W19 | 3 52 13 | 26°19'12 | 20 38 2 3 45 | 15°46 | 8°51 | 0 ≈ 23 | 24°30 | 3°19 | 12°14 | 15°31 | 1°46 | 3°31 | 4°42 | 27°11 | 16°26 | W19 |
| T 20 | 3 56 10 | 27°19'00 | 14°42 | 17° 9 | 10° 6 | 1° 7 | 24°42 | 3°24 | 12°12 | 15°33 | 1°47 | 3°27 | 4°39 | 27°18 | 16°28 | T 20 |
| F 21 | 4 0 7 | 28°18'50 | 26°31 | 18°31 | 11°21 | 1°51 | 24°53 | 3°30 | 12° 9 | 15°35 | 1°48 | 3°25 | 4°36 | 27°24 | 16°30 | F 21 |
| S 22 | 4 4 3 | 29°18'41 | 8≈18 | 19°52 | 12°35 | 2°36 | 25° 5 | 3°35 | 12° 7 | 15°37 | 1°50 | 3°D25 | 4°33 | 27°31 | 16°32 | S 22 |
| S 23 | 4 8 0 | 0 ₹ 18'33 | 20° 6 | 21°12 | 13°50 | 3°20 | 25°17 | 3°41 | 12° 5 | 15°40 | 1°51 | 3°26 | 4°30 | 27°38 | 16°34 | S 23 |
| M24 | 4 11 56 | 1°18'28 | 2) 2 | 22°31 | 15° 5 | 4° 4 | 25°28 | 3°46 | 12° 2 | 15°42 | 1°52 | 3°R26 | 4°26 | 27°44 | 16°36 | M24 |
| T 25 | 4 15 53 | 2°18'23 | 14°11 | 23°49 | 16°20 | 4°49 | 25°40 | 3°51 | 12° 0 | 15°44 | 1°53 | 3°25 | 4°23 | 27°51 | 16°39 | T 25 |
| W26 | 4 19 49 | 3°18'20 | 26°38 | 25° 5 | 17°35 | 5°33 | 25°52 | 3°56 | 11°57 | 15°46 | 1°55 | 3°23 | 4°20 | 27°57 | 16°41 | W26 |
| T 27 | 4 23 46 | 4°18'19 | 9Υ28 | 26°20 | 18°50 | 6°18 | 26° 3 | 4° 1 | 11°55 | 15°48 | 1°56 | 3°18 | 4°17 | 28° 4 | 16°43 | T 27 |
| F 28 | 4 27 42 | 5°18'20 | 22°44 | 27°34 | 20° 5 | 7° 2 | 26°14 | 4° 6 | 11°52 | 15°51 | 1°57 | 3°10 | 4°14 | 28°11 | 16°46 | F 28 |
| S 29 | 4 31 39 | 6°18'22 | 6 8 26 | 28°45 | 21°20 | 7°47 | 26°26 | 4°11 | 11°50 | 15°53 | 1°58 | 3° 2 | 4°11 | 28°17 | 16°48 | S 29 |
| S 30 | 4 35 36 | 7 . ₹18'25 | 20833 | 29 × 755 | 22 M 35 | 8 ≈ 31 | 26 ≙ 37 | 4 ₽ 16 | 11 II 47 | 15 ₹ 55 | 1 ≏ 59 | 2 Ω 52 | 4 Ω 7 | 28 云 24 | 16≈51 | S 30 |

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| M 1 | 4 39 32 | 8 ∡ 18'30 | 5 Ⅱ 1 | 1る 3 | 23M50 | 9≈16 | 26 ♀ 48 | 4 ₾ 20 | 11°R45 | 15 × 757 | 2 ₾ 0 | 2°R43 | 4 Ω 4 | 28 궁 31 | 16≈53 | M 1 |
| T 2 | 4 43 29 | 9°18'37 | 19°44 | 2° 8 | 25° 5 | 10° 1 | 26°59 | 4°25 | 11 Ⅱ 42 | 16° 0 | 2° 1 | 2Ω 36 | 4° 1 | 28°37 | 16°56 | T 2 |
| W 3 | 4 47 25 | 10°18'46 | 4933 | 3°10 | 26°20 | 10°46 | 27°10 | 4°30 | 11°40 | 16° 2 | 2° 2 | 2°30 | 3°58 | 28°44 | 16°59 | W 3 |
| T 4 | 4 51 22 | 11°18'57 | 19°21 | 4° 9 | 27°35 | 11°31 | 27°21 | 4°34 | 11°37 | 16° 4 | 2° 3 | 2°28 | 3°55 | 28°51 | 17° 2 | T 4 |
| F 5 | 4 55 18 | 12°19'10 | 4Ω 0 | 5° 5 | 28°50 | 12°16 | 27°32 | 4°38 | 11°35 | 16° 6 | 2° 4 | 2°D27 | 3°52 | 28°57 | 17° 5 | F 5 |
| S 6 | 4 59 15 | 13°19'24 | 18°27 | 5°56 | 0 ≯ 5 | 13° 1 | 27°43 | 4°43 | 11°32 | 16° 9 | 2° 5 | 2°28 | 3°48 | 29° 4 | 17° 7 | S 6 |
| S 7 | 5 3 11 | 14°19'40 | 2 m /38 | 6°44 | 1°20 | 13°46 | 27°54 | 4°47 | 11°30 | 16°11 | 2° 6 | 2°29 | 3°45 | 29°11 | 17°10 | S 7 |
| M 8 | 5 7 8 | 15°19'59 | 16°32 | 7°26 | 2°35 | 14°32 | 28° 4 | 4°51 | 11°28 | 16°13 | 2° 7 | 2°R29 | 3°42 | 29°17 | 17°13 | M 8 |
| T 9 | 5 11 5 | 16°20'19 | 0 ჲ 10 | 8° 3 | 3°51 | 15°17 | 28°15 | 4°55 | 11°25 | 16°15 | 2° 8 | 2°28 | 3°39 | 29°24 | 17°17 | T 9 |
| W10 | 5 15 1 | 17°20'41 | 13°31 | 8°33 | 5° 6 | 16° 2 | 28°25 | 4°59 | 11°23 | 16°17 | 2° 8 | 2°25 | 3°36 | 29°31 | 17°20 | W10 |
| T 11 | 5 18 58 | 18°21'04 | 26°39 | 8°57 | 6°21 | 16°48 | 28°36 | 5° 3 | 11°20 | 16°20 | 2° 9 | 2°20 | 3°32 | 29°37 | 17°23 | T 11 |
| F 12 | 5 22 54 | 19°21'30 | 9 M .32 | 9°12 | 7°36 | 17°33 | 28°46 | 5° 7 | 11°18 | 16°22 | 2°10 | 2°14 | 3°29 | 29°44 | 17°26 | F 12 |
| S 13 | 5 26 51 | 20°21'57 | 22°14 | 9°R20 | 8°51 | 18°19 | 28°56 | 5°10 | 11°15 | 16°24 | 2°11 | 2° 6 | 3°26 | 29°50 | 17°29 | S 13 |
| S 14 | 5 30 47 | 21°22'26 | 4 ₹ 43 | 9°18 | 10° 7 | 19° 4 | 29° 6 | 5°14 | 11°13 | 16°26 | 2°11 | 1°58 | 3°23 | 29°57 | 17°33 | S 14 |
| M15 | 5 34 44 | 22°22'57 | 17° 1 | 9° 6 | 11°22 | 19°50 | 29°16 | 5°17 | 11°10 | 16°29 | 2°12 | 1°51 | 3°20 | 0≈ 4 | 17°36 | M15 |
| T 16 | 5 38 41 | 23°23'29 | 29° 9 | 8°44 | 12°37 | 20°35 | 29°26 | 5°21 | 11°8 | 16°31 | 2°13 | 1°45 | 3°17 | 0°10 | 17°40 | T 16 |
| W17 | 5 42 37 | 24°24'02 | 11 ට 8 | 8°12 | 13°52 | 21°21 | 29°36 | 5°24 | 11° 5 | 16°33 | 2°13 | 1°41 | 3°13 | 0°17 | 17°43 | W17 |
| T 18 | 5 46 34 | 25°24'37 | 23° 0 | 7°28 | 15° 8 | 22° 7 | 29°46 | 5°27 | 11° 3 | 16°35 | 2°14 | 1°39 | 3°10 | 0°24 | 17°47 | T 18 |
| F 19 | 5 50 30 | 26°25'13 | 4≈47 | 6°34 | 16°23 | 22°53 | 29°56 | 5°30 | 11° 1 | 16°38 | 2°14 | 1°D38 | 3° 7 | 0°30 | 17°50 | F 19 |
| S 20 | 5 54 27 | 27°25'50 | 16°33 | 5°31 | 17°38 | 23°39 | 0 m 5 | 5°33 | 10°58 | 16°40 | 2°15 | 1°39 | 3° 4 | 0°37 | 17°54 | S 20 |
| S 21 | 5 58 23 | 28°26'28 | 28°21 | 4°20 | 18°54 | 24°25 | 0°15 | 5°36 | 10°56 | 16°42 | 2°15 | 1°41 | 3° 1 | 0°44 | 17°58 | S 21 |
| M22 | 6 2 20 | 29°27'07 | 10 ∺ 16 | 3° 2 | 20° 9 | 25°11 | 0°24 | 5°39 | 10°54 | 16°44 | 2°16 | 1°43 | 2°58 | 0°50 | 18° 2 | M22 |
| T 23 | 6 6 16 | 0중27'48 | 22°23 | 1°40 | 21°24 | 25°56 | 0°33 | 5°42 | 10°51 | 16°47 | 2°16 | 1°44 | 2°54 | 0°57 | 18° 5 | T 23 |
| W24 | 6 10 13 | 1°28'29 | 4 Υ 46 | 0°18 | 22°40 | 26°43 | 0°42 | 5°44 | 10°49 | 16°49 | 2°16 | 1°R44 | 2°51 | 1° 4 | 18° 9 | W24 |
| T 25 | 6 14 10 | 2°29'11 | 17°31 | 28 × 357 | 23°55 | 27°29 | 0°51 | 5°47 | 10°47 | 16°51 | 2°17 | 1°43 | 2°48 | 1°10 | 18°13 | T 25 |
| F 26 | 6 18 6 | 3°29'54 | 0841 | 27°40 | 25°10 | 28°15 | 1° 0 | 5°49 | 10°45 | 16°53 | 2°17 | 1°41 | 2°45 | 1°17 | 18°17 | F 26 |
| S 27 | 6 22 3 | 4°30'38 | 14°19 | 26°30 | 26°26 | 29° 1 | 1° 9 | 5°51 | 10°42 | 16°55 | 2°17 | 1°38 | 2°42 | 1°23 | 18°21 | S 27 |
| S 28 | 6 25 59 | 5°31'23 | 28°25 | 25°29 | 27°41 | 29°47 | 1°18 | 5°54 | 10°40 | 16°57 | 2°18 | 1°34 | 2°38 | 1°30 | 18°25 | S 28 |
| M29 | 6 29 56 | 6°32'09 | 12∏58 | 24°37 | 2 <u>8</u> °57 | 0 ∺ 33 | 1°26 | 5°56 | 10°38 | 17° 0 | 2°18 | 1°30 | 2°35 | 1°37 | 18°29 | M29 |
| T 30 | 6 33 52 | 7°32'55 | 27°50 | 23°57 | 0 조 12 | 1°19 | 1°35 | 5°58 | 10°36 | 17° 2 | 2°18 | 1°27 | 2°32 | 1°43 | 18°33 | T 30 |
| W31 | 6 37 49 | 8 궁 33'43 | 12956 | 23 × ⁷ 28 | 1 る 27 | 2 ∺ 6 | 1 M .43 | 5 Ω 59 | 10 Ⅱ 34 | 17 ×7 4 | 2 ≏ 18 | 1 N 25 | $2\Omega^{29}$ | 1≈50 | 18 ≈ 37 | W31 |

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| Day | Sid.t | 0 | D | ğ | · | ♂ | 4 | ħ |)∤(| ₩ | Р | n | Ω | ţ | ķ | Day |
|------|---------|------------------|------------------|----------------|----------------|---------------|----------------|--------------|--------|---------------|---------------|---------------|-----------------|------|-------|------|
| T 1 | 6 41 45 | 9 ට 34'32 | 289 5 | 23°R11 | 2 ප් 43 | 2) 52 | 1 M .51 | 6 ₾ 1 | 10°R32 | 17 ₹ 6 | 2 ₾ 18 | 1°D24 | 2 Ω 26 | 1≈57 | 18≈42 | T 1 |
| F 2 | 6 45 42 | 10°35'22 | 13 N 8 | 23°D 4 | 3°58 | 3°38 | 1°59 | 6° 3 | 10耳30 | 17° 8 | 2°18 | 1 Ω 24 | 2°23 | 2° 3 | 18°46 | F 2 |
| S 3 | 6 49 39 | 11°36'13 | 27°57 | 23 ∡ 8 | 5°14 | 4°25 | 2° 7 | 6° 4 | 10°28 | 17°10 | 2°18 | 1°25 | 2°19 | 2°10 | 18°50 | S 3 |
| S 4 | 6 53 35 | 12°37'05 | 12 m) 26 | 23°22 | 6°29 | 5°11 | 2°15 | 6° 6 | 10°26 | 17°12 | 2°R18 | 1°26 | 2°16 | 2°17 | 18°54 | S 4 |
| M 5 | 6 57 32 | 13°37'58 | 26°33 | 23°44 | 7°44 | 5°57 | 2°22 | 6° 7 | 10°24 | 17°14 | 2°18 | 1°28 | 2°13 | 2°23 | 18°59 | M 5 |
| T 6 | 7 1 28 | 14°38'52 | 10 ≏ 16 | 24°14 | 9° 0 | 6°44 | 2°30 | 6° 8 | 10°22 | 17°16 | 2°18 | 1°R28 | 2°10 | 2°30 | 19° 3 | T 6 |
| W 7 | 7 5 25 | 15°39'47 | 23°36 | 24°51 | 10°15 | 7°30 | 2°37 | 6° 9 | 10°20 | 17°18 | 2°18 | 1°28 | 2° 7 | 2°37 | 19°8 | W 7 |
| T 8 | 7 9 21 | 16°40'44 | 6 M .36 | 25°35 | 11°31 | 8°17 | 2°45 | 6°10 | 10°18 | 17°20 | 2°18 | 1°27 | 2° 4 | 2°43 | 19°12 | T 8 |
| F 9 | 7 13 18 | 17°41'41 | 19°17 | 26°24 | 12°46 | 9° 3 | 2°52 | 6°11 | 10°16 | 17°22 | 2°18 | 1°26 | 2° 0 | 2°50 | 19°16 | F 9 |
| S 10 | 7 17 14 | 18°42'40 | 1 ∡ 743 | 27°18 | 14° 2 | 9°49 | 2°59 | 6°12 | 10°14 | 17°24 | 2°18 | 1°24 | 1°57 | 2°57 | 19°21 | S 10 |
| S 11 | 7 21 11 | 19°43'39 | 13°57 | 28°17 | 15°17 | 10°36 | 3° 6 | 6°13 | 10°12 | 17°26 | 2°18 | 1°22 | 1°54 | 3° 3 | 19°26 | S 11 |
| M12 | 7 25 8 | 20°44'39 | 26° 2 | 29°19 | 16°33 | 11°23 | 3°12 | 6°13 | 10°11 | 17°28 | 2°17 | 1°20 | 1°51 | 3°10 | 19°30 | M12 |
| T 13 | 7 29 4 | 21°45'40 | 7 云 59 | 0 궁 25 | 17°48 | 12° 9 | 3°19 | 6°13 | 10° 9 | 17°30 | 2°17 | 1°19 | 1°48 | 3°16 | 19°35 | T 13 |
| W14 | 7 33 1 | 22°46'42 | 19°50 | 1°34 | 19° 4 | 12°56 | 3°25 | 6°14 | 10° 7 | 17°32 | 2°17 | 1°18 | 1°44 | 3°23 | 19°39 | W14 |
| T 15 | 7 36 57 | 23°47'44 | 1≈38 | 2°45 | 20°19 | 13°42 | 3°31 | 6°14 | 10° 6 | 17°34 | 2°16 | 1°D18 | 1°41 | 3°30 | 19°44 | T 15 |
| F 16 | 7 40 54 | 24°48'46 | 13°25 | 3°59 | 21°35 | 14°29 | 3°38 | 6°R14 | 10° 4 | 17°36 | 2°16 | 1°18 | 1°38 | 3°36 | 19°49 | F 16 |
| S 17 | 7 44 50 | 25°49'49 | 25°13 | 5°14 | 22°50 | 15°15 | 3°43 | 6°14 | 10° 3 | 17°38 | 2°16 | 1°19 | 1°35 | 3°43 | 19°53 | S 17 |
| S 18 | 7 48 47 | 26°50'52 | 7) 4 | 6°32 | 24° 6 | 16° 2 | 3°49 | 6°14 | 10° 1 | 17°40 | 2°15 | 1°19 | 1°32 | 3°50 | 19°58 | S 18 |
| M19 | 7 52 44 | 27°51'55 | 19° 3 | 7°50 | 25°21 | 16°49 | 3°55 | 6°14 | 10° 0 | 17°42 | 2°15 | 1°20 | 1°29 | 3°56 | 20° 3 | M19 |
| T 20 | 7 56 40 | 28°52'59 | 1 Υ 11 | 9°11 | 26°37 | 17°35 | 4° 0 | 6°13 | 9°58 | 17°43 | 2°14 | 1°20 | 1°25 | 4° 3 | 20° 8 | T 20 |
| W21 | 8 0 37 | 29°54'02 | 13°34 | 10°32 | 27°52 | 18°22 | 4° 6 | 6°13 | 9°57 | 17°45 | 2°14 | 1°20 | 1°22 | 4°10 | 20°12 | W21 |
| T 22 | 8 4 33 | 0≈55'06 | 26°15 | 11°55 | 29° 8 | 19° 9 | 4°11 | 6°12 | 9°56 | 17°47 | 2°13 | 1°21 | 1°19 | 4°16 | 20°17 | T 22 |
| F 23 | 8 8 30 | 1°56'10 | 9 8 17 | 13°18 | 0≈23 | 19°55 | 4°16 | 6°12 | 9°54 | 17°49 | 2°13 | 1°21 | 1°16 | 4°23 | 20°22 | F 23 |
| S 24 | 8 12 26 | 2°57'13 | 22°44 | 14°43 | 1°39 | 20°42 | 4°21 | 6°11 | 9°53 | 17°50 | 2°12 | 1°21 | 1°13 | 4°30 | 20°27 | S 24 |
| S 25 | 8 16 23 | 3°58'16 | 6Д38 | 16° 8 | 2°54 | 21°29 | 4°25 | 6°10 | 9°52 | 17°52 | 2°11 | 1°21 | 1° 9 | 4°36 | 20°32 | S 25 |
| M26 | 8 20 19 | 4°59'20 | 20°58 | 17°34 | 4°10 | 22°15 | 4°30 | 6° 9 | 9°51 | 17°54 | 2°11 | 1°21 | 1° 6 | 4°43 | 20°37 | M26 |
| T 27 | 8 24 16 | 6° 0'23 | 59643 | 19° 0 | 5°25 | 23° 2 | 4°34 | 6° 8 | 9°50 | 17°56 | 2°10 | 1°22 | 1° 3 | 4°49 | 20°41 | T 27 |
| W28 | 8 28 13 | 7° 1'26 | 20°46 | 20°28 | 6°41 | 23°49 | 4°38 | 6° 6 | 9°49 | 17°57 | 2° 9 | 1°22 | 1° 0 | 4°56 | 20°46 | W28 |
| T 29 | 8 32 9 | 8° 2'29 | 5 Ω 59 | 21°56 | 7°56 | 24°35 | 4°42 | 6° 5 | 9°48 | 17°59 | 2° 9 | 1°R22 | 0°57 | 5° 3 | 20°51 | T 29 |
| F 30 | 8 36 6 | 9° 3'32 | 21°14 | 2 <u>3</u> °24 | 9°12 | 25°22 | 4°46 | 6° 4 | 9°47 | 18° 0 | 2° 8 | 1°22 | 0°54 | 5° 9 | 20°56 | F 30 |
| S 31 | 8 40 2 | 10≈ 4'35 | 6 m 19 | 24 궁 53 | 10≈27 | 26 ∺ 8 | 4 M .50 | 6 ₾ 2 | 9∏46 | 18 × 2 | 2 ≏ 7 | 1 N 21 | 0 Ω 50 | 5≈16 | 21≈ 1 | S 31 |

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| Day | Sid.t | \odot | Ŋ | φ | φ | ď | 24 | ħ |)ұ(| ¥ | 5 | ß | Ω | Ç | Š | Day |
|------|----------|------------------|-----------------|----------------|----------------|----------------|----------------|---------------|---------------|-----------------|---------------|---------------|---------------|------|-------|------|
| S 1 | 8 43 59 | 11≈ 5'38 | 21 mg 7 | 26 궁 23 | 11≈42 | 26) 55 | 4ML53 | 6°R 0 | 9°R45 | 18 × 3 | 2°R 6 | 1°R20 | 0 Ω 47 | 5≈23 | 21≈ 6 | S 1 |
| M 2 | 8 47 55 | 12° 6'41 | 5 ≏ 30 | 27°53 | 12°58 | 27°42 | 4°57 | 5 Ω 59 | 9 ∏ 44 | 18° 5 | 2 ₾ 5 | 1 Ω 18 | 0°44 | 5°29 | 21°11 | M 2 |
| T 3 | 8 51 52 | 13° 7'45 | 19°27 | 29°23 | 14°13 | 28°28 | 5° 0 | 5°57 | 9°43 | 18° 6 | 2° 4 | 1°17 | 0°41 | 5°36 | 21°16 | T 3 |
| W 4 | 8 55 48 | 14° 8'48 | 2ML55 | 0≈54 | 15°29 | 29°15 | 5° 3 | 5°55 | 9°43 | 18° 8 | 2° 3 | 1°16 | 0°38 | 5°43 | 21°21 | W 4 |
| T 5 | 8 59 45 | 15° 9'51 | 15°58 | 2°26 | 16°44 | 0 Υ 2 | 5° 5 | 5°53 | 9°42 | 18° 9 | 2° 2 | 1°D16 | 0°35 | 5°49 | 21°26 | T 5 |
| F 6 | 9 3 42 | 16°10'55 | 28°37 | 3°58 | 18° 0 | 0°48 | 5° 8 | 5°51 | 9°41 | 18°11 | 2° 2 | 1°16 | 0°31 | 5°56 | 21°31 | F 6 |
| S 7 | 9 738 | 17°11'58 | 10 ∡ 758 | 5°31 | 19°15 | 1°35 | 5°10 | 5°48 | 9°41 | 18°12 | 2° 1 | 1°17 | 0°28 | 6° 3 | 21°36 | S 7 |
| S 8 | 9 11 35 | 18°13'02 | 23° 4 | 7° 4 | 20°31 | 2°21 | 5°13 | 5°46 | 9°40 | 18°13 | 2° 0 | 1°19 | 0°25 | 6° 9 | 21°41 | S 8 |
| M 9 | 9 15 31 | 19°14'05 | 5중 0 | 8°37 | 21°46 | 3° 8 | 5°15 | 5°43 | 9°40 | 18°15 | 1°59 | 1°20 | 0°22 | 6°16 | 21°46 | M 9 |
| T 10 | 9 19 28 | 20°15'08 | 16°50 | 10°11 | 23° 2 | 3°55 | 5°17 | 5°41 | 9°40 | 18°16 | 1°57 | 1°22 | 0°19 | 6°22 | 21°51 | T 10 |
| W11 | 9 23 24 | 21°16'11 | 28°36 | 11°46 | 24°17 | 4°41 | 5°18 | 5°38 | 9°39 | 18°17 | 1°56 | 1°R22 | 0°15 | 6°29 | 21°56 | W11 |
| T 12 | 9 27 21 | 22°17'13 | 10≈23 | 13°21 | 25°33 | 5°28 | 5°20 | 5°35 | 9°39 | 18°19 | 1°55 | 1°22 | 0°12 | 6°36 | 22° 1 | T 12 |
| F 13 | 9 31 17 | 23°18'15 | 22°12 | 14°57 | 26°48 | 6°14 | 5°21 | 5°33 | 9°39 | 18°20 | 1°54 | 1°21 | 0° 9 | 6°42 | 22° 6 | F 13 |
| S 14 | 9 35 14 | 24°19'16 | 4) € 6 | 16°33 | 28° 4 | 7° 1 | 5°22 | 5°30 | 9°39 | 18°21 | 1°53 | 1°18 | 0° 6 | 6°49 | 22°11 | S 14 |
| S 15 | 9 39 11 | 25°20'17 | 16° 6 | 18°10 | 29°19 | 7°47 | 5°23 | 5°27 | 9°38 | 18°22 | 1°52 | 1°14 | 0° 3 | 6°56 | 22°16 | S 15 |
| M16 | 9 43 7 | 26°21'17 | 28°15 | 19°47 | 0) €34 | 8°34 | 5°24 | 5°24 | 9°38 | 18°23 | 1°51 | 1°10 | 29959 | 7° 2 | 22°21 | M16 |
| T 17 | 9 47 4 | 27°22'16 | 10 Y 33 | 21°25 | 1°50 | 9°20 | 5°24 | 5°20 | 9°D38 | 18°24 | 1°49 | 1° 5 | 29°56 | 7° 9 | 22°26 | T 17 |
| W18 | 9 51 0 | 28°23'14 | 23° 3 | 23° 4 | 3° 5 | 10° 7 | 5°24 | 5°17 | 9°38 | 18°25 | 1°48 | 1° 1 | 29°53 | 7°16 | 22°31 | W18 |
| T 19 | 9 54 57 | 29°24'12 | 5 8 47 | 24°43 | 4°21 | 10°53 | 5°R25 | 5°14 | 9°38 | 18°26 | 1°47 | 0°58 | 29°50 | 7°22 | 22°36 | T 19 |
| F 20 | 9 58 53 | 0 ∺ 25'08 | 18°48 | 26°23 | 5°36 | 11°39 | 5°25 | 5°10 | 9°39 | 18°27 | 1°46 | 0°56 | 29°47 | 7°29 | 22°41 | F 20 |
| S 21 | 10 2 50 | 1°26'03 | 2 II 8 | 28° 3 | 6°51 | 12°26 | 5°24 | 5° 7 | 9°39 | 18°28 | 1°44 | 0°D55 | 29°44 | 7°36 | 22°46 | S 21 |
| S 22 | 10 6 46 | 2°26'58 | 15°49 | 29°44 | 8° 7 | 13°12 | 5°24 | 5° 3 | 9°39 | 18°29 | 1°43 | 0°56 | 29°41 | 7°42 | 22°51 | S 22 |
| M23 | 10 10 43 | 3°27'51 | 29°52 | 1 ∺ 26 | 9°22 | 13°59 | 5°23 | 4°59 | 9°39 | 18°30 | 1°42 | 0°57 | 29°37 | 7°49 | 22°56 | M23 |
| T 24 | 10 14 40 | 4°28'43 | 149517 | 3° 9 | 10°38 | 14°45 | 5°22 | 4°56 | 9°40 | 18°31 | 1°40 | 0°59 | 29°34 | 7°56 | 23° 0 | T 24 |
| W25 | 10 18 36 | 5°29'34 | 29° 2 | 4°52 | 11°53 | 15°31 | 5°21 | 4°52 | 9°40 | 18°32 | 1°39 | 1°R 0 | 29°31 | 8° 2 | 23° 5 | W25 |
| T 26 | 10 22 33 | 6°30'23 | 14 Ω 0 | 6°36 | 13° 8 | 16°17 | 5°20 | 4°48 | 9°40 | 18°33 | 1°38 | 0°59 | 29°28 | 8° 9 | 23°10 | T 26 |
| F 27 | 10 26 29 | 7°31'12 | 29° 6 | 8°21 | 14°23 | 17° 4 | 5°19 | 4°44 | 9°41 | 18°33 | 1°36 | 0°57 | 29°25 | 8°15 | 23°15 | F 27 |
| S 28 | 10 30 26 | 8°31'59 | 14 Mp 10 | 10° 6 | 15°39 | 17°50 | 5°17 | 4°40 | 9°41 | 18°34 | 1°35 | 0°52 | 29°21 | 8°22 | 23°20 | S 28 |
| S 29 | 10 34 22 | 9) 32'46 | 29 m) 2 | 11 ∺ 52 | 16) 54 | 18 Y 36 | 5 M .16 | 4 ₾ 36 | 9 Ⅱ 42 | 18 ∡ ³35 | 1 ≏ 34 | 0 Ω 47 | 299518 | 8≈29 | 23≈25 | S 29 |

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|------|----------|-------------------|-----------------|----------------|----------------|----------------|----------------|---------------|----------------|-----------------|---------------|--------------|--------|-------|-------|------|
| M 1 | 10 38 19 | 10) 33'31 | 13 ≏ 35 | 13) 39 | 18) 9 | 19 Υ 22 | 5°R14 | 4°R32 | 9 Ⅱ 43 | 18 ∡ ³35 | 1°R32 | 0°R40 | 299515 | 8≈35 | 23≈30 | M 1 |
| T 2 | 10 42 15 | 11°34'15 | 27°41 | 15°26 | 19°25 | 20° 8 | 5 M .11 | 4 ≏ 28 | 9°43 | 18°36 | 1 ≏ 31 | 0Ω 34 | 29°12 | 8°42 | 23°34 | T 2 |
| W 3 | 10 46 12 | 12°34'59 | 11 M 20 | 17°14 | 20°40 | 20°54 | 5° 9 | 4°23 | 9°44 | 18°37 | 1°29 | 0°29 | 29° 9 | 8°49 | 23°39 | W 3 |
| T 4 | 10 50 8 | 13°35'42 | 24°30 | 19° 2 | 21°55 | 21°40 | 5° 7 | 4°19 | 9°45 | 18°37 | 1°28 | 0°25 | 29° 6 | 8°55 | 23°44 | T 4 |
| F 5 | 10 54 5 | 14°36'23 | 7 .₹ 15 | 20°51 | 23°10 | 22°26 | 5° 4 | 4°15 | 9°46 | 18°38 | 1°26 | 0°23 | 29° 2 | 9° 2 | 23°49 | F 5 |
| S 6 | 10 58 2 | 15°37'04 | 19°37 | 22°40 | 24°25 | 23°12 | 5° 1 | 4°10 | 9°47 | 18°38 | 1°25 | 0°D23 | 28°59 | 9° 9 | 23°53 | S 6 |
| S 7 | 11 1 58 | 16°37'44 | 1 る 43 | 24°30 | 25°41 | 23°58 | 4°58 | 4° 6 | 9°48 | 18°39 | 1°23 | 0°24 | 28°56 | 9°15 | 23°58 | S 7 |
| M 8 | 11 5 55 | 17°38'23 | 13°37 | 26°19 | 26°56 | 24°44 | 4°55 | 4° 1 | 9°49 | 18°39 | 1°22 | 0°25 | 28°53 | 9°22 | 24° 3 | M 8 |
| T 9 | 11 9 51 | 18°39'01 | 25°24 | 28° 9 | 28°11 | 25°30 | 4°51 | 3°57 | 9°50 | 18°40 | 1°20 | 0°R26 | 28°50 | 9°29 | 24° 7 | T 9 |
| W10 | 11 13 48 | 19°39'38 | 7≈10 | 29°58 | 29°26 | 26°16 | 4°48 | 3°52 | 9°51 | 18°40 | 1°19 | 0°26 | 28°47 | 9°35 | 24°12 | W10 |
| T 11 | 11 17 44 | 20°40'14 | 18°58 | 1 Ƴ 47 | 0 Υ 41 | 27° 2 | 4°44 | 3°48 | 9°52 | 18°40 | 1°17 | 0°24 | 28°43 | 9°42 | 24°17 | T 11 |
| F 12 | 11 21 41 | 21°40'48 | 0 ∺ 51 | 3°36 | 1°56 | 27°48 | 4°40 | 3°43 | 9°53 | 18°41 | 1°16 | 0°20 | 28°40 | 9°49 | 24°21 | F 12 |
| S 13 | 11 25 37 | 22°41'21 | 12°54 | 5°23 | 3°11 | 28°34 | 4°36 | 3°38 | 9°55 | 18°41 | 1°14 | 0°13 | 28°37 | 9°55 | 24°26 | S 13 |
| S 14 | 11 29 34 | 23°41'52 | 25° 6 | 7° 9 | 4°26 | 29°19 | 4°32 | 3°34 | 9°56 | 18°41 | 1°13 | 0° 4 | 28°34 | 10° 2 | 24°30 | S 14 |
| M15 | 11 33 31 | 24°42'22 | 7 Ƴ 29 | 8°53 | 5°41 | 0 8 5 | 4°27 | 3°29 | 9°57 | 18°41 | 1°11 | 29954 | 28°31 | 10° 8 | 24°35 | M15 |
| T 16 | 11 37 27 | 25°42'51 | 20° 4 | 10°35 | 6°57 | 0°51 | 4°23 | 3°24 | 9°59 | 18°41 | 1°10 | 29°43 | 28°27 | 10°15 | 24°39 | T 16 |
| W17 | 11 41 24 | 26°43'18 | 2 8 50 | 12°15 | 8°12 | 1°36 | 4°18 | 3°19 | 10° 0 | 18°42 | 1°8 | 29°33 | 28°24 | 10°22 | 24°44 | W17 |
| T 18 | 11 45 20 | 27°43'43 | 15°49 | 13°51 | 9°27 | 2°22 | 4°13 | 3°15 | 10° 2 | 18°42 | 1° 6 | 29°24 | 28°21 | 10°28 | 24°48 | T 18 |
| F 19 | 11 49 17 | 28°44'07 | 28°59 | 15°24 | 10°41 | 3° 8 | 4° 8 | 3°10 | 10° 3 | 18°42 | 1° 5 | 29°18 | 28°18 | 10°35 | 24°52 | F 19 |
| S 20 | 11 53 13 | 29°44'29 | 12 Ⅱ 23 | 16°52 | 11°56 | 3°53 | 4° 3 | 3° 5 | 10° 5 | 18°R42 | 1° 3 | 29°14 | 28°15 | 10°42 | 24°57 | S 20 |
| S 21 | 11 57 10 | 0 Υ 44'49 | 26° 1 | 18°16 | 13°11 | 4°39 | 3°57 | 3° 0 | 10° 6 | 18°42 | 1° 2 | 29°D13 | 28°12 | 10°48 | 25° 1 | S 21 |
| M22 | 12 1 6 | 1°45'07 | 9954 | 19°34 | 14°26 | 5°24 | 3°52 | 2°55 | 10° 8 | 18°42 | 1° 0 | 29°13 | 28° 8 | 10°55 | 25° 5 | M22 |
| T 23 | 12 5 3 | 2°45'23 | 24° 2 | 20°45 | 15°41 | 6° 9 | 3°46 | 2°50 | 10°10 | 18°42 | 0°59 | 29°R13 | 28° 5 | 11° 2 | 25° 9 | T 23 |
| W24 | 12 9 0 | 3°45'37 | 8 Ω 24 | 21°50 | 16°56 | 6°55 | 3°41 | 2°46 | 10°12 | 18°41 | 0°57 | 29°13 | 28° 2 | 11° 8 | 25°14 | W24 |
| T 25 | 12 12 56 | 4°45'49 | 22°59 | 22°48 | 18°11 | 7°40 | 3°35 | 2°41 | 10°13 | 18°41 | 0°55 | 29°11 | 27°59 | 11°15 | 25°18 | T 25 |
| F 26 | 12 16 53 | 5°46'00 | 7 ™ 42 | 23°38 | 19°26 | 8°25 | 3°29 | 2°36 | 10°15 | 18°41 | 0°54 | 29° 6 | 27°56 | 11°22 | 25°22 | F 26 |
| S 27 | 12 20 49 | 6°46'08 | 22°26 | 24°19 | 20°40 | 9°11 | 3°22 | 2°31 | 10°17 | 18°41 | 0°52 | 28°59 | 27°52 | 11°28 | 25°26 | S 27 |
| S 28 | 12 24 46 | 7°46'14 | 7 ≗ 4 | 24°52 | 21°55 | 9°56 | 3°16 | 2°26 | 10°19 | 18°41 | 0°51 | 28°49 | 27°49 | 11°35 | 25°30 | S 28 |
| M29 | 12 28 42 | 8°46'19 | 21°29 | 25°16 | 23°10 | 10°41 | 3°10 | 2°22 | 10°21 | 18°40 | 0°49 | 28°38 | 27°46 | 11°41 | 25°34 | M29 |
| T 30 | 12 32 39 | 9°46'22 | 5 M .33 | 25°31 | 24°24 | 11°26 | 3° 3 | 2°17 | 10°23 | 18°40 | 0°48 | 28°27 | 27°43 | 11°48 | 25°38 | T 30 |
| W31 | 12 36 35 | 10 Y 46'24 | 19 M .13 | 25°R37 | 25 Y 39 | 12 8 11 | 2 M 57 | 2 ≏ 12 | 10 Ⅱ 25 | 18 × 40 | 0 ჲ 46 | 289516 | 279540 | 11≈55 | 25≈42 | W31 |

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| Day | Sid.t | 0 | D | ğ | Q. | ď | 4 | ħ |)∤(| ¥ | В | N. | v | Ç | ę, | Day |
|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|---------------|--------|--------|----------------|-------|------|
| T 1 | 12 40 32 | 11 ° 46'24 | 2 ₹ 26 | 25°R33 | 26 Y 54 | 12 8 56 | 2°R50 | 2°R 7 | 10 Ⅲ 27 | 18°R39 | 0°R45 | 28°R 8 | 279537 | 12≈ 1 | 25≈46 | T 1 |
| F 2 | 12 44 28 | 12°46'22 | 15°15 | 25 ℃ 21 | 28° 8 | 13°41 | 2 M .43 | 2 ॒ 3 | 10°30 | 18 × 39 | 0 ჲ 43 | 2895 3 | 27°33 | 12° 8 | 25°49 | F 2 |
| S 3 | 12 48 25 | 13°46'19 | 27°41 | 25° 1 | 29°23 | 14°26 | 2°36 | 1°58 | 10°32 | 18°39 | 0°42 | 28° 0 | 27°30 | 12°15 | 25°53 | S 3 |
| S 4 | 12 52 22 | 14°46'15 | 9 궁 49 | 24°33 | 0 ප 37 | 15°11 | 2°29 | 1°53 | 10°34 | 18°38 | 0°40 | 27°58 | 27°27 | 12°21 | 25°57 | S 4 |
| M 5 | 12 56 18 | 15°46'09 | 21°45 | 23°58 | 1°52 | 15°56 | 2°22 | 1°49 | 10°36 | 18°38 | 0°39 | 27°58 | 27°24 | 12°28 | 26° 0 | M 5 |
| T 6 | 13 0 15 | 16°46'01 | 3≈33 | 23°16 | 3° 6 | 16°41 | 2°15 | 1°44 | 10°39 | 18°37 | 0°37 | 27°58 | 27°21 | 12°35 | 26° 4 | T 6 |
| W 7 | 13 4 11 | 17°45'51 | 15°20 | 22°29 | 4°21 | 17°26 | 2° 8 | 1°40 | 10°41 | 18°36 | 0°36 | 27°57 | 27°18 | 12°41 | 26° 8 | W 7 |
| T 8 | 13 8 8 | 18°45'40 | 27°11 | 21°39 | 5°35 | 18°10 | 2° 0 | 1°35 | 10°43 | 18°36 | 0°34 | 27°54 | 27°14 | 12°48 | 26°11 | T 8 |
| F 9 | 13 12 4 | 19°45'27 | 9) 9 | 20°45 | 6°50 | 18°55 | 1°53 | 1°31 | 10°46 | 18°35 | 0°33 | 27°48 | 27°11 | 12°55 | 26°15 | F 9 |
| S 10 | 13 16 1 | 20°45'13 | 21°19 | 19°50 | 8° 4 | 19°40 | 1°45 | 1°26 | 10°48 | 18°35 | 0°31 | 27°39 | 27° 8 | 13° 1 | 26°18 | S 10 |
| S 11 | 13 19 57 | 21°44'56 | 3 Υ43 | 18°54 | 9°19 | 20°24 | 1°38 | 1°22 | 10°51 | 18°34 | 0°30 | 27°28 | 27° 5 | 13° 8 | 26°21 | S 11 |
| M12 | 13 23 54 | 22°44'38 | 16°22 | 17°59 | 10°33 | 21° 9 | 1°30 | 1°18 | 10°53 | 18°33 | 0°28 | 27°15 | 27° 2 | 13°15 | 26°25 | M12 |
| T 13 | 13 27 51 | 23°44'18 | 29°16 | 17° 6 | 11°47 | 21°53 | 1°23 | 1°13 | 10°56 | 18°32 | 0°27 | 27° 1 | 26°58 | 13°21 | 26°28 | T 13 |
| W14 | 13 31 47 | 24°43'56 | 12825 | 16°16 | 13° 1 | 22°38 | 1°15 | 1° 9 | 10°59 | 18°32 | 0°25 | 26°48 | 26°55 | 13°28 | 26°31 | W14 |
| T 15 | 13 35 44 | 25°43'32 | 25°45 | 15°29 | 14°16 | 23°22 | 1° 8 | 1° 5 | 11° 1 | 18°31 | 0°24 | 26°37 | 26°52 | 13°35 | 26°34 | T 15 |
| F 16 | 13 39 40 | 26°43'07 | 9∏17 | 14°47 | 15°30 | 24° 7 | 1° 0 | 1° 1 | 11° 4 | 18°30 | 0°23 | 26°29 | 26°49 | 13°41 | 26°37 | F 16 |
| S 17 | 13 43 37 | 27°42'38 | 22°57 | 14° 9 | 16°44 | 24°51 | 0°52 | 0°57 | 11° 7 | 18°29 | 0°21 | 26°23 | 26°46 | 13°48 | 26°40 | S 17 |
| S 18 | 13 47 33 | 28°42'08 | 69345 | 13°37 | 17°58 | 25°35 | 0°44 | 0°53 | 11° 9 | 18°28 | 0°20 | 26°20 | 26°43 | 13°54 | 26°43 | S 18 |
| M19 | 13 51 30 | 29°41'36 | 20°41 | 13°11 | 19°12 | 26°19 | 0°37 | 0°49 | 11°12 | 18°27 | 0°19 | 26°20 | 26°39 | 14° 1 | 26°46 | M19 |
| T 20 | 13 55 26 | 0841'01 | 4 Ω 43 | 12°50 | 20°26 | 27° 4 | 0°29 | 0°45 | 11°15 | 18°26 | 0°17 | 26°20 | 26°36 | 14° 8 | 26°49 | T 20 |
| W21 | 13 59 23 | 1°40'24 | 18°52 | 12°35 | 21°40 | 27°48 | 0°21 | 0°41 | 11°18 | 18°26 | 0°16 | 26°19 | 26°33 | 14°14 | 26°52 | W21 |
| T 22 | 14 3 20 | 2°39'45 | 3 Mmy 7 | 12°26 | 22°54 | 28°32 | 0°13 | 0°37 | 11°21 | 18°25 | 0°15 | 26°16 | 26°30 | 14°21 | 26°55 | T 22 |
| F 23 | 14 7 16 | 3°39'03 | 17°24 | 12°D23 | 24° 8 | 29°16 | 0° 6 | 0°34 | 11°24 | 18°23 | 0°14 | 26°11 | 26°27 | 14°28 | 26°57 | F 23 |
| S 24 | 14 11 13 | 4°38'19 | 1 ≏ 42 | 12°25 | 25°22 | 29°59 | 29 ≙ 58 | 0°30 | 11°27 | 18°22 | 0°12 | 26° 3 | 26°24 | 14°34 | 27° 0 | S 24 |
| S 25 | 14 15 9 | 5°37'33 | 15°54 | 12°33 | 26°36 | 0 Ⅱ 44 | 29°50 | 0°27 | 11°29 | 18°21 | 0°11 | 25°53 | 26°20 | 14°41 | 27° 2 | S 25 |
| M26 | 14 19 6 | 6°36'45 | 29°56 | 12°46 | 27°50 | 1°28 | 29°43 | 0°23 | 11°32 | 18°20 | 0°10 | 25°41 | 26°17 | 14°48 | 27° 5 | M26 |
| T 27 | 14 23 2 | 7°35'55 | 13 M 43 | 13° 4 | 29° 4 | 2°11 | 29°35 | 0°20 | 11°35 | 18°19 | 0° 9 | 25°29 | 26°14 | 14°54 | 27° 7 | T 27 |
| W28 | 14 26 59 | 8°35'03 | 27°11 | 13°27 | 0 Ⅱ 17 | 2°55 | 29°27 | 0°17 | 11°38 | 18°18 | 0° 8 | 25°18 | 26°11 | 15° 1 | 27°10 | W28 |
| T 29 | 14 30 55 | 9°34'09 | 10 才 18 | 13°54 | 1°31 | 3°39 | 29°20 | 0°14 | 11°41 | 18°17 | 0° 6 | 25° 9 | 26° 8 | 15° 8 | 27°12 | T 29 |
| F 30 | 14 34 52 | 10833'14 | 23 × 3 | 14 Υ 26 | 2 Ⅱ 45 | 4 Ⅱ 23 | 29 ≏ 12 | 0 ჲ 10 | 11 Ⅱ 45 | 18 × 16 | 0요 5 | 259 2 | 2695 4 | 15 ≈ 14 | 27≈14 | F 30 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)f(| ¥ | В | ß | v | Ç | o k | Day |
|------|----------|----------|----------------|---------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|--------|--------|----------------|--------|------|
| S 1 | 14 38 48 | 11832'17 | 5 七 29 | 15 ℃ 2 | 3耳58 | 5 I I 6 | 29°R 5 | 0°R 7 | 11 Ⅱ 48 | 18°R14 | 0°R 4 | 24°R58 | 2699 1 | 15≈21 | 27≈17 | S 1 |
| S 2 | 14 42 45 | 12°31'18 | 17°38 | 15°42 | 5°12 | 5°50 | 28 ≏ 58 | 0 ₾ 5 | 11°51 | 18 × 13 | 0 ჲ 3 | 24957 | 25°58 | 15°28 | 27°19 | S 2 |
| M 3 | 14 46 42 | 13°30'17 | 29°35 | 16°25 | 6°26 | 6°33 | 28°50 | 0° 2 | 11°54 | 18°12 | 0° 2 | 24°D57 | 25°55 | 15°34 | 27°21 | M 3 |
| T 4 | 14 50 38 | 14°29'15 | 11≈25 | 17°12 | 7°39 | 7°17 | 28°43 | 29 m 59 | 11°57 | 18°11 | 0° 1 | 24°R57 | 25°52 | 15°41 | 27°23 | T 4 |
| W 5 | 14 54 35 | 15°28'10 | 23°14 | 18° 3 | 8°53 | 8° 0 | 28°36 | 29°56 | 12° 0 | 18° 9 | 0° 0 | 24°57 | 25°49 | 15°48 | 27°25 | W 5 |
| T 6 | 14 58 31 | 16°27'05 | 5 ∺ 6 | 18°57 | 10° 6 | 8°44 | 28°29 | 29°54 | 12° 3 | 18° 8 | 29 Mp 59 | 24°55 | 25°45 | 15°54 | 27°27 | T 6 |
| F 7 | 15 2 28 | 17°25'57 | 17° 8 | 19°54 | 11°20 | 9°27 | 28°22 | 29°51 | 12° 7 | 18° 7 | 29°58 | 24°51 | 25°42 | 16° 1 | 27°28 | F 7 |
| S 8 | 15 6 24 | 18°24'48 | 29°23 | 20°53 | 12°33 | 10°10 | 28°15 | 29°49 | 12°10 | 18° 5 | 29°57 | 24°45 | 25°39 | 16° 8 | 27°30 | S 8 |
| S 9 | 15 10 21 | 19°23'37 | 11 Y 55 | 21°56 | 13°46 | 10°54 | 28° 8 | 29°47 | 12°13 | 18° 4 | 29°56 | 24°36 | 25°36 | 16°14 | 27°32 | S 9 |
| M10 | 15 14 17 | 20°22'24 | 24°46 | 23° 1 | 15° 0 | 11°37 | 28° 1 | 29°44 | 12°16 | 18° 3 | 29°55 | 24°26 | 25°33 | 16°21 | 27°33 | M10 |
| T 11 | 15 18 14 | 21°21'10 | 7 8 56 | 24° 8 | 16°13 | 12°20 | 27°55 | 29°42 | 12°20 | 18° 1 | 29°54 | 24°15 | 25°29 | 16°27 | 27°35 | T 11 |
| W12 | 15 22 11 | 22°19'54 | 21°25 | 25°18 | 17°26 | 13° 3 | 27°48 | 29°40 | 12°23 | 18° 0 | 29°54 | 24° 4 | 25°26 | 16°34 | 27°36 | W12 |
| T 13 | 15 26 7 | 23°18'35 | 5 I I 9 | 26°31 | 18°39 | 13°46 | 27°42 | 29°38 | 12°26 | 17°58 | 29°53 | 23°55 | 25°23 | 16°41 | 27°38 | T 13 |
| F 14 | 15 30 4 | 24°17'16 | 19° 6 | 27°45 | 19°52 | 14°29 | 27°35 | 29°37 | 12°30 | 17°57 | 29°52 | 23°48 | 25°20 | 16°47 | 27°39 | F 14 |
| S 15 | 15 34 0 | 25°15'54 | 39911 | 29° 2 | 21° 6 | 15°12 | 27°29 | 29°35 | 12°33 | 17°56 | 29°51 | 23°44 | 25°17 | 16°54 | 27°40 | S 15 |
| S 16 | 15 37 57 | 26°14'30 | 17°20 | 0821 | 22°19 | 15°55 | 27°23 | 29°33 | 12°36 | 17°54 | 29°51 | 23°D42 | 25°14 | 17° 1 | 27°42 | S 16 |
| M17 | 15 41 53 | 27°13'04 | 1 Ω 32 | 1°42 | 23°32 | 16°38 | 27°17 | 29°32 | 12°40 | 17°53 | 29°50 | 23°42 | 25°10 | 17° 7 | 27°43 | M17 |
| T 18 | 15 45 50 | 28°11'36 | 15°43 | 3° 6 | 24°45 | 17°21 | 27°11 | 29°30 | 12°43 | 17°51 | 29°49 | 23°43 | 25° 7 | 17°14 | 27°44 | T 18 |
| W19 | 15 49 46 | 29°10'05 | 29°51 | 4°31 | 25°57 | 18° 4 | 27° 6 | 29°29 | 12°47 | 17°50 | 29°49 | 23°R43 | 25° 4 | 17°21 | 27°45 | W19 |
| T 20 | 15 53 43 | 0耳 8'33 | 13 m 57 | 5°58 | 27°10 | 18°47 | 27° 0 | 29°28 | 12°50 | 17°48 | 29°48 | 23°43 | 25° 1 | 17°27 | 27°46 | T 20 |
| F 21 | 15 57 40 | 1° 6'58 | 27°57 | 7°27 | 28°23 | 19°29 | 26°55 | 29°27 | 12°53 | 17°47 | 29°47 | 23°40 | 24°58 | 17°34 | 27°46 | F 21 |
| S 22 | 16 1 36 | 2° 5'22 | 11 ≏ 52 | 8°58 | 29°36 | 20°12 | 26°49 | 29°26 | 12°57 | 17°45 | 29°47 | 23°35 | 24°55 | 17°41 | 27°47 | S 22 |
| S 23 | 16 5 33 | 3° 3'43 | 25°37 | 10°31 | 09549 | 20°54 | 26°44 | 29°25 | 13° 0 | 17°43 | 29°46 | 23°28 | 24°51 | 17°47 | 27°48 | S 23 |
| M24 | 16 9 29 | 4° 2'03 | 9 ™ 13 | 12° 5 | 2° 1 | 21°37 | 26°39 | 29°24 | 13° 4 | 17°42 | 29°46 | 23°20 | 24°48 | 17°54 | 27°49 | M24 |
| T 25 | 16 13 26 | 5° 0'20 | 22°35 | 13°42 | 3°14 | 22°19 | 26°35 | 29°24 | 13° 7 | 17°40 | 29°45 | 23°11 | 24°45 | 18° 1 | 27°49 | T 25 |
| W26 | 16 17 22 | 5°58'36 | 5 ₹ 41 | 15°21 | 4°27 | 23° 2 | 26°30 | 29°23 | 13°11 | 17°39 | 29°45 | 23° 4 | 24°42 | 18° 7 | 27°50 | W26 |
| T 27 | 16 21 19 | 6°56'50 | 18°32 | 17° 1 | 5°39 | 23°44 | 26°25 | 29°23 | 13°14 | 17°37 | 29°44 | 22°57 | 24°39 | 18°14 | 27°50 | T 27 |
| F 28 | 16 25 15 | 7°55'03 | 1පි 6 | 18°43 | 6°52 | 24°27 | 26°21 | 29°22 | 13°17 | 17°36 | 29°44 | 22°53 | 24°35 | 18°21 | 27°50 | F 28 |
| S 29 | 16 29 12 | 8°53'14 | 13°25 | 20°27 | 8° 4 | 25° 9 | 26°17 | 29°22 | 13°21 | 17°34 | 29°44 | 22°51 | 24°32 | 18°27 | 27°51 | S 29 |
| S 30 | 16 33 9 | 9°51'24 | 25°31 | 22°13 | 9°16 | 25°51 | 26°13 | 29°22 | 13°24 | 17°32 | 29°43 | 22°D50 | 24°29 | 18°34 | 27°51 | S 30 |
| M31 | 16 37 5 | 10∏49'32 | 7≈27 | 248 1 | 10929 | 26耳33 | 26 ♀ 9 | 29°D22 | 13 Ⅱ 28 | 17 × 31 | 29 m 43 | 22951 | 249526 | 18 ≈ 41 | 27≈51 | M31 |

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|------|----------|-------------------|-----------------|----------------|----------------|--------|----------------|--------------|----------------|-----------------|-----------------|--------|--------|-------|--------|------|
| T 1 | 16 41 2 | 11 Ⅱ 47'39 | 19≈18 | 25 8 51 | 119541 | 27∐16 | 26°R 5 | 29 Mp 22 | 13 Ⅲ 31 | 17°R29 | 29°R43 | 22953 | 249523 | 18≈47 | 27≈51 | T 1 |
| W 2 | 16 44 58 | 12°45'44 | 1) 7 | 27°43 | 12°53 | 27°58 | 26 ♀ 2 | 29°22 | 13°35 | 17 ∡ 728 | 29 m /42 | 22°54 | 24°20 | 18°54 | 27°R51 | W 2 |
| T 3 | 16 48 55 | 13°43'48 | 13° 0 | 29°37 | 14° 5 | 28°40 | 25°58 | 29°22 | 13°38 | 17°26 | 29°42 | 22°R55 | 24°16 | 19° 1 | 27°51 | T 3 |
| F 4 | 16 52 51 | 14°41'51 | 25° 3 | 1 Ⅲ 32 | 15°18 | 29°22 | 25°55 | 29°23 | 13°42 | 17°24 | 29°42 | 22°54 | 24°13 | 19° 7 | 27°51 | F 4 |
| S 5 | 16 56 48 | 15°39'52 | 7 Ƴ 19 | 3°30 | 16°30 | 09 4 | 25°52 | 29°23 | 13°45 | 17°23 | 29°42 | 22°52 | 24°10 | 19°14 | 27°51 | S 5 |
| S 6 | 17 0 45 | 16°37'53 | 19°53 | 5°29 | 17°42 | 0°46 | 25°49 | 29°24 | 13°49 | 17°21 | 29°42 | 22°48 | 24° 7 | 19°21 | 27°50 | S 6 |
| M 7 | 17 441 | 17°35'52 | 2 8 49 | 7°30 | 18°54 | 1°28 | 25°47 | 29°25 | 13°52 | 17°19 | 29°42 | 22°44 | 24° 4 | 19°27 | 27°50 | M 7 |
| T 8 | 17 8 38 | 18°33'49 | 16° 7 | 9°33 | 20° 5 | 2° 9 | 25°44 | 29°25 | 13°56 | 17°18 | 29°42 | 22°38 | 24° 1 | 19°34 | 27°50 | T 8 |
| W 9 | 17 12 34 | 19°31'46 | 29°49 | 11°37 | 21°17 | 2°51 | 25°42 | 29°26 | 13°59 | 17°16 | 29°D42 | 22°33 | 23°57 | 19°41 | 27°49 | W 9 |
| T 10 | 17 16 31 | 20°29'41 | 13 Ⅱ 51 | 13°43 | 22°29 | 3°33 | 25°40 | 29°27 | 14° 3 | 17°15 | 29°42 | 22°28 | 23°54 | 19°47 | 27°49 | T 10 |
| F 11 | 17 20 27 | 21°27'35 | 28°10 | 15°50 | 23°41 | 4°15 | 25°38 | 29°28 | 14° 6 | 17°13 | 29°42 | 22°25 | 23°51 | 19°54 | 27°48 | F 11 |
| S 12 | 17 24 24 | 22°25'28 | 129540 | 17°59 | 24°53 | 4°56 | 25°36 | 29°30 | 14° 9 | 17°11 | 29°42 | 22°24 | 23°48 | 20° 1 | 27°47 | S 12 |
| S 13 | 17 28 20 | 23°23'19 | 27°16 | 20° 9 | 26° 4 | 5°38 | 25°34 | 29°31 | 14°13 | 17°10 | 29°42 | 22°D23 | 23°45 | 20° 7 | 27°47 | S 13 |
| M14 | 17 32 17 | 24°21'08 | $11\Omega 51$ | 22°20 | 27°16 | 6°20 | 25°33 | 29°32 | 14°16 | 17° 8 | 29°42 | 22°24 | 23°41 | 20°14 | 27°46 | M14 |
| T 15 | 17 36 14 | 25°18'56 | 26°20 | 24°31 | 28°27 | 7° 1 | 25°32 | 29°34 | 14°20 | 17° 6 | 29°42 | 22°26 | 23°38 | 20°20 | 27°45 | T 15 |
| W16 | 17 40 10 | 26°16'42 | 10 M)41 | 26°43 | 29°39 | 7°43 | 25°31 | 29°36 | 14°23 | 17° 5 | 29°42 | 22°27 | 23°35 | 20°27 | 27°44 | W16 |
| T 17 | 17 44 7 | 27°14'27 | 24°49 | 28°55 | $0\Omega50$ | 8°24 | 25°30 | 29°37 | 14°27 | 17° 3 | 29°42 | 22°R28 | 23°32 | 20°34 | 27°43 | T 17 |
| F 18 | 17 48 3 | 28°12'10 | 8 ≏ 44 | 195 7 | 2° 1 | 9° 5 | 25°29 | 29°39 | 14°30 | 17° 2 | 29°43 | 22°27 | 23°29 | 20°40 | 27°42 | F 18 |
| S 19 | 17 52 0 | 29° 9'52 | 22°25 | 3°19 | 3°13 | 9°47 | 25°28 | 29°41 | 14°33 | 17° 0 | 29°43 | 22°26 | 23°26 | 20°47 | 27°41 | S 19 |
| S 20 | 17 55 56 | 095 7'32 | 5 M 51 | 5°30 | 4°24 | 10°28 | 25°28 | 29°43 | 14°37 | 16°58 | 29°43 | 22°23 | 23°22 | 20°54 | 27°39 | S 20 |
| M21 | 17 59 53 | 1° 5'11 | 19° 4 | 7°40 | 5°35 | 11° 9 | 25°D28 | 29°45 | 14°40 | 16°57 | 29°44 | 22°20 | 23°19 | 21° 0 | 27°38 | M21 |
| T 22 | 18 3 49 | 2° 2'48 | 2 ~ 2 | 9°49 | 6°46 | 11°51 | 25°28 | 29°48 | 14°44 | 16°55 | 29°44 | 22°17 | 23°16 | 21° 7 | 27°37 | T 22 |
| W23 | 18 7 46 | 3° 0'25 | 14°46 | 11°56 | 7°57 | 12°32 | 25°28 | 29°50 | 14°47 | 16°54 | 29°44 | 22°15 | 23°13 | 21°14 | 27°35 | W23 |
| T 24 | 18 11 43 | 3°58'00 | 27°18 | 14° 2 | 9° 8 | 13°13 | 25°29 | 29°52 | 14°50 | 16°52 | 29°45 | 22°12 | 23°10 | 21°20 | 27°34 | T 24 |
| F 25 | 18 15 39 | 4°55'34 | 9 云 37 | 16° 6 | 10°19 | 13°54 | 25°29 | 29°55 | 14°54 | 16°51 | 29°45 | 22°11 | 23° 7 | 21°27 | 27°32 | F 25 |
| S 26 | 18 19 36 | 5°53'07 | 21°46 | 18° 8 | 11°29 | 14°35 | 25°30 | 29°58 | 14°57 | 16°49 | 29°46 | 22°D11 | 23° 3 | 21°34 | 27°31 | S 26 |
| S 27 | 18 23 32 | 6°50'39 | 3≈45 | 20° 8 | 12°40 | 15°16 | 25°31 | 0 亞 0 | 15° 0 | 16°48 | 29°46 | 22°11 | 23° 0 | 21°40 | 27°29 | S 27 |
| M28 | 18 27 29 | 7°48'10 | 15°38 | 22° 5 | 13°51 | 15°57 | 25°32 | 0° 3 | 15° 3 | 16°46 | 29°47 | 22°12 | 22°57 | 21°47 | 27°27 | M28 |
| T 29 | 18 31 25 | 8°45'41 | 27°28 | 24° 1 | 15° 1 | 16°38 | 25°33 | 0° 6 | 15° 7 | 16°45 | 29°47 | 22°13 | 22°54 | 21°54 | 27°26 | T 29 |
| W30 | 18 35 22 | 99543'10 | 9 米 17 | 259554 | 16 Ω 11 | 179519 | 25 ≏ 35 | 0 亞 9 | 15 Ⅱ 10 | 16 ∡ 743 | 29 m /48 | 229514 | 22951 | 22≈ 0 | 27≈24 | W30 |

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|------|----------|------------------|----------------|---------------|-----------------|--------------|----------------|---------------|-----------------|----------------|----------------|--------|--------|-------|--------|------|
| T 1 | 18 39 18 | 109640'39 | 21 米 11 | 279544 | 17 Ω 22 | 1899 0 | 25 ₽ 36 | 0 ჲ 12 | 15 I I13 | 16°R42 | 29 m 49 | 229915 | 229647 | 22≈ 7 | 27°R22 | T 1 |
| F 2 | 18 43 15 | 11°38'08 | 3Υ 13 | 29°32 | 18°32 | 18°40 | 25°38 | 0°15 | 15°16 | 16 ₮ 40 | 29°49 | 22°16 | 22°44 | 22°14 | 27≈20 | F 2 |
| S 3 | 18 47 12 | 12°35'35 | 15°28 | 1 Ω 18 | 19°42 | 19°21 | 25°40 | 0°19 | 15°20 | 16°39 | 29°50 | 22°R16 | 22°41 | 22°20 | 27°18 | S 3 |
| S 4 | 18 51 8 | 13°33'03 | 28° 0 | 3° 1 | 20°52 | 20° 2 | 25°42 | 0°22 | 15°23 | 16°37 | 29°51 | 22°16 | 22°38 | 22°27 | 27°16 | S 4 |
| M 5 | 18 55 5 | 14°30'30 | 10 8 54 | 4°41 | 22° 2 | 20°43 | 25°45 | 0°26 | 15°26 | 16°36 | 29°51 | 22°15 | 22°35 | 22°34 | 27°14 | M 5 |
| T 6 | 18 59 1 | 15°27'56 | 24°12 | 6°19 | 23°12 | 21°23 | 25°47 | 0°29 | 15°29 | 16°35 | 29°52 | 22°14 | 22°32 | 22°40 | 27°12 | T 6 |
| W 7 | 19 2 58 | 16°25'22 | 7耳56 | 7°54 | 24°22 | 22° 4 | 25°50 | 0°33 | 15°32 | 16°33 | 29°53 | 22°14 | 22°28 | 22°47 | 27° 9 | W 7 |
| T 8 | 19 6 54 | 17°22'47 | 22° 5 | 9°27 | 25°32 | 22°44 | 25°53 | 0°36 | 15°35 | 16°32 | 29°54 | 22°13 | 22°25 | 22°54 | 27° 7 | T 8 |
| F 9 | 19 10 51 | 18°20'12 | 6936 | 10°57 | 26°41 | 23°25 | 25°56 | 0°40 | 15°38 | 16°31 | 29°55 | 22°13 | 22°22 | 23° 0 | 27° 5 | F 9 |
| S 10 | 19 14 48 | 19°17'37 | 21°23 | 12°24 | 27°51 | 24° 5 | 25°59 | 0°44 | 15°41 | 16°29 | 29°56 | 22°D13 | 22°19 | 23° 7 | 27° 3 | S 10 |
| S 11 | 19 18 44 | 20°15'00 | $6\Omega 20$ | 13°49 | 29° 0 | 24°46 | 26° 2 | 0°48 | 15°44 | 16°28 | 29°57 | 22°13 | 22°16 | 23°14 | 27° 0 | S 11 |
| M12 | 19 22 41 | 21°12'23 | 21°19 | 15°11 | 0 m p 10 | 25°26 | 26° 6 | 0°52 | 15°47 | 16°27 | 29°58 | 22°13 | 22°13 | 23°20 | 26°58 | M12 |
| T 13 | 19 26 37 | 22° 9'46 | 6Mp11 | 16°30 | 1°19 | 26° 7 | 26° 9 | 0°56 | 15°50 | 16°26 | 29°58 | 22°R13 | 22° 9 | 23°27 | 26°55 | T 13 |
| W14 | 19 30 34 | 23° 7'07 | 20°49 | 17°46 | 2°28 | 26°47 | 26°13 | 1° 1 | 15°53 | 16°24 | 29°59 | 22°13 | 22° 6 | 23°34 | 26°53 | W14 |
| T 15 | 19 34 30 | 24° 4'28 | 5 ₽ 10 | 19° 0 | 3°37 | 27°27 | 26°17 | 1° 5 | 15°56 | 16°23 | 0요 1 | 22°13 | 22° 3 | 23°40 | 26°50 | T 15 |
| F 16 | 19 38 27 | 25° 1'48 | 19° 9 | 20°10 | 4°46 | 28° 8 | 26°21 | 1° 9 | 15°59 | 16°22 | 0° 2 | 22°D13 | 22° 0 | 23°47 | 26°47 | F 16 |
| S 17 | 19 42 23 | 25°59'07 | 2 M .47 | 21°17 | 5°55 | 28°48 | 26°26 | 1°14 | 16° 2 | 16°21 | 0° 3 | 22°13 | 21°57 | 23°54 | 26°45 | S 17 |
| S 18 | 19 46 20 | 26°56'26 | 16° 4 | 22°22 | 7° 4 | 29°28 | 26°30 | 1°18 | 16° 5 | 16°20 | 0° 4 | 22°13 | 21°53 | 24° 0 | 26°42 | S 18 |
| M19 | 19 50 17 | 27°53'44 | 29° 2 | 23°23 | 8°12 | 0Ω 8 | 26°35 | 1°23 | 16° 7 | 16°18 | 0° 5 | 22°13 | 21°50 | 24° 7 | 26°39 | M19 |
| T 20 | 19 54 13 | 28°51'01 | 11 ~ 43 | 24°21 | 9°21 | 0°48 | 26°39 | 1°28 | 16°10 | 16°17 | 0° 6 | 22°14 | 21°47 | 24°14 | 26°36 | T 20 |
| W21 | 19 58 10 | 29°48'18 | 24°10 | 25°16 | 10°29 | 1°28 | 26°44 | 1°33 | 16°13 | 16°16 | 0° 7 | 22°15 | 21°44 | 24°20 | 26°34 | W21 |
| T 22 | 20 2 6 | 0 Ω 45'35 | 6 ප 25 | 26° 7 | 11°37 | 2° 8 | 26°50 | 1°37 | 16°16 | 16°15 | 0° 8 | 22°15 | 21°41 | 24°27 | 26°31 | T 22 |
| F 23 | 20 6 3 | 1°42'51 | 18°31 | 26°55 | 12°45 | 2°48 | 26°55 | 1°42 | 16°18 | 16°14 | 0°10 | 22°R16 | 21°38 | 24°34 | 26°28 | F 23 |
| S 24 | 20 9 59 | 2°40'07 | 0≈29 | 27°39 | 13°53 | 3°28 | 27° 0 | 1°47 | 16°21 | 16°13 | 0°11 | 22°15 | 21°34 | 24°40 | 26°25 | S 24 |
| S 25 | 20 13 56 | 3°37'23 | 12°22 | 28°19 | 15° 1 | 4° 8 | 27° 6 | 1°52 | 16°24 | 16°12 | 0°12 | 22°15 | 21°31 | 24°47 | 26°22 | S 25 |
| M26 | 20 17 52 | 4°34'38 | 24°13 | 28°56 | 16° 9 | 4°48 | 27°11 | 1°58 | 16°26 | 16°11 | 0°14 | 22°14 | 21°28 | 24°54 | 26°19 | M26 |
| T 27 | 20 21 49 | 5°31'54 | 6 米 2 | 29°28 | 17°17 | 5°28 | 27°17 | 2° 3 | 16°29 | 16°10 | 0°15 | 22°12 | 21°25 | 25° 0 | 26°16 | T 27 |
| W28 | 20 25 46 | 6°29'09 | 17°53 | 29°56 | 18°24 | 6° 8 | 27°23 | 2° 8 | 16°31 | 16° 9 | 0°16 | 22°10 | 21°22 | 25° 7 | 26°13 | W28 |
| T 29 | 20 29 42 | 7°26'25 | 29°48 | 0 Mp 20 | 19°31 | 6°48 | 27°29 | 2°13 | 16°34 | 16° 9 | 0°18 | 22° 8 | 21°19 | 25°14 | 26°10 | T 29 |
| F 30 | 20 33 39 | 8°23'41 | 11 Y 52 | 0°40 | 20°38 | 7°27 | 27°35 | 2°19 | 16°36 | 16° 8 | 0°19 | 22° 6 | 21°15 | 25°20 | 26° 7 | F 30 |
| S 31 | 20 37 35 | 9 Ω 20'57 | 24 Y 7 | 0 m 55 | 21 Mp 45 | 8 N 7 | 27 ≙ 42 | 2 ჲ 24 | 16耳39 | 16 才 7 | 0 ჲ 20 | 2295 4 | 219512 | 25≈27 | 26≈ 3 | S 31 |

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|------|----------|------------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|--------|--------|-------|--------|------|
| S 1 | 20 41 32 | 10Ω18'14 | 6 8 37 | 1 Mp 5 | 22 m 52 | 8 Ω 47 | 27 ≏ 48 | 2 ჲ 30 | 16 Ⅱ 41 | 16°R 6 | 0 ჲ 22 | 22°D 4 | 2195 9 | 25≈34 | 26°R 0 | S 1 |
| M 2 | 20 45 28 | 11°15'30 | 19°27 | 1°11 | 23°59 | 9°26 | 27°55 | 2°36 | 16°43 | 16 ₹ 5 | 0°23 | 2295 4 | 21° 6 | 25°40 | 25≈57 | M 2 |
| T 3 | 20 49 25 | 12°12'48 | 2Ⅲ39 | 1°R12 | 25° 5 | 10° 6 | 28° 2 | 2°41 | 16°46 | 16° 5 | 0°25 | 22° 5 | 21° 3 | 25°47 | 25°54 | T 3 |
| W 4 | 20 53 21 | 13°10'06 | 16°17 | 1° 9 | 26°12 | 10°46 | 28° 9 | 2°47 | 16°48 | 16° 4 | 0°26 | 22° 6 | 20°59 | 25°54 | 25°51 | W 4 |
| T 5 | 20 57 18 | 14° 7'24 | 09୍ଦ21 | 1° 0 | 27°18 | 11°25 | 28°16 | 2°53 | 16°50 | 16° 3 | 0°28 | 22° 7 | 20°56 | 26° 0 | 25°47 | T 5 |
| F 6 | 21 1 15 | 15° 4'42 | 14°51 | 0°47 | 28°24 | 12° 5 | 28°23 | 2°59 | 16°52 | 16° 2 | 0°30 | 22°R 8 | 20°53 | 26° 7 | 25°44 | F 6 |
| S 7 | 21 5 11 | 16° 2'01 | 29°42 | 0°29 | 29°30 | 12°44 | 28°30 | 3° 5 | 16°55 | 16° 2 | 0°31 | 22° 8 | 20°50 | 26°14 | 25°41 | S 7 |
| S 8 | 21 9 8 | 16°59'21 | 14 Ω 48 | 0° 7 | 0 ჲ 36 | 13°24 | 28°38 | 3°11 | 16°57 | 16° 1 | 0°33 | 22° 7 | 20°47 | 26°20 | 25°38 | S 8 |
| M 9 | 21 13 4 | 17°56'40 | 0 m) 1 | 29 Ω 41 | 1°41 | 14° 3 | 28°45 | 3°17 | 16°59 | 16° 1 | 0°34 | 22° 5 | 20°44 | 26°27 | 25°34 | M 9 |
| T 10 | 21 17 1 | 18°54'00 | 15°10 | 29°11 | 2°46 | 14°43 | 28°53 | 3°23 | 17° 1 | 16° 0 | 0°36 | 22° 1 | 20°40 | 26°34 | 25°31 | T 10 |
| W11 | 21 20 57 | 19°51'20 | 0 º 5 | 28°37 | 3°52 | 15°22 | 29° 1 | 3°29 | 17° 3 | 16° 0 | 0°38 | 21°58 | 20°37 | 26°40 | 25°28 | W11 |
| T 12 | 21 24 54 | 20°48'40 | 14°41 | 28° 0 | 4°56 | 16° 1 | 29° 9 | 3°35 | 17° 5 | 15°59 | 0°39 | 21°54 | 20°34 | 26°47 | 25°24 | T 12 |
| F 13 | 21 28 50 | 21°46'01 | 28°50 | 27°21 | 6° 1 | 16°41 | 29°17 | 3°41 | 17° 7 | 15°59 | 0°41 | 21°51 | 20°31 | 26°54 | 25°21 | F 13 |
| S 14 | 21 32 47 | 22°43'21 | 12 M 33 | 26°41 | 7° 6 | 17°20 | 29°25 | 3°48 | 17° 9 | 15°58 | 0°43 | 21°50 | 20°28 | 27° 0 | 25°18 | S 14 |
| S 15 | 21 36 44 | 23°40'42 | 25°49 | 25°59 | 8°10 | 17°59 | 29°33 | 3°54 | 17°10 | 15°58 | 0°44 | 21°D49 | 20°25 | 27° 7 | 25°14 | S 15 |
| M16 | 21 40 40 | 24°38'03 | 8 ∡ 742 | 25°16 | 9°14 | 18°38 | 29°41 | 4° 0 | 17°12 | 15°57 | 0°46 | 21°50 | 20°21 | 27°14 | 25°11 | M16 |
| T 17 | 21 44 37 | 25°35'24 | 21°14 | 24°34 | 10°18 | 19°18 | 29°50 | 4° 7 | 17°14 | 15°57 | 0°48 | 21°51 | 20°18 | 27°20 | 25° 8 | T 17 |
| W18 | 21 48 33 | 26°32'46 | 3 ਰ 31 | 23°53 | 11°22 | 19°57 | 29°59 | 4°13 | 17°16 | 15°57 | 0°50 | 21°53 | 20°15 | 27°27 | 25° 4 | W18 |
| T 19 | 21 52 30 | 27°30'08 | 15°36 | 23°13 | 12°25 | 20°36 | 0 M 7 | 4°20 | 17°17 | 15°57 | 0°51 | 21°54 | 20°12 | 27°34 | 25° 1 | T 19 |
| F 20 | 21 56 26 | 28°27'30 | 27°32 | 22°37 | 13°28 | 21°15 | 0°16 | 4°26 | 17°19 | 15°56 | 0°53 | 21°R54 | 20° 9 | 27°40 | 24°58 | F 20 |
| S 21 | 22 0 23 | 29°24'53 | 9 ≈ 23 | 22° 3 | 14°31 | 21°54 | 0°25 | 4°33 | 17°20 | 15°56 | 0°55 | 21°53 | 20° 5 | 27°47 | 24°54 | S 21 |
| S 22 | 22 4 19 | 0 Mp 22'17 | 21°13 | 21°34 | 15°34 | 22°33 | 0°34 | 4°40 | 17°22 | 15°56 | 0°57 | 21°49 | 20° 2 | 27°54 | 24°51 | S 22 |
| M23 | 22 8 16 | 1°19'41 | 3 ¥ 2 | 21° 8 | 16°36 | 23°12 | 0°43 | 4°46 | 17°24 | 15°56 | 0°59 | 21°44 | 19°59 | 28° 1 | 24°48 | M23 |
| T 24 | 22 12 13 | 2°17'06 | 14°54 | 20°48 | 17°38 | 23°51 | 0°52 | 4°53 | 17°25 | 15°56 | 1° 1 | 21°38 | 19°56 | 28° 7 | 24°45 | T 24 |
| W25 | 22 16 9 | 3°14'31 | 26°49 | 20°34 | 18°40 | 24°30 | 1° 2 | 5° 0 | 17°26 | 15°56 | 1° 3 | 21°30 | 19°53 | 28°14 | 24°41 | W25 |
| T 26 | 22 20 6 | 4°11'58 | 8 Ƴ 51 | 20°25 | 19°41 | 25° 9 | 1°11 | 5° 7 | 17°28 | 15°56 | 1° 4 | 21°22 | 19°50 | 28°21 | 24°38 | T 26 |
| F 27 | 22 24 2 | 5° 9'25 | 21° 0 | 20°D23 | 20°42 | 25°48 | 1°21 | 5°14 | 17°29 | 15°D56 | 1° 6 | 21°15 | 19°46 | 28°27 | 24°35 | F 27 |
| S 28 | 22 27 59 | 6° 6'54 | 3 8 19 | 20°27 | 21°43 | 26°27 | 1°30 | 5°21 | 17°30 | 15°56 | 1° 8 | 21° 9 | 19°43 | 28°34 | 24°31 | S 28 |
| S 29 | 22 31 55 | 7° 4'24 | 15°52 | 20°37 | 22°44 | 27° 6 | 1°40 | 5°28 | 17°31 | 15°56 | 1°10 | 21° 5 | 19°40 | 28°41 | 24°28 | S 29 |
| M30 | 22 35 52 | 8° 1'55 | 28°40 | 20°54 | 23°44 | 27°44 | 1°50 | 5°35 | 17°33 | 15°56 | 1°12 | 21° 3 | 19°37 | 28°47 | 24°25 | M30 |
| T 31 | 22 39 48 | 8 m 59'27 | 11 Ⅱ 47 | 21 Ω 18 | 24 ≏ 44 | $28\Omega 23$ | 2 m 0 | 5 ≏ 42 | 17 Ⅱ 34 | 15 ₹ 56 | 1 ≏ 14 | 21°D 3 | 19934 | 28≈54 | 24≈22 | T 31 |

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| Day | Sid.t | 0 | D | Ϋ́ | Q | ď | 4 | ħ |)∤(| 并 | Р | n | Ω | ţ | ę, | Day |
|------|----------|------------------|----------------|-----------------|----------------|-----------------|----------------|---------------|----------------|----------------|---------------|--------|--------|---------------|--------|------|
| W 1 | 22 43 45 | 9 m 57'00 | 25 Ⅱ 17 | 21 Ω 49 | 25 - 44 | 29 N 2 | 2 M .10 | 5 ≏ 49 | 17 Ⅲ 35 | 15 ₹ 56 | 1 ≏ 16 | 2195 3 | 19931 | 29≈ 1 | 24°R19 | W 1 |
| T 2 | 22 47 42 | 10°54'35 | 9 9 10 | 22°27 | 26°43 | 29°41 | 2°20 | 5°56 | 17°36 | 15°56 | 1°18 | 21° 4 | 19°27 | 29° 7 | 24≈16 | T 2 |
| F 3 | 22 51 38 | 11°52'11 | 23°29 | 23°11 | 27°42 | 0 Mp 20 | 2°30 | 6° 3 | 17°37 | 15°56 | 1°20 | 21°R 5 | 19°24 | 29°14 | 24°12 | F 3 |
| S 4 | 22 55 35 | 12°49'49 | 8 Ω 11 | 24° 2 | 28°40 | 0°58 | 2°40 | 6°10 | 17°38 | 15°57 | 1°22 | 21° 4 | 19°21 | 29°21 | 24° 9 | S 4 |
| S 5 | 22 59 31 | 13°47'27 | 23°12 | 24°59 | 29°38 | 1°37 | 2°51 | 6°17 | 17°39 | 15°57 | 1°24 | 21° 0 | 19°18 | 29°27 | 24° 6 | S 5 |
| M 6 | 23 3 28 | 14°45'07 | 8 m 23 | 26° 3 | 0 M .36 | 2°16 | 3° 1 | 6°24 | 17°39 | 15°57 | 1°26 | 20°55 | 19°15 | 29°34 | 24° 3 | M 6 |
| T 7 | 23 7 24 | 15°42'48 | 23°35 | 27°12 | 1°33 | 2°54 | 3°11 | 6°32 | 17°40 | 15°58 | 1°28 | 20°48 | 19°11 | 29°41 | 24° 0 | T 7 |
| W 8 | 23 11 21 | 16°40'30 | 8 ₾ 39 | 28°28 | 2°30 | 3°33 | 3°22 | 6°39 | 17°41 | 15°58 | 1°30 | 20°39 | 19°8 | 29°47 | 23°57 | W 8 |
| T 9 | 23 15 17 | 17°38'13 | 23°23 | 29°49 | 3°26 | 4°11 | 3°33 | 6°46 | 17°42 | 15°58 | 1°32 | 20°31 | 19° 5 | 29°54 | 23°54 | T 9 |
| F 10 | 23 19 14 | 18°35'57 | 7 M 42 | 1 m p 15 | 4°22 | 4°50 | 3°43 | 6°54 | 17°42 | 15°59 | 1°34 | 20°24 | 19° 2 | 0 ∺ 1 | 23°51 | F 10 |
| S 11 | 23 23 10 | 19°33'43 | 21°31 | 2°47 | 5°18 | 5°29 | 3°54 | 7° 1 | 17°43 | 15°59 | 1°36 | 20°18 | 18°59 | 0° 7 | 23°49 | S 11 |
| S 12 | 23 27 7 | 20°31'29 | 4 ₹ 52 | 4°22 | 6°13 | 6° 7 | 4° 5 | 7° 8 | 17°43 | 16° 0 | 1°38 | 20°15 | 18°56 | 0°14 | 23°46 | S 12 |
| M13 | 23 31 4 | 21°29'16 | 17°46 | 6° 2 | 7° 7 | 6°46 | 4°16 | 7°16 | 17°44 | 16° 0 | 1°40 | 20°D14 | 18°52 | 0°21 | 23°43 | M13 |
| T 14 | 23 35 0 | 22°27'04 | 0 궁 17 | 7°46 | 8° 1 | 7°24 | 4°27 | 7°23 | 17°44 | 16° 1 | 1°42 | 20°14 | 18°49 | 0°27 | 23°40 | T 14 |
| W15 | 23 38 57 | 23°24'54 | 12°30 | 9°32 | 8°54 | 8° 2 | 4°38 | 7°30 | 17°45 | 16° 2 | 1°44 | 20°15 | 18°46 | 0°34 | 23°37 | W15 |
| T 16 | 23 42 53 | 24°22'44 | 24°30 | 11°22 | 9°47 | 8°41 | 4°49 | 7°38 | 17°45 | 16° 2 | 1°46 | 20°R15 | 18°43 | 0°41 | 23°35 | T 16 |
| F 17 | 23 46 50 | 25°20'36 | 6≈22 | 13°14 | 10°39 | 9°19 | 5° 1 | 7°45 | 17°45 | 16° 3 | 1°49 | 20°13 | 18°40 | 0°47 | 23°32 | F 17 |
| S 18 | 23 50 46 | 26°18'28 | 18°11 | 15° 8 | 11°31 | 9°58 | 5°12 | 7°53 | 17°45 | 16° 4 | 1°51 | 20°10 | 18°36 | 0°54 | 23°30 | S 18 |
| S 19 | 23 54 43 | 27°16'22 | 29°59 | 17° 3 | 12°22 | 10°36 | 5°23 | 8° 0 | 17°46 | 16° 4 | 1°53 | 20° 4 | 18°33 | 1° 1 | 23°27 | S 19 |
| M20 | 23 58 39 | 28°14'18 | 11 米 52 | 19° 0 | 13°12 | 11°14 | 5°35 | 8° 8 | 17°46 | 16° 5 | 1°55 | 19°55 | 18°30 | 1° 7 | 23°24 | M20 |
| T 21 | 0 2 36 | 29°12'14 | 23°49 | 20°57 | 14° 1 | 11°53 | 5°46 | 8°15 | 17°46 | 16° 6 | 1°57 | 19°44 | 18°27 | 1°14 | 23°22 | T 21 |
| W22 | 0 633 | 0 ₽ 10'12 | 5 Ƴ 53 | 22°55 | 14°50 | 12°31 | 5°58 | 8°23 | 17°R46 | 16° 7 | 1°59 | 19°32 | 18°24 | 1°21 | 23°20 | W22 |
| T 23 | 0 10 29 | 1° 8'12 | 18° 5 | 24°53 | 15°38 | 13° 9 | 6° 9 | 8°30 | 17°46 | 16° 7 | 2° 1 | 19°19 | 18°21 | 1°27 | 23°17 | T 23 |
| F 24 | 0 14 26 | 2° 6'13 | 0 8 25 | 26°51 | 16°26 | 13°47 | 6°21 | 8°38 | 17°46 | 16° 8 | 2° 3 | 19° 7 | 18°17 | 1°34 | 23°15 | F 24 |
| S 25 | 0 18 22 | 3° 4'16 | 12°56 | 28°48 | 17°12 | 14°26 | 6°33 | 8°45 | 17°46 | 16° 9 | 2° 5 | 18°57 | 18°14 | 1°41 | 23°13 | S 25 |
| S 26 | 0 22 19 | 4° 2'20 | 25°37 | 0 ჲ 45 | 17°58 | 15° 4 | 6°45 | 8°53 | 17°45 | 16°10 | 2° 7 | 18°49 | 18°11 | 1°48 | 23°10 | S 26 |
| M27 | 0 26 15 | 5° 0'27 | 8 Ⅲ 31 | 2°42 | 18°42 | 15°42 | 6°56 | 9° 1 | 17°45 | 16°11 | 2° 9 | 18°44 | 18° 8 | 1°54 | 23° 8 | M27 |
| T 28 | 0 30 12 | 5°58'35 | 21°40 | 4°38 | 19°26 | 16°20 | 7° 8 | 9° 8 | 17°45 | 16°12 | 2°12 | 18°41 | 18° 5 | 2° 1 | 23° 6 | T 28 |
| W29 | 0 34 8 | 6°56'46 | 595 6 | 6°33 | 20° 9 | 16°58 | 7°20 | 9°16 | 17°45 | 16°13 | 2°14 | 18°D41 | 18° 2 | 2° 8 | 23° 4 | W29 |
| T 30 | 0 38 5 | 7 ≏ 54'58 | 18951 | 8 ≏ 27 | 20 M 51 | 17 M)36 | 7 ™ 32 | 9 ჲ 23 | 17 Ⅱ 44 | 16 ₹ 14 | 2 ჲ 16 | 18°R41 | 179558 | 2) 14 | 23≈ 2 | T 30 |

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|------|---------|------------------|----------------|----------------|---------------------------|-----------------|----------------|----------------|----------------|----------------|---------------|--------|--------|----------------|--------|------|
| F 1 | 0 42 2 | 8 ₾ 53'12 | 2 Ω 57 | 10₽20 | 21 M 32 | 18 M)14 | 7 M .44 | 9 ॒ 31 | 17°R44 | 16 × 15 | 2 ჲ 18 | 18°R40 | 179555 | 2) (21 | 23°R 0 | F 1 |
| S 2 | 0 45 58 | 9°51'29 | 17°23 | 12°12 | 22°12 | 18°53 | 7°56 | 9°38 | 17 Ⅱ 43 | 16°16 | 2°20 | 18938 | 17°52 | 2°28 | 22≈58 | S 2 |
| S 3 | 0 49 55 | 10°49'47 | 2Mp 6 | 14° 3 | 22°51 | 19°31 | 8° 8 | 9°46 | 17°43 | 16°18 | 2°22 | 18°33 | 17°49 | 2°34 | 22°57 | S 3 |
| M 4 | 0 53 51 | 11°48'07 | 17° 2 | 15°52 | 23°29 | 20° 9 | 8°21 | 9°54 | 17°42 | 16°19 | 2°24 | 18°26 | 17°46 | 2°41 | 22°55 | M 4 |
| T 5 | 0 57 48 | 12°46'28 | 2 º 2 | 17°41 | 24° 5 | 20°47 | 8°33 | 10° 1 | 17°42 | 16°20 | 2°26 | 18°16 | 17°42 | 2°48 | 22°53 | T 5 |
| W 6 | 1 1 44 | 13°44'52 | 16°57 | 19°29 | 24°41 | 21°25 | 8°45 | 10° 9 | 17°41 | 16°21 | 2°28 | 18° 5 | 17°39 | 2°54 | 22°51 | W 6 |
| T 7 | 1 5 41 | 14°43'17 | 1 M .38 | 21°16 | 25°15 | 22° 3 | 8°57 | 10°16 | 17°40 | 16°22 | 2°30 | 17°53 | 17°36 | 3° 1 | 22°50 | T 7 |
| F 8 | 1 9 37 | 15°41'44 | 15°56 | 23° 1 | 25°48 | 22°41 | 9°10 | 10°24 | 17°39 | 16°24 | 2°32 | 17°43 | 17°33 | 3° 8 | 22°48 | F 8 |
| S 9 | 1 13 34 | 16°40'13 | 29°49 | 24°45 | 26°19 | 23°18 | 9°22 | 10°31 | 17°39 | 16°25 | 2°34 | 17°35 | 17°30 | 3°14 | 22°47 | S 9 |
| S 10 | 1 17 30 | 17°38'43 | 13 × 13 | 26°29 | 26°49 | 23°56 | 9°35 | 10°39 | 17°38 | 16°26 | 2°36 | 17°29 | 17°27 | 3°21 | 22°45 | S 10 |
| M11 | 1 21 27 | 18°37'15 | 26° 9 | 28°11 | 27°17 | 24°34 | 9°47 | 10°46 | 17°37 | 16°28 | 2°38 | 17°26 | 17°23 | 3°28 | 22°44 | M11 |
| T 12 | 1 25 24 | 19°35'49 | 8 국 43 | 29°52 | 27°44 | 25°12 | 10° 0 | 10°54 | 17°36 | 16°29 | 2°40 | 17°25 | 17°20 | 3°34 | 22°43 | T 12 |
| W13 | 1 29 20 | 20°34'24 | 20°57 | 1 M .33 | 28°10 | 25°50 | 10°12 | 11° 1 | 17°35 | 16°31 | 2°42 | 17°25 | 17°17 | 3°41 | 22°42 | W13 |
| T 14 | 1 33 17 | 21°33'01 | 2 ≈ 57 | 3°12 | 28°33 | 26°28 | 10°25 | 11° 9 | 17°34 | 16°32 | 2°44 | 17°25 | 17°14 | 3°48 | 22°40 | T 14 |
| F 15 | 1 37 13 | 22°31'39 | 14°50 | 4°50 | 28°55 | 27° 6 | 10°37 | 11°16 | 17°33 | 16°34 | 2°46 | 17°23 | 17°11 | 3°55 | 22°39 | F 15 |
| S 16 | 1 41 10 | 23°30'19 | 26°39 | 6°27 | 29°15 | 27°43 | 10°50 | 11°24 | 17°32 | 16°35 | 2°48 | 17°20 | 17° 8 | 4° 1 | 22°38 | S 16 |
| S 17 | 1 45 6 | 24°29'00 | 8 ∺ 29 | 8° 4 | 29°33 | 28°21 | 11° 3 | 11°31 | 17°30 | 16°37 | 2°50 | 17°13 | 17° 4 | 4° 8 | 22°37 | S 17 |
| M18 | 1 49 3 | 25°27'43 | 20°25 | 9°39 | 29°50 | 28°59 | 11°15 | 11°39 | 17°29 | 16°38 | 2°52 | 17° 4 | 17° 1 | 4°15 | 22°37 | M18 |
| T 19 | 1 52 59 | 26°26'28 | 2 Υ 29 | 11°14 | 0 ,₹ 4 | 29°37 | 11°28 | 11°46 | 17°28 | 16°40 | 2°54 | 16°53 | 16°58 | 4°21 | 22°36 | T 19 |
| W20 | 1 56 56 | 27°25'14 | 14°43 | 12°47 | 0°16 | 0 ჲ 14 | 11°41 | 11°54 | 17°27 | 16°41 | 2°56 | 16°40 | 16°55 | 4°28 | 22°35 | W20 |
| T 21 | 2 0 53 | 28°24'03 | 27° 8 | 14°20 | 0°26 | 0°52 | 11°53 | 12° 1 | 17°25 | 16°43 | 2°58 | 16°26 | 16°52 | 4°35 | 22°34 | T 21 |
| F 22 | 2 4 49 | 29°22'53 | 9 8 44 | 15°52 | 0°34 | 1°30 | 12° 6 | 12° 8 | 17°24 | 16°45 | 3° 0 | 16°13 | 16°48 | 4°41 | 22°34 | F 22 |
| S 23 | 2 8 46 | 0M21'46 | 22°32 | 17°23 | 0°40 | 2° 7 | 12°19 | 12°16 | 17°22 | 16°46 | 3° 2 | 16° 3 | 16°45 | 4°48 | 22°33 | S 23 |
| S 24 | 2 12 42 | 1°20'40 | 5 Ⅲ 31 | 18°53 | 0°44 | 2°45 | 12°32 | 12°23 | 17°21 | 16°48 | 3° 4 | 15°54 | 16°42 | 4°55 | 22°33 | S 24 |
| M25 | 2 16 39 | 2°19'37 | 18°41 | 20°22 | 0°R45 | 3°23 | 12°45 | 12°30 | 17°19 | 16°50 | 3° 6 | 15°49 | 16°39 | 5° 1 | 22°32 | M25 |
| T 26 | 2 20 35 | 3°18'36 | 299 2 | 21°50 | 0°44 | 4° 0 | 12°58 | 12°38 | 17°18 | 16°51 | 3° 8 | 15°46 | 16°36 | 5° 8 | 22°32 | T 26 |
| W27 | 2 24 32 | 4°17'37 | 15°35 | 23°17 | 0°40 | 4°38 | 13°10 | 12°45 | 17°16 | 16°53 | 3°10 | 15°D46 | 16°33 | 5°15 | 22°32 | W27 |
| T 28 | 2 28 28 | 5°16'40 | 29°20 | 24°44 | 0°34 | 5°15 | 13°23 | 12°52 | 17°15 | 16°55 | 3°11 | 15°R46 | 16°29 | 5°21 | 22°31 | T 28 |
| F 29 | 2 32 25 | 6°15'45 | 13 Ω 19 | 26° 9 | 0°26 | 5°53 | 13°36 | 12°59 | 17°13 | 16°57 | 3°13 | 15°46 | 16°26 | 5°28 | 22°31 | F 29 |
| S 30 | 2 36 22 | 7°14'53 | 27°31 | 27°34 | 0°15 | 6°31 | 13°49 | 13° 6 | 17°11 | 16°58 | 3°15 | 15°44 | 16°23 | 5°35 | 22°D31 | S 30 |
| S 31 | 2 40 18 | 8ML14'03 | 11 m 55 | 28 M 58 | 0 x ⁷ 2 | 7 亞 8 | 14 M 2 | 13 ≏ 14 | 17 I 9 | 17 ×7 0 | 3 ≙ 17 | 159340 | 16920 | 5) €42 | 22≈31 | S 31 |

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| Day | Sid.t | 0 | D | ğ | Q | ♂ | 4 | ħ |)∤(| 并 | Р | 'n | v | ţ | ę, | Day |
|------|---------|-------------------|----------------|----------------|----------------|----------------|--------|----------------|-----------------|-----------------|---------------|--------|--------|----------------|-------|------|
| M 1 | 2 44 15 | 9 M _13'15 | 26 m 28 | 0 ∡ 120 | 29°R47 | 7 ≏ 46 | 14ML15 | 13 ≏ 21 | 17°R 8 | 17 . ₹ 2 | 3 ₽ 19 | 15°R34 | 169517 | 5) (48 | 22≈31 | M 1 |
| T 2 | 2 48 11 | 10°12'29 | 11 ♀ 4 | 1°42 | 29M29 | 8°23 | 14°28 | 13°28 | 17 I I 6 | 17° 4 | 3°20 | 159525 | 16°13 | 5°55 | 22°31 | T 2 |
| W 3 | 2 52 8 | 11°11'46 | 25°36 | 3° 3 | 29° 9 | 9° 1 | 14°41 | 13°35 | 17° 4 | 17° 6 | 3°22 | 15°15 | 16°10 | 6° 2 | 22°32 | W 3 |
| T 4 | 2 56 4 | 12°11'04 | 9 M 59 | 4°22 | 28°47 | 9°38 | 14°54 | 13°42 | 17° 2 | 17° 8 | 3°24 | 15° 5 | 16° 7 | 6° 8 | 22°32 | T 4 |
| F 5 | 3 0 1 | 13°10'25 | 24° 4 | 5°40 | 28°23 | 10°15 | 15° 7 | 13°49 | 17° 0 | 17°10 | 3°26 | 14°56 | 16° 4 | 6°15 | 22°32 | F 5 |
| S 6 | 3 3 57 | 14° 9'47 | 7 .₹ 48 | 6°58 | 27°56 | 10°53 | 15°20 | 13°56 | 16°58 | 17°12 | 3°27 | 14°48 | 16° 1 | 6°22 | 22°33 | S 6 |
| S 7 | 3 7 54 | 15° 9'12 | 21° 9 | 8°13 | 27°28 | 11°30 | 15°33 | 14° 2 | 16°56 | 17°14 | 3°29 | 14°43 | 15°58 | 6°28 | 22°33 | S 7 |
| M 8 | 3 11 51 | 16° 8'38 | 4 궁 5 | 9°27 | 26°58 | 12° 8 | 15°46 | 14° 9 | 16°54 | 17°16 | 3°31 | 14°41 | 15°54 | 6°35 | 22°34 | M 8 |
| T 9 | 3 15 47 | 17° 8'06 | 16°39 | 10°40 | 26°27 | 12°45 | 15°59 | 14°16 | 16°52 | 17°18 | 3°32 | 14°D40 | 15°51 | 6°42 | 22°34 | T 9 |
| W10 | 3 19 44 | 18° 7'35 | 28°55 | 11°51 | 25°54 | 13°22 | 16°12 | 14°23 | 16°50 | 17°20 | 3°34 | 14°41 | 15°48 | 6°48 | 22°35 | W10 |
| T 11 | 3 23 40 | 19° 7'07 | 10≈58 | 13° 0 | 25°20 | 14° 0 | 16°25 | 14°30 | 16°48 | 17°22 | 3°35 | 14°42 | 15°45 | 6°55 | 22°36 | T 11 |
| F 12 | 3 27 37 | 20° 6'40 | 22°51 | 14° 8 | 24°45 | 14°37 | 16°38 | 14°36 | 16°46 | 17°24 | 3°37 | 14°R42 | 15°42 | 7° 2 | 22°37 | F 12 |
| S 13 | 3 31 33 | 21° 6'14 | 4) €42 | 15°13 | 24° 9 | 15°14 | 16°51 | 14°43 | 16°44 | 17°26 | 3°39 | 14°41 | 15°39 | 7° 9 | 22°38 | S 13 |
| S 14 | 3 35 30 | 22° 5'50 | 16°34 | 16°15 | 23°32 | 15°51 | 17° 4 | 14°49 | 16°42 | 17°28 | 3°40 | 14°37 | 15°35 | 7°15 | 22°39 | S 14 |
| M15 | 3 39 26 | 23° 5'28 | 28°32 | 17°15 | 22°55 | 16°29 | 17°17 | 14°56 | 16°39 | 17°30 | 3°42 | 14°32 | 15°32 | 7°22 | 22°40 | M15 |
| T 16 | 3 43 23 | 24° 5'08 | 10 Υ 41 | 18°12 | 22°19 | 17° 6 | 17°30 | 15° 2 | 16°37 | 17°32 | 3°43 | 14°25 | 15°29 | 7°29 | 22°41 | T 16 |
| W17 | 3 47 19 | 25° 4'49 | 23° 3 | 19° 6 | 21°42 | 17°43 | 17°43 | 15° 9 | 16°35 | 17°34 | 3°44 | 14°16 | 15°26 | 7°35 | 22°42 | W17 |
| T 18 | 3 51 16 | 26° 4'32 | 5 8 40 | 19°56 | 21° 6 | 18°20 | 17°56 | 15°15 | 16°33 | 17°36 | 3°46 | 14° 7 | 15°23 | 7°42 | 22°43 | T 18 |
| F 19 | 3 55 13 | 27° 4'17 | 18°33 | 20°42 | 20°30 | 18°57 | 18° 9 | 15°21 | 16°30 | 17°38 | 3°47 | 13°58 | 15°19 | 7°49 | 22°45 | F 19 |
| S 20 | 3 59 9 | 28° 4'04 | 1 Ⅱ 41 | 21°24 | 19°56 | 19°34 | 18°21 | 15°28 | 16°28 | 17°40 | 3°49 | 13°51 | 15°16 | 7°55 | 22°46 | S 20 |
| S 21 | 4 3 6 | 29° 3'52 | 15° 3 | 22° 1 | 19°23 | 20°11 | 18°34 | 15°34 | 16°26 | 17°43 | 3°50 | 13°46 | 15°13 | 8° 2 | 22°47 | S 21 |
| M22 | 4 7 2 | 0 ∡ 3'43 | 28°36 | 22°33 | 18°51 | 20°48 | 18°47 | 15°40 | 16°23 | 17°45 | 3°51 | 13°43 | 15°10 | 8° 9 | 22°49 | M22 |
| T 23 | 4 10 59 | 1° 3'36 | 129520 | 22°58 | 18°21 | 21°25 | 19° 0 | 15°46 | 16°21 | 17°47 | 3°53 | 13°D42 | 15° 7 | 8°15 | 22°51 | T 23 |
| W24 | 4 14 55 | 2° 3'31 | 26°12 | 23°17 | 17°52 | 22° 3 | 19°13 | 15°52 | 16°19 | 17°49 | 3°54 | 13°42 | 15° 4 | 8°22 | 22°52 | W24 |
| T 25 | 4 18 52 | 3° 3'27 | 10 Ω 11 | 23°28 | 17°25 | 22°40 | 19°26 | 15°58 | 16°16 | 17°51 | 3°55 | 13°43 | 15° 0 | 8°29 | 22°54 | T 25 |
| F 26 | 4 22 49 | 4° 3'26 | 24°15 | 23°R32 | 17° 1 | 23°17 | 19°39 | 16° 4 | 16°14 | 17°53 | 3°57 | 13°45 | 14°57 | 8°36 | 22°56 | F 26 |
| S 27 | 4 26 45 | 5° 3'27 | 8Mp24 | 23°27 | 16°38 | 23°54 | 19°51 | 16°10 | 16°11 | 17°56 | 3°58 | 13°R45 | 14°54 | 8°42 | 22°58 | S 27 |
| S 28 | 4 30 42 | 6° 3'30 | 22°35 | 23°13 | 16°18 | 24°30 | 20° 4 | 16°16 | 16° 9 | 17°58 | 3°59 | 13°44 | 14°51 | 8°49 | 22°59 | S 28 |
| M29 | 4 34 38 | 7° 3'35 | 6 ≏ 47 | 22°50 | 16° 0 | 25° 7 | 20°17 | 16°22 | 16° 6 | 18° 0 | 4° 0 | 13°41 | 14°48 | 8°56 | 23° 1 | M29 |
| T 30 | 4 38 35 | 8 . ₹ 3'42 | 20 ≏ 56 | 22 才 17 | 15 M 45 | 25 ≏ 44 | 20MJ30 | 16 ≏ 27 | 16 I I 4 | 18 × 2 | 4 Ω 1 | 13937 | 149945 | 9 米 2 | 23≈ 4 | T 30 |

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|------|---------|------------------|----------------------|-----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|---------------|--------|--------|----------------|-------|------|
| W 1 | 4 42 31 | 9 ∡ 3'51 | 5 M 1 | 21°R34 | 15°R32 | 26 ₽ 21 | 20 M 42 | 16 ₽ 33 | 16°R 1 | 18 ∡ 5 | 4 ♀ 2 | 13°R31 | 149541 | 9) 9 | 23≈ 6 | W 1 |
| T 2 | 4 46 28 | 10° 4'02 | 18°55 | 20 ∡ 141 | 15 M 22 | 26°58 | 20°55 | 16°38 | 15 Ⅱ 59 | 18° 7 | 4° 3 | 139526 | 14°38 | 9°16 | 23° 8 | T 2 |
| F 3 | 4 50 24 | 11° 4'15 | 2 , 737 | 19°40 | 15°14 | 27°35 | 21° 8 | 16°44 | 15°56 | 18° 9 | 4° 4 | 13°21 | 14°35 | 9°22 | 23°10 | F 3 |
| S 4 | 4 54 21 | 12° 4'30 | 16° 2 | 18°30 | 15° 8 | 28°12 | 21°20 | 16°49 | 15°54 | 18°11 | 4° 6 | 13°17 | 14°32 | 9°29 | 23°12 | S 4 |
| S 5 | 4 58 18 | 13° 4'46 | 29° 9 | 17°15 | 15° 5 | 28°49 | 21°33 | 16°54 | 15°52 | 18°13 | 4° 7 | 13°14 | 14°29 | 9°36 | 23°15 | S 5 |
| M 6 | 5 2 14 | 14° 5'04 | 11 る 57 | 15°56 | 15°D 4 | 29°25 | 21°45 | 17° 0 | 15°49 | 18°16 | 4° 7 | 13°D13 | 14°25 | 9°43 | 23°17 | M 6 |
| T 7 | 5 6 11 | 15° 5'23 | 24°28 | 14°36 | 15° 6 | 0 ™ 2 | 21°58 | 17° 5 | 15°47 | 18°18 | 4° 8 | 13°14 | 14°22 | 9°49 | 23°20 | T 7 |
| W 8 | 5 10 7 | 16° 5'44 | 6≈43 | 13°16 | 15°10 | 0°39 | 22°10 | 17°10 | 15°44 | 18°20 | 4° 9 | 13°15 | 14°19 | 9°56 | 23°22 | W 8 |
| T 9 | 5 14 4 | 17° 6'06 | 18°45 | 12° 1 | 15°17 | 1°15 | 22°23 | 17°15 | 15°42 | 18°22 | 4°10 | 13°17 | 14°16 | 10° 3 | 23°25 | T 9 |
| F 10 | 5 18 0 | 18° 6'30 | 0) 40 | 10°51 | 15°25 | 1°52 | 22°35 | 17°20 | 15°39 | 18°25 | 4°11 | 13°19 | 14°13 | 10° 9 | 23°27 | F 10 |
| S 11 | 5 21 57 | 19° 6'54 | 12°31 | 9°50 | 15°36 | 2°29 | 22°47 | 17°25 | 15°37 | 18°27 | 4°12 | 13°20 | 14°10 | 10°16 | 23°30 | S 11 |
| S 12 | 5 25 53 | 20° 7'20 | 24°23 | 8°58 | 15°49 | 3° 5 | 22°59 | 17°30 | 15°34 | 18°29 | 4°13 | 13°R20 | 14° 6 | 10°23 | 23°33 | S 12 |
| M13 | 5 29 50 | 21° 7'48 | 6 Υ 22 | 8°18 | 16° 5 | 3°42 | 23°12 | 17°34 | 15°32 | 18°31 | 4°13 | 13°19 | 14° 3 | 10°29 | 23°36 | M13 |
| T 14 | 5 33 47 | 22° 8'16 | 18°31 | 7°49 | 16°22 | 4°19 | 23°24 | 17°39 | 15°29 | 18°34 | 4°14 | 13°17 | 14° 0 | 10°36 | 23°39 | T 14 |
| W15 | 5 37 43 | 23° 8'46 | 0 8 56 | 7°32 | 16°41 | 4°55 | 23°36 | 17°43 | 15°27 | 18°36 | 4°15 | 13°14 | 13°57 | 10°43 | 23°41 | W15 |
| T 16 | 5 41 40 | 24° 9'16 | 13°38 | 7°D26 | 17° 2 | 5°32 | 23°48 | 17°48 | 15°24 | 18°38 | 4°15 | 13°11 | 13°54 | 10°50 | 23°44 | T 16 |
| F 17 | 5 45 36 | 25° 9'48 | 26°41 | 7°31 | 17°25 | 6° 8 | 24° 0 | 17°52 | 15°22 | 18°40 | 4°16 | 13° 8 | 13°51 | 10°56 | 23°48 | F 17 |
| S 18 | 5 49 33 | 26°10'22 | 10 I I 4 | 7°46 | 17°50 | 6°44 | 24°12 | 17°57 | 15°19 | 18°43 | 4°17 | 13° 6 | 13°47 | 11° 3 | 23°51 | S 18 |
| S 19 | 5 53 29 | 27°10'57 | 23°46 | 8°11 | 18°17 | 7°21 | 24°24 | 18° 1 | 15°17 | 18°45 | 4°17 | 13° 5 | 13°44 | 11°10 | 23°54 | S 19 |
| M20 | 5 57 26 | 28°11'33 | <i>7</i> 9 45 | 8°44 | 18°45 | 7°57 | 24°36 | 18° 5 | 15°14 | 18°47 | 4°18 | 13°D 4 | 13°41 | 11°16 | 23°57 | M20 |
| T 21 | 6 1 22 | 29°12'10 | 21°57 | 9°25 | 19°15 | 8°34 | 24°48 | 18° 9 | 15°12 | 18°49 | 4°18 | 13° 4 | 13°38 | 11°23 | 24° 0 | T 21 |
| W22 | 6 5 19 | 0 る 12'49 | 6 Ω 18 | 10°13 | 19°47 | 9°10 | 25° 0 | 18°13 | 15°10 | 18°52 | 4°19 | 13° 5 | 13°35 | 11°30 | 24° 4 | W22 |
| T 23 | 6 9 16 | 1°13'29 | 20°42 | 11° 6 | 20°20 | 9°46 | 25°11 | 18°17 | 15° 7 | 18°54 | 4°19 | 13° 6 | 13°31 | 11°36 | 24° 7 | T 23 |
| F 24 | 6 13 12 | 2°14'11 | 5 m 5 | 12° 5 | 20°54 | 10°23 | 25°23 | 18°20 | 15° 5 | 18°56 | 4°20 | 13° 7 | 13°28 | 11°43 | 24°10 | F 24 |
| S 25 | 6 17 9 | 3°14'54 | 19°24 | 13° 8 | 21°30 | 10°59 | 25°34 | 18°24 | 15° 3 | 18°58 | 4°20 | 13° 7 | 13°25 | 11°50 | 24°14 | S 25 |
| S 26 | 6 21 5 | 4°15'38 | 3 ₾ 36 | 14°15 | 22° 8 | 11°35 | 25°46 | 18°28 | 15° 0 | 19° 0 | 4°20 | 13°R 7 | 13°22 | 11°57 | 24°17 | S 26 |
| M27 | 6 25 2 | 5°16'24 | 17°38 | 15°25 | 22°46 | 12°11 | 25°57 | 18°31 | 14°58 | 19° 3 | 4°21 | 13° 7 | 13°19 | 12° 3 | 24°21 | M27 |
| T 28 | 6 28 58 | 6°17'11 | 1 M 29 | 16°39 | 23°26 | 12°47 | 26° 9 | 18°35 | 14°56 | 19° 5 | 4°21 | 13° 7 | 13°16 | 12°10 | 24°24 | T 28 |
| W29 | 6 32 55 | 7°18'00 | 15° 9 | 17°55 | 24° 7 | 13°24 | 26°20 | 18°38 | 14°53 | 19° 7 | 4°21 | 13° 6 | 13°12 | 12°17 | 24°28 | W29 |
| T 30 | 6 36 52 | 8°18'50 | 28°36 | 19°13 | 24°49 | 14° 0 | 26°31 | 18°41 | 14°51 | 19° 9 | 4°21 | 13° 5 | 13° 9 | 12°23 | 24°32 | T 30 |
| F 31 | 6 40 48 | 9 ට 19'41 | 11 × 750 | 20 ∡ 33 | 25 M 33 | 14 M .36 | 26ML42 | 18 ≏ 44 | 14 Ⅱ 49 | 19 .7 11 | 4 ≏ 22 | 1399 5 | 1395 6 | 12 米 30 | 24≈35 | F 31 |

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|------|---------|-------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|--------|--------|----------------|-------|------|
| S 1 | 6 44 45 | 10 ට 20'34 | 24 ×7 50 | 21 × 755 | 26 M 17 | 15 M 12 | 26M54 | 18 ≏ 47 | 14°R47 | 19 × 13 | 4 ≏ 22 | 13°R 5 | 1399 3 | 12) 37 | 24≈39 | S 1 |
| S 2 | 6 48 41 | 11°21'27 | 7 云 37 | 23°18 | 27° 2 | 15°48 | 27° 5 | 18°50 | 14 Ⅱ 45 | 19°16 | 4°22 | 13°D 4 | 13° 0 | 12°43 | 24°43 | S 2 |
| M 3 | 6 52 38 | 12°22'22 | 20°11 | 24°42 | 27°49 | 16°24 | 27°16 | 18°53 | 14°42 | 19°18 | 4°22 | 1395 4 | 12°57 | 12°50 | 24°47 | M 3 |
| T 4 | 6 56 34 | 13°23'17 | 2≈32 | 26° 7 | 28°36 | 17° 0 | 27°26 | 18°55 | 14°40 | 19°20 | 4°22 | 13°R 4 | 12°53 | 12°57 | 24°51 | T 4 |
| W 5 | 7 0 31 | 14°24'13 | 14°41 | 27°34 | 29°24 | 17°35 | 27°37 | 18°58 | 14°38 | 19°22 | 4°R22 | 13° 4 | 12°50 | 13° 4 | 24°55 | W 5 |
| T 6 | 7 4 27 | 15°25'09 | 26°42 | 29° 1 | 0 , 713 | 18°11 | 27°48 | 19° 1 | 14°36 | 19°24 | 4°22 | 13° 4 | 12°47 | 13°10 | 24°59 | T 6 |
| F 7 | 7 8 24 | 16°26'07 | 8 ∺ 35 | 0 궁 28 | 1° 3 | 18°47 | 27°58 | 19° 3 | 14°34 | 19°26 | 4°22 | 13° 4 | 12°44 | 13°17 | 25° 3 | F 7 |
| S 8 | 7 12 21 | 17°27'04 | 20°26 | 1°57 | 1°54 | 19°23 | 28° 9 | 19° 5 | 14°32 | 19°28 | 4°22 | 13° 3 | 12°41 | 13°24 | 25° 7 | S 8 |
| S 9 | 7 16 17 | 18°28'02 | 2 Υ 18 | 3°25 | 2°45 | 19°59 | 28°19 | 19° 7 | 14°30 | 19°30 | 4°22 | 13° 3 | 12°37 | 13°30 | 25°11 | S 9 |
| M10 | 7 20 14 | 19°29'01 | 14°14 | 4°55 | 3°38 | 20°34 | 28°30 | 19° 9 | 14°28 | 19°32 | 4°22 | 13°D 3 | 12°34 | 13°37 | 25°15 | M10 |
| T 11 | 7 24 10 | 20°30'00 | 26°21 | 6°24 | 4°30 | 21°10 | 28°40 | 19°11 | 14°26 | 19°34 | 4°22 | 13° 3 | 12°31 | 13°44 | 25°19 | T 11 |
| W12 | 7 28 7 | 21°30'59 | 8 8 42 | 7°54 | 5°24 | 21°45 | 28°50 | 19°13 | 14°25 | 19°36 | 4°21 | 13° 3 | 12°28 | 13°50 | 25°23 | W12 |
| T 13 | 7 32 3 | 22°31'59 | 21°22 | 9°25 | 6°18 | 22°21 | 29° 0 | 19°15 | 14°23 | 19°38 | 4°21 | 13° 4 | 12°25 | 13°57 | 25°27 | T 13 |
| F 14 | 7 36 0 | 23°32'59 | 4 Ⅱ 24 | 10°55 | 7°13 | 22°57 | 29°10 | 19°17 | 14°21 | 19°40 | 4°21 | 13° 5 | 12°22 | 14° 4 | 25°31 | F 14 |
| S 15 | 7 39 56 | 24°33'59 | 17°51 | 12°26 | 8° 9 | 23°32 | 29°20 | 19°18 | 14°19 | 19°42 | 4°21 | 13° 6 | 12°18 | 14°11 | 25°36 | S 15 |
| S 16 | 7 43 53 | 25°35'00 | 19543 | 13°58 | 9° 5 | 24° 7 | 29°30 | 19°20 | 14°17 | 19°44 | 4°20 | 13° 6 | 12°15 | 14°17 | 25°40 | S 16 |
| M17 | 7 47 50 | 26°36'01 | 15°58 | 15°29 | 10° 1 | 24°43 | 29°39 | 19°21 | 14°16 | 19°46 | 4°20 | 13°R 7 | 12°12 | 14°24 | 25°44 | M17 |
| T 18 | 7 51 46 | 27°37'02 | 0 Ω 34 | 17° 1 | 10°59 | 25°18 | 29°49 | 19°22 | 14°14 | 19°48 | 4°20 | 13° 6 | 12° 9 | 14°31 | 25°49 | T 18 |
| W19 | 7 55 43 | 28°38'04 | 15°22 | 18°34 | 11°56 | 25°53 | 29°59 | 19°23 | 14°13 | 19°49 | 4°19 | 13° 5 | 12° 6 | 14°37 | 25°53 | W19 |
| T 20 | 7 59 39 | 29°39'06 | 0 m 15 | 20° 6 | 12°55 | 26°29 | 0 √ 8 | 19°24 | 14°11 | 19°51 | 4°19 | 13° 3 | 12° 3 | 14°44 | 25°57 | T 20 |
| F 21 | 8 3 36 | 0≈40'09 | 15° 6 | 21°39 | 13°54 | 27° 4 | 0°17 | 19°25 | 14°10 | 19°53 | 4°18 | 13° 0 | 11°59 | 14°51 | 26° 2 | F 21 |
| S 22 | 8 7 32 | 1°41'12 | 29°47 | 23°12 | 14°53 | 27°39 | 0°26 | 19°26 | 14° 8 | 19°55 | 4°18 | 12°58 | 11°56 | 14°58 | 26° 6 | S 22 |
| S 23 | 8 11 29 | 2°42'15 | 14 ₽ 13 | 24°45 | 15°53 | 28°14 | 0°35 | 19°27 | 14° 7 | 19°57 | 4°17 | 12°56 | 11°53 | 15° 4 | 26°11 | S 23 |
| M24 | 8 15 25 | 3°43'19 | 28°19 | 26°19 | 16°53 | 28°49 | 0°44 | 19°27 | 14° 5 | 19°58 | 4°17 | 12°D55 | 11°50 | 15°11 | 26°15 | M24 |
| T 25 | 8 19 22 | 4°44'23 | 12 M 6 | 27°53 | 17°53 | 29°24 | 0°53 | 19°28 | 14° 4 | 20° 0 | 4°16 | 12°56 | 11°47 | 15°18 | 26°20 | T 25 |
| W26 | 8 23 19 | 5°45'28 | 25°33 | 29°27 | 18°54 | 29°59 | 1° 2 | 19°28 | 14° 3 | 20° 2 | 4°15 | 12°57 | 11°43 | 15°24 | 26°24 | W26 |
| T 27 | 8 27 15 | 6°46'33 | 8 . 741 | 1≈ 2 | 19°56 | 0 ∡ 34 | 1°10 | 19°28 | 14° 1 | 20° 4 | 4°15 | 12°58 | 11°40 | 15°31 | 26°29 | T 27 |
| F 28 | 8 31 12 | 7°47'39 | 2 <u>1</u> °34 | 2°37 | 20°58 | 1° 9 | 1°19 | 19°28 | 14° 0 | 20° 5 | 4°14 | 13° 0 | 11°37 | 15°38 | 26°33 | F 28 |
| S 29 | 8 35 8 | 8°48'45 | 4 궁 12 | 4°13 | 22° 0 | 1°44 | 1°27 | 19°R28 | 13°59 | 20° 7 | 4°13 | 13° 1 | 11°34 | 15°45 | 26°38 | S 29 |
| S 30 | 8 39 5 | 9°49'51 | 16°39 | 5°48 | 23° 2 | 2°18 | 1°35 | 19°28 | 13°58 | 20° 9 | 4°13 | 13°R 1 | 11°31 | 15°51 | 26°43 | S 30 |
| M31 | 8 43 1 | 10≈50'57 | 28 궁 56 | 7≈25 | 24 ₹ 5 | 2 ₹ 53 | 1 ∡ 743 | 19 ≏ 28 | 13 Ⅱ 57 | 20 х 10 | 4 ₽ 12 | 1395 0 | 119528 | 15) 58 | 26≈47 | M31 |

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| T 1 | 8 46 58 | 11≈52'03 | 11≈ 5 | 9≈ 1 | 25 ₹ 8 | 3 ₹ 28 | 1 ~ 151 | 19°R28 | 13°R56 | 20 × 12 | 4°R11 | 12°R57 | 119524 | 16 ¥ 5 | 26≈52 | T 1 |
| W 2 | 8 50 55 | 12°53'08 | 23° 6 | 10°38 | 26°12 | 4° 2 | 1°59 | 19 ≏ 27 | 13耳55 | 20°13 | 4 ₽ 10 | 12953 | 11°21 | 16°11 | 26°57 | W 2 |
| T 3 | 8 54 51 | 13°54'14 | 5 ¥ 2 | 12°16 | 27°16 | 4°37 | 2° 7 | 19°27 | 13°54 | 20°15 | 4° 9 | 12°48 | 11°18 | 16°18 | 27° 1 | T 3 |
| F 4 | 8 58 48 | 14°55'19 | 16°55 | 13°54 | 28°20 | 5°11 | 2°14 | 19°26 | 13°53 | 20°16 | 4° 8 | 12°42 | 11°15 | 16°25 | 27° 6 | F 4 |
| S 5 | 9 2 44 | 15°56'24 | 28°45 | 15°32 | 29°24 | 5°46 | 2°22 | 19°25 | 13°52 | 20°18 | 4° 7 | 12°35 | 11°12 | 16°31 | 27°11 | S 5 |
| S 6 | 9 641 | 16°57'28 | 10 Y 37 | 17°11 | 0る29 | 6°20 | 2°29 | 19°24 | 13°51 | 20°19 | 4° 7 | 12°30 | 11° 9 | 16°38 | 27°15 | S 6 |
| M 7 | 9 10 37 | 17°58'32 | 22°32 | 18°51 | 1°34 | 6°54 | 2°36 | 19°23 | 13°51 | 20°21 | 4° 6 | 12°25 | 11° 5 | 16°45 | 27°20 | M 7 |
| T 8 | 9 14 34 | 18°59'35 | 4 8 36 | 20°31 | 2°39 | 7°28 | 2°43 | 19°22 | 13°50 | 20°22 | 4° 5 | 12°22 | 11° 2 | 16°52 | 27°25 | T 8 |
| W 9 | 9 18 30 | 20° 0'37 | 16°52 | 22°11 | 3°45 | 8° 2 | 2°50 | 19°21 | 13°49 | 20°23 | 4° 4 | 12°D21 | 10°59 | 16°58 | 27°30 | W 9 |
| T 10 | 9 22 27 | 21° 1'39 | 29°25 | 23°52 | 4°50 | 8°36 | 2°57 | 19°20 | 13°49 | 20°25 | 4° 3 | 12°21 | 10°56 | 17° 5 | 27°34 | T 10 |
| F 11 | 9 26 23 | 22° 2'40 | 12 Ⅱ 20 | 25°33 | 5°56 | 9°10 | 3° 3 | 19°18 | 13°48 | 20°26 | 4° 1 | 12°23 | 10°53 | 17°12 | 27°39 | F 11 |
| S 12 | 9 30 20 | 23° 3'41 | 25°40 | 27°15 | 7° 2 | 9°44 | 3°10 | 19°17 | 13°48 | 20°27 | 4° 0 | 12°24 | 10°49 | 17°18 | 27°44 | S 12 |
| S 13 | 9 34 17 | 24° 4'40 | 99528 | 28°58 | 8° 9 | 10°18 | 3°16 | 19°15 | 13°48 | 20°28 | 3°59 | 12°R25 | 10°46 | 17°25 | 27°48 | S 13 |
| M14 | 9 38 13 | 25° 5'39 | 23°44 | 0) €40 | 9°15 | 10°52 | 3°22 | 19°13 | 13°47 | 20°30 | 3°58 | 12°25 | 10°43 | 17°32 | 27°53 | M14 |
| T 15 | 9 42 10 | 26° 6'37 | 8 Ω 27 | 2°24 | 10°22 | 11°25 | 3°28 | 19°12 | 13°47 | 20°31 | 3°57 | 12°22 | 10°40 | 17°39 | 27°58 | T 15 |
| W16 | 9 46 6 | 27° 7'34 | 23°30 | 4° 7 | 11°29 | 11°59 | 3°34 | 19°10 | 13°47 | 20°32 | 3°56 | 12°17 | 10°37 | 17°45 | 28° 3 | W16 |
| T 17 | 9 50 3 | 28° 8'31 | 8 M p44 | 5°51 | 12°36 | 12°32 | 3°39 | 19°8 | 13°46 | 20°33 | 3°55 | 12°11 | 10°34 | 17°52 | 28° 7 | T 17 |
| F 18 | 9 53 59 | 29° 9'26 | 23°59 | 7°35 | 13°44 | 13° 6 | 3°45 | 19° 6 | 13°46 | 20°34 | 3°53 | 12° 4 | 10°30 | 17°59 | 28°12 | F 18 |
| S 19 | 9 57 56 | 0 ¥ 10′22 | 9 ≙ 4 | 9°20 | 14°51 | 13°39 | 3°50 | 19° 3 | 13°46 | 20°35 | 3°52 | 11°56 | 10°27 | 18° 5 | 28°17 | S 19 |
| S 20 | 10 1 52 | 1°11'16 | 23°50 | 11° 4 | 15°59 | 14°12 | 3°55 | 19° 1 | 13°D46 | 20°36 | 3°51 | 11°50 | 10°24 | 18°12 | 28°22 | S 20 |
| M21 | 10 5 49 | 2°12'10 | 8 M .11 | 12°49 | 17° 7 | 14°46 | 4° 0 | 18°59 | 13°46 | 20°37 | 3°50 | 11°45 | 10°21 | 18°19 | 28°26 | M21 |
| T 22 | 10 9 46 | 3°13'04 | 22° 5 | 14°33 | 18°15 | 15°19 | 4° 5 | 18°56 | 13°46 | 20°38 | 3°48 | 11°43 | 10°18 | 18°26 | 28°31 | T 22 |
| W23 | 10 13 42 | 4°13'57 | 5 ₹ 33 | 16°17 | 19°23 | 15°52 | 4°10 | 18°53 | 13°46 | 20°39 | 3°47 | 11°D42 | 10°14 | 18°32 | 28°36 | W23 |
| T 24 | 10 17 39 | 5°14'49 | 18°36 | 18° 0 | 20°32 | 16°25 | 4°15 | 18°51 | 13°46 | 20°40 | 3°46 | 11°43 | 10°11 | 18°39 | 28°41 | T 24 |
| F 25 | 10 21 35 | 6°15'41 | 1 ح 18 | 19°42 | 21°40 | 16°57 | 4°19 | 18°48 | 13°47 | 20°41 | 3°44 | 11°44 | 10° 8 | 18°46 | 28°45 | F 25 |
| S 26 | 10 25 32 | 7°16'32 | 13°44 | 21°24 | 22°49 | 17°30 | 4°23 | 18°45 | 13°47 | 20°42 | 3°43 | 11°R44 | 10° 5 | 18°52 | 28°50 | S 26 |
| S 27 | 10 29 28 | 8°17'23 | 25°58 | 23° 3 | 23°58 | 18° 3 | 4°27 | 18°42 | 13°47 | 20°43 | 3°42 | 11°43 | 10° 2 | 18°59 | 28°55 | S 27 |
| M28 | 10 33 25 | 9 ∺ 18'12 | 8≈ 2 | 24) 41 | 25 궁 7 | 18 ₹ 35 | 4 ₹ 31 | 18 ≏ 39 | 13 Ⅱ 48 | 20 ₮ 44 | 3 ≙ 40 | 11939 | 9959 | 19 ∺ 6 | 29≈ 0 | M28 |

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| T 1 | 10 37 21 | 10 米 19′00 | 20≈ 0 | 26 米 17 | 26 궁 16 | 19 ×7 8 | 4 ₹ 35 | 18°R36 | 13耳48 | 20 ∡ 144 | 3°R39 | 11°R33 | 9955 | 19 米 13 | 29≈ 4 | T 1 |
| W 2 | 10 41 18 | 11°19'48 | 1 米 54 | 27°49 | 27°26 | 19°40 | 4°38 | 18 ≏ 33 | 13°49 | 20°45 | 3 ₾ 38 | 119524 | 9°52 | 19°19 | 29° 9 | W 2 |
| T 3 | 10 45 15 | 12°20'34 | 13°46 | 29°18 | 28°35 | 20°12 | 4°41 | 18°29 | 13°49 | 20°46 | 3°36 | 11°13 | 9°49 | 19°26 | 29°14 | T 3 |
| F 4 | 10 49 11 | 13°21'19 | 25°38 | 0 Υ 44 | 29°44 | 20°44 | 4°45 | 18°26 | 13°50 | 20°46 | 3°35 | 11° 0 | 9°46 | 19°33 | 29°18 | F 4 |
| S 5 | 10 53 8 | 14°22'03 | 7 Υ 30 | 2° 4 | 0≈54 | 21°16 | 4°48 | 18°22 | 13°50 | 20°47 | 3°33 | 10°48 | 9°43 | 19°39 | 29°23 | S 5 |
| S 6 | 10 57 4 | 15°22'46 | 19°25 | 3°19 | 2° 4 | 21°48 | 4°50 | 18°19 | 13°51 | 20°47 | 3°32 | 10°36 | 9°40 | 19°46 | 29°27 | S 6 |
| M 7 | 11 1 1 | 16°23'27 | 1823 | 4°29 | 3°14 | 22°20 | 4°53 | 18°15 | 13°52 | 20°48 | 3°30 | 10°25 | 9°36 | 19°53 | 29°32 | M 7 |
| T 8 | 11 4 57 | 17°24'07 | 13°29 | 5°31 | 4°24 | 22°52 | 4°55 | 18°12 | 13°53 | 20°49 | 3°29 | 10°17 | 9°33 | 20° 0 | 29°37 | T 8 |
| W 9 | 11 8 54 | 18°24'45 | 25°45 | 6°26 | 5°34 | 23°23 | 4°58 | 18° 8 | 13°53 | 20°49 | 3°27 | 10°12 | 9°30 | 20° 6 | 29°41 | W 9 |
| T 10 | 11 12 50 | 19°25'22 | 8 I I15 | 7°12 | 6°44 | 23°55 | 5° 0 | 18° 4 | 13°54 | 20°49 | 3°26 | 10°10 | 9°27 | 20°13 | 29°46 | T 10 |
| F 11 | 11 16 47 | 20°25'57 | 21° 3 | 7°50 | 7°54 | 24°26 | 5° 2 | 18° 0 | 13°55 | 20°50 | 3°24 | 10°D 9 | 9°24 | 20°20 | 29°50 | F 11 |
| S 12 | 11 20 44 | 21°26'31 | 49513 | 8°18 | 9° 4 | 24°57 | 5° 3 | 17°56 | 13°56 | 20°50 | 3°23 | 10°R10 | 9°20 | 20°26 | 29°55 | S 12 |
| S 13 | 11 24 40 | 22°27'02 | 17°50 | 8°37 | 10°15 | 25°28 | 5° 5 | 17°52 | 13°57 | 20°51 | 3°21 | 10°10 | 9°17 | 20°33 | 29°59 | S 13 |
| M14 | 11 28 37 | 23°27'33 | 1 Ω 55 | 8°R45 | 11°25 | 25°59 | 5° 6 | 17°48 | 13°58 | 20°51 | 3°20 | 10° 8 | 9°14 | 20°40 | 0) (4 | M14 |
| T 15 | 11 32 33 | 24°28'01 | 16°29 | 8°43 | 12°36 | 26°30 | 5° 7 | 17°44 | 14° 0 | 20°51 | 3°18 | 10° 4 | 9°11 | 20°47 | 0° 8 | T 15 |
| W16 | 11 36 30 | 25°28'28 | 1 m 27 | 8°31 | 13°46 | 27° 1 | 5° 8 | 17°40 | 14° 1 | 20°51 | 3°17 | 9°57 | 9° 8 | 20°53 | 0°12 | W16 |
| T 17 | 11 40 26 | 26°28'53 | 16°42 | 8° 9 | 14°57 | 27°31 | 5° 9 | 17°36 | 14° 2 | 20°52 | 3°15 | 9°48 | 9° 5 | 21° 0 | 0°17 | T 17 |
| F 18 | 11 44 23 | 27°29'16 | 2 º 4 | 7°38 | 16° 8 | 28° 1 | 5°10 | 17°31 | 14° 3 | 20°52 | 3°13 | 9°37 | 9° 1 | 21° 7 | 0°21 | F 18 |
| S 19 | 11 48 19 | 28°29'38 | 17°21 | 6°58 | 17°19 | 28°32 | 5°10 | 17°27 | 14° 5 | 20°52 | 3°12 | 9°25 | 8°58 | 21°13 | 0°25 | S 19 |
| S 20 | 11 52 16 | 29°29'58 | 2M22 | 6°11 | 18°30 | 29° 2 | 5°10 | 17°23 | 14° 6 | 20°52 | 3°10 | 9°15 | 8°55 | 21°20 | 0°30 | S 20 |
| M21 | 11 56 12 | 0 Ƴ 30'17 | 16°58 | 5°17 | 19°41 | 29°32 | 5°R10 | 17°18 | 14° 8 | 20°52 | 3° 9 | 9° 7 | 8°52 | 21°27 | 0°34 | M21 |
| T 22 | 12 0 9 | 1°30'35 | 1 √ 5 | 4°19 | 20°52 | 0ට 1 | 5°10 | 17°14 | 14° 9 | 20°52 | 3° 7 | 9° 2 | 8°49 | 21°34 | 0°38 | T 22 |
| W23 | 12 4 6 | 2°30'51 | 14°42 | 3°18 | 22° 3 | 0°31 | 5°10 | 17° 9 | 14°11 | 20°R52 | 3° 6 | 8°59 | 8°46 | 21°40 | 0°42 | W23 |
| T 24 | 12 8 2 | 3°31'06 | 27°50 | 2°15 | 23°15 | 1° 1 | 5° 9 | 17° 5 | 14°12 | 20°52 | 3° 4 | 8°58 | 8°42 | 21°47 | 0°47 | T 24 |
| F 25 | 12 11 59 | 4°31'20 | 10 궁 33 | 1°11 | 24°26 | 1°30 | 5° 8 | 17° 0 | 14°14 | 20°52 | 3° 2 | 8°58 | 8°39 | 21°54 | 0°51 | F 25 |
| S 26 | 12 15 55 | 5°31'33 | 22°57 | 0° 9 | 25°37 | 1°59 | 5° 7 | 16°55 | 14°15 | 20°52 | 3° 1 | 8°58 | 8°36 | 22° 0 | 0°55 | S 26 |
| S 27 | 12 19 52 | 6°31'43 | 5≈ 5 | 29 ∺ 10 | 26°49 | 2°28 | 5° 6 | 16°51 | 14°17 | 20°52 | 2°59 | 8°56 | 8°33 | 22° 7 | 0°59 | S 27 |
| M28 | 12 23 48 | 7°31'53 | 17° 4 | 28°14 | 28° 0 | 2°57 | 5° 5 | 16°46 | 14°19 | 20°52 | 2°58 | 8°51 | 8°30 | 22°14 | 1° 3 | M28 |
| T 29 | 12 27 45 | 8°32'00 | 28°57 | 27°23 | 29°12 | 3°25 | 5° 3 | 16°41 | 14°21 | 20°52 | 2°56 | 8°44 | 8°26 | 22°21 | 1° 7 | T 29 |
| W30 | 12 31 41 | 9°32'07 | 10) (47 | 26°38 | 0 ∺ 23 | <u>3°54</u> | 5° 2 | 16°37 | 14°23 | 20°51 | 2°55 | 8°33 | 8°23 | 22°27 | 1°11 | W30 |
| T 31 | 12 35 38 | 10 Y 32'11 | 22) 38 | 25) 58 | 1) 35 | 4 궁 22 | 5 ₹ 0 | 16 ≏ 32 | 14∏25 | 20 ∡ 751 | 2 ₾ 53 | 8920 | 8920 | 22) 34 | 1 米 15 | T 31 |

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| S 2 1 | Sid.t 12 39 35 12 43 31 12 47 28 | ○ 11 ° 32'14 12°32'15 | Δ 4 Υ 30 16°27 | ў 25°R25 | φ | δ | 4 | ħ |))(| , | Б | £. | ය | Ç | ķ | Day |
|--------|---|------------------------------------|-----------------------------|----------------|-----------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|-------|-----------------|-----------------|------|
| S 2 1 | 12 43 31 12 47 28 | | | 25°R25 | - > / | | | | | | | | | | | |
| | 12 47 28 | 12°32'15 | 16027 | | 2) (47 | 4 る 50 | 4°R58 | 16°R27 | 14∏26 | 20°R51 | 2°R51 | 8°R 6 | 89917 | 22){ 41 | 1) (19 | F 1 |
| S 3 1 | | | 10 27 | 24 米 59 | 3°59 | 5°18 | 4 ₹ 56 | 16 ≏ 23 | 14°28 | 20 渘 50 | 2 ჲ 50 | 7 9 51 | 8°14 | 22°47 | 1°23 | S 2 |
| | 10 51 04 | 13°32'14 | 28°28 | 24°39 | 5°11 | 5°45 | 4°53 | 16°18 | 14°30 | 20°50 | 2°48 | 7°37 | 8°11 | 22°54 | 1°26 | S 3 |
| M 4 | 12 51 24 | 14°32'11 | 10835 | 24°26 | 6°22 | 6°13 | 4°51 | 16°13 | 14°33 | 20°50 | 2°47 | 7°25 | 8° 7 | 23° 1 | 1°30 | M 4 |
| T 5 1 | 12 55 21 | 15°32'07 | 22°49 | 24°19 | 7°34 | 6°40 | 4°48 | 16° 8 | 14°35 | 20°49 | 2°45 | 7°15 | 8° 4 | 23° 8 | 1°34 | T 5 |
| W 6 | 12 59 17 | 16°32'00 | 5 Ⅱ 13 | 24°D19 | 8°46 | 7° 7 | 4°45 | 16° 3 | 14°37 | 20°49 | 2°44 | 7° 9 | 8° 1 | 23°14 | 1°38 | W 6 |
| T 7 1 | 13 3 14 | 17°31'52 | 17°48 | 24°24 | 9°58 | 7°34 | 4°42 | 15°59 | 14°39 | 20°48 | 2°42 | 7° 5 | 7°58 | 23°21 | 1°41 | T 7 |
| F 8 1 | 13 7 10 | 18°31'41 | 0ഇ38 | 24°36 | 11°10 | 8° 0 | 4°38 | 15°54 | 14°41 | 20°48 | 2°41 | 7° 4 | 7°55 | 23°28 | 1°45 | F 8 |
| S 9 1 | 13 11 7 | 19°31'28 | 13°46 | 24°53 | 12°22 | 8°27 | 4°35 | 15°49 | 14°44 | 20°47 | 2°39 | 7° 4 | 7°51 | 23°34 | 1°49 | S 9 |
| S 10 | 13 15 4 | 20°31'13 | 27°15 | 25°14 | 13°34 | 8°53 | 4°31 | 15°44 | 14°46 | 20°47 | 2°38 | 7° 4 | 7°48 | 23°41 | 1°52 | S 10 |
| M11 1 | 13 19 0 | 21°30'56 | 11 N 8 | 25°41 | 14°47 | 9°18 | 4°27 | 15°40 | 14°48 | 20°46 | 2°36 | 7° 2 | 7°45 | 23°48 | 1°56 | M11 |
| T 12 1 | 13 22 57 | 22°30'37 | 25°26 | 26°13 | 15°59 | 9°44 | 4°24 | 15°35 | 14°51 | 20°45 | 2°35 | 6°59 | 7°42 | 23°55 | 1°59 | T 12 |
| W13 1 | 13 26 53 | 23°30'15 | 10 m) 7 | 26°48 | 17°11 | 10° 9 | 4°19 | 15°30 | 14°53 | 20°45 | 2°33 | 6°53 | 7°39 | 24° 1 | 2° 2 | W13 |
| T 14 | 13 30 50 | 24°29'51 | 25° 6 | 27°28 | 18°23 | 10°34 | 4°15 | 15°26 | 14°56 | 20°44 | 2°32 | 6°44 | 7°36 | 24° 8 | 2° 6 | T 14 |
| F 15 | 13 34 46 | 25°29'25 | 10 ₽ 16 | 28°12 | 19°35 | 10°59 | 4°11 | 15°21 | 14°58 | 20°43 | 2°30 | 6°34 | 7°32 | 24°15 | 2° 9 | F 15 |
| S 16 | 13 38 43 | 26°28'57 | 25°25 | 28°59 | 20°48 | 11°24 | 4° 6 | 15°16 | 15° 1 | 20°42 | 2°29 | 6°24 | 7°29 | 24°21 | 2°12 | S 16 |
| S 17 | 13 42 39 | 27°28'27 | 10 M 24 | 29°50 | 22° 0 | 11°48 | 4° 1 | 15°12 | 15° 3 | 20°42 | 2°28 | 6°14 | 7°26 | 24°28 | 2°15 | S 17 |
| M18 1 | 13 46 36 | 28°27'55 | 25° 3 | 0 Υ 43 | 23°12 | 12°12 | 3°56 | 15° 7 | 15° 6 | 20°41 | 2°26 | 6° 6 | 7°23 | 24°35 | 2°19 | M18 |
| T 19 1 | 13 50 33 | 29°27'21 | 9 ∡ 15 | 1°40 | 24°25 | 12°36 | 3°51 | 15° 2 | 15° 8 | 20°40 | 2°25 | 6° 1 | 7°20 | 24°42 | 2°22 | T 19 |
| W20 1 | 13 54 29 | 0826'46 | 22°59 | 2°39 | 25°37 | 12°59 | 3°46 | 14°58 | 15°11 | 20°39 | 2°24 | 5°58 | 7°17 | 24°48 | 2°25 | W20 |
| T 21 1 | 13 58 26 | 1°26'09 | 6 ට 15 | 3°42 | 26°50 | 13°22 | 3°41 | 14°53 | 15°14 | 20°38 | 2°22 | 5°D57 | 7°13 | 24°55 | 2°28 | T 21 |
| F 22 | 14 2 22 | 2°25'31 | 19° 4 | 4°47 | 28° 2 | 13°45 | 3°35 | 14°49 | 15°16 | 20°37 | 2°21 | 5°58 | 7°10 | 25° 2 | 2°31 | F 22 |
| S 23 | 14 6 19 | 3°24'50 | 1≈32 | 5°54 | 29°15 | 14° 8 | 3°29 | 14°45 | 15°19 | 20°36 | 2°20 | 5°R58 | 7° 7 | 25° 9 | 2°33 | S 23 |
| S 24 | 14 10 15 | 4°24'08 | 13°43 | 7° 3 | 0 Υ 27 | 14°30 | 3°24 | 14°40 | 15°22 | 20°35 | 2°18 | 5°58 | 7° 4 | 25°15 | 2°36 | S 24 |
| M25 1 | 14 14 12 | 5°23'24 | 25°42 | 8°15 | 1°40 | 14°51 | 3°18 | 14°36 | 15°25 | 20°34 | 2°17 | 5°55 | 7° 1 | 25°22 | 2°39 | M25 |
| T 26 | 14 18 8 | 6°22'39 | 7) (34 | 9°29 | 2°52 | 15°13 | 3°12 | 14°32 | 15°28 | 20°33 | 2°16 | 5°51 | 6°57 | 25°29 | 2°42 | T 26 |
| W27 1 | 14 22 5 | 7°21'51 | 19°25 | 10°45 | 4° 5 | 15°34 | 3° 5 | 14°27 | 15°31 | 20°32 | 2°14 | 5°44 | 6°54 | 25°35 | 2°44 | W27 |
| T 28 | 14 26 1 | 8°21'02 | 1 Y 16 | 12° 3 | 5°18 | 15°55 | 2°59 | 14°23 | 15°34 | 20°31 | 2°13 | 5°35 | 6°51 | 25°42 | 2°47 | T 28 |
| F 29 1 | 14 29 58 | 9°20'11 | 13°12 | 13°22 | 6°30 | 16°15 | 2°53 | 14°19 | 15°36 | 20°30 | 2°12 | 5°24 | 6°48 | 25°49 | 2°50 | F 29 |
| S 30 | 14 33 55 | 10819'18 | 25 Y 14 | 14 Υ 44 | 7 Υ 43 | 16 ට 35 | 2 √ 46 | 14 ₽ 15 | 15 Ⅱ 39 | 20 × 29 | 2 ₽ 11 | 59914 | 69645 | 25 米 56 | 2) 52 | S 30 |

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| S 1 | 14 37 51 | 11818'24 | 7 8 25 | 16 ℃ 7 | 8 Υ 56 | 16 ට 55 | 2°R40 | 14°R11 | 15 Ⅱ 42 | 20°R28 | 2°R10 | 5°R 3 | 6942 | 26 ¥ 2 | 2) 54 | S 1 |
| M 2 | 14 41 48 | 12°17'27 | 19°44 | 17°33 | 10°8 | 17°14 | 2 ₹ 33 | 14 ♀ 7 | 15°45 | 20 ∡ 27 | 2 ₾ 9 | 4954 | 6°38 | 26° 9 | 2°57 | M 2 |
| T 3 | 14 45 44 | 13°16'29 | 2 Ⅱ 12 | 18°59 | 11°21 | 17°33 | 2°26 | 14° 3 | 15°48 | 20°26 | 2° 7 | 4°48 | 6°35 | 26°16 | 2°59 | T 3 |
| W 4 | 14 49 41 | 14°15'28 | 14°51 | 20°28 | 12°34 | 17°51 | 2°19 | 14° 0 | 15°52 | 20°24 | 2° 6 | 4°43 | 6°32 | 26°22 | 3° 1 | W 4 |
| T 5 | 14 53 37 | 15°14'26 | 27°41 | 21°58 | 13°46 | 18° 9 | 2°12 | 13°56 | 15°55 | 20°23 | 2° 5 | 4°41 | 6°29 | 26°29 | 3° 4 | T 5 |
| F 6 | 14 57 34 | 16°13'21 | 109544 | 23°30 | 14°59 | 18°27 | 2° 5 | 13°52 | 15°58 | 20°22 | 2° 4 | 4°D41 | 6°26 | 26°36 | 3° 6 | F 6 |
| S 7 | 15 1 30 | 17°12'14 | 24° 1 | 25° 4 | 16°12 | 18°44 | 1°58 | 13°49 | 16° 1 | 20°21 | 2° 3 | 4°42 | 6°23 | 26°43 | 3° 8 | S 7 |
| S 8 | 15 5 27 | 18°11'05 | 7 Ω 34 | 26°39 | 17°25 | 19° 0 | 1°51 | 13°45 | 16° 4 | 20°19 | 2° 2 | 4°43 | 6°19 | 26°49 | 3°10 | S 8 |
| M 9 | 15 9 24 | 19° 9'54 | 21°24 | 28°16 | 18°38 | 19°17 | 1°44 | 13°42 | 16° 7 | 20°18 | 2° 1 | 4°R44 | 6°16 | 26°56 | 3°12 | M 9 |
| T 10 | 15 13 20 | 20° 8'40 | 5 m 31 | 29°54 | 19°50 | 19°32 | 1°36 | 13°38 | 16°10 | 20°17 | 2° 0 | 4°43 | 6°13 | 27° 3 | 3°14 | T 10 |
| W11 | 15 17 17 | 21° 7'24 | 19°55 | 1834 | 21° 3 | 19°48 | 1°29 | 13°35 | 16°14 | 20°15 | 1°59 | 4°40 | 6°10 | 27°10 | 3°15 | W11 |
| T 12 | 15 21 13 | 22° 6'06 | 4 Ω 32 | 3°16 | 22°16 | 20° 2 | 1°21 | 13°32 | 16°17 | 20°14 | 1°59 | 4°35 | 6° 7 | 27°16 | 3°17 | T 12 |
| F 13 | 15 25 10 | 23° 4'46 | 19°17 | 4°59 | 23°29 | 20°17 | 1°14 | 13°29 | 16°20 | 20°12 | 1°58 | 4°29 | 6° 3 | 27°23 | 3°19 | F 13 |
| S 14 | 15 29 6 | 24° 3'24 | 4M 3 | 6°44 | 24°42 | 20°30 | 1° 6 | 13°26 | 16°23 | 20°11 | 1°57 | 4°23 | 6° 0 | 27°30 | 3°21 | S 14 |
| S 15 | 15 33 3 | 25° 2'00 | 18°42 | 8°31 | 25°54 | 20°44 | 0°59 | 13°23 | 16°27 | 20°10 | 1°56 | 4°17 | 5°57 | 27°36 | 3°22 | S 15 |
| M16 | 15 36 59 | 26° 0'34 | 3 , ₹ 7 | 10°19 | 27° 7 | 20°56 | 0°51 | 13°20 | 16°30 | 20° 8 | 1°55 | 4°13 | 5°54 | 27°43 | 3°24 | M16 |
| T 17 | 15 40 56 | 26°59'06 | 1 <u>7</u> °12 | 12° 9 | 28°20 | 21° 8 | 0°44 | 13°17 | 16°33 | 20° 7 | 1°54 | 4°10 | 5°51 | 27°50 | 3°25 | T 17 |
| W18 | 15 44 53 | 27°57'37 | 0 ප් 53 | 14° 1 | 29°33 | 21°20 | 0°36 | 13°14 | 16°37 | 20° 5 | 1°54 | 4°D 9 | 5°48 | 27°57 | 3°26 | W18 |
| T 19 | 15 48 49 | 28°56'06 | 14° 9 | 15°54 | 0846 | 21°31 | 0°28 | 13°12 | 16°40 | 20° 4 | 1°53 | 4° 9 | 5°44 | 28° 3 | 3°28 | T 19 |
| F 20 | 15 52 46 | 29°54'33 | 27° 2 | 17°49 | 1°59 | 21°42 | 0°21 | 13° 9 | 16°43 | 20° 2 | 1°52 | 4°10 | 5°41 | 28°10 | 3°29 | F 20 |
| S 21 | 15 56 42 | 0 Ⅱ 52'59 | 9≈34 | 19°46 | 3°12 | 21°51 | 0°13 | 13° 7 | 16°47 | 20° 1 | 1°52 | 4°12 | 5°38 | 28°17 | 3°30 | S 21 |
| S 22 | 16 0 39 | 1°51'23 | 21°49 | 21°44 | 4°25 | 22° 1 | 0° 5 | 13° 4 | 16°50 | 19°59 | 1°51 | 4°13 | 5°35 | 28°23 | 3°31 | S 22 |
| M23 | 16 4 35 | 2°49'46 | 3 ¥ 52 | 23°44 | 5°38 | 22° 9 | 29 M 58 | 13° 2 | 16°54 | 19°58 | 1°50 | 4°R14 | 5°32 | 28°30 | 3°32 | M23 |
| T 24 | 16 8 32 | 3°48'07 | 15°47 | 25°46 | 6°51 | 22°17 | 29°50 | 13° 0 | 16°57 | 19°56 | 1°50 | 4°13 | 5°29 | 28°37 | 3°33 | T 24 |
| W25 | 16 12 28 | 4°46'27 | 27°39 | 27°49 | 8° 4 | 22°25 | 29°43 | 12°58 | 17° 0 | 19°55 | 1°49 | 4°11 | 5°25 | 28°44 | 3°34 | W25 |
| T 26 | 16 16 25 | 5°44'45 | 9 Υ 33 | 29°53 | 9°17 | 22°31 | 29°35 | 12°56 | 17° 4 | 19°53 | 1°49 | 4° 8 | 5°22 | 28°50 | 3°35 | T 26 |
| F 27 | 16 20 22 | 6°43'01 | 21°32 | 1 Ⅱ 59 | 10°29 | 22°37 | 29°27 | 12°54 | 17° 7 | 19°52 | 1°48 | 4° 3 | 5°19 | 28°57 | 3°36 | F 27 |
| S 28 | 16 24 18 | 7°41'17 | 3 8 39 | 4° 6 | 11°42 | 22°43 | 29°20 | 12°52 | 17°11 | 19°50 | 1°48 | 3°59 | 5°16 | 29° 4 | 3°37 | S 28 |
| S 29 | 16 28 15 | 8°39'30 | 15°58 | 6°15 | 12°55 | 22°48 | 29°12 | 12°51 | 17°14 | 19°48 | 1°47 | 3°55 | 5°13 | 29°11 | 3°37 | S 29 |
| M30 | 16 32 11 | 9°37'42 | 28°30 | 8°24 | 14° 8 | 22°52 | 29° 5 | 12°49 | 17°18 | 19°47 | 1°47 | 3°51 | 5° 9 | 29°17 | 3°38 | M30 |
| T 31 | 16 36 8 | 10 Ⅱ 35'53 | 11 Ⅱ 15 | 10 Ⅱ 34 | 15 8 21 | 22 궁 55 | 28 M 57 | 12 ≏ 48 | 17 Ⅱ 21 | 19 × 745 | 1 ≏ 47 | 394 8 | 5 9 6 | 29 米 24 | 3 ∺ 38 | T 31 |

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|------|----------|--------------------|------------------|----------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|---------------|----------------|-------|----------------|---------------|------|
| W 1 | 16 40 4 | 11 II 34'02 | 24∏14 | 12 Ⅱ 44 | 16 8 34 | 22 궁 57 | 28°R50 | 12°R46 | 17 Ⅱ 25 | 19°R44 | 1°R46 | 3°R47 | 599 3 | 29 米 31 | 3 ∺ 39 | W 1 |
| T 2 | 16 44 1 | 12°32'10 | 792 6 | 14°55 | 17°47 | 22°59 | 28 M .43 | 12 ≏ 45 | 17°28 | 19 х 42 | 1 ≏ 46 | 3°D47 | 5° 0 | 29°37 | 3°39 | T 2 |
| F 3 | 16 47 58 | 13°30'15 | 20°51 | 17° 6 | 19° 0 | 23° 0 | 28°36 | 12°44 | 17°31 | 19°40 | 1°46 | 3 95 47 | 4°57 | 29°44 | 3°40 | F 3 |
| S 4 | 16 51 54 | 14°28'19 | 4Ω 28 | 19°16 | 20°14 | 23°R 1 | 28°28 | 12°43 | 17°35 | 19°39 | 1°45 | 3°49 | 4°54 | 29°51 | 3°40 | S 4 |
| S 5 | 16 55 51 | 15°26'22 | 18°16 | 21°26 | 21°27 | 23° 0 | 28°21 | 12°42 | 17°38 | 19°37 | 1°45 | 3°50 | 4°50 | 29°58 | 3°40 | S 5 |
| M 6 | 16 59 47 | 16°24'22 | 2 Mp 15 | 23°36 | 22°40 | 22°59 | 28°14 | 12°41 | 17°42 | 19°36 | 1°45 | 3°51 | 4°47 | 0 Υ 4 | 3°40 | M 6 |
| T 7 | 17 3 44 | 17°22'21 | 16°22 | 25°44 | 23°53 | 22°57 | 28° 7 | 12°40 | 17°45 | 19°34 | 1°45 | 3°R51 | 4°44 | 0°11 | 3°R40 | T 7 |
| W 8 | 17 7 40 | 18°20'17 | ე ჲ 37 | 27°50 | 25° 6 | 22°55 | 28° 1 | 12°40 | 17°49 | 19°32 | 1°45 | 3°51 | 4°41 | 0°18 | 3°40 | W 8 |
| T 9 | 17 11 37 | 19°18'12 | 14°56 | 29°56 | 26°19 | 22°52 | 27°54 | 12°39 | 17°52 | 19°31 | 1°45 | 3°50 | 4°38 | 0°24 | 3°40 | T 9 |
| F 10 | 17 15 33 | 20°16'05 | 29°17 | 1959 | 27°32 | 22°47 | 27°47 | 12°39 | 17°56 | 19°29 | 1°44 | 3°49 | 4°35 | 0°31 | 3°40 | F 10 |
| S 11 | 17 19 30 | 21°13'57 | 13 M 35 | 4° 0 | 28°45 | 22°43 | 27°41 | 12°38 | 17°59 | 19°27 | 1°44 | 3°47 | 4°31 | 0°38 | 3°40 | S 11 |
| S 12 | 17 23 27 | 22°11'47 | 27°46 | 5°59 | 29°58 | 22°37 | 27°34 | 12°38 | 18° 3 | 19°26 | 1°D44 | 3°46 | 4°28 | 0°45 | 3°39 | S 12 |
| M13 | 17 27 23 | 23° 9'36 | 11 ~ 45 | 7°55 | 1 I I11 | 22°31 | 27°28 | 12°38 | 18° 6 | 19°24 | 1°44 | 3°45 | 4°25 | 0°51 | 3°39 | M13 |
| T 14 | 17 31 20 | 24° 7'23 | 25°30 | 9°49 | 2°24 | 22°24 | 27°22 | 12°D38 | 18°10 | 19°23 | 1°45 | 3°44 | 4°22 | 0°58 | 3°39 | T 14 |
| W15 | 17 35 16 | 25° 5'09 | 8 궁 57 | 11°40 | 3°37 | 22°16 | 27°16 | 12°38 | 18°13 | 19°21 | 1°45 | 3°D44 | 4°19 | 1° 5 | 3°38 | W15 |
| T 16 | 17 39 13 | 26° 2'54 | 22° 5 | 13°28 | 4°50 | 22° 7 | 27°10 | 12°38 | 18°17 | 19°19 | 1°45 | 3°44 | 4°15 | 1°12 | 3°38 | T 16 |
| F 17 | 17 43 9 | 27° 0'37 | 4≈54 | 15°14 | 6° 3 | 21°58 | 27° 4 | 12°39 | 18°20 | 19°18 | 1°45 | 3°45 | 4°12 | 1°18 | 3°37 | F 17 |
| S 18 | 17 47 6 | 27°58'20 | 17°25 | 16°56 | 7°16 | 21°48 | 26°58 | 12°39 | 18°24 | 19°16 | 1°45 | 3°46 | 4° 9 | 1°25 | 3°36 | S 18 |
| S 19 | 17 51 2 | 28°56'01 | 29°42 | 18°36 | 8°29 | 21°37 | 26°52 | 12°39 | 18°27 | 19°15 | 1°45 | 3°46 | 4° 6 | 1°32 | 3°35 | S 19 |
| M20 | 17 54 59 | 29°53'41 | 11) (46 | 20°12 | 9°42 | 21°26 | 26°47 | 12°40 | 18°30 | 19°13 | 1°46 | 3°46 | 4° 3 | 1°38 | 3°35 | M20 |
| T 21 | 17 58 56 | 0951'21 | 23°43 | 21°46 | 10°56 | 21°14 | 26°42 | 12°41 | 18°34 | 19°11 | 1°46 | 3°47 | 4° 0 | 1°45 | 3°34 | T 21 |
| W22 | 18 2 52 | 1°48'59 | 5 Υ 36 | 23°16 | 12° 9 | 21° 1 | 26°36 | 12°41 | 18°37 | 19°10 | 1°46 | 3°R47 | 3°56 | 1°52 | 3°33 | W22 |
| T 23 | 18 6 49 | 2°46'37 | 17°31 | 24°44 | 13°22 | 20°47 | 26°31 | 12°42 | 18°41 | 19°8 | 1°46 | 3°47 | 3°53 | 1°59 | 3°32 | T 23 |
| F 24 | 18 10 45 | 3°44'14 | 29°32 | 26° 8 | 14°35 | 20°33 | 26°26 | 12°43 | 18°44 | 19° 7 | 1°47 | 3°D47 | 3°50 | 2° 5 | 3°31 | F 24 |
| S 25 | 18 14 42 | 4°41'50 | 11843 | 27°29 | 15°48 | 20°18 | 26°22 | 12°45 | 18°48 | 19° 5 | 1°47 | 3°47 | 3°47 | 2°12 | 3°30 | S 25 |
| S 26 | 18 18 38 | 5°39'25 | 24° 7 | 28°47 | 17° 1 | 20° 3 | 26°17 | 12°46 | 18°51 | 19° 3 | 1°48 | 3°47 | 3°44 | 2°19 | 3°28 | S 26 |
| M27 | 18 22 35 | 6°37'00 | 6∏48 | 0 Ω 1 | 18°15 | 19°47 | 26°13 | 12°47 | 18°54 | 19° 2 | 1°48 | 3°47 | 3°41 | 2°26 | 3°27 | M27 |
| T 28 | 18 26 31 | 7°34'34 | 19°46 | 1°12 | 19°28 | 19°31 | 26° 8 | 12°48 | 18°58 | 19° 0 | 1°49 | 3°47 | 3°37 | 2°32 | 3°26 | T 28 |
| W29 | 18 30 28 | 8°32'06 | 399 4 | 2°20 | 20°41 | 19°14 | 26° 4 | 12°50 | 19° 1 | 18°59 | 1°49 | 3°R47 | 3°34 | 2°39 | 3°25 | W29 |
| T 30 | 18 34 25 | 99529'38 | 16939 | 3 Ω 24 | 21 Ⅱ 54 | 18 궁 56 | 26M 0 | 12 ≏ 52 | 19 I I 4 | 18 ∡ 757 | 1 ≏ 50 | 3 95 47 | 3931 | 2 Υ 46 | 3 ∺ 23 | T 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)Å(| Ħ | Р | n | Ω | Ç | o K | Day |
|--------------|----------------------|------------------------------|-------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|---------------|---------------|--------------|---------------|---------------|--------------|
| F 1 | 18 38 21 | 109527'10 | 0 Ω 31 | 4 Ω 25 | 23 II 7 | 18°R39 | 25°R56 | 12 ≏ 53 | 19Ⅱ 8 | 18°R56 | 1 ≙ 50 | 3°R47 | 39528 | 2 Υ 52 | 3°R22 | F 1 |
| S 2 | 18 42 18 | 11°24'40 | 14°35 | 5°22 | 24°21 | 18 る 20 | 25 M 53 | 12°55 | 19°11 | 18 ∡ 754 | 1°51 | 39946 | 3°25 | 2°59 | 3 ∺ 20 | S 2 |
| S 3 | 18 46 14 | 12°22'08 | 28°48 | 6°16 | 25°34 | 18° 2 | 25°49 | 12°57 | 19°14 | 18°53 | 1°51 | 3°45 | 3°21 | 3° 6 | 3°19 | S 3 |
| M 4 T 5 | 18 50 11 18 54 7 | 13°19'36 14°17'03 | 13 Mp 6 27°25 | 7° 5 7°51 | 26°47 28° 0 | 17°43 17°24 | 25°46 25°43 | 12°59 13° 1 | 19°17 19°21 | 18°52 18°50 | 1°52 1°53 | 3°44 3°43 | 3°18 3°15 | 3°13 3°19 | 3°17 3°15 | M 4 T 5 |
| W 6 | 18 58 4 | 15°14'29 | 11 Ω 41 | 8°33 | 29°14 | 17° 5 | 25°40 | 13° 3 | 19°24 | 18°49 | 1°53 | 3°D43 | 3°12 | 3°26 | 3°13 | W 6 |
| T 7 | 19 2 1 | 16°11'53 | 25°53 | 9°11 | 0927 | 16°45 | 25°37 | 13° 6 | 19°27 | 18°47 | 1°54 | 3°43 | 3° 9 | 3°33 | 3°12 | T 7 |
| F 8 | 19 5 57 | 17° 9'17 | 9 M .57 | 9°45 | 1°40 | 16°25 | 25°34 | 13° 8 | 19°30 | 18°46 | 1°55 | 3°44 | 3° 6 | 3°39 | 3°10 | F 8 |
| S 9 | 19 9 54 | 18° 6'40 | 23°51 | 10°15 | 2°53 | 16° 6 | 25°32 | 13°11 | 19°33 | 18°44 | 1°56 | 3°45 | 3° 2 | 3°46 | 3° 8 | S 9 |
| S 10 M11 | 19 13 50 19 17 47 | 19° 4'02 20° 1'23 | 7 ∡ 736 21°8 | 10°40 11° 0 | 4° 7 5°20 | 15°46 15°26 | 25°30 25°28 | 13°13 13°16 | 19°37 19°40 | 18°43 18°42 | 1°57 1°58 | 3°46 3°47 | 2°59 2°56 | 3°53 4° 0 | 3° 6 3° 4 | S 10 M11 |
| T 12 | 19 17 47 | 20°58'43 | 4 3 28 | 11°17 | 6°33 | 15° 7 | 25°26 | 13°19 | 19°43 | 18°40 | 1°58 | 3°R47 | 2°53 | 4° 6 | 3° 2 | T 12 |
| W13 | 19 25 40 | 21°56'03 | 17°34 | 11°28 | 7°47 | 14°47 | 25°24 | 13°22 | 19°46 | 18°39 | 1°59 | 3°47 | 2°50 | 4°13 | 2°59 | W13 |
| T 14 | 19 29 36 | 22°53'22 | 0≈26 | 11°36 | 9° 0 | 14°27 | 25°22 | 13°25 | 19°49 | 18°38 | 2° 0 | 3°45 | 2°47 | 4°20 | 2°57 | T 14 |
| F 15 S 16 | 19 33 33 19 37 30 | 23°50'41 24°47'59 | 13° 4 25°29 | 11°R38 11°36 | 10°13 11°27 | 14° 8 13°49 | 25°21 25°20 | 13°28 13°31 | 19°52 19°55 | 18°37 18°35 | 2° 1 2° 2 | 3°43 3°40 | 2°43 2°40 | 4°27 4°33 | 2°55 2°53 | F 15 S 16 |
| S 17 | 19 41 26 | 25°45'17 | 7 ₩ 41 | 11°30 | 12°40 | 13°30 | 25°19 | 13°34 | 19°58 | 18°34 | 2° 3 | 3°37 | 2°37 | 4°40 | 2°50 | S 17 |
| M18 | 19 41 20 | 25 45 17 26°42'35 | 19°44 | 11°19 | 13°53 | 13°12 | 25°18 | 13°37 | 20° 1 | 18°33 | 2° 4 | 3°33 | 2°34 | 4°47 | 2°48 | M18 |
| T 19 | 19 49 19 | 27°39'53 | 1Υ41 | 11° 4 | 15° 7 | 12°54 | 25°17 | 13°41 | 20° 4 | 18°32 | 2° 5 | 3°30 | 2°31 | 4°53 | 2°46 | T 19 |
| W20 | 19 53 16 | 28°37'10 | 13°34 | 10°45 | 16°20 | 12°36 | 25°17 | 13°44 | 20° 7 | 18°31 | 2° 7 | 3°28 | 2°27 | 5° 0 | 2°43 | W20 |
| T 21 F 22 | 19 57 12 20 1 9 | 29°34'27 0 Ω 31'45 | 25°28 7 8 28 | 10°22 9°55 | 17°34 18°47 | 12°19 12° 2 | 25°17 25°D16 | 13°48 13°52 | 20°10 20°13 | 18°30 18°28 | 2° 8 2° 9 | 3°D27 3°27 | 2°24 2°21 | 5° 7 5°14 | 2°41 2°38 | T 21 F 22 |
| S 23 | 20 5 5 | 1°29'02 | 19°38 | 9°26 | 20° 1 | 11°46 | 25°16 | 13°55 | 20°15 | 18°27 | 2°10 | 3°28 | 2°18 | 5°20 | 2°35 | S 23 |
| S 24 | 20 9 2 | 2°26'20 | 2П 3 | 8°54 | 21°14 | 11°30 | 25°17 | 13°59 | 20°18 | 18°26 | 2°11 | 3°30 | 2°15 | 5°27 | 2°33 | S 24 |
| M25 | 20 12 59 | 3°23'37 | 14°47 | 8°20 | 22°28 | 11°15 | 25°17 | 14° 3 | 20°21 | 18°25 | 2°13 | 3°32 | 2°12 | 5°34 | 2°30 | M25 |
| T 26 | 20 16 55 | 4°20'55 | 27°53 | 7°44 | 23°41 | 11° 0 | 25°18 | 14° 7 | 20°24 | 18°24 | 2°14 | 3°R33 | 2° 8 | 5°41 | 2°28 | T 26 |
| W27 T 28 | 20 20 52 20 24 48 | 5°18'13 6°15'31 | 11 © 23 25°16 | 7° 7 6°30 | 24°55 26° 8 | 10°46 10°33 | 25°18 25°19 | 14°11 14°15 | 20°26 20°29 | 18°23 18°22 | 2°15 2°16 | 3°32 3°31 | 2° 5 2° 2 | 5°47 5°54 | 2°25 2°22 | W27 T 28 |
| F 29 | 20 24 48 | 7°12'49 | 9 Ω 30 | 5°54 | 27°22 | 10°33 | 25°21 | 14°13 | 20°32 | 18°21 | 2°18 | 3°28 | 1°59 | 6° 1 | 2°19 | F 29 |
| S 30 | 20 32 41 | 8°10'06 | 24° 1 | 5°18 | 28°35 | 10° 9 | 25°22 | 14°24 | 20°34 | 18°20 | 2°19 | 3°23 | 1°56 | 6° 7 | 2°16 | S 30 |
| S 31 | 20 36 38 | 9Ω 7'24 | 8 m /42 | 4 Ω 43 | 295649 | 9 ට 58 | 25M23 | 14 ≏ 29 | 20耳37 | 18 ,7 19 | 2 ≙ 20 | 39518 | 1953 | 6 Υ 14 | 2 ∺ 13 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | U | Ω | Ç | ç | Day |
|------|----------|------------------|----------------|----------------|---------------|----------------|----------------|----------------|-----------------|----------------|---------------|--------------|-------|---------------|---------------|------|
| M 1 | 20 40 34 | 10 Ω 4'41 | 23 Mp 25 | 4°R11 | 1 0 3 | 9°R47 | 25M25 | 14 ₽ 33 | 20 Ⅲ 39 | 18°R19 | 2 ≏ 22 | 3°R13 | 19549 | 6 Υ 21 | 2°R11 | M 1 |
| T 2 | 20 44 31 | 11° 1'59 | 8 ≏ 4 | 3 Ω 42 | 2°16 | 9 云 38 | 25°27 | 14°38 | 20°42 | 18 7 18 | 2°23 | 3 9 9 | 1°46 | 6°28 | 2 ∺ 8 | T 2 |
| W 3 | 20 48 28 | 11°59'16 | 22°32 | 3°15 | 3°30 | 9°29 | 25°29 | 14°42 | 20°44 | 18°17 | 2°25 | 3° 6 | 1°43 | 6°34 | 2° 5 | W 3 |
| T 4 | 20 52 24 | 12°56'33 | 6 M .47 | 2°53 | 4°44 | 9°21 | 25°31 | 14°47 | 20°47 | 18°16 | 2°26 | 3°D 4 | 1°40 | 6°41 | 2° 2 | T 4 |
| F 5 | 20 56 21 | 13°53'49 | 20°45 | 2°34 | 5°57 | 9°14 | 25°33 | 14°52 | 20°49 | 18°15 | 2°28 | 3° 4 | 1°37 | 6°48 | 1°59 | F 5 |
| S 6 | 21 0 17 | 14°51'06 | 4 ₹ 26 | 2°20 | 7°11 | 9° 8 | 25°36 | 14°57 | 20°52 | 18°15 | 2°29 | 3° 5 | 1°33 | 6°54 | 1°56 | S 6 |
| S 7 | 21 4 14 | 15°48'23 | 17°51 | 2°11 | 8°25 | 9° 2 | 25°39 | 15° 2 | 20°54 | 18°14 | 2°31 | 3° 7 | 1°30 | 7° 1 | 1°53 | S 7 |
| M 8 | 21 8 10 | 16°45'40 | 1る 2 | 2°D 7 | 9°38 | 8°58 | 25°42 | 15° 7 | 20°56 | 18°13 | 2°32 | 3°R 7 | 1°27 | 7° 8 | 1°50 | M 8 |
| T 9 | 21 12 7 | 17°42'57 | 13°59 | 2° 8 | 10°52 | 8°54 | 25°45 | 15°12 | 20°59 | 18°13 | 2°34 | 3° 7 | 1°24 | 7°15 | 1°46 | T 9 |
| W10 | 21 16 3 | 18°40'14 | 26°44 | 2°15 | 12° 6 | 8°51 | 25°48 | 15°17 | 21° 1 | 18°12 | 2°36 | 3° 4 | 1°21 | 7°21 | 1°43 | W10 |
| T 11 | 21 20 0 | 19°37'31 | 9≈18 | 2°27 | 13°19 | 8°49 | 25°51 | 15°22 | 21° 3 | 18°11 | 2°37 | 3° 0 | 1°18 | 7°28 | 1°40 | T 11 |
| F 12 | 21 23 57 | 20°34'48 | 21°42 | 2°45 | 14°33 | 8°48 | 25°55 | 15°27 | 21° 5 | 18°11 | 2°39 | 2°53 | 1°14 | 7°35 | 1°37 | F 12 |
| S 13 | 21 27 53 | 21°32'06 | 3 ¥ 57 | 3° 9 | 15°47 | 8°D48 | 25°58 | 15°33 | 21° 7 | 18°10 | 2°41 | 2°45 | 1°11 | 7°42 | 1°34 | S 13 |
| S 14 | 21 31 50 | 22°29'24 | 16° 3 | 3°39 | 17° 1 | 8°48 | 26° 2 | 15°38 | 21° 9 | 18°10 | 2°42 | 2°36 | 1°8 | 7°48 | 1°31 | S 14 |
| M15 | 21 35 46 | 23°26'43 | 28° 2 | 4°14 | 18°15 | 8°50 | 26° 6 | 15°44 | 21°11 | 18° 9 | 2°44 | 2°27 | 1° 5 | 7°55 | 1°27 | M15 |
| T 16 | 21 39 43 | 24°24'03 | 9 Y 56 | 4°55 | 19°28 | 8°52 | 26°11 | 15°49 | 21°13 | 18° 9 | 2°46 | 2°18 | 1° 2 | 8° 2 | 1°24 | T 16 |
| W17 | 21 43 39 | 25°21'23 | 21°47 | 5°41 | 20°42 | 8°55 | 26°15 | 15°55 | 21°15 | 18° 9 | 2°47 | 2°12 | 0°58 | 8° 8 | 1°21 | W17 |
| T 18 | 21 47 36 | 26°18'44 | 3840 | 6°33 | 21°56 | 8°59 | 26°19 | 16° 1 | 21°17 | 18° 8 | 2°49 | 2° 7 | 0°55 | 8°15 | 1°18 | T 18 |
| F 19 | 21 51 32 | 27°16'06 | 15°38 | 7°31 | 23°10 | 9° 3 | 26°24 | 16° 6 | 21°19 | 18° 8 | 2°51 | 2° 4 | 0°52 | 8°22 | 1°15 | F 19 |
| S 20 | 21 55 29 | 28°13'29 | 27°46 | 8°34 | 24°24 | 9° 9 | 26°29 | 16°12 | 21°21 | 18° 8 | 2°53 | 2°D 3 | 0°49 | 8°29 | 1°11 | S 20 |
| S 21 | 21 59 26 | 29°10'52 | 10耳 8 | 9°42 | 25°38 | 9°15 | 26°34 | 16°18 | 21°23 | 18° 7 | 2°54 | 2° 4 | 0°46 | 8°35 | 1° 8 | S 21 |
| M22 | 22 3 22 | 0 m) 8'17 | 22°50 | 10°56 | 26°52 | 9°22 | 26°39 | 16°24 | 21°24 | 18° 7 | 2°56 | 2° 5 | 0°43 | 8°42 | 1° 5 | M22 |
| T 23 | 22 7 19 | 1° 5'43 | 5955 | 12°15 | 28° 6 | 9°30 | 26°44 | 16°30 | 21°26 | 18° 7 | 2°58 | 2°R 5 | 0°39 | 8°49 | 1° 2 | T 23 |
| W24 | 22 11 15 | 2° 3'09 | 19°28 | 13°38 | 29°20 | 9°38 | 26°50 | 16°36 | 21°28 | 18° 7 | 3° 0 | 2° 3 | 0°36 | 8°55 | 0°59 | W24 |
| T 25 | 22 15 12 | 3° 0'37 | 3 Ω 29 | 15° 7 | 0 m 34 | 9°48 | 26°55 | 16°42 | 21°29 | 18° 6 | 3° 2 | 2° 0 | 0°33 | 9° 2 | 0°55 | T 25 |
| F 26 | 22 19 8 | 3°58'06 | 17°56 | 16°39 | 1°48 | 9°58 | 27° 1 | 16°48 | 21°31 | 18° 6 | 3° 4 | 1°54 | 0°30 | 9° 9 | 0°52 | F 26 |
| S 27 | 22 23 5 | 4°55'35 | 2 Mp 45 | 18°17 | 3° 2 | 10° 9 | 27° 7 | 16°54 | 21°32 | 18° 6 | 3° 6 | 1°46 | 0°27 | 9°16 | 0°49 | S 27 |
| S 28 | 22 27 1 | 5°53'05 | 17°48 | 19°58 | 4°16 | 10°20 | 27°13 | 17° 0 | 21°34 | 18° 6 | 3° 8 | 1°37 | 0°24 | 9°22 | 0°46 | S 28 |
| M29 | 22 30 58 | 6°50'36 | 2 ≏ 54 | 21°43 | 5°30 | 10°33 | 27°19 | 17° 7 | 21°35 | 18°D 6 | 3° 9 | 1°27 | 0°20 | 9°29 | 0°42 | M29 |
| T 30 | 22 34 55 | 7°48'08 | 17°55 | 23°31 | 6°44 | 1 <u>0</u> °46 | 27°25 | 17°13 | 21°37 | 18° 6 | 3°11 | 1°19 | 0°17 | 9°36 | 0°39 | T 30 |
| W31 | 22 38 51 | 8 m 45'41 | 2 M .41 | 25 Ω 22 | 7 m 58 | 10る59 | 27 m 32 | 17 ≏ 20 | 21 II 38 | 18 才 6 | 3 ≏ 13 | 19912 | 09914 | 9 Υ 43 | 0 ∺ 36 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)Å(| 并 | Р | n | ß | ţ | o k | Day |
|------|----------|------------------|-----------------|-----------------|---------------|----------------|----------------|----------------|-----------------|----------------|---------------|-----------------|---------|---------------|---------------|------|
| T 1 | 22 42 48 | 9 m 43'14 | 17 M 6 | 27 Ω 16 | 9 m 12 | 11 る 14 | 27 M 39 | 17 ≏ 26 | 21 Ⅲ 39 | 18 ∡ 6 | 3 ≙ 15 | 1°R 8 | 09୍ତୀ 1 | 9 Ƴ 49 | 0°R33 | T 1 |
| F 2 | 22 46 44 | 10°40'48 | 1 √ 8 | 29°12 | 10°26 | 11°29 | 27°45 | 17°32 | 21°41 | 18° 6 | 3°17 | 195 6 | 0° 8 | 9°56 | 0 ∺ 30 | F 2 |
| S 3 | 22 50 41 | 11°38'23 | 14°46 | 1 m p 10 | 11°40 | 11°45 | 27°52 | 17°39 | 21°42 | 18° 6 | 3°19 | 1°D 6 | 0° 4 | 10° 3 | 0°27 | S 3 |
| S 4 | 22 54 37 | 12°35'58 | 28° 3 | 3°10 | 12°54 | 12° 1 | 27°59 | 17°46 | 21°43 | 18° 7 | 3°21 | 1°R 6 | 0° 1 | 10° 9 | 0°23 | S 4 |
| M 5 | 22 58 34 | 13°33'35 | 11ਰ 1 | 5°11 | 14° 8 | 12°18 | 28° 6 | 17°52 | 21°44 | 18° 7 | 3°23 | 1° 6 | 29∏58 | 10°16 | 0°20 | M 5 |
| T 6 | 23 2 30 | 14°31'12 | 23°43 | 7°12 | 15°23 | 12°36 | 28°14 | 17°59 | 21°45 | 18° 7 | 3°25 | 1° 4 | 29°55 | 10°23 | 0°17 | T 6 |
| W 7 | 23 6 27 | 15°28'50 | 6≈13 | 9°14 | 16°37 | 12°54 | 28°21 | 18° 6 | 21°46 | 18° 7 | 3°27 | 1° 0 | 29°52 | 10°30 | 0°14 | W 7 |
| T 8 | 23 10 24 | 16°26'29 | 18°32 | 11°17 | 17°51 | 13°13 | 28°28 | 18°12 | 21°47 | 18° 8 | 3°29 | 0°52 | 29°49 | 10°36 | 0°11 | T 8 |
| F 9 | 23 14 20 | 17°24'09 | 0) €43 | 13°19 | 19° 5 | 13°32 | 28°36 | 18°19 | 21°48 | 18° 8 | 3°31 | 0°43 | 29°45 | 10°43 | 0° 8 | F 9 |
| S 10 | 23 18 17 | 18°21'50 | 12°47 | 15°21 | 20°19 | 13°52 | 28°44 | 18°26 | 21°49 | 18° 8 | 3°33 | 0°30 | 29°42 | 10°50 | 0° 5 | S 10 |
| S 11 | 23 22 13 | 19°19'33 | 24°47 | 17°22 | 21°33 | 14°13 | 28°52 | 18°33 | 21°50 | 18° 9 | 3°35 | 0°17 | 29°39 | 10°56 | 0° 2 | S 11 |
| M12 | 23 26 10 | 20°17'16 | 6 Υ 41 | 19°23 | 22°48 | 14°34 | 29° 0 | 18°40 | 21°50 | 18° 9 | 3°37 | 0° 3 | 29°36 | 11° 3 | 29≈59 | M12 |
| T 13 | 23 30 6 | 21°15'01 | 18°34 | 21°22 | 24° 2 | 14°56 | 29° 8 | 18°46 | 21°51 | 18°10 | 3°40 | 29 I I51 | 29°33 | 11°10 | 29°56 | T 13 |
| W14 | 23 34 3 | 22°12'47 | 0 8 25 | 23°21 | 25°16 | 15°18 | 29°16 | 18°53 | 21°52 | 18°10 | 3°42 | 29°40 | 29°30 | 11°17 | 29°53 | W14 |
| T 15 | 23 37 59 | 23°10'35 | 12°18 | 25°19 | 26°30 | 15°41 | 29°25 | 19° 0 | 21°52 | 18°11 | 3°44 | 29°32 | 29°26 | 11°23 | 29°50 | T 15 |
| F 16 | 23 41 56 | 24° 8'25 | 24°15 | 27°16 | 27°44 | 16° 4 | 29°33 | 19° 7 | 21°53 | 18°11 | 3°46 | 29°27 | 29°23 | 11°30 | 29°48 | F 16 |
| S 17 | 23 45 52 | 25° 6'16 | 6П22 | 29°11 | 28°59 | 16°28 | 29°42 | 19°15 | 21°53 | 18°12 | 3°48 | 29°24 | 29°20 | 11°37 | 29°45 | S 17 |
| S 18 | 23 49 49 | 26° 4'09 | 18°42 | 1 º 6 | 0 ჲ 13 | 16°52 | 29°50 | 19°22 | 21°54 | 18°12 | 3°50 | 29°23 | 29°17 | 11°43 | 29°42 | S 18 |
| M19 | 23 53 46 | 27° 2'03 | 19520 | 2°59 | 1°27 | 17°17 | 29°59 | 19°29 | 21°54 | 18°13 | 3°52 | 29°23 | 29°14 | 11°50 | 29°39 | M19 |
| T 20 | 23 57 42 | 27°59'59 | 14°21 | 4°50 | 2°42 | 17°42 | 0 才 8 | 19°36 | 21°55 | 18°14 | 3°54 | 29°22 | 29°10 | 11°57 | 29°37 | T 20 |
| W21 | 0 1 39 | 28°57'57 | 27°49 | 6°41 | 3°56 | 18° 8 | 0°17 | 19°43 | 21°55 | 18°14 | 3°56 | 29°21 | 29° 7 | 12° 4 | 29°34 | W21 |
| T 22 | 0 5 35 | 29°55'57 | 11 Ω 46 | 8°30 | 5°10 | 18°34 | 0°26 | 19°50 | 21°55 | 18°15 | 3°58 | 29°16 | 29° 4 | 12°10 | 29°31 | T 22 |
| F 23 | 0 9 32 | 0 ≏ 53'58 | 26°13 | 10°18 | 6°24 | 19° 0 | 0°36 | 19°57 | 21°55 | 18°16 | 4° 0 | 29°10 | 29° 1 | 12°17 | 29°29 | F 23 |
| S 24 | 0 13 28 | 1°52'01 | 11 Mp 5 | 12° 5 | 7°39 | 19°27 | 0°45 | 20° 5 | 21°55 | 18°17 | 4° 3 | 29° 1 | 28°58 | 12°24 | 29°26 | S 24 |
| S 25 | 0 17 25 | 2°50'06 | 26°16 | 13°50 | 8°53 | 19°55 | 0°54 | 20°12 | 21°56 | 18°18 | 4° 5 | 28°50 | 28°55 | 12°31 | 29°24 | S 25 |
| M26 | 0 21 21 | 3°48'12 | 11 ≏ 35 | 15°34 | 10° 8 | 20°22 | 1° 4 | 20°19 | 21°R56 | 18°18 | 4° 7 | 28°39 | 28°51 | 12°37 | 29°21 | M26 |
| T 27 | 0 25 18 | 4°46'20 | 26°50 | 17°17 | 11°22 | 20°51 | 1°14 | 20°27 | 21°56 | 18°19 | 4° 9 | 28°29 | 28°48 | 12°44 | 29°19 | T 27 |
| W28 | 0 29 15 | 5°44'29 | 11 M .51 | 18°59 | 12°36 | 21°19 | 1°23 | 20°34 | 21°56 | 18°20 | 4°11 | 28°21 | 28°45 | 12°51 | 29°16 | W28 |
| T 29 | 0 33 11 | 6°42'40 | 26°30 | 20°39 | 13°51 | 21°48 | 1°33 | 20°41 | 21°55 | 18°21 | 4°13 | 28°16 | 28°42 | 12°57 | 29°14 | T 29 |
| F 30 | 0 37 8 | 7 ≏ 40'53 | 10 ∡ 743 | 22 ≏ 18 | 15 ♀ 5 | 22 궁 18 | 1 ∡ 743 | 20 ≏ 49 | 21 II 55 | 18 × 22 | 4 ≏ 15 | 28 I I3 | 28耳39 | 13 ℃ 4 | 29≈12 | F 30 |

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| Day | Sid.t | \odot | D | φ | Ŷ | ď | 4 | ħ |)ұ(| ¥ | 2 | ß | Ω | ţ | Š | Day |
|------|---------|--------------------|-----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|-----------------|-------|----------------|--------|------|
| S 1 | 0 41 4 | 8 亞 39'06 | 24 × 727 | 23 ≏ 57 | 16 ≏ 19 | 22 る 48 | 1 ×7 53 | 20 ≏ 56 | 21°R55 | 18 × 23 | 4 ≏ 17 | 28°D12 | 28Ⅲ36 | 13 Y 11 | 29°R10 | S 1 |
| S 2 | 0 45 1 | 9°37'21 | 7 云 45 | 25°34 | 17°34 | 23°18 | 2° 3 | 21° 3 | 21 II 55 | 18°24 | 4°19 | 28°R12 | 28°32 | 13°18 | 29≈ 7 | S 2 |
| M 3 | 0 48 57 | 10°35'38 | 20°41 | 27° 9 | 18°48 | 23°48 | 2°14 | 21°11 | 21°55 | 18°25 | 4°22 | 28 I I12 | 28°29 | 13°24 | 29° 5 | M 3 |
| T 4 | 0 52 54 | 11°33'56 | 3≈17 | 28°44 | 20° 3 | 24°19 | 2°24 | 21°18 | 21°54 | 18°26 | 4°24 | 28°10 | 28°26 | 13°31 | 29° 3 | T 4 |
| W 5 | 0 56 50 | 12°32'15 | 15°38 | 0 M .18 | 21°17 | 24°50 | 2°34 | 21°26 | 21°54 | 18°28 | 4°26 | 28° 6 | 28°23 | 13°38 | 29° 1 | W 5 |
| T 6 | 1 0 47 | 13°30'36 | 27°48 | 1°50 | 22°31 | 25°22 | 2°45 | 21°33 | 21°53 | 18°29 | 4°28 | 27°59 | 28°20 | 13°44 | 28°59 | T 6 |
| F 7 | 1 4 44 | 14°28'58 | 9 米 50 | 3°21 | 23°46 | 25°54 | 2°55 | 21°41 | 21°53 | 18°30 | 4°30 | 27°49 | 28°16 | 13°51 | 28°57 | F 7 |
| S 8 | 1 8 40 | 15°27'22 | 21°48 | 4°52 | 25° 0 | 26°26 | 3° 6 | 21°48 | 21°52 | 18°31 | 4°32 | 27°38 | 28°13 | 13°58 | 28°55 | S 8 |
| S 9 | 1 12 37 | 16°25'47 | 3 ℃ 42 | 6°21 | 26°14 | 26°58 | 3°17 | 21°56 | 21°52 | 18°32 | 4°34 | 27°25 | 28°10 | 14° 5 | 28°54 | S 9 |
| M10 | 1 16 33 | 17°24'15 | 15°34 | 7°49 | 27°29 | 27°31 | 3°28 | 22° 3 | 21°51 | 18°34 | 4°36 | 27°12 | 28° 7 | 14°11 | 28°52 | M10 |
| T 11 | 1 20 30 | 18°22'44 | 27°27 | 9°16 | 28°43 | 28° 4 | 3°39 | 22°10 | 21°50 | 18°35 | 4°38 | 27° 0 | 28° 4 | 14°18 | 28°50 | T 11 |
| W12 | 1 24 26 | 19°21'15 | 9820 | 10°42 | 29°58 | 28°38 | 3°50 | 22°18 | 21°50 | 18°36 | 4°40 | 26°49 | 28° 1 | 14°25 | 28°49 | W12 |
| T 13 | 1 28 23 | 20°19'48 | 21°17 | 12° 6 | 1 M .12 | 29°11 | 4° 1 | 22°25 | 21°49 | 18°38 | 4°42 | 26°41 | 27°57 | 14°31 | 28°47 | T 13 |
| F 14 | 1 32 19 | 21°18'23 | 3 Ⅱ 20 | 13°30 | 2°27 | 29°45 | 4°12 | 22°33 | 21°48 | 18°39 | 4°44 | 26°36 | 27°54 | 14°38 | 28°45 | F 14 |
| S 15 | 1 36 16 | 22°17'00 | 15°30 | 14°52 | 3°41 | 0≈20 | 4°23 | 22°40 | 21°47 | 18°40 | 4°46 | 26°34 | 27°51 | 14°45 | 28°44 | S 15 |
| S 16 | 1 40 12 | 23°15'39 | 27°53 | 16°13 | 4°55 | 0°54 | 4°34 | 22°48 | 21°46 | 18°42 | 4°48 | 26°D33 | 27°48 | 14°52 | 28°43 | S 16 |
| M17 | 1 44 9 | 24°14'20 | 10931 | 17°33 | 6°10 | 1°29 | 4°46 | 22°55 | 21°45 | 18°43 | 4°50 | 26°34 | 27°45 | 14°58 | 28°41 | M17 |
| T 18 | 1 48 6 | 25°13'04 | 23°29 | 18°51 | 7°24 | 2° 4 | 4°57 | 23° 3 | 21°44 | 18°45 | 4°52 | 26°R34 | 27°41 | 15° 5 | 28°40 | T 18 |
| W19 | 1 52 2 | 26°11'50 | 6 Ω 51 | 20° 8 | 8°39 | 2°39 | 5° 9 | 23°10 | 21°43 | 18°46 | 4°55 | 26°34 | 27°38 | 15°12 | 28°39 | W19 |
| T 20 | 1 55 59 | 27°10'37 | 20°39 | 21°24 | 9°53 | 3°15 | 5°20 | 23°18 | 21°42 | 18°48 | 4°56 | 26°31 | 27°35 | 15°18 | 28°38 | T 20 |
| F 21 | 1 59 55 | 28° 9'27 | 4 Mp 55 | 22°38 | 11° 8 | 3°50 | 5°32 | 23°25 | 21°41 | 18°49 | 4°58 | 26°27 | 27°32 | 15°25 | 28°36 | F 21 |
| S 22 | 2 3 52 | 29° 8'19 | 19°37 | 23°51 | 12°22 | 4°26 | 5°43 | 23°33 | 21°40 | 18°51 | 5° 0 | 26°20 | 27°29 | 15°32 | 28°35 | S 22 |
| S 23 | 2 7 48 | 0 M 7'14 | 4 ≏ 39 | 25° 2 | 13°37 | 5° 2 | 5°55 | 23°40 | 21°38 | 18°53 | 5° 2 | 26°12 | 27°26 | 15°39 | 28°34 | S 23 |
| M24 | 2 11 45 | 1° 6'10 | 19°53 | 26°11 | 14°51 | 5°39 | 6° 7 | 23°48 | 21°37 | 18°54 | 5° 4 | 26° 3 | 27°22 | 15°45 | 28°34 | M24 |
| T 25 | 2 15 41 | 2° 5'08 | 5 M 8 | 27°18 | 16° 5 | 6°16 | 6°19 | 23°55 | 21°36 | 18°56 | 5° 6 | 25°55 | 27°19 | 15°52 | 28°33 | T 25 |
| W26 | 2 19 38 | 3° 4'09 | 20°14 | 28°23 | 17°20 | 6°53 | 6°31 | 24° 3 | 21°34 | 18°58 | 5° 8 | 25°49 | 27°16 | 15°59 | 28°32 | W26 |
| T 27 | 2 23 35 | 4° 3'11 | 5 ×7 0 | 29°26 | 18°34 | 7°30 | 6°43 | 24°10 | 21°33 | 18°59 | 5°10 | 25°45 | 27°13 | 16° 5 | 28°31 | T 27 |
| F 28 | 2 27 31 | 5° 2'15 | 19°22 | 0 ₹ 26 | 19°49 | 8° 7 | 6°55 | 24°18 | 21°31 | 19° 1 | 5°12 | 25°D43 | 27°10 | 16°12 | 28°31 | F 28 |
| S 29 | 2 31 28 | 6° 1'21 | 3 ට 15 | 1°24 | 21° 3 | 8°44 | 7° 7 | 24°25 | 21°30 | 19° 3 | 5°14 | 25°43 | 27° 7 | 16°19 | 28°30 | S 29 |
| S 30 | 2 35 24 | 7° 0'29 | 16°40 | 2°19 | 22°18 | 9°22 | 7°19 | 24°33 | 21°28 | 19° 5 | 5°16 | 25°45 | 27° 3 | 16°26 | 28°29 | S 30 |
| M31 | 2 39 21 | 7 11 L59'38 | 29 궁 40 | 3 √ 11 | 23 M 32 | 10≈ 0 | 7 .₹ 31 | 24 ≏ 40 | 21 Ⅱ 27 | 19 ⋌ 6 | 5 ≏ 18 | 25 Ⅱ 46 | 27耳 0 | 16 Y 32 | 28≈29 | M31 |

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| T 1 | 2 43 17 | 8ML58'49 | 12≈18 | 3 √ 59 | 24 M 47 | 10≈38 | 7 ,₹ 44 | 24 <u>₽</u> 47 | 21°R25 | 19 .7 8 | 5 ₽ 19 | 25°R46 | 26耳57 | 16 Y 39 | 28°R29 | T 1 |
| W 2 | 2 47 14 | 9°58'01 | 24°38 | 4°44 | 26° 1 | 11°17 | 7°56 | 24°55 | 21 II 23 | 19°10 | 5°21 | 25 Ⅱ 45 | 26°54 | 16°46 | 28≈28 | W 2 |
| T 3 | 2 51 10 | 10°57'16 | 6) €45 | 5°24 | 27°16 | 11°55 | 8° 8 | 25° 2 | 21°22 | 19°12 | 5°23 | 25°41 | 26°51 | 16°52 | 28°28 | T 3 |
| F 4 | 2 55 7 | 11°56'31 | 18°44 | 6° 0 | 28°30 | 12°34 | 8°21 | 25° 9 | 21°20 | 19°14 | 5°25 | 25°36 | 26°47 | 16°59 | 28°28 | F 4 |
| S 5 | 2 59 4 | 12°55'49 | 0 Υ 38 | 6°31 | 29°45 | 13°13 | 8°33 | 25°17 | 21°18 | 19°16 | 5°27 | 25°29 | 26°44 | 17° 6 | 28°28 | S 5 |
| S 6 | 3 3 0 | 13°55'09 | 12°29 | 6°57 | 0 才 59 | 13°52 | 8°46 | 25°24 | 21°16 | 19°17 | 5°28 | 25°22 | 26°41 | 17°13 | 28°D28 | S 6 |
| M 7 | 3 6 57 | 14°54'30 | 24°22 | 7°17 | 2°13 | 14°31 | 8°58 | 25°31 | 21°15 | 19°19 | 5°30 | 25°14 | 26°38 | 17°19 | 28°28 | M 7 |
| T 8 | 3 10 53 | 15°53'53 | 6 8 17 | 7°31 | 3°28 | 15°10 | 9°11 | 25°38 | 21°13 | 19°21 | 5°32 | 25° 6 | 26°35 | 17°26 | 28°28 | T 8 |
| W 9 | 3 14 50 | 16°53'18 | 18°17 | 7°R37 | 4°42 | 15°50 | 9°23 | 25°45 | 21°11 | 19°23 | 5°34 | 25° 0 | 26°32 | 17°33 | 28°28 | W 9 |
| T 10 | 3 18 46 | 17°52'45 | 0П23 | 7°36 | 5°57 | 16°29 | 9°36 | 25°53 | 21° 9 | 19°25 | 5°35 | 24°56 | 26°28 | 17°39 | 28°28 | T 10 |
| F 11 | 3 22 43 | 18°52'14 | 12°36 | 7°28 | 7°11 | 17° 9 | 9°49 | 26° 0 | 21° 7 | 19°27 | 5°37 | 24°53 | 26°25 | 17°46 | 28°28 | F 11 |
| S 12 | 3 26 39 | 19°51'46 | 24°59 | 7°10 | 8°26 | 17°49 | 10° 1 | 26° 7 | 21° 5 | 19°29 | 5°38 | 24°D52 | 26°22 | 17°53 | 28°29 | S 12 |
| S 13 | 3 30 36 | 20°51'19 | 7932 | 6°45 | 9°40 | 18°29 | 10°14 | 26°14 | 21° 3 | 19°31 | 5°40 | 24°53 | 26°19 | 18° 0 | 28°29 | S 13 |
| M14 | 3 34 33 | 21°50'55 | 20°19 | 6°10 | 10°55 | 19° 9 | 10°27 | 26°21 | 21° 1 | 19°33 | 5°42 | 24°55 | 26°16 | 18° 6 | 28°30 | M14 |
| T 15 | 3 38 29 | 22°50'32 | 3 Ω 22 | 5°26 | 12° 9 | 19°49 | 10°40 | 26°28 | 20°59 | 19°35 | 5°43 | 24°56 | 26°13 | 18°13 | 28°30 | T 15 |
| W16 | 3 42 26 | 23°50'12 | 16°44 | 4°34 | 13°23 | 20°30 | 10°53 | 26°35 | 20°57 | 19°37 | 5°45 | 24°57 | 26° 9 | 18°20 | 28°31 | W16 |
| T 17 | 3 46 22 | 24°49'54 | 0 m 26 | 3°34 | 14°38 | 21°10 | 11° 5 | 26°42 | 20°54 | 19°39 | 5°46 | 24°R57 | 26° 6 | 18°26 | 28°32 | T 17 |
| F 18 | 3 50 19 | 25°49'39 | 14°30 | 2°28 | 15°52 | 21°51 | 11°18 | 26°49 | 20°52 | 19°42 | 5°48 | 24°56 | 26° 3 | 18°33 | 28°32 | F 18 |
| S 19 | 3 54 15 | 26°49'25 | 28°54 | 1°16 | 17° 7 | 22°32 | 11°31 | 26°56 | 20°50 | 19°44 | 5°49 | 24°54 | 26° 0 | 18°40 | 28°33 | S 19 |
| S 20 | 3 58 12 | 27°49'14 | 13 ≏ 36 | 0° 0 | 18°21 | 23°13 | 11°44 | 27° 2 | 20°48 | 19°46 | 5°51 | 24°50 | 25°57 | 18°47 | 28°34 | S 20 |
| M21 | 4 2 8 | 28°49'04 | 28°30 | 28 M .43 | 19°36 | 23°54 | 11°57 | 27° 9 | 20°45 | 19°48 | 5°52 | 24°46 | 25°53 | 18°53 | 28°35 | M21 |
| T 22 | 4 6 5 | 29°48'57 | 13 M 27 | 27°27 | 20°50 | 24°35 | 12°10 | 27°16 | 20°43 | 19°50 | 5°54 | 24°43 | 25°50 | 19° 0 | 28°36 | T 22 |
| W23 | 4 10 2 | 0 ₮ 48'52 | 28°20 | 26°14 | 22° 5 | 25°16 | 12°23 | 27°23 | 20°41 | 19°52 | 5°55 | 24°40 | 25°47 | 19° 7 | 28°37 | W23 |
| T 24 | 4 13 58 | 1°48'49 | 13 × 1 | 25° 7 | 23°19 | 25°58 | 12°37 | 27°29 | 20°39 | 19°54 | 5°56 | 24°39 | 25°44 | 19°13 | 28°38 | T 24 |
| F 25 | 4 17 55 | 2°48'47 | 2 <u>7</u> °21 | 24° 8 | 24°34 | 26°39 | 12°50 | 27°36 | 20°36 | 19°56 | 5°58 | 24°D38 | 25°41 | 19°20 | 28°39 | F 25 |
| S 26 | 4 21 51 | 3°48'47 | 11 る 18 | 23°17 | 25°48 | 27°21 | 13° 3 | 27°43 | 20°34 | 19°59 | 5°59 | 24°39 | 25°38 | 19°27 | 28°41 | S 26 |
| S 27 | 4 25 48 | 4°48'49 | 24°49 | 22°38 | 27° 2 | 28° 3 | 13°16 | 27°49 | 20°32 | 20° 1 | 6° 0 | 24°40 | 25°34 | 19°34 | 28°42 | S 27 |
| M28 | 4 29 44 | 5°48'52 | 7≈55 | 22° 9 | 28°17 | 28°45 | 13°29 | 27°56 | 20°29 | 20° 3 | 6° 2 | 24°42 | 25°31 | 19°40 | 28°44 | M28 |
| T 29 | 4 33 41 | 6°48'57 | 20°38 | 21°53 | 29°31 | 29°27 | 13°42 | 28° 2 | 20°27 | 20° 5 | 6° 3 | 24°43 | 25°28 | 19°47 | 28°45 | T 29 |
| W30 | 4 37 37 | 7 √ 49'04 | 3 ∺ 2 | 21°D47 | 0 궁 46 | 0 ∺ 9 | 13 ₹ 55 | 28 ₾ 8 | 20∏24 | 20 ∡ 7 | 6 ♀ 4 | 24°R44 | 25∏25 | 19 Ƴ 54 | 28≈47 | W30 |

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| T 1 | 4 41 34 | 8 .7 49'11 | 15 米 11 | 21 M 53 | 2号 0 | 0 ∺ 51 | 14 才 9 | 28 ₾ 15 | 20°R22 | 20 × 10 | 6 ₽ 5 | 24°R44 | 25Ⅲ22 | 20 Y 0 | 28≈48 | T 1 |
| F 2 | 4 45 31 | 9°49'20 | 27°10 | 22°10 | 3°15 | 1°33 | 14°22 | 28°21 | 20Ⅱ19 | 20°12 | 6° 6 | 24∏43 | 25°19 | 20° 7 | 28°50 | F 2 |
| S 3 | 4 49 27 | 10°49'31 | 9 Υ 3 | 22°36 | 4°29 | 2°15 | 14°35 | 28°27 | 20°17 | 20°14 | 6° 8 | 24°41 | 25°15 | 20°14 | 28°52 | S 3 |
| S 4 | 4 53 24 | 11°49'43 | 20°54 | 23°12 | 5°43 | 2°58 | 14°48 | 28°33 | 20°15 | 20°16 | 6° 9 | 24°40 | 25°12 | 20°21 | 28°53 | S 4 |
| M 5 | 4 57 20 | 12°49'57 | 2 8 48 | 23°55 | 6°58 | 3°40 | 15° 1 | 28°39 | 20°12 | 20°19 | 6°10 | 24°38 | 25° 9 | 20°27 | 28°55 | M 5 |
| T 6 | 5 1 17 | 13°50'12 | 14°47 | 24°46 | 8°12 | 4°23 | 15°15 | 28°45 | 20°10 | 20°21 | 6°11 | 24°36 | 25° 6 | 20°34 | 28°57 | T 6 |
| W 7 | 5 5 13 | 14°50'29 | 26°55 | 25°43 | 9°27 | 5° 5 | 15°28 | 28°51 | 20° 7 | 20°23 | 6°12 | 24°35 | 25° 3 | 20°41 | 28°59 | W 7 |
| T 8 | 5 9 10 | 15°50'47 | 9∏12 | 26°45 | 10°41 | 5°48 | 15°41 | 28°57 | 20° 5 | 20°25 | 6°13 | 24°34 | 24°59 | 20°47 | 29° 1 | T 8 |
| F 9 | 5 13 6 | 16°51'07 | 21°40 | 27°53 | 11°55 | 6°31 | 15°54 | 29° 3 | 20° 2 | 20°28 | 6°14 | 24°D33 | 24°56 | 20°54 | 29° 3 | F 9 |
| S 10 | 5 17 3 | 17°51'28 | 49521 | 29° 4 | 13°10 | 7°14 | 16° 7 | 29° 9 | 20° 0 | 20°30 | 6°15 | 24°34 | 24°53 | 21° 1 | 29° 5 | S 10 |
| S 11 | 5 21 0 | 18°51'51 | 17°15 | 0 ₮ 20 | 14°24 | 7°57 | 16°21 | 29°15 | 19°57 | 20°32 | 6°16 | 24°34 | 24°50 | 21° 7 | 29° 8 | S 11 |
| M12 | 5 24 56 | 19°52'16 | 0 Ω 21 | 1°38 | 15°38 | 8°40 | 16°34 | 29°20 | 19°55 | 20°34 | 6°16 | 24°34 | 24°47 | 21°14 | 29°10 | M12 |
| T 13 | 5 28 53 | 20°52'42 | 13°41 | 2°59 | 16°53 | 9°23 | 16°47 | 29°26 | 19°52 | 20°37 | 6°17 | 24°35 | 24°44 | 21°21 | 29°12 | T 13 |
| W14 | 5 32 49 | 21°53'10 | 27°15 | 4°21 | 18° 7 | 10° 6 | 17° 0 | 29°32 | 19°50 | 20°39 | 6°18 | 24°35 | 24°40 | 21°28 | 29°15 | W14 |
| T 15 | 5 36 46 | 22°53'40 | 11 Mg 1 | 5°46 | 19°21 | 10°49 | 17°14 | 29°37 | 19°47 | 20°41 | 6°19 | 24°35 | 24°37 | 21°34 | 29°17 | T 15 |
| F 16 | 5 40 42 | 23°54'12 | 25° 1 | 7°13 | 20°36 | 11°32 | 17°27 | 29°43 | 19°45 | 20°43 | 6°20 | 24°R35 | 24°34 | 21°41 | 29°20 | F 16 |
| S 17 | 5 44 39 | 24°54'45 | 9 ≏ 12 | 8°40 | 21°50 | 12°15 | 17°40 | 29°48 | 19°42 | 20°46 | 6°20 | 24°D35 | 24°31 | 21°48 | 29°22 | S 17 |
| S 18 | 5 48 36 | 25°55'20 | 23°32 | 10° 9 | 23° 4 | 12°59 | 17°53 | 29°53 | 19°40 | 20°48 | 6°21 | 24°35 | 24°28 | 21°54 | 29°25 | S 18 |
| M19 | 5 52 32 | 26°55'56 | 7 M 59 | 11°38 | 24°19 | 13°42 | 18° 6 | 29°58 | 19°37 | 20°50 | 6°22 | 24°36 | 24°25 | 22° 1 | 29°27 | M19 |
| T 20 | 5 56 29 | 27°56'35 | 22°29 | 13° 9 | 25°33 | 14°25 | 18°19 | 0 M 4 | 19°35 | 20°52 | 6°22 | 24°36 | 24°21 | 22° 8 | 29°30 | T 20 |
| W21 | 6 0 25 | 28°57'15 | 6 ₹ 56 | 14°40 | 26°47 | 15° 9 | 18°33 | 0° 9 | 19°32 | 20°55 | 6°23 | 24°36 | 24°18 | 22°15 | 29°33 | W21 |
| T 22 | 6 4 22 | 29°57'56 | 21°15 | 16°11 | 28° 1 | 15°52 | 18°46 | 0°14 | 19°30 | 20°57 | 6°23 | 24°R36 | 24°15 | 22°21 | 29°36 | T 22 |
| F 23 | 6 8 18 | 0중58'38 | 5 る 20 | 17°43 | 29°16 | 16°36 | 18°59 | 0°18 | 19°27 | 20°59 | 6°24 | 24°36 | 24°12 | 22°28 | 29°39 | F 23 |
| S 24 | 6 12 15 | 1°59'22 | 19° 8 | 19°15 | 0≈30 | 17°19 | 19°12 | 0°23 | 19°25 | 21° 1 | 6°24 | 24°36 | 24° 9 | 22°35 | 29°42 | S 24 |
| S 25 | 6 16 11 | 3° 0'07 | 2≈36 | 20°47 | 1°44 | 18° 3 | 19°25 | 0°28 | 19°22 | 21° 3 | 6°25 | 24°35 | 24° 5 | 22°41 | 29°45 | S 25 |
| M26 | 6 20 8 | 4° 0'53 | 15°43 | 22°20 | 2°58 | 18°47 | 19°38 | 0°33 | 19°20 | 21° 6 | 6°25 | 24°34 | 24° 2 | 22°48 | 29°48 | M26 |
| T 27 | 6 24 5 | 5° 1'40 | 28°29 | 23°52 | 4°13 | 19°31 | 19°51 | 0°37 | 19°18 | 21° 8 | 6°26 | 24°32 | 23°59 | 22°55 | 29°51 | T 27 |
| W28 | 6 28 1 | 6° 2'27 | 10 ¥ 56 | 25°25 | 5°27 | 20°14 | 20° 4 | 0°42 | 19°15 | 21°10 | 6°26 | 24°31 | 23°56 | 23° 2 | 29°54 | W28 |
| T 29 | 6 31 58 | 7° 3'16 | 23° 8 | 26°58 | 6°41 | 20°58 | 20°17 | 0°46 | 19°13 | 21°12 | 6°26 | 24°30 | 23°53 | 23° 8 | 29°57 | T 29 |
| F 30 | 6 35 54 | <u>8°</u> 4'05 | 5 Υ 8 | 28°31 | 7°55 | 21°42 | 20°30 | 0°51 | 19°11 | 21°14 | 6°27 | 24°D30 | 23°50 | 23°15 | 0 米 0 | F 30 |
| S 31 | 6 39 51 | 9る 4'55 | 17 Y 2 | 0 ප 4 | 9≈ 9 | 22 米 26 | 20 ∡ 143 | 0 M .55 | 19 I I 8 | 21 × 17 | 6 ₽ 27 | 24 II 30 | 23 Ⅱ 46 | 23 Y 22 | 0) 4 | S 31 |

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|------|---------|----------|----------------|---------------|----------------|----------------|-----------------|----------------|-----------------|----------------|---------------|-----------------|----------------|----------------|--------------|------|
| S 1 | 6 43 47 | 10ට 5'46 | 28 Y 53 | 1 る 38 | 10≈23 | 23 米 10 | 20 ∡ 156 | 0 M .59 | 19°R 6 | 21 ~ 19 | 6 ₽ 27 | 24耳31 | 23∏43 | 23 Y 28 | 0 ∺ 7 | S 1 |
| M 2 | 6 47 44 | 11° 6'37 | 10847 | 3°11 | 11°38 | 23°54 | 21° 9 | 1° 3 | 19Ⅱ 4 | 21°21 | 6°27 | 24°32 | 23°40 | 23°35 | 0°10 | M 2 |
| T 3 | 6 51 40 | 12° 7'29 | 22°48 | 4°44 | 12°52 | 24°38 | 21°22 | 1° 7 | 19° 1 | 21°23 | 6°28 | 24°33 | 23°37 | 23°42 | 0°14 | T 3 |
| W 4 | 6 55 37 | 13° 8'22 | 5 I 1 | 6°18 | 14° 6 | 25°21 | 21°34 | 1°11 | 18°59 | 21°25 | 6°28 | 24°35 | 23°34 | 23°48 | 0°17 | W 4 |
| T 5 | 6 59 34 | 14° 9'16 | 17°28 | 7°51 | 15°20 | 26° 5 | 21°47 | 1°15 | 18°57 | 21°27 | 6°28 | 24°36 | 23°31 | 23°55 | 0°21 | T 5 |
| F 6 | 7 3 30 | 15°10'10 | 09911 | 9°25 | 16°34 | 26°49 | 22° 0 | 1°18 | 18°55 | 21°29 | 6°28 | 24°R36 | 23°27 | 24° 2 | 0°24 | F 6 |
| S 7 | 7 7 27 | 16°11'05 | 13°11 | 10°58 | 17°48 | 27°33 | 22°13 | 1°22 | 18°53 | 21°31 | 6°28 | 24°35 | 23°24 | 24° 9 | 0°28 | S 7 |
| S 8 | 7 11 23 | 17°12'01 | 26°29 | 12°32 | 19° 2 | 28°18 | 22°25 | 1°26 | 18°50 | 21°34 | 6°R28 | 24°33 | 23°21 | 24°15 | 0°31 | S 8 |
| M 9 | 7 15 20 | 18°12'57 | 10Ω 2 | 14° 6 | 20°16 | 29° 2 | 22°38 | 1°29 | 18°48 | 21°36 | 6°28 | 24°29 | 23°18 | 24°22 | 0°35 | M 9 |
| T 10 | 7 19 16 | 19°13'55 | 23°49 | 15°40 | 21°29 | 29°46 | 22°50 | 1°32 | 18°46 | 21°38 | 6°28 | 24°26 | 23°15 | 24°29 | 0°39 | T 10 |
| W11 | 7 23 13 | 20°14'53 | 7 ™ 47 | 17°14 | 22°43 | 0 Υ 30 | 23° 3 | 1°36 | 18°44 | 21°40 | 6°28 | 24°22 | 23°11 | 24°35 | 0°42 | W11 |
| T 12 | 7 27 10 | 21°15'52 | 21°51 | 18°49 | 23°57 | 1°14 | 23°15 | 1°39 | 18°42 | 21°42 | 6°28 | 24°18 | 23° 8 | 24°42 | 0°46 | T 12 |
| F 13 | 7 31 6 | 22°16'51 | 6 ₽ 0 | 20°23 | 25°11 | 1°58 | 23°28 | 1°42 | 18°40 | 21°44 | 6°27 | 24°16 | 23° 5 | 24°49 | 0°50 | F 13 |
| S 14 | 7 35 3 | 23°17'52 | 20°10 | 21°58 | 26°25 | 2°42 | 23°40 | 1°45 | 18°38 | 21°46 | 6°27 | 24°D15 | 23° 2 | 24°55 | 0°54 | S 14 |
| S 15 | 7 38 59 | 24°18'53 | 4 M .19 | 23°33 | 27°38 | 3°26 | 23°53 | 1°48 | 18°36 | 21°48 | 6°27 | 24°15 | 22°59 | 25° 2 | 0°58 | S 15 |
| M16 | 7 42 56 | 25°19'56 | 18°26 | 25° 8 | 28°52 | 4°10 | 24° 5 | 1°50 | 18°35 | 21°50 | 6°27 | 24°17 | 22°56 | 25° 9 | 1° 2 | M16 |
| T 17 | 7 46 52 | 26°20'59 | 2 ₹ 29 | 26°43 | 0 ∀ 6 | 4°54 | 24°17 | 1°53 | 18°33 | 21°52 | 6°27 | 24°18 | 22°52 | 25°16 | 1° 6 | T 17 |
| W18 | 7 50 49 | 27°22'03 | 16°27 | 28°19 | 1°19 | 5°39 | 24°29 | 1°56 | 18°31 | 21°54 | 6°26 | 24°20 | 22°49 | 25°22 | 1°10 | W18 |
| T 19 | 7 54 45 | 28°23'07 | 0 궁 17 | 29°55 | 2°33 | 6°23 | 24°41 | 1°58 | 18°29 | 21°55 | 6°26 | 24°R20 | 22°46 | 25°29 | 1°14 | T 19 |
| F 20 | 7 58 42 | 29°24'12 | 13°57 | 1≈31 | 3°47 | 7° 7 | 24°54 | 2° 0 | 18°27 | 21°57 | 6°25 | 24°18 | 22°43 | 25°36 | 1°18 | F 20 |
| S 21 | 8 2 39 | 0≈25'17 | 27°25 | 3° 7 | 5° 0 | 7°51 | 25° 6 | 2° 3 | 18°26 | 21°59 | 6°25 | 24°15 | 22°40 | 25°42 | 1°22 | S 21 |
| S 22 | 8 6 3 5 | 1°26'23 | 10≈39 | 4°44 | 6°14 | 8°35 | 25°17 | 2° 5 | 18°24 | 22° 1 | 6°25 | 24° 9 | 22°37 | 25°49 | 1°26 | S 22 |
| M23 | 8 10 32 | 2°27'28 | 23°37 | 6°21 | 7°27 | 9°19 | 25°29 | 2° 7 | 18°22 | 22° 3 | 6°24 | 24° 3 | 22°33 | 25°56 | 1°30 | M23 |
| T 24 | 8 14 28 | 3°28'34 | 6) €18 | 7°59 | 8°41 | 10° 4 | 25°41 | 2° 9 | 18°21 | 22° 5 | 6°24 | 23°55 | 22°30 | 26° 2 | 1°34 | T 24 |
| W25 | 8 18 25 | 4°29'40 | 18°44 | 9°36 | 9°54 | 10°48 | 25°53 | 2°11 | 18°19 | 22° 7 | 6°23 | 23°48 | 22°27 | 26° 9 | 1°38 | W25 |
| T 26 | 8 22 21 | 5°30'45 | 0 Υ 55 | 11°14 | 11° 7 | 11°32 | 26° 5 | 2°12 | 18°18 | 22° 8 | 6°23 | 23°41 | 22°24 | 26°16 | 1°42 | T 26 |
| F 27 | 8 26 18 | 6°31'51 | 12°56 | 12°52 | 12°20 | 12°16 | 26°16 | 2°14 | 18°16 | 22°10 | 6°22 | 23°37 | 22°21 | 26°23 | 1°47 | F 27 |
| S 28 | 8 30 14 | 7°32'56 | 24°49 | 14°31 | 13°34 | 13° 0 | 26°28 | 2°16 | 18°15 | 22°12 | 6°21 | 23°34 | 22°17 | 26°29 | 1°51 | S 28 |
| S 29 | 8 34 11 | 8°34'01 | 6 8 39 | 16°10 | 14°47 | 13°44 | 26°39 | 2°17 | 18°14 | 22°13 | 6°21 | 23°D32 | 22°14 | 26°36 | 1°55 | S 29 |
| M30 | 8 38 8 | 9°35'06 | 18°31 | 17°49 | 16° 0 | 14°29 | 26°51 | 2°18 | 18°12 | 22°15 | 6°20 | 23°33 | 22°11 | 26°43 | 2° 0 | M30 |
| T 31 | 8 42 4 | 10≈36′10 | 0 Ⅱ 31 | 19≈28 | 17) 13 | 15 ℃ 13 | 27 ×7 2 | 2 M .19 | 18 I I11 | 22 × 17 | 6 ₽ 19 | 23 II 34 | 22 II 8 | 26 Y 49 | 2 ∺ 4 | T 31 |

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| W 1 | 8 46 1 | 11≈37'15 | 12 ∏ 44 | 21 ≈ 7 | 18) (26 | 15 Y 57 | 27 × 13 | 2 M 21 | 18°R10 | 22×18 | 6°R19 | 23Д36 | 22 II 5 | 2 6Υ56 | 2 H 8 | W 1 |
| T 2 | 8 49 57 | 12°38'19 | 25°14 | 22°47 | 19°39 | 16°41 | 27°24 | 2°22 | 18 I I 9 | 22°20 | 6 <u>Ω</u> 18 | 23°R36 | 22° 2 | 20 T 30 27° 3 | 2°13 | T 2 |
| F 3 | 8 53 54 | 13°39'22 | 895 5 | 24°26 | 20°52 | 17°25 | 27°36 | 2°22 | 18° 8 | 22°22 | 6°17 | 23°35 | 21°58 | 27° 9 | 2°17 | F 3 |
| S 4 | 8 57 50 | 14°40'25 | 21°19 | 26° 5 | 22° 4 | 18° 9 | 27°47 | 2°23 | 18° 7 | 22°23 | 6°16 | 23°32 | 21°55 | 27°16 | 2°21 | S 4 |
| S 5 | 9 1 47 | 15°41'28 | 4 Ω 57 | 27°45 | 23°17 | 18°53 | 27°57 | 2°24 | 18° 5 | 22°25 | 6°15 | 23°26 | 21°52 | 27°23 | 2°26 | S 5 |
| M 6 | 9 5 43 | 16°42'30 | 18°55 | 29°24 | 24°30 | 19°37 | 28° 8 | 2°24 | 18° 5 | 22°26 | 6°14 | 23°18 | 21°49 | 27°30 | 2°30 | M 6 |
| T 7 | 9 9 40 | 17°43'32 | 3 m 11 | 1) € 2 | 25°42 | 20°21 | 28°19 | 2°25 | 18° 4 | 22°28 | 6°14 | 23° 9 | 21°46 | 27°36 | 2°35 | T 7 |
| W 8 | 9 13 37 | 18°44'34 | 17°39 | 2°40 | 26°55 | 21° 5 | 28°30 | 2°25 | 18° 3 | 22°29 | 6°13 | 23° 0 | 21°43 | 27°43 | 2°39 | W 8 |
| T 9 | 9 17 33 | 19°45'35 | 2 ≏ 11 | 4°17 | 28° 7 | 21°50 | 28°40 | 2°25 | 18° 2 | 22°31 | 6°12 | 22°51 | 21°39 | 27°50 | 2°43 | T 9 |
| F 10 | 9 21 30 | 20°46'36 | 16°42 | 5°53 | 29°20 | 22°34 | 28°51 | 2°R25 | 18° 1 | 22°32 | 6°11 | 22°45 | 21°36 | 27°56 | 2°48 | F 10 |
| S 11 | 9 25 26 | 21°47'37 | 1 M 5 | 7°28 | 0 Υ 32 | 23°18 | 29° 1 | 2°25 | 18° 0 | 22°33 | 6°10 | 22°40 | 21°33 | 28° 3 | 2°52 | S 11 |
| S 12 | 9 29 23 | 22°48'38 | 15°18 | 9° 1 | 1°44 | 24° 1 | 29°12 | 2°25 | 18° 0 | 22°35 | 6° 9 | 22°38 | 21°30 | 28°10 | 2°57 | S 12 |
| M13 | 9 33 19 | 23°49'39 | 29°19 | 10°31 | 2°56 | 24°45 | 29°22 | 2°25 | 17°59 | 22°36 | 6° 8 | 22°D38 | 21°27 | 28°16 | 3° 1 | M13 |
| T 14 | 9 37 16 | 24°50'39 | 13 ~ 8 | 12° 0 | 4° 8 | 25°29 | 29°32 | 2°25 | 17°58 | 22°37 | 6° 6 | 22°39 | 21°23 | 28°23 | 3° 6 | T 14 |
| W15 | 9 41 12 | 25°51'40 | 26°44 | 13°25 | 5°20 | 26°13 | 29°42 | 2°24 | 17°58 | 22°39 | 6° 5 | 22°R39 | 21°20 | 28°30 | 3°10 | W15 |
| T 16 | 9 45 9 | 26°52'40 | 10 궁 10 | 14°46 | 6°32 | 26°57 | 2 <u>9</u> °52 | 2°24 | 17°57 | 22°40 | 6° 4 | 22°38 | 21°17 | 28°37 | 3°15 | T 16 |
| F 17 | 9 49 6 | 27°53'39 | 23°24 | 16° 3 | 7°44 | 27°41 | 0중 2 | 2°23 | 17°57 | 22°41 | 6° 3 | 22°34 | 21°14 | 28°43 | 3°20 | F 17 |
| S 18 | 9 53 2 | 28°54'38 | 6≈28 | 17°16 | 8°55 | 28°25 | 0°11 | 2°22 | 17°57 | 22°42 | 6° 2 | 22°27 | 21°11 | 28°50 | 3°24 | S 18 |
| S 19 | 9 56 59 | 29°55'36 | 19°21 | 18°22 | 10° 7 | 29° 9 | 0°21 | 2°21 | 17°56 | 22°43 | 6° 1 | 22°17 | 21° 8 | 28°57 | 3°29 | S 19 |
| M20 | 10 0 55 | 0 ∺ 56'33 | 2) 2 | 19°22 | 11°18 | 29°53 | 0°30 | 2°21 | 17°56 | 22°44 | 6° 0 | 22° 5 | 21° 4 | 29° 3 | 3°33 | M20 |
| T 21 | 10 4 52 | 1°57'30 | 14°32 | 20°14 | 12°30 | 0 8 36 | 0°40 | 2°19 | 17°56 | 22°45 | 5°58 | 21°52 | 21° 1 | 29°10 | 3°38 | T 21 |
| W22 | 10 8 48 | 2°58'26 | 26°50 | 20°58 | 13°41 | 1°20 | 0°49 | 2°18 | 17°56 | 22°47 | 5°57 | 21°39 | 20°58 | 29°17 | 3°42 | W22 |
| T 23 | 10 12 45 | 3°59'20 | 8 Ƴ 57 | 21°33 | 14°52 | 2° 4 | 0°58 | 2°17 | 17°55 | 22°48 | 5°56 | 21°26 | 20°55 | 29°23 | 3°47 | T 23 |
| F 24 | 10 16 41 | 5° 0'14 | 20°55 | 21°59 | 16° 3 | 2°48 | 1° 7 | 2°16 | 17°55 | 22°48 | 5°54 | 21°16 | 20°52 | 29°30 | 3°51 | F 24 |
| S 25 | 10 20 38 | 6° 1'06 | 2846 | 22°13 | 17°14 | 3°31 | 1°16 | 2°14 | 17°D55 | 22°49 | 5°53 | 21° 9 | 20°48 | 29°37 | 3°56 | S 25 |
| S 26 | 10 24 35 | 7° 1'58 | 14°34 | 22°R18 | 18°25 | 4°15 | 1°25 | 2°12 | 17°55 | 22°50 | 5°52 | 21° 4 | 20°45 | 29°43 | 4° 0 | S 26 |
| M27 | 10 28 31 | 8° 2'48 | 26°25 | 22°11 | 19°36 | 4°59 | 1°34 | 2°11 | 17°56 | 22°51 | 5°51 | 21° 2 | 20°42 | 29°50 | 4° 5 | M27 |
| T 28 | 10 32 28 | 9 光 3'37 | 8 Ⅱ 22 | 21 米 53 | 20 Υ 46 | 5 8 43 | 1 る 42 | 2M 9 | 17 Ⅲ 56 | 22 × 52 | 5 Ω 49 | 21°D 1 | 20 Ⅲ 39 | 29 Y 57 | 4 ∺ 9 | T 28 |

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| W 1 | 10 36 24 | 10) 4'24 | 20耳31 | 21°R24 | 21 Y 57 | 6 8 26 | 1 ප 51 | 2°R 7 | 17耳56 | 22 × 33 | 5°R48 | 21°R 1 | 20耳36 | 08 4 | 4) (14 | W 1 |
| T 2 | 10 40 21 | 11° 5'10 | 2959 | 20) 45 | 23° 7 | 7°10 | 1°59 | 2M 5 | 17°56 | 22°54 | 5 ≏ 46 | 21 I 1 | 20°33 | 0°10 | 4°18 | T 2 |
| F 3 | 10 44 17 | 12° 5'55 | 15°49 | 19°56 | 24°17 | 7°53 | 2° 7 | 2° 3 | 17°56 | 22°54 | 5°45 | 20°59 | 20°29 | 0°17 | 4°23 | F 3 |
| S 4 | 10 48 14 | 13° 6'39 | 29° 5 | 19° 0 | 25°27 | 8°37 | 2°15 | 2° 1 | 17°57 | 22°55 | 5°44 | 20°54 | 20°26 | 0°24 | 4°27 | S 4 |
| S 5 | 10 52 10 | 14° 7'21 | 12 Ω 50 | 17°58 | 26°37 | 9°20 | 2°23 | 1°58 | 17°57 | 22°56 | 5°42 | 20°47 | 20°23 | 0°30 | 4°32 | S 5 |
| M 6 | 10 56 7 | 15° 8'01 | 27° 3 | 16°51 | 27°47 | 10° 4 | 2°31 | 1°56 | 17°58 | 22°57 | 5°41 | 20°37 | 20°20 | 0°37 | 4°36 | M 6 |
| T 7 | 11 0 4 | 16° 8'41 | 11 m 38 | 15°41 | 28°56 | 10°47 | 2°39 | 1°54 | 17°58 | 22°57 | 5°39 | 20°25 | 20°17 | 0°44 | 4°41 | T 7 |
| W 8 | 11 4 0 | 17° 9'18 | 26°30 | 14°31 | 0 8 6 | 11°31 | 2°46 | 1°51 | 17°59 | 22°58 | 5°38 | 20°13 | 20°14 | 0°50 | 4°45 | W 8 |
| T 9 | 11 7 57 | 18° 9'55 | 11 ≏ 30 | 13°21 | 1°15 | 12°14 | 2°53 | 1°48 | 17°59 | 22°58 | 5°36 | 20° 2 | 20°10 | 0°57 | 4°50 | T 9 |
| F 10 | 11 11 53 | 19°10'31 | 26°27 | 12°15 | 2°24 | 12°57 | 3° 1 | 1°46 | 18° 0 | 22°59 | 5°35 | 19°53 | 20° 7 | 1° 4 | 4°54 | F 10 |
| S 11 | 11 15 50 | 20°11'05 | 11 M .13 | 11°13 | 3°33 | 13°41 | 3° 8 | 1°43 | 18° 1 | 22°59 | 5°33 | 19°47 | 20° 4 | 1°10 | 4°59 | S 11 |
| S 12 | 11 19 46 | 21°11'38 | 25°42 | 10°16 | 4°42 | 14°24 | 3°15 | 1°40 | 18° 2 | 23° 0 | 5°32 | 19°43 | 20° 1 | 1°17 | 5° 3 | S 12 |
| M13 | 11 23 43 | 22°12'10 | 9 ₹ 52 | 9°26 | 5°50 | 15° 7 | 3°22 | 1°37 | 18° 2 | 23° 0 | 5°30 | 19°42 | 19°58 | 1°24 | 5° 7 | M13 |
| T 14 | 11 27 39 | 23°12'42 | 23°41 | 8°43 | 6°59 | 15°50 | 3°28 | 1°34 | 18° 3 | 23° 1 | 5°29 | 19°42 | 19°54 | 1°30 | 5°12 | T 14 |
| W15 | 11 31 36 | 24°13'12 | 7 궁 11 | 8° 7 | 8° 7 | 16°33 | 3°35 | 1°30 | 18° 4 | 23° 1 | 5°27 | 19°42 | 19°51 | 1°37 | 5°16 | W15 |
| T 16 | 11 35 33 | 25°13'41 | 20°23 | 7°38 | 9°15 | 17°17 | 3°41 | 1°27 | 18° 5 | 23° 1 | 5°26 | 19°40 | 19°48 | 1°44 | 5°21 | T 16 |
| F 17 | 11 39 29 | 26°14'08 | 3≈21 | 7°18 | 10°23 | 18° 0 | 3°47 | 1°24 | 18° 6 | 23° 2 | 5°24 | 19°35 | 19°45 | 1°51 | 5°25 | F 17 |
| S 18 | 11 43 26 | 27°14'34 | 16° 6 | 7° 4 | 11°31 | 18°43 | 3°54 | 1°20 | 18° 7 | 23° 2 | 5°22 | 19°28 | 19°42 | 1°57 | 5°29 | S 18 |
| S 19 | 11 47 22 | 28°14'59 | 28°40 | 6°D58 | 12°38 | 19°26 | 4° 0 | 1°17 | 18° 8 | 23° 2 | 5°21 | 19°18 | 19°39 | 2° 4 | 5°33 | S 19 |
| M20 | 11 51 19 | 29°15'23 | 11) 4 | 6°59 | 13°46 | 20° 9 | 4° 5 | 1°13 | 18°10 | 23° 2 | 5°19 | 19° 5 | 19°35 | 2°11 | 5°38 | M20 |
| T 21 | 11 55 15 | 0 Ƴ 15'45 | 23°19 | 7° 6 | 14°53 | 20°52 | 4°11 | 1°10 | 18°11 | 23° 2 | 5°18 | 18°51 | 19°32 | 2°17 | 5°42 | T 21 |
| W22 | 11 59 12 | 1°16'05 | 5 ℃ 26 | 7°20 | 16° 0 | 21°35 | 4°16 | 1° 6 | 18°12 | 23° 3 | 5°16 | 18°37 | 19°29 | 2°24 | 5°46 | W22 |
| T 23 | 12 3 8 | 2°16'24 | 17°25 | 7°39 | 17° 6 | 22°18 | 4°22 | 1° 2 | 18°13 | 23° 3 | 5°15 | 18°23 | 19°26 | 2°31 | 5°50 | T 23 |
| F 24 | 12 7 5 | 3°16'41 | 29°19 | 8° 3 | 18°13 | 23° 0 | 4°27 | 0°58 | 18°15 | 23° 3 | 5°13 | 18°12 | 19°23 | 2°37 | 5°54 | F 24 |
| S 25 | 12 11 1 | 4°16'56 | 118 8 | 8°33 | 19°19 | 23°43 | 4°32 | 0°55 | 18°16 | 23°R 3 | 5°11 | 18° 3 | 19°20 | 2°44 | 5°59 | S 25 |
| S 26 | 12 14 58 | 5°17'09 | 22°56 | 9° 7 | 20°25 | 24°26 | 4°37 | 0°51 | 18°18 | 23° 3 | 5°10 | 17°58 | 19°16 | 2°51 | 6° 3 | S 26 |
| M27 | 12 18 55 | 6°17'21 | 4 Ⅱ 45 | 9°46 | 21°31 | 25° 9 | 4°41 | 0°47 | 18°19 | 23° 3 | 5° 8 | 17°55 | 19°13 | 2°57 | 6° 7 | M27 |
| T 28 | 12 22 51 | 7°17'30 | 16°41 | 10°28 | 22°36 | 25°52 | 4°46 | 0°42 | 18°21 | 23° 3 | 5° 7 | 17°D54 | 19°10 | 3° 4 | 6°11 | T 28 |
| W29 | 12 26 48 | 8°17'38 | 28°48 | 11°15 | 23°41 | 26°34 | 4°50 | 0°38 | 18°22 | 23° 2 | 5° 5 | 17°54 | 19° 7 | 3°11 | 6°15 | W29 |
| T 30 | 12 30 44 | 9°17'44 | 119911 | 12° 4 | 24°46 | 27°17 | 4°54 | 0°34 | 18°24 | 23° 2 | 5° 4 | 17°R55 | 19° 4 | 3°17 | 6°19 | T 30 |
| F 31 | 12 34 41 | 10 ° 17'47 | 23957 | 12) 5 7 | 25 8 51 | 28 8 0 | 4 궁 58 | 0 M .30 | 18 Ⅱ 26 | 23 × 2 | 5 º 2 | 17 Ⅱ 54 | 19耳 0 | 3 8 24 | 6 ∺ 23 | F 31 |

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| S 1 | 12 38 37 | 11 Y 17'49 | 7 Ω 8 | 13 ¥ 53 | 26 8 55 | 28 8 42 | 5号 2 | 0°R26 | 18∏28 | 23°R 2 | 5°R 0 | 17°R51 | 18 Ⅱ 57 | 3 8 31 | 6 ∺ 27 | S 1 |
| S 2 | 12 42 34 | 12°17'48 | 20°49 | 14°52 | 27°59 | 29°25 | 5° 5 | 0 M 21 | 18°29 | 23 🗷 2 | 4 Ω 59 | 17 II 46 | 18°54 | 3°38 | 6°30 | S 2 |
| M 3 | 12 46 30 | 13°17'46 | 5Mp 0 | 15°54 | 29° 3 | 0耳 7 | 5° 9 | 0°17 | 18°31 | 23° 1 | 4°57 | 17°38 | 18°51 | 3°44 | 6°34 | M 3 |
| T 4 | 12 50 27 | 14°17'41 | 19°39 | 16°58 | 0 I 6 | 0°50 | 5°12 | 0°12 | 18°33 | 23° 1 | 4°56 | 17°29 | 18°48 | 3°51 | 6°38 | T 4 |
| W 5 | 12 54 24 | 15°17'34 | 4 ₽ 39 | 18° 5 | 1°10 | 1°32 | 5°15 | 0° 8 | 18°35 | 23° 1 | 4°54 | 17°19 | 18°45 | 3°58 | 6°42 | W 5 |
| T 6 | 12 58 20 | 16°17'26 | 19°52 | 19°13 | 2°12 | 2°15 | 5°18 | 0° 4 | 18°37 | 23° 0 | 4°53 | 17°10 | 18°41 | 4° 4 | 6°46 | T 6 |
| F 7 | 13 2 17 | 17°17'15 | 5 M 8 | 20°24 | 3°15 | 2°57 | 5°21 | 29 ჲ 59 | 18°39 | 23° 0 | 4°51 | 17° 2 | 18°38 | 4°11 | 6°49 | F 7 |
| S 8 | 13 6 13 | 18°17'03 | 20°14 | 21°37 | 4°17 | 3°39 | 5°23 | 29°54 | 18°41 | 23° 0 | 4°49 | 16°57 | 18°35 | 4°18 | 6°53 | S 8 |
| S 9 | 13 10 10 | 19°16'49 | 5 ₹ 3 | 22°52 | 5°19 | 4°21 | 5°26 | 29°50 | 18°43 | 22°59 | 4°48 | 16°55 | 18°32 | 4°24 | 6°57 | S 9 |
| M10 | 13 14 6 | 20°16'34 | 19°29 | 24° 8 | 6°20 | 5° 4 | 5°28 | 29°45 | 18°45 | 22°59 | 4°46 | 16°D54 | 18°29 | 4°31 | 7° 0 | M10 |
| T 11 | 13 18 3 | 21°16'17 | 3 る 30 | 25°26 | 7°21 | 5°46 | 5°30 | 29°41 | 18°48 | 22°58 | 4°45 | 16°55 | 18°25 | 4°38 | 7° 4 | T 11 |
| W12 | 13 21 59 | 22°15'58 | 17° 5 | 26°46 | 8°22 | 6°28 | 5°32 | 29°36 | 18°50 | 22°57 | 4°43 | 16°R56 | 18°22 | 4°44 | 7° 7 | W12 |
| T 13 | 13 25 56 | 23°15'38 | 0≈18 | 28° 8 | 9°22 | 7°10 | 5°33 | 29°31 | 18°52 | 22°57 | 4°42 | 16°55 | 18°19 | 4°51 | 7°11 | T 13 |
| F 14 | 13 29 53 | 24°15'16 | 13°10 | 29°31 | 10°21 | 7°52 | 5°35 | 29°27 | 18°54 | 22°56 | 4°40 | 16°53 | 18°16 | 4°58 | 7°14 | F 14 |
| S 15 | 13 33 49 | 25°14'52 | 25°46 | 0 Ƴ 56 | 11°21 | 8°34 | 5°36 | 29°22 | 18°57 | 22°56 | 4°39 | 16°49 | 18°13 | 5° 4 | 7°18 | S 15 |
| S 16 | 13 37 46 | 26°14'27 | 8 米 9 | 2°23 | 12°20 | 9°16 | 5°37 | 29°17 | 18°59 | 22°55 | 4°38 | 16°43 | 18°10 | 5°11 | 7°21 | S 16 |
| M17 | 13 41 42 | 27°14'00 | 20°20 | 3°50 | 13°18 | 9°58 | 5°38 | 29°13 | 19° 2 | 22°54 | 4°36 | 16°35 | 18° 6 | 5°18 | 7°24 | M17 |
| T 18 | 13 45 39 | 28°13'31 | 2 Υ 24 | 5°20 | 14°16 | 10°40 | 5°39 | 29° 8 | 19° 4 | 22°53 | 4°35 | 16°26 | 18° 3 | 5°24 | 7°28 | T 18 |
| W19 | 13 49 35 | 29°13'00 | 14°21 | 6°50 | 15°14 | 11°22 | 5°39 | 29° 3 | 19° 6 | 22°53 | 4°33 | 16°16 | 18° 0 | 5°31 | 7°31 | W19 |
| T 20 | 13 53 32 | 0812'27 | 26°14 | 8°23 | 16°10 | 12° 4 | 5°40 | 28°58 | 19° 9 | 22°52 | 4°32 | 16° 7 | 17°57 | 5°38 | 7°34 | T 20 |
| F 21 | 13 57 28 | 1°11'53 | 8 8 4 | 9°56 | 17° 7 | 12°46 | 5°R40 | 28°54 | 19°12 | 22°51 | 4°30 | 16° 0 | 17°54 | 5°44 | 7°37 | F 21 |
| S 22 | 14 1 25 | 2°11'16 | 19°52 | 11°31 | 18° 3 | 13°28 | 5°40 | 28°49 | 19°14 | 22°50 | 4°29 | 15°55 | 17°51 | 5°51 | 7°40 | S 22 |
| S 23 | 14 5 21 | 3°10'38 | 1 Ⅱ 42 | 13° 8 | 18°58 | 14° 9 | 5°39 | 28°44 | 19°17 | 22°49 | 4°28 | 15°51 | 17°47 | 5°58 | 7°43 | S 23 |
| M24 | 14 9 18 | 4° 9'57 | 13°35 | 14°46 | 19°53 | 14°51 | 5°39 | 28°40 | 19°19 | 22°48 | 4°26 | 15°D50 | 17°44 | 6° 4 | 7°46 | M24 |
| T 25 | 14 13 15 | 5° 9'14 | 25°34 | 16°25 | 20°47 | 15°33 | 5°38 | 28°35 | 19°22 | 22°47 | 4°25 | 15°51 | 17°41 | 6°11 | 7°49 | T 25 |
| W26 | 14 17 11 | 6° 8'29 | 79544 | 18° 5 | 21°41 | 16°14 | 5°38 | 28°30 | 19°25 | 22°46 | 4°24 | 15°52 | 17°38 | 6°18 | 7°52 | W26 |
| T 27 | 14 21 8 | 7° 7'42 | 20° 8 | 19°47 | 22°33 | 16°56 | 5°37 | 28°26 | 19°28 | 22°45 | 4°22 | 15°54 | 17°35 | 6°25 | 7°55 | T 27 |
| F 28 | 14 25 4 | 8° 6'53 | 2Ω 52 | 21°31 | 23°26 | 17°38 | 5°35 | 28°21 | 19°30 | 22°44 | 4°21 | 15°R55 | 17°31 | 6°31 | 7°58 | F 28 |
| S 29 | 14 29 1 | 9° 6'01 | 15°58 | 23°16 | 24°17 | 18°19 | 5°34 | 28°16 | 19°33 | 22°43 | 4°20 | 15°54 | 17°28 | 6°38 | 8° 0 | S 29 |
| S 30 | 14 32 57 | 10 8 5'07 | 29€30 | 25 Y 2 | 25 II 8 | 19耳 1 | 5 云 33 | 28 ≏ 12 | 19 Ⅲ 36 | 22 × 142 | 4 ≏ 19 | 15Ⅲ53 | 17Ⅲ25 | 6 8 45 | 8 ∺ 3 | S 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| ¥ | Р | ß | v | Ç | ç | Day |
|------|----------|-------------------|-----------------|----------------|-------|----------------|---------------|----------------|-----------------|-----------------|---------------|----------------|----------------|---------------|---------------|------|
| M 1 | 14 36 54 | 118 4'11 | 13 m 31 | 26 Y 50 | 25耳58 | 19 Ⅱ 42 | 5°R31 | 28°R 7 | 19 Ⅲ 39 | 22°R41 | 4°R18 | 15°R50 | 17 Ⅲ 22 | 6 8 51 | 8 米 6 | M 1 |
| T 2 | 14 40 50 | 12° 3'13 | 27°59 | 28°39 | 26°47 | 20°24 | 5 る 29 | 28 º 3 | 19°42 | 22 × 140 | 4 ≏ 16 | 15 Ⅱ 46 | 17°19 | 6°58 | 8° 8 | T 2 |
| W 3 | 14 44 47 | 13° 2'12 | 12 ≏ 51 | 0 8 30 | 27°35 | 21° 5 | 5°27 | 27°58 | 19°45 | 22°39 | 4°15 | 15°41 | 17°16 | 7° 5 | 8°11 | W 3 |
| T 4 | 14 48 44 | 14° 1'09 | 27°59 | 2°22 | 28°23 | 21°46 | 5°25 | 27°54 | 19°48 | 22°38 | 4°14 | 15°36 | 17°12 | 7°11 | 8°13 | T 4 |
| F 5 | 14 52 40 | 15° 0'04 | 13 M .15 | 4°16 | 29°10 | 22°27 | 5°22 | 27°49 | 19°51 | 22°37 | 4°13 | 15°33 | 17° 9 | 7°18 | 8°15 | F 5 |
| S 6 | 14 56 37 | 15°58'58 | 28°28 | 6°11 | 29°55 | 23° 9 | 5°19 | 27°45 | 19°54 | 22°35 | 4°12 | 15°30 | 17° 6 | 7°25 | 8°18 | S 6 |
| S 7 | 15 0 33 | 16°57'49 | 13 × 28 | 8° 8 | 0940 | 23°50 | 5°17 | 27°41 | 19°57 | 22°34 | 4°11 | 15°D29 | 17° 3 | 7°31 | 8°20 | S 7 |
| M 8 | 15 4 30 | 17°56'39 | 2 <u>8°</u> 7 | 10° 6 | 1°24 | 24°31 | 5°14 | 27°37 | 20° 0 | 22°33 | 4°10 | 15°30 | 17° 0 | 7°38 | 8°22 | M 8 |
| T 9 | 15 8 26 | 18°55'27 | 12 ට 21 | 12° 6 | 2° 7 | 25°12 | 5°10 | 27°32 | 20° 3 | 22°32 | 4° 9 | 15°31 | 16°57 | 7°45 | 8°25 | T 9 |
| W10 | 15 12 23 | 19°54'14 | 26° 8 | 14° 7 | 2°49 | 25°53 | 5° 7 | 27°28 | 20° 6 | 22°30 | 4° 8 | 15°32 | 16°53 | 7°51 | 8°27 | W10 |
| T 11 | 15 16 20 | 20°52'58 | 9 ≈ 29 | 16° 9 | 3°29 | 26°34 | 5° 4 | 27°24 | 20° 9 | 22°29 | 4° 7 | 15°34 | 16°50 | 7°58 | 8°29 | T 11 |
| F 12 | 15 20 16 | 21°51'42 | 22°25 | 18°13 | 4° 9 | 27°15 | 5° 0 | 27°20 | 20°12 | 22°28 | 4° 6 | 15°R34 | 16°47 | 8° 5 | 8°31 | F 12 |
| S 13 | 15 24 13 | 22°50'23 | 5 米 1 | 20°18 | 4°47 | 27°56 | 4°56 | 27°16 | 20°16 | 22°26 | 4° 5 | 15°34 | 16°44 | 8°11 | 8°33 | S 13 |
| S 14 | 15 28 9 | 23°49'03 | 17°20 | 22°24 | 5°24 | 28°37 | 4°52 | 27°12 | 20°19 | 22°25 | 4° 4 | 15°32 | 16°41 | 8°18 | 8°35 | S 14 |
| M15 | 15 32 6 | 24°47'41 | 29°26 | 24°31 | 6° 0 | 29°18 | 4°48 | 27° 8 | 20°22 | 22°24 | 4° 3 | 15°29 | 16°37 | 8°25 | 8°36 | M15 |
| T 16 | 15 36 2 | 25°46'17 | 11 Y 24 | 26°38 | 6°35 | 29°59 | 4°44 | 27° 4 | 20°25 | 22°22 | 4° 2 | 15°26 | 16°34 | 8°31 | 8°38 | T 16 |
| W17 | 15 39 59 | 26°44'52 | 23°15 | 28°47 | 7° 8 | 09540 | 4°39 | 27° 0 | 20°29 | 22°21 | 4° 1 | 15°23 | 16°31 | 8°38 | 8°40 | W17 |
| T 18 | 15 43 55 | 27°43'26 | 5 8 4 | 0 Ⅱ 55 | 7°40 | 1°21 | 4°34 | 26°57 | 20°32 | 22°19 | 4° 0 | 15°20 | 16°28 | 8°45 | 8°42 | T 18 |
| F 19 | 15 47 52 | 28°41'57 | 16°53 | 3° 4 | 8°10 | 2° 2 | 4°30 | 26°53 | 20°35 | 22°18 | 4° 0 | 15°18 | 16°25 | 8°51 | 8°43 | F 19 |
| S 20 | 15 51 48 | 29°40'27 | 28°44 | 5°13 | 8°39 | 2°42 | 4°25 | 26°49 | 20°38 | 22°17 | 3°59 | 15°17 | 16°22 | 8°58 | 8°45 | S 20 |
| S 21 | 15 55 45 | 0耳38′55 | 10耳39 | 7°21 | 9° 6 | 3°23 | 4°19 | 26°46 | 20°42 | 22°15 | 3°58 | 15°D16 | 16°18 | 9° 5 | 8°46 | S 21 |
| M22 | 15 59 42 | 1°37'21 | 22°40 | 9°28 | 9°32 | 4° 4 | 4°14 | 26°42 | 20°45 | 22°14 | 3°57 | 15°16 | 16°15 | 9°11 | 8°48 | M22 |
| T 23 | 16 3 38 | 2°35'46 | 49549 | 11°34 | 9°55 | 4°44 | 4° 9 | 26°39 | 20°48 | 22°12 | 3°57 | 15°17 | 16°12 | 9°18 | 8°49 | T 23 |
| W24 | 16 7 35 | 3°34'08 | 17° 9 | 13°39 | 10°18 | 5°25 | 4° 3 | 26°36 | 20°52 | 22°11 | 3°56 | 15°18 | 16° 9 | 9°25 | 8°50 | W24 |
| T 25 | 16 11 31 | 4°32'29 | 29°43 | 15°43 | 10°38 | 6° 6 | 3°58 | 26°33 | 20°55 | 22° 9 | 3°55 | 15°19 | 16° 6 | 9°31 | 8°51 | T 25 |
| F 26 | 16 15 28 | 5°30'47 | $12\Omega_{32}$ | 17°44 | 10°56 | 6°46 | 3°52 | 26°29 | 20°59 | 22° 8 | 3°55 | 15°20 | 16° 3 | 9°38 | 8°53 | F 26 |
| S 27 | 16 19 24 | 6°29'04 | 25°40 | 19°43 | 11°13 | 7°27 | 3°46 | 26°26 | 21° 2 | 22° 6 | 3°54 | 15°20 | 15°59 | 9°45 | 8°54 | S 27 |
| S 28 | 16 23 21 | 7°27'18 | 9 m , 9 | 21°40 | 11°27 | 8° 7 | 3°40 | 26°23 | 21° 5 | 22° 4 | 3°54 | 15°R20 | 15°56 | 9°51 | 8°55 | S 28 |
| M29 | 16 27 18 | 8°25'31 | 23° 0 | 23°34 | 11°39 | 8°48 | 3°34 | 26°21 | 21° 9 | 22° 3 | 3°53 | 15°20 | 15°53 | 9°58 | 8°56 | M29 |
| T 30 | 16 31 14 | 9°23'42 | 7 ≙ 14 | 25°25 | 11°49 | 9°28 | 3°27 | 26°18 | 21°12 | 22° 1 | 3°53 | 15°20 | 15°50 | 10° 5 | 8°56 | T 30 |
| W31 | 16 35 11 | 10 Ⅱ 21'50 | 21 ≏ 48 | 27 Ⅱ 13 | 11957 | 109 8 | 3 ਰ 21 | 26 ₽ 15 | 21 I I16 | 22 × 0 | 3 ჲ 52 | 15 Ⅱ 19 | 15 Ⅱ 47 | 10811 | 8 ∺ 57 | W31 |

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|------|----------|--------------------|----------------|--------|--------|-------------|-----------------|----------------|-----------------|----------------|---------------|-----------------|-----------------|-------|---------------|------|
| T 1 | 16 39 7 | 11 I I19'57 | 6 M .38 | 28耳57 | 1299 3 | 109549 | 3°R14 | 26°R12 | 21 I I19 | 21°R58 | 3°R52 | 15°R19 | 15 Ⅱ 43 | 10818 | 8) 58 | T 1 |
| F 2 | 16 43 4 | 12°18'02 | 21°37 | 0ഇ39 | 12° 7 | 11°29 | 3 궁 8 | 26 ₽ 10 | 21°23 | 21 ~ 57 | 3 ≏ 52 | 15 Ⅱ 18 | 15°40 | 10°25 | 8°59 | F 2 |
| S 3 | 16 47 0 | 13°16'06 | 6 ₹ 39 | 2°17 | 12°R 8 | 12° 9 | 3° 1 | 26° 7 | 21°26 | 21°55 | 3°51 | 15°18 | 15°37 | 10°31 | 8°59 | S 3 |
| S 4 | 16 50 57 | 14°14'08 | 21°33 | 3°51 | 12° 6 | 12°49 | 2°54 | 26° 5 | 21°29 | 21°53 | 3°51 | 15°D18 | 15°34 | 10°38 | 9° 0 | S 4 |
| M 5 | 16 54 53 | 15°12'08 | 6 ප 13 | 5°22 | 12° 3 | 13°30 | 2°47 | 26° 3 | 21°33 | 21°52 | 3°51 | 15°R18 | 15°31 | 10°45 | 9° 1 | M 5 |
| T 6 | 16 58 50 | 16°10'07 | 20°32 | 6°50 | 11°56 | 14°10 | 2°41 | 26° 1 | 21°36 | 21°50 | 3°50 | 15°18 | 15°28 | 10°51 | 9° 1 | T 6 |
| W 7 | 17 2 47 | 17° 8'05 | 4≈27 | 8°13 | 11°48 | 14°50 | 2°33 | 25°58 | 21°40 | 21°49 | 3°50 | 15°18 | 15°24 | 10°58 | 9° 1 | W 7 |
| T 8 | 17 6 43 | 18° 6'01 | 17°55 | 9°33 | 11°37 | 15°30 | 2°26 | 25°56 | 21°43 | 21°47 | 3°50 | 15°18 | 15°21 | 11° 5 | 9° 2 | T 8 |
| F 9 | 17 10 40 | 19° 3'56 | 0 ∺ 58 | 10°49 | 11°23 | 16°10 | 2°19 | 25°55 | 21°47 | 21°45 | 3°50 | 15°17 | 15°18 | 11°12 | 9° 2 | F 9 |
| S 10 | 17 14 36 | 20° 1'50 | 13°38 | 12° 1 | 11° 7 | 16°50 | 2°12 | 25°53 | 21°50 | 21°44 | 3°50 | 15°17 | 15°15 | 11°18 | 9° 2 | S 10 |
| S 11 | 17 18 33 | 20°59'43 | 25°59 | 13° 9 | 10°49 | 17°30 | 2° 5 | 25°51 | 21°54 | 21°42 | 3°50 | 15°D17 | 15°12 | 11°25 | 9° 2 | S 11 |
| M12 | 17 22 29 | 21°57'35 | 8 Y 5 | 14°13 | 10°29 | 18°10 | 1°57 | 25°49 | 21°57 | 21°40 | 3°49 | 15°18 | 15° 9 | 11°32 | 9°R 2 | M12 |
| T 13 | 17 26 26 | 22°55'25 | 20° 1 | 15°13 | 10° 6 | 18°50 | 1°50 | 25°48 | 22° 1 | 21°39 | 3°49 | 15°18 | 15° 5 | 11°38 | 9° 2 | T 13 |
| W14 | 17 30 22 | 23°53'15 | 1 8 51 | 16° 9 | 9°41 | 19°30 | 1°42 | 25°46 | 22° 4 | 21°37 | 3°D49 | 15°19 | 15° 2 | 11°45 | 9° 2 | W14 |
| T 15 | 17 34 19 | 24°51'03 | 13°40 | 17° 1 | 9°14 | 20°10 | 1°35 | 25°45 | 22° 8 | 21°36 | 3°49 | 15°20 | 14°59 | 11°52 | 9° 2 | T 15 |
| F 16 | 17 38 16 | 25°48'50 | 25°30 | 17°48 | 8°46 | 20°50 | 1°27 | 25°44 | 22°11 | 21°34 | 3°49 | 15°21 | 14°56 | 11°58 | 9° 2 | F 16 |
| S 17 | 17 42 12 | 26°46'36 | 7 Ⅱ 25 | 18°32 | 8°15 | 21°29 | 1°20 | 25°43 | 22°15 | 21°32 | 3°49 | 15°21 | 14°53 | 12° 5 | 9° 2 | S 17 |
| S 18 | 17 46 9 | 27°44'21 | 19°29 | 19°10 | 7°43 | 22° 9 | 1°12 | 25°42 | 22°18 | 21°31 | 3°50 | 15°R21 | 14°49 | 12°12 | 9° 1 | S 18 |
| M19 | 17 50 5 | 28°42'05 | 19542 | 19°45 | 7° 9 | 22°49 | 1° 4 | 25°41 | 22°22 | 21°29 | 3°50 | 15°21 | 14°46 | 12°18 | 9° 1 | M19 |
| T 20 | 17 54 2 | 29°39'48 | 14° 6 | 20°14 | 6°35 | 23°29 | 0°57 | 25°40 | 22°25 | 21°27 | 3°50 | 15°20 | 14°43 | 12°25 | 9° 1 | T 20 |
| W21 | 17 57 58 | 0937'29 | 26°43 | 20°40 | 5°59 | 24° 8 | 0°49 | 25°39 | 22°29 | 21°26 | 3°50 | 15°18 | 14°40 | 12°32 | 9° 0 | W21 |
| T 22 | 18 1 55 | 1°35'09 | 9 Ω 34 | 21° 0 | 5°22 | 24°48 | 0°41 | 25°39 | 22°32 | 21°24 | 3°50 | 15°16 | 14°37 | 12°38 | 8°59 | T 22 |
| F 23 | 18 5 52 | 2°32'48 | 22°39 | 21°16 | 4°45 | 25°28 | 0°34 | 25°38 | 22°36 | 21°23 | 3°51 | 15°13 | 14°34 | 12°45 | 8°59 | F 23 |
| S 24 | 18 9 48 | 3°30'25 | 5 m 58 | 21°27 | 4° 7 | 26° 7 | 0°26 | 25°38 | 22°39 | 21°21 | 3°51 | 15°11 | 14°30 | 12°52 | 8°58 | S 24 |
| S 25 | 18 13 45 | 4°28'01 | 19°33 | 21°34 | 3°30 | 26°47 | 0°18 | 25°37 | 22°43 | 21°20 | 3°51 | 15°10 | 14°27 | 12°58 | 8°57 | S 25 |
| M26 | 18 17 41 | 5°25'36 | 3 ≏ 22 | 21°R36 | 2°52 | 27°27 | 0°11 | 25°37 | 22°46 | 21°18 | 3°52 | 15°D 9 | 14°24 | 13° 5 | 8°57 | M26 |
| T 27 | 18 21 38 | 6°23'09 | 17°26 | 21°33 | 2°15 | 28° 6 | 0° 3 | 25°D37 | 22°49 | 21°16 | 3°52 | 15° 9 | 14°21 | 13°12 | 8°56 | T 27 |
| W28 | 18 25 34 | 7°20'42 | 1 M .44 | 21°26 | 1°39 | 28°46 | 29 × 756 | 25°37 | 22°53 | 21°15 | 3°52 | 15°10 | 14°18 | 13°18 | 8°55 | W28 |
| T 29 | 18 29 31 | 8°18'12 | 16°12 | 21°15 | 1° 3 | 29°25 | 29°48 | 25°37 | 22°56 | 21°13 | 3°53 | 15°12 | 14°15 | 13°25 | 8°54 | T 29 |
| F 30 | 18 33 27 | 99515'42 | 0 ∡ 748 | 20959 | 0929 | 0Ω 5 | 29 × 741 | 25 ≏ 37 | 23 II 0 | 21 🗷 12 | 3 ₾ 53 | 15 I I13 | 14 I I11 | 13832 | 8 ∺ 53 | F 30 |

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|------|----------|------------------|-----------------|--------|--------|----------------|----------------|----------------|-----------------|----------------|---------------|-----------------|-----------------|----------------|---------------|------|
| S 1 | 18 37 24 | 109513'11 | 15 ₹ 26 | 20°R40 | 29°R55 | 0 Ω 44 | 29°R33 | 25 ≏ 38 | 23 I I 3 | 21°R10 | 3 ≏ 54 | 15°R13 | 14 I 8 | 13 8 38 | 8°R52 | S 1 |
| S 2 | 18 41 21 | 11°10'39 | 0중 2 | 209517 | 29∏24 | 1°23 | 29 х 26 | 25°38 | 23° 6 | 21 ~ 9 | 3°54 | 15 Ⅱ 13 | 14° 5 | 13°45 | 8 ¥ 50 | S 2 |
| M 3 | 18 45 17 | 12° 8'05 | 14°28 | 19°52 | 28°54 | 2° 3 | 29°19 | 25°39 | 23°10 | 21° 7 | 3°55 | 15°11 | 14° 2 | 13°52 | 8°49 | M 3 |
| T 4 | 18 49 14 | 13° 5'31 | 28°38 | 19°23 | 28°25 | 2°42 | 29°11 | 25°39 | 23°13 | 21° 6 | 3°56 | 15° 8 | 13°59 | 13°58 | 8°48 | T 4 |
| W 5 | 18 53 10 | 14° 2'57 | 12≈29 | 18°53 | 27°59 | 3°21 | 29° 4 | 25°40 | 23°16 | 21° 4 | 3°56 | 15° 4 | 13°55 | 14° 5 | 8°46 | W 5 |
| T 6 | 18 57 7 | 15° 0'21 | 25°58 | 18°21 | 27°35 | 4° 1 | 28°57 | 25°41 | 23°20 | 21° 3 | 3°57 | 14°59 | 13°52 | 14°12 | 8°45 | T 6 |
| F 7 | 19 1 3 | 15°57'45 | 9) 3 | 17°47 | 27°13 | 4°40 | 28°50 | 25°42 | 23°23 | 21° 1 | 3°58 | 14°55 | 13°49 | 14°18 | 8°44 | F 7 |
| S 8 | 19 5 0 | 16°55'08 | 21°46 | 17°13 | 26°53 | 5°19 | 28°43 | 25°43 | 23°26 | 21° 0 | 3°58 | 14°51 | 13°46 | 14°25 | 8°42 | S 8 |
| S 9 | 19 8 56 | 17°52'31 | 4 Υ 9 | 16°40 | 26°35 | 5°58 | 28°36 | 25°44 | 23°30 | 20°59 | 3°59 | 14°49 | 13°43 | 14°32 | 8°40 | S 9 |
| M10 | 19 12 53 | 18°49'54 | 16°17 | 16° 6 | 26°20 | 6°38 | 28°29 | 25°45 | 23°33 | 20°57 | 4° 0 | 14°D48 | 13°40 | 14°38 | 8°39 | M10 |
| T 11 | 19 16 50 | 19°47'16 | 28°13 | 15°34 | 26° 7 | 7°17 | 28°23 | 25°46 | 23°36 | 20°56 | 4° 1 | 14°48 | 13°36 | 14°45 | 8°37 | T 11 |
| W12 | 19 20 46 | 20°44'38 | 108 4 | 15° 4 | 25°57 | 7°56 | 28°16 | 25°48 | 23°39 | 20°54 | 4° 1 | 14°50 | 13°33 | 14°51 | 8°35 | W12 |
| T 13 | 19 24 43 | 21°42'00 | 21°53 | 14°36 | 25°49 | 8°35 | 28° 9 | 25°49 | 23°42 | 20°53 | 4° 2 | 14°51 | 13°30 | 14°58 | 8°34 | T 13 |
| F 14 | 19 28 39 | 22°39'21 | 3 Ⅱ 46 | 14°10 | 25°44 | 9°14 | 28° 3 | 25°51 | 23°46 | 20°52 | 4° 3 | 14°53 | 13°27 | 15° 5 | 8°32 | F 14 |
| S 15 | 19 32 36 | 23°36'43 | 15°46 | 13°48 | 25°40 | 9°53 | 27°57 | 25°53 | 23°49 | 20°50 | 4° 4 | 14°R53 | 13°24 | 15°11 | 8°30 | S 15 |
| S 16 | 19 36 32 | 24°34'03 | 27°58 | 13°29 | 25°D40 | 10°32 | 27°51 | 25°55 | 23°52 | 20°49 | 4° 5 | 14°52 | 13°21 | 15°18 | 8°28 | S 16 |
| M17 | 19 40 29 | 25°31'24 | 109524 | 13°14 | 25°41 | 11°11 | 27°44 | 25°56 | 23°55 | 20°48 | 4° 6 | 14°50 | 13°17 | 15°25 | 8°26 | M17 |
| T 18 | 19 44 25 | 26°28'44 | 23° 6 | 13° 3 | 25°45 | 11°50 | 27°39 | 25°58 | 23°58 | 20°47 | 4° 7 | 14°45 | 13°14 | 15°31 | 8°24 | T 18 |
| W19 | 19 48 22 | 27°26'04 | 6 Ω 3 | 12°57 | 25°51 | 12°29 | 27°33 | 26° 1 | 24° 1 | 20°45 | 4° 8 | 14°39 | 13°11 | 15°38 | 8°22 | W19 |
| T 20 | 19 52 19 | 28°23'24 | 19°17 | 12°D55 | 25°59 | 13° 8 | 27°27 | 26° 3 | 24° 4 | 20°44 | 4° 9 | 14°32 | 13° 8 | 15°45 | 8°20 | T 20 |
| F 21 | 19 56 15 | 29°20'43 | 2 Mp 45 | 12°58 | 26° 9 | 13°47 | 27°21 | 26° 5 | 24° 7 | 20°43 | 4°10 | 14°25 | 13° 5 | 15°51 | 8°17 | F 21 |
| S 22 | 20 0 12 | 0 Ω 18'01 | 16°25 | 13° 5 | 26°22 | 14°26 | 27°16 | 26° 8 | 24°10 | 20°42 | 4°11 | 14°18 | 13° 1 | 15°58 | 8°15 | S 22 |
| S 23 | 20 4 8 | 1°15'19 | 0 ჲ 15 | 13°18 | 26°36 | 15° 5 | 27°11 | 26°10 | 24°13 | 20°41 | 4°12 | 14°13 | 12°58 | 16° 5 | 8°13 | S 23 |
| M24 | 20 8 5 | 2°12'37 | 14°13 | 13°35 | 26°52 | 15°44 | 27° 6 | 26°13 | 24°16 | 20°40 | 4°14 | 14° 9 | 12°55 | 16°11 | 8°11 | M24 |
| T 25 | 20 12 1 | 3° 9'54 | 28°18 | 13°57 | 27°11 | 16°23 | 27° 1 | 26°15 | 24°19 | 20°38 | 4°15 | 14°D 8 | 12°52 | 16°18 | 8° 8 | T 25 |
| W26 | 20 15 58 | 4° 7'10 | 12 M 27 | 14°25 | 27°31 | 17° 2 | 26°56 | 26°18 | 24°22 | 20°37 | 4°16 | 14° 8 | 12°49 | 16°25 | 8° 6 | W26 |
| T 27 | 20 19 54 | 5° 4'26 | 26°39 | 14°57 | 27°52 | 17°40 | 26°51 | 26°21 | 24°25 | 20°36 | 4°17 | 14° 9 | 12°46 | 16°31 | 8° 3 | T 27 |
| F 28 | 20 23 51 | 6° 1'42 | 10 ∡ 753 | 15°33 | 28°16 | 18°19 | 26°47 | 26°24 | 24°28 | 20°35 | 4°19 | 14°R10 | 12°42 | 16°38 | 8° 1 | F 28 |
| S 29 | 20 27 48 | 6°58'58 | 25° 6 | 16°15 | 28°41 | 18°58 | 26°42 | 26°27 | 24°30 | 20°34 | 4°20 | 14° 9 | 12°39 | 16°45 | 7°58 | S 29 |
| S 30 | 20 31 44 | 7°56'13 | 9 ට 16 | 17° 1 | 29° 7 | 19°37 | 26°38 | 26°30 | 24°33 | 20°33 | 4°21 | 14° 7 | 12°36 | 16°51 | 7°56 | S 30 |
| M31 | 20 35 41 | 8 Ω 53'29 | 23 궁 18 | 179552 | 29∏36 | 20 Ω 16 | 26 ₮ 34 | 26 ₽ 33 | 24∏36 | 20 ∡ 32 | 4 ₾ 23 | 14 I I 2 | 12 II 33 | 16 8 58 | 7 ∺ 53 | M31 |

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|--------------|----------------------|--------------------|-------------------------|------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-----------------------|--------------|
| T 1 | 20 39 37 | 9 Ω 50'44 | 7≈10 | 189548 | 0 ණ 5 | 20 Ω 54 | 26°R30 | 26 ₽ 37 | 24∏39 | 20°R31 | 4 ≏ 24 | 13°R55 | 12 Ⅲ 30 | 17 8 5 | 7°R51 | T 1 |
| W 2 | 20 43 34 | 10°47'59 | 20°46 | 19°49 | 0°37 | 21°33 | 26 ₹ 26 | 26°40 | 24°41 | 20 ₮ 30 | 4°25 | 13耳46 | 12°27 | 17°11 | 7 ∺ 48 | W 2 |
| T 3 | 20 47 30 | 11°45'14 | 4 ∺ 5 | 20°53 | 1° 9 | 22°12 | 26°23 | 26°43 | 24°44 | 20°30 | 4°27 | 13°37 | 12°23 | 17°18 | 7°45 | T 3 |
| F 4 | 20 51 27 | 12°42'29 | 17° 4 | 22° 3 | 1°43 | 22°50 | 26°19 | 26°47 | 24°46 | 20°29 | 4°28 | 13°27 | 12°20 | 17°25 | 7°42 | F 4 |
| S 5 | 20 55 24 | 13°39'45 | 29°44 | 23°17 | 2°18 | 23°29 | 26°16 | 26°51 | 24°49 | 20°28 | 4°30 | 13°19 | 12°17 | 17°31 | 7°40 | S 5 |
| S 6 | 20 59 20 | 14°37'01 | 12 Y 6 | 24°35 | 2°54 | 24° 8 | 26°13 | 26°54 | 24°52 | 20°27 | 4°31 | 13°12 | 12°14 | 17°38 | 7°37 | S 6 |
| M 7 | 21 3 17 | 15°34'18 | 24°13 | 25°57 | 3°32 | 24°46 | 26°10 | 26°58 | 24°54 | 20°26 | 4°33 | 13° 8 | 12°11 | 17°45 | 7°34 | M 7 |
| - | 21 7 13 | 16°31'35 | 6 8 10 | 27°24 | 4°11 | 25°25 | 26° 7 | 27° 2 | 24°57 | 20°26 | 4°34 | 13° 5 | 12° 7 | 17°51 | 7°31 | T 8 |
| | 21 11 10 | 17°28'52 | 18° 0 | 28°54 | 4°50 | 26° 3 | 26° 5 | 27° 6 | 24°59 | 20°25 | 4°36 | 13°D 5 | 12° 4 | 17°58 | 7°28 | W 9 |
| - | 21 15 6 | 18°26'10 | 29°50 | 0 Ω 29 | 5°31 | 26°42 | 26° 2 | 27°10 | 25° 1 | 20°24 | 4°37 | 13° 5 | 12° 1 | 18° 5 | 7°25 | T 10 |
| | 21 19 3 | 19°23'29 | 11 II 44 | 2° 8 | 6°13 | 27°21 | 26° 0 | 27°14 | 25° 4 | 20°24 | 4°39 | 13°R 5 | 11°58 | 18°11 | 7°22 | F 11 |
| S 12 | 21 22 59 | 20°20'49 | 23°47 | 3°50 | 6°56 | 27°59 | 25°58 | 27°19 | 25° 6 | 20°23 | 4°40 | 13° 5 | 11°55 | 18°18 | 7°20 | S 12 |
| | 21 26 56 | 21°18'09 | 6 9 5 | 5°35 | 7°40 | 28°38 | 25°56 | 27°23 | 25° 8 | 20°22 | 4°42 | 13° 3 | 11°52 | 18°25 | 7°17 | S 13 |
| | 21 30 53 | 22°15'30 | 18°41 | 7°24 | 8°24 | 29°16 | 25°55 | 27°27 | 25°11 | 20°22 | 4°44 | 12°58 | 11°48 | 18°31 | 7°14 | M14 |
| - | 21 34 49 | 23°12'51 | 1 Ω 37 | 9°17 | 9°10 | 29°55 | 25°53 | 27°32 | 25°13 | 20°21 | 4°45 | 12°51 | 11°45 | 18°38 | 7°11 | T 15 |
| | 21 38 46 | 24°10'13 | 14°54 | 11°11 | 9°56 | 0 m 33 | 25°52 | 27°36 | 25°15 | 20°21 | 4°47 | 12°41 | 11°42 | 18°45 | 7° 8 | W16 |
| | 21 42 42 | 25° 7'35 | 28°31 | 13° 9 | 10°43 | 1°12 | 25°51 | 27°41 | 25°17 | 20°20 | 4°49 | 12°30 | 11°39 | 18°51 | 7° 4 | T 17 |
| - | 21 46 39 | 26° 4'58 | 12 m 24 | 15° 8 | 11°31 | 1°50 | 25°50 | 27°46 | 25°19 | 20°20 | 4°51 | 12°19 | 11°36 | 18°58 | 7° 1 | F 18 |
| S 19 | 21 50 35 | 27° 2'22 | 26°30 | 17°10 | 12°20 | 2°29 | 25°49 | 27°50 | 25°21 | 20°19 | 4°52 | 12° 9 | 11°33 | 19° 5 | 6°58 | S 19 |
| | 21 54 32 | 27°59'46 | 10 ≏ 44 | 19°13 | 13° 9 | 3° 7 | 25°49 | 27°55 | 25°23 | 20°19 | 4°54 | 12° 0 | 11°29 | 19°11 | 6°55 | S 20 |
| | 21 58 28 | 28°57'10 | 25° 1 | 21°17 | 14° 0 | 3°46 | 25°48 | 28° 0 | 25°25 | 20°19 | 4°56 | 11°54 | 11°26 | 19°18 | 6°52 | M21 |
| T 22 | 22 2 25 | 29°54'35 | 9 M .16 | 23°22 | 14°50 | 4°24 | 25°D48 | 28° 5 | 25°27 | 20°18 | 4°58 | 11°51 | 11°23 | 19°24 | 6°49 | T 22 |
| W23 | 22 6 21 | 0 m 52'00 | 23°28 | 25°28 | 15°42 | 5° 2 | 25°48 | 28°10 | 25°29 | 20°18 | 4°59 | 11°49 | 11°20 | 19°31 | 6°46 | W23 |
| T 24 | 22 10 18 | 1°49'25 | 7 ₹ 34 | 27°34 29°40 | 16°34 | 5°41 | 25°48 25°49 | 28°15 | 25°31 | 20°18 20°17 | 5° 1 5° 3 | 11°49 | 11°17 | 19°38 19°44 | 6°43 | T 24 |
| F 25 S 26 | 22 14 15 22 18 11 | 2°46'52 3°44'18 | 21°35 5 る 29 | 1 Mp 46 | 17°26 18°20 | 6°19 6°58 | 25°49 25°49 | 28°21 28°26 | 25°33 25°35 | 20°17 20°17 | 5° 3 5° 5 | 11°49 11°48 | 11°13 11°10 | 19°44 19°51 | 6°40 6°37 | F 25 S 26 |
| | | | | - | | | | | | | | - | _ | | | |
| S 27 | 22 22 8 | 4°41'45 | 19°15 | 3°51 | 19°13 | 7°36 | 25°50 | 28°31 | 25°36 | 20°17 | 5° 7 | 11°44 | 11° 7 | 19°58 | 6°33 | S 27 |
| M28 | 22 26 4 | 5°39'13 | 2≈52 | 5°55 | 20° 8 | 8°14 | 25°51 | 28°36 | 25°38 | 20°17 | 5° 9 | 11°37 | 11° 4 | 20° 4 | 6°30 | M28 |
| | 22 30 1 | 6°36'42 | 16°20 | 7°59 | 21° 2 | 8°53 | 25°52 | 28°42 | 25°40 | 20°17 | 5°11 | 11°28 | 11° 1 | 20°11 | 6°27 | T 29 |
| | 22 33 57 22 37 54 | 7°34'11 | 29°35 12 ¥ 36 | 10° 1 12 m 2 | 21°58 22 © 54 | 9°31 10 m 9 | 25°53 25 ₹ 55 | 28°47 28 Ω 53 | 25°41 25 ∏ 43 | 20°17 20 × 17 | 5°13 5 Ω 15 | 11°16 11 II 4 | 10°58 10 Ⅲ 54 | 20°18 20 8 24 | 6°24 6 ∺ 21 | W30 T 31 |
| 131 | 22 31 34 | 8 m y31'41 | 12 \T 36 | 12MD 2 | 225934 | 10110 9 | ∠3 X ,33 | ∠8 ≟ ≥33 | 23Щ43 | ∠U X 'I/ | 3=13 | 114 4 | 10Д34 | 20024 | 0 π 21 | 131 |

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|-------------|---------------------|-----------------------------|------------------------|------------------------|-----------------------|---------------------------|--------------------------|----------------------|----------------|-------------------------|---------------|----------------|----------------|----------------|-----------------------|-------------|
| F 1 | 22 41 50 | 9 m 29'12 | 25 米 22 | 14M) 2 | 23950 | 10 m /48 | 25 × 56 | 28 £ 59 | 25∏44 | 20°D17 | 5 ≏ 16 | 10°R51 | 10耳51 | 20 8 31 | 6°R18 | F 1 |
| S 2 | 22 45 47 | 10°26'44 | 7 Ƴ 53 | 16° 1 | 24°47 | 11°26 | 25°58 | 29° 4 | 25°46 | 20 ∡ 17 | 5°18 | 10耳39 | 10°48 | 20°38 | 6 ∺ 15 | S 2 |
| S 3 | 22 49 44 | 11°24'17 | 20° 9 | 17°58 | 25°44 | 12° 4 | 26° 0 | 29°10 | 25°47 | 20°17 | 5°20 | 10°30 | 10°45 | 20°44 | 6°11 | S 3 |
| M 4 | 22 53 40 | 12°21'52 | 2 8 13 | 19°54 | 26°42 | 12°42 | 26° 2 | 29°16 | 25°48 | 20°17 | 5°22 | 10°23 | 10°42 | 20°51 | 6° 8 | M 4 |
| T 5 | 22 57 37 | 13°19'28 | 14° 7 | 21°49 | 27°40 | 13°21 | 26° 5 | 29°22 | 25°50 | 20°17 | 5°24 | 10°19 | 10°38 | 20°58 | 6° 5 | T 5 |
| W 6 | 23 1 33 | 14°17'05 | 25°56 | 23°42 | 28°39 | 13°59 | 26° 7 | 29°28 | 25°51 | 20°17 | 5°26 | 10°17 | 10°35 | 21° 4 | 6° 2 | W 6 |
| T 7 | 23 5 30 | 15°14'43 | 7 Ⅱ 44 | 25°34 | 29°38 | 14°37 | 26°10 | 29°34 | 25°52 | 20°17 | 5°28 | 10°16 | 10°32 | 21°11 | 5°59 | T 7 |
| F 8 S 9 | 23 9 26 23 13 23 | 16°12'23 17°10'04 | 19°38 1 © 42 | 27°24 29°12 | 0 Ω 37 1°37 | 15°15 15°54 | 26°13 26°16 | 29°40 29°46 | 25°53 25°55 | 20°18 20°18 | 5°30 5°32 | 10°16 10°16 | 10°29 10°26 | 21°18 21°24 | 5°56 5°53 | F 8 S 9 |
| | | | | _ | | | | | | | | | | | | |
| S 10 | 23 17 19 | 18° 7'47 | 14° 1 | 1 ♣ 0 | 2°37 | 16°32 | 26°19 | 29°52 | 25°56 | 20°18 | 5°34 | 10°13 | 10°23 | 21°31 | 5°50 | S 10 |
| M11 | 23 21 16 | 19° 5'32 | 26°41 | 2°46 | 3°37 | 17°10 | 26°22 | 29°58 | 25°57 | 20°18 | 5°37 | 10° 9 | 10°19 | 21°38 | 5°47 | M11 |
| T 12 W13 | 23 25 13 23 29 9 | 20° 3'17 21° 1'05 | 9 Ω 45 23°14 | 4°30 6°13 | 4°38 5°39 | 17°48 18°27 | 26°26 26°30 | 0 ጤ 4 0°11 | 25°58 25°59 | 20°19 20°19 | 5°39 5°41 | 10° 2 9°53 | 10°16 10°13 | 21°44 21°51 | 5°44 5°41 | T 12 W13 |
| T 14 | 23 29 9 23 33 6 | 21°58'53 | 7m) 7 | 7°54 | 6°41 | 18 27 19° 5 | 26°34 | 0°17 | 25° 39 | 20°19 | 5°43 | 9°33 | 10°13 | 21°58 | 5°38 | T 14 |
| F 15 | 23 37 2 | 22°56'43 | 21°22 | 9°35 | 7°43 | 19°43 | 26°38 | 0°23 | 26° 0 | 20°20 | 5°45 | 9°30 | 10° 7 | 22° 4 | 5°35 | F 15 |
| S 16 | 23 40 59 | 23°54'34 | 5 ₽ 52 | 11°13 | 8°45 | 20°21 | 26°42 | 0°30 | 26° 1 | 20°20 | 5°47 | 9°20 | 10° 4 | 22°11 | 5°32 | S 16 |
| S 17 | 23 44 55 | 24°52'27 | 20°31 | 12°51 | 9°47 | 21° 0 | 26°46 | 0°36 | 26° 2 | 20°21 | 5°49 | 9°11 | 10° 0 | 22°17 | 5°29 | S 17 |
| M18 | 23 48 52 | 25°50'21 | 5 M 12 | 14°27 | 10°50 | 21°38 | 26°51 | 0°43 | 26° 3 | 20°22 | 5°51 | 9° 5 | 9°57 | 22°24 | 5°26 | M18 |
| T 19 | 23 52 48 | 26°48'16 | 19°47 | 16° 2 | 11°53 | 22°16 | 26°56 | 0°49 | 26° 3 | 20°22 | 5°53 | 9° 1 | 9°54 | 22°31 | 5°23 | T 19 |
| W20 | 23 56 45 | 27°46'12 | 4 ₹ 12 | 17°35 | 12°56 | 22°54 | 27° 1 | 0°56 | 26° 4 | 20°23 | 5°55 | 9°D 0 | 9°51 | 22°37 | 5°21 | W20 |
| T 21 | 0 0 42 | 28°44'10 | 18°24 | 19° 7 | 13°59 | 23°32 | 27° 6 | 1° 3 | 26° 4 | 20°23 | 5°57 | 9° 0 | 9°48 | 22°44 | 5°18 | T 21 |
| F 22 | 0 4 38 | 29°42'09 | 2 3 23 | 20°38 | 15° 3 | 24°10 | 27°11 | 1° 9 | 26° 5 | 20°24 | 6° 0 | 9°R 0 | 9°44 | 22°51 | 5°15 | F 22 |
| S 23 | 0 8 35 | 0 º 40'09 | 16° 7 | 22° 8 | 16° 7 | 24°49 | 27°16 | 1°16 | 26° 5 | 20°25 | 6° 2 | 8°59 | 9°41 | 22°57 | 5°12 | S 23 |
| S 24 | 0 12 31 | 1°38'10 | 29°38 | 23°36 | 17°12 | 25°27 | 27°22 | 1°23 | 26° 6 | 20°25 | 6° 4 | 8°56 | 9°38 | 23° 4 | 5°10 | S 24 |
| M25 | 0 16 28 | 2°36'12 | 12≈56 | 25° 2 | 18°16 | 26° 5 | 27°28 | 1°30 | 26° 6 | 20°26 | 6° 6 | 8°51 | 9°35 | 23°11 | 5° 7 | M25 |
| T 26 | 0 20 24 | 3°34'16 | 26° 1 | 26°28 | 19°21 | 26°43 | 27°33 | 1°36 | 26° 6 | 20°27 | 6° 8 | 8°43 | 9°32 | 23°17 | 5° 4 | T 26 |
| W27 T 28 | 0 24 21 | 4°32'21 5°30'27 | 8 ₩55 | 27°52 29°14 | 20°26 21°31 | 27°21 27°59 | 27°39 27°46 | 1°43 1°50 | 26° 6 26° 7 | 20°28 20°29 | 6°10 | 8°33 8°21 | 9°29 9°25 | 23°24 23°31 | 5° 2 4°59 | W27 T 28 |
| F 29 | 0 28 17 0 32 14 | 6°28'35 | 21°37 4 ° 6 | 29°14 0 M 35 | 21°31 22°37 | 27°39 28°37 | 27°46 27°52 | 1°50 1°57 | 26° 7 | 20°29 20°30 | 6°12 6°14 | 8°21 8°10 | 9°23 | 23°31 23°37 | 4°59 4°57 | F 29 |
| S 30 | 0 32 14 0 36 10 | 0 28 33 7 Ω 26'45 | 16 Y 24 | 1ML55 | 23 \Omega 42 | 28 37 29 m) 16 | 27 32 27 × 758 | 2 m 4 | 26 I 7 | 20 30 20 × 30 | 6 <u>₽</u> 17 | 8 II 0 | 9 1 19 | 23 37 | 4 37 4) 54 | S 30 |

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| S 1 | 0 40 7 | 8 ≏ 24'56 | 28 Y 31 | 3 M 13 | 24 Ω 48 | 29 m 54 | 28 × 5 | 2 M .11 | 26°R 7 | 20 × 31 | 6 ₽ 19 | 7°R52 | 9 Ц 16 | 23851 | 4°R52 | S 1 |
| M 2 | 0 44 4 | 9°23'09 | 10829 | 4°29 | 25°54 | 0 <u>م</u> 32 | 28°12 | 2°18 | 26耳 7 | 20°32 | 6°21 | 7 Ⅱ 46 | 9°13 | 23°57 | 4){ 49 | M 2 |
| T 3 | 0 48 0 | 10°21'24 | 22°19 | 5°44 | 27° 1 | 1°10 | 28°18 | 2°25 | 26° 7 | 20°33 | 6°23 | 7°42 | 9°10 | 24° 4 | 4°47 | T 3 |
| W 4 | 0 51 57 | 11°19'41 | 4 I I 6 | 6°57 | 28° 7 | 1°48 | 28°25 | 2°32 | 26° 7 | 20°34 | 6°25 | 7°D41 | 9° 6 | 24°11 | 4°45 | W 4 |
| T 5 | 0 55 53 | 12°18'00 | 15°54 | 8° 9 | 29°14 | 2°26 | 28°33 | 2°39 | 26° 6 | 20°35 | 6°27 | 7°41 | 9° 3 | 24°17 | 4°42 | T 5 |
| F 6 | 0 59 50 | 13°16'21 | 27°46 | 9°18 | 0 m 21 | 3° 4 | 28°40 | 2°46 | 26° 6 | 20°37 | 6°29 | 7°42 | 9° 0 | 24°24 | 4°40 | F 6 |
| S 7 | 1 3 46 | 14°14'44 | 9 9 549 | 10°26 | 1°28 | 3°43 | 28°47 | 2°54 | 26° 6 | 20°38 | 6°31 | 7°R43 | 8°57 | 24°30 | 4°38 | S 7 |
| S 8 | 1 7 43 | 15°13'09 | 22° 6 | 11°31 | 2°35 | 4°21 | 28°55 | 3° 1 | 26° 6 | 20°39 | 6°34 | 7°43 | 8°54 | 24°37 | 4°36 | S 8 |
| M 9 | 1 11 39 | 16°11'36 | 4 Ω 45 | 12°35 | 3°43 | 4°59 | 29° 2 | 3° 8 | 26° 5 | 20°40 | 6°36 | 7°41 | 8°50 | 24°44 | 4°34 | M 9 |
| T 10 | 1 15 36 | 17°10'05 | 17°48 | 13°36 | 4°51 | 5°37 | 29°10 | 3°15 | 26° 5 | 20°41 | 6°38 | 7°37 | 8°47 | 24°50 | 4°32 | T 10 |
| W11 | 1 19 33 | 18° 8'36 | 1 m)18 | 14°34 | 5°58 | 6°15 | 29°18 | 3°23 | 26° 4 | 20°42 | 6°40 | 7°31 | 8°44 | 24°57 | 4°30 | W11 |
| T 12 | 1 23 29 | 19° 7'09 | 15°16 | 15°30 | 7° 6 | 6°53 | 29°26 | 3°30 | 26° 4 | 20°44 | 6°42 | 7°24 | 8°41 | 25° 4 | 4°28 | T 12 |
| F 13 | 1 27 26 | 20° 5'44 | 29°40 | 16°22 | 8°15 | 7°31 | 29°34 | 3°37 | 26° 3 | 20°45 | 6°44 | 7°17 | 8°38 | 25°10 | 4°26 | F 13 |
| S 14 | 1 31 22 | 21° 4'21 | 14 ≏ 25 | 17°12 | 9°23 | 8°10 | 29°43 | 3°44 | 26° 3 | 20°46 | 6°46 | 7°10 | 8°35 | 25°17 | 4°24 | S 14 |
| S 15 | 1 35 19 | 22° 3'00 | 29°23 | 17°58 | 10°32 | 8°48 | 29°51 | 3°52 | 26° 2 | 20°48 | 6°48 | 7° 4 | 8°31 | 25°24 | 4°22 | S 15 |
| M16 | 1 39 15 | 23° 1'40 | 14ML25 | 18°41 | 11°40 | 9°26 | 29°59 | 3°59 | 26° 1 | 20°49 | 6°50 | 7° 0 | 8°28 | 25°30 | 4°21 | M16 |
| T 17 | 1 43 12 | 24° 0'23 | 29°23 | 19°20 | 12°49 | 10° 4 | 0중 9 | 4° 6 | 26° 1 | 20°50 | 6°52 | 6°58 | 8°25 | 25°37 | 4°19 | T 17 |
| W18 | 1 47 8 | 24°59'07 | 14 % 8 | 19°54 | 13°58 | 10°42 | 0°17 | 4°14 | 26° 0 | 20°52 | 6°54 | 6°D58 | 8°22 | 25°44 | 4°17 | W18 |
| T 19 | 1 51 5 | 25°57'53 | 28°35 | 20°24 | 15° 7 | 11°20 | 0°26 | 4°21 | 25°59 | 20°53 | 6°56 | 6°59 | 8°19 | 25°50 | 4°16 | T 19 |
| F 20 | 1 55 2 | 26°56'41 | 12 る 42 | 20°49 | 16°17 | 11°58 | 0°35 | 4°29 | 25°58 | 20°55 | 6°59 | 7° 0 | 8°16 | 25°57 | 4°14 | F 20 |
| S 21 | 1 58 58 | 27°55'30 | 26°29 | 21° 9 | 17°26 | 12°36 | 0°45 | 4°36 | 25°57 | 20°56 | 7° 1 | 7°R 1 | 8°12 | 26° 4 | 4°13 | S 21 |
| S 22 | 2 2 5 5 | 28°54'21 | 9≈55 | 21°23 | 18°35 | 13°15 | 0°54 | 4°43 | 25°56 | 20°58 | 7° 3 | 7° 0 | 8° 9 | 26°10 | 4°12 | S 22 |
| M23 | 2 6 5 1 | 29°53'13 | 23° 3 | 21°30 | 19°45 | 13°53 | 1° 3 | 4°51 | 25°55 | 20°59 | 7° 5 | 6°58 | 8° 6 | 26°17 | 4°10 | M23 |
| T 24 | 2 10 48 | 0 M 52'07 | 5) 54 | 21°R31 | 20°55 | 14°31 | 1°13 | 4°58 | 25°54 | 21° 1 | 7° 7 | 6°54 | 8° 3 | 26°23 | 4° 9 | T 24 |
| W25 | 2 14 44 | 1°51'03 | 18°31 | 21°25 | 22° 5 | 15° 9 | 1°22 | 5° 6 | 25°53 | 21° 3 | 7° 9 | 6°49 | 8° 0 | 26°30 | 4° 8 | W25 |
| T 26 | 2 18 41 | 2°50'00 | 0 Υ 56 | 21°11 | 23°15 | 15°47 | 1°32 | 5°13 | 25°51 | 21° 4 | 7°11 | 6°43 | 7°56 | 26°37 | 4° 7 | T 26 |
| F 27 | 2 22 37 | 3°48'59 | 13°10 | 20°50 | 24°25 | 16°25 | 1°42 | 5°20 | 25°50 | 21° 6 | 7°12 | 6°37 | 7°53 | 26°43 | 4° 6 | F 27 |
| S 28 | 2 26 34 | 4°48'01 | 25°15 | 20°21 | 25°36 | 17° 3 | 1°52 | 5°28 | 25°49 | 21° 7 | 7°14 | 6°32 | 7°50 | 26°50 | 4° 5 | S 28 |
| S 29 | 2 30 31 | 5°47'04 | 7 8 12 | 19°44 | 26°46 | 17°42 | 2° 2 | 5°35 | 25°48 | 21° 9 | 7°16 | 6°28 | 7°47 | 26°57 | 4° 4 | S 29 |
| M30 | 2 34 27 | 6°46'09 | 19° 4 | 18°59 | 27°57 | 18°20 | 2°12 | 5°43 | 25°46 | 21°11 | 7°18 | 6°25 | 7°44 | 27° 3 | 4° 3 | M30 |
| T 31 | 2 38 24 | 7 M 45'16 | 0 Ⅱ 52 | 18 M 7 | 29 m y 7 | 18 ≏ 58 | 2 る 22 | 5 M 50 | 25 Ⅱ 45 | 21 × 13 | 7 ≏ 20 | 6°D23 | 7 Ⅱ 41 | 27810 | 4) € 2 | T 31 |

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|------|---------|-------------------|-----------------|----------------|----------------|----------------|---------------|----------------|-----------------|----------------|---------------|---------------|---------------|----------------|----------------|------|
| W 1 | 2 42 20 | 8ML44'25 | 12 Ⅲ 39 | 17°R 9 | 0 ჲ 18 | 19 ≏ 36 | 2 る 32 | 5 M .58 | 25°R43 | 21 √ 14 | 7 ≏ 22 | 6 Ц 23 | 7 Ⅲ 37 | 27817 | 4°R 1 | W 1 |
| T 2 | 2 46 17 | 9°43'36 | 24°28 | 16M 5 | 1°29 | 20°14 | 2°43 | 6° 5 | 25∏42 | 21°16 | 7°24 | 6°24 | 7°34 | 27°23 | 4) € 0 | T 2 |
| F 3 | 2 50 13 | 10°42'50 | 69्21 | 14°56 | 2°40 | 20°52 | 2°53 | 6°12 | 25°40 | 21°18 | 7°26 | 6°26 | 7°31 | 27°30 | 4° 0 | F 3 |
| S 4 | 2 54 10 | 11°42'06 | 18°24 | 13°45 | 3°51 | 21°30 | 3° 4 | 6°20 | 25°39 | 21°20 | 7°28 | 6°28 | 7°28 | 27°37 | 3°59 | S 4 |
| S 5 | 2 58 6 | 12°41'23 | 0 Ω 41 | 12°32 | 5° 3 | 22° 9 | 3°15 | 6°27 | 25°37 | 21°22 | 7°29 | 6°29 | 7°25 | 27°43 | 3°59 | S 5 |
| M 6 | 3 2 3 | 13°40'44 | 13°17 | 11°21 | 6°14 | 22°47 | 3°25 | 6°35 | 25°36 | 21°23 | 7°31 | 6°R30 | 7°21 | 27°50 | 3°58 | M 6 |
| T 7 | 3 6 0 | 14°40'06 | 26°14 | 10°13 | 7°26 | 23°25 | 3°36 | 6°42 | 25°34 | 21°25 | 7°33 | 6°29 | 7°18 | 27°57 | 3°58 | T 7 |
| W 8 | 3 9 56 | 15°39'30 | 9 ₥ 38 | 9°11 | 8°37 | 24° 3 | 3°47 | 6°49 | 25°32 | 21°27 | 7°35 | 6°28 | 7°15 | 28° 3 | 3°57 | W 8 |
| T 9 | 3 13 53 | 16°38'57 | 23°29 | 8°15 | 9°49 | 24°41 | 3°58 | 6°57 | 25°30 | 21°29 | 7°37 | 6°26 | 7°12 | 28°10 | 3°57 | T 9 |
| F 10 | 3 17 49 | 17°38'26 | 7 ≏ 48 | 7°28 | 11° 1 | 25°20 | 4° 9 | 7° 4 | 25°29 | 21°31 | 7°38 | 6°23 | 7° 9 | 28°16 | 3°57 | F 10 |
| S 11 | 3 21 46 | 18°37'57 | 22°32 | 6°51 | 12°13 | 25°58 | 4°21 | 7°11 | 25°27 | 21°33 | 7°40 | 6°21 | 7° 6 | 28°23 | 3°57 | S 11 |
| S 12 | 3 25 42 | 19°37'30 | 7 M .34 | 6°24 | 13°25 | 26°36 | 4°32 | 7°19 | 25°25 | 21°35 | 7°42 | 6°19 | 7° 2 | 28°30 | 3°57 | S 12 |
| M13 | 3 29 39 | 20°37'06 | 22°45 | 6° 9 | 14°37 | 27°14 | 4°43 | 7°26 | 25°23 | 21°37 | 7°43 | 6°17 | 6°59 | 28°36 | 3°D57 | M13 |
| T 14 | 3 33 35 | 21°36'43 | 7 .₹ 57 | 6°D 5 | 15°49 | 27°52 | 4°55 | 7°33 | 25°21 | 21°39 | 7°45 | 6°D17 | 6°56 | 28°43 | 3°57 | T 14 |
| W15 | 3 37 32 | 22°36'22 | 22°59 | 6°12 | 17° 1 | 28°31 | 5° 6 | 7°41 | 25°19 | 21°41 | 7°47 | 6°18 | 6°53 | 28°50 | 3°57 | W15 |
| T 16 | 3 41 29 | 23°36'03 | 7 궁 45 | 6°29 | 18°13 | 29° 9 | 5°18 | 7°48 | 25°17 | 21°43 | 7°48 | 6°18 | 6°50 | 28°56 | 3°57 | T 16 |
| F 17 | 3 45 25 | 24°35'46 | 22° 7 | 6°57 | 19°26 | 29°47 | 5°30 | 7°55 | 25°15 | 21°45 | 7°50 | 6°19 | 6°47 | 29° 3 | 3°57 | F 17 |
| S 18 | 3 49 22 | 25°35'30 | 6≈ 4 | 7°34 | 20°38 | 0 M 25 | 5°41 | 8° 2 | 25°13 | 21°47 | 7°52 | 6°20 | 6°43 | 29°10 | 3°58 | S 18 |
| S 19 | 3 53 18 | 26°35'16 | 19°36 | 8°19 | 21°51 | 1° 3 | 5°53 | 8°10 | 25°11 | 21°49 | 7°53 | 6°21 | 6°40 | 29°16 | 3°58 | S 19 |
| M20 | 3 57 15 | 27°35'04 | 2) (44 | 9°13 | 23° 4 | 1°42 | 6° 5 | 8°17 | 25° 9 | 21°51 | 7°55 | 6°R21 | 6°37 | 29°23 | 3°59 | M20 |
| T 21 | 4 1 11 | 28°34'53 | 15°30 | 10°13 | 24°16 | 2°20 | 6°17 | 8°24 | 25° 7 | 21°53 | 7°56 | 6°20 | 6°34 | 29°30 | 3°59 | T 21 |
| W22 | 4 5 8 | 29°34'43 | 27°59 | 11°19 | 25°29 | 2°58 | 6°29 | 8°31 | 25° 4 | 21°55 | 7°58 | 6°20 | 6°31 | 29°36 | 4° 0 | W22 |
| T 23 | 4 9 4 | 0 ∡ ³34'35 | 10 Υ 13 | 12°30 | 26°42 | 3°36 | 6°41 | 8°38 | 25° 2 | 21°58 | 7°59 | 6°19 | 6°27 | 29°43 | 4° 0 | T 23 |
| F 24 | 4 13 1 | 1°34'29 | 22°16 | 13°45 | 27°55 | 4°15 | 6°53 | 8°45 | 25° 0 | 22° 0 | 8° 1 | 6°18 | 6°24 | 29°50 | 4° 1 | F 24 |
| S 25 | 4 16 58 | 2°34'25 | 4812 | 15° 5 | 29° 8 | 4°53 | 7° 6 | 8°52 | 24°58 | 22° 2 | 8° 2 | 6°18 | 6°21 | 29°56 | 4° 2 | S 25 |
| S 26 | 4 20 54 | 3°34'22 | 16° 2 | 16°28 | 0 M 21 | 5°31 | 7°18 | 8°59 | 24°55 | 22° 4 | 8° 3 | 6°17 | 6°18 | 0 I I 3 | 4° 3 | S 26 |
| M27 | 4 24 51 | 4°34'21 | 27°50 | 17°53 | 1°34 | 6° 9 | 7°30 | 9° 6 | 24°53 | 22° 6 | 8° 5 | 6°17 | 6°15 | 0° 9 | 4° 4 | M27 |
| T 28 | 4 28 47 | 5°34'22 | 9∏38 | 19°21 | 2°47 | 6°48 | 7°43 | 9°13 | 24°51 | 22° 8 | 8° 6 | 6°D17 | 6°12 | 0°16 | 4° 5 | T 28 |
| W29 | 4 32 44 | 6°34'24 | 21°28 | 20°51 | 4° 1 | 7°26 | 7°55 | 9°20 | 24°48 | 22°11 | 8° 7 | 6°R17 | 6° 8 | 0°23 | 4° 6 | W29 |
| T 30 | 4 36 40 | 7 . ₹34'29 | 39522 | 22 M 22 | 5 M .14 | 8 M 4 | 8 S 8 | 9 ™ 27 | 24 II 46 | 22 × 13 | 8 亞 9 | 6 Ⅱ 17 | 6耳 5 | 0 П 29 | 4 ∺ 7 | T 30 |

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| Day | Sid.t | \odot |) | φ | Q | o ⁷ | 4 | ħ |)∦(| ¥ | 5 | U | Ω | Ç | Š | Day |
|------|---------|-------------------|----------------|----------------|----------------|----------------|----------------|-----------------|--------|-----------------------------|---------------|---------------|----------------|---------------|----------------|------|
| F 1 | 4 40 37 | 8 ∡ ³34'35 | 159523 | 23M54 | 6ML27 | 8 M .42 | 8 る 20 | 9 M .34 | 24°R44 | 22 × 15 | 8 ₾ 10 | 6°R17 | 6 I I 2 | 0Д36 | 4) € 8 | F 1 |
| S 2 | 4 44 33 | 9°34'43 | 27°33 | 25°28 | 7°41 | 9°21 | 8°33 | 9°41 | 24∏41 | 22°17 | 8°11 | 6 I I7 | 5°59 | 0°43 | 4° 9 | S 2 |
| S 3 | 4 48 30 | 10°34'53 | 9Ω54 | 27° 2 | 8°54 | 9°59 | 8°46 | 9°47 | 24°39 | 22°19 | 8°12 | 6°16 | 5°56 | 0°49 | 4°10 | S 3 |
| M 4 | 4 52 27 | 11°35'05 | 22°31 | 28°37 | 10° 8 | 10°37 | 8°58 | 9°54 | 24°37 | 22°22 | 8°14 | 6°16 | 5°53 | 0°56 | 4°12 | M 4 |
| T 5 | 4 56 23 | 12°35'19 | 5Mp26 | 0 ₹ 12 | 11°22 | 11°16 | 9°11 | 10° 1 | 24°34 | 22°24 | 8°15 | 6°15 | 5°49 | 1° 3 | 4°13 | T 5 |
| W 6 | 5 0 20 | 13°35'35 | 18°43 | 1°47 | 12°35 | 11°54 | 9°24 | 10° 7 | 24°32 | 22°26 | 8°16 | 6°D15 | 5°46 | 1° 9 | 4°15 | W 6 |
| T 7 | 5 4 16 | 14°35'53 | 2 ₾ 23 | 3°23 | 13°49 | 12°32 | 9°37 | 10°14 | 24°29 | 22°28 | 8°17 | 6°16 | 5°43 | 1°16 | 4°16 | T 7 |
| F 8 | 5 8 13 | 15°36'13 | 16°27 | 4°59 | 15° 3 | 13°11 | 9°50 | 10°20 | 24°27 | 22°30 | 8°18 | 6°16 | 5°40 | 1°23 | 4°18 | F 8 |
| S 9 | 5 12 9 | 16°36'34 | 0 M 55 | 6°35 | 16°17 | 13°49 | 10° 3 | 10°27 | 24°24 | 22°33 | 8°19 | 6°17 | 5°37 | 1°29 | 4°19 | S 9 |
| S 10 | 5 16 6 | 17°36'58 | 15°44 | 8°11 | 17°31 | 14°27 | 10°16 | 10°33 | 24°22 | 22°35 | 8°20 | 6°18 | 5°33 | 1°36 | 4°21 | S 10 |
| M11 | 5 20 2 | 18°37'23 | 0 ∡ 147 | 9°47 | 18°45 | 15° 6 | 10°29 | 10°40 | 24°19 | 22°37 | 8°21 | 6°R19 | 5°30 | 1°42 | 4°23 | M11 |
| T 12 | 5 23 59 | 19°37'50 | 15°56 | 11°23 | 19°59 | 15°44 | 10°42 | 10°46 | 24°17 | 22°39 | 8°22 | 6°18 | 5°27 | 1°49 | 4°25 | T 12 |
| W13 | 5 27 56 | 20°38'19 | 1る3 | 12°58 | 21°13 | 16°22 | 10°55 | 10°53 | 24°14 | 22°42 | 8°23 | 6°18 | 5°24 | 1°56 | 4°27 | W13 |
| T 14 | 5 31 52 | 21°38'49 | 15°58 | 14°34 | 22°27 | 17° 1 | 11° 8 | 10°59 | 24°12 | 22°44 | 8°24 | 6°16 | 5°21 | 2° 2 | 4°29 | T 14 |
| F 15 | 5 35 49 | 22°39'20 | 0≈33 | 16° 9 | 23°41 | 17°39 | 11°21 | 11° 5 | 24° 9 | 22°46 | 8°25 | 6°14 | 5°18 | 2° 9 | 4°31 | F 15 |
| S 16 | 5 39 45 | 23°39'53 | 14°42 | 17°45 | 24°55 | 18°17 | 11°34 | 11°11 | 24° 7 | 22°48 | 8°25 | 6°12 | 5°14 | 2°16 | 4°33 | S 16 |
| S 17 | 5 43 42 | 24°40'26 | 28°24 | 19°20 | 26°10 | 18°56 | 11°48 | 11°17 | 24° 4 | 22°51 | 8°26 | 6° 9 | 5°11 | 2°22 | 4°35 | S 17 |
| M18 | 5 47 38 | 25°41'01 | 11 米 39 | 20°55 | 27°24 | 19°34 | 12° 1 | 11°23 | 24° 2 | 22°53 | 8°27 | 6° 8 | 5° 8 | 2°29 | 4°37 | M18 |
| T 19 | 5 51 35 | 26°41'37 | 24°28 | 22°30 | 28°38 | 20°12 | 12°14 | 11°29 | 23°59 | 22°55 | 8°28 | 6°D 7 | 5° 5 | 2°36 | 4°39 | T 19 |
| W20 | 5 55 32 | 27°42'13 | 6 Ƴ 56 | 24° 5 | 29°52 | 20°51 | 12°28 | 11°35 | 23°57 | 22°57 | 8°28 | 6° 8 | 5° 2 | 2°42 | 4°41 | W20 |
| T 21 | 5 59 28 | 28°42'51 | 19° 7 | 25°39 | 1 ×7 7 | 21°29 | 12°41 | 11°41 | 23°54 | 23° 0 | 8°29 | 6° 9 | 4°59 | 2°49 | 4°44 | T 21 |
| F 22 | 6 3 25 | 29°43'30 | 18 5 | 27°14 | 2°21 | 22° 7 | 12°54 | 11°47 | 23°52 | 23° 2 | 8°30 | 6°10 | 4°55 | 2°56 | 4°46 | F 22 |
| S 23 | 6 7 21 | 0 궁 44'10 | 12°56 | 28°48 | 3°36 | 22°46 | 13° 8 | 11°53 | 23°49 | 23° 4 | 8°30 | 6°12 | 4°52 | 3° 2 | 4°49 | S 23 |
| S 24 | 6 11 18 | 1°44'51 | 24°43 | 0る22 | 4°50 | 23°24 | 13°21 | 11°58 | 23°47 | 23° 6 | 8°31 | 6°14 | 4°49 | 3° 9 | 4°51 | S 24 |
| M25 | 6 15 14 | 2°45'33 | 6 Ⅱ 30 | 1°57 | 6° 5 | 24° 3 | 13°35 | 12° 4 | 23°44 | 23° 9 | 8°31 | 6°R14 | 4°46 | 3°16 | 4°54 | M25 |
| T 26 | 6 19 11 | 3°46'17 | 18°21 | 3°31 | 7°19 | 24°41 | 13°48 | 12° 9 | 23°42 | 23°11 | 8°32 | 6°13 | 4°43 | 3°22 | 4°56 | T 26 |
| W27 | 6 23 7 | 4°47'01 | 09517 | 5° 5 | 8°34 | 25°19 | 14° 2 | 12°15 | 23°39 | 23°13 | 8°32 | 6°11 | 4°39 | 3°29 | 4°59 | W27 |
| T 28 | 6 27 4 | 5°47'46 | 12°21 | 6°39 | 9°48 | 25°58 | 14°15 | 12°20 | 23°37 | 23°15 | 8°33 | 6° 8 | 4°36 | 3°35 | 5° 2 | T 28 |
| F 29 | 6 31 1 | 6°48'33 | 24°34 | 8°13 | 11° 3 | 26°36 | 14°29 | 12°26 | 23°34 | 23°18 | 8°33 | 6° 3 | 4°33 | 3°42 | 5° 5 | F 29 |
| S 30 | 6 34 57 | 7°49'21 | 6 Ω 58 | 9°47 | 12°18 | 27°15 | 14°42 | 12°31 | 23°32 | 23°20 | 8°34 | 5°57 | 4°30 | 3°49 | 5° 7 | S 30 |
| S 31 | 6 38 54 | 8 ට 50'09 | 19 Ω 33 | 11 る 22 | 13 × 32 | 27 M 53 | 14 궁 56 | 12 M .36 | 23耳30 | 23 × ⁷ 22 | 8 ≏ 34 | 5 Ⅱ 51 | 4 Ⅱ 27 | 3 Ⅱ 55 | 5 ∺ 10 | S 31 |

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JANUARY 3455 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q | ♂ | 4 | ħ |)∤(| 并 | Р | u | v | Ç | o k | Day |
|------|---------|------------------|-----------------|----------------|-----------------|------------------|----------------|-----------------|--------|----------------|---------------|---------------|---------------|---------------|---------------|------|
| M 1 | 6 42 50 | 9 ට 50'59 | 2 Mp 21 | 12 る 56 | 14 ×7 47 | 28MJ31 | 15 る 10 | 12 M .41 | 23°R27 | 23 × 24 | 8 ≏ 34 | 5°R46 | 4 Ⅱ 24 | 4 II 2 | 5) 13 | M 1 |
| T 2 | 6 46 47 | 10°51'50 | 15°23 | 14°30 | 16° 2 | 29°10 | 15°23 | 12°46 | 23Ⅲ25 | 23°26 | 8°35 | 5 Ⅱ 42 | 4°20 | 4° 9 | 5°16 | T 2 |
| W 3 | 6 50 43 | 11°52'43 | 28°40 | 16° 4 | 17°16 | 29°48 | 15°37 | 12°51 | 23°22 | 23°28 | 8°35 | 5°39 | 4°17 | 4°15 | 5°19 | W 3 |
| T 4 | 6 54 40 | 12°53'36 | 12 ≏ 14 | 17°38 | 18°31 | 0 ∡ 127 | 15°50 | 12°56 | 23°20 | 23°31 | 8°35 | 5°D38 | 4°14 | 4°22 | 5°22 | T 4 |
| F 5 | 6 58 36 | 13°54'31 | 26° 6 | 19°13 | 19°46 | 1° 5 | 16° 4 | 13° 1 | 23°18 | 23°33 | 8°35 | 5°39 | 4°11 | 4°29 | 5°25 | F 5 |
| S 6 | 7 2 33 | 14°55'26 | 10 M .15 | 20°47 | 21° 1 | 1°44 | 16°18 | 13° 6 | 23°16 | 23°35 | 8°35 | 5°40 | 4° 8 | 4°35 | 5°28 | S 6 |
| S 7 | 7 6 30 | 15°56'23 | 24°42 | 22°22 | 22°16 | 2°22 | 16°31 | 13°10 | 23°13 | 23°37 | 8°36 | 5°42 | 4° 5 | 4°42 | 5°32 | S 7 |
| M 8 | 7 10 26 | 16°57'21 | 9 . ₹23 | 23°57 | 23°31 | 3° 1 | 16°45 | 13°15 | 23°11 | 23°39 | 8°36 | 5°R42 | 4° 1 | 4°49 | 5°35 | M 8 |
| T 9 | 7 14 23 | 17°58'20 | 24°13 | 25°32 | 24°45 | 3°39 | 16°58 | 13°20 | 23° 9 | 23°41 | 8°36 | 5°41 | 3°58 | 4°55 | 5°38 | T 9 |
| W10 | 7 18 19 | 18°59'20 | 9중 6 | 27° 6 | 26° 0 | 4°18 | 17°12 | 13°24 | 23° 7 | 23°43 | 8°R36 | 5°37 | 3°55 | 5° 2 | 5°41 | W10 |
| T 11 | 7 22 16 | 20° 0'21 | 23°53 | 28°41 | 27°15 | 4°56 | 17°26 | 13°28 | 23° 4 | 23°45 | 8°36 | 5°31 | 3°52 | 5° 8 | 5°45 | T 11 |
| F 12 | 7 26 12 | 21° 1'22 | 8≈26 | 0≈16 | 28°30 | 5°34 | 17°39 | 13°33 | 23° 2 | 23°47 | 8°36 | 5°24 | 3°49 | 5°15 | 5°48 | F 12 |
| S 13 | 7 30 9 | 22° 2'24 | 22°39 | 1°52 | 29°45 | 6°13 | 17°53 | 13°37 | 23° 0 | 23°50 | 8°36 | 5°16 | 3°45 | 5°22 | 5°52 | S 13 |
| S 14 | 7 34 6 | 23° 3'26 | 6 ∺ 27 | 3°27 | 1る 0 | 6°51 | 18° 7 | 13°41 | 22°58 | 23°52 | 8°36 | 5° 8 | 3°42 | 5°28 | 5°55 | S 14 |
| M15 | 7 38 2 | 24° 4'28 | 19°47 | 5° 2 | 2°15 | 7°30 | 18°20 | 13°45 | 22°56 | 23°54 | 8°35 | 5° 2 | 3°39 | 5°35 | 5°59 | M15 |
| T 16 | 7 41 59 | 25° 5'30 | 2 Υ 42 | 6°37 | 3°30 | 8° 8 | 18°34 | 13°49 | 22°54 | 23°56 | 8°35 | 4°57 | 3°36 | 5°42 | 6° 2 | T 16 |
| W17 | 7 45 55 | 26° 6'33 | 15°13 | 8°12 | 4°45 | 8°47 | 18°47 | 13°53 | 22°52 | 23°58 | 8°35 | 4°54 | 3°33 | 5°48 | 6° 6 | W17 |
| T 18 | 7 49 52 | 27° 7'36 | 27°26 | 9°47 | 6° 0 | 9°25 | 19° 1 | 13°56 | 22°50 | 24° 0 | 8°35 | 4°D54 | 3°30 | 5°55 | 6° 9 | T 18 |
| F 19 | 7 53 48 | 28° 8'39 | 9824 | 11°22 | 7°15 | 10° 4 | 19°15 | 14° 0 | 22°48 | 24° 1 | 8°34 | 4°54 | 3°26 | 6° 2 | 6°13 | F 19 |
| S 20 | 7 57 45 | 29° 9'42 | 21°14 | 12°56 | 8°30 | 10°42 | 19°28 | 14° 4 | 22°46 | 24° 3 | 8°34 | 4°55 | 3°23 | 6° 8 | 6°17 | S 20 |
| S 21 | 8 1 41 | 0≈10'45 | 3 I 0 | 14°30 | 9°45 | 11°21 | 19°42 | 14° 7 | 22°44 | 24° 5 | 8°34 | 4°R56 | 3°20 | 6°15 | 6°21 | S 21 |
| M22 | 8 5 38 | 1°11'48 | 14°49 | 16° 3 | 11° 1 | 11°59 | 19°55 | 14°10 | 22°43 | 24° 7 | 8°33 | 4°56 | 3°17 | 6°22 | 6°24 | M22 |
| T 23 | 8 9 35 | 2°12'52 | 26°43 | 17°36 | 12°16 | 12°38 | 20° 9 | 14°14 | 22°41 | 24° 9 | 8°33 | 4°53 | 3°14 | 6°28 | 6°28 | T 23 |
| W24 | 8 13 31 | 3°13'55 | 89647 | 19° 8 | 13°31 | 13°16 | 20°22 | 14°17 | 22°39 | 24°11 | 8°33 | 4°48 | 3°11 | 6°35 | 6°32 | W24 |
| T 25 | 8 17 28 | 4°14'58 | 21° 2 | 20°39 | 14°46 | 13°55 | 20°36 | 14°20 | 22°37 | 24°13 | 8°32 | 4°40 | 3° 7 | 6°41 | 6°36 | T 25 |
| F 26 | 8 21 24 | 5°16'02 | 3 Ω 31 | 22° 8 | 16° 1 | 14°33 | 20°49 | 14°23 | 22°36 | 24°15 | 8°32 | 4°30 | 3° 4 | 6°48 | 6°40 | F 26 |
| S 27 | 8 25 21 | 6°17'05 | 16°14 | 23°36 | 17°16 | 15°12 | 21° 3 | 14°26 | 22°34 | 24°16 | 8°31 | 4°19 | 3° 1 | 6°55 | 6°44 | S 27 |
| S 28 | 8 29 17 | 7°18'09 | 29°10 | 25° 1 | 18°31 | 15°50 | 21°16 | 14°29 | 22°32 | 24°18 | 8°31 | 4° 7 | 2°58 | 7° 1 | 6°48 | S 28 |
| M29 | 8 33 14 | 8°19'13 | 12 m 19 | 26°25 | 19°46 | 16°28 | 21°29 | 14°31 | 22°31 | 24°20 | 8°30 | 3°56 | 2°55 | 7° 8 | 6°52 | M29 |
| T 30 | 8 37 10 | 9°20'17 | 25°39 | 27°45 | 2 <u>1°</u> 1 | 17° 7 | 2 <u>1</u> °43 | 14°34 | 22°29 | 24°22 | 8°29 | 3°47 | 2°51 | 7°15 | 6°56 | T 30 |
| W31 | 8 41 7 | 10≈21'20 | 9 ₾ 9 | 29≈≈ 2 | 22 궁 17 | 17 . 7⁴45 | 21 궁 56 | 14M36 | 22∏28 | 24 × 23 | 8 ჲ 29 | 3 Ⅱ 40 | 2 Ⅱ 48 | 7 Ⅱ 21 | 7 ∺ 0 | W31 |

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| | | | | | | | | | - | | | | | | | |
| T 1 | 8 45 4 | 11≈22'25 | 22 Ω 50 | 0 ₩15 | 23 ~ 32 | 18 ∡ 724 19°2 | 22중 9 | 14M.39 | 22°R26 | 24×725 | 8°R28 | 3°R36 | 2 ∏ 45 | 7 Ⅱ 28 | 7 ∺ 4 7° 8 | T 1 |
| F 2 S 3 | 8 49 0 | 12°23'29 | 6MJ39 20°39 | 1°23 2°27 | 24°47 | | 22°23 | 14°41 | 22 II 25 | 24°27 | 8 Ω 27 | 3 II 35 | 2°42 | 7°35 | 7° 8 7°12 | F 2 S 3 |
| 5 3 | 8 52 57 | 13°24'33 | 20-39 | 2-21 | 26° 2 | 19°41 | 22°36 | 14°43 | 22°24 | 24°28 | 8°27 | 3°D35 | 2°39 | 7°41 | 7-12 | 5 3 |
| S 4 | 8 56 53 | 14°25'38 | 4 ₹ 48 | 3°23 | 27°17 | 20°19 | 22°49 | 14°45 | 22°22 | 24°30 | 8°26 | 3°R35 | 2°36 | 7°48 | 7°16 | S 4 |
| M 5 | 9 0 50 | 15°26'43 | 19° 6 | 4°13 | 28°33 | 20°58 | 23° 2 | 14°47 | 22°21 | 24°32 | 8°25 | 3°34 | 2°32 | 7°55 | 7°20 | M 5 |
| T 6 | 9 4 46 | 16°27'48 | 3 る 30 | 4°55 | 29°48 | 21°36 | 23°15 | 14°49 | 22°20 | 24°33 | 8°24 | 3°31 | 2°29 | 8° 1 | 7°24 | T 6 |
| W 7 | 9 8 43 | 17°28'53 | 17°56 | 5°28 | 1≈ 3 | 22°15 | 23°29 | 14°51 | 22°19 | 24°35 | 8°23 | 3°25 | 2°26 | 8° 8 | 7°28 | W 7 |
| T 8 | 9 12 39 | 18°29'57 | 2≈20 | 5°52 | 2°18 | 22°53 | 23°42 | 14°53 | 22°18 | 24°36 | 8°23 | 3°16 | 2°23 | 8°15 | 7°33 | T 8 |
| F 9 | 9 16 36 | 19°31'01 | 16°35 | 6° 5 | 3°34 | 23°32 | 23°55 | 14°54 | 22°17 | 24°38 | 8°22 | 3° 5 | 2°20 | 8°21 | 7°37 | F 9 |
| S 10 | 9 20 33 | 20°32'05 | 0 ∺ 35 | 6°R 7 | 4°49 | 24°10 | 24° 8 | 14°56 | 22°16 | 24°39 | 8°21 | 2°52 | 2°17 | 8°28 | 7°41 | S 10 |
| S 11 | 9 24 29 | 21°33'08 | 14°16 | 5°57 | 6° 4 | 24°49 | 24°20 | 14°57 | 22°15 | 24°41 | 8°20 | 2°40 | 2°13 | 8°34 | 7°45 | S 11 |
| M12 | 9 28 26 | 22°34'11 | 27°35 | 5°36 | 7°19 | 25°27 | 24°33 | 14°58 | 22°14 | 24°42 | 8°19 | 2°29 | 2°10 | 8°41 | 7°49 | M12 |
| T 13 | 9 32 22 | 23°35'13 | 10 Y 30 | 5° 3 | 8°35 | 26° 6 | 24°46 | 15° 0 | 22°13 | 24°43 | 8°18 | 2°20 | 2° 7 | 8°48 | 7°54 | T 13 |
| W14 | 9 36 19 | 24°36'14 | 23° 3 | 4°19 | 9°50 | 26°44 | 24°59 | 15° 1 | 22°12 | 24°45 | 8°17 | 2°13 | 2° 4 | 8°54 | 7°58 | W14 |
| T 15 | 9 40 15 | 25°37'14 | 5 8 17 | 3°25 | 11° 5 | 27°23 | 25°12 | 15° 2 | 22°11 | 24°46 | 8°16 | 2°10 | 2° 1 | 9° 1 | 8° 2 | T 15 |
| F 16 | 9 44 12 | 26°38'14 | 17°17 | 2°23 | 12°20 | 28° 1 | 25°24 | 15° 2 | 22°11 | 24°47 | 8°15 | 2° 8 | 1°57 | 9° 8 | 8° 7 | F 16 |
| S 17 | 9 48 8 | 27°39'12 | 29° 8 | 1°14 | 13°36 | 28°40 | 25°37 | 15° 3 | 22°10 | 24°49 | 8°13 | 2° 8 | 1°54 | 9°14 | 8°11 | S 17 |
| S 18 | 9 52 5 | 28°40'10 | 10Ⅲ55 | 0° 1 | 14°51 | 29°18 | 25°50 | 15° 4 | 22° 9 | 24°50 | 8°12 | 2° 8 | 1°51 | 9°21 | 8°15 | S 18 |
| M19 | 9 56 2 | 29°41'06 | 22°44 | 28≈45 | 16° 6 | 29°56 | 26° 2 | 15° 4 | 22° 9 | 24°51 | 8°11 | 2° 7 | 1°48 | 9°28 | 8°20 | M19 |
| T 20 | 9 59 58 | 0) 42′02 | 49541 | 27°29 | 17°21 | 0 ට 35 | 26°15 | 15° 5 | 22° 8 | 24°52 | 8°10 | 2° 3 | 1°45 | 9°34 | 8°24 | T 20 |
| W21 | 10 3 55 | 1°42'57 | 16°50 | 26°16 | 18°37 | 1°13 | 26°27 | 15° 5 | 22° 8 | 24°53 | 8° 9 | 1°57 | 1°42 | 9°41 | 8°28 | W21 |
| T 22 | 10 7 51 | 2°43'50 | 29°14 | 25° 6 | 19°52 | 1°52 | 26°39 | 15° 5 | 22° 8 | 24°55 | 8° 8 | 1°49 | 1°38 | 9°48 | 8°33 | T 22 |
| F 23 | 10 11 48 | 3°44'43 | 11 £ 56 | 24° 2 | 21° 7 | 2°30 | 26°52 | 15°R 5 | 22° 7 | 24°56 | 8° 6 | 1°37 | 1°35 | 9°54 | 8°37 | F 23 |
| S 24 | 10 15 44 | 4°45'34 | 24°56 | 23° 5 | 22°22 | 3° 9 | 27° 4 | 15° 5 | 22° 7 | 24°57 | 8° 5 | 1°24 | 1°32 | 10° 1 | 8°41 | S 24 |
| S 25 | 10 19 41 | 5°46'25 | 8 m)14 | 22°15 | 23°37 | 3°47 | 27°16 | 15° 5 | 22° 7 | 24°58 | 8° 4 | 1°11 | 1°29 | 10° 7 | 8°46 | S 25 |
| M26 | 10 23 37 | 6°47'14 | 21°48 | 21°34 | 24°53 | 4°25 | 27°28 | 15° 5 | 22° 6 | 24°59 | 8° 3 | 0°58 | 1°26 | 10°14 | 8°50 | M26 |
| T 27 | 10 27 34 | 7°48'03 | 5 ≙ 34 | 21° 2 | 26° 8 | 5° 4 | 27°40 | 15° 4 | 22° 6 | 25° 0 | 8° 1 | 0°47 | 1°23 | 10°21 | 8°54 | T 27 |
| W28 | 10 31 31 | 8) 48'50 | 19 ≏ 28 | 20≈38 | 27≈23 | 5 る 42 | 27 る 52 | 15 M 4 | 22 II 6 | 25 × 1 | 8 亚 0 | 0Д39 | 1 I I19 | 10 Ⅱ 27 | 8 ∺ 59 | W28 |

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|------|----------|--------------------|----------------|----------------|---------------|----------------|-------|---------------|-----------------|----------------|---------------|----------------|----------------|----------------|---------------|------|
| T 1 | 10 35 27 | 9) (49'37 | 3M28 | 20°R22 | 28≈38 | 6 ප 21 | 28중 4 | 15°R 3 | 22°D 6 | 25 × 2 | 7°R59 | 0°R34 | 1 I I16 | 10 Ⅲ 34 | 9) 3 | T 1 |
| F 2 | 10 39 24 | 10°50'23 | 17°32 | 20°D14 | 29°54 | 6°59 | 28°16 | 15 M 3 | 22 II 6 | 25° 2 | 7 ≙ 57 | 0Д32 | 1°13 | 10°41 | 9° 7 | F 2 |
| S 3 | 10 43 20 | 11°51'09 | 1 ₹ 36 | 20≈14 | 1 米 9 | 7°37 | 28°27 | 15° 2 | 22° 6 | 25° 3 | 7°56 | 0°D32 | 1°10 | 10°47 | 9°12 | S 3 |
| S 4 | 10 47 17 | 12°51'53 | 15°41 | 20°21 | 2°24 | 8°16 | 28°39 | 15° 1 | 22° 6 | 25° 4 | 7°54 | 0°R32 | 1° 7 | 10°54 | 9°16 | S 4 |
| M 5 | 10 51 13 | 13°52'37 | 29°46 | 20°35 | 3°39 | 8°54 | 28°51 | 15° 0 | 22° 7 | 25° 5 | 7°53 | 0°31 | 1° 3 | 11° 1 | 9°21 | M 5 |
| T 6 | 10 55 10 | 14°53'20 | 13 る 49 | 20°56 | 4°54 | 9°32 | 29° 2 | 14°59 | 22° 7 | 25° 6 | 7°52 | 0°28 | 1° 0 | 11° 7 | 9°25 | T 6 |
| W 7 | 10 59 6 | 15°54'01 | 27°50 | 21°21 | 6°10 | 10°11 | 29°14 | 14°58 | 22° 7 | 25° 6 | 7°50 | 0°22 | 0°57 | 11°14 | 9°29 | W 7 |
| T 8 | 11 3 3 | 16°54'42 | 11 ≈ 46 | 21°53 | 7°25 | 10°49 | 29°25 | 14°56 | 22° 7 | 25° 7 | 7°49 | 0°14 | 0°54 | 11°21 | 9°34 | T 8 |
| F 9 | 11 7 0 | 17°55'22 | 25°34 | 22°29 | 8°40 | 11°27 | 29°36 | 14°55 | 22° 8 | 25° 8 | 7°47 | 0° 3 | 0°51 | 11°27 | 9°38 | F 9 |
| S 10 | 11 10 56 | 18°56'00 | 9 米 11 | 23° 9 | 9°55 | 12° 6 | 29°47 | 14°53 | 22° 8 | 25° 8 | 7°46 | 29 8 51 | 0°48 | 11°34 | 9°42 | S 10 |
| S 11 | 11 14 53 | 19°56'37 | 22°32 | 23°54 | 11°10 | 12°44 | 29°58 | 14°52 | 22° 9 | 25° 9 | 7°44 | 29°39 | 0°44 | 11°41 | 9°46 | S 11 |
| M12 | 11 18 49 | 20°57'13 | 5 Υ 36 | 24°42 | 12°26 | 13°22 | 0≈ 9 | 14°50 | 22° 9 | 25° 9 | 7°43 | 29°28 | 0°41 | 11°47 | 9°51 | M12 |
| T 13 | 11 22 46 | 21°57'47 | 18°22 | 25°34 | 13°41 | 14° 1 | 0°20 | 14°48 | 22°10 | 25°10 | 7°41 | 29°19 | 0°38 | 11°54 | 9°55 | T 13 |
| W14 | 11 26 42 | 22°58'20 | 0 8 51 | 26°29 | 14°56 | 14°39 | 0°31 | 14°46 | 22°11 | 25°10 | 7°40 | 29°12 | 0°35 | 12° 0 | 9°59 | W14 |
| T 15 | 11 30 39 | 23°58'51 | 13° 3 | 27°27 | 16°11 | 15°17 | 0°42 | 14°44 | 22°11 | 25°11 | 7°38 | 29° 8 | 0°32 | 12° 7 | 10° 4 | T 15 |
| F 16 | 11 34 35 | 24°59'20 | 25° 2 | 28°28 | 17°26 | 15°55 | 0°52 | 14°42 | 22°12 | 25°11 | 7°37 | 29°D 7 | 0°29 | 12°14 | 10° 8 | F 16 |
| S 17 | 11 38 32 | 25°59'48 | 6П54 | 29°32 | 18°41 | 16°33 | 1° 3 | 14°40 | 22°13 | 25°12 | 7°35 | 29° 7 | 0°25 | 12°20 | 10°12 | S 17 |
| S 18 | 11 42 28 | 27° 0'14 | 18°41 | 0) €37 | 19°56 | 17°12 | 1°13 | 14°38 | 22°14 | 25°12 | 7°34 | 29° 8 | 0°22 | 12°27 | 10°16 | S 18 |
| M19 | 11 46 25 | 28° 0'38 | 0ഇ31 | 1°45 | 21°12 | 17°50 | 1°24 | 14°35 | 22°15 | 25°12 | 7°32 | 29°R 8 | 0°19 | 12°34 | 10°21 | M19 |
| T 20 | 11 50 22 | 29° 1'01 | 12°28 | 2°55 | 22°27 | 18°28 | 1°34 | 14°33 | 22°16 | 25°12 | 7°30 | 29° 7 | 0°16 | 12°40 | 10°25 | T 20 |
| W21 | 11 54 18 | 0 Υ 1'21 | 24°38 | 4° 7 | 23°42 | 19° 6 | 1°44 | 14°30 | 22°17 | 25°13 | 7°29 | 29° 4 | 0°13 | 12°47 | 10°29 | W21 |
| T 22 | 11 58 15 | 1° 1'40 | 7 Ω 5 | 5°21 | 24°57 | 19°44 | 1°54 | 14°28 | 22°18 | 25°13 | 7°27 | 28°58 | 0° 9 | 12°54 | 10°33 | T 22 |
| F 23 | 12 2 11 | 2° 1'57 | 19°52 | 6°36 | 26°12 | 20°22 | 2° 4 | 14°25 | 22°19 | 25°13 | 7°26 | 28°51 | 0° 6 | 13° 0 | 10°37 | F 23 |
| S 24 | 12 6 8 | 3° 2'12 | 3 Mg 2 | 7°53 | 27°27 | 21° 0 | 2°14 | 14°22 | 22°20 | 25°13 | 7°24 | 28°42 | 0° 3 | 13° 7 | 10°41 | S 24 |
| S 25 | 12 10 4 | 4° 2'25 | 16°35 | 9°12 | 28°42 | 21°38 | 2°23 | 14°19 | 22°21 | 25°13 | 7°23 | 28°32 | 29 8 59 | 13°14 | 10°45 | S 25 |
| M26 | 12 14 1 | 5° 2'36 | 0 ჲ 29 | 10°32 | 29°57 | 22°16 | 2°33 | 14°16 | 22°23 | 25°13 | 7°21 | 28°23 | 29°57 | 13°20 | 10°49 | M26 |
| T 27 | 12 17 57 | 6° 2'45 | 14°39 | 11°54 | 1 Υ 12 | 22°54 | 2°42 | 14°13 | 22°24 | 25°R13 | 7°19 | 28°15 | 29°54 | 13°27 | 10°53 | T 27 |
| W28 | 12 21 54 | 7° 2'53 | 29° 1 | 13°17 | 2°27 | 23°32 | 2°52 | 14°10 | 22°25 | 25°13 | 7°18 | 28° 9 | 29°50 | 13°34 | 10°57 | W28 |
| T 29 | 12 25 51 | 8° 3'00 | 13 M 28 | 14°41 | 3°42 | 24°10 | 3° 1 | 14° 7 | 22°27 | 25°13 | 7°16 | 28° 6 | 29°47 | 13°40 | 11° 1 | T 29 |
| F 30 | 12 29 47 | 9° 3'05 | 27°56 | 16° 7 | 4°57 | 24°48 | 3°10 | 14° 3 | 22°28 | 25°13 | 7°15 | 28°D 5 | 29°44 | 13°47 | 11° 5 | F 30 |
| S 31 | 12 33 44 | 10 Y 3'08 | 12 × 19 | 17) 34 | 6 Υ 12 | 25 궁 26 | 3≈19 | 14 ጤ 0 | 22 II 30 | 25 ∡ 13 | 7 ₽ 13 | 28 8 6 | 29841 | 13耳53 | 11 米 9 | S 31 |

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| S 1 | 12 37 40 | 11 ° 3'10 | 26 ₮ 35 | 19 米 2 | 7 ℃ 27 | 26 궁 4 | 3≈28 | 13°R57 | 22 II 31 | 25°R13 | 7°R11 | 28 8 7 | 29 8 38 | 14 I I 0 | 11) 13 | S 1 |
| M 2 | 12 41 37 | 12° 3'10 | 10 ට 42 | 20°32 | 8°42 | 26°42 | 3°37 | 13 M .53 | 22°33 | 25 × 13 | 7 ≙ 10 | 28°R 8 | 29°34 | 14° 7 | 11°17 | M 2 |
| T 3 | 12 45 33 | 13° 3'09 | 24°39 | 22° 3 | 9°57 | 27°20 | 3°45 | 13°50 | 22°34 | 25°13 | 7° 8 | 28° 7 | 29°31 | 14°13 | 11°21 | T 3 |
| W 4 | 12 49 30 | 14° 3'07 | 8≈25 | 23°35 | 11°12 | 27°58 | 3°54 | 13°46 | 22°36 | 25°12 | 7° 7 | 28° 5 | 29°28 | 14°20 | 11°25 | W 4 |
| T 5 | 12 53 26 | 15° 3'03 | 21°59 | 25° 8 | 12°27 | 28°36 | 4° 2 | 13°42 | 22°38 | 25°12 | 7° 5 | 28° 0 | 29°25 | 14°27 | 11°29 | T 5 |
| F 6 | 12 57 23 | 16° 2'57 | 5 ∺ 22 | 26°42 | 13°41 | 29°14 | 4°11 | 13°38 | 22°40 | 25°12 | 7° 4 | 27°54 | 29°22 | 14°33 | 11°32 | F 6 |
| S 7 | 13 1 20 | 17° 2'49 | 18°33 | 28°18 | 14°56 | 29°52 | 4°19 | 13°34 | 22°41 | 25°12 | 7° 2 | 27°47 | 29°19 | 14°40 | 11°36 | S 7 |
| S 8 | 13 5 16 | 18° 2'40 | 1 Y 30 | 29°55 | 16°11 | 0≈29 | 4°27 | 13°30 | 22°43 | 25°11 | 7° 0 | 27°40 | 29°15 | 14°47 | 11°40 | S 8 |
| M 9 | 13 9 13 | 19° 2'29 | 14°14 | 1 ° 33 | 17°26 | 1° 7 | 4°35 | 13°27 | 22°45 | 25°11 | 6°59 | 27°33 | 29°12 | 14°53 | 11°44 | M 9 |
| T 10 | 13 13 9 | 20° 2'16 | 26°44 | 3°12 | 18°41 | 1°45 | 4°42 | 13°22 | 22°47 | 25°10 | 6°57 | 27°28 | 29° 9 | 15° 0 | 11°47 | T 10 |
| W11 | 13 17 6 | 21° 2'01 | 9 8 1 | 4°53 | 19°56 | 2°22 | 4°50 | 13°18 | 22°49 | 25°10 | 6°56 | 27°24 | 29° 6 | 15° 7 | 11°51 | W11 |
| T 12 | 13 21 2 | 22° 1'44 | 21° 6 | 6°34 | 21°10 | 3° 0 | 4°57 | 13°14 | 22°51 | 25° 9 | 6°54 | 27°23 | 29° 3 | 15°13 | 11°54 | T 12 |
| F 13 | 13 24 59 | 23° 1'25 | 3 II 2 | 8°17 | 22°25 | 3°38 | 5° 5 | 13°10 | 22°53 | 25° 9 | 6°53 | 27°D23 | 29° 0 | 15°20 | 11°58 | F 13 |
| S 14 | 13 28 55 | 24° 1'04 | 14°52 | 10° 1 | 23°40 | 4°15 | 5°12 | 13° 6 | 22°56 | 25° 8 | 6°51 | 27°24 | 28°56 | 15°27 | 12° 1 | S 14 |
| S 15 | 13 32 52 | 25° 0'41 | 26°40 | 11°47 | 24°55 | 4°53 | 5°19 | 13° 2 | 22°58 | 25° 8 | 6°50 | 27°25 | 28°53 | 15°33 | 12° 5 | S 15 |
| M16 | 13 36 49 | 26° 0'16 | 8 9 29 | 13°34 | 26° 9 | 5°30 | 5°26 | 12°57 | 23° 0 | 25° 7 | 6°48 | 27°27 | 28°50 | 15°40 | 12° 8 | M16 |
| T 17 | 13 40 45 | 26°59'49 | 20°25 | 15°22 | 27°24 | 6° 8 | 5°32 | 12°53 | 23° 2 | 25° 6 | 6°47 | 27°28 | 28°47 | 15°47 | 12°12 | T 17 |
| W18 | 13 44 42 | 27°59'19 | 2⋒34 | 17°11 | 28°39 | 6°45 | 5°39 | 12°48 | 23° 4 | 25° 6 | 6°45 | 27°R28 | 28°44 | 15°53 | 12°15 | W18 |
| T 19 | 13 48 38 | 28°58'47 | 14°59 | 19° 2 | 29°54 | 7°22 | 5°45 | 12°44 | 23° 7 | 25° 5 | 6°44 | 27°27 | 28°40 | 16° 0 | 12°18 | T 19 |
| F 20 | 13 52 35 | 29°58'13 | 27°45 | 20°54 | 18 8 | 8° 0 | 5°51 | 12°40 | 23° 9 | 25° 4 | 6°42 | 27°25 | 28°37 | 16° 6 | 12°22 | F 20 |
| S 21 | 13 56 31 | 0 8 57'37 | 10 m 56 | 22°47 | 2°23 | 8°37 | 5°58 | 12°35 | 23°12 | 25° 4 | 6°41 | 27°22 | 28°34 | 16°13 | 12°25 | S 21 |
| S 22 | 14 0 28 | 1°56'58 | 24°32 | 24°42 | 3°37 | 9°14 | 6° 4 | 12°31 | 23°14 | 25° 3 | 6°39 | 27°18 | 28°31 | 16°20 | 12°28 | S 22 |
| M23 | 14 4 24 | 2°56'18 | 8 ≏ 34 | 26°38 | 4°52 | 9°51 | 6° 9 | 12°26 | 23°17 | 25° 2 | 6°38 | 27°14 | 28°28 | 16°26 | 12°31 | M23 |
| T 24 | 14 8 21 | 3°55'35 | 22°58 | 28°35 | 6° 7 | 10°29 | 6°15 | 12°21 | 23°19 | 25° 1 | 6°37 | 27°11 | 28°25 | 16°33 | 12°34 | T 24 |
| W25 | 14 12 17 | 4°54'50 | 7 M 39 | 0 8 33 | 7°21 | 11° 6 | 6°20 | 12°17 | 23°22 | 25° 0 | 6°35 | 27° 9 | 28°21 | 16°40 | 12°37 | W25 |
| T 26 | 14 16 14 | 5°54'03 | 22°30 | 2°33 | 8°36 | 11°43 | 6°26 | 12°12 | 23°24 | 24°59 | 6°34 | 27°D 8 | 28°18 | 16°46 | 12°40 | T 26 |
| F 27 | 14 20 11 | 6°53'15 | 7 . ₹23 | 4°34 | 9°50 | 12°20 | 6°31 | 12° 8 | 23°27 | 24°58 | 6°33 | 27° 8 | 28°15 | 16°53 | 12°43 | F 27 |
| S 28 | 14 24 7 | 7°52'24 | 22°12 | 6°36 | 11° 5 | 12°57 | 6°36 | 12° 3 | 23°29 | 24°58 | 6°31 | 27° 9 | 28°12 | 17° 0 | 12°46 | S 28 |
| S 29 | 14 28 4 | 8°51'32 | 6 පි 49 | 8°39 | 12°19 | 13°34 | 6°41 | 11°58 | 23°32 | 24°57 | 6°30 | 27°10 | 28° 9 | 17° 6 | 12°49 | S 29 |
| M30 | 14 32 0 | 9 8 50'39 | 21 궁 10 | 10843 | 13 8 34 | 14≈11 | 6≈45 | 11 M 54 | 23 Ⅲ 35 | 24 × 756 | 6 ₽ 29 | 27812 | 28 8 6 | 17 Ⅱ 13 | 12) 52 | M30 |

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| T 1 | 14 35 57 | 10849'43 | 5≈13 | 12847 | 14848 | 14≈47 | 6≈50 | 11°R49 | 23耳38 | 24°R55 | 6°R27 | 27°R12 | 28 8 2 | 17 Ⅲ 20 | 12 米 55 | T 1 |
| W 2 | 14 39 53 | 11°48'46 | 18°57 | 14°52 | 16° 2 | 15°24 | 6°54 | 11 M .44 | 23°40 | 24×753 | 6 ₽ 26 | 27812 | 27°59 | 17°26 | 12°57 | W 2 |
| T 3 F 4 | 14 43 50 14 47 47 | 12°47'47 13°46'47 | 2 ∺ 22 15°29 | 16°58 19° 3 | 17°17 18°31 | 16° 1 16°38 | 6°58 7°2 | 11°40 11°35 | 23°43 23°46 | 24°52 24°51 | 6°25 6°24 | 27°11 27°10 | 27°56 27°53 | 17°33 17°40 | 13° 0 13° 3 | T 3 F 4 |
| S 5 | 14 51 43 | 13°45'45 | 28°20 | 21° 9 | 19°46 | 10°38 | 7° 6 | 11°30 | 23°49 | 24°50 | 6°23 | 27° 8 | 27°50 | 17°46 | 13° 5 | S 5 |
| S 6 | 14 55 40 | 15°44'41 | 10 Y 57 | 23°14 | 21° 0 | 17°51 | 7°10 | 11°26 | 23°52 | 24°49 | 6°21 | 27° 7 | 27°46 | 17°53 | 13° 8 | S 6 |
| M 7 | 14 59 36 | 16°43'35 | 23°22 | 25°19 | 22°14 | 18°27 | 7°13 | 11°21 | 23°55 | 24°48 | 6°20 | 27° 5 | 27°43 | 18° 0 | 13°10 | M 7 |
| T 8 | 15 3 33 | 17°42'27 | 5 8 35 | 27°22 | 23°29 | 19° 4 | 7°16 | 11°16 | 23°58 | 24°47 | 6°19 | 27° 4 | 27°40 | 18° 6 | 13°13 | T 8 |
| W 9 | 15 7 29 | 18°41'18 | 17°40 | 29°24 | 24°43 | 19°40 | 7°19 | 11°12 | 24° 1 | 24°45 | 6°18 | 27° 4 | 27°37 | 18°13 | 13°15 | W 9 |
| T 10 | 15 11 26 | 19°40'07 | 29°36 | 1∏25 | 25°57 | 20°16 | 7°22 | 11° 7 | 24° 4 | 24°44 | 6°17 | 27°D 4 | 27°34 | 18°20 | 13°17 | T 10 |
| F 11 S 12 | 15 15 22 15 19 19 | 20°38'54 21°37'39 | 11 Ⅲ 27 23°16 | 3°23 5°19 | 27°11 28°26 | 20°53 21°29 | 7°25 7°28 | 11° 3 10°58 | 24° 7 24°10 | 24°43 24°42 | 6°16 6°15 | 27° 4 27° 4 | 27°31 27°27 | 18°26 18°33 | 13°20 13°22 | F 11 S 12 |
| | | | | | | | | | | | | | | | | |
| S 13 M14 | 15 23 15 15 27 12 | 22°36'21 23°35'02 | 595 3 16°54 | 7°13 9° 3 | 29°40 0 ∏ 54 | 22° 5 22°41 | 7°30 7°32 | 10°54 10°49 | 24°13 24°16 | 24°40 24°39 | 6°14 6°13 | 27° 5 27° 5 | 27°24 27°21 | 18°39 18°46 | 13°24 13°26 | S 13 M14 |
| T 15 | 15 27 12 | 23°33'41 | 28°51 | 10°50 | 2° 8 | 22 41 23°17 | 7°34 | 10°49 | 24°19 | 24°38 | 6°12 | 27° 6 | 27°18 | 18°53 | 13°28 | T 15 |
| W16 | 15 35 5 | 25°32'18 | 10 \O 59 | 12°34 | 3°22 | 23°52 | 7°36 | 10°40 | 24°22 | 24°36 | 6°11 | 27° 6 | 27°15 | 18°59 | 13°30 | W16 |
| T 17 | 15 39 2 | 26°30'52 | 23°22 | 14°14 | 4°37 | 24°28 | 7°37 | 10°36 | 24°26 | 24°35 | 6°10 | 27° 6 | 27°12 | 19° 6 | 13°32 | T 17 |
| F 18 | 15 42 58 | 27°29'24 | 6Mp 4 | 15°50 | 5°51 | 25° 4 | 7°39 | 10°31 | 24°29 | 24°34 | 6° 9 | 27° 6 | 27° 8 | 19°13 | 13°34 | F 18 |
| S 19 | 15 46 55 | 28°27'55 | 19° 9 | 17°22 | 7° 5 | 25°39 | 7°40 | 10°27 | 24°32 | 24°32 | 6° 8 | 27° 6 | 27° 5 | 19°19 | 13°36 | S 19 |
| S 20 | 15 50 51 | 29°26'23 | 2 ჲ 40 | 18°50 | 8°19 | 26°15 | 7°41 | 10°23 | 24°35 | 24°31 | 6° 8 | 27° 6 | 27° 2 | 19°26 | 13°37 | S 20 |
| M21 | 15 54 48 | 0∏24'49 | 16°37 | 20°13 | 9°33 | 26°50 | 7°42 | 10°19 | 24°38 | 24°29 | 6° 7 | 27° 6 | 26°59 | 19°33 | 13°39 | M21 |
| T 22 W23 | 15 58 44 16 2 41 | 1°23'13 2°21'35 | 1 M 0 15°46 | 21°32 22°47 | 10°47 12° 1 | 27°25 28° 1 | 7°43 7°43 | 10°14 10°10 | 24°42 24°45 | 24°28 24°26 | 6° 6 6° 5 | 27° 7 27° 7 | 26°56 26°52 | 19°39 19°46 | 13°41 13°42 | T 22 W23 |
| T 24 | 16 6 38 | 3°19'55 | 0×748 | 23°57 | 12° 1 | 28°36 | 7°43 | 10° 10 | 24°43 24°48 | 24°25 | 6° 5 | 27°R 7 | 26°49 | 19°46 19°53 | 13°42 13°44 | T 24 |
| F 25 | 16 10 34 | 4°18'14 | 15°58 | 25° 2 | 14°29 | 29°11 | 7°R44 | 10° 2 | 24°52 | 24°23 | 6° 4 | 27° 7 | 26°46 | 19°59 | 13°45 | F 25 |
| S 26 | 16 14 31 | 5°16'31 | 1ਰ 7 | 26° 2 | 15°43 | 29°46 | 7°44 | 9°58 | 24°55 | 24°22 | 6° 3 | 27° 6 | 26°43 | 20° 6 | 13°47 | S 26 |
| S 27 | 16 18 27 | 6°14'47 | 16° 4 | 26°58 | 16°57 | 0 ∺ 20 | 7°43 | 9°54 | 24°58 | 24°20 | 6° 3 | 27° 5 | 26°40 | 20°13 | 13°48 | S 27 |
| M28 | 16 22 24 | 7°13'01 | 0≈44 | 27°48 | 18°11 | 0°55 | 7°43 | 9°50 | 25° 2 | 24°19 | 6° 2 | 27° 4 | 26°37 | 20°19 | 13°49 | M28 |
| T 29 | 16 26 20 | 8°11'13 | 15° 1 | 28°34 | 19°25 | 1°30 | 7°42 | 9°47 | 25° 5 | 24°17 | 6° 1 | 27° 3 | 26°33 | 20°26 | 13°51 | T 29 |
| W30 | 16 30 17 | 9° 9'25 | 28°52 | 29°14 | 20°38 | 2° 4 | 7°41 | 9°43 | 25° 8 | 24°16 | 6° 1 | 27° 2 | 26°30 | 20°33 | 13°52 | W30 |
| T 31 | 16 34 14 | 10 I 7'34 | 12) 19 | 29 Ⅱ 49 | 21 II 52 | 2 ∺ 38 | 7≈40 | 9 M 39 | 25 Ⅱ 12 | 24 × 14 | 6 亞 0 | 27°D 2 | 26 8 27 | 20 Ⅱ 39 | 13 ¥ 53 | T 31 |

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| F 1 | 16 38 10 | 11 II 5'43 | 25) (21 | 0920 | 23 I I 6 | 3 ∺ 13 | 7°R39 | 9°R35 | 25 I I15 | 24°R13 | 6°R 0 | 27 8 3 | 26824 | 20∏46 | 13) (54 | F 1 |
| S 2 | 16 42 7 | 12° 3'50 | 8 ℃ 3 | 0°45 | 24°20 | 3°47 | 7 ≈ 38 | 9 M .32 | 25°19 | 24 × 11 | 5 ₾ 59 | 27° 3 | 26°21 | 20°53 | 13°55 | S 2 |
| S 3 | 16 46 3 | 13° 1'55 | 20°28 | 1° 5 | 25°34 | 4°21 | 7°36 | 9°28 | 25°22 | 24°10 | 5°59 | 27° 5 | 26°18 | 20°59 | 13°56 | S 3 |
| M 4 | 16 50 0 | 14° 0'00 | 2 8 39 | 1°20 | 26°48 | 4°55 | 7°34 | 9°25 | 25°26 | 24° 8 | 5°59 | 27° 6 | 26°14 | 21° 6 | 13°57 | M 4 |
| T 5 | 16 53 56 | 14°58'03 | 14°41 | 1°29 | 28° 1 | 5°28 | 7°33 | 9°22 | 25°29 | 24° 6 | 5°58 | 27° 7 | 26°11 | 21°13 | 13°58 | T 5 |
| W 6 | 16 57 53 | 15°56'05 | 26°35 | 1°R34 | 29°15 | 6° 2 | 7°30 | 9°18 | 25°32 | 24° 5 | 5°58 | 27°R 8 | 26° 8 | 21°19 | 13°58 | W 6 |
| T 7 | 17 149 | 16°54'05 | 8 Ⅱ 25 | 1°34 | 09529 | 6°35 | 7°28 | 9°15 | 25°36 | 24° 3 | 5°58 | 27° 7 | 26° 5 | 21°26 | 13°59 | T 7 |
| F 8 | 17 5 46 | 17°52'04 | 20°13 | 1°29 | 1°43 | 7° 8 | 7°26 | 9°12 | 25°39 | 24° 2 | 5°57 | 27° 6 | 26° 2 | 21°33 | 14° 0 | F 8 |
| S 9 | 17 9 43 | 18°50'01 | 299 1 | 1°19 | 2°56 | 7°41 | 7°23 | 9° 9 | 25°43 | 24° 0 | 5°57 | 27° 3 | 25°58 | 21°39 | 14° 0 | S 9 |
| S 10 | 17 13 39 | 19°47'57 | 13°52 | 1° 5 | 4°10 | 8°14 | 7°20 | 9° 6 | 25°46 | 23°58 | 5°57 | 27° 0 | 25°55 | 21°46 | 14° 1 | S 10 |
| M11 | 17 17 36 | 20°45'52 | 25°47 | 0°48 | 5°24 | 8°47 | 7°17 | 9° 3 | 25°50 | 23°57 | 5°57 | 26°56 | 25°52 | 21°53 | 14° 1 | M11 |
| T 12 | 17 21 32 | 21°43'45 | 7 Ω 49 | 0°26 | 6°37 | 9°20 | 7°14 | 9° 0 | 25°53 | 23°55 | 5°57 | 26°52 | 25°49 | 21°59 | 14° 2 | T 12 |
| W13 | 17 25 29 | 22°41'36 | 20° 0 | 0° 1 | 7°51 | 9°52 | 7°10 | 8°58 | 25°57 | 23°53 | 5°56 | 26°48 | 25°46 | 22° 6 | 14° 2 | W13 |
| T 14 | 17 29 25 | 23°39'26 | 2 Mp 25 | 29∏33 | 9° 4 | 10°24 | 7° 7 | 8°55 | 26° 0 | 23°52 | 5°56 | 26°46 | 25°43 | 22°13 | 14° 2 | T 14 |
| F 15 | 17 33 22 | 24°37'14 | 15° 6 | 29° 3 | 10°18 | 10°56 | 7° 3 | 8°52 | 26° 4 | 23°50 | 5°56 | 26°44 | 25°39 | 22°19 | 14° 2 | F 15 |
| S 16 | 17 37 18 | 25°35'00 | 28° 6 | 28°31 | 11°32 | 11°28 | 6°59 | 8°50 | 26° 7 | 23°49 | 5°D56 | 26°D44 | 25°36 | 22°26 | 14° 2 | S 16 |
| S 17 | 17 41 15 | 26°32'45 | 11 ≏ 28 | 27°58 | 12°45 | 12° 0 | 6°55 | 8°48 | 26°11 | 23°47 | 5°56 | 26°44 | 25°33 | 22°33 | 14°R 2 | S 17 |
| M18 | 17 45 12 | 27°30'28 | 25°16 | 27°24 | 13°59 | 12°31 | 6°51 | 8°45 | 26°14 | 23°45 | 5°56 | 26°46 | 25°30 | 22°39 | 14° 2 | M18 |
| T 19 | 17 49 8 | 28°28'10 | 9 ™ 28 | 26°50 | 15°12 | 13° 2 | 6°46 | 8°43 | 26°18 | 23°44 | 5°56 | 26°47 | 25°27 | 22°46 | 14° 2 | T 19 |
| W20 | 17 53 5 | 29°25'51 | 24° 6 | 26°16 | 16°26 | 13°33 | 6°42 | 8°41 | 26°21 | 23°42 | 5°56 | 26°R48 | 25°24 | 22°52 | 14° 2 | W20 |
| T 21 | 17 57 1 | 0923'30 | 9 ∡ 3 | 25°44 | 17°39 | 14° 4 | 6°37 | 8°39 | 26°25 | 23°40 | 5°57 | 26°48 | 25°20 | 22°59 | 14° 2 | T 21 |
| F 22 | 18 0 58 | 1°21'08 | 24°13 | 25°13 | 18°52 | 14°35 | 6°32 | 8°37 | 26°28 | 23°39 | 5°57 | 26°45 | 25°17 | 23° 6 | 14° 2 | F 22 |
| S 23 | 18 4 54 | 2°18'45 | 9 궁 28 | 24°44 | 20° 6 | 15° 5 | 6°27 | 8°35 | 26°32 | 23°37 | 5°57 | 26°42 | 25°14 | 23°12 | 14° 1 | S 23 |
| S 24 | 18 8 51 | 3°16'21 | 24°36 | 24°18 | 21°19 | 15°35 | 6°22 | 8°33 | 26°35 | 23°36 | 5°57 | 26°37 | 25°11 | 23°19 | 14° 1 | S 24 |
| M25 | 18 12 48 | 4°13'56 | 9≈28 | 23°55 | 22°33 | 16° 5 | 6°17 | 8°32 | 26°39 | 23°34 | 5°57 | 26°32 | 25° 8 | 23°26 | 14° 1 | M25 |
| T 26 | 18 16 44 | 5°11'29 | 23°57 | 23°36 | 23°46 | 16°35 | 6°11 | 8°30 | 26°42 | 23°33 | 5°58 | 26°26 | 25° 4 | 23°32 | 14° 0 | T 26 |
| W27 | 18 20 41 | 6° 9'02 | 7 ∺ 59 | 23°20 | 24°59 | 17° 5 | 6° 6 | 8°29 | 26°46 | 23°31 | 5°58 | 26°22 | 25° 1 | 23°39 | 14° 0 | W27 |
| T 28 | 18 24 37 | 7° 6'35 | 21°31 | 23° 8 | 26°12 | 17°34 | 6° 0 | 8°27 | 26°49 | 23°29 | 5°58 | 26°19 | 24°58 | 23°46 | 13°59 | T 28 |
| F 29 | 18 28 34 | 8° 4'06 | 4 Υ36 | 23° 0 | 27°26 | 18° 3 | 5°54 | 8°26 | 26°53 | 23°28 | 5°59 | 26°D18 | 24°55 | 23°52 | 13°58 | F 29 |
| S 30 | 18 32 30 | 99 1'37 | 17 Y 17 | 22°D56 | 28939 | 18) (31 | 5≈48 | 8 M 25 | 26耳56 | 23 × ⁷ 26 | 5 ≙ 59 | 26818 | 24 8 52 | 23耳59 | 13) 58 | S 30 |

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| Day | Sid.t | 0 | D | Ϋ́ | Q. | ♂ | 4 | ħ |)ұ(| ¥ | Р | n | ß | ţ | , o | Day |
|------|----------|------------------|----------------|----------------|-----------------|---------------|-------|----------------|-----------------|----------------|---------------|--------|----------------|----------------|----------------|------|
| S 1 | 18 36 27 | 9959'07 | 29 Y 38 | 22 Ⅲ 57 | 29952 | 19 米 0 | 5°R42 | 8°R24 | 27 I I 0 | 23°R25 | 6 ₽ 0 | 26820 | 24849 | 24Ⅱ 6 | 13°R57 | S 1 |
| M 2 | 18 40 23 | 10°56'37 | 11844 | 23° 3 | 1 0 5 | 19°28 | 5≈36 | 8M23 | 27° 3 | 23 × 23 | 6° 0 | 26°21 | 24°45 | 24°12 | 13 米 56 | M 2 |
| T 3 | 18 44 20 | 11°54'06 | 23°39 | 23°13 | 2°19 | 19°56 | 5°29 | 8°22 | 27° 6 | 23°22 | 6° 1 | 26°R22 | 24°42 | 24°19 | 13°55 | T 3 |
| W 4 | 18 48 17 | 12°51'34 | 5 Ⅱ 28 | 23°27 | 3°32 | 20°23 | 5°23 | 8°21 | 27°10 | 23°20 | 6° 1 | 26°21 | 24°39 | 24°26 | 13°54 | W 4 |
| T 5 | 18 52 13 | 13°49'02 | 17°15 | 23°46 | 4°45 | 20°50 | 5°16 | 8°21 | 27°13 | 23°19 | 6° 2 | 26°19 | 24°36 | 24°32 | 13°53 | T 5 |
| F 6 | 18 56 10 | 14°46'30 | 29° 3 | 24°10 | 5°58 | 21°17 | 5°10 | 8°20 | 27°17 | 23°17 | 6° 2 | 26°15 | 24°33 | 24°39 | 13°52 | F 6 |
| S 7 | 19 0 6 | 15°43'56 | 109554 | 24°37 | 7°11 | 21°44 | 5° 3 | 8°20 | 27°20 | 23°16 | 6° 3 | 26° 8 | 24°30 | 24°46 | 13°51 | S 7 |
| S 8 | 19 4 3 | 16°41'22 | 22°51 | 25°10 | 8°24 | 22°10 | 4°56 | 8°19 | 27°23 | 23°14 | 6° 4 | 26° 0 | 24°26 | 24°52 | 13°50 | S 8 |
| M 9 | 19 7 59 | 17°38'47 | 4 Ω 54 | 25°46 | 9°37 | 22°36 | 4°49 | 8°19 | 27°27 | 23°13 | 6° 4 | 25°50 | 24°23 | 24°59 | 13°48 | M 9 |
| T 10 | 19 11 56 | 18°36'12 | 17° 6 | 26°27 | 10°50 | 23° 1 | 4°42 | 8°19 | 27°30 | 23°11 | 6° 5 | 25°41 | 24°20 | 25° 6 | 13°47 | T 10 |
| W11 | 19 15 52 | 19°33'35 | 29°28 | 27°12 | 12° 3 | 23°26 | 4°35 | 8°D19 | 27°33 | 23°10 | 6° 6 | 25°32 | 24°17 | 25°12 | 13°46 | W11 |
| T 12 | 19 19 49 | 20°30'58 | 12 Mp 1 | 28° 0 | 13°16 | 23°51 | 4°28 | 8°19 | 27°37 | 23° 8 | 6° 6 | 25°24 | 24°14 | 25°19 | 13°44 | T 12 |
| F 13 | 19 23 46 | 21°28'20 | 24°47 | 28°53 | 14°29 | 24°15 | 4°20 | 8°19 | 27°40 | 23° 7 | 6° 7 | 25°19 | 24°10 | 25°26 | 13°43 | F 13 |
| S 14 | 19 27 42 | 22°25'41 | 7 ≙ 49 | 29°50 | 15°42 | 24°39 | 4°13 | 8°19 | 27°43 | 23° 6 | 6° 8 | 25°16 | 24° 7 | 25°32 | 13°41 | S 14 |
| S 15 | 19 31 39 | 23°23'02 | 21° 8 | 0951 | 16°55 | 25° 3 | 4° 6 | 8°20 | 27°47 | 23° 4 | 6° 9 | 25°D15 | 24° 4 | 25°39 | 13°40 | S 15 |
| M16 | 19 35 35 | 24°20'21 | 4 M .47 | 1°55 | 18° 8 | 25°26 | 3°58 | 8°20 | 27°50 | 23° 3 | 6°10 | 25°15 | 24° 1 | 25°46 | 13°38 | M16 |
| T 17 | 19 39 32 | 25°17'40 | 18°48 | 3° 3 | 19°21 | 25°49 | 3°51 | 8°21 | 27°53 | 23° 2 | 6°11 | 25°R16 | 23°58 | 25°52 | 13°36 | T 17 |
| W18 | 19 43 28 | 26°14'59 | 3 ∡ 10 | 4°15 | 20°34 | 26°11 | 3°43 | 8°21 | 27°56 | 23° 0 | 6°12 | 25°16 | 23°55 | 25°59 | 13°35 | W18 |
| T 19 | 19 47 25 | 27°12'16 | 1 <u>7</u> °52 | 5°31 | 21°47 | 26°33 | 3°36 | 8°22 | 27°59 | 22°59 | 6°13 | 25°14 | 23°51 | 26° 6 | 13°33 | T 19 |
| F 20 | 19 51 22 | 28° 9'34 | 2 ප් 48 | 6°50 | 22°59 | 26°54 | 3°28 | 8°23 | 28° 2 | 22°58 | 6°14 | 25°10 | 23°48 | 26°12 | 13°31 | F 20 |
| S 21 | 19 55 18 | 29° 6'50 | 17°53 | 8°13 | 24°12 | 27°15 | 3°20 | 8°24 | 28° 6 | 22°57 | 6°15 | 25° 3 | 23°45 | 26°19 | 13°29 | S 21 |
| S 22 | 19 59 15 | oΩ 4'07 | 2≈55 | 9°39 | 25°25 | 27°36 | 3°13 | 8°25 | 28° 9 | 22°55 | 6°16 | 24°54 | 23°42 | 26°26 | 13°27 | S 22 |
| M23 | 20 3 11 | 1° 1'23 | 17°47 | 11° 9 | 26°38 | 27°56 | 3° 5 | 8°26 | 28°12 | 22°54 | 6°17 | 24°45 | 23°39 | 26°32 | 13°25 | M23 |
| T 24 | 20 7 8 | 1°58'39 | 2) 18 | 12°42 | 27°50 | 28°15 | 2°57 | 8°27 | 28°15 | 22°53 | 6°18 | 24°35 | 23°36 | 26°39 | 13°23 | T 24 |
| W25 | 20 11 4 | 2°55'55 | 16°24 | 14°18 | 29° 3 | 28°34 | 2°50 | 8°29 | 28°18 | 22°52 | 6°19 | 24°27 | 23°32 | 26°46 | 13°21 | W25 |
| T 26 | 20 15 1 | 3°53'10 | 0 Υ 1 | 15°58 | 0 m y 15 | 28°53 | 2°42 | 8°30 | 28°21 | 22°51 | 6°20 | 24°20 | 23°29 | 26°52 | 13°19 | T 26 |
| F 27 | 20 18 57 | 4°50'26 | 13°10 | 17°41 | 1°28 | 29°11 | 2°34 | 8°32 | 28°24 | 22°50 | 6°22 | 24°16 | 23°26 | 26°59 | 13°17 | F 27 |
| S 28 | 20 22 54 | 5°47'42 | 25°54 | 19°28 | 2°41 | 29°28 | 2°27 | 8°33 | 28°27 | 22°49 | 6°23 | 24°14 | 23°23 | 27° 6 | 13°15 | S 28 |
| S 29 | 20 26 51 | 6°44'59 | 8 8 16 | 21°17 | 3°53 | 29°45 | 2°19 | 8°35 | 28°30 | 22°47 | 6°24 | 24°D14 | 23°20 | 27°12 | 13°12 | S 29 |
| M30 | 20 30 47 | 7°42'15 | 20°21 | 23° 9 | 5° 6 | 0 Υ 1 | 2°11 | 8°37 | 28°33 | 22°46 | 6°25 | 24°R14 | 23°16 | 27°19 | 13°10 | M30 |
| T 31 | 20 34 44 | 8 Ω 39'32 | 2耳15 | 259 4 | 6 M)18 | 0 Υ 17 | 2≈ 4 | 8 M .39 | 28耳36 | 22 ∡ 45 | 6 ≏ 27 | 24814 | 23 8 13 | 27 Ⅱ 26 | 13 ∺ 8 | T 31 |

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|------|----------|--------------------|------------------|---------------|----------------|---------------|----------------|----------------|-------|-----------------|---------------|---------------|-------|----------------|----------------|------|
| W 1 | 20 38 40 | 9 Ω 36'49 | 14∏ 4 | 2795 2 | 7 m 30 | 0 Υ 32 | 1°R56 | 8 M .41 | 28∏38 | 22°R44 | 6 <u>₽</u> 28 | 24°R12 | 23810 | 27 Ⅲ 32 | 13°R 5 | W 1 |
| T 2 | 20 42 37 | 10°34'07 | 25°52 | 29° 2 | 8°43 | 0°46 | 1≈48 | 8°43 | 28°41 | 22 × 743 | 6°29 | 24 8 8 | 23° 7 | 27°39 | 13 米 3 | T 2 |
| F 3 | 20 46 33 | 11°31'25 | 794 2 | 1 Ω 4 | 9°55 | 1° 0 | 1°41 | 8°45 | 28°44 | 22°42 | 6°31 | 24° 2 | 23° 4 | 27°46 | 13° 0 | F 3 |
| S 4 | 20 50 30 | 12°28'43 | 19°39 | 3° 8 | 11° 7 | 1°13 | 1°33 | 8°48 | 28°47 | 22°42 | 6°32 | 23°53 | 23° 1 | 27°52 | 12°58 | S 4 |
| S 5 | 20 54 26 | 13°26'01 | 1 Ω 44 | 5°14 | 12°20 | 1°25 | 1°26 | 8°50 | 28°50 | 22°41 | 6°33 | 23°41 | 22°57 | 27°59 | 12°55 | S 5 |
| M 6 | 20 58 23 | 14°23'19 | 13°59 | 7°21 | 13°32 | 1°37 | 1°19 | 8°53 | 28°52 | 22°40 | 6°35 | 23°28 | 22°54 | 28° 6 | 12°53 | M 6 |
| T 7 | 21 2 20 | 15°20'38 | 26°25 | 9°28 | 14°44 | 1°48 | 1°11 | 8°55 | 28°55 | 22°39 | 6°36 | 23°15 | 22°51 | 28°12 | 12°50 | T 7 |
| W 8 | 21 6 16 | 16°17'56 | 9Mm, 2 | 11°37 | 15°56 | 1°59 | 1° 4 | 8°58 | 28°58 | 22°38 | 6°38 | 23° 3 | 22°48 | 28°19 | 12°48 | W 8 |
| T 9 | 21 10 13 | 17°15'15 | 21°51 | 13°46 | 17° 9 | 2° 8 | 0°57 | 9° 1 | 29° 0 | 22°37 | 6°39 | 22°52 | 22°45 | 28°26 | 12°45 | T 9 |
| F 10 | 21 14 9 | 18°12'34 | 4 ≏ 51 | 15°55 | 18°21 | 2°17 | 0°50 | 9° 4 | 29° 3 | 22°37 | 6°41 | 22°44 | 22°42 | 28°32 | 12°42 | F 10 |
| S 11 | 21 18 6 | 19° 9'53 | 18° 3 | 18° 3 | 19°33 | 2°26 | 0°43 | 9° 7 | 29° 5 | 22°36 | 6°42 | 22°39 | 22°38 | 28°39 | 12°40 | S 11 |
| S 12 | 21 22 2 | 20° 7'13 | 1 M 28 | 20°11 | 20°45 | 2°33 | 0°36 | 9°10 | 29° 8 | 22°35 | 6°44 | 22°37 | 22°35 | 28°46 | 12°37 | S 12 |
| M13 | 21 25 59 | 21° 4'32 | 15° 7 | 22°19 | 21°57 | 2°40 | 0°29 | 9°13 | 29°10 | 22°34 | 6°46 | 22°36 | 22°32 | 28°52 | 12°34 | M13 |
| T 14 | 21 29 55 | 22° 1'52 | 29° 1 | 24°26 | 23° 9 | 2°46 | 0°22 | 9°16 | 29°13 | 22°34 | 6°47 | 22°36 | 22°29 | 28°59 | 12°31 | T 14 |
| W15 | 21 33 52 | 22°59'11 | 13 × 11 | 26°31 | 24°21 | 2°52 | 0°16 | 9°19 | 29°15 | 22°33 | 6°49 | 22°35 | 22°26 | 29° 6 | 12°28 | W15 |
| T 16 | 21 37 49 | 23°56'31 | 27°35 | 28°35 | 25°33 | 2°56 | 0° 9 | 9°23 | 29°17 | 22°33 | 6°51 | 22°33 | 22°22 | 29°13 | 12°26 | T 16 |
| F 17 | 21 41 45 | 24°53'52 | 12 る 12 | 0 m 38 | 26°44 | 3° 0 | <u>0</u> ° 3 | 9°26 | 29°20 | 22°32 | 6°52 | 22°28 | 22°19 | 29°19 | 12°23 | F 17 |
| S 18 | 21 45 42 | 25°51'12 | 26°55 | 2°40 | 27°56 | 3° 3 | 29 궁 57 | 9°30 | 29°22 | 22°32 | 6°54 | 22°20 | 22°16 | 29°26 | 12°20 | S 18 |
| S 19 | 21 49 38 | 26°48'33 | 11≈38 | 4°40 | 29° 8 | 3° 5 | 29°51 | 9°33 | 29°24 | 22°31 | 6°56 | 22°10 | 22°13 | 29°33 | 12°17 | S 19 |
| M20 | 21 53 35 | 27°45'54 | 26°14 | 6°39 | 0 ჲ 20 | 3° 7 | 29°45 | 9°37 | 29°26 | 22°31 | 6°57 | 21°59 | 22°10 | 29°39 | 12°14 | M20 |
| T 21 | 21 57 31 | 28°43'16 | 10) (34 | 8°36 | 1°31 | 3°R 8 | 29°39 | 9°41 | 29°29 | 22°30 | 6°59 | 21°48 | 22° 7 | 29°46 | 12°11 | T 21 |
| W22 | 22 1 28 | 29°40'39 | 24°33 | 10°31 | 2°43 | 3° 8 | 29°33 | 9°45 | 29°31 | 22°30 | 7° 1 | 21°38 | 22° 3 | 29°53 | 12° 8 | W22 |
| T 23 | 22 5 24 | 0 m 38'02 | 8 ℃ 7 | 12°25 | 3°54 | 3° 7 | 29°27 | 9°49 | 29°33 | 22°29 | 7° 3 | 21°30 | 22° 0 | 29°59 | 12° 5 | T 23 |
| F 24 | 22 9 21 | 1°35'27 | 21°16 | 14°17 | 5° 6 | 3° 5 | 29°22 | 9°53 | 29°35 | 22°29 | 7° 4 | 21°25 | 21°57 | 099 6 | 12° 2 | F 24 |
| S 25 | 22 13 18 | 2°32'52 | 4 8 0 | 16° 7 | 6°17 | 3° 3 | 29°16 | 9°57 | 29°37 | 22°29 | 7° 6 | 21°22 | 21°54 | 0°13 | 11°59 | S 25 |
| S 26 | 22 17 14 | 3°30'18 | 16°24 | 17°56 | 7°29 | 3° 0 | 29°11 | 10° 1 | 29°39 | 22°28 | 7° 8 | 21°D21 | 21°51 | 0°19 | 11°56 | S 26 |
| M27 | 22 21 11 | 4°27'46 | 28°31 | 19°43 | 8°40 | 2°56 | 29° 6 | 10° 6 | 29°41 | 22°28 | 7°10 | 21°R21 | 21°47 | 0°26 | 11°53 | M27 |
| T 28 | 22 25 7 | 5°25'15 | 10Ⅲ27 | 21°29 | 9°51 | 2°51 | 29° 1 | 10°10 | 29°43 | 22°28 | 7°12 | 21°21 | 21°44 | 0°33 | 11°50 | T 28 |
| W29 | 22 29 4 | 6°22'44 | 22°17 | 23°13 | 11° 3 | 2°45 | 28°56 | 10°14 | 29°45 | 22°28 | 7°14 | 21°20 | 21°41 | 0°39 | 11°47 | W29 |
| T 30 | 22 33 0 | 7°20'15 | 499 6 | 24°55 | 12°14 | 2°39 | 2 <u>8</u> °52 | 10°19 | 29°46 | 22°28 | 7°16 | 21°17 | 21°38 | 0°46 | 11°44 | T 30 |
| F 31 | 22 36 57 | 8 m y 17'47 | 1699 0 | 26My36 | 13 ≏ 25 | 2 Υ 32 | 28 궁 47 | 10 M 24 | 29∏48 | 22 × 28 | 7 ≏ 18 | 21811 | 21835 | 0 9 53 | 11 米 41 | F 31 |

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| S 1 | 22 40 53 | 9 m 15'21 | 289 2 | 28 M 15 | 14 ₽ 36 | 2°R24 | 28°R43 | 10 M 28 | 29П50 | 22°R27 | 7 ≙ 20 | 21°R 3 | 21832 | 0959 | 11°R38 | S 1 |
| S 2 | 22 44 50 | 10°12'55 | 10 Ω 15 | 29°53 | 15°47 | 2 Υ 16 | 28 궁 39 | 10°33 | 29°52 | 22 ~ 27 | 7°21 | 20 8 53 | 21°28 | 1° 6 | 11 米 35 | S 2 |
| M 3 | 22 48 47 | 11°10'30 | 22°42 | 1 ≏ 29 | 16°58 | 2° 7 | 28°35 | 10°38 | 29°53 | 22°D27 | 7°23 | 20°41 | 21°25 | 1°13 | 11°32 | M 3 |
| T 4 | 22 52 43 | 12° 8'07 | 5 Mp 24 | 3° 3 | 18° 9 | 1°57 | 28°31 | 10°43 | 29°55 | 22°27 | 7°25 | 20°30 | 21°22 | 1°19 | 11°29 | T 4 |
| W 5 T 6 | 22 56 40 23 0 36 | 13° 5'45 14° 3'23 | 18°19 1 ≙ 28 | 4°36 6° 7 | 19°20 20°31 | 1°46 1°35 | 28°27 28°24 | 10°48 10°53 | 29°56 29°58 | 22°27 22°27 | 7°27 7°29 | 20°18 20° 9 | 21°19 21°16 | 1°26 1°33 | 11°26 11°23 | W 5 T 6 |
| T 6 F 7 | 23 4 33 | 14° 3′23 15° 1′03 | 14°49 | 7°37 | 20°31 21°42 | 1°23 | 28°24 28°21 | 10°53 | 29°58 29°59 | 22°28 | 7°31 | 20° 9 | 21°16 21°13 | 1°33 | 11°23 | F 7 |
| S 8 | 23 8 29 | 15°58'43 | 28°21 | 9° 5 | 22°53 | 1°11 | 28°18 | 11° 3 | 0 9 1 | 22°28 | 7°33 | 19°57 | 21° 9 | 1°46 | 11°17 | S 8 |
| S 9 | 23 12 26 | 16°56'25 | 12 M 3 | 10°32 | 24° 3 | 0°58 | 28°15 | 11° 8 | 0° 2 | 22°28 | 7°35 | 19°56 | 21° 6 | 1°53 | 11°14 | S 9 |
| M10 | 23 16 22 | 17°54'08 | 25°53 | 11°57 | 25°14 | 0°45 | 28°12 | 11°14 | 0° 3 | 22°28 | 7°37 | 19°D55 | 21° 3 | 1°59 | 11°10 | M10 |
| T 11 | 23 20 19 | 18°51'51 | 9 ₹ 51 | 13°20 | 26°24 | 0°31 | 28° 9 | 11°19 | 0° 5 | 22°28 | 7°40 | 19°56 | 21° 0 | 2° 6 | 11° 7 | T 11 |
| W12 | 23 24 15 | 19°49'36 | 23°57 | 14°42 | 27°35 | 0°17 | 28° 7 | 11°24 | 0° 6 | 22°29 | 7°42 | 19°R56 | 20°57 | 2°13 | 11° 4 | W12 |
| T 13 | 23 28 12 | 20°47'22 | 8 궁 10 | 16° 2 | 28°45 | 0° 3 | 28° 5 | 11°30 | 0° 7 0° 8 | 22°29 | 7°44 | 19°55 | 20°53 | 2°19 | 11° 1 | T 13 |
| F 14 S 15 | 23 32 9 23 36 5 | 21°45'08 22°42'56 | 22°27 6 ≈ 47 | 17°20 18°36 | 29°56 1 M 6 | 29) 48 29°33 | 28° 3 28° 1 | 11°35 11°41 | 0° 8 | 22°29 22°30 | 7°46 7°48 | 19°51 19°46 | 20°50 20°47 | 2°26 2°33 | 10°58 10°56 | F 14 S 15 |
| | | | | | | | - | | | | | | | | | |
| S 16 | 23 40 2 | 23°40'44 | 21° 4 | 19°51 21° 3 | 2°16 | 29°17 | 27°59 | 11°47 | 0°10 | 22°30 22°30 | 7°50 | 19°38 | 20°44 | 2°39 | 10°53 | S 16 |
| M17 T 18 | 23 43 58 23 47 55 | 24°38'34 25°36'25 | 5) €14 19°12 | 21° 3 22°14 | 3°26 4°37 | 29° 2 28°46 | 27°58 27°57 | 11°52 11°58 | 0°11 0°12 | 22°30 22°31 | 7°52 7°54 | 19°30 19°21 | 20°41 20°38 | 2°46 2°53 | 10°50 10°47 | M17 T 18 |
| W19 | 23 47 33 | 25°34'17 | 2^{9}_{53} | 23°22 | 5°47 | 28°31 | 27°56 | 12° 4 | 0°13 | 22°31 | 7°56 | 19°13 | 20°34 | 2°59 | 10°47 | W19 |
| T 20 | 23 55 48 | 27°32'11 | 16°14 | 24°29 | 6°56 | 28°15 | 27°55 | 12°10 | 0°14 | 22°32 | 7°58 | 19° 7 | 20°31 | 3° 6 | 10°41 | T 20 |
| F 21 | 23 59 44 | 28°30'06 | 29°15 | 25°33 | 8° 6 | 27°59 | 27°54 | 12°16 | 0°14 | 22°32 | 8° 0 | 19° 3 | 20°28 | 3°13 | 10°38 | F 21 |
| S 22 | 0 3 41 | 29°28'03 | 11 8 55 | 26°34 | 9°16 | 27°43 | 27°54 | 12°22 | 0°15 | 22°33 | 8° 3 | 19° 1 | 20°25 | 3°20 | 10°35 | S 22 |
| S 23 | 0 738 | 0 ≏ 26'02 | 24°17 | 27°33 | 10°26 | 27°27 | 27°53 | 12°28 | 0°16 | 22°34 | 8° 5 | 19°D 1 | 20°22 | 3°26 | 10°32 | S 23 |
| M24 | 0 11 34 | 1°24'02 | 6 Ⅱ 24 | 28°30 | 11°35 | 27°12 | 27°D53 | 12°34 | 0°16 | 22°34 | 8° 7 | 19° 2 | 20°19 | 3°33 | 10°30 | M24 |
| T 25 | 0 15 31 | 2°22'04 | 18°21 | 29°24 | 12°45 | 26°56 | 27°53 | 12°40 | 0°17 | 22°35 | 8° 9 | 19° 3 | 20°15 | 3°40 | 10°27 | T 25 |
| W26 | 0 19 27 | 3°20'09 | 0 © 12 12° 3 | 0 ጤ 14 1° 2 | 13°54 15° 4 | 26°41 | 27°53 27°54 | 12°46 | 0°18 0°18 | 22°36 22°36 | 8°11 8°13 | 19°R 4 19° 4 | 20°12 20° 9 | 3°46 3°53 | 10°24 10°21 | W26 T 27 |
| T 27 F 28 | 0 23 24 0 27 20 | 4°18'14 5°16'22 | 23°59 | 1° 2 1°46 | 15° 4 16°13 | 26°26 26°11 | 27°54 27°55 | 12°53 12°59 | 0°18 | 22°36 22°37 | 8°13 8°15 | 19° 4 | 20° 9 20° 6 | 3°53 4° 0 | 10°21 10°19 | F 28 |
| S 29 | 0 27 20 0 31 17 | 6°14'32 | 6Ω 4 | 2°26 | 10 13 17°22 | 25°57 | 27°55 | 12 39 13° 5 | 0°19 | 22°38 | 8°18 | 19°58 | 20° 3 | 4° 6 | 10°19 | S 29 |
| S 30 | 0 35 17 | 7 £ 12'43 | 18 \Omega 22 | 3M 3 | 18 M .32 | 25) 43 | 27 ප 56 | 13 M .12 | 09519 | 22 × 39 | 8 ₽ 20 | 18 8 53 | 19859 | 49913 | 10) 13 | S 30 |

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|------|---------|-------------------|----------------|----------------|----------------|----------------|----------------|-----------------|-------|-----------------|---------------|----------------|----------------|-------|---------------|------|
| M 1 | 0 39 10 | 8 ≏ 10'56 | 0 m 57 | 3M35 | 19 M 41 | 25°R29 | 27 궁 58 | 13 M .18 | 09319 | 22 × 740 | 8 ₾ 22 | 18°R46 | 19856 | 49520 | 10°R11 | M 1 |
| T 2 | 0 43 7 | 9° 9'11 | 13°50 | 4° 3 | 20°50 | 25 米 16 | 27°59 | 13°25 | 0°20 | 22°41 | 8°24 | 18 8 39 | 19°53 | 4°26 | 10 米 8 | T 2 |
| W 3 | 0 47 3 | 10° 7'28 | 27° 1 | 4°26 | 21°59 | 25° 3 | 28° 1 | 13°31 | 0°20 | 22°42 | 8°26 | 18°33 | 19°50 | 4°33 | 10° 6 | W 3 |
| T 4 | 0 51 0 | 11° 5'47 | 10 ≏ 31 | 4°44 | 23° 7 | 24°51 | 28° 2 | 13°38 | 0°20 | 22°43 | 8°28 | 18°27 | 19°47 | 4°40 | 10° 3 | T 4 |
| F 5 | 0 54 56 | 12° 4'07 | 24°16 | 4°57 | 24°16 | 24°39 | 28° 4 | 13°44 | 0°20 | 22°43 | 8°30 | 18°23 | 19°44 | 4°46 | 10° 1 | F 5 |
| S 6 | 0 58 53 | 13° 2'29 | 8 M .13 | 5° 3 | 25°25 | 24°28 | 28° 6 | 13°51 | 0°R20 | 22°45 | 8°33 | 18°21 | 19°40 | 4°53 | 9°58 | S 6 |
| S 7 | 1 2 49 | 14° 0'52 | 22°19 | 5°R 4 | 26°33 | 24°18 | 28° 9 | 13°58 | 0°20 | 22°46 | 8°35 | 18°D21 | 19°37 | 5° 0 | 9°56 | S 7 |
| M 8 | 1 6 46 | 14°59'18 | 6 ₹ 31 | 4°59 | 27°42 | 24° 9 | 28°11 | 14° 4 | 0°20 | 22°47 | 8°37 | 18°22 | 19°34 | 5° 6 | 9°54 | M 8 |
| T 9 | 1 10 42 | 15°57'45 | 2 <u>0</u> °45 | 4°47 | 28°50 | 24° 0 | 28°14 | 14°11 | 0°20 | 22°48 | 8°39 | 18°23 | 19°31 | 5°13 | 9°52 | T 9 |
| W10 | 1 14 39 | 16°56'13 | 4 궁 59 | 4°28 | 29°58 | 23°51 | 28°17 | 14°18 | 0°19 | 22°49 | 8°41 | 18°25 | 19°28 | 5°20 | 9°49 | W10 |
| T 11 | 1 18 36 | 17°54'43 | 19°10 | 4° 2 | 1 x 7 6 | 23°44 | 28°20 | 14°25 | 0°19 | 22°50 | 8°43 | 18°R25 | 19°24 | 5°27 | 9°47 | T 11 |
| F 12 | 1 22 32 | 18°53'14 | 3≈17 | 3°29 | 2°14 | 23°37 | 28°23 | 14°32 | 0°19 | 22°51 | 8°45 | 18°24 | 19°21 | 5°33 | 9°45 | F 12 |
| S 13 | 1 26 29 | 19°51'47 | 17°19 | 2°49 | 3°22 | 23°31 | 28°27 | 14°39 | 0°19 | 22°52 | 8°48 | 18°22 | 19°18 | 5°40 | 9°43 | S 13 |
| S 14 | 1 30 25 | 20°50'21 | 1) 12 | 2° 3 | 4°30 | 23°26 | 28°30 | 14°45 | 0°18 | 22°54 | 8°50 | 18°19 | 19°15 | 5°47 | 9°41 | S 14 |
| M15 | 1 34 22 | 21°48'57 | 14°55 | 1°11 | 5°37 | 23°21 | 28°34 | 14°52 | 0°18 | 22°55 | 8°52 | 18°15 | 19°12 | 5°53 | 9°39 | M15 |
| T 16 | 1 38 18 | 22°47'34 | 28°25 | 0°14 | 6°45 | 23°18 | 28°38 | 14°59 | 0°17 | 22°56 | 8°54 | 18°11 | 19° 9 | 6° 0 | 9°37 | T 16 |
| W17 | 1 42 15 | 23°46'14 | 11 Y 42 | 29 ≏ 12 | 7°52 | 23°15 | 28°42 | 15° 6 | 0°17 | 22°58 | 8°56 | 18° 8 | 19° 5 | 6° 7 | 9°35 | W17 |
| T 18 | 1 46 11 | 24°44'55 | 24°43 | 28° 7 | 8°59 | 23°13 | 28°46 | 15°13 | 0°16 | 22°59 | 8°58 | 18° 5 | 19° 2 | 6°13 | 9°33 | T 18 |
| F 19 | 1 50 8 | 25°43'38 | 7829 | 27° 1 | 10° 6 | 23°12 | 28°51 | 15°21 | 0°15 | 23° 0 | 9° 0 | 18° 3 | 18°59 | 6°20 | 9°31 | F 19 |
| S 20 | 1 54 4 | 26°42'23 | 19°59 | 25°55 | 11°13 | 23°D11 | 28°56 | 15°28 | 0°15 | 23° 2 | 9° 2 | 18°D 3 | 18°56 | 6°27 | 9°29 | S 20 |
| S 21 | 1 58 1 | 27°41'10 | 2 Ⅱ 15 | 24°50 | 12°20 | 23°11 | 29° 0 | 15°35 | 0°14 | 23° 3 | 9° 4 | 18° 4 | 18°53 | 6°33 | 9°28 | S 21 |
| M22 | 2 1 58 | 28°39'59 | 14°19 | 23°49 | 13°27 | 23°13 | 29° 5 | 15°42 | 0°13 | 23° 5 | 9° 6 | 18° 5 | 18°50 | 6°40 | 9°26 | M22 |
| T 23 | 2 5 54 | 29°38'50 | 26°15 | 22°53 | 14°33 | 23°14 | 29°11 | 15°49 | 0°12 | 23° 6 | 9° 8 | 18° 7 | 18°46 | 6°47 | 9°25 | T 23 |
| W24 | 2 9 51 | 0 M .37'44 | 8 9 6 | 22° 4 | 15°39 | 23°17 | 29°16 | 15°56 | 0°11 | 23° 8 | 9°11 | 18° 8 | 18°43 | 6°53 | 9°23 | W24 |
| T 25 | 2 13 47 | 1°36'39 | 19°57 | 21°22 | 16°46 | 23°21 | 29°21 | 16° 3 | 0°10 | 23° 9 | 9°13 | 18° 9 | 18°40 | 7° 0 | 9°21 | T 25 |
| F 26 | 2 17 44 | 2°35'37 | 1 Ω 53 | 20°50 | 17°52 | 23°25 | 29°27 | 16°11 | 0°10 | 23°11 | 9°15 | 18°R 9 | 18°37 | 7° 7 | 9°20 | F 26 |
| S 27 | 2 21 40 | 3°34'37 | 13°57 | 20°27 | 18°57 | 23°30 | 29°33 | 16°18 | 0° 8 | 23°12 | 9°17 | 18° 9 | 18°34 | 7°13 | 9°19 | S 27 |
| S 28 | 2 25 37 | 4°33'39 | 26°15 | 20°15 | 20° 3 | 23°36 | 29°39 | 16°25 | 0° 7 | 23°14 | 9°19 | 18° 8 | 18°30 | 7°20 | 9°17 | S 28 |
| M29 | 2 29 33 | 5°32'44 | 8 m 51 | 20°D13 | 21° 9 | 23°42 | 29°45 | 16°32 | 0° 6 | 23°16 | 9°21 | 18° 7 | 18°27 | 7°27 | 9°16 | M29 |
| T 30 | 2 33 30 | 6°31'50 | 21°48 | 20°22 | 22°14 | 23°49 | 29°51 | 16°40 | 0° 5 | 23°17 | 9°23 | 18° 5 | 18°24 | 7°34 | 9°15 | T 30 |
| W31 | 2 37 27 | 7 M 30'59 | 5 ♀ 7 | 20 ≏ 41 | 23 × 19 | 23 米 58 | 29 궁 58 | 16 M 47 | 0ණ 4 | 23 × 19 | 9 ≏ 24 | 188 4 | 18 8 21 | 79540 | 9) 14 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)ұ(| 卉 | В | ß | v | ţ | ę, | Day |
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| T 1 | 2 41 23 | 8ML30'10 | 18 ≏ 50 | 21 ⊆ 10 | 24 × 124 | 24) 6 | 0≈ 4 | 16M54 | 0°R 3 | 23 × ⁷ 21 | 9 <u>ი</u> 26 | 18°R 3 | 18818 | 79347 | 9°R13 | T 1 |
| F 2 | 2 45 20 | 9°29'22 | 2 M 53 | 21°49 | 25°29 | 24°16 | 0°11 | 17° 2 | 0ର୍ତ୍ତ 1 | 23°22 | 9°28 | 18 8 2 | 18°15 | 7°54 | 9 米 11 | F 2 |
| S 3 | 2 49 16 | 10°28'37 | 17°14 | 22°36 | 26°33 | 24°26 | 0°18 | 17° 9 | 29∏59 | 23°24 | 9°30 | 18°D 2 | 18°11 | 8° 0 | 9°10 | S 3 |
| S 4 | 2 53 13 | 11°27'54 | 1 ∡7 47 | 23°31 | 27°37 | 24°37 | 0°25 | 17°16 | 29°59 | 23°26 | 9°32 | 18° 2 | 18° 8 | 8° 7 | 9°10 | S 4 |
| M 5 | 2 57 9 | 12°27'13 | 16°27 | 24°33 | 28°41 | 24°49 | 0°32 | 17°24 | 29°57 | 23°28 | 9°34 | 18° 2 | 18° 5 | 8°14 | 9° 9 | M 5 |
| T 6 | 3 1 6 | 13°26'34 | 1중 6 | 25°42 | 29°45 | 25° 1 | 0°39 | 17°31 | 29°56 | 23°30 | 9°36 | 18° 3 | 18° 2 | 8°20 | 9°8 | T 6 |
| W 7 | 3 5 2 | 14°25'56 | 15°39 | 26°56 | 0 궁 49 | 25°14 | 0°47 | 17°38 | 29°54 | 23°31 | 9°38 | 18° 3 | 17°59 | 8°27 | 9° 7 | W 7 |
| T 8 | 3 8 59 | 15°25'20 | 0≈ 1 | 28°16 | 1°52 | 25°28 | 0°55 | 17°46 | 29°53 | 23°33 | 9°40 | 18° 3 | 17°56 | 8°34 | 9° 6 | T 8 |
| F 9 | 3 12 56 | 16°24'46 | 14°10 | 29°39 | 2°55 | 25°43 | 1° 2 | 17°53 | 29°51 | 23°35 | 9°41 | 18°R 3 | 17°52 | 8°40 | 9° 6 | F 9 |
| S 10 | 3 16 52 | 17°24'13 | 28° 4 | 1 M 6 | 3°58 | 25°58 | 1°10 | 18° 0 | 29°49 | 23°37 | 9°43 | 18° 3 | 17°49 | 8°47 | 9° 5 | S 10 |
| S 11 | 3 20 49 | 18°23'42 | 11) (41 | 2°36 | 5° 1 | 26°13 | 1°18 | 18° 8 | 29°48 | 23°39 | 9°45 | 18°D 3 | 17°46 | 8°54 | 9° 5 | S 11 |
| M12 | 3 24 45 | 19°23'13 | 25° 3 | 4° 9 | 6° 3 | 26°30 | 1°27 | 18°15 | 29°46 | 23°41 | 9°47 | 18° 3 | 17°43 | 9° 1 | 9° 4 | M12 |
| T 13 | 3 28 42 | 20°22'45 | 8 Υ 10 | 5°43 | 7° 5 | 26°47 | 1°35 | 18°22 | 29°44 | 23°43 | 9°49 | 18° 4 | 17°40 | 9° 7 | 9° 4 | T 13 |
| W14 | 3 32 38 | 21°22'19 | 21° 3 | 7°19 | 8° 7 | 27° 4 | 1°43 | 18°30 | 29°42 | 23°45 | 9°50 | 18° 4 | 17°36 | 9°14 | 9° 4 | W14 |
| T 15 | 3 36 35 | 22°21'55 | 3 8 42 | 8°57 | 9° 8 | 27°22 | 1°52 | 18°37 | 29°41 | 23°47 | 9°52 | 18° 4 | 17°33 | 9°21 | 9° 3 | T 15 |
| F 16 | 3 40 31 | 23°21'32 | 16°10 | 10°35 | 10° 9 | 27°41 | 2° 1 | 18°44 | 29°39 | 23°49 | 9°54 | 18°R 4 | 17°30 | 9°27 | 9° 3 | F 16 |
| S 17 | 3 44 28 | 24°21'12 | 28°26 | 12°14 | 11° 9 | 28° 0 | 2° 9 | 18°52 | 29°37 | 23°51 | 9°55 | 18° 4 | 17°27 | 9°34 | 9° 3 | S 17 |
| S 18 | 3 48 25 | 25°20'53 | 10 Ⅲ 33 | 13°54 | 12°10 | 28°20 | 2°18 | 18°59 | 29°35 | 23°53 | 9°57 | 18° 4 | 17°24 | 9°41 | 9°D 3 | S 18 |
| M19 | 3 52 21 | 26°20'37 | 22°33 | 15°34 | 13°10 | 28°40 | 2°28 | 19° 6 | 29°33 | 23°55 | 9°59 | 18° 3 | 17°21 | 9°47 | 9° 3 | M19 |
| T 20 | 3 56 18 | 27°20'22 | 49526 | 17°14 | 14° 9 | 29° 0 | 2°37 | 19°14 | 29°31 | 23°57 | 10° 0 | 18° 2 | 17°17 | 9°54 | 9° 3 | T 20 |
| W21 | 4 0 14 | 28°20'10 | 16°17 | 18°54 | 15° 8 | 29°22 | 2°46 | 19°21 | 29°29 | 23°59 | 10° 2 | 18° 0 | 17°14 | 10° 1 | 9° 3 | W21 |
| T 22 | 4 4 11 | 29°20'00 | 28° 7 | 20°34 | 16° 7 | 29°43 | 2°56 | 19°28 | 29°27 | 24° 1 | 10° 3 | 17°59 | 17°11 | 10° 7 | 9° 3 | T 22 |
| F 23 | 4 8 7 | 0 ₹ 19'51 | 100 1 | 22°14 | 17° 5 | 0 Υ 5 | 3° 5 | 19°36 | 29°25 | 24° 3 | 10° 5 | 17°57 | 17° 8 | 10°14 | 9° 4 | F 23 |
| S 24 | 4 12 4 | 1°19'45 | 22° 4 | 23°54 | 18° 3 | 0°28 | 3°15 | 19°43 | 29°23 | 24° 5 | 10° 6 | 17°57 | 17° 5 | 10°21 | 9° 4 | S 24 |
| S 25 | 4 16 0 | 2°19'41 | 4 m)18 | 25°34 | 19° 1 | 0°51 | 3°25 | 19°50 | 29°21 | 24° 7 | 10° 8 | 17°D56 | 17° 2 | 10°28 | 9° 4 | S 25 |
| M26 | 4 19 57 | 3°19'39 | 16°50 | 27°13 | 19°57 | 1°15 | 3°35 | 19°57 | 29°18 | 24° 9 | 10° 9 | 17°57 | 16°58 | 10°34 | 9° 5 | M26 |
| T 27 | 4 23 54 | 4°19'39 | 29°42 | 28°52 | 20°54 | 1°39 | 3°45 | 20° 5 | 29°16 | 24°12 | 10°11 | 17°58 | 16°55 | 10°41 | 9° 5 | T 27 |
| W28 | 4 27 50 | 5°19'41 | 12 ≏ 59 | 0 ∡ 31 | 21°50 | 2° 3 | 3°55 | 20°12 | 29°14 | 24°14 | 10°12 | 17°59 | 16°52 | 10°48 | 9° 6 | W28 |
| T 29 | 4 31 47 | 6°19'45 | 26°42 | 2° 9 | 22°45 | 2°28 | 4° 5 | 20°19 | 29°12 | 24°16 | 10°14 | 18° 0 | 16°49 | 10°54 | 9° 7 | T 29 |
| F 30 | 4 35 43 | 7 ₹ 19'51 | 10ML52 | 3 ∡ 747 | 23 궁 40 | 2 Υ 53 | 4≈15 | 20M26 | 29耳 9 | 24 × 18 | 10 ≏ 15 | 18°R 1 | 16846 | 1199 1 | 9 ∺ 7 | F 30 |

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| S 1 | 4 39 40 | 8 .7 19'59 | 25 M 25 | 5 ₹ 25 | 24 궁 34 | 3 Υ19 | 4≈26 | 20 M 33 | 29°R 7 | 24 × 720 | 10 ≏ 16 | 18°R 1 | 16842 | 1199 8 | 9 ∺ 8 | S 1 |
| S 2 | 4 43 36 | 9°20'09 | 10 ∡ 18 | 7° 2 | 25°28 | 3°44 | 4°36 | 20°40 | 29耳 5 | 24°22 | 10°18 | 18 8 0 | 16°39 | 11°14 | 9° 9 | S 2 |
| M 3 | 4 47 33 | 10°20'21 | 25°21 | 8°39 | 26°21 | 4°11 | 4°47 | 20°48 | 29° 2 | 24°25 | 10°19 | 17°58 | 16°36 | 11°21 | 9°10 | M 3 |
| T 4 | 4 51 30 | 11°20'34 | 10 궁 26 | 10°16 | 27°14 | 4°38 | 4°58 | 20°55 | 29° 0 | 24°27 | 10°20 | 17°55 | 16°33 | 11°28 | 9°11 | T 4 |
| W 5 | 4 55 26 | 12°20'49 | 25°23 | 11°52 | 28° 5 | 5° 5 | 5° 9 | 21° 2 | 28°58 | 24°29 | 10°21 | 17°52 | 16°30 | 11°35 | 9°12 | W 5 |
| T 6 | 4 59 23 | 13°21'05 | 10≈ 5 | 13°28 | 28°57 | 5°32 | 5°20 | 21° 9 | 28°55 | 24°31 | 10°23 | 17°48 | 16°27 | 11°41 | 9°13 | T 6 |
| F 7 | 5 3 19 | 14°21'23 | 24°27 | 15° 3 | 29°47 | 6° 0 | 5°31 | 21°16 | 28°53 | 24°33 | 10°24 | 17°46 | 16°23 | 11°48 | 9°14 | F 7 |
| S 8 | 5 7 16 | 15°21'42 | 8 ∺ 25 | 16°39 | 0≈36 | 6°28 | 5°42 | 21°23 | 28°51 | 24°36 | 10°25 | 17°45 | 16°20 | 11°55 | 9°15 | S 8 |
| S 9 | 5 11 12 | 16°22'02 | 21°59 | 18°14 | 1°25 | 6°56 | 5°53 | 21°30 | 28°48 | 24°38 | 10°26 | 17°D45 | 16°17 | 12° 1 | 9°16 | S 9 |
| M10 | 5 15 9 | 17°22'23 | 5 Υ 11 | 19°48 | 2°13 | 7°25 | 6° 5 | 21°36 | 28°46 | 24°40 | 10°27 | 17°46 | 16°14 | 12° 8 | 9°18 | M10 |
| T 11 | 5 19 5 | 18°22'46 | 18° 3 | 21°23 | 3° 0 | 7°54 | 6°16 | 21°43 | 28°43 | 24°42 | 10°28 | 17°47 | 16°11 | 12°15 | 9°19 | T 11 |
| W12 | 5 23 2 | 19°23'10 | 0 8 39 | 22°57 | 3°46 | 8°24 | 6°28 | 21°50 | 28°41 | 24°45 | 10°29 | 17°49 | 16° 8 | 12°21 | 9°20 | W12 |
| T 13 | 5 26 59 | 20°23'35 | 13° 1 | 24°31 | 4°32 | 8°53 | 6°39 | 21°57 | 28°38 | 24°47 | 10°30 | 17°R50 | 16° 4 | 12°28 | 9°22 | T 13 |
| F 14 | 5 30 55 | 21°24'02 | 25°13 | 26° 5 | 5°16 | 9°23 | 6°51 | 22° 4 | 28°36 | 24°49 | 10°31 | 17°50 | 16° 1 | 12°35 | 9°24 | F 14 |
| S 15 | 5 34 52 | 22°24'30 | 7 Ⅱ 17 | 27°39 | 5°59 | 9°53 | 7° 3 | 22°10 | 28°33 | 24°51 | 10°32 | 17°48 | 15°58 | 12°42 | 9°25 | S 15 |
| S 16 | 5 38 48 | 23°25'00 | 19°15 | 29°12 | 6°41 | 10°24 | 7°15 | 22°17 | 28°31 | 24°54 | 10°33 | 17°44 | 15°55 | 12°48 | 9°27 | S 16 |
| M17 | 5 42 45 | 24°25'31 | 195 9 | 0 궁 46 | 7°22 | 10°54 | 7°27 | 22°24 | 28°28 | 24°56 | 10°34 | 17°39 | 15°52 | 12°55 | 9°29 | M17 |
| T 18 | 5 46 41 | 25°26'03 | 13° 0 | 2°19 | 8° 2 | 11°25 | 7°39 | 22°30 | 28°26 | 24°58 | 10°35 | 17°32 | 15°48 | 13° 2 | 9°30 | T 18 |
| W19 | 5 50 38 | 26°26'37 | 24°51 | 3°52 | 8°41 | 11°56 | 7°51 | 22°37 | 28°23 | 25° 0 | 10°36 | 17°24 | 15°45 | 13° 8 | 9°32 | W19 |
| T 20 | 5 54 34 | 27°27'12 | 6 Ω 43 | 5°25 | 9°18 | 12°28 | 8° 3 | 22°43 | 28°21 | 25° 3 | 10°36 | 17°17 | 15°42 | 13°15 | 9°34 | T 20 |
| F 21 | 5 58 31 | 28°27'49 | 18°39 | 6°57 | 9°54 | 12°59 | 8°15 | 22°50 | 28°18 | 25° 5 | 10°37 | 17°10 | 15°39 | 13°22 | 9°36 | F 21 |
| S 22 | 6 2 28 | 29°28'27 | 0 m)42 | 8°30 | 10°29 | 13°31 | 8°27 | 22°56 | 28°16 | 25° 7 | 10°38 | 17° 4 | 15°36 | 13°28 | 9°38 | S 22 |
| S 23 | 6 6 24 | 0중29'07 | 12°55 | 10° 3 | 11° 2 | 14° 3 | 8°40 | 23° 3 | 28°13 | 25° 9 | 10°38 | 17° 0 | 15°33 | 13°35 | 9°40 | S 23 |
| M24 | 6 10 21 | 1°29'48 | 25°21 | 11°35 | 11°34 | 14°36 | 8°52 | 23° 9 | 28°11 | 25°12 | 10°39 | 16°59 | 15°29 | 13°42 | 9°42 | M24 |
| T 25 | 6 14 17 | 2°30'31 | 8 ₾ 7 | 13° 7 | 12° 5 | 15° 8 | 9° 5 | 23°15 | 28° 8 | 25°14 | 10°40 | 16°D58 | 15°26 | 13°49 | 9°44 | T 25 |
| W26 | 6 18 14 | 3°31'15 | 21°14 | 14°40 | 12°33 | 15°41 | 9°17 | 23°21 | 28° 6 | 25°16 | 10°40 | 16°59 | 15°23 | 13°55 | 9°47 | W26 |
| T 27 | 6 22 10 | 4°32'00 | 4M48 | 16°12 | 13° 1 | 16°13 | 9°30 | 23°28 | 28° 3 | 25°18 | 10°41 | 17° 1 | 15°20 | 14° 2 | 9°49 | T 27 |
| F 28 | 6 26 7 | 5°32'47 | 18°50 | 17°44 | 13°26 | 16°47 | 9°43 | 23°34 | 28° 1 | 25°21 | 10°41 | 17°R 1 | 15°17 | 14° 9 | 9°51 | F 28 |
| S 29 | 6 30 4 | 6°33'36 | 3 ₹ 20 | 19°15 | 13°50 | 17°20 | 9°55 | 23°40 | 27°58 | 25°23 | 10°42 | 17° 0 | 15°14 | 14°15 | 9°54 | S 29 |
| S 30 | 6 34 0 | 7°34'26 | 18°14 | 20°47 | 14°12 | 17°53 | 10° 8 | 23°46 | 27°56 | 25°25 | 10°42 | 16°57 | 15°10 | 14°22 | 9°56 | S 30 |
| M31 | 6 37 57 | 8 궁 35'17 | 3 る 26 | 22 궁 18 | 14≈32 | 18 Y 27 | 10≈21 | 23M52 | 27 II 53 | 25 ₹ 27 | 10 ≏ 43 | 16 8 51 | 15 8 7 | 149529 | 9 米 59 | M31 |

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|--------------|--------------------|----------------------|-------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|--------------|
| T 1 | 6 41 53 | 9 ට 36'09 | 18 る 45 | 23 ~3 49 | 14≈50 | 19 Ƴ 1 | 10≈34 | 23M58 | 27°R51 | 25 × 129 | 10 ≏ 43 | 16°R43 | 15 8 4 | 14935 | 10 米 1 | T 1 |
| W 2 | 6 45 50 | 10°37'02 | 4≈ 1 | 25°20 | 15° 6 | 19°35 | 10°47 | 24° 3 | 27∏48 | 25°32 | 10°44 | 16835 | 15° 1 | 14°42 | 10° 4 | W 2 |
| T 3 | 6 49 46 | 11°37'55 | 19° 3 | 26°50 | 15°20 | 20° 9 | 11° 0 | 24° 9 | 27°46 | 25°34 | 10°44 | 16°26 | 14°58 | 14°49 | 10° 6 | T 3 |
| F 4 S 5 | 6 53 43 6 57 39 | 12°38'50 13°39'45 | 3) €41 17°52 | 28°20 29°50 | 15°31 15°41 | 20°43 21°17 | 11°13 11°27 | 24°15 24°21 | 27°43 27°41 | 25°36 25°38 | 10°44 10°45 | 16°19 16°14 | 14°54 14°51 | 14°56 15° 2 | 10° 9 10°12 | F 4 S 5 |
| | | | | | | | | | | | | | | | | |
| S 6 | 7 1 36 | 14°40'40 | 1 Υ 33 | 1≈18 | 15°48 | 21°52 | 11°40 | 24°26 | 27°39 | 25°40 | 10°45 | 16°11 | 14°48 | 15° 9 | 10°15 | S 6 |
| M 7 T 8 | 7 5 33 7 9 29 | 15°41'36 16°42'32 | 14°47 27°35 | 2°46 4°12 | 15°53 15°56 | 22°27 23° 2 | 11°53 12° 6 | 24°32 24°37 | 27°36 27°34 | 25°42 25°45 | 10°45 10°45 | 16°D10 16°10 | 14°45 14°42 | 15°16 15°22 | 10°18 10°20 | M 7 T 8 |
| W 9 | 7 13 26 | 16°42'32 17°43'29 | 108 4 | 5°38 | 15°R56 | 23°37 | 12° 6 | 24°43 | 27°34 27°32 | 25°43 25°47 | 10°45 | 16°R11 | 14°42 14°39 | 15°22 15°29 | 10°20 10°23 | W 9 |
| T 10 | 7 17 22 | 18°44'27 | 22°17 | 7° 2 | 15°53 | 24°12 | 12°33 | 24°48 | 27°29 | 25°49 | 10°45 | 16°11 | 14°35 | 15°36 | 10°26 | T 10 |
| F 11 | 7 21 19 | 19°45'25 | 4 I 19 | 8°25 | 15°49 | 24°47 | 12°47 | 24°53 | 27°27 | 25°51 | 10°45 | 16° 9 | 14°32 | 15°43 | 10°29 | F 11 |
| S 12 | 7 25 15 | 20°46'23 | 16°15 | 9°45 | 15°41 | 25°22 | 13° 0 | 24°58 | 27°25 | 25°53 | 10°46 | 16° 5 | 14°29 | 15°49 | 10°32 | S 12 |
| S 13 | 7 29 12 | 21°47'22 | 28° 7 | 11° 3 | 15°31 | 25°58 | 13°14 | 25° 3 | 27°22 | 25°55 | 10°R46 | 15°58 | 14°26 | 15°56 | 10°35 | S 13 |
| M14 | 7 33 8 | 22°48'21 | 9957 | 12°18 | 15°19 | 26°34 | 13°27 | 25° 8 | 27°20 | 25°57 | 10°45 | 15°48 | 14°23 | 16° 3 | 10°39 | M14 |
| T 15 | 7 37 5 | 23°49'21 | 21°49 | 13°31 | 15° 4 | 27° 9 | 13°41 | 25°13 | 27°18 | 25°59 | 10°45 | 15°35 | 14°20 | 16° 9 | 10°42 | T 15 |
| W16 | 7 41 2 | 24°50'21 | 3 Ω 43 | 14°39 | 14°47 | 27°45 | 13°54 | 25°18 | 27°16 | 26° 1 | 10°45 | 15°22 | 14°16 | 16°16 | 10°45 | W16 |
| T 17 | 7 44 58 | 25°51'22 | 15°40 | 15°43 | 14°27 | 28°21 | 14° 8 | 25°23 | 27°14 | 26° 3 | 10°45 | 15° 8 | 14°13 | 16°23 | 10°48 | T 17 |
| F 18 S 19 | 7 48 55 | 26°52'23 | 27°43 | 16°42 17°36 | 14° 5 13°41 | 28°57 | 14°22 14°36 | 25°28 | 27°12 27°10 | 26° 5 26° 7 | 10°45 | 14°55 | 14°10 14° 7 | 16°29 16°36 | 10°52 10°55 | F 18 S 19 |
| | 7 52 51 | 27°53'25 | 9 m)51 | | | 29°33 | | 25°32 | | | 10°45 | 14°44 | | | | |
| S 20 | 7 56 48 | 28°54'27 | 22° 9 | 18°22 | 13°15 | 08 9 | 14°49 | 25°37 | 27° 7 | 26° 9 | 10°45 | 14°36 | 14° 4 | 16°43 | 10°58 | S 20 |
| M21 | 8 0 44 | 29°55'30 | 4 <u>Ω</u> 37 | 19° 2 | 12°46 | 0°46 | 15° 3 | 25°42 | 27° 5 | 26°11 26°13 | 10°44 | 14°31 | 14° 0 | 16°50 | 11° 2 11° 5 | M21 T 22 |
| T 22 W23 | 8 4 41 8 8 37 | 0≈56'34 1°57'38 | 17°21 0ML22 | 19°33 19°54 | 12°16 11°45 | 1°22 1°59 | 15°17 15°31 | 25°46 25°50 | 27° 4 27° 2 | 26°15 | 10°44 10°44 | 14°28 14°D27 | 13°57 13°54 | 16°56 17° 3 | 11° 5 | W23 |
| T 24 | 8 12 34 | 2°58'42 | 13°46 | 20° 6 | 11°12 | 2°35 | 15°45 | 25°55 | 27° 0 | 26°17 | 10°43 | 14°R28 | 13°51 | 17°10 | 11°12 | T 24 |
| F 25 | 8 16 31 | 3°59'47 | 27°34 | 20°R 7 | 10°38 | 3°12 | 15°59 | 25°59 | 26°58 | 26°19 | 10°43 | 14°27 | 13°48 | 17°16 | 11°16 | F 25 |
| S 26 | 8 20 27 | 5° 0'53 | 11 ~ 149 | 19°56 | 10° 3 | 3°49 | 16°13 | 26° 3 | 26°56 | 26°21 | 10°43 | 14°25 | 13°45 | 17°23 | 11°19 | S 26 |
| S 27 | 8 24 24 | 6° 1'59 | 26°29 | 19°34 | 9°27 | 4°26 | 16°27 | 26° 7 | 26°54 | 26°23 | 10°42 | 14°20 | 13°41 | 17°30 | 11°23 | S 27 |
| M28 | 8 28 20 | 7° 3'05 | 11る30 | 18°59 | 8°50 | 5° 2 | 16°41 | 26°11 | 26°52 | 26°24 | 10°42 | 14°12 | 13°38 | 17°37 | 11°27 | M28 |
| T 29 | 8 32 17 | 8° 4'11 | 26°44 | 18°13 | 8°14 | 5°39 | 16°55 | 26°15 | 26°51 | 26°26 | 10°41 | 14° 2 | 13°35 | 17°43 | 11°30 | T 29 |
| W30 | 8 36 13 | 9° 5'18 | 12≈ 1 | 17°17 | 7°37 | 6°17 | 17° 9 | 26°18 | 26°49 | 26°28 | 10°41 | 13°50 | 13°32 | 17°50 | 11°34 | W30 |
| T 31 | 8 40 10 | 10≈ 6′24 | 27≈ 8 | 16≈12 | 7 ≈ 1 | 6 8 54 | 17≈23 | 26M22 | 26 Ⅱ 47 | 26 × 30 | 10 ≙ 40 | 13 8 38 | 13 8 29 | 17957 | 11) 38 | T 31 |

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| F 1 | 8 44 7 | 11≈ 7'30 | 11) (56 | 14°R59 | 6°R25 | 7 8 31 | 17≈37 | 26M26 | 26°R46 | 26 ₹ 32 | 10°R39 | 13°R28 | 13826 | 1895 3 | 11) (42 | F 1 |
| S 2 | 8 48 3 | 12° 8'36 | 26°17 | 13≈42 | 5≈50 | 8° 8 | 17°51 | 26°29 | 26∏44 | 26°33 | 10 ≏ 39 | 13 8 19 | 13°22 | 18°10 | 11°45 | S 2 |
| S 3 | 8 52 0 | 13° 9'41 | 10 Y 8 | 12°22 | 5°15 | 8°46 | 18° 5 | 26°32 | 26°43 | 26°35 | 10°38 | 13°14 | 13°19 | 18°17 | 11°49 | S 3 |
| M 4 | 8 55 56 | 14°10'46 | 23°30 | 11° 2 | 4°42 | 9°23 | 18°19 | 26°36 | 26°41 | 26°37 | 10°37 | 13°11 | 13°16 | 18°24 | 11°53 | M 4 |
| T 5 | 8 59 53 | 15°11'51 | 6 8 23 | 9°45 | 4°11 | 10° 0 | 18°33 | 26°39 | 26°40 | 26°38 | 10°37 | 13°10 | 13°13 | 18°30 | 11°57 | T 5 |
| W 6 | 9 3 49 | 16°12'55 | 18°54 | 8°33 | 3°41 | 10°38 | 18°47 | 26°42 | 26°38 | 26°40 | 10°36 | 13°10 | 13°10 | 18°37 | 12° 1 | W 6 |
| T 7 | 9 7 46 | 17°13'58 | 1耳 7 | 7°27 | 3°13 | 11°16 | 19° 1 | 26°45 | 26°37 | 26°42 | 10°35 | 13°10 | 13° 6 | 18°44 | 12° 5 | T 7 |
| F 8 | 9 11 42 | 18°15'01 | 13° 7 | 6°29 | 2°46 | 11°53 | 19°15 | 26°48 | 26°36 | 26°43 | 10°34 | 13° 8 | 13° 3 | 18°50 | 12° 9 | F 8 |
| S 9 | 9 15 39 | 19°16'03 | 25° 0 | 5°40 | 2°22 | 12°31 | 19°29 | 26°51 | 26°34 | 26°45 | 10°33 | 13° 3 | 13° 0 | 18°57 | 12°13 | S 9 |
| S 10 | 9 19 36 | 20°17'05 | 6950 | 5° 1 | 2° 0 | 13° 9 | 19°43 | 26°53 | 26°33 | 26°46 | 10°33 | 12°56 | 12°57 | 19° 4 | 12°17 | S 10 |
| M11 | 9 23 32 | 21°18'06 | 18°40 | 4°31 | 1°41 | 13°46 | 19°57 | 26°56 | 26°32 | 26°48 | 10°32 | 12°45 | 12°54 | 19°10 | 12°21 | M11 |
| T 12 | 9 27 29 | 22°19'07 | 0 Ω 33 | 4°10 | 1°23 | 14°24 | 20°12 | 26°58 | 26°31 | 26°49 | 10°31 | 12°33 | 12°51 | 19°17 | 12°25 | T 12 |
| W13 | 9 31 25 | 23°20'07 | 12°32 | 3°59 | 1° 8 | 15° 2 | 20°26 | 27° 1 | 26°30 | 26°51 | 10°30 | 12°18 | 12°47 | 19°24 | 12°29 | W13 |
| T 14 | 9 35 22 | 24°21'06 | 24°38 | 3°D56 | 0°56 | 15°40 | 20°40 | 27° 3 | 26°29 | 26°52 | 10°29 | 12° 4 | 12°44 | 19°31 | 12°33 | T 14 |
| F 15 | 9 39 18 | 25°22'04 | 6 m 51 | 4° 1 | 0°46 | 16°18 | 20°54 | 27° 5 | 26°28 | 26°53 | 10°28 | 11°50 | 12°41 | 19°37 | 12°37 | F 15 |
| S 16 | 9 43 15 | 26°23'02 | 19°12 | 4°14 | 0°38 | 16°56 | 21° 8 | 27° 8 | 26°27 | 26°55 | 10°27 | 11°38 | 12°38 | 19°44 | 12°41 | S 16 |
| S 17 | 9 47 11 | 27°24'00 | 1 ≏ 43 | 4°33 | 0°33 | 17°34 | 21°22 | 27°10 | 26°26 | 26°56 | 10°26 | 11°30 | 12°35 | 19°51 | 12°45 | S 17 |
| M18 | 9 51 8 | 28°24'57 | 14°23 | 4°59 | 0°31 | 18°12 | 21°36 | 27°11 | 26°25 | 26°57 | 10°25 | 11°24 | 12°32 | 19°57 | 12°49 | M18 |
| T 19 | 9 55 5 | 29°25'53 | 27°15 | 5°31 | 0°D31 | 18°50 | 21°50 | 27°13 | 26°24 | 26°59 | 10°24 | 11°21 | 12°28 | 20° 4 | 12°53 | T 19 |
| W20 | 9 59 1 | 0 ∺ 26'49 | 10ML22 | 6° 8 | 0°33 | 19°28 | 22° 4 | 27°15 | 26°24 | 27° 0 | 10°23 | 11°D20 | 12°25 | 20°11 | 12°57 | W20 |
| T 21 | 10 2 58 | 1°27'44 | 23°44 | 6°50 | 0°38 | 20° 6 | 22°18 | 27°17 | 26°23 | 27° 1 | 10°21 | 11°20 | 12°22 | 20°18 | 13° 1 | T 21 |
| F 22 | 10 6 54 | 2°28'39 | 7 ₹ 25 | 7°36 | 0°45 | 20°45 | 22°32 | 27°18 | 26°22 | 27° 2 | 10°20 | 11°R20 | 12°19 | 20°24 | 13° 6 | F 22 |
| S 23 | 10 10 51 | 3°29'34 | 21°27 | 8°26 | 0°54 | 21°23 | 22°46 | 27°19 | 26°22 | 27° 4 | 10°19 | 11°19 | 12°16 | 20°31 | 13°10 | S 23 |
| S 24 | 10 14 47 | 4°30'28 | 5 る 48 | 9°20 | 1° 6 | 22° 1 | 23° 0 | 27°21 | 26°21 | 27° 5 | 10°18 | 11°15 | 12°12 | 20°38 | 13°14 | S 24 |
| M25 | 10 18 44 | 5°31'21 | 20°27 | 10°17 | 1°20 | 22°39 | 23°14 | 27°22 | 26°21 | 27° 6 | 10°17 | 11° 9 | 12° 9 | 20°44 | 13°18 | M25 |
| T 26 | 10 22 40 | 6°32'14 | 5≈19 | 11°17 | 1°36 | 23°18 | 23°28 | 27°23 | 26°20 | 27° 7 | 10°15 | 11° 1 | 12° 6 | 20°51 | 13°22 | T 26 |
| W27 | 10 26 37 | 7°33'06 | 20°16 | 12°19 | 1°54 | 23°56 | 23°42 | 27°24 | 26°20 | 27° 8 | 10°14 | 10°51 | 12° 3 | 20°58 | 13°26 | W27 |
| T 28 | 10 30 34 | 8°33'57 | 5) 9 | 13°25 | 2°13 | 24°34 | 23°56 | 27°25 | 26°20 | 27° 9 | 10°13 | 10°40 | 12° 0 | 21° 5 | 13°31 | T 28 |
| F 29 | 10 34 30 | 9) (34'46 | 19) (49 | 14≈32 | 2≈35 | 25 8 13 | 24≈10 | 27 M 26 | 26 Ⅱ 19 | 27 × 10 | 10 ₽ 11 | 10831 | 11857 | 219911 | 13 ∺ 35 | F 29 |

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| S 1 | 10 38 27 | 10 ∺ 35'35 | 4 Υ 8 | 15 ≈ 41 | 2≈59 | 25 8 51 | 24≈24 | 27 M 26 | 26°R19 | 27 × 11 | 10°R10 | 10°R24 | 11853 | 219518 | 13) 39 | S 1 |
| S 2 | 10 42 23 | 11°36'22 | 18° 1 | 16°53 | 3°24 | 26°30 | 24°38 | 27°27 | 26 II 19 | 27°12 | 10₽9 | 10 8 19 | 11°50 | 21°25 | 13°43 | S 2 |
| M 3 | 10 46 20 | 12°37'08 | 1827 | 18° 6 | 3°51 | 27° 8 | 24°51 | 27°27 | 26°19 | 27°13 | 10° 7 | 10°17 | 11°47 | 21°31 | 13°47 | M 3 |
| T 4 | 10 50 16 | 13°37'53 | 14°27 | 19°21 | 4°20 | 27°47 | 25° 5 | 27°28 | 26°D19 | 27°13 | 10° 6 | 10°D16 | 11°44 | 21°38 | 13°52 | T 4 |
| W 5 | 10 54 13 | 14°38'36 | 27° 3 | 20°37 | 4°50 | 28°25 | 25°19 | 27°28 | 26°19 | 27°14 | 10° 5 | 10°17 | 11°41 | 21°45 | 13°56 | W 5 |
| T 6 | 10 58 9 | 15°39'18 | 9∏20 | 21°55 | 5°22 | 29° 4 | 25°33 | 27°28 | 26°19 | 27°15 | 10° 3 | 10°18 | 11°38 | 21°52 | 14° 0 | T 6 |
| F 7 | 11 2 6 | 16°39'59 | 21°23 | 23°14 | 5°55 | 29°42 | 25°46 | 27°R28 | 26°19 | 27°16 | 10° 2 | 10°R18 | 11°34 | 21°58 | 14° 4 | F 7 |
| S 8 | 11 6 3 | 17°40'38 | 39518 | 24°35 | 6°29 | 0 П 21 | 26° 0 | 27°28 | 26°19 | 27°17 | 10° 0 | 10°17 | 11°31 | 22° 5 | 14° 9 | S 8 |
| S 9 | 11 9 59 | 18°41'15 | 15° 8 | 25°57 | 7° 5 | 0°59 | 26°14 | 27°28 | 26°19 | 27°17 | 9°59 | 10°13 | 11°28 | 22°12 | 14°13 | S 9 |
| M10 | 11 13 56 | 19°41'51 | 27° 0 | 27°20 | 7°43 | 1°38 | 26°27 | 27°27 | 26°20 | 27°18 | 9°57 | 10° 7 | 11°25 | 22°18 | 14°17 | M10 |
| T 11 | 11 17 52 | 20°42'25 | 8Ω 56 | 28°44 | 8°21 | 2°16 | 26°41 | 27°27 | 26°20 | 27°19 | 9°56 | 9°59 | 11°22 | 22°25 | 14°21 | T 11 |
| W12 | 11 21 49 | 21°42'57 | 21° 0 | 0 ∺ 9 | 9° 1 | 2°55 | 26°54 | 27°26 | 26°20 | 27°19 | 9°54 | 9°50 | 11°18 | 22°32 | 14°25 | W12 |
| T 13 | 11 25 45 | 22°43'28 | 3 Mp 14 | 1°36 | 9°41 | 3°34 | 27° 8 | 27°26 | 26°21 | 27°20 | 9°53 | 9°41 | 11°15 | 22°39 | 14°29 | T 13 |
| F 14 | 11 29 42 | 23°43'58 | 15°39 | 3° 3 | 10°23 | 4°12 | 27°21 | 27°25 | 26°21 | 27°20 | 9°51 | 9°32 | 11°12 | 22°45 | 14°34 | F 14 |
| S 15 | 11 33 38 | 24°44'26 | 28°17 | 4°32 | 11° 6 | 4°51 | 27°34 | 27°24 | 26°22 | 27°21 | 9°50 | 9°25 | 11° 9 | 22°52 | 14°38 | S 15 |
| S 16 | 11 37 35 | 25°44'52 | 11 º 6 | 6° 1 | 11°50 | 5°29 | 27°48 | 27°23 | 26°22 | 27°21 | 9°48 | 9°19 | 11° 6 | 22°59 | 14°42 | S 16 |
| M17 | 11 41 31 | 26°45'17 | 24° 6 | 7°32 | 12°35 | 6° 8 | 28° 1 | 27°22 | 26°23 | 27°22 | 9°47 | 9°16 | 11° 3 | 23° 5 | 14°46 | M17 |
| T 18 | 11 45 28 | 27°45'41 | 7 ™ 19 | 9° 4 | 13°21 | 6°47 | 28°14 | 27°21 | 26°24 | 27°22 | 9°45 | 9°D15 | 10°59 | 23°12 | 14°50 | T 18 |
| W19 | 11 49 25 | 28°46'03 | 20°42 | 10°37 | 14° 8 | 7°25 | 28°27 | 27°20 | 26°24 | 27°22 | 9°44 | 9°15 | 10°56 | 23°19 | 14°54 | W19 |
| T 20 | 11 53 21 | 29°46'24 | 4 ₹ 18 | 12°10 | 14°56 | 8° 4 | 28°40 | 27°19 | 26°25 | 27°23 | 9°42 | 9°17 | 10°53 | 23°26 | 14°58 | T 20 |
| F 21 | 11 57 18 | 0 ℃ 46'44 | 18° 5 | 13°45 | 15°45 | 8°43 | 28°54 | 27°17 | 26°26 | 27°23 | 9°41 | 9°18 | 10°50 | 23°32 | 15° 2 | F 21 |
| S 22 | 12 1 14 | 1°47'02 | 2る 4 | 15°21 | 16°34 | 9°21 | 29° 7 | 27°16 | 26°27 | 27°23 | 9°39 | 9°R19 | 10°47 | 23°39 | 15° 7 | S 22 |
| S 23 | 12 5 11 | 2°47'20 | 16°15 | 16°57 | 17°24 | 10° 0 | 29°20 | 27°14 | 26°28 | 27°23 | 9°37 | 9°18 | 10°43 | 23°46 | 15°11 | S 23 |
| M24 | 12 9 7 | 3°47'36 | 0≈35 | 18°35 | 18°15 | 10°39 | 29°32 | 27°12 | 26°29 | 27°24 | 9°36 | 9°15 | 10°40 | 23°52 | 15°15 | M24 |
| T 25 | 12 13 4 | 4°47'50 | 15° 1 | 20°14 | 19° 7 | 11°17 | 29°45 | 27°10 | 26°30 | 27°24 | 9°34 | 9°11 | 10°37 | 23°59 | 15°19 | T 25 |
| W26 | 12 17 0 | 5°48'03 | 29°30 | 21°54 | 19°59 | 11°56 | 29°58 | 27° 8 | 26°31 | 27°24 | 9°33 | 9° 7 | 10°34 | 24° 6 | 15°23 | W26 |
| T 27 | 12 20 57 | 6°48'14 | 13 ∺ 55 | 23°35 | 20°52 | 12°35 | 0) 11 | 27° 6 | 26°32 | 27°24 | 9°31 | 9° 1 | 10°31 | 24°13 | 15°27 | T 27 |
| F 28 | 12 24 54 | 7°48'24 | 28°11 | 25°17 | 21°46 | 13°13 | 0°23 | 27° 4 | 26°33 | 27°24 | 9°29 | 8°57 | 10°28 | 24°19 | 15°31 | F 28 |
| S 29 | 12 28 50 | 8°48'32 | 12 Y 11 | 27° 0 | 22°40 | 13°52 | 0°36 | 27° 2 | 26°35 | 27°R24 | 9°28 | 8°53 | 10°24 | 24°26 | 15°35 | S 29 |
| S 30 | 12 32 47 | 9°48'38 | 25°52 | 28°44 | 23°35 | 14°31 | 0°49 | 27° 0 | 26°36 | 27°24 | 9°26 | 8°51 | 10°21 | 24°33 | 15°38 | S 30 |
| M31 | 12 36 43 | 10 Υ 48'43 | 9813 | 0Υ29 | 24≈30 | 15 II 9 | 1) 1 | 26M57 | 26 Ⅲ 37 | 27 × 124 | 9 <u>Ω</u> 25 | 8°D50 | 10818 | 24939 | 15) (42 | M31 |

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| T 1 | 12 40 40 | 11 ° 48'45 | 22811 | 2 Υ 16 | 25≈26 | 15 Ⅱ 48 | 1) (13 | 26°R55 | 26∏39 | 27°R24 | 9°R23 | 8 8 51 | 10815 | 249546 | 15) (46 | T 1 |
| W 2 | 12 44 36 | 12°48'46 | 4∏49 | 4° 3 | 26°22 | 16°27 | 1°26 | 26M52 | 26°40 | 27 × 24 | 9 ≏ 21 | 8°52 | 10°12 | 24°53 | 15°50 | W 2 |
| T 3 | 12 48 33 | 13°48'45 | 17° 9 | 5°52 | 27°19 | 17° 5 | 1°38 | 26°50 | 26°42 | 27°24 | 9°20 | 8°54 | 10° 9 | 25° 0 | 15°54 | T 3 |
| F 4 | 12 52 29 | 14°48'41 | 29°15 | 7°42 | 28°17 | 17°44 | 1°50 | 26°47 | 26°43 | 27°23 | 9°18 | 8°56 | 10° 5 | 25° 6 | 15°58 | F 4 |
| S 5 | 12 56 26 | 15°48'36 | 119512 | 9°32 | 29°14 | 18°23 | 2° 2 | 26°44 | 26°45 | 27°23 | 9°17 | 8°R56 | 10° 2 | 25°13 | 16° 2 | S 5 |
| S 6 | 13 0 23 | 16°48'28 | 23° 5 | 11°25 | 0 ∺ 13 | 19° 1 | 2°14 | 26°41 | 26°46 | 27°23 | 9°15 | 8°56 | 9°59 | 25°20 | 16° 5 | S 6 |
| M 7 | 13 4 19 | 17°48'18 | 4 Ω 58 | 13°18 | 1°11 | 19°40 | 2°26 | 26°38 | 26°48 | 27°23 | 9°13 | 8°55 | 9°56 | 25°27 | 16° 9 | M 7 |
| T 8 | 13 8 16 | 18°48'06 | 16°56 | 15°12 | 2°10 | 20°19 | 2°38 | 26°35 | 26°50 | 27°22 | 9°12 | 8°53 | 9°53 | 25°33 | 16°13 | T 8 |
| W 9 | 13 12 12 | 19°47'52 | 29° 3 | 17° 8 | 3°10 | 20°57 | 2°50 | 26°32 | 26°52 | 27°22 | 9°10 | 8°51 | 9°49 | 25°40 | 16°16 | W 9 |
| T 10 | 13 16 9 | 20°47'36 | 11 m/22 | 19° 4 | 4°10 | 21°36 | 3° 2 | 26°29 | 26°53 | 27°22 | 9° 9 | 8°48 | 9°46 | 25°47 | 16°20 | T 10 |
| F 11 | 13 20 5 | 21°47'18 | 23°56 | 21° 2 | 5°10 | 22°15 | 3°13 | 26°25 | 26°55 | 27°21 | 9° 7 | 8°45 | 9°43 | 25°53 | 16°24 | F 11 |
| S 12 | 13 24 2 | 22°46'57 | 6 ≏ 47 | 23° 0 | 6°11 | 22°53 | 3°25 | 26°22 | 26°57 | 27°21 | 9° 6 | 8°43 | 9°40 | 26° 0 | 16°27 | S 12 |
| S 13 | 13 27 58 | 23°46'35 | 19°54 | 25° 0 | 7°12 | 23°32 | 3°36 | 26°19 | 26°59 | 27°20 | 9° 4 | 8°41 | 9°37 | 26° 7 | 16°31 | S 13 |
| M14 | 13 31 55 | 24°46'10 | 3 ™ 17 | 27° 0 | 8°13 | 24°11 | 3°48 | 26°15 | 27° 1 | 27°20 | 9° 2 | 8°D41 | 9°34 | 26°14 | 16°34 | M14 |
| T 15 | 13 35 51 | 25°45'44 | 16°55 | 29° 1 | 9°15 | 24°49 | 3°59 | 26°11 | 27° 3 | 27°19 | 9° 1 | 8°41 | 9°30 | 26°20 | 16°38 | T 15 |
| W16 | 13 39 48 | 26°45'16 | 0 , 746 | 18 2 | 10°17 | 25°28 | 4°10 | 26° 8 | 27° 5 | 27°19 | 8°59 | 8°41 | 9°27 | 26°27 | 16°41 | W16 |
| T 17 | 13 43 45 | 27°44'47 | 14°46 | 3° 4 | 11°19 | 26° 6 | 4°21 | 26° 4 | 27° 7 | 27°18 | 8°58 | 8°42 | 9°24 | 26°34 | 16°45 | T 17 |
| F 18 | 13 47 41 | 28°44'15 | 28°52 | 5° 6 7° 8 | 12°21 | 26°45 | 4°32 | 26° 0 | 27°10 | 27°17 | 8°56 | 8°43 | 9°21 | 26°40 | 16°48 | F 18 |
| S 19 | 13 51 38 | 29°43'42 | 13ਰ 4 | , 0 | 13°24 | 27°24 | 4°43 | 25°56 | 27°12 | 27°17 | 8°55 | 8°44 | 9°18 | 26°47 | 16°51 | S 19 |
| S 20 | 13 55 34 | 0843'08 | 27°17 | 9° 9 | 14°28 | 28° 2 | 4°54 | 25°53 | 27°14 | 27°16 | 8°54 | 8°R44 | 9°15 | 26°54 | 16°55 | S 20 |
| M21 | 13 59 31 | 1°42'31 | 11≈29 | 11°10 | 15°31 | 28°41 | 5° 5 | 25°49 | 27°16 | 27°15 | 8°52 | 8°44 | 9°11 | 27° 1 | 16°58 | M21 |
| T 22 | 14 3 27 | 2°41'53 | 25°38 | 13°10 | 16°35 | 29°19 | 5°15 | 25°45 | 27°19 | 27°15 | 8°51 | 8°44 | 9° 8 | 27° 7 | 17° 1 | T 22 |
| W23 | 14 7 24 | 3°41'13 | 9) €42 | 15° 8 | 17°39 | 29°58 | 5°26 | 25°41 | 27°21 | 27°14 | 8°49 | 8°43 | 9° 5 | 27°14 | 17° 4 | W23 |
| T 24 | 14 11 21 | 4°40'32 | 23°39 7 Y 25 | 17° 5 | 18°43 | 0936 | 5°36 | 25°36 | 27°23 | 27°13 | 8°48 | 8°43 | 9° 2 | 27°21 | 17° 7 | T 24 |
| F 25 S 26 | 14 15 17 14 19 14 | 5°39'48 6°39'03 | 20°58 | 18°59 20°51 | 19°47 20°52 | 1°15 1°53 | 5°47 5°57 | 25°32 25°28 | 27°26 27°28 | 27°12 27°11 | 8°46 8°45 | 8°42 8°42 | 8°59 8°55 | 27°27 27°34 | 17°10 17°14 | F 25 S 26 |
| | - | | | | | | | | | | | - | | | | |
| S 27 | 14 23 10 | 7°38'16 | 4817 | 22°40 | 21°57 | 2°32 | 6° 7 | 25°24 | 27°31 | 27°10 | 8°44 | 8°D42 | 8°52 | 27°41 | 17°17 | S 27 |
| M28 | 14 27 7 | 8°37'27 | 17°21 | 24°26 | 23° 2 | 3°10 | 6°17 | 25°20 | 27°33 | 27°10 | 8°42 | 8°R42 | 8°49 | 27°48 | 17°20 | M28 |
| T 29 | 14 31 3 | 9°36'36 | 0 <u>H</u> 8 | 26° 8 | 24° 7 | 3°49 | 6°27 | 25°15 | 27°36 | 27° 9 | 8°41 | 8°42 | 8°46 | 27°54 | 17°22 | T 29 |
| W30 | 14 35 0 | 10835'44 | 12 Ⅱ 40 | 27 8 47 | 25 米 12 | 49527 | 6 ∺ 37 | 25 M 11 | 27 Ⅲ 38 | 27 .₹ 8 | 8 ჲ 40 | 8 8 42 | 8 8 43 | 289 1 | 17 米 25 | W30 |

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| T 1 | 14 38 56 | 11 8 34'49 | 24∏58 | 29821 | 26) 18 | 5 9 6 | 6 ∺ 46 | 25°R 6 | 27 Ⅱ 41 | 27°R 7 | 8°R38 | 8°R41 | 8 8 40 | 289 8 | 17) 28 | T 1 |
| F 2 | 14 42 53 | 12°33'51 | 7 9 5 | 0Д50 | 27°24 | 5°44 | 6°56 | 25M 2 | 27°44 | 27 ₹ 6 | 8 ₾ 37 | 8 8 41 | 8°36 | 28°15 | 17°31 | F 2 |
| S 3 | 14 46 50 | 13°32'52 | 19° 3 | 2°15 | 28°30 | 6°23 | 7° 5 | 24°58 | 27°47 | 27° 5 | 8°36 | 8°40 | 8°33 | 28°21 | 17°34 | S 3 |
| S 4 | 14 50 46 | 14°31'51 | 0 Ω 56 | 3°34 | 29°36 | 7° 1 | 7°14 | 24°53 | 27°49 | 27° 3 | 8°35 | 8°40 | 8°30 | 28°28 | 17°37 | S 4 |
| M 5 | 14 54 43 | 15°30'47 | 12°49 | 4°48 | 0 Υ 42 | 7°40 | 7°24 | 24°49 | 27°52 | 27° 2 | 8°33 | 8°D40 | 8°27 | 28°35 | 17°39 | M 5 |
| T 6 | 14 58 39 | 16°29'41 | 24°47 | 5°57 | 1°49 | 8°18 | 7°33 | 24°44 | 27°55 | 27° 1 | 8°32 | 8°40 | 8°24 | 28°41 | 17°42 | T 6 |
| W 7 | 15 2 36 | 17°28'33 | 6 m 53 | 7° 0 | 2°55 | 8°57 | 7°42 | 24°40 | 27°58 | 27° 0 | 8°31 | 8°40 | 8°21 | 28°48 | 17°44 | W 7 |
| T 8 | 15 6 32 | 18°27'22 | 19°13 | 7°58 | 4° 2 | 9°35 | 7°50 | 24°35 | 28° 1 | 26°59 | 8°30 | 8°41 | 8°17 | 28°55 | 17°47 | T 8 |
| F 9 | 15 10 29 | 19°26'10 | 1 ≏ 50 | 8°49 | 5° 9 | 10°14 | 7°59 | 24°30 | 28° 3 | 26°58 | 8°29 | 8°42 | 8°14 | 29° 2 | 17°49 | F 9 |
| S 10 | 15 14 25 | 20°24'55 | 14°47 | 9°35 | 6°16 | 10°52 | 8° 8 | 24°26 | 28° 6 | 26°57 | 8°28 | 8°43 | 8°11 | 29° 8 | 17°52 | S 10 |
| S 11 | 15 18 22 | 21°23'38 | 28° 7 | 10°15 | 7°23 | 11°30 | 8°16 | 24°21 | 28° 9 | 26°55 | 8°26 | 8°44 | 8° 8 | 29°15 | 17°54 | S 11 |
| M12 | 15 22 18 | 22°22'19 | 11 ML 48 | 10°49 | 8°30 | 12° 9 | 8°24 | 24°17 | 28°12 | 26°54 | 8°25 | 8°R44 | 8° 5 | 29°22 | 17°56 | M12 |
| T 13 | 15 26 15 | 23°20'59 | 25°49 | 11°16 | 9°38 | 12°47 | 8°32 | 24°12 | 28°15 | 26°53 | 8°24 | 8°43 | 8° 1 | 29°28 | 17°59 | T 13 |
| W14 | 15 30 12 | 24°19'36 | 10 才 6 | 11°38 | 10°45 | 13°25 | 8°40 | 24° 7 | 28°18 | 26°52 | 8°23 | 8°42 | 7°58 | 29°35 | 18° 1 | W14 |
| T 15 | 15 34 8 | 25°18'12 | 24°35 | 11°54 | 11°53 | 14° 4 | 8°48 | 24° 3 | 28°21 | 26°50 | 8°22 | 8°40 | 7°55 | 29°42 | 18° 3 | T 15 |
| F 16 | 15 38 5 | 26°16'46 | 9 る 10 | 12° 3 | 13° 1 | 14°42 | 8°56 | 23°58 | 28°24 | 26°49 | 8°21 | 8°38 | 7°52 | 29°49 | 18° 5 | F 16 |
| S 17 | 15 42 1 | 27°15'19 | 23°43 | 12°R 7 | 14° 9 | 15°20 | 9° 3 | 23°54 | 28°28 | 26°48 | 8°20 | 8°36 | 7°49 | 29°55 | 18° 7 | S 17 |
| S 18 | 15 45 58 | 28°13'50 | 8≈11 | 12° 6 | 15°17 | 15°59 | 9°11 | 23°49 | 28°31 | 26°46 | 8°19 | 8°34 | 7°46 | 0 Ω 2 | 18° 9 | S 18 |
| M19 | 15 49 54 | 29°12'19 | 22°28 | 11°58 | 16°25 | 16°37 | 9°18 | 23°44 | 28°34 | 26°45 | 8°19 | 8°33 | 7°42 | 0° 9 | 18°11 | M19 |
| T 20 | 15 53 51 | 0 Ⅱ 10'47 | 6) €33 | 11°46 | 17°34 | 17°15 | 9°25 | 23°40 | 28°37 | 26°43 | 8°18 | 8°D33 | 7°39 | 0°16 | 18°13 | T 20 |
| W21 | 15 57 48 | 1° 9'13 | 20°23 | 11°29 | 18°42 | 17°53 | 9°32 | 23°35 | 28°40 | 26°42 | 8°17 | 8°34 | 7°36 | 0°22 | 18°15 | W21 |
| T 22 | 16 1 44 | 2° 7'38 | 3 Υ 59 | 11° 7 | 19°51 | 18°32 | 9°39 | 23°31 | 28°43 | 26°41 | 8°16 | 8°35 | 7°33 | 0°29 | 18°17 | T 22 |
| F 23 | 16 541 | 3° 6'01 | 17°21 | 10°41 | 20°59 | 19°10 | 9°46 | 23°26 | 28°47 | 26°39 | 8°15 | 8°37 | 7°30 | 0°36 | 18°19 | F 23 |
| S 24 | 16 9 37 | 4° 4'23 | 0 8 29 | 10°12 | 22° 8 | 19°48 | 9°52 | 23°22 | 28°50 | 26°38 | 8°15 | 8°38 | 7°27 | 0°42 | 18°20 | S 24 |
| S 25 | 16 13 34 | 5° 2'43 | 13°24 | 9°40 | 23°17 | 20°26 | 9°59 | 23°17 | 28°53 | 26°36 | 8°14 | 8°R38 | 7°23 | 0°49 | 18°22 | S 25 |
| M26 | 16 17 30 | 6° 1'02 | 26° 8 | 9° 5 | 24°26 | 21° 5 | 10° 5 | 23°13 | 28°57 | 26°35 | 8°13 | 8°37 | 7°20 | 0°56 | 18°24 | M26 |
| T 27 | 16 21 27 | 6°59'19 | 8耳39 | 8°29 | 25°34 | 21°43 | 10°11 | 23° 8 | 29° 0 | 26°33 | 8°12 | 8°34 | 7°17 | 1° 3 | 18°25 | T 27 |
| W28 | 16 25 23 | 7°57'34 | 21° 0 | 7°52 | 26°44 | 22°21 | 10°17 | 23° 4 | 29° 3 | 26°32 | 8°12 | 8°30 | 7°14 | 1° 9 | 18°27 | W28 |
| T 29 | 16 29 20 | 8°55'48 | 39510 | 7°15 | 27°53 | 22°59 | 10°23 | 23° 0 | 29° 6 | 26°30 | 8°11 | 8°25 | 7°11 | 1°16 | 18°28 | T 29 |
| F 30 | 16 33 17 | 9°54'00 | 15°13 | 6°38 | 29° 2 | 23°38 | 10°28 | 22°55 | 29°10 | 26°29 | 8°11 | 8°20 | 7° 7 | 1°23 | 18°29 | F 30 |
| S 31 | 16 37 13 | 10 Ⅱ 52'10 | 2799 9 | 6耳 1 | 0 8 11 | 249516 | 10 ∺ 34 | 22 M 51 | 29∏13 | 26 ₹ 27 | 8 亞 10 | 8 8 14 | 7 8 4 | 1 Ω 29 | 18 米 31 | S 31 |

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| S 1 | 16 41 10 | 11 Ⅱ 50′19 | 9 Ω 1 | 5°R27 | 1821 | 24954 | 10) (39 | 22°R47 | 29 Ⅱ 17 | 26°R26 | 8°R 9 | 8°R10 | 7 岁 1 | 1 Ω 36 | 18) (32 | S 1 |
| M 2 | 16 45 6 | 12°48'25 | 20°53 | 4 Ⅱ 54 | 2°30 | 25°32 | 10°44 | 22 M 43 | 29°20 | 26 × 124 | 8 ₾ 9 | 8 8 6 | 6°58 | 1°43 | 18°33 | M 2 |
| T 3 | 16 49 3 | 13°46'30 | 2 m 49 | 4°24 | 3°39 | 26°10 | 10°49 | 22°38 | 29°23 | 26°22 | 8° 9 | 8° 4 | 6°55 | 1°50 | 18°34 | T 3 |
| W 4 | 16 52 59 | 14°44'32 | 14°54 | 3°58 | 4°49 | 26°48 | 10°54 | 22°34 | 29°27 | 26°21 | 8° 8 | 8°D 3 | 6°52 | 1°56 | 18°35 | W 4 |
| T 5 | 16 56 56 | 15°42'33 | 27°11 | 3°34 | 5°59 | 27°26 | 10°59 | 22°30 | 29°30 | 26°19 | 8° 8 | 8° 4 | 6°48 | 2° 3 | 18°36 | T 5 |
| F 6 | 17 0 52 | 16°40'32 | 9 ≏ 46 | 3°15 | 7°8 | 28° 5 | 11° 3 | 22°26 | 29°34 | 26°18 | 8° 7 | 8° 5 | 6°45 | 2°10 | 18°37 | F 6 |
| S 7 | 17 4 49 | 17°38'30 | 22°42 | 3° 0 | 8°18 | 28°43 | 11° 7 | 22°22 | 29°37 | 26°16 | 8° 7 | 8° 7 | 6°42 | 2°17 | 18°38 | S 7 |
| S 8 | 17 8 46 | 18°36'26 | 6M 4 | 2°48 | 9°28 | 29°21 | 11°11 | 22°18 | 29°41 | 26°15 | 8° 7 | 8°R 7 | 6°39 | 2°23 | 18°39 | S 8 |
| M 9 | 17 12 42 | 19°34'20 | 19°53 | 2°42 | 10°38 | 29°59 | 11°15 | 22°15 | 29°44 | 26°13 | 8° 6 | 8° 7 | 6°36 | 2°30 | 18°40 | M 9 |
| T 10 | 17 16 39 | 20°32'12 | 4 才 7 | 2°D40 | 11°48 | $0\Omega 37$ | 11°19 | 22°11 | 29°48 | 26°11 | 8° 6 | 8° 4 | 6°33 | 2°37 | 18°40 | T 10 |
| W11 | 17 20 35 | 21°30'04 | 18°44 | 2°42 | 12°58 | 1°15 | 11°22 | 22° 7 | 29°51 | 26°10 | 8° 6 | 8° 0 | 6°29 | 2°43 | 18°41 | W11 |
| T 12 | 17 24 32 | 22°27'53 | 3 ට 37 | 2°49 | 14° 8 | 1°53 | 11°26 | 22° 4 | 29°55 | 26° 8 | 8° 6 | 7°54 | 6°26 | 2°50 | 18°42 | T 12 |
| F 13 | 17 28 28 | 23°25'42 | 18°37 | 3° 0 | 15°18 | 2°31 | 11°29 | 22° 0 | 29°58 | 26° 6 | 8° 6 | 7°48 | 6°23 | 2°57 | 18°42 | F 13 |
| S 14 | 17 32 25 | 24°23'29 | 3≈36 | 3°16 | 16°28 | 3° 9 | 11°32 | 21°56 | 0ණ 2 | 26° 5 | 8° 5 | 7°41 | 6°20 | 3° 4 | 18°43 | S 14 |
| S 15 | 17 36 22 | 25°21'15 | 18°24 | 3°37 | 17°38 | 3°47 | 11°35 | 21°53 | 0° 5 | 26° 3 | 8° 5 | 7°35 | 6°17 | 3°10 | 18°43 | S 15 |
| M16 | 17 40 18 | 26°19'00 | 2 米 56 | 4° 1 | 18°49 | 4°25 | 11°37 | 21°50 | 0° 9 | 26° 2 | 8° 5 | 7°31 | 6°13 | 3°17 | 18°43 | M16 |
| T 17 | 17 44 15 | 27°16'44 | 17° 6 | 4°30 | 19°59 | 5° 3 | 11°40 | 21°46 | 0°12 | 26° 0 | 8° 5 | 7°29 | 6°10 | 3°24 | 18°44 | T 17 |
| W18 | 17 48 11 | 28°14'27 | 0 Υ 55 | 5° 3 | 21°10 | 5°41 | 11°42 | 21°43 | 0°16 | 25°58 | 8°D 5 | 7°D28 | 6° 7 | 3°30 | 18°44 | W18 |
| T 19 | 17 52 8 | 29°12'10 | 14°22 | 5°41 | 22°20 | 6°19 | 11°44 | 21°40 | 0°19 | 25°57 | 8° 5 | 7°29 | 6° 4 | 3°37 | 18°44 | T 19 |
| F 20 | 17 56 4 | 09 9'51 | 27°30 | 6°22 | 23°30 | 6°57 | 11°46 | 21°37 | 0°23 | 25°55 | 8° 5 | 7°30 | 6° 1 | 3°44 | 18°44 | F 20 |
| S 21 | 18 0 1 | 1° 7'31 | 10821 | 7° 6 | 24°41 | 7°35 | 11°48 | 21°34 | 0°26 | 25°53 | 8° 5 | 7°R31 | 5°58 | 3°51 | 18°R44 | S 21 |
| S 22 | 18 3 57 | 2° 5'11 | 22°58 | 7°55 | 25°52 | 8°13 | 11°49 | 21°31 | 0°30 | 25°52 | 8° 5 | 7°29 | 5°54 | 3°57 | 18°44 | S 22 |
| M23 | 18 7 54 | 3° 2'49 | 5 Ⅱ 23 | 8°47 | 27° 2 | 8°51 | 11°51 | 21°28 | 0°33 | 25°50 | 8° 6 | 7°26 | 5°51 | 4° 4 | 18°44 | M23 |
| T 24 | 18 11 51 | 4° 0'27 | 17°40 | 9°42 | 28°13 | 9°29 | 11°52 | 21°25 | 0°37 | 25°49 | 8° 6 | 7°20 | 5°48 | 4°11 | 18°44 | T 24 |
| W25 | 18 15 47 | 4°58'04 | 29°48 | 10°41 | 29°24 | 10° 7 | 11°53 | 21°22 | 0°40 | 25°47 | 8° 6 | 7°12 | 5°45 | 4°18 | 18°44 | W25 |
| T 26 | 18 19 44 | 5°55'39 | 11950 | 11°44 | 0 Ⅲ 35 | 10°45 | 11°54 | 21°20 | 0°44 | 25°45 | 8° 6 | 7° 1 | 5°42 | 4°24 | 18°43 | T 26 |
| F 27 | 18 23 40 | 6°53'14 | 23°47 | 12°49 | 1°45 | 11°23 | 11°54 | 21°17 | 0°47 | 25°44 | 8° 7 | 6°50 | 5°39 | 4°31 | 18°43 | F 27 |
| S 28 | 18 27 37 | 7°50'48 | 5 Ω 40 | 13°58 | 2°56 | 12° 1 | 11°54 | 21°15 | 0°51 | 25°42 | 8° 7 | 6°39 | 5°35 | 4°38 | 18°43 | S 28 |
| S 29 | 18 31 33 | 8°48'20 | 17°32 | 15°10 | 4° 7 | 12°39 | 11°R55 | 21°12 | 0°54 | 25°41 | 8° 7 | 6°28 | 5°32 | 4°44 | 18°42 | S 29 |
| M30 | 18 35 30 | 99545'51 | $29\Omega 24$ | 16 Ⅱ 25 | 5 Ⅱ 18 | 13 Ω 17 | 11) (55 | 21 M .10 | 0958 | 25 × 39 | 8 亚 8 | 6 8 20 | 5 8 29 | 4 Ω 51 | 18) (42 | M30 |

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| T 1 | 18 39 26 | 109543'22 | 11 m)19 | 17 Ⅱ 43 | 6 Ⅱ 29 | 13 Ω 54 | 11°R54 | 21°R 8 | 199 1 | 25°R38 | 8 亚 8 | 6°R14 | 5 8 26 | 4 Ω 58 | 18°R41 | T 1 |
| W 2 | 18 43 23 | 11°40'51 | 23°22 | 19° 4 | 7°40 | 14°32 | 11 米 54 | 21 m 6 | 1° 5 | 25 ₹ 36 | 8° 8 | 6 8 10 | 5°23 | 5° 5 | 18 米 41 | W 2 |
| T 3 | 18 47 20 | 12°38'19 | 5 ₽ 36 | 20°28 | 8°51 | 15°10 | 11°53 | 21° 4 | 1° 8 | 25°34 | 8° 9 | 6° 8 | 5°19 | 5°11 | 18°40 | T 3 |
| F 4 | 18 51 16 | 13°35'46 | 18° 7 | 21°54 | 10° 3 | 15°48 | 11°53 | 21° 2 | 1°12 | 25°33 | 8° 9 | 6°D 8 | 5°16 | 5°18 | 18°39 | F 4 |
| S 5 | 18 55 13 | 14°33'12 | 1 M 0 | 23°24 | 11°14 | 16°26 | 11°52 | 21° 0 | 1°15 | 25°31 | 8°10 | 6°R 8 | 5°13 | 5°25 | 18°38 | S 5 |
| S 6 | 18 59 9 | 15°30'37 | 14°17 | 24°57 | 12°25 | 17° 4 | 11°50 | 20°58 | 1°18 | 25°30 | 8°10 | 6° 8 | 5°10 | 5°32 | 18°38 | S 6 |
| M 7 | 19 3 6 | 16°28'01 | 28° 3 | 26°32 | 13°36 | 17°42 | 11°49 | 20°57 | 1°22 | 25°28 | 8°11 | 6° 6 | 5° 7 | 5°38 | 18°37 | M 7 |
| T 8 W 9 | 19 7 2 | 17°25'24 | 12 🗷 19 | 28°11 | 14°47 15°59 | 18°20 | 11°48 | 20°55 | 1°25 1°29 | 25°27 25°25 | 8°12 | 6° 2 | 5° 4 5° 0 | 5°45 5°52 | 18°36 18°35 | T 8 W 9 |
| T 10 | 19 10 59 19 14 55 | 18°22'46 19°20'08 | 27° 1 12 ප 5 | 29°52 1 9 36 | 15°39 17°10 | 18°58 19°35 | 11°46 11°44 | 20°54 20°52 | 1°32 | 25°24 | 8°12 8°13 | 5°56 5°47 | 4°57 | 5°58 | 18°34 | W 9 |
| F 11 | 19 14 55 | 20°17'28 | 27°20 | 3°23 | 18°21 | 20°13 | 11°42 | 20°51 | 1°35 | 25°23 | 8°14 | 5°37 | 4°54 | 6° 5 | 18°32 | F 11 |
| S 12 | 19 22 49 | 21°14'49 | 12≈37 | 5°12 | 19°33 | 20°51 | 11°39 | 20°50 | 1°39 | 25°21 | 8°14 | 5°27 | 4°51 | 6°12 | 18°31 | S 12 |
| S 13 | 19 26 45 | 22°12'09 | 27°43 | 7° 4 | 20°44 | 21°29 | 11°37 | 20°49 | 1°42 | 25°20 | 8°15 | 5°18 | 4°48 | 6°19 | 18°30 | S 13 |
| M14 | 19 30 42 | 23° 9'28 | 12 \(\frac{43}{30}\) | 8°59 | 21°56 | 21° 29° 7 | 11°34 | 20°48 | 1°46 | 25°18 | 8°16 | 5°11 | 4°45 | 6°25 | 18°29 | M14 |
| T 15 | 19 34 38 | 24° 6'47 | 26°53 | 10°56 | 23° 7 | 22°45 | 11°31 | 20°47 | 1°49 | 25°17 | 8°17 | 5° 6 | 4°41 | 6°32 | 18°27 | T 15 |
| W16 | 19 38 35 | 25° 4'06 | 10 Y 48 | 12°56 | 24°19 | 23°22 | 11°28 | 20°46 | 1°52 | 25°16 | 8°18 | 5° 4 | 4°38 | 6°39 | 18°26 | W16 |
| T 17 | 19 42 31 | 26° 1'25 | 24°16 | 14°57 | 25°31 | 24° 0 | 11°25 | 20°46 | 1°55 | 25°14 | 8°19 | 5°D 4 | 4°35 | 6°45 | 18°25 | T 17 |
| F 18 | 19 46 28 | 26°58'44 | 7 8 20 | 17° 1 | 26°42 | 24°38 | 11°22 | 20°45 | 1°59 | 25°13 | 8°19 | 5°R 4 | 4°32 | 6°52 | 18°23 | F 18 |
| S 19 | 19 50 25 | 27°56'03 | 20° 4 | 19° 7 | 27°54 | 25°16 | 11°18 | 20°45 | 2° 2 | 25°12 | 8°20 | 5° 3 | 4°29 | 6°59 | 18°22 | S 19 |
| S 20 | 19 54 21 | 28°53'21 | 2Ⅲ31 | 21°14 | 29° 6 | 25°54 | 11°14 | 20°44 | 2° 5 | 25°10 | 8°21 | 5° 1 | 4°25 | 7° 6 | 18°20 | S 20 |
| M21 | 19 58 18 | 29°50'40 | 14°46 | 23°22 | 0ණ18 | 26°31 | 11°11 | 20°44 | 2° 8 | 25° 9 | 8°22 | 4°56 | 4°22 | 7°12 | 18°18 | M21 |
| T 22 | 20 2 14 | 0 Ω 47'59 | 26°52 | 25°32 | 1°29 | 27° 9 | 11° 6 | 20°44 | 2°12 | 25° 8 | 8°23 | 4°48 | 4°19 | 7°19 | 18°17 | T 22 |
| W23 | 20 6 11 | 1°45'17 | 8952 | 27°42 | 2°41 | 27°47 | 11° 2 | 20°D44 | 2°15 | 25° 7 | 8°24 | 4°38 | 4°16 | 7°26 | 18°15 | W23 |
| T 24 F 25 | 20 10 7 20 14 4 | 2°42'36 3°39'54 | 20°47 2 Ω 40 | 29°53 2 Ω 4 | 3°53 5° 5 | 28°25 29° 3 | 10°58 10°53 | 20°44 20°44 | 2°18 2°21 | 25° 5 25° 4 | 8°26 8°27 | 4°25 4°12 | 4°13 4°10 | 7°33 7°39 | 18°13 18°11 | T 24 F 25 |
| S 26 | 20 14 4 20 18 0 | 4°37'12 | 14°32 | 4°15 | 6°17 | 29° 3 | 10°53 | 20°44 20°44 | 2°24 | 25° 4 | 8°27 8°28 | 3°58 | 4° 10 | 7°46 | 18° 11 | S 26 |
| | | | | | | - | | | | | | | - | | | |
| S 27 | 20 21 57 | 5°34'30 | 26°24 | 6°25 | 7°29 | 0 m 18 | 10°43 | 20°44 | 2°27 | 25° 2 | 8°29 | 3°45 | 4° 3 | 7°53 | 18° 7 | S 27 |
| M28 T 29 | 20 25 54 20 29 50 | 6°31'47 7°29'05 | 8 Mp 18 20°17 | 8°35 10°44 | 8°41 9°53 | 0°56 1°34 | 10°38 10°33 | 20°45 20°45 | 2°30 2°33 | 25° 1 25° 0 | 8°30 8°31 | 3°34 3°25 | 4° 0 3°57 | 7°59 8° 6 | 18° 5 18° 3 | M28 T 29 |
| W30 | 20 29 30 20 33 47 | 8°26'22 | 20°17 2 <u>0</u> 22 | 10°44 12°52 | 11° 5 | 2°12 | 10°33 | 20°45 20°46 | 2°36 | 24°59 | 8°33 | 3°23 | 3°54 | 8°13 | 18° 3 | W30 |
| T 31 | 20 33 47 | $9\Omega_{23'39}$ | 2 = 22 14 Ω 38 | $14\Omega_{59}$ | 129617 | 2 m 50 | 10 28 10\frac{1}{2}2 | 20 40 20 ML 47 | 2939 | 24 39 24 × 757 | 8 <u>0</u> 34 | 3 2 0 | 3 8 51 | $8\Omega_{20}$ | 17 ¥ 59 | T 31 |

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|-------------|----------------------|----------------------|-------------------------|-----------------------|----------------|----------------|----------------|-----------------|---------------|-----------------|---------------|---------------|---------------|----------------|----------------|-------------|
| F 1 | 20 41 40 | 10\O20'56 | 27 ♀ 9 | 17 Ω 4 | 13930 | 3 Mp 28 | 10°R17 | 20 M .47 | 2 9 42 | 24°R56 | 8 ≏ 35 | 3°R16 | 3 8 47 | 8 Ω 26 | 17°R57 | F 1 |
| S 2 | 20 45 36 | 11°18'13 | 9 M .58 | 19° 8 | 14°42 | 4° 5 | 10 米 11 | 20°48 | 2°45 | 24 × 755 | 8°37 | 3 8 16 | 3°44 | 8°33 | 17 米 55 | S 2 |
| S 3 | 20 49 33 | 12°15'29 | 23°10 | 21°11 | 15°54 | 4°43 | 10° 5 | 20°49 | 2°48 | 24°54 | 8°38 | 3°15 | 3°41 | 8°40 | 17°53 | S 3 |
| M 4 T 5 | 20 53 29 20 57 26 | 13°12'46 14°10'02 | 6 ∡ 749 20°57 | 23°11 25°10 | 17° 6 18°19 | 5°21 5°59 | 9°59 9°53 | 20°51 20°52 | 2°51 2°54 | 24°54 24°53 | 8°39 8°41 | 3°14 3°10 | 3°38 3°35 | 8°47 8°53 | 17°50 17°48 | M 4 T 5 |
| W 6 | 20 5 / 26 21 1 23 | 14°10'02 15° 7'18 | 5 云 32 | 25°10 27° 7 | 18°19 19°31 | 6°37 | 9°33 | 20°52 20°53 | 2°57 | 24°53 | 8°42 | 3° 4 | 3°33 | 9° 0 | 17°48 17°46 | W 6 |
| T 7 | 21 5 19 | 16° 4'35 | 20°31 | 29° 3 | 20°43 | 7°14 | 9°40 | 20°54 | 3° 0 | 24°51 | 8°44 | 2°55 | 3°28 | 9° 7 | 17°43 | T 7 |
| F 8 | 21 9 16 | 17° 1'51 | 5≈46 | 0 m 56 | 21°56 | 7°52 | 9°33 | 20°56 | 3° 2 | 24°50 | 8°45 | 2°45 | 3°25 | 9°13 | 17°41 | F 8 |
| S 9 | 21 13 12 | 17°59'08 | 21° 5 | 2°48 | 23° 8 | 8°30 | 9°27 | 20°58 | 3° 5 | 24°49 | 8°47 | 2°35 | 3°22 | 9°20 | 17°38 | S 9 |
| S 10 | 21 17 9 | 18°56'25 | 6 ∺ 18 | 4°38 | 24°21 | 9° 8 | 9°20 | 20°59 | 3° 8 | 24°48 | 8°48 | 2°26 | 3°19 | 9°27 | 17°36 | S 10 |
| M11 | 21 21 5 | 19°53'42 | 21°15 5 Ƴ 47 | 6°26 | 25°33 | 9°46 | 9°13 9° 6 | 21° 1 21° 3 | 3°10 3°13 | 24°48 24°47 | 8°50 | 2°19 2°14 | 3°16 | 9°34 | 17°33 17°31 | M11 T 12 |
| T 12 W13 | 21 25 2 21 28 58 | 20°51'00 21°48'18 | 19°51 | 8°12 9°57 | 26°46 27°58 | 10°23 11° 1 | 8°59 | 21° 3 | 3°13 | 24°47 24°46 | 8°51 8°53 | 2°14 2°11 | 3°12 3° 9 | 9°40 9°47 | 17°31 17°28 | W13 |
| T 14 | 21 32 55 | 22°45'37 | 3 8 25 | 11°39 | 29°11 | 11°39 | 8°52 | 21° 7 | 3°18 | 24°45 | 8°54 | 2°D11 | 3° 6 | 9°54 | 17°26 | T 14 |
| F 15 | 21 36 52 | 23°42'57 | 16°33 | 13°20 | 0 Ω 24 | 12°17 | 8°45 | 21° 9 | 3°21 | 24°45 | 8°56 | 2°11 | 3° 3 | 10° 0 | 17°23 | F 15 |
| S 16 | 21 40 48 | 24°40'18 | 29°18 | 14°59 | 1°37 | 12°55 | 8°37 | 21°11 | 3°23 | 24°44 | 8°58 | 2°R11 | 3° 0 | 10° 7 | 17°20 | S 16 |
| S 17 | 21 44 45 | 25°37'40 | 11 II 43 | 16°36 | 2°49 | 13°33 | 8°30 | 21°14 | 3°26 | 24°44 | 8°59 | 2°10 | 2°57 | 10°14 | 17°18 | S 17 |
| M18 T 19 | 21 48 41 21 52 38 | 26°35'02 27°32'26 | 23°54 5 © 56 | 18°11 19°45 | 4° 2 5°15 | 14°10 14°48 | 8°22 8°15 | 21°16 21°19 | 3°28 3°31 | 24°43 24°42 | 9° 1 9° 3 | 2° 7 2° 1 | 2°53 2°50 | 10°21 10°27 | 17°15 17°12 | M18 T 19 |
| W20 | 21 52 38 | 28°29'50 | 17°51 | 21°16 | 6°28 | 14°48 15°26 | 8° 7 | 21°19 21°22 | 3°33 | 24°42 24°42 | 9° 3 | 1°53 | 2°47 | 10°27 10°34 | 17°12 | W20 |
| T 21 | 22 0 31 | 29°27'15 | 29°43 | 22°46 | 7°41 | 16° 4 | 8° 0 | 21°24 | 3°35 | 24°41 | 9° 6 | 1°43 | 2°44 | 10°41 | 17° 6 | T 21 |
| F 22 | 22 4 27 | 0 Mp 24'40 | 11 Ω 34 | 24°14 | 8°54 | 16°42 | 7°52 | 21°27 | 3°37 | 24°41 | 9°8 | 1°31 | 2°41 | 10°48 | 17° 4 | F 22 |
| S 23 | 22 8 24 | 1°22'07 | 23°27 | 25°40 | 10° 7 | 17°20 | 7°44 | 21°30 | 3°40 | 24°41 | 9°10 | 1°20 | 2°37 | 10°54 | 17° 1 | S 23 |
| S 24 | 22 12 21 | 2°19'34 | 5 m 23 | 27° 5 | 11°20 | 17°58 | 7°37 | 21°33 | 3°42 | 24°40 | 9°11 | 1° 9 | 2°34 | 11° 1 | 16°58 | S 24 |
| M25 | 22 16 17 | 3°17'02 | 17°24 | 28°27 | 12°33 | 18°36 | 7°29 | 21°36 | 3°44 | 24°40 | 9°13 | 1° 0 | 2°31 | 11° 8 | 16°55 | M25 |
| T 26 W27 | 22 20 14 22 24 10 | 4°14'31 5°12'00 | 29°30 11 Ω 45 | 29°47 1 ♀ 6 | 13°46 14°59 | 19°14 19°51 | 7°21 7°13 | 21°39 21°43 | 3°46 3°48 | 24°39 24°39 | 9°15 9°17 | 0°54 0°49 | 2°28 2°25 | 11°14 11°21 | 16°52 16°49 | T 26 W27 |
| T 28 | 22 28 7 | 6° 9'30 | 24° 9 | 2°22 | 16°12 | 20°29 | 7° 5 | 21°46 | 3°50 | 24°39 | 9°19 | 0°47 | 2°22 | 11°28 | 16°46 | T 28 |
| F 29 | 22 32 3 | 7° 7'01 | 6 M .46 | 3°37 | 17°26 | 21° 7 | 6°58 | 21°49 | 3°52 | 24°39 | 9°21 | 0°D47 | 2°18 | 11°35 | 16°43 | F 29 |
| S 30 | 22 36 0 | 8° 4'32 | 19°39 | 4°49 | 18°39 | 21°45 | 6°50 | 21°53 | 3°54 | 24°38 | 9°23 | 0°48 | 2°15 | 11°41 | 16°40 | S 30 |
| S 31 | 22 39 56 | 9 m) 2'04 | 2 ₹ 52 | 5 ≙ 59 | 19 Ω 52 | 22 m 23 | 6) €42 | 21 M .56 | 3956 | 24 × 38 | 9 ≙ 25 | 0°R49 | 2812 | 11 Ω 48 | 16 ∺ 38 | S 31 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)វ(| 并 | В | n | v | Ç | ę, | Day |
|------|----------|------------------|------------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|----------------|----------------|------|
| M 1 | 22 43 53 | 9 m 59'37 | 16 ₹ 26 | 7 º 6 | 21 Ω 5 | 23 Mp 1 | 6°R34 | 22 M 0 | 3 9 58 | 24°R38 | 9 ჲ 26 | 0°R49 | 2 8 9 | 11 Ω 55 | 16°R35 | M 1 |
| T 2 | 22 47 50 | 10°57'11 | 0る24 | 8°11 | 22°19 | 23°39 | 6 ∺ 26 | 22° 4 | 4° 0 | 24 × 38 | 9°28 | 0 8 47 | 2° 6 | 12° 1 | 16 ∺ 32 | T 2 |
| W 3 | 22 51 46 | 11°54'45 | 14°46 | 9°14 | 23°32 | 24°17 | 6°19 | 22° 8 | 4° 2 | 24°38 | 9°30 | 0°44 | 2° 2 | 12° 8 | 16°29 | W 3 |
| T 4 | 22 55 43 | 12°52'20 | 29°30 | 10°14 | 24°45 | 24°55 | 6°11 | 22°12 | 4° 3 | 24°38 | 9°32 | 0°39 | 1°59 | 12°15 | 16°26 | T 4 |
| F 5 | 22 59 39 | 13°49'56 | 14≈29 | 11°11 | 25°59 | 25°33 | 6° 3 | 22°16 | 4° 5 | 24°D38 | 9°34 | 0°32 | 1°56 | 12°22 | 16°23 | F 5 |
| S 6 | 23 3 36 | 14°47'33 | 29°35 | 12° 6 | 27°12 | 26°11 | 5°55 | 22°20 | 4° 7 | 24°38 | 9°36 | 0°25 | 1°53 | 12°28 | 16°20 | S 6 |
| S 7 | 23 7 32 | 15°45'11 | 14) (39 | 12°57 | 28°26 | 26°49 | 5°48 | 22°24 | 4° 8 | 24°38 | 9°38 | 0°19 | 1°50 | 12°35 | 16°17 | S 7 |
| M 8 | 23 11 29 | 16°42'50 | 29°31 | 13°46 | 29°39 | 27°27 | 5°40 | 22°28 | 4°10 | 24°38 | 9°40 | 0°14 | 1°47 | 12°42 | 16°14 | M 8 |
| T 9 | 23 15 25 | 17°40'30 | 14 Y 3 | 14°30 | 0 m 53 | 28° 5 | 5°33 | 22°33 | 4°12 | 24°38 | 9°42 | 0°11 | 1°43 | 12°49 | 16°11 | T 9 |
| W10 | 23 19 22 | 18°38'11 | 28°10 | 15°12 | 2° 7 | 28°43 | 5°25 | 22°37 | 4°13 | 24°38 | 9°44 | 0°D10 | 1°40 | 12°55 | 16° 8 | W10 |
| T 11 | 23 23 19 | 19°35'54 | 11850 | 15°49 | 3°20 | 29°21 | 5°18 | 22°41 | 4°14 | 24°39 | 9°46 | 0°11 | 1°37 | 13° 2 | 16° 5 | T 11 |
| F 12 | 23 27 15 | 20°33'39 | 25° 3 | 16°23 | 4°34 | 29°59 | 5°11 | 22°46 | 4°16 | 24°39 | 9°49 | 0°12 | 1°34 | 13° 9 | 16° 2 | F 12 |
| S 13 | 23 31 12 | 21°31'25 | 7 Ⅱ 52 | 16°53 | 5°48 | 0 ≏ 37 | 5° 3 | 22°51 | 4°17 | 24°39 | 9°51 | 0°13 | 1°31 | 13°15 | 15°59 | S 13 |
| S 14 | 23 35 8 | 22°29'13 | 20°21 | 17°18 | 7° 1 | 1°15 | 4°56 | 22°55 | 4°18 | 24°39 | 9°53 | 0°R14 | 1°28 | 13°22 | 15°56 | S 14 |
| M15 | 23 39 5 | 23°27'02 | 2 9 33 | 17°38 | 8°15 | 1°53 | 4°49 | 23° 0 | 4°20 | 24°40 | 9°55 | 0°14 | 1°24 | 13°29 | 15°53 | M15 |
| T 16 | 23 43 1 | 24°24'53 | 14°35 | 17°54 | 9°29 | 2°31 | 4°42 | 23° 5 | 4°21 | 24°40 | 9°57 | 0°12 | 1°21 | 13°36 | 15°50 | T 16 |
| W17 | 23 46 58 | 25°22'45 | 26°29 | 18° 4 | 10°43 | 3° 9 | 4°35 | 23°10 | 4°22 | 24°40 | 9°59 | 0° 8 | 1°18 | 13°42 | 15°47 | W17 |
| T 18 | 23 50 54 | 26°20'39 | 8 Ω 21 | 18°R 9 | 11°57 | 3°47 | 4°29 | 23°15 | 4°23 | 24°41 | 10° 1 | 0° 3 | 1°15 | 13°49 | 15°44 | T 18 |
| F 19 | 23 54 51 | 27°18'35 | 20°13 | 18° 8 | 13°11 | 4°26 | 4°22 | 23°20 | 4°24 | 24°41 | 10° 3 | 29 Υ 58 | 1°12 | 13°56 | 15°41 | F 19 |
| S 20 | 23 58 48 | 28°16'32 | 2 Mp 10 | 18° 1 | 14°25 | 5° 4 | 4°15 | 23°25 | 4°25 | 24°42 | 10° 5 | 29°52 | 1° 8 | 14° 2 | 15°38 | S 20 |
| S 21 | 0 2 44 | 29°14'31 | 14°12 | 17°49 | 15°39 | 5°42 | 4° 9 | 23°30 | 4°26 | 24°42 | 10° 7 | 29°47 | 1° 5 | 14° 9 | 15°35 | S 21 |
| M22 | 0 641 | 0 ₽ 12'31 | 26°21 | 17°30 | 16°53 | 6°20 | 4° 3 | 23°35 | 4°27 | 24°43 | 10°10 | 29°42 | 1° 2 | 14°16 | 15°33 | M22 |
| T 23 | 0 10 37 | 1°10'33 | 8 ≏ 40 | 17° 5 | 18° 7 | 6°58 | 3°56 | 23°41 | 4°28 | 24°43 | 10°12 | 29°39 | 0°59 | 14°23 | 15°30 | T 23 |
| W24 | 0 14 34 | 2° 8'36 | 21° 9 | 16°34 | 19°21 | 7°36 | 3°50 | 23°46 | 4°29 | 24°44 | 10°14 | 29°38 | 0°56 | 14°29 | 15°27 | W24 |
| T 25 | 0 18 30 | 3° 6'41 | 3 M .50 | 15°58 | 20°35 | 8°15 | 3°44 | 23°51 | 4°30 | 24°45 | 10°16 | 29°D38 | 0°53 | 14°36 | 15°24 | T 25 |
| F 26 | 0 22 27 | 4° 4'47 | 16°43 | 15°15 | 21°49 | 8°53 | 3°39 | 23°57 | 4°30 | 24°45 | 10°18 | 29°38 | 0°49 | 14°43 | 15°21 | F 26 |
| S 27 | 0 26 23 | 5° 2'54 | 29°49 | 14°28 | 23° 3 | 9°31 | 3°33 | 24° 2 | 4°31 | 24°46 | 10°20 | 29°40 | 0°46 | 14°49 | 15°19 | S 27 |
| S 28 | 0 30 20 | 6° 1'03 | 13 × 11 | 13°36 | 24°17 | 10° 9 | 3°28 | 24° 8 | 4°31 | 24°47 | 10°23 | 29°41 | 0°43 | 14°56 | 15°16 | S 28 |
| M29 | 0 34 16 | 6°59'14 | 26°49 | 12°41 | 25°32 | 10°48 | 3°22 | 24°14 | 4°32 | 24°47 | 10°25 | 29°42 | 0°40 | 15° 3 | 15°13 | M29 |
| T 30 | 0 38 13 | 7 ≏ 57'26 | 10 る 43 | 11 ≏ 42 | 26 M 46 | 11 ≏ 26 | 3 ∺ 17 | 24M20 | 4933 | 24 ∡ 48 | 10 ≏ 27 | 29°R43 | 0 8 37 | 15 Ω 10 | 15 ∺ 10 | T 30 |

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|------|---------|-------------------|----------------|----------------|---------------|---------------|--------------|-----------------|-------|-----------------|----------------|----------------|----------------|----------------|---------------|------|
| W 1 | 0 42 10 | 8 ≏ 55'39 | 24 궁 55 | 10°R43 | 28M) 0 | 12 ♀ 4 | 3°R12 | 24M25 | 4933 | 24 × 749 | 10 ≏ 29 | 29°R42 | 0 8 34 | 15 Ω 16 | 15°R 8 | W 1 |
| T 2 | 0 46 6 | 9°53'53 | 9≈20 | 9 ≏ 43 | 29°14 | 12°42 | 3 ∺ 7 | 24°31 | 4°33 | 24°50 | 10°31 | 29 Y 40 | 0°30 | 15°23 | 15 米 5 | T 2 |
| F 3 | 0 50 3 | 10°52'09 | 23°56 | 8°44 | 0 ≏ 29 | 13°21 | 3° 2 | 24°37 | 4°34 | 24°51 | 10°33 | 29°38 | 0°27 | 15°30 | 15° 3 | F 3 |
| S 4 | 0 53 59 | 11°50'26 | 8) 38 | 7°48 | 1°43 | 13°59 | 2°58 | 24°43 | 4°34 | 24°52 | 10°36 | 29°36 | 0°24 | 15°36 | 15° 0 | S 4 |
| S 5 | 0 57 56 | 12°48'45 | 23°19 | 6°56 | 2°57 | 14°37 | 2°54 | 24°49 | 4°34 | 24°53 | 10°38 | 29°34 | 0°21 | 15°43 | 14°57 | S 5 |
| M 6 | 1 1 52 | 13°47'05 | 7 Ƴ 52 | 6° 9 | 4°12 | 15°16 | 2°49 | 24°55 | 4°34 | 24°54 | 10°40 | 29°32 | 0°18 | 15°50 | 14°55 | M 6 |
| T 7 | 1 5 49 | 14°45'27 | 22°11 | 5°28 | 5°26 | 15°54 | 2°45 | 25° 1 | 4°35 | 24°55 | 10°42 | 29°31 | 0°14 | 15°57 | 14°52 | T 7 |
| W 8 | 1 9 45 | 15°43'51 | 6811 | 4°54 | 6°40 | 16°33 | 2°41 | 25° 7 | 4°35 | 24°56 | 10°44 | 29°D31 | 0°11 | 16° 3 | 14°50 | W 8 |
| T 9 | 1 13 42 | 16°42'17 | 19°49 | 4°29 | 7°55 | 17°11 | 2°38 | 25°13 | 4°R35 | 24°57 | 10°46 | 29°32 | 0° 8 | 16°10 | 14°48 | T 9 |
| F 10 | 1 17 39 | 17°40'45 | 3 II 3 | 4°13 | 9° 9 | 17°49 | 2°34 | 25°20 | 4°35 | 24°58 | 10°49 | 29°33 | 0° 5 | 16°17 | 14°45 | F 10 |
| S 11 | 1 21 35 | 18°39'14 | 15°55 | 4°D 6 | 10°24 | 18°28 | 2°31 | 25°26 | 4°35 | 24°59 | 10°51 | 29°34 | 0° 2 | 16°23 | 14°43 | S 11 |
| S 12 | 1 25 32 | 19°37'46 | 28°27 | 4° 9 | 11°38 | 19° 6 | 2°28 | 25°32 | 4°35 | 25° 0 | 10°53 | 29°35 | 29 Y 59 | 16°30 | 14°41 | S 12 |
| M13 | 1 29 28 | 20°36'20 | 109542 | 4°22 | 12°53 | 19°45 | 2°25 | 25°39 | 4°34 | 25° 1 | 10°55 | 29°35 | 29°55 | 16°37 | 14°38 | M13 |
| T 14 | 1 33 25 | 21°34'56 | 22°46 | 4°44 | 14° 7 | 20°23 | 2°22 | 25°45 | 4°34 | 25° 2 | 10°57 | 29°R36 | 29°52 | 16°44 | 14°36 | T 14 |
| W15 | 1 37 21 | 22°33'35 | 4Ω41 | 5°15 | 15°22 | 21° 2 | 2°20 | 25°52 | 4°34 | 25° 4 | 10°59 | 29°35 | 29°49 | 16°50 | 14°34 | W15 |
| T 16 | 1 41 18 | 23°32'15 | 16°33 | 5°56 | 16°37 | 21°40 | 2°17 | 25°58 | 4°34 | 25° 5 | 11° 1 | 29°35 | 29°46 | 16°57 | 14°32 | T 16 |
| F 17 | 1 45 14 | 24°30'57 | 28°27 | 6°45 | 17°51 | 22°19 | 2°15 | 26° 5 | 4°33 | 25° 6 | 11° 4 | 29°34 | 29°43 | 17° 4 | 14°30 | F 17 |
| S 18 | 1 49 11 | 25°29'42 | 10 m 26 | 7°42 | 19° 6 | 22°57 | 2°13 | 26°11 | 4°33 | 25° 8 | 11° 6 | 29°34 | 29°40 | 17°11 | 14°28 | S 18 |
| S 19 | 1 53 8 | 26°28'28 | 22°34 | 8°46 | 20°21 | 23°36 | 2°11 | 26°18 | 4°32 | 25° 9 | 11°8 | 29°33 | 29°36 | 17°17 | 14°26 | S 19 |
| M20 | 1 57 4 | 27°27'17 | 4 Ω 53 | 9°57 | 21°35 | 24°15 | 2°10 | 26°25 | 4°32 | 25°10 | 11°10 | 29°33 | 29°33 | 17°24 | 14°24 | M20 |
| T 21 | 2 1 1 | 28°26'07 | 17°25 | 11°13 | 22°50 | 24°53 | 2° 8 | 26°31 | 4°31 | 25°12 | 11°12 | 29°33 | 29°30 | 17°31 | 14°22 | T 21 |
| W22 | 2 4 57 | 29°25'00 | 0ML12 | 12°35 | 24° 5 | 25°32 | 2° 7 | 26°38 | 4°31 | 25°13 | 11°14 | 29°33 | 29°27 | 17°37 | 14°20 | W22 |
| T 23 | 2 8 54 | 0 M 23'54 | 13°14 | 14° 2 | 25°19 | 26°11 | 2° 6 | 26°45 | 4°30 | 25°15 | 11°16 | 29°33 | 29°24 | 17°44 | 14°18 | T 23 |
| F 24 | 2 12 50 | 1°22'51 | 26°30 | 15°32 | 26°34 | 26°49 | 2° 5 | 26°52 | 4°29 | 25°16 | 11°18 | 29°33 | 29°20 | 17°51 | 14°17 | F 24 |
| S 25 | 2 16 47 | 2°21'49 | 10 才 0 | 17° 6 | 27°49 | 27°28 | 2° 4 | 26°58 | 4°28 | 25°18 | 11°20 | 29°32 | 29°17 | 17°58 | 14°15 | S 25 |
| S 26 | 2 20 43 | 3°20'49 | 23°42 | 18°43 | 29° 4 | 28° 7 | 2° 4 | 27° 5 | 4°28 | 25°19 | 11°22 | 29°32 | 29°14 | 18° 4 | 14°13 | S 26 |
| M27 | 2 24 40 | 4°19'51 | 7 云 35 | 20°22 | 0 M 19 | 28°46 | 2° 4 | 27°12 | 4°27 | 25°21 | 11°24 | 29°32 | 29°11 | 18°11 | 14°12 | M27 |
| T 28 | 2 28 37 | 5°18'54 | 21°37 | 22° 3 | 1°33 | 29°24 | 2°D 4 | 27°19 | 4°26 | 25°22 | 11°27 | 29°31 | 29° 8 | 18°18 | 14°10 | T 28 |
| W29 | 2 32 33 | 6°17'59 | 5≈46 | 23°45 | 2°48 | 0 M 3 | 2° 4 | 27°26 | 4°25 | 25°24 | 11°29 | 29°D31 | 29° 5 | 18°24 | 14° 9 | W29 |
| T 30 | 2 36 30 | 7°17'06 | 19°59 | 25°29 | 4° 3 | 0°42 | 2° 4 | 27°33 | 4°24 | 25°26 | 11°31 | 29°31 | 29° 1 | 18°31 | 14° 7 | T 30 |
| F 31 | 2 40 26 | 8 M .16'14 | 4) 16 | 27 ≏ 13 | 5 M 18 | 1 M 21 | 2 米 5 | 27 M .40 | 4923 | 25 ₹ 27 | 11 ≏ 33 | 29 Y 32 | 28 Y 58 | 18 Ω 38 | 14 米 6 | F 31 |

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|------|---------|------------------|-----------------|----------------|-----------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 2 44 23 | 9 M 15'24 | 18) €32 | 28 ≏ 58 | 6ML33 | 2 M 0 | 2 ∺ 6 | 27 M 47 | 4°R22 | 25 × 29 | 11 ≏ 35 | 29 Y 33 | 28 Y 55 | 18 Ω 45 | 14°R 5 | S 1 |
| S 2 | 2 48 19 | 10°14'36 | 2 Υ 44 | 0 M .43 | 7°48 | 2°39 | 2° 7 | 27°54 | 4921 | 25°31 | 11°36 | 29°33 | 28°52 | 18°51 | 14 ∺ 3 | S 2 |
| M 3 | 2 52 16 | 11°13'49 | 16°50 | 2°28 | 9° 3 | 3°17 | 2° 8 | 28° 1 | 4°19 | 25°32 | 11°38 | 29°34 | 28°49 | 18°58 | 14° 2 | M 3 |
| T 4 | 2 56 12 | 12°13'04 | 0 8 45 | 4°13 | 10°17 | 3°56 | 2° 9 | 28° 8 | 4°18 | 25°34 | 11°40 | 29°R34 | 28°45 | 19° 5 | 14° 1 | T 4 |
| W 5 | 3 0 9 | 13°12'22 | 14°26 | 5°58 | 11°32 | 4°35 | 2°11 | 28°15 | 4°17 | 25°36 | 11°42 | 29°34 | 28°42 | 19°11 | 14° 0 | W 5 |
| T 6 | 3 4 5 | 14°11'41 | 27°51 | 7°42 | 12°47 | 5°14 | 2°12 | 28°23 | 4°16 | 25°38 | 11°44 | 29°33 | 28°39 | 19°18 | 13°59 | T 6 |
| F 7 | 3 8 2 | 15°11'02 | 10∏58 | 9°27 | 14° 2 | 5°53 | 2°14 | 28°30 | 4°14 | 25°39 | 11°46 | 29°31 | 28°36 | 19°25 | 13°58 | F 7 |
| S 8 | 3 11 59 | 16°10'26 | 23°47 | 11°10 | 15°17 | 6°32 | 2°17 | 28°37 | 4°13 | 25°41 | 11°48 | 29°29 | 28°33 | 19°32 | 13°57 | S 8 |
| S 9 | 3 15 55 | 17° 9'51 | 69318 | 12°54 | 16°32 | 7°11 | 2°19 | 28°44 | 4°11 | 25°43 | 11°50 | 29°26 | 28°30 | 19°38 | 13°56 | S 9 |
| M10 | 3 19 52 | 18° 9'19 | 18°34 | 14°37 | 17°47 | 7°50 | 2°21 | 28°51 | 4°10 | 25°45 | 11°52 | 29°23 | 28°26 | 19°45 | 13°55 | M10 |
| T 11 | 3 23 48 | 19° 8'49 | 0 Ω 38 | 16°19 | 19° 2 | 8°29 | 2°24 | 28°59 | 4° 8 | 25°47 | 11°54 | 29°21 | 28°23 | 19°52 | 13°54 | T 11 |
| W12 | 3 27 45 | 20° 8'21 | 12°34 | 18° 1 | 20°17 | 9° 8 | 2°27 | 29° 6 | 4° 7 | 25°49 | 11°55 | 29°20 | 28°20 | 19°58 | 13°54 | W12 |
| T 13 | 3 31 41 | 21° 7'55 | 24°27 | 19°42 | 21°32 | 9°48 | 2°30 | 29°13 | 4° 5 | 25°51 | 11°57 | 29°D20 | 28°17 | 20° 5 | 13°53 | T 13 |
| F 14 | 3 35 38 | 22° 7'31 | 6 m 20 | 21°23 | 22°47 | 10°27 | 2°34 | 29°20 | 4° 3 | 25°52 | 11°59 | 29°21 | 28°14 | 20°12 | 13°53 | F 14 |
| S 15 | 3 39 35 | 23° 7'10 | 18°19 | 23° 3 | 24° 2 | 11° 6 | 2°37 | 29°27 | 4° 2 | 25°54 | 12° 1 | 29°22 | 28°11 | 20°19 | 13°52 | S 15 |
| S 16 | 3 43 31 | 24° 6'50 | 0 ჲ 29 | 24°42 | 25°17 | 11°45 | 2°41 | 29°35 | 4° 0 | 25°56 | 12° 2 | 29°24 | 28° 7 | 20°25 | 13°52 | S 16 |
| M17 | 3 47 28 | 25° 6'33 | 12°53 | 26°21 | 26°32 | 12°24 | 2°45 | 29°42 | 3°58 | 25°58 | 12° 4 | 29°26 | 28° 4 | 20°32 | 13°51 | M17 |
| T 18 | 3 51 24 | 26° 6'18 | 25°35 | 28° 0 | 27°47 | 13° 4 | 2°49 | 29°49 | 3°56 | 26° 0 | 12° 6 | 29°R26 | 28° 1 | 20°39 | 13°51 | T 18 |
| W19 | 3 55 21 | 27° 6'05 | 8 M .37 | 29°38 | 29° 2 | 13°43 | 2°53 | 29°57 | 3°55 | 26° 2 | 12° 7 | 29°26 | 27°58 | 20°45 | 13°51 | W19 |
| T 20 | 3 59 17 | 28° 5'54 | 22° 0 | 1 才 15 | 0 才 18 | 14°22 | 2°57 | 0 ∡ 4 | 3°53 | 26° 4 | 12° 9 | 29°24 | 27°55 | 20°52 | 13°50 | T 20 |
| F 21 | 4 3 14 | 29° 5'45 | 5 √ 41 | 2°52 | 1°33 | 15° 1 | 3° 2 | 0°11 | 3°51 | 26° 6 | 12°11 | 29°21 | 27°51 | 20°59 | 13°50 | F 21 |
| S 22 | 4 7 10 | 0 ≯ 5'38 | 19°40 | 4°28 | 2°48 | 15°41 | 3° 7 | 0°18 | 3°49 | 26° 9 | 12°12 | 29°17 | 27°48 | 21° 6 | 13°50 | S 22 |
| S 23 | 4 11 7 | 1° 5'32 | 3 る 50 | 6° 4 | 4° 3 | 16°20 | 3°12 | 0°26 | 3°47 | 26°11 | 12°14 | 29°12 | 27°45 | 21°12 | 13°D50 | S 23 |
| M24 | 4 15 4 | 2° 5'29 | 18° 8 | 7°40 | 5°18 | 17° 0 | 3°17 | 0°33 | 3°45 | 26°13 | 12°15 | 29° 7 | 27°42 | 21°19 | 13°50 | M24 |
| T 25 | 4 19 0 | 3° 5'26 | 2≈29 | 9°15 | 6°33 | 17°39 | 3°22 | 0°40 | 3°43 | 26°15 | 12°17 | 29° 3 | 27°39 | 21°26 | 13°50 | T 25 |
| W26 | 4 22 57 | 4° 5'26 | 16°48 | 10°49 | 7°48 | 18°18 | 3°27 | 0°48 | 3°41 | 26°17 | 12°19 | 29° 0 | 27°36 | 21°32 | 13°50 | W26 |
| T 27 | 4 26 53 | 5° 5'27 | 1 米 2 | 12°23 | 9° 3 | 18°58 | 3°33 | 0°55 | 3°39 | 26°19 | 12°20 | 28°D59 | 27°32 | 21°39 | 13°51 | T 27 |
| F 28 | 4 30 50 | 6° 5'29 | 15° 8 | 13°57 | 10°18 | 19°37 | 3°39 | 1° 2 | 3°36 | 26°21 | 12°21 | 28°59 | 27°29 | 21°46 | 13°51 | F 28 |
| S 29 | 4 34 46 | 7° 5'33 | 29° 6 | 15°30 | 11°34 | 20°17 | 3°45 | 1° 9 | 3°34 | 26°23 | 12°23 | 29° 1 | 27°26 | 21°52 | 13°51 | S 29 |
| S 30 | 4 38 43 | 8 ∡¹ 5'38 | 12 Y 54 | 17 ⋌ 3 | 12 × 749 | 20 M 56 | 3 ∺ 51 | 1 √ 17 | 3 9 32 | 26 ₹ 25 | 12 ≏ 24 | 29 ° 2 | 27 Y 23 | 21 £ 59 | 13 ∺ 52 | S 30 |

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|--------------|--------------------|-----------------------------|-------------------------|------------------------|----------------|----------------|---------------|---------------|--------------|-----------------------------|----------------|----------------|----------------|----------------|-----------------|--------------|
| M 1 | 4 42 39 | 9 % 5'44 | 26 Y 33 | 18 × 36 | 14 ×7 4 | 21 M 36 | 3 ∺ 57 | 1 √ 24 | 3°R30 | 26 × ⁷ 28 | 12 ≏ 26 | 29°R 3 | 27 Y 20 | 22 N 6 | 13 ∺ 52 | M 1 |
| T 2 | 4 46 36 | 10° 5'53 | 108 1 | 20° 8 | 15°19 | 22°16 | 4° 4 | 1°31 | 3928 | 26°30 | 12°27 | 29 Υ 2 | 27°17 | 22°13 | 13°53 | T 2 |
| W 3 | 4 50 33 | 11° 6'02 | 23°17 | 21°40 | 16°34 | 22°55 | 4°11 | 1°38 | 3°25 | 26°32 | 12°28 | 29° 0 | 27°13 | 22°19 | 13°53 | W 3 |
| T 4 F 5 | 4 54 29 4 58 26 | 12° 6'14 13° 6'27 | 6 Ⅲ 22 19°14 | 23°12 24°43 | 17°49 19°4 | 23°35 24°15 | 4°17 4°24 | 1°46 1°53 | 3°23 3°21 | 26°34 26°36 | 12°30 12°31 | 28°55 28°49 | 27°10 27° 7 | 22°26 22°33 | 13°54 13°55 | T 4 F 5 |
| S 6 | 5 2 22 | 13 627 14° 6'42 | 19 14 | 24 43 26°14 | 20°20 | 24°54 | 4°32 | 2° 0 | 3°18 | 26°39 | 12°32 | 28°40 | 27° 4 | 22°39 | 13°55 | S 6 |
| | | | | | | | | - | | | | | | | | ~ " |
| S 7 M 8 | 5 6 19 5 10 15 | 15° 6'58 16° 7'17 | 14°18 26°31 | 27°44 29°15 | 21°35 22°50 | 25°34 26°14 | 4°39 4°46 | 2° 7 2°14 | 3°16 3°14 | 26°41 26°43 | 12°33 12°35 | 28°32 28°23 | 27° 1 26°57 | 22°46 22°53 | 13°56 13°57 | S 7 M 8 |
| M 8 | 5 10 15 5 14 12 | 10° 7'17 17° 7'37 | $8\Omega_{33}$ | 29°13 0 る 45 | 24° 5 | 26°53 | 4°54 | 2°14 2°22 | 3°14 3°11 | 26°45 | 12°36 | 28°23 28°15 | 26°54 | 22°53 23° 0 | 13°58 | M 8 |
| W10 | 5 18 8 | 18° 7'58 | 20°28 | 2°14 | 25°20 | 20°33 | 5° 2 | 2°29 | 3° 9 | 26°47 | 12°37 | 28° 9 | 26°51 | 23° 6 | 13°59 | W10 |
| T 11 | 5 22 5 | 19° 8'22 | 2m 19 | 3°43 | 26°36 | 28°13 | 5° 9 | 2°36 | 3° 6 | 26°50 | 12°38 | 28° 5 | 26°48 | 23°13 | 14° 0 | T 11 |
| F 12 | 5 26 2 | 20° 8'47 | 14°10 | 5°12 | 27°51 | 28°53 | 5°17 | 2°43 | 3° 4 | 26°52 | 12°39 | 28° 3 | 26°45 | 23°20 | 14° 1 | F 12 |
| S 13 | 5 29 58 | 21° 9'14 | 26° 7 | 6°41 | 29° 6 | 29°33 | 5°26 | 2°50 | 3° 2 | 26°54 | 12°40 | 28°D 3 | 26°42 | 23°26 | 14° 3 | S 13 |
| S 14 | 5 33 55 | 22° 9'43 | 8 ≏ 14 | 8° 9 | 0 ට 21 | 0 ∡ 13 | 5°34 | 2°57 | 2°59 | 26°56 | 12°41 | 28° 4 | 26°38 | 23°33 | 14° 4 | S 14 |
| M15 | 5 37 51 | 23°10'14 | 20°38 | 9°36 | 1°36 | 0°53 | 5°42 | 3° 4 | 2°57 | 26°59 | 12°42 | 28° 5 | 26°35 | 23°40 | 14° 5 | M15 |
| T 16 | 5 41 48 | 24°10'46 | 3 M 22 | 11° 3 | 2°52 | 1°33 | 5°51 | 3°11 | 2°54 | 27° 1 | 12°43 | 28°R 5 | 26°32 | 23°47 | 14° 6 | T 16 |
| W17 | 5 45 44 | 25°11'20 | 16°30 | 12°30 | 4° 7 | 2°13 | 6° 0 | 3°18 | 2°52 | 27° 3 | 12°44 | 28° 4 | 26°29 | 23°53 | 14° 8 | W17 |
| T 18 | 5 49 41 | 26°11'55 | 0 √ 4 | 13°55 | 5°22 | 2°53 | 6° 9 | 3°25 | 2°49 | 27° 5 | 12°45 | 27°59 | 26°26 | 24° 0 | 14° 9 | T 18 |
| F 19 S 20 | 5 53 38 5 57 34 | 27°12'32 28°13'11 | 14° 4 28°26 | 15°20 16°44 | 6°37 7°53 | 3°33 4°13 | 6°18 6°27 | 3°32 3°39 | 2°47 2°44 | 27° 8 27°10 | 12°46 12°47 | 27°53 27°44 | 26°23 26°19 | 24° 7 24°13 | 14°11 14°13 | F 19 S 20 |
| | | | | | | | | | | | | - | | | | |
| S 21 | 6 1 31 | 29°13'51 | 13중 4 | 18° 7 | 9° 8 | 4°53 | 6°36 | 3°46 | 2°42 | 27°12 | 12°48 | 27°34 | 26°16 | 24°20 | 14°14 | S 21 |
| M22 T 23 | 6 5 27 6 9 24 | 0 る 14'32 1°15'14 | 27°52 12 ≈ 39 | 19°29 20°50 | 10°23 11°38 | 5°33 6°13 | 6°46 6°55 | 3°52 3°59 | 2°39 2°37 | 27°14 27°17 | 12°48 12°49 | 27°24 27°15 | 26°13 26°10 | 24°27 24°34 | 14°16 14°18 | M22 T 23 |
| W24 | 6 13 20 | 2°15'57 | 12≈39 27°20 | 20° 9 | 12°53 | 6°53 | 7° 5 | 3 39 4° 6 | 2°34 | 27°19 | 12°49 | 27° 8 | 26° 7 | 24°40 | 14 18 14°20 | W24 |
| T 25 | 6 17 17 | 3°16'41 | 11) (47 | 23°26 | 14° 9 | 7°34 | 7°15 | 4°13 | 2°31 | 27°21 | 12°51 | 27° 4 | 26° 3 | 24°47 | 14°21 | T 25 |
| F 26 | 6 21 13 | 4°17'26 | 25°57 | 24°41 | 15°24 | 8°14 | 7°24 | 4°19 | 2°29 | 27°23 | 12°51 | 27° 2 | 26° 0 | 24°54 | 14°23 | F 26 |
| S 27 | 6 25 10 | 5°18'12 | 9 Υ50 | 25°54 | 16°39 | 8°54 | 7°35 | 4°26 | 2°26 | 27°26 | 12°52 | 27°D 2 | 25°57 | 25° 0 | 14°25 | S 27 |
| S 28 | 6 29 7 | 6°18'58 | 23°26 | 27° 4 | 17°54 | 9°34 | 7°45 | 4°32 | 2°24 | 27°28 | 12°52 | 27°R 2 | 25°54 | 25° 7 | 14°27 | S 28 |
| M29 | 6 33 3 | 7°19'45 | 6 8 46 | 28°11 | 19°10 | 10°15 | 7°55 | 4°39 | 2°21 | 27°30 | 12°53 | 27° 2 | 25°51 | 25°14 | 14°29 | M29 |
| T 30 | 6 37 0 | 8°20'33 | 19°53 | 29°15 | 20°25 | 10°55 | 8° 5 | 4°45 | 2°19 | 27°32 | 12°53 | 27° 0 | 25°48 | 25°20 | 14°32 | T 30 |
| W31 | 6 40 56 | 9 ට 21'22 | 2 Ⅱ 47 | 0≈14 | 21 궁 40 | 11 × 35 | 8 ∺ 16 | 4 ₹ 52 | 29516 | 27 ,₹ 35 | 12 ≏ 54 | 26 Y 55 | 25 ℃ 44 | 25 Ω 27 | 14) (34 | W31 |

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|------|---------|-------------------|-----------------|----------------|----------------|----------------|----------------|-----------------|-------|-----------------|----------------|----------------|----------------|----------------|-----------------|------|
| T 1 | 6 44 53 | 10 ට 22'12 | 15 Ⅲ 31 | 1≈ 9 | 22 る 55 | 12 √ 16 | 8 ∺ 26 | 4 ₹ 58 | 2°R14 | 27 ∡ 737 | 12 ≏ 54 | 26°R47 | 25 Υ 41 | 25 Ω 34 | 14) (36 | T 1 |
| F 2 | 6 48 49 | 11°23'03 | 28° 4 | 1°58 | 24°11 | 12°56 | 8°37 | 5° 5 | 29911 | 27°39 | 12°55 | 26 Y 36 | 25°38 | 25°41 | 14°38 | F 2 |
| S 3 | 6 52 46 | 12°23'54 | 10928 | 2°41 | 25°26 | 13°37 | 8°48 | 5°11 | 2° 9 | 27°41 | 12°55 | 26°23 | 25°35 | 25°47 | 14°41 | S 3 |
| S 4 | 6 56 43 | 13°24'47 | 22°43 | 3°17 | 26°41 | 14°17 | 8°59 | 5°17 | 2° 6 | 27°43 | 12°56 | 26° 9 | 25°32 | 25°54 | 14°43 | S 4 |
| M 5 | 7 0 39 | 14°25'40 | 4 Ω 49 | 3°45 | 27°56 | 14°58 | 9°10 | 5°24 | 2° 4 | 27°46 | 12°56 | 25°55 | 25°29 | 26° 1 | 14°46 | M 5 |
| T 6 | 7 4 36 | 15°26'34 | 16°47 | 4° 5 | 29°12 | 15°38 | 9°21 | 5°30 | 2° 1 | 27°48 | 12°56 | 25°42 | 25°25 | 26° 7 | 14°48 | T 6 |
| W 7 | 7 8 32 | 16°27'29 | 28°40 | 4°R15 | 0≈27 | 16°19 | 9°32 | 5°36 | 1°59 | 27°50 | 12°56 | 25°31 | 25°22 | 26°14 | 14°51 | W 7 |
| T 8 | 7 12 29 | 17°28'25 | 10 m 29 | 4°15 | 1°42 | 16°59 | 9°44 | 5°42 | 1°57 | 27°52 | 12°57 | 25°23 | 25°19 | 26°21 | 14°53 | T 8 |
| F 9 | 7 16 25 | 18°29'22 | 22°18 | 4° 4 | 2°57 | 17°40 | 9°55 | 5°48 | 1°54 | 27°54 | 12°57 | 25°18 | 25°16 | 26°27 | 14°56 | F 9 |
| S 10 | 7 20 22 | 19°30'20 | 4 ≏ 12 | 3°41 | 4°12 | 18°21 | 10° 7 | 5°54 | 1°52 | 27°56 | 12°57 | 25°16 | 25°13 | 26°34 | 14°59 | S 10 |
| S 11 | 7 24 18 | 20°31'19 | 16°16 | 3° 6 | 5°28 | 19° 1 | 10°18 | 6° 0 | 1°49 | 27°59 | 12°57 | 25°15 | 25° 9 | 26°41 | 15° 1 | S 11 |
| M12 | 7 28 15 | 21°32'18 | 28°35 | 2°20 | 6°43 | 19°42 | 10°30 | 6° 6 | 1°47 | 28° 1 | 12°57 | 25°15 | 25° 6 | 26°48 | 15° 4 | M12 |
| T 13 | 7 32 12 | 22°33'19 | 11 M .14 | 1°24 | 7°58 | 20°23 | 10°42 | 6°11 | 1°45 | 28° 3 | 12°57 | 25°14 | 25° 3 | 26°54 | 15° 7 | T 13 |
| W14 | 7 36 8 | 23°34'20 | 24°19 | 0°18 | 9°13 | 21° 4 | 10°54 | 6°17 | 1°43 | 28° 5 | 12°R57 | 25°12 | 25° 0 | 27° 1 | 15°10 | W14 |
| T 15 | 7 40 5 | 24°35'22 | 7 .₹ 53 | 29 궁 4 | 10°29 | 21°44 | 11° 6 | 6°23 | 1°40 | 28° 7 | 12°57 | 25° 7 | 24°57 | 27° 8 | 15°13 | T 15 |
| F 16 | 7 44 1 | 25°36'25 | 21°56 | 27°44 | 11°44 | 22°25 | 11°18 | 6°28 | 1°38 | 28° 9 | 12°57 | 25° 0 | 24°54 | 27°14 | 15°16 | F 16 |
| S 17 | 7 47 58 | 26°37'29 | 6 る 28 | 26°22 | 12°59 | 23° 6 | 11°30 | 6°34 | 1°36 | 28°11 | 12°57 | 24°50 | 24°50 | 27°21 | 15°19 | S 17 |
| S 18 | 7 51 54 | 27°38'33 | 21°22 | 25° 0 | 14°14 | 23°47 | 11°42 | 6°39 | 1°34 | 28°13 | 12°57 | 24°38 | 24°47 | 27°28 | 15°22 | S 18 |
| M19 | 7 55 51 | 28°39'38 | 6≈30 | 23°40 | 15°29 | 24°28 | 11°54 | 6°45 | 1°31 | 28°15 | 12°57 | 24°26 | 24°44 | 27°35 | 15°25 | M19 |
| T 20 | 7 59 47 | 29°40'43 | 21°41 | 22°26 | 16°45 | 25° 9 | 12° 7 | 6°50 | 1°29 | 28°17 | 12°57 | 24°15 | 24°41 | 27°41 | 15°28 | T 20 |
| W21 | 8 3 44 | 0≈41'48 | 6) 45 | 21°19 | 18° 0 | 25°50 | 12°19 | 6°55 | 1°27 | 28°19 | 12°56 | 24° 6 | 24°38 | 27°48 | 15°31 | W21 |
| T 22 | 8 7 41 | 1°42'53 | 21°33 | 20°20 | 19°15 | 26°31 | 12°32 | 7° 1 | 1°25 | 28°21 | 12°56 | 24° 0 | 24°35 | 27°55 | 15°34 | T 22 |
| F 23 | 8 11 37 | 2°43'58 | 5 Ƴ 59 | 19°31 | 20°30 | 27°12 | 12°45 | 7° 6 | 1°23 | 28°23 | 12°56 | 23°57 | 24°31 | 28° 1 | 15°38 | F 23 |
| S 24 | 8 15 34 | 3°45'03 | 20° 1 | 18°52 | 21°45 | 27°53 | 12°57 | 7°11 | 1°21 | 28°25 | 12°56 | 23°D57 | 24°28 | 28° 8 | 15°41 | S 24 |
| S 25 | 8 19 30 | 4°46'07 | 3 8 38 | 18°24 | 23° 0 | 28°34 | 13°10 | 7°16 | 1°19 | 28°27 | 12°55 | 23°R57 | 24°25 | 28°15 | 15°44 | S 25 |
| M26 | 8 23 27 | 5°47'12 | 16°54 | 18° 6 | 24°16 | 29°15 | 13°23 | 7°21 | 1°17 | 28°29 | 12°55 | 23°56 | 24°22 | 28°21 | 15°47 | M26 |
| T 27 | 8 27 23 | 6°48'16 | 29°51 | 17°D58 | 25°31 | 29°56 | 13°36 | 7°26 | 1°15 | 28°31 | 12°55 | 23°54 | 24°19 | 28°28 | 15°51 | T 27 |
| W28 | 8 31 20 | 7°49'21 | 12 Ⅲ 32 | 17°59 | 26°46 | 0 云 38 | 13°49 | 7°30 | 1°13 | 28°32 | 12°54 | 23°50 | 24°15 | 28°35 | 15°54 | W28 |
| T 29 | 8 35 16 | 8°50'25 | 25° 1 | 18° 8 | 28° 1 | 1°19 | 14° 2 | 7°35 | 1°11 | 28°34 | 12°54 | 23°42 | 24°12 | 28°41 | 15°58 | T 29 |
| F 30 | 8 39 13 | 9°51'29 | 7 9 519 | 18°26 | 29°16 | 2° 0 | 14°15 | 7°40 | 1° 9 | 28°36 | 12°53 | 23°32 | 24° 9 | 28°48 | 16° 1 | F 30 |
| S 31 | 8 43 10 | 10≈52'32 | 19929 | 18 る 50 | 0 ∺ 31 | 2 ප් 41 | 14 ∺ 28 | 7 ,₹ 144 | 195 8 | 28 × 38 | 12 ≏ 53 | 23 Y 19 | 24 Y 6 | 28 N 55 | 16 米 5 | S 31 |

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| S 1 | 8 47 6 | 11≈53'36 | 1⋒33 | 19る22 | 1) (46 | 3 ට 23 | 14) (41 | 7 ,₹ 149 | 1°R 6 | 28 × ⁷ 40 | 12°R52 | 23°R 5 | 24 ° 3 | 29 N 2 | 16 米 8 | S 1 |
| M 2 | 8 51 3 | 12°54'39 | 13°31 | 19°59 | 3° 1 | 4° 4 | 14°55 | 7°53 | 199 4 | 28°41 | 12 ≏ 51 | 22 Y 51 | 24° 0 | 29° 8 | 16°12 | M 2 |
| T 3 | 8 54 59 | 13°55'42 | 25°25 | 20°41 | 4°16 | 4°45 | 15° 8 | 7°58 | 1° 2 | 28°43 | 12°51 | 22°39 | 23°56 | 29°15 | 16°15 | T 3 |
| W 4 | 8 58 56 | 14°56'45 | 7 m 15 | 21°28 | 5°31 | 5°27 | 15°21 | 8° 2 | 1° 1 | 28°45 | 12°50 | 22°28 | 23°53 | 29°22 | 16°19 | W 4 |
| T 5 | 9 2 52 | 15°57'47 | 19° 5 | 22°19 | 6°46 | 6° 8 | 15°35 | 8° 6 | 0°59 | 28°47 | 12°49 | 22°20 | 23°50 | 29°28 | 16°23 | T 5 |
| F 6 | 9 6 49 | 16°58'50 | 0 ჲ 55 | 23°15 | 8° 1 | 6°49 | 15°48 | 8°10 | 0°58 | 28°48 | 12°49 | 22°15 | 23°47 | 29°35 | 16°26 | F 6 |
| S 7 | 9 10 45 | 17°59'52 | 12°51 | 24°13 | 9°16 | 7°31 | 16° 2 | 8°14 | 0°56 | 28°50 | 12°48 | 22°13 | 23°44 | 29°42 | 16°30 | S 7 |
| S 8 | 9 14 42 | 19° 0'55 | 24°54 | 25°15 | 10°31 | 8°12 | 16°16 | 8°18 | 0°55 | 28°51 | 12°47 | 22°D12 | 23°41 | 29°48 | 16°34 | S 8 |
| M 9 | 9 18 39 | 20° 1'57 | 7 M J11 | 26°19 | 11°46 | 8°54 | 16°29 | 8°22 | 0°53 | 28°53 | 12°46 | 22°13 | 23°37 | 29°55 | 16°37 | M 9 |
| T 10 | 9 22 35 | 21° 2'59 | 19°46 | 27°26 | 13° 1 | 9°35 | 16°43 | 8°25 | 0°52 | 28°55 | 12°46 | 22°R13 | 23°34 | 0Mg 2 | 16°41 | T 10 |
| W11 | 9 26 32 | 22° 4'01 | 2 √ 144 | 28°35 | 14°15 | 10°17 | 16°57 | 8°29 | 0°51 | 28°56 | 12°45 | 22°13 | 23°31 | 0° 9 | 16°45 | W11 |
| T 12 | 9 30 28 | 23° 5'03 | 16° 9 | 29°46 | 15°30 | 10°59 | 17°10 | 8°32 | 0°49 | 28°58 | 12°44 | 22°10 | 23°28 | 0°15 | 16°49 | T 12 |
| F 13 | 9 34 25 | 24° 6'04 | 0중 4 | 0≈59 | 16°45 | 11°40 | 17°24 | 8°36 | 0°48 | 28°59 | 12°43 | 22° 5 | 23°25 | 0°22 | 16°53 | F 13 |
| S 14 | 9 38 21 | 25° 7'06 | 14°28 | 2°14 | 18° 0 | 12°22 | 17°38 | 8°39 | 0°47 | 29° 1 | 12°42 | 21°58 | 23°21 | 0°29 | 16°57 | S 14 |
| S 15 | 9 42 18 | 26° 8'07 | 29°19 | 3°30 | 19°15 | 13° 4 | 17°52 | 8°43 | 0°46 | 29° 2 | 12°41 | 21°50 | 23°18 | 0°35 | 17° 0 | S 15 |
| M16 | 9 46 15 | 27° 9'07 | 14≈29 | 4°48 | 20°30 | 13°45 | 18° 6 | 8°46 | 0°45 | 29° 3 | 12°40 | 21°41 | 23°15 | 0°42 | 17° 4 | M16 |
| T 17 | 9 50 11 | 28°10'07 | 29°48 | 6° 7 | 21°44 | 14°27 | 18°20 | 8°49 | 0°44 | 29° 5 | 12°39 | 21°33 | 23°12 | 0°49 | 17° 8 | T 17 |
| W18 | 9 54 8 | 29°11'06 | 15) 5 | 7°28 | 22°59 | 15° 9 | 18°34 | 8°52 | 0°43 | 29° 6 | 12°38 | 21°26 | 23° 9 | 0°55 | 17°12 | W18 |
| T 19 | 9 58 4 | 0) (12′04 | oΥ 9 | 8°49 | 24°14 | 15°51 | 18°48 | 8°55 | 0°42 | 29° 7 | 12°37 | 21°22 | 23° 6 | 1° 2 | 17°16 | T 19 |
| F 20 | 10 2 1 | 1°13'01 | 14°52 | 10°12 | 25°28 | 16°33 | 19° 2 | 8°57 | 0°41 | 29° 9 | 12°36 | 21°D20 | 23° 2 | 1° 9 | 17°20 | F 20 |
| S 21 | 10 5 57 | 2°13'57 | 29° 9 | 11°35 | 26°43 | 17°14 | 19°16 | 9° 0 | 0°40 | 29°10 | 12°35 | 21°20 | 22°59 | 1°15 | 17°24 | S 21 |
| S 22 | 10 9 54 | 3°14'52 | 12859 | 13° 0 | 27°58 | 17°56 | 19°31 | 9° 3 | 0°39 | 29°11 | 12°34 | 21°21 | 22°56 | 1°22 | 17°28 | S 22 |
| M23 | 10 13 50 | 4°15'46 | 26°22 | 14°25 | 29°12 | 18°38 | 19°45 | 9° 5 | 0°38 | 29°12 | 12°32 | 21°22 | 22°53 | 1°29 | 17°32 | M23 |
| T 24 | 10 17 47 | 5°16'39 | 9 Ⅲ 21 | 15°52 | 0 Υ 27 | 19°20 | 19°59 | 9° 8 | 0°38 | 29°14 | 12°31 | 21°R22 | 22°50 | 1°36 | 17°36 | T 24 |
| W25 | 10 21 43 | 6°17'30 | 21°59 | 17°19 | 1°41 | 20° 2 | 20°13 | 9°10 | 0°37 | 29°15 | 12°30 | 21°21 | 22°47 | 1°42 | 17°40 | W25 |
| T 26 | 10 25 40 | 7°18'21 | 49522 | 18°47 | 2°56 | 20°44 | 20°28 | 9°12 | 0°36 | 29°16 | 12°29 | 21°18 | 22°43 | 1°49 | 17°44 | T 26 |
| F 27 | 10 29 37 | 8°19'10 | 16°33 | 20°16 | 4°10 | 2 <u>1</u> °26 | 20°42 | 9°14 | 0°36 | 29°17 | 12°27 | 21°12 | 22°40 | 1°56 | 17°48 | F 27 |
| S 28 | 10 33 33 | 9 米 19'58 | 28934 | 21≈46 | 5 ℃ 24 | 22 る 8 | 20) 56 | 9 .7 16 | 0935 | 29 × 18 | 12 ≏ 26 | 21 ° 5 | 22 Y 37 | 2 M) 2 | 17) 52 | S 28 |

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| S 1 | 10 37 30 | 10) € 20'45 | 10 Ω 30 | 23≈16 | 6 Ƴ 39 | 22 궁 50 | 21) 11 | 9 ∡ 18 | 0°R35 | 29 х 19 | 12°R25 | 20°R57 | 22 Y 34 | 2Mp 9 | 17) (56 | S 1 |
| M 2 | 10 41 26 | 11°21'30 | 22°22 | 24°48 | 7°53 | 23°32 | 21°25 | 9°20 | 0934 | 29°20 | 12 ≏ 24 | 20 Y 49 | 22°31 | 2°16 | 18° 0 | M 2 |
| T 3 | 10 45 23 | 12°22'14 | 4 Mp 13 | 26°20 | 9° 7 | 24°14 | 21°39 | 9°22 | 0°34 | 29°21 | 12°22 | 20°42 | 22°27 | 2°22 | 18° 4 | T 3 |
| W 4 | 10 49 19 | 13°22'57 | 16° 4 | 27°53 | 10°22 | 24°57 | 21°54 | 9°23 | 0°34 | 29°22 | 12°21 | 20°36 | 22°24 | 2°29 | 18° 8 | W 4 |
| T 5 | 10 53 16 | 14°23'39 | 27°57 | 29°27 | 11°36 | 25°39 | 22° 8 | 9°25 | 0°34 | 29°23 | 12°20 | 20°31 | 22°21 | 2°36 | 18°12 | T 5 |
| F 6 | 10 57 12 | 15°24'19 | 9 ॒ 53 | 1) 2 | 12°50 | 26°21 | 22°22 | 9°26 | 0°33 | 29°24 | 12°18 | 20°29 | 22°18 | 2°42 | 18°16 | F 6 |
| S 7 | 11 1 9 | 16°24'59 | 21°56 | 2°37 | 14° 4 | 27° 3 | 22°37 | 9°28 | 0°33 | 29°25 | 12°17 | 20°D28 | 22°15 | 2°49 | 18°21 | S 7 |
| S 8 | 11 5 6 | 17°25'37 | 4M 7 | 4°14 | 15°18 | 27°46 | 22°51 | 9°29 | 0°33 | 29°25 | 12°15 | 20°29 | 22°12 | 2°56 | 18°25 | S 8 |
| M 9 | 11 9 2 | 18°26'14 | 16°29 | 5°51 | 16°32 | 28°28 | 23° 6 | 9°30 | 0°D33 | 29°26 | 12°14 | 20°31 | 22° 8 | 3° 3 | 18°29 | M 9 |
| T 10 | 11 12 59 | 19°26'51 | 29° 7 | 7°29 | 17°46 | 29°10 | 23°20 | 9°31 | 0°33 | 29°27 | 12°13 | 20°33 | 22° 5 | 3° 9 | 18°33 | T 10 |
| W11 | 11 16 55 | 20°27'26 | 12 × 4 | 9° 8 | 19° 0 | 29°52 | 23°35 | 9°32 | 0°33 | 29°28 | 12°11 | 20°34 | 22° 2 | 3°16 | 18°37 | W11 |
| T 12 | 11 20 52 | 21°28'00 | 25°23 | 10°48 | 20°14 | 0≈35 | 23°49 | 9°32 | 0°33 | 29°28 | 12°10 | 20°R34 | 21°59 | 3°23 | 18°41 | T 12 |
| F 13 | 11 24 48 | 22°28'34 | 9 궁 7 | 12°28 | 21°28 | 1°17 | 24° 4 | 9°33 | 0°34 | 29°29 | 12° 8 | 20°33 | 21°56 | 3°29 | 18°45 | F 13 |
| S 14 | 11 28 45 | 23°29'06 | 23°17 | 14°10 | 22°42 | 2° 0 | 24°18 | 9°34 | 0°34 | 29°29 | 12° 7 | 20°31 | 21°53 | 3°36 | 18°49 | S 14 |
| S 15 | 11 32 41 | 24°29'37 | 7≈51 | 15°52 | 23°55 | 2°42 | 24°33 | 9°34 | 0°34 | 29°30 | 12° 5 | 20°27 | 21°49 | 3°43 | 18°53 | S 15 |
| M16 | 11 36 38 | 25°30'06 | 22°45 | 17°36 | 25° 9 | 3°25 | 24°47 | 9°34 | 0°35 | 29°31 | 12° 4 | 20°24 | 21°46 | 3°49 | 18°57 | M16 |
| T 17 | 11 40 35 | 26°30'34 | 7 ∺ 51 | 19°20 | 26°23 | 4° 7 | 25° 2 | 9°35 | 0°35 | 29°31 | 12° 2 | 20°20 | 21°43 | 3°56 | 19° 1 | T 17 |
| W18 | 11 44 31 | 27°31'01 | 23° 1 | 21° 6 | 27°36 | 4°50 | 25°16 | 9°35 | 0°35 | 29°32 | 12° 0 | 20°18 | 21°40 | 4° 3 | 19° 5 | W18 |
| T 19 | 11 48 28 | 28°31'26 | 8 ℃ 5 | 22°52 | 28°50 | 5°32 | 25°30 | 9°R35 | 0°36 | 29°32 | 11°59 | 20°16 | 21°37 | 4° 9 | 19° 9 | T 19 |
| F 20 | 11 52 24 | 29°31'50 | 22°54 | 24°39 | 0 8 4 | 6°15 | 25°45 | 9°35 | 0°36 | 29°32 | 11°57 | 20°D16 | 21°33 | 4°16 | 19°13 | F 20 |
| S 21 | 11 56 21 | 0 Υ 32'12 | 7 8 21 | 26°27 | 1°17 | 6°57 | 25°59 | 9°35 | 0°37 | 29°33 | 11°56 | 20°17 | 21°30 | 4°23 | 19°17 | S 21 |
| S 22 | 12 0 17 | 1°32'32 | 21°21 | 28°17 | 2°30 | 7°40 | 26°14 | 9°34 | 0°38 | 29°33 | 11°54 | 20°18 | 21°27 | 4°29 | 19°21 | S 22 |
| M23 | 12 4 14 | 2°32'50 | 4 Ⅱ 55 | 0 Υ 7 | 3°44 | 8°23 | 26°28 | 9°34 | 0°38 | 29°33 | 11°53 | 20°19 | 21°24 | 4°36 | 19°25 | M23 |
| T 24 | 12 8 10 | 3°33'07 | 18° 2 | 1°58 | 4°57 | 9° 5 | 26°43 | 9°34 | 0°39 | 29°34 | 11°51 | 20°20 | 21°21 | 4°43 | 19°29 | T 24 |
| W25 | 12 12 7 | 4°33'22 | 09୍ଦ47 | 3°50 | 6°10 | 9°48 | 26°57 | 9°33 | 0°40 | 29°34 | 11°49 | 20°R21 | 21°18 | 4°50 | 19°33 | W25 |
| T 26 | 12 16 4 | 5°33'34 | 13°11 | 5°43 | 7°24 | 10°31 | 27°12 | 9°32 | 0°41 | 29°34 | 11°48 | 20°21 | 21°14 | 4°56 | 19°37 | T 26 |
| F 27 | 12 20 0 | 6°33'45 | 25°21 | 7°37 | 8°37 | 11°14 | 27°26 | 9°31 | 0°42 | 29°34 | 11°46 | 20°20 | 21°11 | 5° 3 | 19°41 | F 27 |
| S 28 | 12 23 57 | 7°33'53 | $7\Omega_{20}$ | 9°32 | 9°50 | 11°56 | 27°40 | 9°31 | 0°43 | 29°34 | 11°45 | 20°19 | 21° 8 | 5°10 | 19°45 | S 28 |
| S 29 | 12 27 53 | 8°34'00 | 19°13 | 11°28 | 11° 3 | 12°39 | 27°55 | 9°30 | 0°44 | 29°34 | 11°43 | 20°17 | 21° 5 | 5°16 | 19°49 | S 29 |
| M30 | 12 31 50 | 9°34'05 | 1 Mp 2 | 13°24 | 12°16 | 13°22 | 28° 9 | 9°28 | 0°45 | 29°35 | 11°41 | 20°15 | 21° 2 | 5°23 | 19°53 | M30 |
| T 31 | 12 35 46 | 10 ° 34'07 | 12 m 53 | 15 Y 20 | 13 8 28 | 14≈ 5 | 28 ∺ 23 | 9 ∡ 727 | 09୍ଦ46 | 29°R35 | 11 ≏ 40 | 20 Υ 14 | 20 Y 59 | 5 m /30 | 19 米 57 | T 31 |

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| Day | Sid.t | 0 | D | ğ | · | ♂ | 4 | ħ |)f(| 卉 | В | ß | Ω | Ç | ę, | Day |
|------|----------|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|-----------------|------|
| W 1 | 12 39 43 | 11 Y 34'08 | 24 Mp 46 | 17 Y 18 | 14841 | 14≈48 | 28) (38 | 9°R26 | 0947 | 29°R35 | 11°R38 | 20°R12 | 20 Y 55 | 5 m /36 | 20) 1 | W 1 |
| T 2 | 12 43 39 | 12°34'07 | 6 ≏ 45 | 19°15 | 15°54 | 15°30 | 28°52 | 9 х 25 | 0°49 | 29 х 34 | 11 ≏ 37 | 20 Υ 12 | 20°52 | 5°43 | 20° 4 | T 2 |
| F 3 | 12 47 36 | 13°34'04 | 18°51 | 21°13 | 17° 7 | 16°13 | 29° 6 | 9°23 | 0°50 | 29°34 | 11°35 | 20°D12 | 20°49 | 5°50 | 20° 8 | F 3 |
| S 4 | 12 51 32 | 14°33'59 | 1 M 6 | 23°10 | 18°19 | 16°56 | 29°21 | 9°21 | 0°51 | 29°34 | 11°33 | 20°12 | 20°46 | 5°56 | 20°12 | S 4 |
| S 5 | 12 55 29 | 15°33'53 | 13°32 | 25° 7 | 19°32 | 17°39 | 29°35 | 9°20 | 0°53 | 29°34 | 11°32 | 20°12 | 20°43 | 6° 3 | 20°16 | S 5 |
| M 6 | 12 59 26 | 16°33'45 | 26°10 | 27° 3 | 20°44 | 18°22 | 29°49 | 9°18 | 0°54 | 29°34 | 11°30 | 20°12 | 20°39 | 6°10 | 20°20 | M 6 |
| T 7 | 13 3 22 | 17°33'35 | 9 × 1 | 28°58 | 21°56 | 19° 5 | 0 Υ 3 | 9°16 | 0°55 | 29°34 | 11°29 | 20°13 | 20°36 | 6°16 | 20°23 | T 7 |
| W 8 | 13 7 19 | 18°33'24 | 2 <u>2</u> ° 8 | 0 8 52 | 23° 9 | 19°48 | 0°17 | 9°14 | 0°57 | 29°34 | 11°27 | 20°13 | 20°33 | 6°23 | 20°27 | W 8 |
| T 9 | 13 11 15 | 19°33'11 | 5 る 32 | 2°44 | 24°21 | 20°31 | 0°31 | 9°12 | 0°59 | 29°33 | 11°25 | 20°13 | 20°30 | 6°30 | 20°31 | T 9 |
| F 10 | 13 15 12 | 20°32'56 | 19°13 | 4°33 | 25°33 | 21°14 | 0°45 | 9°10 | 1° 0 | 29°33 | 11°24 | 20°13 | 20°27 | 6°36 | 20°34 | F 10 |
| S 11 | 13 19 8 | 21°32'40 | 3≈12 | 6°20 | 26°45 | 21°57 | 0°59 | 9° 8 | 1° 2 | 29°33 | 11°22 | 20°13 | 20°24 | 6°43 | 20°38 | S 11 |
| S 12 | 13 23 5 | 22°32'22 | 17°28 | 8° 4 | 27°57 | 22°41 | 1°13 | 9° 5 | 1° 4 | 29°32 | 11°21 | 20°13 | 20°20 | 6°50 | 20°42 | S 12 |
| M13 | 13 27 1 | 23°32'03 | 2) 0 | 9°45 | 29° 9 | 23°24 | 1°27 | 9° 3 | 1° 5 | 29°32 | 11°19 | 20°14 | 20°17 | 6°57 | 20°45 | M13 |
| T 14 | 13 30 58 | 24°31'42 | 16°42 | 11°21 | 0Д21 | 24° 7 | 1°41 | 9° 0 | 1° 7 | 29°31 | 11°17 | 20°14 | 20°14 | 7° 3 | 20°49 | T 14 |
| W15 | 13 34 55 | 25°31'19 | 1 Y 29 | 12°53 | 1°32 | 24°50 | 1°55 | 8°58 | 1° 9 | 29°31 | 11°16 | 20°14 | 20°11 | 7°10 | 20°52 | W15 |
| T 16 | 13 38 51 | 26°30'54 | 16°15 | 14°19 | 2°44 | 25°33 | 2° 9 | 8°55 | 1°11 | 29°31 | 11°14 | 20°R14 | 20° 8 | 7°17 | 20°56 | T 16 |
| F 17 | 13 42 48 | 27°30'27 | 0852 | 15°41 | 3°56 | 26°16 | 2°23 | 8°52 | 1°13 | 29°30 | 11°13 | 20°14 | 20° 4 | 7°23 | 20°59 | F 17 |
| S 18 | 13 46 44 | 28°29'59 | 15°13 | 16°57 | 5° 7 | 26°59 | 2°37 | 8°50 | 1°15 | 29°29 | 11°11 | 20°14 | 20° 1 | 7°30 | 21° 3 | S 18 |
| S 19 | 13 50 41 | 29°29'28 | 29°14 | 18° 6 | 6°18 | 27°43 | 2°50 | 8°47 | 1°17 | 29°29 | 11°10 | 20°13 | 19°58 | 7°37 | 21° 6 | S 19 |
| M20 | 13 54 37 | 0 8 28'56 | 12 Ⅲ 52 | 19°10 | 7°30 | 28°26 | 3° 4 | 8°44 | 1°19 | 29°28 | 11° 8 | 20°12 | 19°55 | 7°43 | 21° 9 | M20 |
| T 21 | 13 58 34 | 1°28'21 | 26° 5 | 20° 7 | 8°41 | 29° 9 | 3°18 | 8°40 | 1°21 | 29°28 | 11° 7 | 20°10 | 19°52 | 7°50 | 21°13 | T 21 |
| W22 | 14 2 30 | 2°27'44 | 8 9 55 | 20°57 | 9°52 | 29°52 | 3°31 | 8°37 | 1°23 | 29°27 | 11° 5 | 20° 9 | 19°49 | 7°57 | 21°16 | W22 |
| T 23 | 14 6 27 | 3°27'05 | 21°25 | 21°40 | 11° 3 | 0 ∺ 36 | 3°45 | 8°34 | 1°25 | 29°26 | 11° 4 | 20° 8 | 19°45 | 8° 3 | 21°19 | T 23 |
| F 24 | 14 10 24 | 4°26'23 | 3 Ω 37 | 22°16 | 12°14 | 1°19 | 3°58 | 8°31 | 1°28 | 29°25 | 11° 2 | 20°D 8 | 19°42 | 8°10 | 21°22 | F 24 |
| S 25 | 14 14 20 | 5°25'40 | 15°37 | 22°45 | 13°25 | 2° 2 | 4°12 | 8°27 | 1°30 | 29°25 | 11° 1 | 20° 8 | 19°39 | 8°17 | 21°26 | S 25 |
| S 26 | 14 18 17 | 6°24'54 | 27°30 | 23° 6 | 14°35 | 2°46 | 4°25 | 8°24 | 1°32 | 29°24 | 10°59 | 20° 9 | 19°36 | 8°23 | 21°29 | S 26 |
| M27 | 14 22 13 | 7°24'05 | 9 m 19 | 23°21 | 15°46 | 3°29 | 4°39 | 8°20 | 1°34 | 29°23 | 10°58 | 20°10 | 19°33 | 8°30 | 21°32 | M27 |
| T 28 | 14 26 10 | 8°23'15 | 21°10 | 23°28 | 16°57 | 4°12 | 4°52 | 8°17 | 1°37 | 29°22 | 10°57 | 20°12 | 19°30 | 8°37 | 21°35 | T 28 |
| W29 | 14 30 6 | 9°22'22 | 3 ₾ 7 | 23°R29 | 18° 7 | 4°55 | 5° 5 | 8°13 | 1°39 | 29°21 | 10°55 | 20°13 | 19°26 | 8°43 | 21°38 | W29 |
| T 30 | 14 34 3 | 10821'27 | 15 ≏ 13 | 23822 | 19 Ⅱ 17 | 5) (39 | 5 Υ 18 | 8 × 7 9 | 19542 | 29 × 20 | 10 ≏ 54 | 20°R14 | 19 Y 23 | 8 m 50 | 21) (41 | T 30 |

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|------|----------|------------------|----------------|----------------|----------------|----------------|----------------|---------------|-------|----------------|----------------|----------------|----------------|-----------------|------------------|------|
| F 1 | 14 37 59 | 11820'31 | 27 <u>₽</u> 30 | 23°R10 | 20耳27 | 6) €22 | 5 Υ 31 | 8°R 6 | 19544 | 29°R20 | 10°R53 | 20°R14 | 19 Y 20 | 8 m 57 | 21) (44 | F 1 |
| S 2 | 14 41 56 | 12°19'32 | 10 M 0 | 22 8 51 | 21°37 | 7° 6 | 5°44 | 8 √ 2 | 1°47 | 29 × 19 | 10 ≏ 51 | 20 Υ 13 | 19°17 | 9° 3 | 21°47 | S 2 |
| S 3 | 14 45 53 | 13°18'31 | 22°45 | 22°27 | 22°47 | 7°49 | 5°57 | 7°58 | 1°49 | 29°18 | 10°50 | 20°10 | 19°14 | 9°10 | 21°50 | S 3 |
| M 4 | 14 49 49 | 14°17'29 | 5 × 745 | 21°58 | 23°57 | 8°32 | 6°10 | 7°54 | 1°52 | 29°17 | 10°49 | 20° 7 | 19°10 | 9°17 | 21°52 | M 4 |
| T 5 | 14 53 46 | 15°16'24 | 18°59 | 21°25 | 25° 7 | 9°16 | 6°23 | 7°50 | 1°55 | 29°16 | 10°47 | 20° 3 | 19° 7 | 9°23 | 21°55 | T 5 |
| W 6 | 14 57 42 | 16°15'18 | 2 ප 27 | 20°47 | 26°16 | 9°59 | 6°36 | 7°46 | 1°57 | 29°15 | 10°46 | 19°59 | 19° 4 | 9°30 | 21°58 | W 6 |
| T 7 | 15 1 39 | 17°14'10 | 16° 6 | 20° 7 | 27°26 | 10°43 | 6°49 | 7°42 | 2° 0 | 29°13 | 10°45 | 19°56 | 19° 1 | 9°37 | 22° 1 | T 7 |
| F 8 | 15 5 35 | 18°13'01 | 29°56 | 19°25 | 28°35 | 11°26 | 7° 1 | 7°38 | 2° 3 | 29°12 | 10°44 | 19°54 | 18°58 | 9°44 | 22° 3 | F 8 |
| S 9 | 15 9 32 | 19°11'50 | 13≈56 | 18°42 | 29°44 | 12° 9 | 7°14 | 7°34 | 2° 5 | 29°11 | 10°42 | 19°D52 | 18°55 | 9°50 | 22° 6 | S 9 |
| S 10 | 15 13 28 | 20°10'37 | 28° 4 | 17°58 | 0953 | 12°53 | 7°26 | 7°29 | 2° 8 | 29°10 | 10°41 | 19°53 | 18°51 | 9°57 | 22° 9 | S 10 |
| M11 | 15 17 25 | 21° 9'22 | 12 米 19 | 17°15 | 2° 2 | 13°36 | 7°39 | 7°25 | 2°11 | 29° 9 | 10°40 | 19°54 | 18°48 | 10° 4 | 22°11 | M11 |
| T 12 | 15 21 22 | 22° 8'06 | 26°38 | 16°33 | 3°11 | 14°20 | 7°51 | 7°21 | 2°14 | 29° 8 | 10°39 | 19°55 | 18°45 | 10°10 | 22°14 | T 12 |
| W13 | 15 25 18 | 23° 6'48 | 10 Y 58 | 15°53 | 4°19 | 15° 3 | 8° 4 | 7°17 | 2°17 | 29° 6 | 10°38 | 19°56 | 18°42 | 10°17 | 22°16 | W13 |
| T 14 | 15 29 15 | 24° 5'29 | 25°17 | 15°15 | 5°28 | 15°47 | 8°16 | 7°12 | 2°20 | 29° 5 | 10°37 | 19°R56 | 18°39 | 10°24 | 22°18 | T 14 |
| F 15 | 15 33 11 | 25° 4'08 | 9829 | 14°41 | 6°36 | 16°30 | 8°28 | 7° 8 | 2°23 | 29° 4 | 10°36 | 19°55 | 18°36 | 10°30 | 22°21 | F 15 |
| S 16 | 15 37 8 | 26° 2'45 | 23°31 | 14°10 | 7°44 | 17°14 | 8°40 | 7° 3 | 2°26 | 29° 3 | 10°35 | 19°52 | 18°32 | 10°37 | 22°23 | S 16 |
| S 17 | 15 41 4 | 27° 1'20 | 7 I I19 | 13°43 | 8°52 | 17°57 | 8°52 | 6°59 | 2°29 | 29° 1 | 10°34 | 19°47 | 18°29 | 10°44 | 22°25 | S 17 |
| M18 | 15 45 1 | 27°59'54 | 20°49 | 13°21 | 10° 0 | 18°41 | 9° 4 | 6°54 | 2°32 | 29° 0 | 10°33 | 19°41 | 18°26 | 10°50 | 22°27 | M18 |
| T 19 | 15 48 57 | 28°58'26 | 3959 | 13° 3 | 11° 8 | 19°24 | 9°16 | 6°50 | 2°35 | 28°59 | 10°32 | 19°34 | 18°23 | 10°57 | 22°30 | T 19 |
| W20 | 15 52 54 | 29°56'55 | 16°48 | 12°50 | 12°16 | 20° 7 | 9°27 | 6°45 | 2°38 | 28°57 | 10°31 | 19°28 | 18°20 | 11° 4 | 22°32 | W20 |
| T 21 | 15 56 51 | 0 Ⅱ 55'23 | 29°19 | 12°41 | 13°23 | 20°51 | 9°39 | 6°41 | 2°41 | 28°56 | 10°30 | 19°22 | 18°16 | 11°10 | 22°34 | T 21 |
| F 22 | 16 0 47 | 1°53'48 | 11.033 | 12°D38 | 14°30 | 21°34 | 9°51 | 6°36 | 2°44 | 28°55 | 10°29 | 19°18 | 18°13 | 11°17 | 22°36 | F 22 |
| S 23 | 16 4 44 | 2°52'12 | 23°34 | 12°39 | 15°37 | 22°18 | 10° 2 | 6°32 | 2°47 | 28°53 | 10°28 | 19°16 | 18°10 | 11°24 | 22°38 | S 23 |
| S 24 | 16 8 40 | 3°50'33 | 5 m 27 | 12°45 | 16°44 | 23° 1 | 10°13 | 6°27 | 2°50 | 28°52 | 10°27 | 19°D16 | 18° 7 | 11°30 | 22°39 | S 24 |
| M25 | 16 12 37 | 4°48'53 | 17°17 | 12°56 | 17°51 | 23°44 | 10°25 | 6°23 | 2°54 | 28°50 | 10°27 | 19°16 | 18° 4 | 11°37 | 22°41 | M25 |
| T 26 | 16 16 33 | 5°47'10 | 29° 8 | 13°12 | 18°57 | 24°28 | 10°36 | 6°18 | 2°57 | 28°49 | 10°26 | 19°18 | 18° 1 | 11°44 | 22°43 | T 26 |
| W27 | 16 20 30 | 6°45'26 | 11 ♀ 7 | 13°32 | 20° 3 | 25°11 | 10°47 | 6°14 | 3° 0 | 28°47 | 10°25 | 19°19 | 17°57 | 11°50 | 22°45 | W27 |
| T 28 | 16 24 26 | 7°43'39 | 23°18 | 13°57 | 21° 9 | 25°55 | 10°58 | 6° 9 | 3° 3 | 28°46 | 10°24 | 19°R19 | 17°54 | 11°57 | 22°46 | T 28 |
| F 29 | 16 28 23 | 8°41'51 | 5 M .44 | 14°26 | 22°15 23°21 | 26°38 | 11° 9 | 6° 5 | 3° 7 | 28°44 | 10°24 | 19°18 | 17°51 | 12° 4 | 22°48 22°50 | F 29 |
| S 30 | 16 32 20 | 9°40'01 | 18°27 | 14°59 | | 27°21 | 11°19 | 6° 0 | 3°10 | 28°43 | 10°23 | 19°14 | 17°48 | 12°10 | | S 30 |
| S 31 | 16 36 16 | 10耳38'09 | 1 ₹ 31 | 15 8 36 | 249526 | 28 米 5 | 11 Y 30 | 5 ₹ 55 | 39513 | 28 × 41 | 10 ≏ 22 | 19 ⋎ 9 | 17 Ƴ 45 | 12 M)17 | 22 米 51 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)ұ(| 卉 | В | N. | v | Ç | Ş, | Day |
| M 1 | 16 40 13 | 11 II 36'16 | 14 × 753 | 16816 | 25931 | 28) (48 | 11 Y 41 | 5°R51 | 39516 | 28°R40 | 10°R22 | 19°R 1 | 17 Y 42 | 12 m /24 | 22 米 53 | M 1 |
| T 2 | 16 44 9 | 12°34'21 | 28°33 | 17° 1 | 26°36 | 29°31 | 11°51 | 5 ₹ 46 | 3°20 | 28 × 38 | 10 ≏ 21 | 18 Y 52 | 17°38 | 12°30 | 22°54 | T 2 |
| W 3 | 16 48 6 | 13°32'25 | 12 る 27 | 17°49 | 27°41 | 0 Υ 14 | 12° 1 | 5°42 | 3°23 | 28°37 | 10°21 | 18°44 | 17°35 | 12°37 | 22°55 | W 3 |
| T 4 | 16 52 2 | 14°30'27 | 26°31 | 18°40 | 28°46 | 0°58 | 12°12 | 5°37 | 3°27 | 28°35 | 10°20 | 18°36 | 17°32 | 12°44 | 22°57 | T 4 |
| F 5 | 16 55 59 | 15°28'28 | 10≈41 | 19°35 | 29°50 | 1°41 | 12°22 | 5°33 | 3°30 | 28°34 | 10°20 | 18°29 | 17°29 | 12°50 | 22°58 | F 5 |
| S 6 | 16 59 56 | 16°26'28 | 24°54 | 20°33 | 0 Ω 54 | 2°24 | 12°32 | 5°29 | 3°33 | 28°32 | 10°19 | 18°25 | 17°26 | 12°57 | 22°59 | S 6 |
| S 7 | 17 3 52 | 17°24'26 | 9 米 6 | 21°34 | 1°57 | 3° 7 | 12°42 | 5°24 | 3°37 | 28°31 | 10°19 | 18°23 | 17°22 | 13° 4 | 23° 0 | S 7 |
| M 8 | 17 7 49 | 18°22'23 | 23°15 | 22°38 | 3° 1 | 3°51 | 12°52 | 5°20 | 3°40 | 28°29 | 10°18 | 18°D23 | 17°19 | 13°10 | 23° 1 | M 8 |
| T 9 | 17 11 45 | 19°20'19 | 7 Υ 20 | 23°45 | 4° 4 | 4°34 | 13° 1 | 5°15 | 3°44 | 28°27 | 10°18 | 18°24 | 17°16 | 13°17 | 23° 2 | T 9 |
| W10 | 17 15 42 | 20°18'14 | 21°19 | 24°54 | 5° 7 | 5°17 | 13°11 | 5°11 | 3°47 | 28°26 | 10°18 | 18°R24 | 17°13 | 13°24 | 23° 3 | W10 |
| T 11 | 17 19 38 | 21°16'07 | 5 8 13 | 26° 6 | 6°10 | 6° 0 | 13°20 | 5° 7 | 3°50 | 28°24 | 10°17 | 18°23 | 17°10 | 13°30 | 23° 4 | T 11 |
| F 12 | 17 23 35 | 22°14'00 | 19° 0 | 27°21 | 7°12 | 6°43 | 13°29 | 5° 2 | 3°54 | 28°23 | 10°17 | 18°19 | 17° 7 | 13°37 | 23° 5 | F 12 |
| S 13 | 17 27 31 | 23°11'51 | 2 Ⅱ 37 | 28°39 | 8°14 | 7°26 | 13°39 | 4°58 | 3°57 | 28°21 | 10°17 | 18°13 | 17° 3 | 13°44 | 23° 6 | S 13 |
| S 14 | 17 31 28 | 24° 9'41 | 16° 3 | 29°59 | 9°16 | 8° 9 | 13°48 | 4°54 | 4° 1 | 28°19 | 10°17 | 18° 4 | 17° 0 | 13°50 | 23° 6 | S 14 |
| M15 | 17 35 25 | 25° 7'30 | 29°15 | 1 Ⅲ 22 | 10°17 | 8°52 | 13°57 | 4°50 | 4° 4 | 28°18 | 10°16 | 17°54 | 16°57 | 13°57 | 23° 7 | M15 |
| T 16 | 17 39 21 | 26° 5'18 | 129512 | 2°47 | 11°18 | 9°35 | 14° 5 | 4°46 | 4° 8 | 28°16 | 10°16 | 17°42 | 16°54 | 14° 4 | 23° 8 | T 16 |
| W17 | 17 43 18 | 27° 3'04 | 24°53 | 4°15 | 12°19 | 10°18 | 14°14 | 4°42 | 4°11 | 28°14 | 10°16 | 17°31 | 16°51 | 14°10 | 23° 8 | W17 |
| T 18 | 17 47 14 | 28° 0'49 | 7 Ω 18 | 5°45 | 13°19 | 11° 1 | 14°23 | 4°38 | 4°15 | 28°13 | 10°16 | 17°20 | 16°48 | 14°17 | 23° 9 | T 18 |
| F 19 | 17 51 11 | 28°58'32 | 19°29 | 7°18 | 14°19 | 11°44 | 14°31 | 4°34 | 4°18 | 28°11 | 10°16 | 17°12 | 16°44 | 14°24 | 23° 9 | F 19 |
| S 20 | 17 55 7 | 29°56'14 | 1 m) 28 | 8°53 | 15°19 | 12°26 | 14°39 | 4°30 | 4°22 | 28°10 | 10°D16 | 17° 6 | 16°41 | 14°30 | 23° 9 | S 20 |
| S 21 | 17 59 4 | 0953'55 | 13°20 | 10°30 | 16°18 | 13° 9 | 14°47 | 4°26 | 4°25 | 28° 8 | 10°16 | 17° 3 | 16°38 | 14°37 | 23°10 | S 21 |
| M22 | 18 3 0 | 1°51'34 | 25° 9 | 12°10 | 17°17 | 13°52 | 14°55 | 4°22 | 4°29 | 28° 6 | 10°16 | 17° 1 | 16°35 | 14°44 | 23°10 | M22 |
| T 23 | 18 6 57 | 2°49'12 | 7 ≏ 1 | 13°52 | 18°15 | 14°34 | 15° 3 | 4°18 | 4°33 | 28° 5 | 10°16 | 17°D 1 | 16°32 | 14°50 | 23°10 | T 23 |
| W24 | 18 10 54 | 3°46'48 | 19° 0 | 15°36 | 19°13 | 15°17 | 15°11 | 4°15 | 4°36 | 28° 3 | 10°16 | 17°R 1 | 16°28 | 14°57 | 23°10 | W24 |
| T 25 | 18 14 50 | 4°44'23 | 1 m 11 | 17°23 | 20°10 | 16° 0 | 15°19 | 4°11 | 4°40 | 28° 2 | 10°16 | 17° 1 | 16°25 | 15° 4 | 23°10 | T 25 |
| F 26 | 18 18 47 | 5°41'57 | 13°41 | 19°13 | 21° 7 | 16°42 | 15°26 | 4° 8 | 4°43 | 28° 0 | 10°17 | 16°58 | 16°22 | 15°10 | 23°R10 | F 26 |
| S 27 | 18 22 43 | 6°39'29 | 26°33 | 21° 4 | 22° 4 | 17°24 | 15°33 | 4° 4 | 4°47 | 27°58 | 10°17 | 16°53 | 16°19 | 15°17 | 23°10 | S 27 |
| S 28 | 18 26 40 | 7°37'01 | 9 ∡ 748 | 22°58 | 23° 0 | 18° 7 | 15°40 | 4° 1 | 4°50 | 27°57 | 10°17 | 16°46 | 16°16 | 15°24 | 23°10 | S 28 |
| M29 | 18 30 36 | 8°34'31 | 2 <u>3°</u> 27 | 24°54 | 23°56 | 18°49 | 15°47 | 3°57 | 4°54 | 27°55 | 10°17 | 16°36 | 16°13 | 15°30 | 23°10 | M29 |
| T 30 | 18 34 33 | 9932'01 | 7 云 29 | 26耳53 | 24 Ω 51 | 19 Y 31 | 15 Y 54 | 3 ₹ 54 | 4957 | 27 ×7 54 | 10 ≏ 18 | 16 Y 25 | 16 ⋎ 9 | 15 M y37 | 23 米 10 | T 30 |

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|--------------|----------------------|-----------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------|
| W 1 | 18 38 30 | 109529'29 | 21 る 49 | 28 II 53 | 25 Ω 45 | 20 Υ 14 | 16 ℃ 1 | 3°R51 | 5 9 1 | 27°R52 | 10 ≏ 18 | 16°R14 | 16 Y 6 | 15 M y44 | 23°R 9 | W 1 |
| T 2 | 18 42 26 | 11°26'57 | 6≈19 | 0956 | 26°39 | 20°56 | 16° 7 | 3 ∡ 748 | 5° 4 | 27 × 750 | 10°18 | 16 ℃ 3 | 16° 3 | 15°50 | 23 ★ 9 | T 2 |
| F 3 | 18 46 23 | 12°24'24 | 20°55 | 3° 0 5° 7 | 27°32 | 21°38 | 16°14 | 3°45 | 5° 8 | 27°49 | 10°19 | 15°54 | 16° 0 | 15°57 | 23° 9 | F 3 |
| S 4 | 18 50 19 | 13°21'50 | 5 ∺ 28 | , | 28°25 | 22°20 | 16°20 | 3°42 | 5°11 | 27°47 | 10°19 | 15°48 | 15°57 | 16° 4 | 23° 8 | S 4 |
| S 5 | 18 54 16 | 14°19'15 | 19°54 | 7°14 | 29°17 | 23° 2 | 16°26 | 3°39 | 5°15 | 27°46 | 10°20 | 15°45 | 15°54 | 16°10 | 23° 8 | S 5 |
| M 6 | 18 58 12 | 15°16'41 | 4Υ10 | 9°23 | 0 m 8 | 23°44 | 16°32 | 3°36 | 5°18 | 27°44 | 10°20 | 15°44 | 15°50 | 16°17 | 23° 7 | M 6 |
| T 7 | 19 2 9 | 16°14'05 | 18°13 | 11°34 | 0°59 | 24°26 25° 7 | 16°38 | 3°33 | 5°22 | 27°43 | 10°21 | 15°44 | 15°47 | 16°24 | 23° 7 | T 7 |
| W 8 T 9 | 19 6 5 19 10 2 | 17°11'30 18° 8'54 | 2 8 3 | 13°45 15°56 | 1°49 2°38 | 25° / 25°49 | 16°43 16°49 | 3°31 3°28 | 5°25 5°29 | 27°41 27°40 | 10°21 10°22 | 15°44 15°42 | 15°44 15°41 | 16°30 16°37 | 23° 6 23° 5 | W 8 T 9 |
| F 10 | 19 10 2 | 19° 6'17 | 29° 7 | 18° 8 | 3°27 | 26°31 | 16°54 | 3°26 | 5°32 | 27°38 | 10°22 | 15°38 | 15°38 | 16°44 | 23° 4 | F 10 |
| S 11 | 19 17 55 | 20° 3'41 | 12 II 22 | 20°21 | 4°15 | 27°12 | 16°59 | 3°23 | 5°36 | 27°37 | 10°23 | 15°31 | 15°34 | 16°50 | 23° 4 | S 11 |
| S 12 | 19 21 52 | 21° 1'03 | 25°25 | 22°32 | 5° 2 | 27°54 | 17° 4 | 3°21 | 5°39 | 27°35 | 10°24 | 15°21 | 15°31 | 16°57 | 23° 3 | S 12 |
| M13 | 19 25 48 | 21°58'26 | 89917 | 24°44 | 5°48 | 28°35 | 17° 8 | 3°19 | 5°42 | 27°34 | 10°24 | 15° 9 | 15°28 | 17° 4 | 23° 2 | M13 |
| T 14 | 19 29 45 | 22°55'48 | 20°57 | 26°54 | 6°34 | 29°16 | 17°13 | 3°16 | 5°46 | 27°32 | 10°25 | 14°56 | 15°25 | 17°10 | 23° 1 | T 14 |
| W15 | 19 33 41 | 23°53'10 | 3€24 | 29° 4 | 7°18 | 29°57 | 17°17 | 3°14 3°12 | 5°49 5°53 | 27°31 27°30 | 10°26 | 14°43 | 15°22 | 17°17 | 23° 0 22°58 | W15 |
| T 16 F 17 | 19 37 38 19 41 34 | 24°50'30 25°47'51 | 15°39 27°43 | 1Ω13 3°20 | 8° 2 8°44 | 0 8 38 | 17°21 17°25 | 3°12 3°10 | 5°56 | 27°28 | 10°27 10°27 | 14°31 14°22 | 15°19 15°15 | 17°24 17°30 | 22°57 | T 16 F 17 |
| S 18 | 19 41 34 | 26°45'11 | 9 m 38 | 5°25 | 9°26 | 2° 0 | 17°29 | 3° 9 | 5°59 | 27°27 | 10°28 | 14°15 | 15°12 | 17°37 | 22°56 | S 18 |
| S 19 | 19 49 28 | 27°42'30 | 21°27 | 7°29 | 10° 6 | 2°41 | 17°33 | 3° 7 | 6° 3 | 27°25 | 10°29 | 14°10 | 15° 9 | 17°44 | 22°55 | S 19 |
| M20 | 19 53 24 | 28°39'49 | 3 ₾ 15 | 9°31 | 10°46 | 3°21 | 17°36 | 3° 5 | 6° 6 | 27°24 | 10°30 | 14° 8 | 15° 6 | 17°50 | 22°53 | M20 |
| T 21 | 19 57 21 | 29°37'07 | 15° 5 | 11°32 | 11°24 | 4° 2 | 17°40 | 3° 4 | 6° 9 | 27°23 | 10°31 | 14°D 8 | 15° 3 | 17°57 | 22°52 | T 21 |
| W22 T 23 | 20 1 17 20 5 14 | 0 Ω 34'24 1°31'41 | 27° 2 9 M ₁ 3 | 13°30 15°26 | 12° 1 12°37 | 4°42 5°23 | 17°43 | 3° 2 3° 1 | 6°13 6°16 | 27°21 27°20 | 10°32 10°33 | 14°R 8 14° 8 | 15° 0 | 18° 4 18°10 | 22°51 22°49 | W22 T 23 |
| F 24 | 20 5 14 20 9 10 | 2°28'58 | 21°42 | 13°26 | 13°12 | 6° 3 | 17°46 17°48 | 3° 0 | 6°19 | 27°20 27°19 | 10°33 | 14° 8 14° 6 | 14°56 14°53 | 18°17 | 22°49 22°48 | F 24 |
| S 25 | 20 13 7 | 3°26'14 | 4 × ⁷ 35 | 19°13 | 13°45 | 6°43 | 17°51 | 2°59 | 6°22 | 27°18 | 10°35 | 14° 2 | 14°50 | 18°24 | 22°46 | S 25 |
| S 26 | 20 17 3 | 4°23'30 | 17°54 | 21° 3 | 14°17 | 7°23 | 17°53 | 2°58 | 6°26 | 27°16 | 10°36 | 13°56 | 14°47 | 18°30 | 22°44 | S 26 |
| M27 | 20 21 0 | 5°20'46 | 1 る 40 | 22°52 | 14°48 | 8° 3 | 17°55 | 2°57 | 6°29 | 27°15 | 10°37 | 13°48 | 14°44 | 18°37 | 22°43 | M27 |
| T 28 | 20 24 57 | 6°18'01 | 15°54 | 24°38 | 15°17 | 8°42 | 17°57 | 2°56 | 6°32 | 27°14 | 10°38 | 13°39 | 14°40 | 18°44 | 22°41 | T 28 |
| W29 | 20 28 53 | 7°15'16 | 0≈29 | 26°22 | 15°44 | 9°22 | 17°59 | 2°55 | 6°35 | 27°13 | 10°40 | 13°29 | 14°37 | 18°50 | 22°39 | W29 |
| T 30 F 31 | 20 32 50 20 36 46 | 8°12'31 9 Ω 9'46 | 15°20 0 ₩ 18 | 28° 4 29 Ω 44 | 16°10 16 m 35 | 10° 1 10 8 41 | 18° 1 18 ° 2 | 2°54 2 × 754 | 6°38 6 © 41 | 27°12 27 × 11 | 10°41 10 Ω 42 | 13°20 13 ° 12 | 14°34 14 ° 31 | 18°57 19 m 4 | 22°37 22) 36 | T 30 F 31 |
| 1. 21 | 20 30 40 | 3 66 3 40 | 0)(10 | 470644 | CCVIIOT | 10041 | 101 2 | 2 x ·34 | 1405 | 4/X.11 | 10=42 | 13 12 | 14 31 | 4 קוולנ | 22 八 30 | 1, 21 |

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|------|----------|--------------------|----------------|-----------------|----------------|----------------|---------------|---------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 20 40 43 | 10 0 7'01 | 15 米 14 | 1 m) 21 | 16 m 57 | 11820 | 18 ° 3 | 2°R53 | 6945 | 27°R10 | 10 ≏ 43 | 13°R 7 | 14 Y 28 | 19 m 10 | 22°R34 | S 1 |
| S 2 | 20 44 39 | 11° 4'17 | 29°59 | 2°57 | 17°18 | 11°59 | 18° 4 | 2 ₹ 53 | 6°48 | 27 ×7 9 | 10°45 | 13 Y 5 | 14°25 | 19°17 | 22) 32 | S 2 |
| M 3 | 20 48 36 | 12° 1'32 | 14 Y 30 | 4°31 | 17°37 | 12°38 | 18° 5 | 2°53 | 6°51 | 27° 7 | 10°46 | 13°D 4 | 14°21 | 19°24 | 22°30 | M 3 |
| T 4 | 20 52 33 | 12°58'48 | 28°42 | 6° 2 | 17°55 | 13°16 | 18° 6 | 2°52 | 6°54 | 27° 6 | 10°47 | 13° 4 | 14°18 | 19°30 | 22°28 | T 4 |
| W 5 | 20 56 29 | 13°56'05 | 12 8 34 | 7°32 | 18°10 | 13°55 | 18° 6 | 2°D52 | 6°57 | 27° 5 | 10°48 | 13°R 5 | 14°15 | 19°37 | 22°26 | W 5 |
| T 6 | 21 0 26 | 14°53'22 | 26° 7 | 8°59 | 18°23 | 14°33 | 18° 6 | 2°52 | 7° 0 | 27° 4 | 10°50 | 13° 4 | 14°12 | 19°44 | 22°23 | T 6 |
| F 7 | 21 4 22 | 15°50'40 | 9∏23 | 10°24 | 18°34 | 15°11 | 18°R 6 | 2°53 | 7° 3 | 27° 4 | 10°51 | 13° 2 | 14° 9 | 19°50 | 22°21 | F 7 |
| S 8 | 21 8 19 | 16°47'58 | 22°23 | 11°47 | 18°44 | 15°50 | 18° 6 | 2°53 | 7° 5 | 27° 3 | 10°53 | 12°57 | 14° 6 | 19°57 | 22°19 | S 8 |
| S 9 | 21 12 15 | 17°45'17 | 595 9 | 13°8 | 18°51 | 16°27 | 18° 6 | 2°53 | 7° 8 | 27° 2 | 10°54 | 12°50 | 14° 2 | 20° 4 | 22°17 | S 9 |
| M10 | 21 16 12 | 18°42'36 | 17°43 | 14°26 | 18°55 | 17° 5 | 18° 5 | 2°54 | 7°11 | 27° 1 | 10°56 | 12°42 | 13°59 | 20°10 | 22°15 | M10 |
| T 11 | 21 20 8 | 19°39'56 | 0Ω 6 | 15°42 | 18°58 | 17°43 | 18° 4 | 2°54 | 7°14 | 27° 0 | 10°57 | 12°32 | 13°56 | 20°17 | 22°12 | T 11 |
| W12 | 21 24 5 | 20°37'16 | 12°19 | 16°56 | 18°R58 | 18°20 | 18° 3 | 2°55 | 7°17 | 26°59 | 10°59 | 12°22 | 13°53 | 20°23 | 22°10 | W12 |
| T 13 | 21 28 2 | 21°34'36 | 24°22 | 18° 8 | 18°56 | 18°57 | 18° 2 | 2°55 | 7°20 | 26°58 | 11° 0 | 12°14 | 13°50 | 20°30 | 22° 7 | T 13 |
| F 14 | 21 31 58 | 22°31'57 | 6 M p19 | 19°17 | 18°52 | 19°34 | 18° 1 | 2°56 | 7°22 | 26°58 | 11° 2 | 12° 7 | 13°46 | 20°37 | 22° 5 | F 14 |
| S 15 | 21 35 55 | 23°29'18 | 18° 9 | 20°23 | 18°45 | 20°11 | 17°59 | 2°57 | 7°25 | 26°57 | 11° 3 | 12° 2 | 13°43 | 20°43 | 22° 3 | S 15 |
| S 16 | 21 39 51 | 24°26'40 | 29°56 | 21°27 | 18°36 | 20°47 | 17°57 | 2°58 | 7°28 | 26°56 | 11° 5 | 11°59 | 13°40 | 20°50 | 22° 0 | S 16 |
| M17 | 21 43 48 | 25°24'02 | 11 ≏ 43 | 22°28 | 18°25 | 21°23 | 17°55 | 2°59 | 7°30 | 26°56 | 11° 7 | 11°D58 | 13°37 | 20°57 | 21°58 | M17 |
| T 18 | 21 47 44 | 26°21'24 | 23°33 | 23°26 | 18°11 | 22° 0 | 17°53 | 3° 0 | 7°33 | 26°55 | 11° 8 | 11°58 | 13°34 | 21° 3 | 21°55 | T 18 |
| W19 | 21 51 41 | 27°18'47 | 5 M .31 | 24°21 | 17°55 | 22°35 | 17°51 | 3° 2 | 7°35 | 26°54 | 11°10 | 12° 0 | 13°31 | 21°10 | 21°52 | W19 |
| T 20 | 21 55 37 | 28°16'10 | 17°41 | 25°13 | 17°36 | 23°11 | 17°48 | 3° 3 | 7°38 | 26°54 | 11°12 | 12° 1 | 13°27 | 21°17 | 21°50 | T 20 |
| F 21 | 21 59 34 | 29°13'34 | 0 ≯ 8 | 26° 1 | 17°15 | 23°46 | 17°46 | 3° 5 | 7°41 | 26°53 | 11°13 | 12°R 2 | 13°24 | 21°23 | 21°47 | F 21 |
| S 22 | 22 3 31 | 0 m) 10'58 | 12°58 | 26°47 | 16°52 | 24°22 | 17°43 | 3° 6 | 7°43 | 26°53 | 11°15 | 12° 1 | 13°21 | 21°30 | 21°45 | S 22 |
| S 23 | 22 7 27 | 1° 8'23 | 26°13 | 27°29 | 16°27 | 24°57 | 17°40 | 3° 8 | 7°45 | 26°52 | 11°17 | 11°58 | 13°18 | 21°37 | 21°42 | S 23 |
| M24 | 22 11 24 | 2° 5'48 | 9 궁 57 | 28° 7 | 16° 0 | 25°31 | 17°36 | 3°10 | 7°48 | 26°52 | 11°19 | 11°54 | 13°15 | 21°43 | 21°39 | M24 |
| T 25 | 22 15 20 | 3° 3'13 | 24° 9 | 28°41 | 15°31 | 26° 6 | 17°33 | 3°12 | 7°50 | 26°51 | 11°20 | 11°49 | 13°12 | 21°50 | 21°37 | T 25 |
| W26 | 22 19 17 | 4° 0'39 | 8 ≈ 48 | 29°11 | 15° 0 | 26°40 | 17°29 | 3°14 | 7°52 | 26°51 | 11°22 | 11°43 | 13° 8 | 21°57 | 21°34 | W26 |
| T 27 | 22 23 13 | 4°58'06 | 23°46 | 29°37 | 14°28 | 27°14 | 17°26 | 3°16 | 7°55 | 26°50 | 11°24 | 11°38 | 13° 5 | 22° 3 | 21°31 | T 27 |
| F 28 | 22 27 10 | 5°55'33 | 8 ∺ 55 | 29°58 | 13°54 | 27°47 | 17°22 | 3°18 | 7°57 | 26°50 | 11°26 | 11°34 | 13° 2 | 22°10 | 21°28 | F 28 |
| S 29 | 22 31 6 | 6°53'01 | 24° 6 | 0 ჲ 15 | 13°19 | 28°21 | 17°17 | 3°20 | 7°59 | 26°50 | 11°28 | 11°31 | 12°59 | 22°17 | 21°25 | S 29 |
| S 30 | 22 35 3 | 7°50'31 | 9Υ 9 | 0°26 | 12°43 | 28°54 | 17°13 | 3°22 | 8° 1 | 26°50 | 11°30 | 11°D30 | 12°56 | 22°23 | 21°23 | S 30 |
| M31 | 22 39 0 | 8 M)48'01 | 23 Y 57 | ე ჲ 33 | 12 Mp 6 | 29 8 27 | 17 Ƴ 9 | 3 ∡ 25 | 8 9 3 | 26 ₹ 49 | 11 ≏ 31 | 11 Y 31 | 12 Y 52 | 22 Mp 30 | 21 米 20 | M31 |

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| T 1 | 22 42 56 | 9 m 45'33 | 8 8 23 | 0°R35 | 11°R29 | 29 8 59 | 17°R 4 | 3 ∡ 127 | 8 9 6 | 26°R49 | 11 ≏ 33 | 11 Y 32 | 12 Y 49 | 22 m 37 | 21°R17 | T 1 |
| W 2 | 22 46 53 | 10°43'05 | 22°25 | 0 ჲ 31 | 10 m 51 | 0Д32 | 16 Y 59 | 3°30 | 8° 8 | 26 ₹ 49 | 11°35 | 11°34 | 12°46 | 22°43 | 21) 14 | W 2 |
| T 3 | 22 50 49 | 11°40'40 | 6 I I 3 | 0°22 | 10°14 | 1° 3 | 16°54 | 3°33 | 8°10 | 26°49 | 11°37 | 11°R34 | 12°43 | 22°50 | 21°11 | T 3 |
| F 4 | 22 54 46 | 12°38'15 | 19°18 | 0° 7 | 9°37 | 1°35 | 16°49 | 3°36 | 8°12 | 26°49 | 11°39 | 11°34 | 12°40 | 22°57 | 21° 8 | F 4 |
| S 5 | 22 58 42 | 13°35'52 | 29512 | 29 m)47 | 9° 0 | 2° 6 | 16°43 | 3°38 | 8°13 | 26°49 | 11°41 | 11°33 | 12°37 | 23° 3 | 21° 5 | S 5 |
| S 6 | 23 2 39 | 14°33'31 | 14°49 | 29°22 | 8°24 | 2°37 | 16°38 | 3°41 | 8°15 | 26°48 | 11°43 | 11°31 | 12°33 | 23°10 | 21° 3 | S 6 |
| M 7 | 23 6 35 | 15°31'10 | 27°11 | 28°51 | 7°48 | 3° 8 | 16°32 | 3°44 | 8°17 | 26°D48 | 11°45 | 11°27 | 12°30 | 23°16 | 21° 0 | M 7 |
| T 8 | 23 10 32 | 16°28'51 | 9Ω 22 | 28°16 | 7°14 | 3°38 | 16°27 | 3°48 | 8°19 | 26°48 | 11°47 | 11°23 | 12°27 | 23°23 | 20°57 | T 8 |
| W 9 | 23 14 29 | 17°26'34 | 21°23 | 27°35 | 6°42 | 4° 8 | 16°21 | 3°51 | 8°21 | 26°48 | 11°49 | 11°19 | 12°24 | 23°30 | 20°54 | W 9 |
| T 10 | 23 18 25 | 18°24'17 | 3 m 18 | 26°51 | 6°10 | 4°38 | 16°15 | 3°54 | 8°22 | 26°49 | 11°51 | 11°15 | 12°21 | 23°36 | 20°51 | T 10 |
| F 11 | 23 22 22 | 19°22'02 | 15° 8 | 26° 4 | 5°41 | 5° 7 | 16° 8 | 3°58 | 8°24 | 26°49 | 11°53 | 11°12 | 12°18 | 23°43 | 20°48 | F 11 |
| S 12 | 23 26 18 | 20°19'48 | 26°56 | 25°14 | 5°13 | 5°35 | 16° 2 | 4° 1 | 8°26 | 26°49 | 11°55 | 11°11 | 12°14 | 23°50 | 20°45 | S 12 |
| S 13 | 23 30 15 | 21°17'35 | 8 ≏ 43 | 24°21 | 4°47 | 6° 4 | 15°55 | 4° 5 | 8°27 | 26°49 | 11°57 | 11°D10 | 12°11 | 23°56 | 20°42 | S 13 |
| M14 | 23 34 11 | 22°15'24 | 20°33 | 23°29 | 4°23 | 6°32 | 15°49 | 4° 8 | 8°29 | 26°49 | 11°59 | 11°10 | 12° 8 | 24° 3 | 20°39 | M14 |
| T 15 | 23 38 8 | 23°13'14 | 2 M 27 | 22°36 | 4° 1 | 6°59 | 15°42 | 4°12 | 8°30 | 26°49 | 12° 2 | 11°11 | 12° 5 | 24°10 | 20°36 | T 15 |
| W16 | 23 42 4 | 24°11'05 | 14°29 | 21°44 | 3°42 | 7°26 | 15°35 | 4°16 | 8°32 | 26°50 | 12° 4 | 11°13 | 12° 2 | 24°16 | 20°33 | W16 |
| T 17 | 23 46 1 | 25° 8'57 | 26°42 | 20°55 | 3°25 | 7°53 | 15°28 | 4°20 | 8°33 | 26°50 | 12° 6 | 11°14 | 11°58 | 24°23 | 20°30 | T 17 |
| F 18 | 23 49 57 | 26° 6'50 | 9 ~ 11 | 20°10 | 3°10 | 8°19 | 15°21 | 4°24 | 8°34 | 26°50 | 12° 8 | 11°15 | 11°55 | 24°30 | 20°27 | F 18 |
| S 19 | 23 53 54 | 27° 4'45 | 21°59 | 19°28 | 2°58 | 8°45 | 15°14 | 4°28 | 8°36 | 26°51 | 12°10 | 11°R16 | 11°52 | 24°36 | 20°25 | S 19 |
| S 20 | 23 57 51 | 28° 2'41 | 5 궁 10 | 18°52 | 2°47 | 9°10 | 15° 7 | 4°32 | 8°37 | 26°51 | 12°12 | 11°16 | 11°49 | 24°43 | 20°22 | S 20 |
| M21 | 0 1 47 | 29° 0'38 | 18°46 | 18°23 | 2°40 | 9°35 | 15° 0 | 4°36 | 8°38 | 26°51 | 12°14 | 11°15 | 11°46 | 24°50 | 20°19 | M21 |
| T 22 | 0 5 44 | 29°58'36 | 2≈48 | 18° 0 | 2°35 | 10° 0 | 14°52 | 4°41 | 8°39 | 26°52 | 12°16 | 11°14 | 11°43 | 24°56 | 20°16 | T 22 |
| W23 | 0 9 40 | 0₽56'35 | 17°16 | 17°45 | 2°32 | 10°24 | 14°45 | 4°45 | 8°40 | 26°52 | 12°19 | 11°13 | 11°39 | 25° 3 | 20°13 | W23 |
| T 24 | 0 13 37 | 1°54'36 | 2) 6 | 17°D38 | 2°D31 | 10°47 | 14°37 | 4°49 | 8°41 | 26°53 | 12°21 | 11°12 | 11°36 | 25°10 | 20°10 | T 24 |
| F 25 | 0 17 33 | 2°52'37 | 17°11 | 17°39 | 2°33 | 11°10 | 14°30 | 4°54 | 8°42 | 26°54 | 12°23 | 11°11 | 11°33 | 25°16 | 20° 7 | F 25 |
| S 26 | 0 21 30 | 3°50'41 | 2 Υ 23 | 17°49 | 2°37 | 11°32 | 14°22 | 4°59 | 8°43 | 26°54 | 12°25 | 11°10 | 11°30 | 25°23 | 20° 5 | S 26 |
| S 27 | 0 25 26 | 4°48'45 | 17°33 | 18° 7 | 2°44 | 11°54 | 14°14 | 5° 3 | 8°44 | 26°55 | 12°27 | 11°D10 | 11°27 | 25°30 | 20° 2 | S 27 |
| M28 | 0 29 23 | 5°46'52 | 2831 | 18°34 | 2°52 | 12°15 | 14° 6 | 5° 8 | 8°45 | 26°55 | 12°29 | 11°11 | 11°23 | 25°36 | 19°59 | M28 |
| T 29 | 0 33 20 | 6°45'00 | 17° 9 | 19° 9 | 3° 3 | 12°36 | 13°59 | 5°13 | 8°46 | 26°56 | 12°32 | 11°11 | 11°20 | 25°43 | 19°56 | T 29 |
| W30 | 0 37 16 | 7 ≏ 43'11 | 1 Ⅱ 23 | 19 m 53 | 3 Mp 16 | 12 Ⅱ 56 | 13 Y 51 | 5 ₹ 18 | 89546 | 26 × 757 | 12 ≏ 34 | 11 Y 11 | 11 Y 17 | 25 m /49 | 19 ∺ 53 | W30 |

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|------|---------|------------------|----------------|----------------|----------|-----------------|----------------|---------------|---------------|-----------------|----------------|----------------|----------------|----------|------------------|------|
| T 1 | 0 41 13 | 8 - 41′23 | 15 Ⅱ 11 | 20 m 44 | 3 Mp 31 | 13 II 16 | 13°R43 | 5 ₹ 23 | 8 9 47 | 26 ₹ 58 | 12 ≏ 36 | 11 Y 12 | 11 Y 14 | 25 Mp 56 | 19°R51 | T 1 |
| F 2 | 0 45 9 | 9°39'37 | 28°31 | 21°43 | 3°48 | 13°35 | 13 Y 35 | 5°28 | 8°48 | 26°58 | 12°38 | 11°12 | 11°11 | 26° 3 | 19) (48 | F 2 |
| S 3 | 0 49 6 | 10°37'53 | 119528 | 22°49 | 4° 7 | 13°53 | 13°27 | 5°33 | 8°48 | 26°59 | 12°40 | 11°12 | 11° 8 | 26° 9 | 19°45 | S 3 |
| S 4 | 0 53 2 | 11°36'12 | 24° 3 | 24° 2 | 4°27 | 14°11 | 13°19 | 5°38 | 8°49 | 27° 0 | 12°42 | 11°12 | 11° 4 | 26°16 | 19°43 | S 4 |
| M 5 | 0 56 59 | 12°34'32 | $6\Omega 20$ | 25°21 | 4°50 | 14°28 | 13°11 | 5°43 | 8°49 | 27° 1 | 12°45 | 11°12 | 11° 1 | 26°23 | 19°40 | M 5 |
| T 6 | 1 0 55 | 13°32'54 | 18°25 | 26°45 | 5°14 | 14°45 | 13° 3 | 5°48 | 8°50 | 27° 2 | 12°47 | 11°12 | 10°58 | 26°29 | 19°37 | T 6 |
| W 7 | 1 4 52 | 14°31'18 | 0 m 20 | 28°14 | 5°40 | 15° 1 | 12°55 | 5°54 | 8°50 | 27° 3 | 12°49 | 11°12 | 10°55 | 26°36 | 19°35 | W 7 |
| T 8 | 1 8 49 | 15°29'43 | 12° 9 | 29°47 | 6° 8 | 15°16 | 12°47 | 5°59 | 8°51 | 27° 4 | 12°51 | 11°13 | 10°52 | 26°43 | 19°32 | T 8 |
| F 9 | 1 12 45 | 16°28'11 | 23°57 | 1 ≏ 24 | 6°37 | 15°30 | 12°39 | 6° 4 | 8°51 | 27° 5 | 12°53 | 11°13 | 10°49 | 26°49 | 19°30 | F 9 |
| S 10 | 1 16 42 | 17°26'41 | 5 ≙ 45 | 3° 4 | 7° 8 | 15°44 | 12°31 | 6°10 | 8°51 | 27° 6 | 12°56 | 11°R13 | 10°45 | 26°56 | 19°27 | S 10 |
| S 11 | 1 20 38 | 18°25'12 | 17°36 | 4°47 | 7°40 | 15°57 | 12°23 | 6°16 | 8°51 | 27° 7 | 12°58 | 11°13 | 10°42 | 27° 3 | 19°25 | S 11 |
| M12 | 1 24 35 | 19°23'46 | 29°32 | 6°32 | 8°13 | 16° 9 | 12°15 | 6°21 | 8°51 | 27° 8 | 13° 0 | 11°13 | 10°39 | 27° 9 | 19°22 | M12 |
| T 13 | 1 28 31 | 20°22'21 | 11 M 35 | 8°19 | 8°48 | 16°21 | 12° 7 | 6°27 | 8°51 | 27° 9 | 13° 2 | 11°12 | 10°36 | 27°16 | 19°20 | T 13 |
| W14 | 1 32 28 | 21°20'58 | 23°48 | 10° 7 | 9°24 | 16°31 | 12° 0 | 6°33 | 8°R52 | 27°10 | 13° 4 | 11°11 | 10°33 | 27°23 | 19°18 | W14 |
| T 15 | 1 36 24 | 22°19'37 | 6 ₹ 12 | 11°56 | 10° 2 | 16°41 | 11°52 | 6°39 | 8°51 | 27°11 | 13° 7 | 11° 9 | 10°29 | 27°29 | 19°15 | T 15 |
| F 16 | 1 40 21 | 23°18'17 | 18°50 | 13°46 | 10°40 | 16°50 | 11°44 | 6°44 | 8°51 | 27°12 | 13° 9 | 11°8 | 10°26 | 27°36 | 19°13 | F 16 |
| S 17 | 1 44 17 | 24°16'59 | 1 る 43 | 15°36 | 11°20 | 16°59 | 11°37 | 6°50 | 8°51 | 27°14 | 13°11 | 11° 6 | 10°23 | 27°42 | 19°11 | S 17 |
| S 18 | 1 48 14 | 25°15'43 | 14°53 | 17°27 | 12° 1 | 17° 6 | 11°29 | 6°56 | 8°51 | 27°15 | 13°13 | 11° 6 | 10°20 | 27°49 | 19° 9 | S 18 |
| M19 | 1 52 11 | 26°14'28 | 28°24 | 19°17 | 12°43 | 17°13 | 11°22 | 7° 2 | 8°51 | 27°16 | 13°15 | 11°D 5 | 10°17 | 27°56 | 19° 7 | M19 |
| T 20 | 1 56 7 | 27°13'15 | 12≈15 | 21° 7 | 13°26 | 17°19 | 11°14 | 7° 8 | 8°51 | 27°17 | 13°17 | 11° 6 | 10°14 | 28° 2 | 19° 4 | T 20 |
| W21 | 2 0 4 | 28°12'04 | 26°27 | 22°56 | 14°10 | 17°24 | 11° 7 | 7°14 | 8°50 | 27°19 | 13°19 | 11° 7 | 10°10 | 28° 9 | 19° 2 | W21 |
| T 22 | 2 4 0 | 29°10'54 | 10 ∺ 59 | 24°45 | 14°55 | 17°28 | 11° 0 | 7°21 | 8°50 | 27°20 | 13°22 | 11° 8 | 10° 7 | 28°16 | 19° 0 | T 22 |
| F 23 | 2 7 57 | OM 9'46 | 25°46 | 26°34 | 15°41 | 17°32 | 10°52 | 7°27 | 8°49 | 27°22 | 13°24 | 11° 9 | 10° 4 | 28°22 | 18°58 | F 23 |
| S 24 | 2 11 53 | 1° 8'39 | 10 Y 43 | 28°22 | 16°28 | 17°34 | 10°45 | 7°33 | 8°49 | 27°23 | 13°26 | 11°R10 | 10° 1 | 28°29 | 18°56 | S 24 |
| S 25 | 2 15 50 | 2° 7'34 | 25°43 | OM 9 | 17°15 | 17°36 | 10°39 | 7°39 | 8°48 | 27°24 | 13°28 | 11° 9 | 9°58 | 28°36 | 18°55 | S 25 |
| M26 | 2 19 46 | 3° 6'31 | 10837 | 1°56 | 18° 4 | 17°R37 | 10°32 | 7°46 | 8°48 | 27°26 | 13°30 | 11° 7 | 9°55 | 28°42 | 18°53 | M26 |
| T 27 | 2 23 43 | 4° 5'31 | 25°17 | 3°42 | 18°53 | 17°37 | 10°25 | 7°52 | 8°47 | 27°27 | 13°32 | 11° 5 | 9°51 | 28°49 | 18°51 | T 27 |
| W28 | 2 27 40 | 5° 4'32 | 9 Ⅲ 37 | 5°27 | 19°43 | 17°36 | 10°19 | 7°59 | 8°46 | 27°29 | 13°34 | 11° 2 | 9°48 | 28°56 | 18°49 | W28 |
| T 29 | 2 31 36 | 6° 3'36 | 23°32 | 7°11 | 20°34 | 17°34 | 10°12 | 8° 5 | 8°46 | 27°30 | 13°36 | 10°58 | 9°45 | 29° 2 | 18°47 | T 29 |
| F 30 | 2 35 33 | 7° 2'41 | 6959 | 8°54 | 21°26 | 17°31 | 10° 6 | 8°12 | 8°45 | 27°32 | 13°38 | 10°55 | 9°42 | 29° 9 | 18°46 | F 30 |
| S 31 | 2 39 29 | 8M 1'49 | 2095 1 | 10 M 37 | 22 Mp 18 | 17 Ⅲ 28 | 10 Y 0 | 8 ₹ 18 | 89544 | 27 ∡ 734 | 13 ≏ 40 | 10 Υ 52 | 9 Υ 39 | 29 Mp 16 | 18) (44 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)Å(| 卉 | В | ß | v | Ç | ę, | Day |
|------|---------|-------------------|----------------|-----------------|----------------|-----------------|---------------|-----------------|-------|-----------------|----------------|----------------|---------------|---------------|-----------------|------|
| S 1 | 2 43 26 | 9 M 1'00 | 2 Ω 39 | 12 M .19 | 23 mg 11 | 17°R23 | 9°R54 | 8 ∡ ³25 | 8°R43 | 27 ∡ 735 | 13 <u>₽</u> 42 | 10°R51 | 9 Υ 35 | 29 Mp 22 | 18°R43 | S 1 |
| M 2 | 2 47 22 | 10° 0'12 | 14°57 | 14° 0 | 24° 5 | 17 I I18 | 9 Υ 48 | 8°31 | 89542 | 27°37 | 13°44 | 10°D51 | 9°32 | 29°29 | 18) (41 | M 2 |
| T 3 | 2 51 19 | 10°59'27 | 27° 0 | 15°40 | 24°59 | 17°11 | 9°42 | 8°38 | 8°41 | 27°39 | 13°46 | 10 Y 52 | 9°29 | 29°35 | 18°40 | T 3 |
| W 4 | 2 55 15 | 11°58'43 | 8 m 53 | 17°20 | 25°54 | 17° 4 | 9°36 | 8°45 | 8°40 | 27°40 | 13°48 | 10°54 | 9°26 | 29°42 | 18°38 | W 4 |
| T 5 | 2 59 12 | 12°58'02 | 20°41 | 18°59 | 26°50 | 16°56 | 9°31 | 8°51 | 8°39 | 27°42 | 13°50 | 10°55 | 9°23 | 29°49 | 18°37 | T 5 |
| F 6 | 3 3 9 | 13°57'23 | 2 ≏ 28 | 20°37 | 27°46 | 16°47 | 9°26 | 8°58 | 8°38 | 27°44 | 13°52 | 10°57 | 9°20 | 29°55 | 18°36 | F 6 |
| S 7 | 3 7 5 | 14°56'46 | 14°18 | 22°15 | 28°43 | 16°37 | 9°20 | 9° 5 | 8°37 | 27°45 | 13°54 | 10°R57 | 9°16 | 0요 2 | 18°34 | S 7 |
| S 8 | 3 11 2 | 15°56'12 | 26°15 | 23°52 | 29°40 | 16°26 | 9°15 | 9°12 | 8°36 | 27°47 | 13°56 | 10°56 | 9°13 | 0° 9 | 18°33 | S 8 |
| M 9 | 3 14 58 | 16°55'39 | 8ML21 | 25°28 | 0 ჲ 38 | 16°15 | 9°11 | 9°19 | 8°34 | 27°49 | 13°58 | 10°53 | 9°10 | 0°15 | 18°32 | M 9 |
| T 10 | 3 18 55 | 17°55'09 | 20°39 | 27° 3 | 1°36 | 16° 3 | 9° 6 | 9°26 | 8°33 | 27°51 | 14° 0 | 10°48 | 9° 7 | 0°22 | 18°31 | T 10 |
| W11 | 3 22 51 | 18°54'40 | 3 才 8 | 28°38 | 2°35 | 15°49 | 9° 2 | 9°32 | 8°32 | 27°53 | 14° 2 | 10°42 | 9° 4 | 0°29 | 18°30 | W11 |
| T 12 | 3 26 48 | 19°54'13 | 15°50 | 0 ∡ 13 | 3°34 | 15°36 | 8°57 | 9°39 | 8°30 | 27°54 | 14° 4 | 10°35 | 9° 1 | 0°35 | 18°29 | T 12 |
| F 13 | 3 30 44 | 20°53'49 | 2 <u>8</u> °45 | 1°46 | 4°33 | 15°21 | 8°53 | 9°46 | 8°29 | 27°56 | 14° 6 | 10°28 | 8°57 | 0°42 | 18°28 | F 13 |
| S 14 | 3 34 41 | 21°53'26 | 11 る 53 | 3°19 | 5°33 | 15° 5 | 8°49 | 9°53 | 8°27 | 27°58 | 14° 8 | 10°21 | 8°54 | 0°49 | 18°27 | S 14 |
| S 15 | 3 38 38 | 22°53'04 | 25°13 | 4°52 | 6°34 | 14°49 | 8°46 | 10° 0 | 8°26 | 28° 0 | 14° 9 | 10°17 | 8°51 | 0°55 | 18°26 | S 15 |
| M16 | 3 42 34 | 23°52'45 | 8≈47 | 6°24 | 7°35 | 14°33 | 8°42 | 10° 7 | 8°24 | 28° 2 | 14°11 | 10°14 | 8°48 | 1° 2 | 18°26 | M16 |
| T 17 | 3 46 31 | 24°52'26 | 22°34 | 7°56 | 8°36 | 14°16 | 8°39 | 10°14 | 8°23 | 28° 4 | 14°13 | 10°D12 | 8°45 | 1° 9 | 18°25 | T 17 |
| W18 | 3 50 27 | 25°52'10 | 6) €34 | 9°26 | 9°38 | 13°58 | 8°36 | 10°22 | 8°21 | 28° 6 | 14°15 | 10°13 | 8°41 | 1°15 | 18°24 | W18 |
| T 19 | 3 54 24 | 26°51'55 | 20°48 | 10°57 | 10°40 | 13°39 | 8°33 | 10°29 | 8°19 | 28° 8 | 14°16 | 10°14 | 8°38 | 1°22 | 18°24 | T 19 |
| F 20 | 3 58 20 | 27°51'41 | 5 Υ 12 | 12°27 | 11°42 | 13°21 | 8°30 | 10°36 | 8°18 | 28°10 | 14°18 | 10°R15 | 8°35 | 1°28 | 18°23 | F 20 |
| S 21 | 4 2 17 | 28°51'29 | 19°45 | 13°56 | 12°45 | 13° 1 | 8°28 | 10°43 | 8°16 | 28°12 | 14°20 | 10°15 | 8°32 | 1°35 | 18°23 | S 21 |
| S 22 | 4 6 13 | 29°51'19 | 4822 | 15°25 | 13°48 | 12°42 | 8°25 | 10°50 | 8°14 | 28°14 | 14°22 | 10°12 | 8°29 | 1°42 | 18°22 | S 22 |
| M23 | 4 10 10 | 0 ₹ 51'11 | 18°57 | 16°53 | 14°51 | 12°22 | 8°23 | 10°57 | 8°12 | 28°16 | 14°23 | 10° 8 | 8°26 | 1°48 | 18°22 | M23 |
| T 24 | 4 14 7 | 1°51'04 | 3 Ⅱ 24 | 18°21 | 15°55 | 12° 1 | 8°21 | 11° 4 | 8°10 | 28°18 | 14°25 | 10° 1 | 8°22 | 1°55 | 18°22 | T 24 |
| W25 | 4 18 3 | 2°51'00 | 17°36 | 19°48 | 16°59 | 11°41 | 8°19 | 11°11 | 8° 9 | 28°20 | 14°26 | 9°52 | 8°19 | 2° 2 | 18°21 | W25 |
| T 26 | 4 22 0 | 3°50'57 | 19528 | 21°14 | 18° 4 | 11°20 | 8°18 | 11°19 | 8° 7 | 28°22 | 14°28 | 9°43 | 8°16 | 2° 8 | 18°21 | T 26 |
| F 27 | 4 25 56 | 4°50'56 | 14°56 | 22°40 | 19° 8 | 10°59 | 8°17 | 11°26 | 8° 5 | 28°24 | 14°30 | 9°34 | 8°13 | 2°15 | 18°21 | F 27 |
| S 28 | 4 29 53 | 5°50'57 | 28° 0 | 24° 5 | 20°13 | 10°38 | 8°15 | 11°33 | 8° 3 | 28°26 | 14°31 | 9°27 | 8°10 | 2°22 | 18°D21 | S 28 |
| S 29 | 4 33 49 | 6°51'00 | 10 Ω 40 | 25°29 | 21°19 | 10°17 | 8°14 | 11°40 | 8° 1 | 28°29 | 14°33 | 9°21 | 8° 7 | 2°28 | 18°21 | S 29 |
| M30 | 4 37 46 | 7 . ₹51'05 | 23 N 1 | 26 ₹ 53 | 22 ≏ 24 | 9耳56 | 8 Υ 14 | 11 .7 47 | 7958 | 28 × 31 | 14 ₽ 34 | 9 Υ 18 | 8 ℃ 3 | 2 ₾ 35 | 18 ∺ 21 | M30 |

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|--------------|--------------------|-----------------------------|-------------------------|-----------------|----------------|---------------|---------------|-----------------|--------------|-----------------|----------------|---------------|---------------|---------------|-----------------|--------------|
| T 1 | 4 41 43 | 8 ₹ 151'12 | 5 m) 5 | 28 × 16 | 23 ₾ 30 | 9°R35 | 8°R13 | 11 × 755 | 7°R56 | 28× 7 33 | 14 ≏ 36 | 9°D16 | 8 Υ 0 | 2 ≏ 42 | 18) (21 | T 1 |
| W 2 | 4 45 39 | 9°51'21 | 16°58 | 29°38 | 24°36 | 9 Ⅱ 14 | 8 Υ 13 | 12° 2 | 7954 | 28°35 | 14°37 | 9 Υ 16 | 7°57 | 2°48 | 18°22 | W 2 |
| T 3 | 4 49 36 | 10°51'32 | 28°46 | 0 궁 59 | 25°43 | 8°53 | 8°D13 | 12° 9 | 7°52 | 28°37 | 14°38 | 9°17 | 7°54 | 2°55 | 18°22 | T 3 |
| F 4 | 4 53 32 | 11°51'45 | 10 ≏ 34 | 2°19 | 26°49 | 8°32 | 8°13 | 12°16 | 7°50 | 28°39 | 14°40 | 9°R17 | 7°51 | 3° 1 | 18°22 | F 4 |
| S 5 | 4 57 29 | 12°52'00 | 22°27 | 3°37 | 27°56 | 8°12 | 8°13 | 12°24 | 7°48 | 28°42 | 14°41 | 9°16 | 7°47 | 3° 8 | 18°23 | S 5 |
| S 6 | 5 1 25 | 13°52'17 | 4 M .30 | 4°55 | 29° 3 | 7°52 | 8°14 | 12°31 | 7°45 | 28°44 | 14°42 | 9°13 | 7°44 | 3°15 | 18°23 | S 6 |
| M 7 | 5 5 22 | 14°52'35 | 16°45 | 6°11 | 0 M _10 | 7°32 | 8°14 | 12°38 | 7°43 | 28°46 | 14°44 | 9° 8 | 7°41 | 3°21 | 18°24 | M 7 |
| T 8 | 5 9 18 | 15°52'56 | 29°16 | 7°25 | 1°18 | 7°13 | 8°15 | 12°45 | 7°41 | 28°48 | 14°45 | 8°59 | 7°38 | 3°28 | 18°24 | T 8 |
| W 9 | 5 13 15 | 16°53'18 | 12 × 3 | 8°37 | 2°25 | 6°54 | 8°17 | 12°53 | 7°39 | 28°50 | 14°46 | 8°48 | 7°35 | 3°35 | 18°25 | W 9 |
| T 10 | 5 17 12 | 17°53'42 | 25° 7 | 9°47 | 3°33 | 6°35 | 8°18 | 13° 0 | 7°36 | 28°53 | 14°48 | 8°36 | 7°32 | 3°41 | 18°25 | T 10 |
| F 11 S 12 | 5 21 8 | 18°54'07 19°54'34 | 8 중 26 21°57 | 10°55 12° 0 | 4°41 | 6°18 6° 0 | 8°19 8°21 | 13° 7 13°14 | 7°34 7°32 | 28°55 28°57 | 14°49 | 8°24 8°13 | 7°28 7°25 | 3°48 3°55 | 18°26 18°27 | F 11 S 12 |
| 5 12 | 5 25 5 | 19-54-54 | 21-57 | | 5°50 | 6. 0 | 8-21 | 13-14 | 1-32 | | 14°50 | | 7-23 | | | |
| S 13 | 5 29 1 | 20°55'02 | 5≈39 | 13° 2 | 6°58 | 5°43 | 8°23 | 13°21 | 7°29 | 28°59 | 14°51 | 8° 3 | 7°22 | 4° 1 | 18°28 | S 13 |
| M14 | 5 32 58 | 21°55'31 | 19°29 | 14° 0 | 8° 7 | 5°27 | 8°25 | 13°29 | 7°27 | 29° 1 | 14°52 | 7°57 | 7°19 | 4° 8 | 18°29 | M14 |
| T 15 | 5 36 54 | 22°56'01 | 3) €24 | 14°54 | 9°16 | 5°12 | 8°28 | 13°36 | 7°24 | 29° 4 | 14°53 | 7°53 | 7°16 | 4°15 | 18°30 | T 15 |
| W16 T 17 | 5 40 51 | 23°56'33 24°57'05 | 17°25 1 Ƴ 29 | 15°44 16°28 | 10°25 11°34 | 4°57 4°43 | 8°30 8°33 | 13°43 13°50 | 7°22 7°19 | 29° 6 29° 8 | 14°54 14°55 | 7°52 7°52 | 7°13 7° 9 | 4°21 4°28 | 18°31 18°32 | W16 T 17 |
| F 18 | 5 44 47 5 48 44 | 25°57'39 | 1 1 29 | 10°28 | 11°34 12°43 | 4°43 4°29 | 8°36 | 13°57 | 7°17 | 29° 8 29°10 | 14°56 | 7°52 7°52 | 7° 6 | 4°28 4°35 | 18°32 18°33 | F 18 |
| S 19 | 5 52 41 | 26°58'14 | 29°46 | 17°39 | 13°53 | 4°17 | 8°39 | 13° 37 | 7°15 | 29°13 | 14°57 | 7°50 | 7° 3 | 4°41 | 18°34 | S 19 |
| | | | | | | | | | | | | | | | | |
| S 20 | 5 56 37 | 27°58'50 | 13 8 57 28° 5 | 18° 4 | 15° 2 | 4° 5 | 8°42 | 14°11 | 7°12 7°10 | 29°15 29°17 | 14°58 | 7°46 | 7° 0 | 4°48 | 18°36 | S 20 |
| M21 T 22 | 6 0 34 6 4 30 | 28°59'27 0 る 0'05 | 28° 5 | 18°21 18°R29 | 16°12 17°22 | 3°54 3°44 | 8°46 8°50 | 14°19 14°26 | 7°10 7° 7 | 29°17 29°19 | 14°59 15° 0 | 7°40 7°30 | 6°57 6°53 | 4°54 5° 1 | 18°37 18°38 | M21 T 22 |
| W23 | 6 8 27 | 1° 0'44 | 25°58 | 18°28 | 18°32 | 3°34 | 8°54 | 14°23 | 7° 5 | 29°22 | 15° 1 | 7°18 | 6°50 | 5° 8 | 18°40 | W23 |
| T 24 | 6 12 23 | 2° 1'25 | 9934 | 18°16 | 19°42 | 3°25 | 8°58 | 14°40 | 7° 2 | 29°24 | 15° 2 | 7° 5 | 6°47 | 5°14 | 18°41 | T 24 |
| F 25 | 6 16 20 | 3° 2'07 | 22°52 | 17°53 | 20°53 | 3°18 | 9° 2 | 14°47 | 6°59 | 29°26 | 15° 2 | 6°52 | 6°44 | 5°21 | 18°43 | F 25 |
| S 26 | 6 20 17 | 4° 2'50 | 5 Ω 50 | 17°18 | 22° 3 | 3°10 | 9° 7 | 14°54 | 6°57 | 29°28 | 15° 3 | 6°40 | 6°41 | 5°28 | 18°44 | S 26 |
| S 27 | 6 24 13 | 5° 3'34 | 18°28 | 16°33 | 23°14 | 3° 4 | 9°11 | 15° 1 | 6°54 | 29°31 | 15° 4 | 6°31 | 6°38 | 5°34 | 18°46 | S 27 |
| M28 | 6 28 10 | 6° 4'20 | 0 mp 48 | 15°37 | 24°24 | 2°59 | 9°16 | 15° 8 | 6°52 | 29°33 | 15° 4 | 6°24 | 6°34 | 5°41 | 18°48 | M28 |
| T 29 | 6 32 6 | 7° 5'06 | 12°52 | 14°32 | 25°35 | 2°54 | 9°21 | 15°14 | 6°49 | 29°35 | 15° 5 | 6°21 | 6°31 | 5°48 | 18°50 | T 29 |
| W30 | 6 36 3 | 8° 5'55 | 24°46 | 13°19 | 26°46 | 2°50 | 9°26 | 15°21 | 6°47 | 29°37 | 15° 6 | 6°19 | 6°28 | 5°54 | 18°51 | W30 |
| T 31 | 6 39 59 | 98 6'44 | 6 ≏ 34 | 12 る 0 | 27 M 57 | 2 ∐ 47 | 9 Υ 32 | 15 ₹ 28 | 69344 | 29 ∡ 140 | 15 ♀ 6 | 6 Ƴ 19 | 6 Υ 25 | 6₽ 1 | 18 米 53 | T 31 |

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|--------------|--------------------|----------------------|-------------------------|----------------|------------------------|---------------|----------------|-----------------|--------------|----------------------|----------------|---------------|---------------|---------------|----------------|--------------|
| F 1 | 6 43 56 | 10궁 7'35 | 18 ≏ 22 | 10°R37 | 29M 9 | 2°R45 | 9 Υ 37 | 15 ₹ 35 | 6°R42 | 29 х 42 | 15 ♀ 7 | 6°R19 | 6 Υ 22 | 6 ₾ 8 | 18 ¥ 55 | F 1 |
| S 2 | 6 47 52 | 11° 8'26 | 0 M .16 | 9 궁 14 | 0 ≯ 20 | 2 ∏ 44 | 9°43 | 15°42 | 6939 | 29°44 | 15° 7 | 6 Ƴ 18 | 6°19 | 6°14 | 18°57 | S 2 |
| S 3 | 6 51 49 | 12° 9'20 | 12°20 | 7°53 | 1°31 | 2°D43 | 9°49 | 15°49 | 6°37 | 29°46 | 15° 8 | 6°15 | 6°15 | 6°21 | 18°59 | S 3 |
| M 4 T 5 | 6 55 46 6 59 42 | 13°10'14 14°11'09 | 24°40 7 √ 20 | 6°38 5°29 | 2°43 3°54 | 2°43 2°44 | 9°55 10° 2 | 15°55 16° 2 | 6°34 6°32 | 29°49 29°51 | 15° 8 15° 9 | 6° 9 6° 0 | 6°12 6° 9 | 6°27 6°34 | 19° 1 19° 4 | M 4 T 5 |
| W 6 | 7 3 39 | 15°12'06 | 20°20 | 4°29 | 5° 6 | 2°46 | 10° 2 | 16° 9 | 6°29 | 29°53 | 15° 9 | 5°49 | 6° 6 | 6°41 | 19° 6 | W 6 |
| T 7 | 7 7 35 | 16°13'03 | 3 ⋜ 42 | 3°40 | 6°18 | 2°49 | 10°15 | 16°15 | 6°27 | 29°55 | 15° 9 | 5°36 | 6° 3 | 6°47 | 19°8 | T 7 |
| F 8 | 7 11 32 | 17°14'01 | 17°24 | 3° 1 | 7°30 | 2°52 | 10°21 | 16°22 | 6°24 | 29°57 | 15°10 | 5°24 | 5°59 | 6°54 | 19°10 | F 8 |
| S 9 | 7 15 28 | 18°15'00 | 1≈22 | 2°33 | 8°42 | 2°56 | 10°28 | 16°28 | 6°22 | 29°59 | 15°10 | 5°11 | 5°56 | 7° 1 | 19°13 | S 9 |
| S 10 M11 | 7 19 25 7 23 22 | 19°16'00 20°17'00 | 15°31 29°46 | 2°17 2°D11 | 9°54 11° 6 | 3° 1 3° 6 | 10°36 10°43 | 16°35 16°41 | 6°19 6°17 | 0 궁 2 0° 4 | 15°10 15°10 | 5° 2 4°55 | 5°53 5°50 | 7° 7 7°14 | 19°15 19°17 | S 10 M11 |
| T 12 | 7 27 18 | 20°17'00 21°18'00 | 14) 3 | 2°15 | 12°18 | 3°13 | 10°50 | 16°48 | 6°14 | 0° 6 | 15°11 | 4°51 | 5°47 | 7°21 | 19°20 | T 12 |
| W13 | 7 31 15 | 22°19'01 | 28°18 | 2°28 | 13°31 | 3°20 | 10°58 | 16°54 | 6°12 | 0° 8 | 15°11 | 4°49 | 5°44 | 7°27 | 19°22 | W13 |
| T 14 | 7 35 11 | 23°20'02 | 12 Υ 28 | 2°49 | 14°43 | 3°27 | 11° 6 | 17° 0 | 6°10 | 0°10 | 15°11 | 4°D49 | 5°40 | 7°34 | 19°25 | T 14 |
| F 15 S 16 | 7 39 8 7 43 4 | 24°21'03 25°22'05 | 26°33 10 8 31 | 3°18 3°54 | 15°55 17° 8 | 3°36 3°45 | 11°14 11°22 | 17° 7 17°13 | 6° 7 6° 5 | 0°12 0°14 | 15°11 15°11 | 4°R49 4°48 | 5°37 5°34 | 7°41 7°47 | 19°28 19°30 | F 15 S 16 |
| S 17 | 7 47 1 | 26°23'06 | 24°22 | 4°36 | 18°20 | 3°55 | 11°30 | 17°19 | 6° 2 | 0°17 | 15°R11 | 4°45 | 5°31 | 7°54 | 19°33 | S 17 |
| M18 | 7 50 57 | 27°24'08 | 8II 6 | 5°23 | 19°33 | 4° 5 | 11°38 | 17°25 | 6° 0 | 0°19 | 15°11 | 4°39 | 5°28 | 8° 1 | 19°36 | M18 |
| T 19 | 7 54 54 | 28°25'10 | 21°41 | 6°15 | 20°46 | 4°16 | 11°47 | 17°31 | 5°58 | 0°21 | 15°11 | 4°31 | 5°25 | 8° 7 | 19°39 | T 19 |
| W20 T 21 | 7 58 51 8 2 47 | 29°26'12 0≈27'15 | 5 © 6 18°18 | 7°11 8°11 | 21°59 23°11 | 4°27 4°40 | 11°55 12° 4 | 17°37 17°43 | 5°56 5°53 | 0°23 0°25 | 15°11 15°11 | 4°20 4° 9 | 5°21 5°18 | 8°14 8°20 | 19°41 19°44 | W20 T 21 |
| F 22 | 8 6 44 | 1°28'17 | 18^{-18} $1\Omega17$ | 9°14 | 23°11 24°24 | 4°52 | 12° 4 | 17°43 | 5°53 | 0°23 0°27 | 15°11 | 3°57 | 5°15 | 8°27 | 19°44 19°47 | F 22 |
| S 23 | 8 10 40 | 2°29'20 | 14° 0 | 10°21 | 25°37 | 5° 6 | 12°22 | 17°55 | 5°49 | 0°29 | 15°10 | 3°47 | 5°12 | 8°34 | 19°50 | S 23 |
| S 24 | 8 14 37 | 3°30'23 | 26°28 | 11°30 | 26°50 | 5°20 | 12°31 | 18° 1 | 5°47 | 0°31 | 15°10 | 3°38 | 5° 9 | 8°40 | 19°53 | S 24 |
| M25 | 8 18 33 | 4°31'26 | 8 m 42 | 12°41 | 28° 3 | 5°34 | 12°41 | 18° 6 | 5°45 | 0°33 | 15°10 | 3°32 | 5° 5 | 8°47 | 19°56 | M25 |
| T 26 W27 | 8 22 30 8 26 26 | 5°32'29 6°33'33 | 20°44 2 Ω 36 | 13°54 15° 9 | 29°16 0 云 30 | 5°49 6° 5 | 12°50 13° 0 | 18°12 18°18 | 5°42 5°40 | 0°35 0°36 | 15°10 15° 9 | 3°29 3°D28 | 5° 2 4°59 | 8°54 9° 0 | 19°59 20° 2 | T 26 W27 |
| T 28 | 8 30 23 | 0 33 33 7°34'37 | 14°24 | 16°26 | 1°43 | 6°21 | 13° 9 | 18°23 | 5°38 | 0°38 | 15° 9 | 3°29 | 4°56 | 9° 7 | 20° 6 | T 28 |
| F 29 | 8 34 20 | 8°35'41 | 26°11 | 17°44 | 2°56 | 6°37 | 13°19 | 18°29 | 5°36 | 0°40 | 15° 8 | 3°30 | 4°53 | 9°14 | 20° 9 | F 29 |
| S 30 | 8 38 16 | 9°36'46 | 8M 4 | 19° 4 | 4° 9 | 6°54 | 13°29 | 18°34 | 5°34 | 0°42 | 15° 8 | 3°R30 | 4°50 | 9°20 | 20°12 | S 30 |
| S 31 | 8 42 13 | 10≈37'51 | 20 M 7 | 20る24 | 5 る 23 | 7 Ⅱ 12 | 13 Y 39 | 18 ∡ 140 | 5932 | 0 궁 44 | 15 ♀ 8 | 3℃ 30 | 4 Υ 46 | 9 ≙ 27 | 20 米 15 | S 31 |

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FEBRUARY 3458 00:00 UT

| Day | Sid.t | 0 |) | φ | φ | δ | 4 | ħ | λ(| ¥ | 2 | Ę | c | ţ | Š | Day |
|------|----------|------------------|-----------------|----------------|---------------|----------------|----------------|-----------------|-------|---------------|----------------|---------------|-----------------------|----------------|----------------|------|
| M 1 | 8 46 9 | 11≈38'56 | 2 ₹ 27 | 21 궁 46 | 6 ප 36 | 7 Ⅱ 29 | 13 Y 50 | 18 ∡ ³45 | 5°R30 | 0 궁 46 | 15°R 7 | 3°R27 | 4 Υ 4 3 | 9 ≙ 34 | 20 米 19 | M 1 |
| T 2 | 8 50 6 | 12°40'01 | 15° 6 | 23° 9 | 7°50 | 7°48 | 14° 0 | 18°50 | 59 | 0°48 | 15 ♀ 7 | 3 Υ 23 | 4°40 | 9°40 | 20°22 | T 2 |
| W 3 | 8 54 2 | 13°41'06 | 28°10 | 24°33 | 9° 3 | 8° 7 | 14°10 | 18°55 | 5°27 | 0°49 | 15° 6 | 3°16 | 4°37 | 9°47 | 20°25 | W 3 |
| T 4 | 8 57 59 | 14°42'11 | 11 る 39 | 25°58 | 10°17 | 8°26 | 14°21 | 19° 0 | 5°25 | 0°51 | 15° 5 | 3° 8 | 4°34 | 9°53 | 20°29 | T 4 |
| F 5 | 9 1 55 | 15°43'17 | 25°34 | 27°23 | 11°30 | 8°46 | 14°32 | 19° 5 | 5°23 | 0°53 | 15° 5 | 3° 0 | 4°31 | 10° 0 | 20°32 | F 5 |
| S 6 | 9 5 52 | 16°44'22 | 9≈50 | 28°50 | 12°44 | 9° 6 | 14°43 | 19°10 | 5°21 | 0°55 | 15° 4 | 2°52 | 4°27 | 10° 7 | 20°35 | S 6 |
| S 7 | 9 9 49 | 17°45'27 | 24°22 | 0≈17 | 13°58 | 9°26 | 14°53 | 19°15 | 5°20 | 0°56 | 15° 3 | 2°46 | 4°24 | 10°13 | 20°39 | S 7 |
| M 8 | 9 13 45 | 18°46'31 | 9) 4 | 1°44 | 15°11 | 9°47 | 15° 4 | 19°20 | 5°18 | 0°58 | 15° 3 | 2°41 | 4°21 | 10°20 | 20°42 | M 8 |
| T 9 | 9 17 42 | 19°47'35 | 23°49 | 3°13 | 16°25 | 10°8 | 15°16 | 19°25 | 5°16 | 1° 0 | 15° 2 | 2°39 | 4°18 | 10°27 | 20°46 | T 9 |
| W10 | 9 21 38 | 20°48'38 | 8 Υ 28 | 4°42 | 17°39 | 10°30 | 15°27 | 19°29 | 5°15 | 1° 1 | 15° 1 | 2°D39 | 4°15 | 10°33 | 20°49 | W10 |
| T 11 | 9 25 35 | 21°49'40 | 22°58 | 6°11 | 18°53 | 10°52 | 15°38 | 19°34 | 5°13 | 1° 3 | 15° 0 | 2°40 | 4°11 | 10°40 | 20°53 | T 11 |
| F 12 | 9 29 31 | 22°50'42 | 7814 | 7°42 | 20° 6 | 11°15 | 15°50 | 19°38 | 5°12 | 1° 4 | 15° 0 | 2°41 | 4° 8 | 10°47 | 20°57 | F 12 |
| S 13 | 9 33 28 | 23°51'43 | 21°16 | 9°12 | 21°20 | 11°37 | 16° 1 | 19°43 | 5°10 | 1° 6 | 14°59 | 2°R42 | 4° 5 | 10°53 | 21° 0 | S 13 |
| S 14 | 9 37 24 | 24°52'43 | 5 I 1 | 10°44 | 22°34 | 12° 0 | 16°13 | 19°47 | 5° 9 | 1° 7 | 14°58 | 2°42 | 4° 2 | 11° 0 | 21° 4 | S 14 |
| M15 | 9 41 21 | 25°53'42 | 18°32 | 12°16 | 23°48 | 12°24 | 16°25 | 19°52 | 5° 8 | 1° 9 | 14°57 | 2°40 | 3°59 | 11° 7 | 21° 8 | M15 |
| T 16 | 9 45 18 | 26°54'41 | 19548 | 13°49 | 25° 2 | 12°48 | 16°36 | 19°56 | 5° 6 | 1°10 | 14°56 | 2°36 | 3°56 | 11°13 | 21°11 | T 16 |
| W17 | 9 49 14 | 27°55'38 | 14°51 | 15°22 | 26°16 | 13°12 | 16°48 | 20° 0 | 5° 5 | 1°12 | 14°55 | 2°30 | 3°52 | 11°20 | 21°15 | W17 |
| T 18 | 9 53 11 | 28°56'35 | 27°40 | 16°56 | 27°30 | 13°36 | 17° 0 | 20° 4 | 5° 4 | 1°13 | 14°54 | 2°24 | 3°49 | 11°27 | 21°19 | T 18 |
| F 19 | 9 57 7 | 29°57'31 | 10 Ω 17 | 18°30 | 28°44 | 14° 1 | 17°12 | 20° 8 | 5° 3 | 1°15 | 14°53 | 2°18 | 3°46 | 11°33 | 21°22 | F 19 |
| S 20 | 10 1 4 | 0 ¥ 58'25 | 22°42 | 20° 5 | 29°58 | 14°26 | 17°25 | 20°12 | 5° 2 | 1°16 | 14°52 | 2°13 | 3°43 | 11°40 | 21°26 | S 20 |
| S 21 | 10 5 0 | 1°59'19 | 4 Mp 56 | 21°41 | 1≈12 | 14°51 | 17°37 | 20°15 | 5° 0 | 1°17 | 14°51 | 2° 9 | 3°40 | 11°46 | 21°30 | S 21 |
| M22 | 10 8 57 | 3° 0'12 | 17° 0 | 23°18 | 2°26 | 15°16 | 17°49 | 20°19 | 4°59 | 1°19 | 14°50 | 2° 6 | 3°37 | 11°53 | 21°34 | M22 |
| T 23 | 10 12 53 | 4° 1'04 | 28°56 | 24°55 | 3°40 | 15°42 | 18° 2 | 20°23 | 4°58 | 1°20 | 14°49 | 2°D 5 | 3°33 | 12° 0 | 21°38 | T 23 |
| W24 | 10 16 50 | 5° 1'56 | 10 ≏ 46 | 26°33 | 4°54 | 16° 8 | 18°14 | 20°26 | 4°58 | 1°21 | 14°48 | 2° 5 | 3°30 | 12° 6 | 21°41 | W24 |
| T 25 | 10 20 47 | 6° 2'47 | 22°33 | 28°11 | 6° 8 | 16°34 | 18°27 | 20°30 | 4°57 | 1°22 | 14°47 | 2° 7 | 3°27 | 12°13 | 21°45 | T 25 |
| F 26 | 10 24 43 | 7° 3'36 | 4ML21 | 29°50 | 7°22 | 17° 1 | 18°39 | 20°33 | 4°56 | 1°24 | 14°45 | 2° 9 | 3°24 | 12°20 | 21°49 | F 26 |
| S 27 | 10 28 40 | 8° 4'26 | 16°14 | 1 ∺ 30 | 8°36 | 17°27 | 18°52 | 20°36 | 4°55 | 1°25 | 14°44 | 2°10 | 3°21 | 12°26 | 21°53 | S 27 |
| S 28 | 10 32 36 | 9 米 5'14 | 28 M .16 | 3 ∺ 11 | 9 ≈ 51 | 17 Ⅱ 54 | 19 Y 5 | 20 х 39 | 4954 | 1 る 26 | 14 ≏ 43 | 2 Υ 12 | 3Υ 17 | 12 ≏ 33 | 21 米 57 | S 28 |

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MARCH 3458 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| 并 | В | u | Ω | ţ | Ŷ, | Day |
|------|----------|-------------------|-----------------|----------------|-----------------|----------------|----------------|-----------------|-------|---------------|----------------|---------------|---------------|----------------|----------------|------|
| M 1 | 10 36 33 | 10 ¥ 6'02 | 10 ∡ ³32 | 4) (53 | 11≈ 5 | 18 Ⅲ 22 | 19 Y 18 | 20 ∡ 142 | 4°R54 | 1 る 27 | 14°R42 | 2°R12 | 3 Υ 14 | 12 ≏ 40 | 22) 1 | M 1 |
| T 2 | 10 40 29 | 11° 6'49 | 23° 8 | 6°35 | 12°19 | 18°49 | 19°31 | 20°45 | 4953 | 1°28 | 14 ≏ 40 | 2 Υ 12 | 3°11 | 12°46 | 22° 5 | T 2 |
| W 3 | 10 44 26 | 12° 7'35 | 6 ප 7 | 8°18 | 13°33 | 19°17 | 19°44 | 20°48 | 4°52 | 1°29 | 14°39 | 2°10 | 3° 8 | 12°53 | 22° 9 | W 3 |
| T 4 | 10 48 22 | 13° 8'20 | 19°32 | 10° 2 | 14°47 | 19°44 | 19°57 | 20°51 | 4°52 | 1°30 | 14°38 | 2° 8 | 3° 5 | 13° 0 | 22°13 | T 4 |
| F 5 | 10 52 19 | 14° 9'05 | 3≈24 | 11°46 | 16° 2 | 20°12 | 20°10 | 20°54 | 4°51 | 1°31 | 14°37 | 2° 5 | 3° 2 | 13° 6 | 22°16 | F 5 |
| S 6 | 10 56 16 | 15° 9'48 | 17°43 | 13°32 | 17°16 | 20°41 | 20°23 | 20°56 | 4°51 | 1°32 | 14°35 | 2° 3 | 2°58 | 13°13 | 22°20 | S 6 |
| S 7 | 11 0 12 | 16°10'30 | 2) 24 | 15°18 | 18°30 | 21° 9 | 20°36 | 20°59 | 4°51 | 1°33 | 14°34 | 2° 1 | 2°55 | 13°20 | 22°24 | S 7 |
| M 8 | 11 4 9 | 17°11'11 | 17°22 | 17° 5 | 19°45 | 21°38 | 20°50 | 21° 1 | 4°50 | 1°34 | 14°32 | 2° 0 | 2°52 | 13°26 | 22°28 | M 8 |
| T 9 | 11 8 5 | 18°11'51 | 2 Υ 27 | 18°53 | 20°59 | 22° 7 | 21° 3 | 21° 3 | 4°50 | 1°35 | 14°31 | 1°D59 | 2°49 | 13°33 | 22°32 | T 9 |
| W10 | 11 12 2 | 19°12'29 | 17°31 | 20°41 | 22°13 | 22°36 | 21°17 | 21° 5 | 4°50 | 1°35 | 14°30 | 2° 0 | 2°46 | 13°39 | 22°36 | W10 |
| T 11 | 11 15 58 | 20°13'06 | 2824 | 22°31 | 23°27 | 23° 5 | 21°30 | 21° 8 | 4°50 | 1°36 | 14°28 | 2° 0 | 2°42 | 13°46 | 22°40 | T 11 |
| F 12 | 11 19 55 | 21°13'41 | 17° 2 | 24°21 | 24°42 | 23°34 | 21°44 | 21°10 | 4°50 | 1°37 | 14°27 | 2° 1 | 2°39 | 13°53 | 22°44 | F 12 |
| S 13 | 11 23 51 | 22°14'15 | 1 П 18 | 26°11 | 25°56 | 24° 4 | 21°57 | 21°11 | 4°D50 | 1°38 | 14°25 | 2° 2 | 2°36 | 13°59 | 22°48 | S 13 |
| S 14 | 11 27 48 | 23°14'47 | 15°12 | 28° 3 | 27°10 | 24°33 | 22°11 | 21°13 | 4°50 | 1°38 | 14°24 | 2° 3 | 2°33 | 14° 6 | 22°52 | S 14 |
| M15 | 11 31 45 | 24°15'17 | 28°43 | 29°54 | 28°25 | 25° 3 | 22°25 | 21°15 | 4°50 | 1°39 | 14°22 | 2°R 3 | 2°30 | 14°13 | 22°56 | M15 |
| T 16 | 11 35 41 | 25°15'46 | 119552 | 1 Ƴ 47 | 29°39 | 25°33 | 22°39 | 21°16 | 4°50 | 1°40 | 14°21 | 2° 2 | 2°27 | 14°19 | 23° 0 | T 16 |
| W17 | 11 39 38 | 26°16'12 | 24°42 | 3°39 | 0) € 54 | 26° 4 | 22°52 | 21°18 | 4°50 | 1°40 | 14°19 | 2° 2 | 2°23 | 14°26 | 23° 4 | W17 |
| T 18 | 11 43 34 | 27°16'37 | 7 Ω 16 | 5°32 | 2° 8 | 26°34 | 23° 6 | 21°19 | 4°50 | 1°41 | 14°18 | 2° 1 | 2°20 | 14°33 | 23° 8 | T 18 |
| F 19 | 11 47 31 | 28°17'00 | 19°37 | 7°24 | 3°22 | 27° 4 | 23°20 | 21°21 | 4°50 | 1°41 | 14°16 | 2° 1 | 2°17 | 14°39 | 23°12 | F 19 |
| S 20 | 11 51 27 | 29°17'22 | 1 m) 46 | 9°16 | 4°37 | 27°35 | 23°34 | 21°22 | 4°51 | 1°42 | 14°15 | 2° 0 | 2°14 | 14°46 | 23°16 | S 20 |
| S 21 | 11 55 24 | 0 ℃ 17'41 | 13°47 | 11°8 | 5°51 | 28° 6 | 23°48 | 21°23 | 4°51 | 1°42 | 14°13 | 2° 0 | 2°11 | 14°53 | 23°20 | S 21 |
| M22 | 11 59 20 | 1°17'59 | 25°42 | 12°59 | 7° 5 | 28°37 | 24° 2 | 21°24 | 4°52 | 1°43 | 14°12 | 2° 0 | 2° 8 | 14°59 | 23°24 | M22 |
| T 23 | 12 3 17 | 2°18'16 | 7 ≏ 32 | 14°49 | 8°20 | 29° 8 | 24°16 | 21°25 | 4°52 | 1°43 | 14°10 | 2° 0 | 2° 4 | 15° 6 | 23°28 | T 23 |
| W24 | 12 7 14 | 3°18'30 | 19°20 | 16°37 | 9°34 | 29°39 | 24°30 | 21°25 | 4°53 | 1°43 | 14° 8 | 2° 0 | 2° 1 | 15°12 | 23°31 | W24 |
| T 25 | 12 11 10 | 4°18'43 | 1 m 9 | 18°24 | 10°48 | 09୍ତ10 | 24°44 | 21°26 | 4°53 | 1°44 | 14° 7 | 2° 0 | 1°58 | 15°19 | 23°35 | T 25 |
| F 26 | 12 15 7 | 5°18'55 | 12°59 | 20° 8 | 12° 3 | 0°41 | 24°59 | 21°27 | 4°54 | 1°44 | 14° 5 | 1°59 | 1°55 | 15°26 | 23°39 | F 26 |
| S 27 | 12 19 3 | 6°19'05 | 24°56 | 21°49 | 13°17 | 1°13 | 25°13 | 21°27 | 4°55 | 1°44 | 14° 4 | 1°59 | 1°52 | 15°32 | 23°43 | S 27 |
| S 28 | 12 23 0 | 7°19'14 | 7 ₹ 0 | 23°26 | 14°32 | 1°44 | 25°27 | 21°28 | 4°55 | 1°44 | 14° 2 | 1°58 | 1°48 | 15°39 | 23°47 | S 28 |
| M29 | 12 26 56 | 8°19'21 | 1 <u>9</u> °18 | 25° 0 | 15°46 | 2°16 | 25°41 | 21°28 | 4°56 | 1°45 | 14° 0 | 1°58 | 1°45 | 15°46 | 23°51 | M29 |
| T 30 | 12 30 53 | 9°19'27 | 1 전 51 | 26°30 | 17° 0 | 2°48 | 25°56 | 21°28 | 4°57 | <u>1°45</u> | 13°59 | 1°57 | 1°42 | 15°52 | 23°55 | T 30 |
| W31 | 12 34 49 | 10 Υ 19'31 | 14 중 44 | 27 Y 54 | 18 米 15 | 3920 | 26 Y 10 | 21°R28 | 4958 | 1 る 45 | 13 ≏ 57 | 1°D57 | 1 Υ 39 | 15 ≏ 59 | 23 米 59 | W31 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)Å(| # | В | U | u | Ç | §. | Day |
|------|----------|-------------------|----------------|----------------|----------------|-------|----------------|----------------|-------|---------------|----------------|---------------|---------------|----------------|----------------|------|
| T 1 | 12 38 46 | 11 ° 19'34 | 28중 0 | 29 Y 13 | 19 米 29 | 3952 | 26 Y 24 | 21°R28 | 49559 | 1 る 45 | 13°R56 | 1 Υ 58 | 1 Y 36 | 16 ♀ 6 | 24) 2 | T 1 |
| F 2 | 12 42 43 | 12°19'35 | 11≈42 | 0 8 25 | 20°44 | 4°24 | 26°39 | 21 ~ 28 | 5° 0 | 1°45 | 13 ≏ 54 | 1°58 | 1°33 | 16°12 | 24° 6 | F 2 |
| S 3 | 12 46 39 | 13°19'35 | 25°50 | 1°31 | 21°58 | 4°56 | 26°53 | 21°27 | 5° 1 | 1°R45 | 13°52 | 1°59 | 1°29 | 16°19 | 24°10 | S 3 |
| S 4 | 12 50 36 | 14°19'33 | 10 ∺ 24 | 2°30 | 23°12 | 5°29 | 27° 7 | 21°27 | 5° 2 | 1°45 | 13°51 | 2° 0 | 1°26 | 16°26 | 24°14 | S 4 |
| M 5 | 12 54 32 | 15°19'29 | 25°19 | 3°21 | 24°27 | 6° 1 | 27°22 | 21°27 | 5° 3 | 1°45 | 13°49 | 2°R 1 | 1°23 | 16°32 | 24°18 | M 5 |
| T 6 | 12 58 29 | 16°19'24 | 10 Y 27 | 4° 5 | 25°41 | 6°34 | 27°36 | 21°26 | 5° 4 | 1°45 | 13°47 | 2° 1 | 1°20 | 16°39 | 24°21 | T 6 |
| W 7 | 13 2 25 | 17°19'16 | 25°41 | 4°41 | 26°56 | 7° 6 | 27°51 | 21°25 | 5° 6 | 1°45 | 13°46 | 2° 0 | 1°17 | 16°46 | 24°25 | W 7 |
| T 8 | 13 6 22 | 18°19'07 | 10851 | 5° 8 | 28°10 | 7°39 | 28° 5 | 21°25 | 5° 7 | 1°45 | 13°44 | 1°58 | 1°14 | 16°52 | 24°29 | T 8 |
| F 9 | 13 10 18 | 19°18'56 | 25°46 | 5°27 | 29°24 | 8°12 | 28°20 | 21°24 | 5° 8 | 1°44 | 13°43 | 1°56 | 1°10 | 16°59 | 24°32 | F 9 |
| S 10 | 13 14 15 | 20°18'43 | 10Ⅱ20 | 5°37 | 0 Ƴ 39 | 8°45 | 28°34 | 21°23 | 5°10 | 1°44 | 13°41 | 1°54 | 1° 7 | 17° 6 | 24°36 | S 10 |
| S 11 | 13 18 11 | 21°18'28 | 24°27 | 5°R39 | 1°53 | 9°18 | 28°49 | 21°22 | 5°11 | 1°44 | 13°39 | 1°52 | 1° 4 | 17°12 | 24°40 | S 11 |
| M12 | 13 22 8 | 22°18'11 | 8 9 5 7 | 5°33 | 3° 8 | 9°51 | 29° 3 | 21°21 | 5°13 | 1°44 | 13°38 | 1°50 | 1° 1 | 17°19 | 24°43 | M12 |
| T 13 | 13 26 5 | 23°17'51 | 21°20 | 5°19 | 4°22 | 10°24 | 29°18 | 21°19 | 5°14 | 1°43 | 13°36 | 1°D49 | 0°58 | 17°25 | 24°47 | T 13 |
| W14 | 13 30 1 | 24°17'30 | 4Ω 9 | 4°58 | 5°36 | 10°57 | 29°33 | 21°18 | 5°16 | 1°43 | 13°35 | 1°50 | 0°54 | 17°32 | 24°50 | W14 |
| T 15 | 13 33 58 | 25°17'05 | 16°37 | 4°30 | 6°51 | 11°30 | 29°47 | 21°16 | 5°17 | 1°43 | 13°33 | 1°51 | 0°51 | 17°39 | 24°54 | T 15 |
| F 16 | 13 37 54 | 26°16'39 | 28°49 | 3°56 | 8° 5 | 12° 4 | 0 8 2 | 21°15 | 5°19 | 1°42 | 13°31 | 1°53 | 0°48 | 17°45 | 24°58 | F 16 |
| S 17 | 13 41 51 | 27°16'11 | 10 m 50 | 3°16 | 9°19 | 12°37 | 0°16 | 21°13 | 5°21 | 1°42 | 13°30 | 1°54 | 0°45 | 17°52 | 25° 1 | S 17 |
| S 18 | 13 45 47 | 28°15'40 | 22°43 | 2°33 | 10°34 | 13°11 | 0°31 | 21°11 | 5°23 | 1°41 | 13°28 | 1°55 | 0°42 | 17°59 | 25° 4 | S 18 |
| M19 | 13 49 44 | 29°15'07 | 4 ₾ 31 | 1°45 | 11°48 | 13°44 | 0°45 | 21°10 | 5°25 | 1°41 | 13°27 | 1°R56 | 0°39 | 18° 5 | 25° 8 | M19 |
| T 20 | 13 53 40 | 0 8 14'32 | 16°19 | 0°56 | 13° 2 | 14°18 | 1° 0 | 21° 8 | 5°26 | 1°40 | 13°25 | 1°55 | 0°35 | 18°12 | 25°11 | T 20 |
| W21 | 13 57 37 | 1°13'55 | 28° 7 | 0° 5 | 14°17 | 14°52 | 1°15 | 21° 6 | 5°28 | 1°40 | 13°24 | 1°52 | 0°32 | 18°19 | 25°15 | W21 |
| T 22 | 14 1 34 | 2°13'17 | 9 M 59 | 29 Υ 13 | 15°31 | 15°25 | 1°29 | 21° 4 | 5°30 | 1°39 | 13°22 | 1°48 | 0°29 | 18°25 | 25°18 | T 22 |
| F 23 | 14 5 30 | 3°12'36 | 21°57 | 28°23 | 16°45 | 15°59 | 1°44 | 21° 1 | 5°32 | 1°38 | 13°21 | 1°43 | 0°26 | 18°32 | 25°21 | F 23 |
| S 24 | 14 9 27 | 4°11'54 | 4 ₹ 2 | 27°34 | 17°59 | 16°33 | 1°58 | 20°59 | 5°34 | 1°38 | 13°19 | 1°38 | 0°23 | 18°39 | 25°25 | S 24 |
| S 25 | 14 13 23 | 5°11'09 | 16°15 | 26°48 | 19°14 | 17° 7 | 2°13 | 20°57 | 5°36 | 1°37 | 13°18 | 1°32 | 0°20 | 18°45 | 25°28 | S 25 |
| M26 | 14 17 20 | 6°10'23 | 28°40 | 26° 5 | 20°28 | 17°41 | 2°27 | 20°54 | 5°39 | 1°36 | 13°16 | 1°26 | 0°16 | 18°52 | 25°31 | M26 |
| T 27 | 14 21 16 | 7° 9'35 | 11 궁 18 | 25°26 | 21°42 | 18°15 | 2°42 | 20°52 | 5°41 | 1°35 | 13°15 | 1°22 | 0°13 | 18°59 | 25°34 | T 27 |
| W28 | 14 25 13 | 8° 8'46 | 24°11 | 24°52 | 22°56 | 18°49 | 2°57 | 20°49 | 5°43 | 1°35 | 13°13 | 1°20 | 0°10 | 19° 5 | 25°37 | W28 |
| T 29 | 14 29 9 | 9° 7'55 | 7≈23 | 24°22 | 24°11 | 19°23 | 3°11 | 20°46 | 5°45 | 1°34 | 13°12 | 1°D19 | 0° 7 | 19°12 | 25°40 | T 29 |
| F 30 | 14 33 6 | 108 7'02 | 20≈56 | 23 Y 58 | 25 Y 25 | 19957 | 3 8 26 | 20 ∡ 43 | 59947 | 1 る 33 | 13 ₾ 10 | 1 Υ 19 | 0 Υ 4 | 19 Ω 19 | 25) 44 | F 30 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)f(| Ħ | В | ß | v | Ç | o k | Day |
|------|----------|-------------------|----------------|----------------|----------------|--------------|---------------|-----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 14 37 3 | 118 6'07 | 4) 51 | 23°R39 | 26 Y 39 | 20932 | 3 8 40 | 20°R41 | 5950 | 1°R32 | 13°R 9 | 1 Υ 20 | 0Υ 0 | 19 ≏ 25 | 25) 47 | S 1 |
| S 2 | 14 40 59 | 12° 5'11 | 19° 9 | 23 Y 26 | 27°53 | 21° 6 | 3°55 | 20 ₮ 38 | 5°52 | 1 る 31 | 13 ॒ 8 | 1°22 | 29 米 57 | 19°32 | 25°50 | S 2 |
| M 3 | 14 44 56 | 13° 4'13 | 3 Ƴ 48 | 23°17 | 29° 8 | 21°40 | 4° 9 | 20°35 | 5°55 | 1°30 | 13° 6 | 1°R22 | 29°54 | 19°39 | 25°53 | M 3 |
| T 4 | 14 48 52 | 14° 3'13 | 18°43 | 23°D15 | 0822 | 22°15 | 4°24 | 20°31 | 5°57 | 1°29 | 13° 5 | 1°21 | 29°51 | 19°45 | 25°55 | T 4 |
| W 5 | 14 52 49 | 15° 2'11 | 3 8 49 | 23°17 | 1°36 | 22°49 | 4°38 | 20°28 | 6° 0 | 1°28 | 13° 4 | 1°18 | 29°48 | 19°52 | 25°58 | W 5 |
| T 6 | 14 56 45 | 16° 1'08 | 18°57 | 23°25 | 2°50 | 23°24 | 4°53 | 20°25 | 6° 2 | 1°27 | 13° 2 | 1°12 | 29°45 | 19°58 | 26° 1 | T 6 |
| F 7 | 15 0 42 | 17° 0'03 | 3 II 55 | 23°38 | 4° 4 | 23°58 | 5° 7 | 20°22 | 6° 5 | 1°26 | 13° 1 | 1° 6 | 29°41 | 20° 5 | 26° 4 | F 7 |
| S 8 | 15 438 | 17°58'55 | 18°36 | 23°56 | 5°19 | 24°33 | 5°22 | 20°18 | 6° 7 | 1°25 | 13° 0 | 0°58 | 29°38 | 20°12 | 26° 7 | S 8 |
| S 9 | 15 8 35 | 18°57'46 | 2953 | 24°18 | 6°33 | 25° 8 | 5°36 | 20°15 | 6°10 | 1°24 | 12°58 | 0°51 | 29°35 | 20°18 | 26°10 | S 9 |
| M10 | 15 12 32 | 19°56'35 | 16°41 | 24°45 | 7°47 | 25°42 | 5°50 | 20°11 | 6°13 | 1°23 | 12°57 | 0°45 | 29°32 | 20°25 | 26°12 | M10 |
| T 11 | 15 16 28 | 20°55'21 | 0 Ω 1 | 25°16 | 9° 1 | 26°17 | 6° 5 | 20° 8 | 6°15 | 1°22 | 12°56 | 0°41 | 29°29 | 20°32 | 26°15 | T 11 |
| W12 | 15 20 25 | 21°54'05 | 12°54 | 25°52 | 10°15 | 26°52 | 6°19 | 20° 4 | 6°18 | 1°21 | 12°55 | 0°39 | 29°26 | 20°38 | 26°17 | W12 |
| T 13 | 15 24 21 | 22°52'47 | 25°24 | 26°31 | 11°29 | 27°27 | 6°33 | 20° 0 | 6°21 | 1°20 | 12°54 | 0°D39 | 29°22 | 20°45 | 26°20 | T 13 |
| F 14 | 15 28 18 | 23°51'27 | 7 m 35 | 27°14 | 12°44 | 28° 2 | 6°47 | 19°57 | 6°23 | 1°19 | 12°53 | 0°39 | 29°19 | 20°52 | 26°23 | F 14 |
| S 15 | 15 32 14 | 24°50'04 | 19°33 | 28° 0 | 13°58 | 28°37 | 7° 2 | 19°53 | 6°26 | 1°17 | 12°51 | 0°41 | 29°16 | 20°58 | 26°25 | S 15 |
| S 16 | 15 36 11 | 25°48'40 | 1 ≏ 23 | 28°50 | 15°12 | 29°12 | 7°16 | 19°49 | 6°29 | 1°16 | 12°50 | 0°R41 | 29°13 | 21° 5 | 26°27 | S 16 |
| M17 | 15 40 7 | 26°47'13 | 13°10 | 29°43 | 16°26 | 29°46 | 7°30 | 19°45 | 6°32 | 1°15 | 12°49 | 0°40 | 29°10 | 21°12 | 26°30 | M17 |
| T 18 | 15 44 4 | 27°45'44 | 24°58 | 0 8 39 | 17°40 | 0Ω 22 | 7°44 | 19°41 | 6°35 | 1°14 | 12°48 | 0°37 | 29° 6 | 21°18 | 26°32 | T 18 |
| W19 | 15 48 1 | 28°44'14 | 6 M 50 | 1°39 | 18°54 | 0°57 | 7°58 | 19°37 | 6°38 | 1°12 | 12°47 | 0°32 | 29° 3 | 21°25 | 26°34 | W19 |
| T 20 | 15 51 57 | 29°42'41 | 18°48 | 2°41 | 20° 8 | 1°32 | 8°12 | 19°33 | 6°41 | 1°11 | 12°46 | 0°24 | 29° 0 | 21°32 | 26°37 | T 20 |
| F 21 | 15 55 54 | 0 Ⅱ 41'07 | 0 才 56 | 3°45 | 21°22 | 2° 7 | 8°26 | 19°29 | 6°44 | 1°10 | 12°45 | 0°14 | 28°57 | 21°38 | 26°39 | F 21 |
| S 22 | 15 59 50 | 1°39'31 | 13°13 | 4°53 | 22°36 | 2°42 | 8°40 | 19°25 | 6°47 | 1° 8 | 12°44 | 0° 3 | 28°54 | 21°45 | 26°41 | S 22 |
| S 23 | 16 3 47 | 2°37'54 | 25°41 | 6° 3 | 23°50 | 3°17 | 8°54 | 19°20 | 6°50 | 1° 7 | 12°43 | 29 米 51 | 28°51 | 21°52 | 26°43 | S 23 |
| M24 | 16 7 43 | 3°36'14 | 8 ප 21 | 7°15 | 25° 4 | 3°52 | 9° 8 | 19°16 | 6°53 | 1° 6 | 12°42 | 29°41 | 28°47 | 21°58 | 26°45 | M24 |
| T 25 | 16 11 40 | 4°34'34 | 21°12 | 8°30 | 26°18 | 4°28 | 9°22 | 19°12 | 6°56 | 1° 4 | 12°42 | 29°32 | 28°44 | 22° 5 | 26°47 | T 25 |
| W26 | 16 15 36 | 5°32'51 | 4≈16 | 9°47 | 27°32 | 5° 3 | 9°36 | 19° 8 | 6°59 | 1° 3 | 12°41 | 29°26 | 28°41 | 22°12 | 26°49 | W26 |
| T 27 | 16 19 33 | 6°31'07 | 17°33 | 11° 7 | 28°46 | 5°38 | 9°50 | 19° 3 | 7° 2 | 1° 1 | 12°40 | 29°22 | 28°38 | 22°18 | 26°51 | T 27 |
| F 28 | 16 23 30 | 7°29'22 | 1) 4 | 12°29 | 29°59 | 6°14 | 10° 4 | 18°59 | 7° 6 | 1° 0 | 12°39 | 29°21 | 28°35 | 22°25 | 26°53 | F 28 |
| S 29 | 16 27 26 | 8°27'35 | 14°52 | 13°53 | 1 I I14 | 6°49 | 10°17 | 18°54 | 7° 9 | 0°59 | 12°38 | 29°D20 | 28°32 | 22°32 | 26°55 | S 29 |
| S 30 | 16 31 23 | 9°25'47 | 28°57 | 15°19 | 2°28 | 7°24 | 10°31 | 18°50 | 7°12 | 0°57 | 12°38 | 29°R21 | 28°28 | 22°38 | 26°56 | S 30 |
| M31 | 16 35 19 | 10 Ⅲ 23'57 | 13 Y 18 | 16847 | 3 Ⅱ 42 | 8 Ω 0 | 10844 | 18 ∡ ³46 | 7 9 515 | 0 궁 56 | 12 ≏ 37 | 29 米 20 | 28 米 25 | 22 £ 45 | 26) 58 | M31 |

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| Day | Sid.t | 0 | D | ğ | Ŷ. | ď | 4 | ħ |)Å(| Ħ | В | N. | v | Ç | ę, | Day |
|------|----------|-------------------|------------------|----------------|---------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|---------------|------|
| T 1 | 16 39 16 | 11 Ⅲ 22'07 | 27 Y 54 | 18 8 17 | 4 Ⅱ 56 | 8 Ω 35 | 10 8 58 | 18°R41 | 7 9 518 | 0°R54 | 12°R36 | 29°R18 | 28) 22 | 22 £ 52 | 27 米 0 | T 1 |
| W 2 | 16 43 12 | 12°20'14 | 12 8 39 | 19°49 | 6°10 | 9°11 | 11°12 | 18 ∡ 37 | 7°22 | 0 궁 53 | 12 ≏ 36 | 29 米 12 | 28°19 | 22°58 | 27° 1 | W 2 |
| T 3 | 16 47 9 | 13°18'21 | 27°29 | 21°24 | 7°24 | 9°46 | 11°25 | 18°32 | 7°25 | 0°51 | 12°35 | 29° 4 | 28°16 | 23° 5 | 27° 3 | T 3 |
| F 4 | 16 51 5 | 14°16'26 | 12 Ⅱ 14 | 23° 0 | 8°38 | 10°22 | 11°38 | 18°28 | 7°28 | 0°50 | 12°34 | 28°54 | 28°12 | 23°11 | 27° 4 | F 4 |
| S 5 | 16 55 2 | 15°14'30 | 26°46 | 24°39 | 9°52 | 10°57 | 11°52 | 18°23 | 7°32 | 0°48 | 12°34 | 28°43 | 28° 9 | 23°18 | 27° 6 | S 5 |
| S 6 | 16 58 59 | 16°12'32 | 10 9 59 | 26°19 | 11° 6 | 11°33 | 12° 5 | 18°19 | 7°35 | 0°46 | 12°33 | 28°32 | 28° 6 | 23°25 | 27° 7 | S 6 |
| M 7 | 17 2 55 | 17°10'32 | 24°47 | 28° 2 | 12°19 | 12° 9 | 12°18 | 18°14 | 7°38 | 0°45 | 12°33 | 28°23 | 28° 3 | 23°31 | 27° 9 | M 7 |
| T 8 | 17 6 52 | 18° 8'31 | 8 N 9 | 29°46 | 13°33 | 12°44 | 12°31 | 18°10 | 7°42 | 0°43 | 12°32 | 28°15 | 28° 0 | 23°38 | 27°10 | T 8 |
| W 9 | 17 10 48 | 19° 6'28 | 21° 4 | 1 Ⅱ 33 | 14°47 | 13°20 | 12°45 | 18° 5 | 7°45 | 0°42 | 12°32 | 28°10 | 27°57 | 23°45 | 27°11 | W 9 |
| T 10 | 17 14 45 | 20° 4'23 | 3 m 37 | 3°22 | 16° 1 | 13°56 | 12°58 | 18° 1 | 7°48 | 0°40 | 12°31 | 28° 7 | 27°53 | 23°51 | 27°12 | T 10 |
| F 11 | 17 18 41 | 21° 2'16 | 15°50 | 5°12 | 17°15 | 14°32 | 13°11 | 17°56 | 7°52 | 0°39 | 12°31 | 28° 7 | 27°50 | 23°58 | 27°13 | F 11 |
| S 12 | 17 22 38 | 22° 0'08 | 27°49 | 7° 5 | 18°29 | 15° 7 | 13°24 | 17°52 | 7°55 | 0°37 | 12°31 | 28° 6 | 27°47 | 24° 5 | 27°14 | S 12 |
| S 13 | 17 26 35 | 22°57'58 | 9 ≙ 40 | 9° 0 | 19°43 | 15°43 | 13°36 | 17°47 | 7°59 | 0°35 | 12°30 | 28° 6 | 27°44 | 24°11 | 27°15 | S 13 |
| M14 | 17 30 31 | 23°55'46 | 21°28 | 10°57 | 20°57 | 16°19 | 13°49 | 17°43 | 8° 2 | 0°34 | 12°30 | 28° 5 | 27°41 | 24°18 | 27°16 | M14 |
| T 15 | 17 34 28 | 24°53'33 | 3 M .18 | 12°56 | 22°10 | 16°55 | 14° 2 | 17°38 | 8° 6 | 0°32 | 12°30 | 28° 1 | 27°38 | 24°25 | 27°17 | T 15 |
| Wl6 | 17 38 24 | 25°51'19 | 15°14 | 14°56 | 23°24 | 17°31 | 14°15 | 17°34 | 8° 9 | 0°31 | 12°30 | 27°54 | 27°34 | 24°31 | 27°18 | W16 |
| T 17 | 17 42 21 | 26°49'03 | 27°20 | 16°59 | 24°38 | 18° 7 | 14°27 | 17°29 | 8°13 | 0°29 | 12°29 | 27°45 | 27°31 | 24°38 | 27°19 | T 17 |
| F 18 | 17 46 17 | 27°46'46 | 9 . ₹38 | 19° 3 | 25°52 | 18°42 | 14°40 | 17°25 | 8°16 | 0°27 | 12°29 | 27°34 | 27°28 | 24°45 | 27°19 | F 18 |
| S 19 | 17 50 14 | 28°44'27 | 22°10 | 21° 9 | 27° 6 | 19°18 | 14°52 | 17°20 | 8°20 | 0°26 | 12°29 | 27°21 | 27°25 | 24°51 | 27°20 | S 19 |
| S 20 | 17 54 10 | 29°42'08 | 4 궁 55 | 23°17 | 28°20 | 19°54 | 15° 4 | 17°16 | 8°23 | 0°24 | 12°29 | 27° 8 | 27°22 | 24°58 | 27°21 | S 20 |
| M21 | 17 58 7 | 0939'47 | 17°54 | 25°26 | 29°33 | 20°30 | 15°17 | 17°12 | 8°27 | 0°22 | 12°29 | 26°56 | 27°18 | 25° 5 | 27°21 | M21 |
| T 22 | 18 2 4 | 1°37'25 | 1≈ 6 | 27°36 | 09647 | 21° 6 | 15°29 | 17° 7 | 8°30 | 0°21 | 12°29 | 26°45 | 27°15 | 25°11 | 27°22 | T 22 |
| W23 | 18 6 0 | 2°35'02 | 14°28 | 29°47 | 2° 1 | 21°42 | 15°41 | 17° 3 | 8°34 | 0°19 | 12°D29 | 26°38 | 27°12 | 25°18 | 27°22 | W23 |
| T 24 | 18 9 57 | 3°32'38 | 28° 1 | 1958 | 3°15 | 22°18 | 15°53 | 16°59 | 8°37 | 0°18 | 12°29 | 26°33 | 27° 9 | 25°25 | 27°23 | T 24 |
| F 25 | 18 13 53 | 4°30'13 | 11) (43 | 4°10 | 4°29 | 22°54 | 16° 5 | 16°55 | 8°41 | 0°16 | 12°29 | 26°31 | 27° 6 | 25°31 | 27°23 | F 25 |
| S 26 | 18 17 50 | 5°27'47 | 25°35 | 6°23 | 5°42 | 23°31 | 16°17 | 16°51 | 8°44 | 0°14 | 12°29 | 26°D30 | 27° 3 | 25°38 | 27°23 | S 26 |
| S 27 | 18 21 46 | 6°25'21 | 9 Y 36 | 8°35 | 6°56 | 24° 7 | 16°29 | 16°46 | 8°48 | 0°13 | 12°29 | 26°R30 | 26°59 | 25°45 | 27°23 | S 27 |
| M28 | 18 25 43 | 7°22'54 | 23°47 | 10°47 | 8°10 | 24°43 | 16°40 | 16°42 | 8°51 | 0°11 | 12°29 | 26°30 | 26°56 | 25°51 | 27°23 | M28 |
| T 29 | 18 29 39 | 8°20'26 | 8 8 5 | 12°58 | 9°24 | 25°19 | 16°52 | 16°38 | 8°55 | <u>0</u> °10 | 12°30 | 26°27 | 26°53 | 25°58 | 27°24 | T 29 |
| W30 | 18 33 36 | 9 © 17'58 | 22828 | 1599 9 | 10938 | 25 Ω 55 | 178 4 | 16 ₹ 34 | 8958 | 8 동 | 12 ≏ 30 | 26 ∺ 22 | 26 米 50 | 26 ♀ 5 | 27°R24 | W30 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)Å(| ¥. | В | ₽. | v | Ç | Š, | Day |
|------|----------|------------------|----------------|---------------|----------------|-----------------|---------------|----------------|----------------|-----------------|----------------|-----------------|------------------|----------------|----------------|------|
| T 1 | 18 37 33 | 109515'29 | 6Д52 | 179518 | 11951 | 26€31 | 17815 | 16°R30 | 9 9 5 2 | 0°R 6 | 12 △ 30 | 26°R14 | 26) (47 | 26 ₽ 11 | 27°R24 | T 1 |
| F 2 | 18 41 29 | 11°13'00 | 21°13 | 19°26 | 13° 5 | 27° 8 | 17°26 | 16 ₹ 26 | 9° 5 | 0중 5 | 12°30 | 26) 4 | 26°44 | 26°18 | 27) 23 | F 2 |
| S 3 | 18 45 26 | 12°10'29 | 5924 | 21°32 | 14°19 | 27°44 | 17°38 | 16°23 | 9° 9 | 0° 3 | 12°31 | 25°53 | 26°40 | 26°25 | 27°23 | S 3 |
| S 4 | 18 49 22 | 13° 7'58 | 19°20 | 23°37 | 15°33 | 28°20 | 17°49 | 16°19 | 9°13 | 0° 2 | 12°31 | 25°42 | 26°37 | 26°31 | 27°23 | S 4 |
| M 5 | 18 53 19 | 14° 5'26 | 2Ω 56 | 25°40 | 16°47 | 28°57 | 18° 0 | 16°15 | 9°16 | 0° 0 | 12°31 | 25°32 | 26°34 | 26°38 | 27°23 | M 5 |
| T 6 | 18 57 15 | 15° 2'53 | 16°10 | 27°40 | 18° 0 | 29°33 | 18°11 | 16°11 | 9°20 | 29 × 758 | 12°32 | 25°25 | 26°31 | 26°45 | 27°23 | T 6 |
| W 7 | 19 1 12 | 16° 0'20 | 29° 1 | 29°39 | 19°14 | 0 m) 9 | 18°22 | 16° 8 | 9°23 | 29°57 | 12°32 | 25°19 | 26°28 | 26°51 | 27°22 | W 7 |
| T 8 | 19 5 9 | 16°57'45 | 11 Mp 32 | 1 Ω 36 | 20°28 | 0°46 | 18°32 | 16° 4 | 9°27 | 29°55 | 12°33 | 25°17 | 26°24 | 26°58 | 27°22 | T 8 |
| F 9 | 19 9 5 | 17°55'09 | 23°46 | 3°30 | 21°42 | 1°22 | 18°43 | 16° 1 | 9°30 | 29°54 | 12°33 | 25°D16 | 26°21 | 27° 5 | 27°21 | F 9 |
| S 10 | 19 13 2 | 18°52'33 | 5 ≏ 46 | 5°22 | 22°55 | 1°58 | 18°54 | 15°57 | 9°34 | 29°52 | 12°34 | 25°16 | 26°18 | 27°11 | 27°21 | S 10 |
| S 11 | 19 16 58 | 19°49'55 | 17°38 | 7°12 | 24° 9 | 2°35 | 19° 4 | 15°54 | 9°37 | 29°51 | 12°34 | 25°R16 | 26°15 | 27°18 | 27°20 | S 11 |
| M12 | 19 20 55 | 20°47'17 | 29°28 | 8°59 | 25°23 | 3°11 | 19°14 | 15°51 | 9°41 | 29°49 | 12°35 | 25°16 | 26°12 | 27°25 | 27°20 | M12 |
| T 13 | 19 24 51 | 21°44'38 | 11 M 20 | 10°44 | 26°37 | 3°48 | 19°25 | 15°47 | 9°44 | 29°48 | 12°36 | 25°14 | 26° 9 | 27°31 | 27°19 | T 13 |
| W14 | 19 28 48 | 22°41'58 | 23°19 | 12°27 | 27°50 | 4°24 | 19°35 | 15°44 | 9°48 | 29°46 | 12°36 | 25°10 | 26° 5 | 27°38 | 27°18 | W14 |
| T 15 | 19 32 44 | 23°39'17 | 5 ₹ 30 | 14° 7 | 29° 4 | 5° 1 | 19°45 | 15°41 | 9°51 | 29°45 | 12°37 | 25° 3 | 26° 2 | 27°45 | 27°17 | T 15 |
| F 16 | 19 36 41 | 24°36'36 | 17°57 | 15°45 | 0Ω18 | 5°37 | 19°55 | 15°38 | 9°55 | 29°43 | 12°38 | 24°55 | 25°59 | 27°51 | 27°16 | F 16 |
| S 17 | 19 40 38 | 25°33'54 | 0 중 40 | 17°20 | 1°32 | 6°14 | 20° 4 | 15°35 | 9°58 | 29°42 | 12°39 | 24°45 | 25°56 | 27°58 | 27°15 | S 17 |
| S 18 | 19 44 34 | 26°31'12 | 13°41 | 18°53 | 2°45 | 6°50 | 20°14 | 15°32 | 10° 1 | 29°41 | 12°39 | 24°35 | 25°53 | 28° 5 | 27°14 | S 18 |
| M19 | 19 48 31 | 27°28'29 | 27° 0 | 20°24 | 3°59 | 7°27 | 20°24 | 15°30 | 10° 5 | 29°39 | 12°40 | 24°26 | 25°50 | 28°11 | 27°13 | M19 |
| T 20 | 19 52 27 | 28°25'46 | 10≈33 | 21°52 | 5°13 | 8° 4 | 20°33 | 15°27 | 10°8 | 29°38 | 12°41 | 24°18 | 25°46 | 28°18 | 27°12 | T 20 |
| W21 | 19 56 24 | 29°23'03 | 24°20 | 23°18 | 6°27 | 8°40 | 20°42 | 15°24 | 10°12 | 29°36 | 12°42 | 24°13 | 25°43 | 28°25 | 27°11 | W21 |
| T 22 | 20 0 20 | $0\Omega 20'19$ | 8 米 16 | 24°41 | 7°40 | 9°17 | 20°52 | 15°22 | 10°15 | 29°35 | 12°43 | 24° 9 | 25°40 | 28°31 | 27°10 | T 22 |
| F 23 | 20 4 17 | 1°17'36 | 22°19 | 26° 1 | 8°54 | 9°54 | 21° 1 | 15°19 | 10°18 | 29°34 | 12°44 | 24°D 8 | 25°37 | 28°38 | 27° 9 | F 23 |
| S 24 | 20 8 13 | 2°14'52 | 6 Υ 26 | 27°20 | 10° 8 | 10°30 | 21°10 | 15°17 | 10°22 | 29°32 | 12°45 | 24° 9 | 25°34 | 28°45 | 27° 8 | S 24 |
| S 25 | 20 12 10 | 3°12'08 | 20°36 | 28°35 | 11°22 | 11° 7 | 21°18 | 15°15 | 10°25 | 29°31 | 12°46 | 24°10 | 25°30 | 28°51 | 27° 6 | S 25 |
| M26 | 20 16 7 | 4° 9'25 | 4846 | 29°48 | 12°35 | 11°44 | 21°27 | 15°12 | 10°28 | 29°30 | 12°47 | 24°R10 | 25°27 | 28°58 | 27° 5 | M26 |
| T 27 | 20 20 3 | 5° 6'41 | 18°55 | 0 m 58 | 13°49 | 12°21 | 21°36 | 15°10 | 10°32 | 29°29 | 12°48 | 24° 9 | 25°24 | 29° 5 | 27° 3 | T 27 |
| W28 | 20 24 0 | 6° 3'59 | 3 II 2 | 2° 5 | 15° 3 | 12°57 | 21°44 | 15° 8 | 10°35 | 29°27 | 12°49 | 24° 7 | 25°21 | 29°11 | 27° 2 | W28 |
| T 29 | 20 27 56 | 7° 1'16 | 17° 4 | 3° 9 | 16°17 | 13°34 | 21°52 | 15° 6 | 10°38 | 29°26 | 12°50 | 24° 2 | 25°18 | 29°18 | 27° 0 | T 29 |
| F 30 | 20 31 53 | 7°58'33 | 0959 | 4°11 | 17°30 | 14°11 | 22° 0 | 15° 4 | 10°42 | 29°25 | 12°51 | 23°56 | 25°15 | 29°25 | 26°59 | F 30 |
| S 31 | 20 35 49 | 8 Ω 55'51 | 149543 | 5Mp 9 | 18 Ω 44 | 14 M)48 | 22 8 8 | 15 × 3 | 109645 | 29 × 24 | 12 ≏ 52 | 23) (48 | 25 米 11 | 29 ₽ 31 | 26 ∺ 57 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)Å(| 卉 | В | ₽. | v | Ç | Ŷ, | Day |
| S 1 | 20 39 46 | 9 Ω 53'09 | 289514 | 6Mp 4 | 19 Ω 58 | 15 m 25 | 22816 | 15°R 1 | 109548 | 29°R23 | 12 ≏ 53 | 23°R41 | 25 ∺ 8 | 29 ₾ 38 | 26°R56 | S 1 |
| M 2 | 20 43 43 | 10°50'27 | $11\Omega_{29}$ | 6°56 | 21°12 | 16° 2 | 22°24 | 14 ×7 59 | 10°51 | 29 × 22 | 12°55 | 23 米 35 | 25° 5 | 29°45 | 26) 54 | M 2 |
| T 3 | 20 47 39 | 11°47'45 | 24°27 | 7°45 | 22°25 | 16°39 | 22°31 | 14°58 | 10°54 | 29°20 | 12°56 | 23°30 | 25° 2 | 29°51 | 26°52 | T 3 |
| W 4 | 20 51 36 | 12°45'03 | 7 m 8 | 8°30 | 23°39 | 17°16 | 22°39 | 14°57 | 10°57 | 29°19 | 12°57 | 23°27 | 24°59 | 29°58 | 26°50 | W 4 |
| T 5 | 20 55 32 | 13°42'20 | 19°32 | 9°11 | 24°53 | 17°53 | 22°46 | 14°55 | 11° 1 | 29°18 | 12°58 | 23°D25 | 24°56 | OM 5 | 26°48 | T 5 |
| F 6 | 20 59 29 | 14°39'38 | 1 ≏ 42 | 9°48 | 26° 6 | 18°30 | 22°53 | 14°54 | 11° 4 | 29°17 | 13° 0 | 23°25 | 24°52 | 0°11 | 26°46 | F 6 |
| S 7 | 21 3 25 | 15°36'56 | 13°41 | 10°22 | 27°20 | 19° 7 | 23° 0 | 14°53 | 11° 7 | 29°16 | 13° 1 | 23°27 | 24°49 | 0°18 | 26°45 | S 7 |
| S 8 | 21 7 22 | 16°34'14 | 25°33 | 10°51 | 28°34 | 19°44 | 23° 7 | 14°52 | 11°10 | 29°15 | 13° 2 | 23°28 | 24°46 | 0°25 | 26°43 | S 8 |
| M 9 | 21 11 18 | 17°31'32 | 7 M 23 | 11°17 | 29°48 | 20°21 | 23°14 | 14°51 | 11°13 | 29°14 | 13° 4 | 23°30 | 24°43 | 0°31 | 26°40 | M 9 |
| T 10 | 21 15 15 | 18°28'50 | 19°15 | 11°37 | 1 Mp 1 | 20°58 | 23°20 | 14°50 | 11°16 | 29°13 | 13° 5 | 23°R30 | 24°40 | 0°38 | 26°38 | T 10 |
| W11 | 21 19 12 | 19°26'09 | 1 才 16 | 11°54 | 2°15 | 21°35 | 23°26 | 14°49 | 11°19 | 29°13 | 13° 7 | 23°29 | 24°36 | 0°45 | 26°36 | W11 |
| T 12 | 21 23 8 | 20°23'27 | 13°28 | 12° 5 | 3°29 | 22°12 | 23°32 | 14°49 | 11°22 | 29°12 | 13° 8 | 23°27 | 24°33 | 0°51 | 26°34 | T 12 |
| F 13 | 21 27 5 | 21°20'45 | 2 <u>5</u> °58 | 12°12 | 4°42 | 22°49 | 23°39 | 14°48 | 11°25 | 29°11 | 13°10 | 23°24 | 24°30 | 0°58 | 26°32 | F 13 |
| S 14 | 21 31 1 | 22°18'04 | 8 궁 46 | 12°R14 | 5°56 | 23°27 | 23°44 | 14°48 | 11°28 | 29°10 | 13°11 | 23°20 | 24°27 | 1° 5 | 26°30 | S 14 |
| S 15 | 21 34 58 | 23°15'23 | 21°57 | 12°11 | 7°10 | 24° 4 | 23°50 | 14°47 | 11°30 | 29° 9 | 13°13 | 23°15 | 24°24 | 1°11 | 26°28 | S 15 |
| M16 | 21 38 54 | 24°12'43 | 5≈29 | 12° 3 | 8°23 | 24°41 | 23°56 | 14°47 | 11°33 | 29° 8 | 13°14 | 23°10 | 24°21 | 1°18 | 26°25 | M16 |
| T 17 | 21 42 51 | 25°10'02 | 19°22 | 11°50 | 9°37 | 25°18 | 24° 1 | 14°47 | 11°36 | 29° 8 | 13°16 | 23° 7 | 24°17 | 1°25 | 26°23 | T 17 |
| W18 | 21 46 47 | 26° 7'22 | 3 ∺ 31 | 11°32 | 10°51 | 25°56 | 24° 6 | 14°D47 | 11°39 | 29° 7 | 13°18 | 23° 4 | 24°14 | 1°31 | 26°21 | W18 |
| T 19 | 21 50 44 | 27° 4'43 | 17°53 | 11°10 | 12° 4 | 26°33 | 24°11 | 14°47 | 11°42 | 29° 6 | 13°19 | 23°D 3 | 24°11 | 1°38 | 26°18 | T 19 |
| F 20 | 21 54 41 | 28° 2'04 | 2 Υ 21 | 10°42 | 13°18 | 27°10 | 24°16 | 14°47 | 11°44 | 29° 6 | 13°21 | 23° 3 | 24° 8 | 1°45 | 26°16 | F 20 |
| S 21 | 21 58 37 | 28°59'27 | 16°52 | 10°11 | 14°32 | 27°48 | 24°21 | 14°48 | 11°47 | 29° 5 | 13°22 | 23° 4 | 24° 5 | 1°51 | 26°13 | S 21 |
| S 22 | 22 2 34 | 29°56'50 | 1820 | 9°36 | 15°45 | 28°25 | 24°25 | 14°48 | 11°50 | 29° 4 | 13°24 | 23° 6 | 24° 2 | 1°58 | 26°11 | S 22 |
| M23 | 22 6 30 | 0 m 54'14 | 15°41 | 8°57 | 16°59 | 29° 2 | 24°29 | 14°48 | 11°52 | 29° 4 | 13°26 | 23° 7 | 23°58 | 2° 5 | 26° 8 | M23 |
| T 24 | 22 10 27 | 1°51'39 | 29°53 | 8°15 | 18°13 | 29°40 | 24°33 | 14°49 | 11°55 | 29° 3 | 13°28 | 23°R 8 | 23°55 | 2°11 | 26° 6 | T 24 |
| W25 | 22 14 23 | 2°49'06 | 13 Ⅱ 53 | 7°31 | 19°26 | 0 ჲ 17 | 24°37 | 14°49 | 11°57 | 29° 3 | 13°29 | 23° 7 | 23°52 | 2°18 | 26° 3 | W25 |
| T 26 | 22 18 20 | 3°46'33 | 27°41 | 6°46 | 20°40 | 0°55 | 24°41 | 14°50 | 12° 0 | 29° 2 | 13°31 | 23° 6 | 23°49 | 2°25 | 26° 1 | T 26 |
| F 27 | 22 22 16 | 4°44'02 | 119915 | 6° 0 | 21°54 | 1°32 | 24°45 | 14°51 | 12° 2 | 29° 2 | 13°33 | 23° 4 | 23°46 | 2°32 | 25°58 | F 27 |
| S 28 | 22 26 13 | 5°41'32 | 24°35 | 5°14 | 23° 7 | 2°10 | 24°48 | 14°52 | 12° 5 | 29° 1 | 13°35 | 23° 2 | 23°42 | 2°38 | 25°55 | S 28 |
| S 29 | 22 30 10 | 6°39'02 | 7 Ω 42 | 4°29 | 24°21 | 2°47 | 24°51 | 14°53 | 12° 7 | 29° 1 | 13°37 | 22°59 | 23°39 | 2°45 | 25°53 | S 29 |
| M30 | 22 34 6 | 7°36'34 | 20°34 | 3°46 | 25°34 | 3°25 | 24°54 | 14°54 | 12° 9 | 29° 1 | 13°38 | 22°57 | 23°36 | 2°52 | 25°50 | M30 |
| T 31 | 22 38 3 | 8 m 34'07 | 3 m 12 | 3 Mp 5 | 26 M 48 | 4 º 3 | 24 8 57 | 14 ×7 55 | 129512 | 29 × 0 | 13 <u>₽</u> 40 | 22 米 56 | 23 米 33 | 2 M .58 | 25) 47 | T 31 |

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|------|----------|------------------|-----------------|----------------|----------------|---------------|----------------|-----------------|--------|----------------|----------------|----------------|-----------------|---------------|----------------|------|
| W 1 | 22 41 59 | 9 m 31'40 | 15 m)37 | 2°R28 | 28M) 2 | 4 ₽ 40 | 25 8 0 | 14 × 757 | 129514 | 29°R 0 | 13 ≏ 42 | 22°R55 | 23) (30 | 3M 5 | 25°R45 | W 1 |
| T 2 | 22 45 56 | 10°29'15 | 27°51 | 1 M 55 | 29°15 | 5°18 | 25° 2 | 14°58 | 12°16 | 29 ×7 0 | 13°44 | 22°D55 | 23°27 | 3°12 | 25) 42 | T 2 |
| F 3 | 22 49 52 | 11°26'50 | 9 ≙ 54 | 1°27 | 0 ჲ 29 | 5°56 | 25° 5 | 15° 0 | 12°18 | 29° 0 | 13°46 | 22 米 55 | 23°23 | 3°18 | 25°39 | F 3 |
| S 4 | 22 53 49 | 12°24'26 | 21°49 | 1° 5 | 1°42 | 6°33 | 25° 7 | 15° 1 | 12°21 | 28°59 | 13°48 | 22°56 | 23°20 | 3°25 | 25°36 | S 4 |
| S 5 | 22 57 45 | 13°22'04 | 3 M .40 | 0°48 | 2°56 | 7°11 | 25° 8 | 15° 3 | 12°23 | 28°59 | 13°50 | 22°57 | 23°17 | 3°32 | 25°34 | S 5 |
| M 6 | 23 1 42 | 14°19'42 | 15°29 | 0°39 | 4° 9 | 7°49 | 25°10 | 15° 5 | 12°25 | 28°59 | 13°52 | 22°58 | 23°14 | 3°38 | 25°31 | M 6 |
| T 7 | 23 5 38 | 15°17'21 | 27°21 | 0°D36 | 5°23 | 8°27 | 25°12 | 15° 7 | 12°27 | 28°59 | 13°54 | 22°59 | 23°11 | 3°45 | 25°28 | T 7 |
| W 8 | 23 9 35 | 16°15'01 | 9 ₹ 21 | 0°40 | 6°36 | 9° 5 | 25°13 | 15° 9 | 12°29 | 28°59 | 13°56 | 22°59 | 23° 7 | 3°52 | 25°25 | W 8 |
| T 9 | 23 13 32 | 17°12'42 | 2 <u>1</u> °32 | 0°51 | 7°50 | 9°42 | 25°14 | 15°11 | 12°31 | 28°59 | 13°58 | 22°R59 | 23° 4 | 3°58 | 25°22 | T 9 |
| F 10 | 23 17 28 | 18°10'24 | 3 궁 59 | 1°10 | 9° 3 | 10°20 | 25°15 | 15°13 | 12°33 | 28°D59 | 14° 0 | 22°59 | 23° 1 | 4° 5 | 25°19 | F 10 |
| S 11 | 23 21 25 | 19° 8'07 | 16°47 | 1°36 | 10°17 | 10°58 | 25°15 | 15°15 | 12°35 | 28°59 | 14° 2 | 22°59 | 22°58 | 4°12 | 25°17 | S 11 |
| S 12 | 23 25 21 | 20° 5'51 | 29°58 | 2°10 | 11°30 | 11°36 | 25°16 | 15°18 | 12°36 | 28°59 | 14° 4 | 22°58 | 22°55 | 4°18 | 25°14 | S 12 |
| M13 | 23 29 18 | 21° 3'36 | 13 ≈ 34 | 2°51 | 12°44 | 12°14 | 25°16 | 15°20 | 12°38 | 28°59 | 14° 6 | 22°58 | 22°52 | 4°25 | 25°11 | M13 |
| T 14 | 23 33 14 | 22° 1'22 | 27°35 | 3°39 | 13°57 | 12°52 | 25°R16 | 15°23 | 12°40 | 28°59 | 14° 8 | 22°58 | 22°48 | 4°32 | 25° 8 | T 14 |
| W15 | 23 37 11 | 22°59'09 | 11 米 59 | 4°34 | 15°11 | 13°30 | 25°16 | 15°25 | 12°42 | 28°59 | 14°10 | 22°D58 | 22°45 | 4°38 | 25° 5 | W15 |
| T 16 | 23 41 7 | 23°56'57 | 26°40 | 5°36 | 16°24 | 14° 8 | 25°16 | 15°28 | 12°43 | 28°59 | 14°12 | 22°R58 | 22°42 | 4°45 | 25° 2 | T 16 |
| F 17 | 23 45 4 | 24°54'47 | 11 Y 33 | 6°45 | 17°37 | 14°46 | 25°15 | 15°31 | 12°45 | 29° 0 | 14°14 | 22°58 | 22°39 | 4°52 | 24°59 | F 17 |
| S 18 | 23 49 1 | 25°52'38 | 26°29 | 7°59 | 18°51 | 15°24 | 25°15 | 15°34 | 12°46 | 29° 0 | 14°16 | 22°58 | 22°36 | 4°58 | 24°56 | S 18 |
| S 19 | 23 52 57 | 26°50'31 | 11820 | 9°20 | 20° 4 | 16° 3 | 25°14 | 15°37 | 12°48 | 29° 0 | 14°19 | 22°57 | 22°33 | 5° 5 | 24°54 | S 19 |
| M20 | 23 56 54 | 27°48'25 | 26° 0 | 10°46 | 21°18 | 16°41 | 25°13 | 15°40 | 12°49 | 29° 0 | 14°21 | 22°57 | 22°29 | 5°12 | 24°51 | M20 |
| T 21 | 0 0 50 | 28°46'22 | 10 Ⅲ 24 | 12°17 | 22°31 | 17°19 | 25°11 | 15°43 | 12°51 | 29° 1 | 14°23 | 22°56 | 22°26 | 5°18 | 24°48 | T 21 |
| W22 | 0 4 47 | 29°44'20 | 24°28 | 13°52 | 23°44 | 17°57 | 25°10 | 15°46 | 12°52 | 29° 1 | 14°25 | 22°D56 | 22°23 | 5°25 | 24°45 | W22 |
| T 23 | 0 8 43 | 0 △ 42'20 | 89512 | 15°31 | 24°58 | 18°35 | 25° 8 | 15°49 | 12°53 | 29° 2 | 14°27 | 22°56 | 22°20 | 5°32 | 24°42 | T 23 |
| F 24 | 0 12 40 | 1°40'21 | 21°35 | 17°14 | 26°11 | 19°14 | 25° 6 | 15°53 | 12°55 | 29° 2 | 14°29 | 22°57 | 22°17 | 5°39 | 24°39 | F 24 |
| S 25 | 0 16 36 | 2°38'25 | 4 Ω 39 | 19° 0 | 27°24 | 19°52 | 25° 4 | 15°56 | 12°56 | 29° 3 | 14°32 | 22°57 | 22°13 | 5°45 | 24°36 | S 25 |
| S 26 | 0 20 33 | 3°36'30 | 17°26 | 20°48 | 28°37 | 20°31 | 25° 2 | 16° 0 | 12°57 | 29° 3 | 14°34 | 22°58 | 22°10 | 5°52 | 24°34 | S 26 |
| M27 | 0 24 30 | 4°34'37 | 29°59 | 22°39 | 29°51 | 21° 9 | 24°59 | 16° 4 | 12°58 | 29° 4 | 14°36 | 22°59 | 22° 7 | 5°59 | 24°31 | M27 |
| T 28 | 0 28 26 | 5°32'46 | 12 M p19 | 24°31 | 1 m 4 | 21°47 | 24°57 | 16° 7 | 12°59 | 29° 4 | 14°38 | 23° 0 | 22° 4 | 6° 5 | 24°28 | T 28 |
| W29 | 0 32 23 | 6°30'56 | 24°30 | 26°25 | 2°17 | 22°26 | 24°54 | 16°11 | 13° 0 | 29° 5 | 14°40 | 23°R 0 | 22° 1 | 6°12 | 24°25 | W29 |
| T 30 | 0 36 19 | 7 ≏ 29'08 | 6 ₾ 32 | 28 m 19 | 3 M .31 | 23 ₾ 4 | 24 8 51 | 16 ∡ 15 | 1395 1 | 29 x 5 | 14 ≏ 42 | 23 米 0 | 21 米 58 | 6 M 19 | 24) 22 | T 30 |

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|------|---------|------------------|----------------|----------------|----------------|-----------------|----------------|----------------|--------|----------------------------|----------------|----------------|------------------|----------------|----------------|------|
| F 1 | 0 40 16 | 8 ₾ 27'22 | 18 ≏ 28 | 0 ჲ 14 | 4M.44 | 23 <u>~</u> 43 | 24°R47 | 16 х 19 | 1395 2 | 29 × ⁷ 6 | 14 ≏ 45 | 22°R59 | 21) (54 | 6ML25 | 24°R20 | F 1 |
| S 2 | 0 44 12 | 9°25'37 | 0 M .19 | 2° 9 | 5°57 | 24°21 | 24844 | 16°23 | 13° 3 | 29° 7 | 14°47 | 22 米 57 | 21°51 | 6°32 | 24 米 17 | S 2 |
| S 3 | 0 48 9 | 10°23'54 | 12° 9 | 4° 4 | 7°10 | 25° 0 | 24°40 | 16°27 | 13° 4 | 29° 8 | 14°49 | 22°54 | 21°48 | 6°39 | 24°14 | S 3 |
| M 4 | 0 52 5 | 11°22'13 | 23°58 | 5°59 | 8°23 | 25°39 | 24°36 | 16°32 | 13° 5 | 29° 8 | 14°51 | 22°51 | 21°45 | 6°45 | 24°11 | M 4 |
| T 5 | 0 56 2 | 12°20'33 | 5 ₹ 51 | 7°54 | 9°37 | 26°17 | 24°32 | 16°36 | 13° 5 | 29° 9 | 14°53 | 22°48 | 21°42 | 6°52 | 24° 9 | T 5 |
| W 6 | 0 59 59 | 13°18'55 | 17°50 | 9°48 | 10°50 | 26°56 | 24°28 | 16°40 | 13° 6 | 29°10 | 14°56 | 22°46 | 21°39 | 6°59 | 24° 6 | W 6 |
| T 7 | 1 3 55 | 14°17'18 | 29°59 | 11°42 | 12° 3 | 27°35 | 24°24 | 16°45 | 13° 7 | 29°11 | 14°58 | 22°44 | 21°35 | 7° 5 | 24° 3 | T 7 |
| F 8 | 1 7 52 | 15°15'43 | 12 る 24 | 13°35 | 13°16 | 28°14 | 24°19 | 16°49 | 13° 7 | 29°12 | 15° 0 | 22°D43 | 21°32 | 7°12 | 24° 1 | F 8 |
| S 9 | 1 11 48 | 16°14'09 | 25° 6 | 15°27 | 14°29 | 28°52 | 24°14 | 16°54 | 13° 8 | 29°13 | 15° 2 | 22°43 | 21°29 | 7°19 | 23°58 | S 9 |
| S 10 | 1 15 45 | 17°12'37 | 8≈11 | 17°18 | 15°42 | 29°31 | 24°10 | 16°59 | 13° 8 | 29°14 | 15° 5 | 22°45 | 21°26 | 7°25 | 23°56 | S 10 |
| M11 | 1 19 41 | 18°11'06 | 21°42 | 19°8 | 16°55 | 0 M _10 | 24° 4 | 17° 3 | 13° 9 | 29°15 | 15° 7 | 22°46 | 21°23 | 7°32 | 23°53 | M11 |
| T 12 | 1 23 38 | 19° 9'37 | 5 ₩ 39 | 20°57 | 18° 8 | 0°49 | 23°59 | 17° 8 | 13° 9 | 29°16 | 15° 9 | 22°47 | 21°19 | 7°39 | 23°51 | T 12 |
| W13 | 1 27 34 | 20° 8'09 | 20° 4 | 22°46 | 19°21 | 1°28 | 23°54 | 17°13 | 13° 9 | 29°17 | 15°11 | 22°R48 | 21°16 | 7°45 | 23°48 | W13 |
| T 14 | 1 31 31 | 21° 6'43 | 4 Υ 52 | 24°33 | 20°34 | 2° 7 | 23°48 | 17°18 | 13°10 | 29°18 | 15°13 | 22°48 | 21°13 | 7°52 | 23°46 | T 14 |
| F 15 | 1 35 27 | 22° 5'19 | 19°57 | 26°19 | 21°47 | 2°46 | 23°43 | 17°23 | 13°10 | 29°19 | 15°16 | 22°46 | 21°10 | 7°59 | 23°43 | F 15 |
| S 16 | 1 39 24 | 23° 3'57 | 5 8 10 | 28° 5 | 23° 0 | 3°25 | 23°37 | 17°28 | 13°10 | 29°20 | 15°18 | 22°43 | 21° 7 | 8° 6 | 23°41 | S 16 |
| S 17 | 1 43 21 | 24° 2'37 | 20°22 | 29°49 | 24°13 | 4° 4 | 23°31 | 17°33 | 13°10 | 29°21 | 15°20 | 22°39 | 21° 4 | 8°12 | 23°38 | S 17 |
| M18 | 1 47 17 | 25° 1'18 | 5 Ⅱ 22 | 1ML32 | 25°26 | 4°43 | 23°24 | 17°38 | 13°10 | 29°22 | 15°22 | 22°34 | 21° 0 | 8°19 | 23°36 | M18 |
| T 19 | 1 51 14 | 26° 0'02 | 20° 3 | 3°15 | 26°39 | 5°22 | 23°18 | 17°44 | 13°R10 | 29°23 | 15°24 | 22°30 | 20°57 | 8°26 | 23°34 | T 19 |
| W20 | 1 55 10 | 26°58'48 | 49518 | 4°56 | 27°52 | 6° 1 | 23°12 | 17°49 | 13°10 | 29°25 | 15°27 | 22°26 | 20°54 | 8°32 | 23°32 | W20 |
| T 21 | 1 59 7 | 27°57'37 | 18° 7 | 6°37 | 29° 4 | 6°41 | 23° 5 | 17°54 | 13°10 | 29°26 | 15°29 | 22°24 | 20°51 | 8°39 | 23°29 | T 21 |
| F 22 | 2 3 3 | 28°56'27 | 1 Ω 29 | 8°17 | 0 才 17 | 7°20 | 22°59 | 18° 0 | 13°10 | 29°27 | 15°31 | 22°D24 | 20°48 | 8°46 | 23°27 | F 22 |
| S 23 | 2 7 0 | 29°55'20 | 14°27 | 9°55 | 1°30 | 7°59 | 22°52 | 18° 5 | 13°10 | 29°29 | 15°33 | 22°25 | 20°45 | 8°52 | 23°25 | S 23 |
| S 24 | 2 10 57 | 0ML54'15 | 27° 4 | 11°33 | 2°43 | 8°39 | 22°45 | 18°11 | 13°10 | 29°30 | 15°35 | 22°26 | 20°41 | 8°59 | 23°23 | S 24 |
| M25 | 2 14 53 | 1°53'12 | 9 ™ 25 | 13°10 | 3°56 | 9°18 | 22°38 | 18°17 | 13° 9 | 29°31 | 15°37 | 22°28 | 20°38 | 9° 6 | 23°21 | M25 |
| T 26 | 2 18 50 | 2°52'11 | 21°34 | 14°47 | 5° 8 | 9°57 | 22°31 | 18°22 | 13° 9 | 29°33 | 15°39 | 22°R29 | 20°35 | 9°12 | 23°19 | T 26 |
| W27 | 2 22 46 | 3°51'12 | 3 ₾ 33 | 16°22 | 6°21 | 10°37 | 22°23 | 18°28 | 13° 8 | 29°34 | 15°42 | 22°28 | 20°32 | 9°19 | 23°17 | W27 |
| T 28 | 2 26 43 | 4°50'15 | 15°27 | 17°57 | 7°34 | 11°16 | 22°16 | 18°34 | 13° 8 | 29°36 | 15°44 | 22°25 | 20°29 | 9°26 | 23°15 | T 28 |
| F 29 | 2 30 39 | 5°49'20 | 27°17 | 19°31 | 8°47 | 11°56 | 22° 8 | 18°40 | 13° 8 | 29°37 | 15°46 | 22°21 | 20°25 | 9°32 | 23°13 | F 29 |
| S 30 | 2 34 36 | 6°48'28 | 9 ™ 7 | 21° 4 | 9°59 | 12°35 | 22° 1 | 18°46 | 13° 7 | 29°39 | 15°48 | 22°14 | 20°22 | 9°39 | 23°11 | S 30 |
| S 31 | 2 38 32 | 7 M 47'37 | 20 M 57 | 22 M 36 | 11 × 12 | 13 M .15 | 21 8 53 | 18 ∡ 52 | 1395 6 | 29 × 740 | 15 ≏ 50 | 22 米 6 | 20 ∺ 19 | 9 M .46 | 23 ∺ 9 | S 31 |

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| M 1 | 2 42 29 | 8 M 46'49 | 2 ₹ 50 | 24M 7 | 12 × 25 | 13 M 55 | 21°R46 | 18 ∡ 758 | 13°R 6 | 29 х 42 | 15 Ω 52 | 21°R56 | 20) (16 | 9 M .53 | 23°R 7 | M 1 |
| T 2 | 2 46 25 | 9°46'02 | 14°47 | 25°38 | 13°37 | 14°34 | 21838 | 19° 4 | 1395 5 | 29°43 | 15°54 | 21) 47 | 20°13 | 9°59 | 23 米 6 | T 2 |
| W 3 | 2 50 22 | 10°45'17 | 26°50 | 27° 8 | 14°50 | 15°14 | 21°30 | 19°10 | 13° 4 | 29°45 | 15°56 | 21°39 | 20°10 | 10° 6 | 23° 4 | W 3 |
| T 4 | 2 54 19 | 11°44'34 | 9 ろ 3 | 28°37 | 16° 2 | 15°54 | 21°22 | 19°16 | 13° 3 | 29°47 | 15°58 | 21°32 | 20° 6 | 10°13 | 23° 2 | T 4 |
| F 5 | 2 58 15 | 12°43'52 | 21°27 | 0 ∡ 0 6 | 17°15 | 16°33 | 21°14 | 19°22 | 13° 3 | 29°48 | 16° 0 | 21°28 | 20° 3 | 10°19 | 23° 1 | F 5 |
| S 6 | 3 2 12 | 13°43'13 | 4≈ 6 | 1°34 | 18°27 | 17°13 | 21° 6 | 19°28 | 13° 2 | 29°50 | 16° 2 | 21°25 | 20° 0 | 10°26 | 22°59 | S 6 |
| S 7 | 3 6 8 | 14°42'34 | 17° 4 | 3° 0 | 19°40 | 17°53 | 20°58 | 19°35 | 13° 1 | 29°52 | 16° 4 | 21°D25 | 19°57 | 10°33 | 22°58 | S 7 |
| M 8 | 3 10 5 | 15°41'58 | 0 ∺ 25 | 4°27 | 20°52 | 18°33 | 20°50 | 19°41 | 13° 0 | 29°53 | 16° 6 | 21°26 | 19°54 | 10°39 | 22°56 | M 8 |
| T 9 | 3 14 1 | 16°41'23 | 14°11 | 5°52 | 22° 5 | 19°13 | 20°42 | 19°47 | 12°59 | 29°55 | 16° 8 | 21°R26 | 19°50 | 10°46 | 22°55 | T 9 |
| W10 | 3 17 58 | 17°40'50 | 28°25 | 7°16 | 23°17 | 19°53 | 20°34 | 19°54 | 12°58 | 29°57 | 16°10 | 21°26 | 19°47 | 10°53 | 22°54 | W10 |
| T 11 | 3 21 54 | 18°40'18 | 13 ° 4 | 8°40 | 24°29 | 20°33 | 20°26 | 20° 0 | 12°56 | 29°59 | 16°12 | 21°25 | 19°44 | 10°59 | 22°53 | T 11 |
| F 12 | 3 25 51 | 19°39'49 | 28° 4 | 10° 3 | 25°42 | 21°13 | 20°18 | 20° 7 | 12°55 | 0중 0 | 16°14 | 21°20 | 19°41 | 11° 6 | 22°51 | F 12 |
| S 13 | 3 29 48 | 20°39'21 | 13 8 19 | 11°25 | 26°54 | 21°53 | 20°10 | 20°13 | 12°54 | 0° 2 | 16°16 | 21°14 | 19°38 | 11°13 | 22°50 | S 13 |
| S 14 | 3 33 44 | 21°38'55 | 28°38 | 12°45 | 28° 6 | 22°33 | 20° 1 | 20°20 | 12°53 | 0° 4 | 16°18 | 21° 5 | 19°35 | 11°20 | 22°49 | S 14 |
| M15 | 3 37 41 | 22°38'31 | 13 Ⅱ 49 | 14° 5 | 29°19 | 23°13 | 19°53 | 20°26 | 12°51 | 0° 6 | 16°20 | 20°56 | 19°31 | 11°26 | 22°48 | M15 |
| T 16 | 3 41 37 | 23°38'09 | 28°42 | 15°24 | 0 궁 31 | 23°54 | 19°45 | 20°33 | 12°50 | 0° 8 | 16°22 | 20°46 | 19°28 | 11°33 | 22°47 | T 16 |
| W17 | 3 45 34 | 24°37'50 | 139510 | 16°41 | 1°43 | 24°34 | 19°37 | 20°40 | 12°49 | 0°10 | 16°24 | 20°39 | 19°25 | 11°40 | 22°46 | W17 |
| T 18 | 3 49 30 | 25°37'32 | 27° 9 | 17°57 | 2°55 | 25°14 | 19°29 | 20°46 | 12°47 | 0°12 | 16°25 | 20°33 | 19°22 | 11°46 | 22°45 | T 18 |
| F 19 | 3 53 27 | 26°37'17 | 10 Ω 37 | 19°12 | 4° 7 | 25°54 | 19°21 | 20°53 | 12°46 | 0°14 | 16°27 | 20°30 | 19°19 | 11°53 | 22°44 | F 19 |
| S 20 | 3 57 24 | 27°37'03 | 23°37 | 20°25 | 5°19 | 26°35 | 19°13 | 21° 0 | 12°44 | 0°16 | 16°29 | 20°D28 | 19°16 | 12° 0 | 22°44 | S 20 |
| S 21 | 4 1 20 | 28°36'52 | 6 m 13 | 21°36 | 6°31 | 27°15 | 19° 5 | 21° 7 | 12°42 | 0°17 | 16°31 | 20°29 | 19°12 | 12° 6 | 22°43 | S 21 |
| M22 | 4 5 17 | 29°36'43 | 18°31 | 22°46 | 7°43 | 27°56 | 18°57 | 21°14 | 12°41 | 0°19 | 16°32 | 20°R29 | 19° 9 | 12°13 | 22°42 | M22 |
| T 23 | 4 9 13 | 0 ₮ 36'36 | 0 ჲ 34 | 23°53 | 8°55 | 28°36 | 18°50 | 21°20 | 12°39 | 0°21 | 16°34 | 20°28 | 19° 6 | 12°20 | 22°42 | T 23 |
| W24 | 4 13 10 | 1°36'31 | 12°28 | 24°58 | 10° 7 | 29°17 | 18°42 | 21°27 | 12°37 | 0°23 | 16°36 | 20°26 | 19° 3 | 12°26 | 22°41 | W24 |
| T 25 | 4 17 6 | 2°36'28 | 24°18 | 26° 1 | 11°19 | 29°57 | 18°34 | 21°34 | 12°36 | 0°26 | 16°38 | 20°21 | 19° 0 | 12°33 | 22°40 | T 25 |
| F 26 | 4 21 3 | 3°36'28 | 6M 6 | 27° 1 | 12°31 | 0 , ₹38 | 18°27 | 21°41 | 12°34 | 0°28 | 16°39 | 20°13 | 18°56 | 12°40 | 22°40 | F 26 |
| S 27 | 4 24 59 | 4°36'29 | 17°57 | 27°57 | 13°42 | 1°19 | 18°19 | 21°48 | 12°32 | 0°30 | 16°41 | 20° 3 | 18°53 | 12°47 | 22°40 | S 27 |
| S 28 | 4 28 56 | 5°36'32 | 29°51 | 28°50 | 14°54 | 1°59 | 18°12 | 21°55 | 12°30 | 0°32 | 16°42 | 19°50 | 18°50 | 12°53 | 22°39 | S 28 |
| M29 | 4 32 53 | 6°36'37 | 11 × 750 | 29°39 | 16° 6 | 2°40 | 18° 4 | 22° 2 | 12°28 | 0°34 | 16°44 | 19°36 | 18°47 | 13° 0 | 22°39 | M29 |
| T 30 | 4 36 49 | 7 . ₹36'43 | 23 × 756 | 0 ට 23 | 17 る 17 | 3 ₹ 21 | 17857 | 22 才 9 | 129526 | 0 궁 36 | 16 ≏ 46 | 19 ∺ 22 | 18) (44 | 13 m 7 | 22) 39 | T 30 |

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| W 1 | 4 40 46 | 8 ∡ ³36'52 | 6 ට 10 | 1る 3 | 18 궁 29 | 4 √ 2 | 17°R50 | 22 × 16 | 12°R24 | 0 궁 38 | 16 ≏ 47 | 19°R 9 | 18) (41 | 13 M .13 | 22°R39 | W 1 |
| T 2 | 4 44 42 | 9°37'02 | 18°31 | 1°37 | 19°41 | 4°43 | 17843 | 22°23 | 129522 | 0°40 | 16°49 | 18 米 58 | 18°37 | 13°20 | 22) 39 | T 2 |
| F 3 | 4 48 39 | 10°37'13 | 1≈ 3 | 2° 5 | 20°52 | 5°23 | 17°36 | 22°30 | 12°20 | 0°42 | 16°50 | 18°49 | 18°34 | 13°27 | 22°D39 | F 3 |
| S 4 | 4 52 35 | 11°37'26 | 13°47 | 2°25 | 22° 3 | 6° 4 | 17°29 | 22°37 | 12°18 | 0°44 | 16°52 | 18°44 | 18°31 | 13°33 | 22°39 | S 4 |
| S 5 | 4 56 32 | 12°37'40 | 26°46 | 2°39 | 23°15 | 6°45 | 17°23 | 22°45 | 12°16 | 0°47 | 16°53 | 18°42 | 18°28 | 13°40 | 22°39 | S 5 |
| M 6 | 5 0 28 | 13°37'56 | 10 米 2 | 2°R44 | 24°26 | 7°26 | 17°16 | 22°52 | 12°14 | 0°49 | 16°55 | 18°41 | 18°25 | 13°47 | 22°39 | M 6 |
| T 7 | 5 4 25 | 14°38'13 | 23°39 | 2°40 | 25°37 | 8° 8 | 17°10 | 22°59 | 12°12 | 0°51 | 16°56 | 18°41 | 18°22 | 13°54 | 22°39 | T 7 |
| W 8 | 5 8 22 | 15°38'31 | 7 Y 38 | 2°26 | 26°48 | 8°49 | 17° 4 | 23° 6 | 12°10 | 0°53 | 16°57 | 18°40 | 18°18 | 14° 0 | 22°39 | W 8 |
| T 9 | 5 12 18 | 16°38'51 | 22° 0 | 2° 2 | 28° 0 | 9°30 | 16°58 | 23°13 | 12° 8 | 0°55 | 16°59 | 18°38 | 18°15 | 14° 7 | 22°40 | T 9 |
| F 10 | 5 16 15 | 17°39'12 | 6 8 43 | 1°28 | 29°11 | 10°11 | 16°52 | 23°20 | 12° 5 | 0°58 | 17° 0 | 18°32 | 18°12 | 14°14 | 22°40 | F 10 |
| S 11 | 5 20 11 | 18°39'34 | 21°41 | 0°44 | 0≈21 | 10°52 | 16°46 | 23°27 | 12° 3 | 1° 0 | 17° 1 | 18°24 | 18° 9 | 14°20 | 22°41 | S 11 |
| S 12 | 5 24 8 | 19°39'58 | 6 Ⅱ 48 | 29 ,7 49 | 1°32 | 11°34 | 16°40 | 23°35 | 12° 1 | 1° 2 | 17° 2 | 18°14 | 18° 6 | 14°27 | 22°41 | S 12 |
| M13 | 5 28 4 | 20°40'23 | 21°52 | 28°46 | 2°43 | 12°15 | 16°35 | 23°42 | 11°59 | 1° 4 | 17° 4 | 18° 2 | 18° 2 | 14°34 | 22°42 | M13 |
| T 14 | 5 32 1 | 21°40'50 | 69544 | 27°34 | 3°54 | 12°56 | 16°29 | 23°49 | 11°56 | 1° 6 | 17° 5 | 17°50 | 17°59 | 14°40 | 22°42 | T 14 |
| W15 | 5 35 57 | 22°41'18 | 21°15 | 26°17 | 5° 4 | 13°38 | 16°24 | 23°56 | 11°54 | 1° 9 | 17° 6 | 17°40 | 17°56 | 14°47 | 22°43 | W15 |
| T 16 | 5 39 54 | 23°41'48 | 5 Ω 19 | 24°56 | 6°15 | 14°19 | 16°19 | 24° 3 | 11°52 | 1°11 | 17° 7 | 17°32 | 17°53 | 14°54 | 22°44 | T 16 |
| F 17 | 5 43 51 | 24°42'20 | 18°53 | 23°34 | 7°25 | 15° 1 | 16°15 | 24°10 | 11°49 | 1°13 | 17° 8 | 17°27 | 17°50 | 15° 1 | 22°44 | F 17 |
| S 18 | 5 47 47 | 25°42'53 | 2 MD 0 | 22°14 | 8°36 | 15°42 | 16°10 | 24°18 | 11°47 | 1°15 | 17° 9 | 17°24 | 17°47 | 15° 7 | 22°45 | S 18 |
| S 19 | 5 51 44 | 26°43'27 | 14°40 | 20°58 | 9°46 | 16°24 | 16° 6 | 24°25 | 11°44 | 1°18 | 17°10 | 17°D24 | 17°43 | 15°14 | 22°46 | S 19 |
| M20 | 5 55 40 | 27°44'03 | 27° 0 | 19°49 | 10°56 | 17° 5 | 16° 1 | 24°32 | 11°42 | 1°20 | 17°11 | 17°R24 | 17°40 | 15°21 | 22°47 | M20 |
| T 21 | 5 59 37 | 28°44'41 | 9 ₾ 5 | 18°48 | 12° 6 | 17°47 | 15°57 | 24°39 | 11°39 | 1°22 | 17°12 | 17°23 | 17°37 | 15°27 | 22°48 | T 21 |
| W22 | 6 3 33 | 29°45'20 | 20°59 | 17°58 | 13°16 | 18°29 | 15°54 | 24°46 | 11°37 | 1°24 | 17°13 | 17°21 | 17°34 | 15°34 | 22°49 | W22 |
| T 23 | 6 7 30 | 0 ප් 46'01 | 2 M .48 | 17°19 | 14°26 | 19°11 | 15°50 | 24°53 | 11°35 | 1°27 | 17°14 | 17°17 | 17°31 | 15°41 | 22°50 | T 23 |
| F 24 | 6 11 27 | 1°46'44 | 14°37 | 16°52 | 15°36 | 19°52 | 15°46 | 25° 1 | 11°32 | 1°29 | 17°15 | 17°10 | 17°28 | 15°47 | 22°52 | F 24 |
| S 25 | 6 15 23 | 2°47'27 | 26°30 | 16°36 | 16°45 | 20°34 | 15°43 | 25° 8 | 11°30 | 1°31 | 17°16 | 17° 0 | 17°24 | 15°54 | 22°53 | S 25 |
| S 26 | 6 19 20 | 3°48'13 | 8 ∡ 129 | 16°D31 | 17°55 | 21°16 | 15°40 | 25°15 | 11°27 | 1°33 | 17°17 | 16°48 | 17°21 | 16° 1 | 22°54 | S 26 |
| M27 | 6 23 16 | 4°48'59 | 20°37 | 16°37 | 19° 4 | 21°58 | 15°37 | 25°22 | 11°25 | 1°36 | 17°18 | 16°34 | 17°18 | 16° 8 | 22°56 | M27 |
| T 28 | 6 27 13 | 5°49'47 | 2 ප් 55 | 16°52 | 20°14 | 22°40 | 15°34 | 25°29 | 11°22 | 1°38 | 17°18 | 16°21 | 17°15 | 16°14 | 22°57 | T 28 |
| W29 | 6 31 9 | 6°50'36 | 15°23 | 17°17 | 21°23 | 23°22 | 15°32 | 25°36 | 11°19 | 1°40 | 17°19 | 16° 8 | 17°12 | 16°21 | 22°58 | W29 |
| T 30 | 6 35 6 | 7°51'25 | 28° 1 | 17°49 | 22°32 | 24° 4 | 15°30 | 25°43 | 11°17 | <u>1°42</u> | 17°20 | 15°58 | 17° 9 | 16°28 | 23° 0 | T 30 |
| F 31 | 6 39 2 | 8 궁 52'16 | 10≈50 | 18 × 29 | 23≈41 | 24 × 746 | 15828 | 25 ₹ 50 | 119914 | 1 る 45 | 17 ≏ 20 | 15 米 50 | 17) 5 | 16 M .34 | 23 米 2 | F 31 |

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| S 1 | 6 42 59 | 9 ප් 53'08 | 23≈49 | 19 × 15 | 24≈50 | 25 × 29 | 15°R26 | 25 × 757 | 11°R12 | 1 石 47 | 17 ≏ 21 | 15°R45 | 17 ∺ 2 | 16 M 41 | 23 ∺ 3 | S 1 |
| S 2 | 6 46 56 | 10°54'00 | 7 ∺ 0 | 20° 6 | 25°58 | 26°11 | 15 8 24 | 26° 5 | 1195 9 | 1°49 | 17°22 | 15) €43 | 16°59 | 16°48 | 23° 5 | S 2 |
| M 3 | 6 50 52 | 11°54'53 | 20°24 | 21° 3 | 27° 7 | 26°53 | 15°23 | 26°12 | 11° 7 | 1°51 | 17°22 | 15°D42 | 16°56 | 16°55 | 23° 7 | M 3 |
| T 4 | 6 54 49 | 12°55'46 | 4 Υ 1 | 22° 4 | 28°15 | 27°35 | 15°21 | 26°19 | 11° 4 | 1°54 | 17°23 | 15°43 | 16°53 | 17° 1 | 23° 9 | T 4 |
| W 5 | 6 58 45 | 13°56'40 | 17°54 | 23° 9 | 29°23 | 28°18 | 15°20 | 26°26 | 11° 2 | 1°56 | 17°23 | 15°R43 | 16°49 | 17° 8 | 23°10 | W 5 |
| T 6 | 7 2 42 | 14°57'35 | 28 2 | 24°17 | 0 ∺ 31 | 29° 0 | 15°20 | 26°32 | 10°59 | 1°58 | 17°24 | 15°42 | 16°46 | 17°15 | 23°12 | T 6 |
| F 7 | 7 6 38 | 15°58'30 | 16°24 | 25°28 | 1°39 | 29°42 | 15°19 | 26°39 | 10°57 | 2° 0 | 17°24 | 15°38 | 16°43 | 17°21 | 23°14 | F 7 |
| S 8 | 7 10 35 | 16°59'25 | 0 Ⅱ 58 | 26°42 | 2°46 | 0 궁 25 | 15°19 | 26°46 | 10°54 | 2° 2 | 17°25 | 15°32 | 16°40 | 17°28 | 23°16 | S 8 |
| S 9 | 7 14 31 | 18° 0'22 | 15°39 | 27°57 | 3°54 | 1° 7 | 15°D18 | 26°53 | 10°52 | 2° 5 | 17°25 | 15°24 | 16°37 | 17°35 | 23°18 | S 9 |
| M10 | 7 18 28 | 19° 1'19 | 0920 | 29°15 | 5° 1 | 1°50 | 15°18 | 27° 0 | 10°49 | 2° 7 | 17°25 | 15°15 | 16°34 | 17°41 | 23°20 | M10 |
| T 11 | 7 22 25 | 20° 2'16 | 14°52 | 0 궁 34 | 6° 8 | 2°32 | 15°19 | 27° 7 | 10°46 | 2° 9 | 17°26 | 15° 6 | 16°30 | 17°48 | 23°23 | T 11 |
| W12 | 7 26 21 | 21° 3'14 | 29°10 | 1°55 | 7°15 | 3°15 | 15°19 | 27°14 | 10°44 | 2°11 | 17°26 | 14°57 | 16°27 | 17°55 | 23°25 | W12 |
| T 13 F 14 | 7 30 18 | 22° 4'12 23° 5'11 | 13 Ω 7 26°39 | 3°17 4°40 | 8°21 9°27 | 3°58 | 15°20 15°21 | 27°20 27°27 | 10°42 10°39 | 2°13 2°15 | 17°26 17°26 | 14°51 14°47 | 16°24 16°21 | 18° 2 18° 8 | 23°27 23°29 | T 13 F 14 |
| S 15 | 7 34 14 7 38 11 | 23° 5'11 24° 6'11 | 26°39 9 m)47 | 6° 4 | 10°34 | 4°40 5°23 | 15°21 | 27°34 | 10°39 10°37 | 2°18 | 17°26 | 14°47 14°D45 | 16°21 | 18° 8 | 23°32 | S 15 |
| | | - | - | | | | | | | | | | | | | |
| S 16 | 7 42 7 | 25° 7'12 | 22°31 | 7°29 | 11°39 | 6° 6 | 15°23 | 27°40 | 10°34 | 2°20 | 17°27 | 14°46 | 16°15 | 18°22 | 23°34 | S 16 |
| M17 | 7 46 4 | 26° 8'13 | 4 Ω 55 | 8°55 | 12°45 | 6°49 | 15°25 | 27°47 | 10°32 | 2°22 | 17°27 | 14°47 | 16°11 | 18°28 | 23°36 | M17 |
| T 18 | 7 50 1 | 27° 9'14 | 17° 3 29° 0 | 10°22 | 13°50 | 7°32 | 15°26 | 27°54 28° 0 | 10°29 10°27 | 2°24 | 17°27 | 14°48 | 16° 8 | 18°35 | 23°39 23°42 | T 18 W19 |
| W19 T 20 | 7 53 57 7 57 54 | 28°10'17 29°11'20 | 10 M .52 | 11°49 13°17 | 14°55 16° 0 | 8°15 8°58 | 15°28 15°30 | 28° 7 | 10°27 10°25 | 2°26 2°28 | 17°R27 17°27 | 14°R49 14°48 | 16° 5 16° 2 | 18°42 18°49 | 23°42 23°44 | T 20 |
| F 21 | 8 1 50 | 29 11 20 0≈12'24 | 22°43 | 13 17 14°45 | 17° 5 | 9°41 | 15°32 | 28°13 | 10°23 | 2°30 | 17°27 | 14°45 | 15°59 | 18°55 | 23°47 | F 21 |
| S 22 | 8 5 47 | 1°13'28 | 4 × ⁷ 37 | 16°14 | 17 3 18° 9 | 10°24 | 15°35 | 28°20 | 10°22 | 2°32 | 17°27 | 14°40 | 15°55 | 19° 2 | 23°49 | S 22 |
| | | | | | | | | | | | | | | | | |
| S 23 | 8 9 43 | 2°14'33 | 16°40 | 17°43 | 19°13 | 11° 7 | 15°38 | 28°26 | 10°17 | 2°34 | 17°27 | 14°34 | 15°52 | 19° 9 | 23°52 | S 23 |
| M24 T 25 | 8 13 40 | 3°15'38 | 28°55 11 る 22 | 19°13 20°43 | 20°17 21°20 | 11°50 | 15°41 | 28°32 | 10°15 | 2°36 2°38 | 17°26 17°26 | 14°26 | 15°49 | 19°15 | 23°55 | M24 T 25 |
| W26 | 8 17 36 8 21 33 | 4°16'44 5°17'50 | 24° 5 | 20°43 22°14 | 21°20 22°23 | 12°33 13°16 | 15°44 15°47 | 28°39 28°45 | 10°13 10°11 | 2°40 | 17°26 | 14°18 14°11 | 15°46 15°43 | 19°22 19°29 | 23°58 24° 0 | W26 |
| T 27 | 8 25 30 | 6°18'56 | 7 ≈ 2 | 22 14 23°45 | 22°26 | 13 10 14° 0 | 15°50 | 28°51 | 10 11 10° 8 | 2°42 | 17°26 | 14 11 14° 5 | 15°40 | 19°29 19°35 | 24° 3 | T 27 |
| F 28 | 8 29 26 | 7°20'02 | 7∞ 2 20°12 | 25°16 | 24°28 | 14°43 | 15°54 | 28°57 | 10° 6 | 2°44 | 17°25 | 14° 0 | 15°36 | 19°42 | 24° 6 | F 28 |
| S 29 | 8 33 23 | 8°21'07 | 3 ∺ 36 | 26°48 | 25°30 | 15°26 | 15°58 | 29° 4 | 10° 4 | 2°46 | 17°25 | 13°58 | 15°33 | 19°49 | 24° 9 | S 29 |
| S 30 | 8 37 19 | 9°22'13 | 17°10 | 28°20 | 26°31 | 16°10 | 16° 2 | 29°10 | 10° 2 | 2°48 | 17°25 | 13°D58 | 15°30 | 19°56 | 24°12 | S 30 |
| M31 | 8 41 16 | 10≈23'18 | 0 Υ 55 | 29 ප් 53 | 27) 32 | 16 පි 53 | 168 6 | 29 × 16 | 109 0 | 2 ප් 50 | 17 ≏ 24 | 13 米 59 | 15 ¥ 27 | 20 m 2 | 24) 15 | M31 |

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| T 1 | 8 45 12 | 11≈24'24 | 14 Y 47 | 1≈26 | 28 米 33 | 17 る 37 | 16 8 11 | 29 × 22 | 9°R58 | 2 る 52 | 17°R24 | 14 ∺ 0 | 15) 24 | 20M 9 | 24) 18 | T 1 |
| W 2 | 8 49 9 | 12°25'28 | 28°47 | 2°59 | 29°34 | 18°20 | 16°16 | 29°27 | 9956 | 2°54 | 17 ≏ 24 | 14° 2 | 15°20 | 20°16 | 24°21 | W 2 |
| T 3 | 8 53 5 | 13°26'33 | 12854 | 4°33 | 0 Υ 33 | 19° 4 | 16°20 | 29°33 | 9°54 | 2°55 | 17°23 | 14°R 2 | 15°17 | 20°22 | 24°24 | T 3 |
| F 4 | 8 57 2 | 14°27'36 | 27° 5 | 6° 8 | 1°33 | 19°47 | 16°25 | 29°39 | 9°52 | 2°57 | 17°23 | 14° 2 | 15°14 | 20°29 | 24°28 | F 4 |
| S 5 | 9 0 59 | 15°28'40 | 11 II 19 | 7°43 | 2°32 | 20°31 | 16°31 | 29°45 | 9°50 | 2°59 | 17°22 | 14° 0 | 15°11 | 20°36 | 24°31 | S 5 |
| S 6 | 9 4 55 | 16°29'43 | 25°33 | 9°18 | 3°30 | 21°15 | 16°36 | 29°51 | 9°48 | 3° 1 | 17°21 | 13°56 | 15° 8 | 20°43 | 24°34 | S 6 |
| M 7 | 9 8 52 | 17°30'45 | 9 95 44 | 10°53 | 4°28 | 21°58 | 16°42 | 29°56 | 9°46 | 3° 3 | 17°21 | 13°53 | 15° 5 | 20°49 | 24°37 | M 7 |
| T 8 | 9 12 48 | 18°31'47 | 23°47 | 12°30 | 5°25 | 22°42 | 16°47 | 0중 2 | 9°44 | 3° 4 | 17°20 | 13°48 | 15° 1 | 20°56 | 24°40 | T 8 |
| W 9 | 9 16 45 | 19°32'48 | 7Ω 38 | 14° 6 | 6°22 | 23°26 | 16°53 | 0° 7 | 9°42 | 3° 6 | 17°20 | 13°45 | 14°58 | 21° 3 | 24°44 | W 9 |
| T 10 | 9 20 41 | 20°33'49 | 21°14 | 15°44 | 7°18 | 24°10 | 16°59 | 0°13 | 9°41 | 3° 8 | 17°19 | 13°42 | 14°55 | 21° 9 | 24°47 | T 10 |
| F 11 | 9 24 38 | 21°34'49 | 4 m 33 | 17°21 | 8°14 | 24°54 | 17° 6 | 0°18 | 9°39 | 3° 9 | 17°18 | 13°41 | 14°52 | 21°16 | 24°50 | F 11 |
| S 12 | 9 28 34 | 22°35'48 | 17°32 | 19° 0 | 9° 9 | 25°38 | 17°12 | 0°23 | 9°37 | 3°11 | 17°17 | 13°D41 | 14°49 | 21°23 | 24°54 | S 12 |
| S 13 | 9 32 31 | 23°36'48 | 0 ჲ 13 | 20°39 | 10° 3 | 26°21 | 17°19 | 0°29 | 9°36 | 3°13 | 17°17 | 13°41 | 14°46 | 21°30 | 24°57 | S 13 |
| M14 | 9 36 28 | 24°37'47 | 12°37 | 22°18 | 10°57 | 27° 5 | 17°25 | 0°34 | 9°34 | 3°14 | 17°16 | 13°43 | 14°42 | 21°36 | 25° 1 | M14 |
| T 15 | 9 40 24 | 25°38'45 | 24°47 | 23°58 | 11°50 | 27°50 | 17°32 | 0°39 | 9°32 | 3°16 | 17°15 | 13°44 | 14°39 | 21°43 | 25° 4 | T 15 |
| W16 | 9 44 21 | 26°39'43 | 6 M .46 | 25°39 | 12°42 | 28°34 | 17°39 | 0°44 | 9°31 | 3°17 | 17°14 | 13°46 | 14°36 | 21°50 | 25° 8 | W16 |
| T 17 | 9 48 17 | 27°40'41 | 18°39 | 27°20 | 13°34 | 29°18 | 17°47 | 0°49 | 9°29 | 3°19 | 17°13 | 13°47 | 14°33 | 21°56 | 25°11 | T 17 |
| F 18 | 9 52 14 | 28°41'39 | 0 ∡ 31 | 29° 2 | 14°24 | 0≈ 2 | 17°54 | 0°54 | 9°28 | 3°20 | 17°12 | 13°R47 | 14°30 | 22° 3 | 25°15 | F 18 |
| S 19 | 9 56 10 | 29°42'36 | 12°26 | 0) (44 | 15°14 | 0°46 | 18° 2 | 0°59 | 9°27 | 3°22 | 17°11 | 13°47 | 14°26 | 22°10 | 25°18 | S 19 |
| S 20 | 10 0 7 | 0) 43′32 | 24°30 | 2°27 | 16° 3 | 1°30 | 18° 9 | 1° 3 | 9°25 | 3°23 | 17°10 | 13°46 | 14°23 | 22°17 | 25°22 | S 20 |
| M21 | 10 4 3 | 1°44'28 | 6 පි 46 | 4°11 | 16°52 | 2°15 | 18°17 | 1°8 | 9°24 | 3°24 | 17° 9 | 13°44 | 14°20 | 22°23 | 25°26 | M21 |
| T 22 | 10 8 0 | 2°45'24 | 19°18 | 5°55 | 17°39 | 2°59 | 18°25 | 1°13 | 9°23 | 3°26 | 17° 8 | 13°42 | 14°17 | 22°30 | 25°29 | T 22 |
| W23 | 10 11 57 | 3°46'19 | 2≈ 8 | 7°40 | 18°26 | 3°43 | 18°33 | 1°17 | 9°22 | 3°27 | 17° 7 | 13°41 | 14°14 | 22°37 | 25°33 | W23 |
| T 24 | 10 15 53 | 4°47'12 | 15°19 | 9°26 | 19°11 | 4°28 | 18°42 | 1°22 | 9°20 | 3°28 | 17° 6 | 13°40 | 14°11 | 22°43 | 25°36 | T 24 |
| F 25 | 10 19 50 | 5°48'06 | 28°48 | 11°11 | 19°55 | 5°12 | 18°50 | 1°26 | 9°19 | 3°30 | 17° 5 | 13°39 | 14° 7 | 22°50 | 25°40 | F 25 |
| S 26 | 10 23 46 | 6°48'58 | 12) 36 | 12°58 | 20°39 | 5°57 | 18°59 | 1°30 | 9°18 | 3°31 | 17° 4 | 13°D39 | 14° 4 | 22°57 | 25°44 | S 26 |
| S 27 | 10 27 43 | 7°49'49 | 26°38 | 14°45 | 21°21 | 6°41 | 19° 7 | 1°34 | 9°17 | 3°32 | 17° 3 | 13°39 | 14° 1 | 23° 4 | 25°48 | S 27 |
| M28 | 10 31 39 | 8 ¥ 50'39 | 10 Y 52 | 16) €32 | 22 Y 2 | 7≈26 | 19 8 16 | 1 る 39 | 99516 | 3 る 33 | 17 ♀ 2 | 13 米 39 | 13 米 58 | 23 IL 10 | 25 米 51 | M28 |

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| T 1 W 2 T 3 | 10 35 36 10 39 32 10 43 29 | 9 \() 51'28 10°52'15 11°53'01 | 25 Y 12 9 X 33 23°53 | 18 ¥ 19 20° 7 21°54 | 22 Y 42 23°21 23°59 | 8≈10 8°55 9°39 | 19 8 25 19°34 19°44 | 1 3 43 1°47 1°51 | 9°R15 9©15 9°14 | 3₹35 3°36 3°37 | 17°R 0 16 ≙ 59 16°58 | 13\(\frac{1}{40}\) 13°40 13°40 | 13 ¥ 55 13°52 13°48 | 23M17 23°24 23°30 | 25 ¥ 55 25°59 26° 3 | T 1 W 2 T 3 |
| F 4 S 5 | 10 47 26 10 51 22 | 12°53'46 13°54'30 | 8 П 8 22°15 | 23°41 25°28 | 24°35 25°10 | 10°24 11° 9 | 19°53 20° 3 | 1°54 1°58 | 9°13 9°12 | 3°38 3°39 | 16°57 16°55 | 13°40 13°40 | 13°45 13°42 | 23°37 23°44 | 26° 6 26°10 | F 4 S 5 |
| S 6 M 7 T 8 W 9 T 10 F 11 S 12 | 10 55 19 10 59 15 11 3 12 11 7 8 11 11 5 11 15 1 11 18 58 | 14°55'12 15°55'52 16°56'31 17°57'08 18°57'44 19°58'18 20°58'51 | 6©12 19°59 3\Omega34 16°57 0\Omega 6 13°3 25°45 | 27°14 28°59 0 ° 43 2°25 4° 5 5°43 7°17 | 25°43 26°15 26°45 27°14 27°41 28° 6 28°29 | 11°54 12°38 13°23 14° 8 14°53 15°38 16°23 | 20°12 20°22 20°32 20°42 20°52 21° 2 21°13 | 2° 2 2° 5 2° 9 2°12 2°15 2°18 2°22 | 9°12 9°11 9°11 9°10 9°10 9° 9 | 3°40 3°41 3°42 3°43 3°44 3°45 3°45 | 16°54 16°53 16°51 16°50 16°49 16°47 16°46 | 13°40 13°40 13°41 13°41 13°841 13°842 13°41 | 13°39 13°36 13°32 13°29 13°26 13°23 13°20 | 23°51 23°57 24° 4 24°11 24°17 24°24 24°31 | 26°14 26°18 26°22 26°25 26°29 26°33 26°37 | S 6 M 7 T 8 W 9 T 10 F 11 S 12 |
| S 13 M14 T 15 W16 T 17 F 18 S 19 | 11 22 55 11 26 51 11 30 48 11 34 44 11 38 41 11 42 37 11 46 34 | 21°59'22 22°59'53 24° 0'22 25° 0'49 26° 1'16 27° 1'41 28° 2'05 | 8 <u>Ω</u> 15 20°33 2 M .40 14°39 26°32 8∡724 20°19 | 8°48 10°15 11°36 12°52 14° 2 15° 5 16° 1 | 28°51 29°10 29°28 29°43 29°57 08 8 0°17 | 17° 8 17°53 18°38 19°23 20° 8 20°53 21°38 | 21°23 21°34 21°45 21°55 22° 6 22°17 22°28 | 2°25 2°27 2°30 2°33 2°36 2°38 2°41 | 9° 9 9° 8 9° 8 9° 8 9° D 9° 8 | 3°46 3°47 3°48 3°49 3°50 3°50 | 16°44 16°43 16°42 16°40 16°39 16°37 16°36 | 13°41 13°40 13°38 13°37 13°35 13°34 13°33 | 13°17 13°13 13°10 13° 7 13° 4 13° 1 12°58 | 24°38 24°44 24°51 24°58 25° 4 25°11 25°18 | 26°41 26°45 26°49 26°52 26°56 27° 0 27° 4 | S 13 M14 T 15 W16 T 17 F 18 S 19 |
| S 20 M21 T 22 W23 T 24 F 25 S 26 | 11 50 30 11 54 27 11 58 24 12 2 20 12 6 17 12 10 13 12 14 10 | 29° 2'28 0° 2'49 1° 3'09 2° 3'28 3° 3'45 4° 4'01 5° 4'15 | 2₹20 14°34 27° 4 9≈54 23° 8 6¥46 20°49 | 16°48 17°27 17°56 18°16 18°27 18°R28 18°20 | 0°24 0°28 0°R30 0°30 0°27 0°21 0°14 | 22°23 23° 9 23°54 24°39 25°24 26°10 26°55 | 22°40 22°51 23° 2 23°14 23°26 23°37 23°49 | 2°43 2°45 2°47 2°49 2°51 2°53 2°55 | 9° 8 9° 8 9° 8 9° 9 9° 9 | 3°51 3°51 3°52 3°52 3°53 3°53 3°54 | 16°34 16°33 16°31 16°29 16°28 16°26 16°25 | 13°D33 13°33 13°34 13°36 13°37 13°R38 13°38 | 12°54 12°51 12°48 12°45 12°42 12°38 12°35 | 25°25 25°31 25°38 25°45 25°51 25°58 26° 5 | 27° 8 27°12 27°16 27°19 27°23 27°27 27°31 | S 20 M21 T 22 W23 T 24 F 25 S 26 |
| S 27 M28 T 29 W30 T 31 | 12 18 6 12 22 3 12 25 59 12 29 56 12 33 52 | 6° 4'28 7° 4'38 8° 4'48 9° 4'55 10 ° 5'00 | 5 Y 13 19°53 4 8 42 19°32 4 I 15 | 18° 2 17°36 17° 2 16°20 15 Y 33 | 0° 3 29°750 29°35 29°18 28°757 | 27°41 28°26 29°11 29°57 0 兴 42 | 24° 1 24°13 24°25 24°37 24849 | 2°57 2°58 3°0 3°1 3°5 | 9°10 9°11 9°11 9°12 9©13 | 3°54 3°54 3°54 3°55 3♂55 | 16°23 16°22 16°20 16°18 16 ♀ 17 | 13°37 13°35 13°31 13°28 13 ¥ 24 | 12°32 12°29 12°26 12°23 12) (19 | 26°12 26°18 26°25 26°32 26M38 | 27°35 27°39 27°42 27°46 27) (50 | S 27 M28 T 29 W30 T 31 |

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| F 1 | 12 37 49 | 11 ° 5'04 | 18 Ⅱ 46 | 14°R41 | 28°R35 | 1) 28 | 25 8 2 | 3る 4 | 99513 | 3 る 55 | 16°R15 | 13°R22 | 12) 16 | 26M45 | 27) 54 | F 1 |
| S 2 | 12 41 46 | 12° 5'05 | 2959 | 13 Y 45 | 28 Y 10 | 2°13 | 25°14 | 3° 5 | 9°14 | 3°55 | 16 ≏ 13 | 13 ∺ 20 | 12°13 | 26°52 | 27°58 | S 2 |
| S 3 | 12 45 42 | 13° 5'04 | 16°54 | 12°46 | 27°44 | 2°59 | 25°26 | 3° 6 | 9°15 | 3°55 | 16°12 | 13°D20 | 12°10 | 26°59 | 28° 1 | S 3 |
| M 4 | 12 49 39 | 14° 5'01 | 0Ω30 | 11°47 | 27°15 | 3°45 | 25°39 | 3° 6 | 9°16 | 3°55 | 16°10 | 13°21 | 12° 7 | 27° 5 | 28° 5 | M 4 |
| T 5 | 12 53 35 | 15° 4'56 | 13°47 | 10°49 | 26°45 | 4°30 | 25°52 | 3° 7 | 9°17 | 3°R55 | 16° 9 | 13°22 | 12° 4 | 27°12 | 28° 9 | T 5 |
| W 6 | 12 57 32 | 16° 4'49 | 26°49 | 9°52 | 26°12 | 5°16 | 26° 4 | 3° 8 | 9°18 | 3°55 | 16° 7 | 13°24 | 12° 0 | 27°19 | 28°13 | W 6 |
| T 7 | 13 128 | 17° 4'40 | 9 m 36 | 8°57 | 25°39 | 6° 1 | 26°17 | 3° 8 | 9°19 | 3°55 | 16° 5 | 13°R25 | 11°57 | 27°25 | 28°16 | T 7 |
| F 8 | 13 5 25 | 18° 4'28 | 22°11 | 8° 7 | 25° 4 | 6°47 | 26°30 | 3° 9 | 9°20 | 3°55 | 16° 4 | 13°25 | 11°54 | 27°32 | 28°20 | F 8 |
| S 9 | 13 9 21 | 19° 4'15 | 4 ₾ 36 | 7°21 | 24°28 | 7°33 | 26°43 | 3° 9 | 9°21 | 3°55 | 16° 2 | 13°23 | 11°51 | 27°39 | 28°24 | S 9 |
| S 10 | 13 13 18 | 20° 4'00 | 16°51 | 6°40 | 23°51 | 8°18 | 26°55 | 3° 9 | 9°22 | 3°55 | 16° 0 | 13°19 | 11°48 | 27°46 | 28°27 | S 10 |
| M11 | 13 17 15 | 21° 3'42 | 28°59 | 6° 5 | 23°14 | 9° 4 | 27° 8 | 3°10 | 9°23 | 3°55 | 15°59 | 13°13 | 11°44 | 27°52 | 28°31 | M11 |
| T 12 | 13 21 11 | 22° 3'23 | 11 M 0 | 5°36 | 22°36 | 9°50 | 27°21 | 3°R10 | 9°25 | 3°55 | 15°57 | 13° 6 | 11°41 | 27°59 | 28°34 | T 12 |
| W13 | 13 25 8 | 23° 3'02 | 22°56 | 5°13 | 21°58 | 10°36 | 27°35 | 3° 9 | 9°26 | 3°54 | 15°56 | 12°58 | 11°38 | 28° 6 | 28°38 | W13 |
| T 14 | 13 29 4 | 24° 2'40 | 4 ₹ 49 | 4°57 | 21°21 | 11°21 | 27°48 | 3° 9 | 9°27 | 3°54 | 15°54 | 12°51 | 11°35 | 28°12 | 28°42 | T 14 |
| F 15 | 13 33 1 | 25° 2'16 | 16°41 | 4°46 | 20°44 | 12° 7 | 28° 1 | 3° 9 | 9°29 | 3°54 | 15°52 | 12°44 | 11°32 | 28°19 | 28°45 | F 15 |
| S 16 | 13 36 57 | 26° 1'50 | 28°35 | 4°D41 | 20° 7 | 12°53 | 28°14 | 3° 9 | 9°30 | 3°53 | 15°51 | 12°39 | 11°29 | 28°26 | 28°49 | S 16 |
| S 17 | 13 40 54 | 27° 1'22 | 10 る 35 | 4°43 | 19°32 | 13°39 | 28°28 | 3° 8 | 9°32 | 3°53 | 15°49 | 12°35 | 11°25 | 28°33 | 28°52 | S 17 |
| M18 | 13 44 50 | 28° 0'53 | 22°46 | 4°50 | 18°58 | 14°25 | 28°41 | 3° 8 | 9°33 | 3°53 | 15°48 | 12°D33 | 11°22 | 28°39 | 28°56 | M18 |
| T 19 | 13 48 47 | 29° 0'21 | 5≈11 | 5° 2 | 18°25 | 15°11 | 28°54 | 3° 7 | 9°35 | 3°52 | 15°46 | 12°33 | 11°19 | 28°46 | 28°59 | T 19 |
| W20 | 13 52 44 | 29°59'49 | 17°56 | 5°20 | 17°54 | 15°57 | 29° 8 | 3° 6 | 9°37 | 3°52 | 15°44 | 12°34 | 11°16 | 28°53 | 29° 3 | W20 |
| T 21 | 13 56 40 | 0859'14 | 1) 5 | 5°42 | 17°25 | 16°42 | 29°21 | 3° 5 | 9°38 | 3°51 | 15°43 | 12°36 | 11°13 | 29° 0 | 29° 6 | T 21 |
| F 22 | 14 0 37 | 1°58'38 | 14°41 | 6°10 | 16°57 | 17°28 | 29°35 | 3° 4 3° 3 | 9°40 | 3°51 | 15°41 | 12°R36 | 11° 9 | 29° 6 | 29° 9 | F 22 |
| S 23 | 14 4 33 | 2°58'00 | 28°45 | 6°41 | 16°32 | 18°14 | 29°49 | | 9°42 | 3°50 | 15°40 | 12°35 | 11° 6 | 29°13 | 29°13 | S 23 |
| S 24 | 14 8 30 | 3°57'20 | 13 Y 16 | 7°17 | 16° 9 | 19° 0 | 0 I I 2 | 3° 2 | 9°44 | 3°50 | 15°38 | 12°32 | 11° 3 | 29°20 | 29°16 | S 24 |
| M25 | 14 12 26 | 4°56'39 | 28°10 | 7°57 | 15°48 | 19°46 | 0°16 | 3° 1 | 9°46 | 3°49 | 15°37 | 12°26 | 11° 0 | 29°26 | 29°19 | M25 |
| T 26 | 14 16 23 | 5°55'55 | 13818 | 8°41 | 15°29 | 20°32 | 0°30 | 3° 0 | 9°48 | 3°48 | 15°35 | 12°19 | 10°57 | 29°33 | 29°23 | T 26 |
| W27 | 14 20 19 | 6°55'10 | 28°30 | 9°28 | 15°12 | 21°18 | 0°43 | 2°58 | 9°50 | 3°48 | 15°34 | 12°10 | 10°54 | 29°40 | 29°26 | W27 |
| T 28 | 14 24 16 | 7°54'22 | 13 Ⅱ 37 | 10°19 | 14°59 | 22° 4 | 0°57 | 2°57 | 9°52 | 3°47 | 15°32 15°31 | 12° 2 | 10°50 10°47 | 29°47 29°53 | 29°29 | T 28 |
| F 29 S 30 | 14 28 13 14 32 9 | 8°53'33 9 8 52'41 | 28°28 12 © 56 | 11°12 12 Υ 9 | 14°47 14 ° 38 | 22°50 23 ¥ 36 | 1°11 1 Ⅱ 25 | 2°55 2 ~ 53 | 9°54 9 © 56 | 3°46 3 ♂ 45 | 15°31 15 Ω 29 | 11°55 11 ¥ 50 | 10°47 10 ¥ 44 | 29°53 29 M .59 | 29°32 29 ¥ 35 | F 29 S 30 |
| 3 30 | 14 34 9 | 903241 | 12=930 | 12 i 9 | 14 38 | 23 T 30 | 11123 | 2000 | 92936 | 3043 | 13=29 | 117730 | 10八44 | ∠911639 | ∠9 ₹ 33 | 3 30 |

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|------|----------|-------------------|----------------|---------------|----------------|----------------|---------------|----------------|--------|---------------|----------------|----------------|-----------------|----------------|-----------------|------|
| S 1 | 14 36 6 | 10 8 51'47 | 26959 | 13 Y 9 | 14°R31 | 24) 22 | 1 Д 39 | 2°R51 | 9958 | 3°R45 | 15°R28 | 11°R47 | 10) €41 | 0 ∡ 7 7 | 29) (39 | S 1 |
| M 2 | 14 40 2 | 11°50'51 | 10 Ω 36 | 14°11 | 14 Y 27 | 25° 8 | 1°53 | 2 ප් 50 | 10° 0 | 3 ⋜ 44 | 15 ≏ 26 | 11°D46 | 10°38 | 0°13 | 29°42 | M 2 |
| T 3 | 14 43 59 | 12°49'52 | 23°49 | 15°16 | 14°D25 | 25°54 | 2° 7 | 2°47 | 10° 3 | 3°43 | 15°25 | 11 米 46 | 10°35 | 0°20 | 29°45 | T 3 |
| W 4 | 14 47 55 | 13°48'52 | 6 M 41 | 16°23 | 14°26 | 26°40 | 2°21 | 2°45 | 10° 5 | 3°42 | 15°24 | 11°R47 | 10°31 | 0°27 | 29°48 | W 4 |
| T 5 | 14 51 52 | 14°47'48 | 19°16 | 17°33 | 14°29 | 27°26 | 2°35 | 2°43 | 10° 7 | 3°41 | 15°22 | 11°47 | 10°28 | 0°34 | 29°51 | T 5 |
| F 6 | 14 55 48 | 15°46'43 | 1 ≏ 37 | 18°45 | 14°34 | 28°12 | 2°49 | 2°41 | 10° 9 | 3°40 | 15°21 | 11°45 | 10°25 | 0°40 | 29°54 | F 6 |
| S 7 | 14 59 45 | 16°45'36 | 13°48 | 19°59 | 14°41 | 28°58 | 3° 3 | 2°39 | 10°12 | 3°39 | 15°19 | 11°40 | 10°22 | 0°47 | 29°56 | S 7 |
| S 8 | 15 3 42 | 17°44'26 | 25°52 | 21°16 | 14°51 | 29°44 | 3°17 | 2°36 | 10°14 | 3°38 | 15°18 | 11°33 | 10°19 | 0°54 | 29°59 | S 8 |
| M 9 | 15 7 38 | 18°43'15 | 7 M 50 | 22°34 | 15° 3 | 0 Υ 30 | 3°32 | 2°34 | 10°17 | 3°37 | 15°17 | 11°23 | 10°15 | 1° 0 | 0 Υ 2 | M 9 |
| T 10 | 15 11 35 | 19°42'02 | 19°46 | 23°55 | 15°17 | 1°16 | 3°46 | 2°31 | 10°19 | 3°36 | 15°16 | 11°12 | 10°12 | 1° 7 | 0° 5 | T 10 |
| W11 | 15 15 31 | 20°40'46 | 1 ₹ 39 | 25°17 | 15°32 | 2° 2 | 4° 0 | 2°28 | 10°22 | 3°35 | 15°14 | 10°59 | 10° 9 | 1°14 | 0° 8 | W11 |
| T 12 | 15 19 28 | 21°39'29 | 13°31 | 26°41 | 15°50 | 2°48 | 4°14 | 2°26 | 10°24 | 3°34 | 15°13 | 10°46 | 10° 6 | 1°21 | 0°10 | T 12 |
| F 13 | 15 23 24 | 22°38'11 | 2 <u>5</u> °25 | 28° 8 | 16°10 | 3°34 | 4°28 | 2°23 | 10°27 | 3°33 | 15°12 | 10°34 | 10° 3 | 1°27 | 0°13 | F 13 |
| S 14 | 15 27 21 | 23°36'50 | 7 궁 21 | 29°36 | 16°32 | 4°20 | 4°43 | 2°20 | 10°30 | 3°32 | 15°11 | 10°24 | 10° 0 | 1°34 | 0°16 | S 14 |
| S 15 | 15 31 17 | 24°35'28 | 19°23 | 1 8 6 | 16°55 | 5° 6 | 4°57 | 2°17 | 10°32 | 3°31 | 15° 9 | 10°16 | 9°56 | 1°41 | 0°18 | S 15 |
| M16 | 15 35 14 | 25°34'04 | 1≈34 | 2°37 | 17°20 | 5°52 | 5°11 | 2°14 | 10°35 | 3°30 | 15° 8 | 10°11 | 9°53 | 1°48 | 0°21 | M16 |
| T 17 | 15 39 11 | 26°32'39 | 13°58 | 4°11 | 17°47 | 6°38 | 5°25 | 2°11 | 10°38 | 3°28 | 15° 7 | 10° 9 | 9°50 | 1°54 | 0°23 | T 17 |
| W18 | 15 43 7 | 27°31'12 | 26°39 | 5°46 | 18°15 | 7°24 | 5°40 | 2° 7 | 10°41 | 3°27 | 15° 6 | 10°D 8 | 9°47 | 2° 1 | 0°26 | W18 |
| T 19 | 15 47 4 | 28°29'43 | 9) (42 | 7°23 | 18°45 | 8°10 | 5°54 | 2° 4 | 10°43 | 3°26 | 15° 5 | 10°R 8 | 9°44 | 2° 8 | 0°28 | T 19 |
| F 20 | 15 51 0 | 29°28'13 | 23°10 | 9° 2 | 19°17 | 8°56 | 6° 8 | 2° 1 | 10°46 | 3°25 | 15° 4 | 10° 8 | 9°41 | 2°14 | 0°31 | F 20 |
| S 21 | 15 54 57 | 0 Ⅱ 26'41 | 7 ℃ 7 | 10°42 | 19°49 | 9°42 | 6°23 | 1°57 | 10°49 | 3°23 | 15° 3 | 10° 6 | 9°37 | 2°21 | 0°33 | S 21 |
| S 22 | 15 58 53 | 1°25'08 | 21°32 | 12°25 | 20°24 | 10°28 | 6°37 | 1°54 | 10°52 | 3°22 | 15° 2 | 10° 1 | 9°34 | 2°28 | 0°35 | S 22 |
| M23 | 16 2 50 | 2°23'33 | 6 8 23 | 14° 9 | 20°59 | 11°14 | 6°51 | 1°50 | 10°55 | 3°21 | 15° 1 | 9°54 | 9°31 | 2°35 | 0°38 | M23 |
| T 24 | 16 6 46 | 3°21'57 | 21°33 | 15°55 | 21°36 | 12° 0 | 7° 6 | 1°47 | 10°58 | 3°19 | 15° 0 | 9°45 | 9°28 | 2°41 | 0°40 | T 24 |
| W25 | 16 10 43 | 4°20'19 | 6耳53 | 17°42 | 22°13 | 12°46 | 7°20 | 1°43 | 11° 1 | 3°18 | 14°59 | 9°34 | 9°25 | 2°48 | 0°42 | W25 |
| T 26 | 16 14 40 | 5°18'40 | 22°10 | 19°32 | 22°52 | 13°32 | 7°35 | 1°39 | 11° 4 | 3°17 | 14°58 | 9°23 | 9°21 | 2°55 | 0°44 | T 26 |
| F 27 | 16 18 36 | 6°16'59 | 79915 | 21°23 | 23°33 | 14°18 | 7°49 | 1°35 | 11° 7 | 3°15 | 14°57 | 9°13 | 9°18 | 3° 1 | 0°46 | F 27 |
| S 28 | 16 22 33 | 7°15'16 | 21°57 | 23°16 | 24°14 | 15° 4 | 8° 3 | 1°32 | 11°10 | 3°14 | 14°56 | 9° 6 | 9°15 | 3° 8 | 0°48 | S 28 |
| S 29 | 16 26 29 | 8°13'30 | 6 Ω 11 | 25°11 | 24°56 | 15°49 | 8°18 | 1°28 | 11°13 | 3°12 | 14°55 | 9° 1 | 9°12 | 3°15 | 0°50 | S 29 |
| M30 | 16 30 26 | 9°11'43 | 19°56 | 27° 8 | 25°39 | 16°35 | 8°32 | <u>1°24</u> | 11°16 | <u>3°</u> 11 | 14°55 | 8°58 | 9° 9 | 3°22 | 0°52 | M30 |
| T 31 | 16 34 22 | 10 Ⅱ 9'54 | 3 m 13 | 298 6 | 26 Y 23 | 17 Y 21 | 8 Ⅱ 46 | 1 る 20 | 119919 | 3 ਰ 10 | 14 ♀ 54 | 8 ∺ 58 | 9 米 6 | 3 ₹ 28 | 0 Υ 54 | T 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|---------------|----------------|-----------------|--------|---------------|----------------|-----------------|---------------|----------------|---------------|------|
| W 1 | 16 38 19 | 11 II 8'03 | 16 M) 5 | 1 I I 6 | 27 Y 8 | 18 Ƴ 7 | 9 Ⅱ 1 | 1°R16 | 119523 | 3°R 8 | 14°R53 | 8°R58 | 9 ∺ 2 | 3 . ₹35 | 0 Υ 56 | W 1 |
| T 2 | 16 42 15 | 12° 6'10 | 28°36 | 3° 8 | 27°54 | 18°53 | 9°15 | 1 る 12 | 11°26 | 3ਰ 7 | 14 ≏ 52 | 8) (57 | 8°59 | 3°42 | 0°57 | T 2 |
| F 3 | 16 46 12 | 13° 4'16 | 10 ≏ 52 | 5°12 | 28°41 | 19°38 | 9°29 | 1° 8 | 11°29 | 3° 5 | 14°52 | 8°55 | 8°56 | 3°49 | 0°59 | F 3 |
| S 4 | 16 50 9 | 14° 2'19 | 22°57 | 7°17 | 29°28 | 20°24 | 9°44 | 1° 3 | 11°32 | 3° 4 | 14°51 | 8°50 | 8°53 | 3°55 | 1° 1 | S 4 |
| S 5 | 16 54 5 | 15° 0'21 | 4 M .55 | 9°23 | 0 8 16 | 21°10 | 9°58 | 0°59 | 11°35 | 3° 2 | 14°50 | 8°42 | 8°50 | 4° 2 | 1° 2 | S 5 |
| M 6 | 16 58 2 | 15°58'21 | 16°48 | 11°31 | 1° 5 | 21°56 | 10°12 | 0°55 | 11°39 | 3° 1 | 14°50 | 8°32 | 8°47 | 4° 9 | 1° 4 | M 6 |
| T 7 | 17 1 58 | 16°56'19 | 28°40 | 13°40 | 1°55 | 22°41 | 10°27 | 0°51 | 11°42 | 2°59 | 14°49 | 8°20 | 8°43 | 4°15 | 1° 5 | T 7 |
| W 8 | 17 5 55 | 17°54'16 | 10 ∡ 33 | 15°50 | 2°45 | 23°27 | 10°41 | 0°46 | 11°45 | 2°58 | 14°49 | 8° 6 | 8°40 | 4°22 | 1° 7 | W 8 |
| T 9 | 17 9 51 | 18°52'12 | 22°27 | 18° 0 | 3°37 | 24°12 | 10°55 | 0°42 | 11°49 | 2°56 | 14°48 | 7°52 | 8°37 | 4°29 | 1° 8 | T 9 |
| F 10 | 17 13 48 | 19°50'06 | 4 궁 25 | 20°12 | 4°28 | 24°58 | 11°10 | 0°38 | 11°52 | 2°54 | 14°48 | 7°40 | 8°34 | 4°36 | 1°10 | F 10 |
| S 11 | 17 17 45 | 20°47'58 | 16°28 | 22°23 | 5°21 | 25°44 | 11°24 | 0°33 | 11°55 | 2°53 | 14°47 | 7°29 | 8°31 | 4°42 | 1°11 | S 11 |
| S 12 | 17 21 41 | 21°45'50 | 28°37 | 24°35 | 6°14 | 26°29 | 11°38 | 0°29 | 11°59 | 2°51 | 14°47 | 7°21 | 8°27 | 4°49 | 1°12 | S 12 |
| M13 | 17 25 38 | 22°43'40 | 10≈55 | 26°46 | 7° 7 | 27°15 | 11°52 | 0°25 | 12° 2 | 2°50 | 14°46 | 7°16 | 8°24 | 4°56 | 1°13 | M13 |
| T 14 | 17 29 34 | 23°41'29 | 23°24 | 28°57 | 8° 1 | 28° 0 | 12° 6 | 0°20 | 12° 5 | 2°48 | 14°46 | 7°13 | 8°21 | 5° 3 | 1°15 | T 14 |
| W15 | 17 33 31 | 24°39'17 | 6 米 8 | 199 7 | 8°56 | 28°46 | 12°21 | 0°16 | 12° 9 | 2°46 | 14°46 | 7°D12 | 8°18 | 5° 9 | 1°16 | W15 |
| T 16 | 17 37 27 | 25°37'04 | 19°10 | 3°16 | 9°51 | 29°31 | 12°35 | 0°11 | 12°12 | 2°45 | 14°45 | 7°R12 | 8°15 | 5°16 | 1°17 | T 16 |
| F 17 | 17 41 24 | 26°34'49 | 2 Υ 34 | 5°24 | 10°46 | 0816 | 12°49 | 0° 7 | 12°16 | 2°43 | 14°45 | 7°12 | 8°12 | 5°23 | 1°18 | F 17 |
| S 18 | 17 45 20 | 27°32'34 | 16°22 | 7°30 | 11°43 | 1° 2 | 13° 3 | 0° 2 | 12°19 | 2°42 | 14°45 | 7°11 | 8° 8 | 5°29 | 1°19 | S 18 |
| S 19 | 17 49 17 | 28°30'18 | 0 8 35 | 9°34 | 12°39 | 1°47 | 13°17 | 29 ∡ 758 | 12°23 | 2°40 | 14°45 | 7° 8 | 8° 5 | 5°36 | 1°20 | S 19 |
| M20 | 17 53 14 | 29°28'01 | 15°13 | 11°37 | 13°36 | 2°32 | 13°31 | 29°53 | 12°26 | 2°38 | 14°44 | 7° 2 | 8° 2 | 5°43 | 1°20 | M20 |
| T 21 | 17 57 10 | 0925'43 | 0 I I1 | 13°37 | 14°34 | 3°18 | 13°45 | 29°49 | 12°30 | 2°37 | 14°44 | 6°54 | 7°59 | 5°50 | 1°21 | T 21 |
| W22 | 18 1 7 | 1°23'25 | 15°20 | 15°35 | 15°31 | 4° 3 | 13°59 | 29°44 | 12°33 | 2°35 | 14°44 | 6°44 | 7°56 | 5°56 | 1°22 | W22 |
| T 23 | 18 5 3 | 2°21'05 | 0931 | 17°31 | 16°30 | 4°48 | 14°13 | 29°40 | 12°37 | 2°34 | 14°44 | 6°35 | 7°53 | 6° 3 | 1°22 | T 23 |
| F 24 | 18 9 0 | 3°18'44 | 15°33 | 19°24 | 17°28 | 5°33 | 14°27 | 29°35 | 12°40 | 2°32 | 14°44 | 6°26 | 7°49 | 6°10 | 1°23 | F 24 |
| S 25 | 18 12 56 | 4°16'22 | 0 Ω 18 | 21°15 | 18°27 | 6°18 | 14°41 | 29°31 | 12°44 | 2°30 | 14°D44 | 6°20 | 7°46 | 6°16 | 1°24 | S 25 |
| S 26 | 18 16 53 | 5°13'59 | 14°37 | 23° 3 | 19°27 | 7° 3 | 14°55 | 29°26 | 12°47 | 2°29 | 14°44 | 6°16 | 7°43 | 6°23 | 1°24 | S 26 |
| M27 | 18 20 50 | 6°11'34 | 28°28 | 24°48 | 20°26 | 7°48 | 15° 9 | 29°22 | 12°51 | 2°27 | 14°44 | 6°14 | 7°40 | 6°30 | 1°25 | M27 |
| T 28 | 18 24 46 | 7° 9'08 | 11 m 51 | 26°31 | 21°26 | 8°33 | 15°23 | 29°18 | 12°54 | 2°25 | 14°44 | 6°D14 | 7°37 | 6°37 | 1°25 | T 28 |
| W29 | 18 28 43 | 8° 6'41 | 24°48 | 28°11 | 22°26 | 9°18 | 15°36 | 29°13 | 12°58 | 2°24 | 14°44 | 6°14 | 7°33 | 6°43 | 1°25 | W29 |
| T 30 | 18 32 39 | 995 4'13 | 7 ≏ 22 | 299548 | 23 8 27 | 108 3 | 15 Ⅱ 50 | 29 × 9 | 1399 1 | 2 ろ 22 | 14 ≏ 44 | 6°R15 | 7 ∺ 30 | 6 ₮ 50 | 1 Υ 25 | T 30 |

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|-------------|----------------------|----------------------|------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|---------------|----------------|---------------|---------------|----------------|---------------|-------------|
| F 1 | 18 36 36 | 1095 1'43 | 19 ॒ 39 | 1£22 | 24 8 28 | 10848 | 16耳 4 | 29°R 4 | 1395 5 | 2°R21 | 14 ≏ 45 | 6°R14 | 7 ∺ 27 | 6 ₹ 157 | 1 Υ 26 | F 1 |
| S 2 | 18 40 32 | 10°59'13 | 1 M .44 | 2°53 | 25°29 | 11°33 | 16°17 | 29 🗷 0 | 13° 8 | 2 ਰ 19 | 14°45 | 6 ∺ 12 | 7°24 | 7° 4 | 1°26 | S 2 |
| S 3 | 18 44 29 | 11°56'41 | 13°40 | 4°22 | 26°31 | 12°17 | 16°31 | 28°56 | 13°12 | 2°17 | 14°45 | 6° 8 | 7°21 | 7°10 | 1°26 | S 3 |
| M 4 | 18 48 25 | 12°54'08 | 25°32 | 5°48 | 27°33 | 13° 2 | 16°45 | 28°51 | 13°16 | 2°16 | 14°45 | 6° 1 | 7°18 | 7°17 | 1°R26 | M 4 |
| T 5 | 18 52 22 | 13°51'35 | 7 . ₹24 | 7°11 | 28°35 | 13°46 | 16°58 | 28°47 | 13°19 | 2°14 | 14°46 | 5°53 | 7°14 | 7°24 | 1°26 | T 5 |
| W 6 | 18 56 19 | 14°49'00 | 19°19 | 8°31 | 29°37 | 14°31 | 17°12 | 28°43 | 13°23 | 2°13 | 14°46 | 5°44 | 7°11 | 7°30 | 1°26 | W 6 |
| T 7 | 19 0 15 | 15°46'25 | 1중18 | 9°48 | 0 ∏ 39 | 15°15 | 17°25 | 28°39 | 13°26 | 2°11 | 14°46 | 5°34 | 7° 8 | 7°37 | 1°26 | T 7 |
| F 8 | 19 4 12 | 16°43'48 | 13°23 25°36 | 11° 2 12°12 | 1°42 | 16° 0 | 17°38 17°52 | 28°35 28°30 | 13°30 13°33 | 2°10 2° 8 | 14°47 | 5°25 | 7° 5 7° 2 | 7°44 7°51 | 1°26 | F 8 S 9 |
| | 19 8 8 | 17°41'11 | | | 2°45 | 16°44 | | | | | 14°47 | 5°18 | | | 1°25 | |
| S 10 | 19 12 5 | 18°38'34 | 7≈57 | 13°20 | 3°49 | 17°29 | 18° 5 | 28°26 | 13°37 | 2° 6 | 14°48 | 5°13 | 6°59 | 7°57 | 1°25 | S 10 |
| M11 | 19 16 1 | 19°35'56 | 20°29 | 14°25 | 4°52 | 18°13 | 18°18 | 28°22 | 13°40 | 2° 5 | 14°48 | 5°10 | 6°55 | 8° 4 | 1°25 | M11 |
| T 12 W13 | 19 19 58 19 23 54 | 20°33'17 21°30'38 | 3 米 12 16° 7 | 15°26 16°24 | 5°56 7° 0 | 18°57 19°41 | 18°31 18°45 | 28°18 28°14 | 13°44 13°47 | 2° 3 2° 2 | 14°49 14°49 | 5°D 9 5° 9 | 6°52 6°49 | 8°11 8°18 | 1°24 1°24 | T 12 W13 |
| T 14 | 19 23 34 | 21°30'38 22°27'58 | 29°18 | 16°24 | 8° 4 | 20°25 | 18°43 18°58 | 28°14 28°11 | 13°47 13°51 | 2° 2 2° 0 | 14°49 14°50 | 5°10 | 6°46 | 8°24 | 1°24 1°23 | T 14 |
| F 15 | 19 27 31 | 22°25'19 | 12° | 18° 9 | 9° 8 | 20°23 | 19°11 | 28° 7 | 13°55 | 1°59 | 14°50 | 5°12 | 6°43 | 8°31 | 1°23 | F 15 |
| S 16 | 19 35 44 | 24°22'39 | 26°31 | 18°56 | 10°13 | 21°53 | 19°24 | 28° 3 | 13°58 | 1°57 | 14°51 | 5°R12 | 6°39 | 8°38 | 1°22 | S 16 |
| S 17 | 19 39 41 | 25°19'59 | 10836 | 19°40 | 11°18 | 22°37 | 19°36 | 27°59 | 14° 2 | 1°56 | 14°52 | 5°11 | 6°36 | 8°44 | 1°21 | S 17 |
| M18 | 19 39 41 | 25°19'39 26°17'19 | 25° 0 | 20°19 | 11°18 | 23°21 | 19°36 | 27°55 | 14° 2 | 1°54 | 14°52 14°52 | 5° 8 | 6°33 | 8°51 | 1°21 | M18 |
| T 19 | 19 47 34 | 27°14'39 | 9 ∏ 38 | 20°55 | 13°28 | 24° 5 | 20° 2 | 27°52 | 14° 9 | 1°53 | 14°53 | 5° 4 | 6°30 | 8°58 | 1°20 | T 19 |
| W20 | 19 51 30 | 28°11'59 | 24°26 | 21°26 | 14°33 | 24°48 | 20°15 | 27°48 | 14°12 | 1°52 | 14°54 | 4°59 | 6°27 | 9° 5 | 1°19 | W20 |
| T 21 | 19 55 27 | 29° 9'19 | 99516 | 21°54 | 15°38 | 25°32 | 20°27 | 27°45 | 14°15 | 1°50 | 14°55 | 4°54 | 6°24 | 9°11 | 1°18 | T 21 |
| F 22 | 19 59 23 | 0 ん 6'38 | 24° 1 | 22°17 | 16°44 | 26°16 | 20°40 | 27°41 | 14°19 | 1°49 | 14°56 | 4°49 | 6°20 | 9°18 | 1°17 | F 22 |
| S 23 | 20 3 20 | 1° 3'58 | 8 Ω 33 | 22°35 | 17°50 | 26°59 | 20°53 | 27°38 | 14°22 | 1°47 | 14°57 | 4°46 | 6°17 | 9°25 | 1°16 | S 23 |
| S 24 | 20 7 17 | 2° 1'17 | 22°45 | 22°50 | 18°56 | 27°43 | 21° 5 | 27°35 | 14°26 | 1°46 | 14°57 | 4°44 | 6°14 | 9°31 | 1°15 | S 24 |
| M25 | 20 11 13 | 2°58'35 | 6 m 34 | 22°59 | 20° 2 | 28°26 | 21°17 | 27°31 | 14°29 | 1°45 | 14°58 | 4°D43 | 6°11 | 9°38 | 1°14 | M25 |
| T 26 | 20 15 10 | 3°55'53 | 19°58 | 23° 4 | 21° 8 | 29° 9 | 21°30 | 27°28 | 14°33 | 1°43 | 14°59 | 4°44 | 6° 8 | 9°45 | 1°13 | T 26 |
| W27 | 20 19 6 | 4°53'11 | 2 ≏ 58 | 23°R 4 | 22°15 | 29°52 | 21°42 | 27°25 | 14°36 | 1°42 | 15° 0 | 4°45 | 6° 5 | 9°52 | 1°12 | W27 |
| T 28 | 20 23 3 | 5°50'29 | 15°36 | 23° 0 | 23°21 | 0Д35 | 21°54 | 27°22 | 14°39 | 1°41 | 15° 1 | 4°47 | 6° 1 | 9°58 | 1°10 | T 28 |
| F 29 | 20 26 59 | 6°47'46 | 27°56 | 22°51 | 24°28 | 1°18 | 22° 6 | 27°19 | 14°43 | 1°40 | 15° 2 | 4°48 | 5°58 | 10° 5 | 1° 9 | F 29 |
| S 30 | 20 30 56 | 7°45'03 | 10 M 3 | 22°37 | 25°35 | 2° 1 | 22°18 | 27°16 | 14°46 | 1°38 | 15° 3 | 4°R48 | 5°55 | 10°12 | 1° 8 | S 30 |
| S 31 | 20 34 52 | 8 Ω 42'19 | 22 M 0 | 22 \O 19 | 26∏42 | 2 ∏ 44 | 22 II 30 | 27 × 13 | 149649 | 1 궁 37 | 15 ♀ 5 | 4) 48 | 5 ¥ 52 | 10 × 19 | 1 Υ 6 | S 31 |

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|------|----------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-------|---------------|----------------|-----------------|---------------|-----------------|--------------|------|
| M 1 | 20 38 49 | 9€39'36 | 3 , ₹54 | 21°R57 | 27 Ⅱ 49 | 3 Ⅱ 27 | 22∏42 | 27°R11 | 14953 | 1°R36 | 15 ♀ 6 | 4°R46 | 5) 49 | 10 ₹ 25 | 1°R 5 | M 1 |
| T 2 | 20 42 46 | 10°36'52 | 15°47 | 21 Ω 31 | 28°56 | 4° 9 | 22°54 | 27 . ₹ 8 | 14°56 | 1 る 35 | 15° 7 | 4) (43 | 5°45 | 10°32 | 1 Υ 4 | T 2 |
| W 3 | 20 46 42 | 11°34'08 | 2 <u>7</u> °44 | 21° 2 | 0 9 3 | 4°52 | 23° 5 | 27° 6 | 14°59 | 1°34 | 15° 8 | 4°39 | 5°42 | 10°39 | 1° 2 | W 3 |
| T 4 | 20 50 39 | 12°31'24 | 9 궁 48 | 20°29 | 1°11 | 5°34 | 23°17 | 27° 3 | 15° 3 | 1°32 | 15° 9 | 4°36 | 5°39 | 10°45 | 1° 0 | T 4 |
| F 5 | 20 54 35 | 13°28'40 | 22° 1 | 19°54 | 2°18 | 6°17 | 23°29 | 27° 1 | 15° 6 | 1°31 | 15°10 | 4°32 | 5°36 | 10°52 | 0°59 | F 5 |
| S 6 | 20 58 32 | 14°25'57 | 4≈25 | 19°16 | 3°26 | 6°59 | 23°40 | 26°58 | 15° 9 | 1°30 | 15°12 | 4°30 | 5°33 | 10°59 | 0°57 | S 6 |
| S 7 | 21 2 28 | 15°23'13 | 17° 2 | 18°38 | 4°34 | 7°41 | 23°51 | 26°56 | 15°12 | 1°29 | 15°13 | 4°28 | 5°30 | 11° 6 | 0°55 | S 7 |
| M 8 | 21 6 25 | 16°20'29 | 29°52 | 17°58 | 5°42 | 8°23 | 24° 3 | 26°54 | 15°15 | 1°28 | 15°14 | 4°D27 | 5°26 | 11°12 | 0°54 | M 8 |
| T 9 | 21 10 22 | 17°17'46 | 12 米 55 | 17°18 | 6°50 | 9° 5 | 24°14 | 26°52 | 15°19 | 1°27 | 15°16 | 4°27 | 5°23 | 11°19 | 0°52 | T 9 |
| W10 | 21 14 18 | 18°15'03 | 26°12 | 16°38 | 7°58 | 9°47 | 24°25 | 26°50 | 15°22 | 1°26 | 15°17 | 4°28 | 5°20 | 11°26 | 0°50 | W10 |
| T 11 | 21 18 15 | 19°12'21 | 9 Υ 41 | 16° 0 | 9° 7 | 10°29 | 24°36 | 26°48 | 15°25 | 1°25 | 15°18 | 4°29 | 5°17 | 11°33 | 0°48 | T 11 |
| F 12 | 21 22 11 | 20° 9'39 | 23°23 | 15°23 | 10°15 | 11°11 | 24°47 | 26°46 | 15°28 | 1°24 | 15°20 | 4°30 | 5°14 | 11°39 | 0°46 | F 12 |
| S 13 | 21 26 8 | 21° 6'58 | 7817 | 14°50 | 11°24 | 11°52 | 24°58 | 26°45 | 15°31 | 1°23 | 15°21 | 4°31 | 5°11 | 11°46 | 0°44 | S 13 |
| S 14 | 21 30 4 | 22° 4'17 | 21°22 | 14°19 | 12°32 | 12°34 | 25° 8 | 26°43 | 15°34 | 1°22 | 15°23 | 4°R31 | 5° 7 | 11°53 | 0°42 | S 14 |
| M15 | 21 34 1 | 23° 1'38 | 5 Ⅱ 36 | 13°52 | 13°41 | 13°15 | 25°19 | 26°41 | 15°37 | 1°22 | 15°24 | 4°31 | 5° 4 | 11°59 | 0°40 | M15 |
| T 16 | 21 37 57 | 23°58'59 | 19°58 | 13°29 | 14°50 | 13°57 | 25°29 | 26°40 | 15°40 | 1°21 | 15°26 | 4°30 | 5° 1 | 12° 6 | 0°38 | T 16 |
| W17 | 21 41 54 | 24°56'21 | 49522 | 13°12 | 15°59 | 14°38 | 25°40 | 26°39 | 15°43 | 1°20 | 15°27 | 4°29 | 4°58 | 12°13 | 0°36 | W17 |
| T 18 | 21 45 51 | 25°53'44 | 18°46 | 12°59 | 17° 8 | 15°19 | 25°50 | 26°37 | 15°46 | 1°19 | 15°29 | 4°28 | 4°55 | 12°20 | 0°34 | T 18 |
| F 19 | 21 49 47 | 26°51'08 | 3 N 5 | 12°52 | 18°17 | 16° 0 | 26° 0 | 26°36 | 15°49 | 1°18 | 15°31 | 4°28 | 4°51 | 12°26 | 0°31 | F 19 |
| S 20 | 21 53 44 | 27°48'32 | 17°13 | 12°D50 | 19°27 | 16°41 | 26°10 | 26°35 | 15°52 | 1°18 | 15°32 | 4°27 | 4°48 | 12°33 | 0°29 | S 20 |
| S 21 | 21 57 40 | 28°45'57 | 1 Mp 6 | 12°55 | 20°36 | 17°22 | 26°20 | 26°34 | 15°54 | 1°17 | 15°34 | 4°D27 | 4°45 | 12°40 | 0°27 | S 21 |
| M22 | 22 1 37 | 29°43'22 | 14°42 | 13° 5 | 21°46 | 18° 2 | 26°30 | 26°33 | 15°57 | 1°16 | 15°35 | 4°27 | 4°42 | 12°46 | 0°25 | M22 |
| T 23 | 22 5 33 | 0 m 40'49 | 27°59 | 13°22 | 22°55 | 18°43 | 26°40 | 26°33 | 16° 0 | 1°16 | 15°37 | 4°27 | 4°39 | 12°53 | 0°22 | T 23 |
| W24 | 22 9 30 | 1°38'15 | 10 ≏ 55 | 13°45 | 24° 5 | 19°23 | 26°49 | 26°32 | 16° 3 | 1°15 | 15°39 | 4°27 | 4°36 | 13° 0 | 0°20 | W24 |
| T 25 | 22 13 26 | 2°35'42 | 23°33 | 14°15 | 25°15 | 20° 3 | 26°59 | 26°31 | 16° 5 | 1°14 | 15°41 | 4°28 | 4°32 | 13° 7 | 0°17 | T 25 |
| F 26 | 22 17 23 | 3°33'10 | 5 M 54 | 14°50 | 26°24 | 20°43 | 27° 8 | 26°31 | 16° 8 | 1°14 | 15°42 | 4°28 | 4°29 | 13°13 | 0°15 | F 26 |
| S 27 | 22 21 19 | 4°30'39 | 18° 2 | 15°32 | 27°34 | 21°23 | 27°17 | 26°31 | 16°11 | 1°13 | 15°44 | 4°R28 | 4°26 | 13°20 | 0°13 | S 27 |
| S 28 | 22 25 16 | 5°28'08 | 0 才 1 | 16°20 | 28°44 | 22° 3 | 27°27 | 26°30 | 16°13 | 1°13 | 15°46 | 4°D28 | 4°23 | 13°27 | 0°10 | S 28 |
| M29 | 22 29 13 | 6°25'37 | 11°55 | 17°15 | 29°54 | 22°43 | 27°36 | 26°30 | 16°16 | 1°12 | 15°48 | 4°28 | 4°20 | 13°34 | 0° 8 | M29 |
| T 30 | 22 33 9 | 7°23'08 | 2 <u>3</u> °48 | 18°15 | 1Ω 5 | 23°23 | 27°44 | 26°D30 | 16°18 | <u>1°12</u> | 15°49 | 4°28 | 4°17 | 13°40 | 0° 5 | T 30 |
| W31 | 22 37 6 | 8 m 20'39 | 5 七 47 | 19 Ω 21 | 2 Ω 15 | 24 II 2 | 27 II 53 | 26 ₮ 30 | 16921 | 1 る 12 | 15 ≏ 51 | 4) €28 | 4 光 13 | 13 ∡ 747 | 0 Υ 2 | W31 |

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|------|----------|------------------|-----------------|-----------------|----------------|-------|-------|----------------|--------|---------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 22 41 2 | 9 m 18'10 | 17 る 53 | 20 £ 33 | 3 N 25 | 24∏42 | 28Ⅱ 2 | 26 ₮ 30 | 169523 | 1°R11 | 15 ≏ 53 | 4) €29 | 4) (10 | 13 ∡ 54 | 29°R59 | T 1 |
| F 2 | 22 44 59 | 10°15'43 | 0≈12 | 21°50 | 4°36 | 25°21 | 28°10 | 26°30 | 16°26 | 1ਰ11 | 15°55 | 4°29 | 4° 7 | 14° 0 | 29 米 57 | F 2 |
| S 3 | 22 48 55 | 11°13'16 | 12°46 | 23°13 | 5°46 | 26° 0 | 28°19 | 26°31 | 16°28 | 1°10 | 15°57 | 4°30 | 4° 4 | 14° 7 | 29°55 | S 3 |
| S 4 | 22 52 52 | 12°10'50 | 25°37 | 24°41 | 6°57 | 26°39 | 28°27 | 26°31 | 16°31 | 1°10 | 15°59 | 4°30 | 4° 1 | 14°14 | 29°52 | S 4 |
| M 5 | 22 56 48 | 13° 8'25 | 8) (46 | 26°13 | 8° 8 | 27°18 | 28°35 | 26°31 | 16°33 | 1°10 | 16° 1 | 4°R30 | 3°57 | 14°21 | 29°49 | M 5 |
| T 6 | 23 0 45 | 14° 6'01 | 22°12 | 27°50 | 9°18 | 27°56 | 28°43 | 26°32 | 16°35 | 1°10 | 16° 3 | 4°30 | 3°54 | 14°27 | 29°47 | T 6 |
| W 7 | 23 4 42 | 15° 3'38 | 5 Ƴ 55 | 29°31 | 10°29 | 28°35 | 28°51 | 26°33 | 16°37 | 1°10 | 16° 5 | 4°29 | 3°51 | 14°34 | 29°44 | W 7 |
| T 8 | 23 8 38 | 16° 1'17 | 19°50 | 1 m p 15 | 11°40 | 29°13 | 28°58 | 26°34 | 16°40 | 1° 9 | 16° 7 | 4°28 | 3°48 | 14°41 | 29°41 | T 8 |
| F 9 | 23 12 35 | 16°58'56 | 3 8 56 | 3° 3 | 12°51 | 29°51 | 29° 6 | 26°34 | 16°42 | 1° 9 | 16° 9 | 4°26 | 3°45 | 14°47 | 29°38 | F 9 |
| S 10 | 23 16 31 | 17°56'38 | 18° 9 | 4°54 | 14° 2 | 0ණ29 | 29°13 | 26°35 | 16°44 | 1° 9 | 16°11 | 4°25 | 3°42 | 14°54 | 29°36 | S 10 |
| S 11 | 23 20 28 | 18°54'20 | 2 Ⅱ 24 | 6°47 | 15°13 | 1° 7 | 29°20 | 26°36 | 16°46 | 1° 9 | 16°13 | 4°24 | 3°38 | 15° 1 | 29°33 | S 11 |
| M12 | 23 24 24 | 19°52'05 | 16°40 | 8°42 | 16°25 | 1°45 | 29°28 | 26°38 | 16°48 | 1°D 9 | 16°15 | 4°D23 | 3°35 | 15° 8 | 29°30 | M12 |
| T 13 | 23 28 21 | 20°49'51 | 0952 | 10°39 | 17°36 | 2°22 | 29°34 | 26°39 | 16°50 | 1° 9 | 16°17 | 4°23 | 3°32 | 15°14 | 29°27 | T 13 |
| W14 | 23 32 17 | 21°47'38 | 14°59 | 12°37 | 18°48 | 3° 0 | 29°41 | 26°40 | 16°52 | 1° 9 | 16°19 | 4°24 | 3°29 | 15°21 | 29°25 | W14 |
| T 15 | 23 36 14 | 22°45'27 | 29° 0 | 14°36 | 19°59 | 3°37 | 29°48 | 26°42 | 16°54 | 1° 9 | 16°21 | 4°25 | 3°26 | 15°28 | 29°22 | T 15 |
| F 16 | 23 40 11 | 23°43'18 | 12 Ω 51 | 16°36 | 21°11 | 4°14 | 29°54 | 26°43 | 16°56 | 1° 9 | 16°23 | 4°27 | 3°23 | 15°34 | 29°19 | F 16 |
| S 17 | 23 44 7 | 24°41'10 | 26°32 | 18°36 | 22°22 | 4°51 | 0ණ 1 | 26°45 | 16°57 | 1° 9 | 16°25 | 4°28 | 3°19 | 15°41 | 29°16 | S 17 |
| S 18 | 23 48 4 | 25°39'04 | 10 m) 1 | 20°36 | 23°34 | 5°28 | 0° 7 | 26°47 | 16°59 | 1°10 | 16°27 | 4°R28 | 3°16 | 15°48 | 29°13 | S 18 |
| M19 | 23 52 0 | 26°36'59 | 23°16 | 22°35 | 24°46 | 6° 4 | 0°13 | 26°49 | 17° 1 | 1°10 | 16°29 | 4°27 | 3°13 | 15°55 | 29°10 | M19 |
| T 20 | 23 55 57 | 27°34'55 | 6 ≏ 17 | 24°34 | 25°58 | 6°41 | 0°19 | 26°51 | 17° 3 | 1°10 | 16°31 | 4°24 | 3°10 | 16° 1 | 29° 8 | T 20 |
| W21 | 23 59 53 | 28°32'53 | 19° 3 | 26°33 | 27°10 | 7°17 | 0°24 | 26°53 | 17° 4 | 1°10 | 16°34 | 4°21 | 3° 7 | 16° 8 | 29° 5 | W21 |
| T 22 | 0 3 50 | 29°30'52 | 1 M .35 | 28°31 | 28°22 | 7°53 | 0°30 | 26°55 | 17° 6 | 1°11 | 16°36 | 4°17 | 3° 3 | 16°15 | 29° 2 | T 22 |
| F 23 | 0 7 46 | 0 ჲ 28'53 | 13°52 | 0 <u>ჲ</u> 28 | 29°34 | 8°29 | 0°35 | 26°57 | 17° 7 | 1°11 | 16°38 | 4°13 | 3° 0 | 16°22 | 28°59 | F 23 |
| S 24 | 0 11 43 | 1°26'55 | 25°59 | 2°24 | 0 m /46 | 9° 4 | 0°40 | 26°59 | 17° 9 | 1°11 | 16°40 | 4° 9 | 2°57 | 16°28 | 28°56 | S 24 |
| S 25 | 0 15 40 | 2°24'58 | 7 ,₹ 57 | 4°19 | 1°58 | 9°40 | 0°45 | 27° 2 | 17°10 | 1°12 | 16°42 | 4° 6 | 2°54 | 16°35 | 28°53 | S 25 |
| M26 | 0 19 36 | 3°23'03 | 19°50 | 6°13 | 3°10 | 10°15 | 0°50 | 27° 4 | 17°12 | 1°12 | 16°44 | 4° 4 | 2°51 | 16°42 | 28°51 | M26 |
| T 27 | 0 23 33 | 4°21'09 | 1 る 42 | 8° 5 | 4°23 | 10°50 | 0°55 | 27° 7 | 17°13 | 1°13 | 16°47 | 4°D 3 | 2°48 | 16°48 | 28°48 | T 27 |
| W28 | 0 27 29 | 5°19'16 | 13°39 | 9°57 | 5°35 | 11°24 | 0°59 | 27° 9 | 17°15 | 1°13 | 16°49 | 4° 3 | 2°44 | 16°55 | 28°45 | W28 |
| T 29 | 0 31 26 | 6°17'24 | 25°45 | 11°47 | 6°47 | 11°59 | 1° 3 | 27°12 | 17°16 | 1°14 | 16°51 | 4° 4 | 2°41 | 17° 2 | 28°42 | T 29 |
| F 30 | 0 35 22 | 7 ≏ 15'34 | 8≈ 5 | 13 ≏ 36 | 8Mp 0 | 12933 | 195 8 | 27 × 15 | 179617 | 1 る 14 | 16 ≏ 53 | 4 ∺ 6 | 2 ₩38 | 17 ,7 9 | 28 米 39 | F 30 |

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|------|---------|------------------|----------------|----------------|----------------|--------|-------|-----------------|--------|---------------|----------------|---------------|---------------|----------------|----------------|------|
| S 1 | 0 39 19 | 8 ₾ 13'46 | 20≈43 | 15 ≏ 25 | 9 m 13 | 1395 7 | 19911 | 27 × 18 | 179518 | 1 ට 15 | 16 ≏ 55 | 4 ∺ 7 | 2 ₩35 | 17 √ 15 | 28°R37 | S 1 |
| S 2 | 0 43 15 | 9°11'58 | 3) €42 | 17°11 | 10°25 | 13°41 | 1°15 | 27°21 | 17°19 | 1°15 | 16°58 | 4°R 8 | 2°32 | 17°22 | 28) 34 | S 2 |
| M 3 | 0 47 12 | 10°10'13 | 17° 4 | 18°57 | 11°38 | 14°15 | 1°19 | 27°24 | 17°20 | 1°16 | 17° 0 | 4° 7 | 2°28 | 17°29 | 28°31 | M 3 |
| T 4 | 0 51 9 | 11° 8'28 | 0 Υ 49 | 20°42 | 12°51 | 14°48 | 1°22 | 27°27 | 17°21 | 1°17 | 17° 2 | 4° 5 | 2°25 | 17°35 | 28°28 | T 4 |
| W 5 | 0 55 5 | 12° 6'46 | 14°56 | 22°25 | 14° 3 | 15°22 | 1°25 | 27°31 | 17°22 | 1°17 | 17° 4 | 4° 1 | 2°22 | 17°42 | 28°26 | W 5 |
| T 6 | 0 59 2 | 13° 5'05 | 29°20 | 24° 7 | 15°16 | 15°54 | 1°28 | 27°34 | 17°23 | 1°18 | 17° 6 | 3°55 | 2°19 | 17°49 | 28°23 | T 6 |
| F 7 | 1 2 58 | 14° 3'26 | 13854 | 25°49 | 16°29 | 16°27 | 1°31 | 27°37 | 17°24 | 1°19 | 17° 9 | 3°49 | 2°16 | 17°56 | 28°20 | F 7 |
| S 8 | 1 6 55 | 15° 1'49 | 28°32 | 27°29 | 17°42 | 17° 0 | 1°34 | 27°41 | 17°25 | 1°20 | 17°11 | 3°43 | 2°13 | 18° 2 | 28°18 | S 8 |
| S 9 | 1 10 51 | 16° 0'14 | 13耳 8 | 29° 8 | 18°55 | 17°32 | 1°36 | 27°45 | 17°26 | 1°21 | 17°13 | 3°38 | 2° 9 | 18° 9 | 28°15 | S 9 |
| M10 | 1 14 48 | 16°58'41 | 27°35 | 0 M .46 | 20° 9 | 18° 4 | 1°38 | 27°48 | 17°26 | 1°22 | 17°15 | 3°35 | 2° 6 | 18°16 | 28°12 | M10 |
| T 11 | 1 18 44 | 17°57'11 | 119550 | 2°23 | 21°22 | 18°36 | 1°40 | 27°52 | 17°27 | 1°22 | 17°18 | 3°D33 | 2° 3 | 18°22 | 28°10 | T 11 |
| W12 | 1 22 41 | 18°55'42 | 25°51 | 3°58 | 22°35 | 19° 7 | 1°42 | 27°56 | 17°28 | 1°23 | 17°20 | 3°33 | 2° 0 | 18°29 | 28° 7 | W12 |
| T 13 | 1 26 38 | 19°54'15 | 9 Ω 36 | 5°33 | 23°48 | 19°38 | 1°44 | 28° 0 | 17°28 | 1°24 | 17°22 | 3°34 | 1°57 | 18°36 | 28° 4 | T 13 |
| F 14 | 1 30 34 | 20°52'51 | 23° 8 | 7° 7 | 25° 2 | 20° 9 | 1°45 | 28° 4 | 17°29 | 1°25 | 17°24 | 3°36 | 1°54 | 18°43 | 28° 2 | F 14 |
| S 15 | 1 34 31 | 21°51'28 | 6Mp25 | 8°40 | 26°15 | 20°40 | 1°47 | 28° 8 | 17°29 | 1°26 | 17°26 | 3°R36 | 1°50 | 18°49 | 27°59 | S 15 |
| S 16 | 1 38 27 | 22°50'08 | 19°31 | 10°12 | 27°29 | 21°10 | 1°48 | 28°12 | 17°30 | 1°27 | 17°29 | 3°35 | 1°47 | 18°56 | 27°57 | S 16 |
| M17 | 1 42 24 | 23°48'50 | 2 ≏ 24 | 11°43 | 28°42 | 21°40 | 1°49 | 28°16 | 17°30 | 1°29 | 17°31 | 3°31 | 1°44 | 19° 3 | 27°54 | M17 |
| T 18 | 1 46 20 | 24°47'33 | 15° 6 | 13°13 | 29°56 | 22°10 | 1°49 | 28°21 | 17°30 | 1°30 | 17°33 | 3°25 | 1°41 | 19° 9 | 27°52 | T 18 |
| W19 | 1 50 17 | 25°46'19 | 27°37 | 14°42 | 1 º 9 | 22°39 | 1°50 | 28°25 | 17°31 | 1°31 | 17°35 | 3°17 | 1°38 | 19°16 | 27°50 | W19 |
| T 20 | 1 54 13 | 26°45'06 | 9 M .58 | 16°10 | 2°23 | 23° 8 | 1°50 | 28°30 | 17°31 | 1°32 | 17°38 | 3° 7 | 1°34 | 19°23 | 27°47 | T 20 |
| F 21 | 1 58 10 | 27°43'55 | 22° 9 | 17°37 | 3°37 | 23°37 | 1°R50 | 28°34 | 17°31 | 1°33 | 17°40 | 2°57 | 1°31 | 19°30 | 27°45 | F 21 |
| S 22 | 2 2 6 | 28°42'47 | 4 ₹ 11 | 19° 3 | 4°50 | 24° 5 | 1°50 | 28°39 | 17°31 | 1°34 | 17°42 | 2°47 | 1°28 | 19°36 | 27°43 | S 22 |
| S 23 | 2 6 3 | 29°41'40 | 16° 6 | 20°28 | 6° 4 | 24°33 | 1°49 | 28°44 | 17°R31 | 1°36 | 17°44 | 2°38 | 1°25 | 19°43 | 27°40 | S 23 |
| M24 | 2 10 0 | 0 M 40'34 | 2 <u>7</u> °57 | 21°52 | 7°18 | 25° 1 | 1°49 | 28°48 | 17°31 | 1°37 | 17°46 | 2°30 | 1°22 | 19°50 | 27°38 | M24 |
| T 25 | 2 13 56 | 1°39'31 | 9 궁 47 | 23°15 | 8°32 | 25°28 | 1°48 | 28°53 | 17°31 | 1°38 | 17°49 | 2°25 | 1°19 | 19°56 | 27°36 | T 25 |
| W26 | 2 17 53 | 2°38'29 | 21°41 | 24°37 | 9°46 | 25°55 | 1°47 | 28°58 | 17°31 | 1°40 | 17°51 | 2°23 | 1°15 | 20° 3 | 27°34 | W26 |
| T 27 | 2 21 49 | 3°37'29 | 3≈44 | 25°58 | 11° 0 | 26°22 | 1°46 | 29° 3 | 17°31 | 1°41 | 17°53 | 2°D22 | 1°12 | 20°10 | 27°31 | T 27 |
| F 28 | 2 25 46 | 4°36'30 | 16° 0 | 27°17 | 12°14 | 26°48 | 1°45 | 29° 8 | 17°30 | 1°42 | 17°55 | 2°23 | 1° 9 | 20°17 | 27°29 | F 28 |
| S 29 | 2 29 42 | 5°35'33 | 28°35 | 28°36 | 13°28 | 27°14 | 1°43 | 29°13 | 17°30 | 1°44 | 17°57 | 2°R23 | 1° 6 | 20°23 | 27°27 | S 29 |
| S 30 | 2 33 39 | 6°34'38 | 11) 34 | 29°53 | 14°42 | 27°40 | 1°41 | 29°18 | 17°30 | <u>1°45</u> | 17°59 | 2°23 | 1° 3 | 20°30 | 27°25 | S 30 |
| M31 | 2 37 35 | 7 M 33'44 | 24 米 59 | 1 才 8 | 15 ≏ 56 | 289 5 | 1939 | 29 × 724 | 17930 | 1 る 47 | 18 ♀ 2 | 2) 21 | 1 ∺ 0 | 20 ∡ 37 | 27) 23 | M31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| ¥ | В | n | v | ţ | Ŷ, | Day |
|------|---------|--------------------|-----------------|---------------|----------------|---------------|----------------|----------------|--------|----------------|----------------|--------------|----------------|----------------|----------------|------|
| T 1 | 2 41 32 | 8M32'53 | 8 Y 53 | 2 ₹ 22 | 17 ≙ 10 | 28930 | 1°R37 | 29 × 29 | 17°R29 | 1 る 48 | 18 ♀ 4 | 2°R16 | 0) ₹56 | 20 х 43 | 27°R21 | T 1 |
| W 2 | 2 45 29 | 9°32'03 | 23°14 | 3°35 | 18°24 | 28°54 | 1935 | 29°34 | 179529 | 1°50 | 18° 6 | 2 米 9 | 0°53 | 20°50 | 27 米 19 | W 2 |
| T 3 | 2 49 25 | 10°31'14 | 7 8 58 | 4°46 | 19°39 | 29°18 | 1°32 | 29°40 | 17°28 | 1°51 | 18° 8 | 2° 0 | 0°50 | 20°57 | 27°18 | T 3 |
| F 4 | 2 53 22 | 11°30'28 | 22°56 | 5°55 | 20°53 | 29°41 | 1°29 | 29°45 | 17°28 | 1°53 | 18°10 | 1°50 | 0°47 | 21° 4 | 27°16 | F 4 |
| S 5 | 2 57 18 | 12°29'44 | 8耳 1 | 7° 2 | 22° 7 | 0 Ω 4 | 1°26 | 29°51 | 17°27 | 1°54 | 18°12 | 1°39 | 0°44 | 21°10 | 27°14 | S 5 |
| S 6 | 3 1 15 | 13°29'03 | 23° 0 | 8° 7 | 23°22 | 0°27 | 1°23 | 29°56 | 17°26 | 1°56 | 18°14 | 1°30 | 0°40 | 21°17 | 27°12 | S 6 |
| M 7 | 3 5 11 | 14°28'23 | 79547 | 9°10 | 24°36 | 0°49 | 1°20 | 0중 2 | 17°25 | 1°58 | 18°16 | 1°23 | 0°37 | 21°24 | 27°11 | M 7 |
| T 8 | 3 9 8 | 15°27'45 | 22°15 | 10°10 | 25°51 | 1°11 | 1°16 | 0° 8 | 17°25 | 1°59 | 18°18 | 1°19 | 0°34 | 21°30 | 27° 9 | T 8 |
| W 9 | 3 13 4 | 16°27'10 | 6 Ω 21 | 11° 8 | 27° 5 | 1°32 | 1°13 | 0°13 | 17°24 | 2° 1 | 18°20 | 1°17 | 0°31 | 21°37 | 27° 7 | W 9 |
| T 10 | 3 17 1 | 17°26'37 | 20° 4 | 12° 2 | 28°19 | 1°53 | 1° 9 | 0°19 | 17°23 | 2° 3 | 18°22 | 1°D17 | 0°28 | 21°44 | 27° 6 | T 10 |
| F 11 | 3 20 58 | 18°26'06 | 3 m) 27 | 12°53 | 29°34 | 2°13 | 1° 5 | 0°25 | 17°22 | 2° 5 | 18°24 | 1°R17 | 0°25 | 21°51 | 27° 4 | F 11 |
| S 12 | 3 24 54 | 19°25'38 | 16°31 | 13°40 | 0 M .49 | 2°33 | 1° 0 | 0°31 | 17°21 | 2° 6 | 18°26 | 1°16 | 0°21 | 21°57 | 27° 3 | S 12 |
| S 13 | 3 28 51 | 20°25'11 | 29°19 | 14°24 | 2° 3 | 2°52 | 0°56 | 0°37 | 17°20 | 2° 8 | 18°28 | 1°14 | 0°18 | 22° 4 | 27° 2 | S 13 |
| M14 | 3 32 47 | 21°24'47 | 11 ≏ 55 | 15° 3 | 3°18 | 3°11 | 0°51 | 0°43 | 17°19 | 2°10 | 18°30 | 1° 8 | 0°15 | 22°11 | 27° 0 | M14 |
| T 15 | 3 36 44 | 22°24'25 | 24°21 | 15°37 | 4°33 | 3°29 | 0°47 | 0°49 | 17°18 | 2°12 | 18°32 | 1° 0 | 0°12 | 22°17 | 26°59 | T 15 |
| W16 | 3 40 40 | 23°24'05 | 6 M 37 | 16° 5 | 5°47 | 3°47 | 0°42 | 0°55 | 17°17 | 2°14 | 18°34 | 0°48 | 0° 9 | 22°24 | 26°58 | W16 |
| T 17 | 3 44 37 | 24°23'47 | 18°46 | 16°28 | 7° 2 | 4° 4 | 0°36 | 1° 1 | 17°16 | 2°15 | 18°36 | 0°35 | 0° 6 | 22°31 | 26°57 | T 17 |
| F 18 | 3 48 33 | 25°23'31 | 0 ∡ 748 | 16°44 | 8°17 | 4°20 | 0°31 | 1° 8 | 17°14 | 2°17 | 18°38 | 0°20 | 0° 2 | 22°38 | 26°55 | F 18 |
| S 19 | 3 52 30 | 26°23'16 | 12°45 | 16°52 | 9°32 | 4°36 | 0°26 | 1°14 | 17°13 | 2°19 | 18°40 | 0° 5 | 29≈59 | 22°44 | 26°54 | S 19 |
| S 20 | 3 56 27 | 27°23'04 | 2 <u>4</u> °37 | 16°R53 | 10°46 | 4°51 | 0°20 | 1°20 | 17°12 | 2°21 | 18°42 | 29≈52 | 29°56 | 22°51 | 26°53 | S 20 |
| M21 | 4 0 23 | 28°22'54 | 6 궁 27 | 16°46 | 12° 1 | 5° 6 | 0°14 | 1°27 | 17°10 | 2°23 | 18°43 | 29°41 | 29°53 | 22°58 | 26°52 | M21 |
| T 22 | 4 4 20 | 29°22'45 | 18°16 | 16°30 | 13°16 | 5°20 | 0° 8 | 1°33 | 17° 9 | 2°25 | 18°45 | 29°33 | 29°50 | 23° 4 | 26°51 | T 22 |
| W23 | 4 8 16 | 0 ҂ 22'37 | 0≈ 9 | 16° 5 | 14°31 | 5°33 | 0° 2 | 1°39 | 17° 7 | 2°27 | 18°47 | 29°28 | 29°46 | 23°11 | 26°51 | W23 |
| T 24 | 4 12 13 | 1°22'32 | 12°10 | 15°30 | 15°46 | 5°46 | 29∏56 | 1°46 | 17° 6 | 2°29 | 18°49 | 29°26 | 29°43 | 23°18 | 26°50 | T 24 |
| F 25 | 4 16 9 | 2°22'28 | 24°22 | 14°46 | 17° 1 | 5°58 | 29°49 | 1°52 | 17° 4 | 2°31 | 18°51 | 29°25 | 29°40 | 23°25 | 26°49 | F 25 |
| S 26 | 4 20 6 | 3°22'25 | 6 ¥ 52 | 13°52 | 18°16 | 6° 9 | 29°43 | 1°59 | 17° 3 | 2°33 | 18°52 | 29°25 | 29°37 | 23°31 | 26°48 | S 26 |
| S 27 | 4 24 2 | 4°22'24 | 19°45 | 12°51 | 19°31 | 6°20 | 29°36 | 2° 5 | 17° 1 | 2°35 | 18°54 | 29°24 | 29°34 | 23°38 | 26°48 | S 27 |
| M28 | 4 27 59 | 5°22'25 | 3 ℃ 5 | 11°42 | 20°46 | 6°30 | 29°30 | 2°12 | 16°59 | 2°37 | 18°56 | 29°22 | 29°31 | 23°45 | 26°47 | M28 |
| T 29 | 4 31 56 | 6°22'26 | 16°55 | 10°27 | 22° 1 | 6°39 | 29°23 | 2°19 | 16°58 | 2°39 | 18°57 | 29°18 | 29°27 | 23°51 | 26°47 | T 29 |
| W30 | 4 35 52 | 7 ,₹ 122'30 | 1815 | 9 ,7 9 | 23 M 16 | 6 Ω 48 | 29 Ⅱ 16 | 2 ප් 25 | 16956 | 2 ප් 41 | 18 ≏ 59 | 29≈10 | 29≈24 | 23 ₹ 58 | 26 米 46 | W30 |

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|------|---------|-------------------|----------------|----------------|---------------|---------------|----------------|---------------|--------|---------------|----------------|----------------|-------|-----------------|-----------------|------|
| T 1 | 4 39 49 | 8 ₹ ¹22'35 | 16 8 2 | 7°R50 | 24MJ31 | 6 N 56 | 29°R 8 | 2 る 32 | 16°R54 | 2 る 43 | 19 ♀ 1 | 29°R 0 | 29≈21 | 24 √ 5 | 26°R46 | T 1 |
| F 2 | 4 43 45 | 9°22'42 | 1 Ⅲ 10 | 6 ₹ 32 | 25°46 | 7° 3 | 29Ⅱ 1 | 2°39 | 16952 | 2°45 | 19° 2 | 28 ≈ 49 | 29°18 | 24°12 | 26) (45 | F 2 |
| S 3 | 4 47 42 | 10°22'50 | 16°29 | 5°18 | 27° 1 | 7° 9 | 28°54 | 2°46 | 16°50 | 2°47 | 19° 4 | 28°38 | 29°15 | 24°18 | 26°45 | S 3 |
| S 4 | 4 51 38 | 11°23'01 | 19547 | 4°10 | 28°16 | 7°15 | 28°46 | 2°52 | 16°48 | 2°50 | 19° 5 | 28°28 | 29°12 | 24°25 | 26°45 | S 4 |
| M 5 | 4 55 35 | 12°23'13 | 16°53 | 3°10 | 29°31 | 7°20 | 28°39 | 2°59 | 16°46 | 2°52 | 19° 7 | 28°20 | 29° 8 | 24°32 | 26°45 | M 5 |
| T 6 | 4 59 32 | 13°23'27 | 1 Ω 38 | 2°20 | 0 ₮ 46 | 7°24 | 28°31 | 3° 6 | 16°44 | 2°54 | 19° 8 | 28°16 | 29° 5 | 24°38 | 26°45 | T 6 |
| W 7 | 5 3 28 | 14°23'43 | 15°58 | 1°41 | 2° 1 | 7°27 | 28°24 | 3°13 | 16°42 | 2°56 | 19°10 | 28°13 | 29° 2 | 24°45 | 26°45 | W 7 |
| T 8 | 5 7 25 | 15°24'00 | 29°50 | 1°13 | 3°16 | 7°30 | 28°16 | 3°20 | 16°40 | 2°58 | 19°11 | 28°D13 | 28°59 | 24°52 | 26°D45 | T 8 |
| F 9 | 5 11 21 | 16°24'20 | 13 M 15 | 0°58 | 4°31 | 7°31 | 28° 8 | 3°27 | 16°38 | 3° 0 | 19°13 | 28°R13 | 28°56 | 24°59 | 26°45 | F 9 |
| S 10 | 5 15 18 | 17°24'41 | 26°18 | 0°D53 | 5°47 | 7°R32 | 28° 0 | 3°34 | 16°36 | 3° 2 | 19°14 | 28°13 | 28°52 | 25° 5 | 26°45 | S 10 |
| S 11 | 5 19 14 | 18°25'04 | 9 ₾ 0 | 1° 0 | 7° 2 | 7°32 | 27°52 | 3°41 | 16°34 | 3° 5 | 19°15 | 28°11 | 28°49 | 25°12 | 26°45 | S 11 |
| M12 | 5 23 11 | 19°25'29 | 21°27 | 1°17 | 8°17 | 7°31 | 27°44 | 3°48 | 16°32 | 3° 7 | 19°17 | 28° 6 | 28°46 | 25°19 | 26°45 | M12 |
| T 13 | 5 27 7 | 20°25'56 | 3 M .42 | 1°44 | 9°32 | 7°30 | 27°36 | 3°55 | 16°30 | 3° 9 | 19°18 | 27°59 | 28°43 | 25°25 | 26°45 | T 13 |
| W14 | 5 31 4 | 21°26'24 | 15°48 | 2°19 | 10°48 | 7°27 | 27°28 | 4° 2 | 16°27 | 3°11 | 19°19 | 27°49 | 28°40 | 25°32 | 26°46 | W14 |
| T 15 | 5 35 1 | 22°26'54 | 27°47 | 3° 2 | 12° 3 | 7°23 | 27°20 | 4° 9 | 16°25 | 3°14 | 19°21 | 27°37 | 28°37 | 25°39 | 26°46 | T 15 |
| F 16 | 5 38 57 | 23°27'26 | 9 ∡ 43 | 3°52 | 13°18 | 7°19 | 27°12 | 4°16 | 16°23 | 3°16 | 19°22 | 27°25 | 28°33 | 25°45 | 26°47 | F 16 |
| S 17 | 5 42 54 | 24°27'59 | 21°35 | 4°47 | 14°33 | 7°14 | 27° 4 | 4°23 | 16°21 | 3°18 | 19°23 | 27°12 | 28°30 | 25°52 | 26°47 | S 17 |
| S 18 | 5 46 50 | 25°28'34 | 3 ප 26 | 5°48 | 15°49 | 7° 8 | 26°55 | 4°30 | 16°18 | 3°20 | 19°24 | 27° 0 | 28°27 | 25°59 | 26°48 | S 18 |
| M19 | 5 50 47 | 26°29'10 | 15°17 | 6°54 | 17° 4 | 7° 1 | 26°47 | 4°37 | 16°16 | 3°22 | 19°25 | 26°50 | 28°24 | 26° 6 | 26°48 | M19 |
| T 20 | 5 54 43 | 27°29'47 | 27° 9 | 8° 3 | 18°19 | 6°53 | 26°39 | 4°44 | 16°14 | 3°25 | 19°26 | 26°43 | 28°21 | 26°12 | 26°49 | T 20 |
| W21 | 5 58 40 | 28°30'26 | 9≈ 6 | 9°16 | 19°35 | 6°44 | 26°31 | 4°51 | 16°11 | 3°27 | 19°27 | 26°39 | 28°18 | 26°19 | 26°50 | W21 |
| T 22 | 6 2 36 | 2 <u>9</u> °31'05 | 21°10 | 10°32 | 20°50 | 6°34 | 26°23 | 4°58 | 16° 9 | 3°29 | 19°28 | 26°D37 | 28°14 | 26°26 | 26°51 | T 22 |
| F 23 | 6 6 3 3 | 0 ට 31'46 | 3) 24 | 11°50 | 22° 5 | 6°24 | 26°14 | 5° 6 | 16° 6 | 3°31 | 19°29 | 26°37 | 28°11 | 26°32 | 26°51 | F 23 |
| S 24 | 6 10 30 | 1°32'27 | 15°53 | 13°11 | 23°21 | 6°13 | 26° 6 | 5°13 | 16° 4 | 3°34 | 19°30 | 26°38 | 28° 8 | 26°39 | 26°52 | S 24 |
| S 25 | 6 14 26 | 2°33'10 | 28°42 | 14°33 | 24°36 | 6° 0 | 25°58 | 5°20 | 16° 2 | 3°36 | 19°31 | 26°R39 | 28° 5 | 26°46 | 26°53 | S 25 |
| M26 | 6 18 23 | 3°33'53 | 11 Y 54 | 15°57 | 25°52 | 5°47 | 25°50 | 5°27 | 15°59 | 3°38 | 19°32 | 26°39 | 28° 2 | 26°53 | 26°54 | M26 |
| T 27 | 6 22 19 | 4°34'37 | 25°33 | 17°22 | 27° 7 | 5°34 | 25°42 | 5°34 | 15°57 | 3°40 | 19°33 | 26°37 | 27°58 | 26°59 | 26°55 | T 27 |
| W28 | 6 26 16 | 5°35'22 | 9 8 41 | 18°48 | 28°22 | 5°19 | 25°34 | 5°41 | 15°54 | 3°43 | 19°34 | 26°32 | 27°55 | 27° 6 | 26°57 | W28 |
| T 29 | 6 30 12 | 6°36'08 | 24°17 | 20°15 | 29°38 | 5° 4 | 25°26 | 5°48 | 15°52 | 3°45 | 19°35 | 26°26 | 27°52 | 27°13 | 26°58 | T 29 |
| F 30 | 6 34 9 | 7°36'55 | 9 Ⅱ 15 | 21°43 | 0 궁 53 | 4°48 | 25°19 | 5°56 | 15°49 | 3°47 | 19°36 | 26°19 | 27°49 | 27°19 | 26°59 | F 30 |
| S 31 | 6 38 6 | 8 궁 37'43 | 24∏29 | 23 × 12 | 2 る 9 | 4 Ω 31 | 25 Ⅱ 11 | 6 ප 3 | 159547 | 3 ⋜ 50 | 19 ≏ 36 | 26≈11 | 27≈46 | 27 ∡ 726 | 27 米 0 | S 31 |

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|------|---------|------------------|----------------|-----------------|---------------|---------------|----------------|---------------|--------|---------------|----------------|--------|-------|----------------|---------------|------|
| S 1 | 6 42 2 | 9 ට 38'32 | 99548 | 24 × 741 | 3 ට 24 | 4°R14 | 25°R 3 | 6 ට 10 | 15°R44 | 3 ප 52 | 19 ≏ 37 | 26°R 4 | 27≈43 | 27 × 33 | 27 米 2 | S 1 |
| M 2 | 6 45 59 | 10°39'21 | 25° 0 | 26°10 | 4°39 | 3 Ω 55 | 24 Ⅱ 55 | 6°17 | 159541 | 3°54 | 19°38 | 25≈59 | 27°39 | 27°39 | 27° 3 | M 2 |
| T 3 | 6 49 55 | 11°40'12 | 9 Ω 56 | 27°41 | 5°55 | 3°37 | 24°48 | 6°24 | 15°39 | 3°56 | 19°39 | 25°56 | 27°36 | 27°46 | 27° 5 | T 3 |
| W 4 | 6 53 52 | 12°41'04 | 24°29 | 29°11 | 7°10 | 3°17 | 24°41 | 6°31 | 15°36 | 3°59 | 19°39 | 25°D55 | 27°33 | 27°53 | 27° 6 | W 4 |
| T 5 | 6 57 48 | 13°41'56 | 8 m /34 | 0 궁 42 | 8°26 | 2°57 | 24°33 | 6°38 | 15°34 | 4° 1 | 19°40 | 25°55 | 27°30 | 28° 0 | 27° 8 | T 5 |
| F 6 | 7 1 45 | 14°42'50 | 22°10 | 2°13 | 9°41 | 2°37 | 24°26 | 6°45 | 15°31 | 4° 3 | 19°40 | 25°57 | 27°27 | 28° 6 | 27° 9 | F 6 |
| S 7 | 7 5 41 | 15°43'45 | 5 ₾ 20 | 3°45 | 10°57 | 2°15 | 24°19 | 6°52 | 15°29 | 4° 5 | 19°41 | 25°58 | 27°24 | 28°13 | 27°11 | S 7 |
| S 8 | 7 9 38 | 16°44'41 | 18° 6 | 5°16 | 12°12 | 1°54 | 24°12 | 7° 0 | 15°26 | 4° 7 | 19°41 | 25°R59 | 27°20 | 28°20 | 27°13 | S 8 |
| M 9 | 7 13 35 | 17°45'38 | 0 M .33 | 6°48 | 13°27 | 1°32 | 24° 5 | 7° 7 | 15°24 | 4°10 | 19°42 | 25°58 | 27°17 | 28°26 | 27°15 | M 9 |
| T 10 | 7 17 31 | 18°46'36 | 12°45 | 8°20 | 14°43 | 1°10 | 23°58 | 7°14 | 15°21 | 4°12 | 19°42 | 25°55 | 27°14 | 28°33 | 27°16 | T 10 |
| W11 | 7 21 28 | 19°47'34 | 24°46 | 9°52 | 15°58 | 0°47 | 23°52 | 7°21 | 15°19 | 4°14 | 19°43 | 25°50 | 27°11 | 28°40 | 27°18 | W11 |
| T 12 | 7 25 24 | 20°48'34 | 6 ₹ 41 | 11°25 | 17°14 | 0°24 | 23°45 | 7°28 | 15°16 | 4°16 | 19°43 | 25°45 | 27° 8 | 28°47 | 27°20 | T 12 |
| F 13 | 7 29 21 | 21°49'35 | 18°32 | 12°58 | 18°29 | 0° 1 | 23°39 | 7°35 | 15°13 | 4°18 | 19°43 | 25°38 | 27° 4 | 28°53 | 27°22 | F 13 |
| S 14 | 7 33 17 | 22°50'36 | 0 る 22 | 14°30 | 19°45 | 29937 | 23°32 | 7°42 | 15°11 | 4°21 | 19°44 | 25°32 | 27° 1 | 29° 0 | 27°24 | S 14 |
| S 15 | 7 37 14 | 23°51'38 | 12°14 | 16° 3 | 21° 0 | 29°14 | 23°26 | 7°49 | 15° 8 | 4°23 | 19°44 | 25°26 | 26°58 | 29° 7 | 27°26 | S 15 |
| M16 | 7 41 10 | 24°52'41 | 24° 9 | 17°37 | 22°16 | 28°50 | 23°20 | 7°56 | 15° 6 | 4°25 | 19°44 | 25°21 | 26°55 | 29°13 | 27°29 | M16 |
| T 17 | 7 45 7 | 25°53'44 | 6≈ 9 | 19°10 | 23°31 | 28°26 | 23°15 | 8° 3 | 15° 3 | 4°27 | 19°44 | 25°18 | 26°52 | 29°20 | 27°31 | T 17 |
| W18 | 7 49 4 | 26°54'47 | 18°16 | 20°44 | 24°47 | 28° 2 | 23° 9 | 8°10 | 15° 1 | 4°29 | 19°44 | 25°16 | 26°49 | 29°27 | 27°33 | W18 |
| T 19 | 7 53 0 | 27°55'51 | 0 ∺ 31 | 22°18 | 26° 2 | 27°39 | 23° 4 | 8°16 | 14°58 | 4°31 | 19°44 | 25°D16 | 26°45 | 29°33 | 27°35 | T 19 |
| F 20 | 7 56 57 | 28°56'54 | 12°56 | 23°52 | 27°18 | 27°15 | 22°58 | 8°23 | 14°56 | 4°33 | 19°45 | 25°17 | 26°42 | 29°40 | 27°38 | F 20 |
| S 21 | 8 0 53 | 29°57'58 | 25°34 | 25°26 | 28°33 | 26°52 | 22°53 | 8°30 | 14°54 | 4°35 | 19°45 | 25°19 | 26°39 | 29°47 | 27°40 | S 21 |
| S 22 | 8 4 50 | 0≈59'02 | 8 Y 28 | 27° 1 | 29°49 | 26°29 | 22°48 | 8°37 | 14°51 | 4°38 | 19°R45 | 25°20 | 26°36 | 29°54 | 27°42 | S 22 |
| M23 | 8 8 46 | 2° 0'06 | 21°40 | 28°36 | 1≈ 4 | 26° 6 | 22°44 | 8°44 | 14°49 | 4°40 | 19°45 | 25°21 | 26°33 | 0 중 0 | 27°45 | M23 |
| T 24 | 8 12 43 | 3° 1'10 | 5 8 13 | 0≈12 | 2°20 | 25°43 | 22°39 | 8°50 | 14°46 | 4°42 | 19°44 | 25°R22 | 26°30 | 0° 7 | 27°47 | T 24 |
| W25 | 8 16 39 | 4° 2'14 | 19° 9 | 1°47 | 3°35 | 25°21 | 22°35 | 8°57 | 14°44 | 4°44 | 19°44 | 25°21 | 26°26 | 0°14 | 27°50 | W25 |
| T 26 | 8 20 36 | 5° 3'18 | 3Ⅱ26 | 3°23 | 4°51 | 24°59 | 22°30 | 9° 4 | 14°42 | 4°46 | 19°44 | 25°19 | 26°23 | 0°20 | 27°52 | T 26 |
| F 27 | 8 24 33 | 6° 4'21 | 18° 3 | 5° 0 | 6° 6 | 24°38 | 22°26 | 9°10 | 14°39 | 4°48 | 19°44 | 25°17 | 26°20 | 0°27 | 27°55 | F 27 |
| S 28 | 8 28 29 | 7° 5'25 | 2955 | 6°36 | 7°22 | 24°17 | 22°23 | 9°17 | 14°37 | 4°50 | 19°44 | 25°15 | 26°17 | 0°34 | 27°58 | S 28 |
| S 29 | 8 32 26 | 8° 6'28 | 17°55 | 8°13 | 8°37 | 23°56 | 22°19 | 9°24 | 14°35 | 4°52 | 19°44 | 25°12 | 26°14 | 0°40 | 28° 0 | S 29 |
| M30 | 8 36 22 | 9° 7'31 | 2 Ω 54 | 9°51 | 9°53 | 23°37 | 22°15 | 9°30 | 14°32 | 4°54 | 19°43 | 25°11 | 26°10 | 0°47 | 28° 3 | M30 |
| T 31 | 8 40 19 | 10≈ 8'34 | 17 Ω 44 | 11 ≈ 29 | 11≈ 8 | 23917 | 22 Ⅱ 12 | 9 ප 37 | 14930 | 4 궁 56 | 19 ≏ 43 | 25≈10 | 26≈ 7 | 0 궁 54 | 28 ∺ 6 | T 31 |

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|------|----------|--------------------|-----------------|------------------|----------------|--------|----------------|----------------|--------|---------------|----------------|--------|-------|--------------|-----------------|------|
| W 1 | 8 44 15 | 11≈ 9'37 | 2 m) 17 | 13≈ 7 | 12≈24 | 22°R59 | 22°R 9 | 9 ප 43 | 14°R28 | 4 궁 57 | 19°R43 | 25°D10 | 26≈ 4 | 1ਰ 1 | 28 米 9 | W 1 |
| T 2 | 8 48 12 | 12°10'40 | 16°28 | 14°45 | 13°39 | 229541 | 22 II 6 | 9°50 | 149526 | 4°59 | 19 ≏ 42 | 25≈10 | 26° 1 | 1° 7 | 28°12 | T 2 |
| F 3 | 8 52 9 | 13°11'42 | 0 ჲ 12 | 16°24 | 14°55 | 22°23 | 22° 4 | 9°56 | 14°24 | 5° 1 | 19°42 | 25°11 | 25°58 | 1°14 | 28°15 | F 3 |
| S 4 | 8 56 5 | 14°12'45 | 13°31 | 18° 4 | 16°10 | 22° 6 | 22° 1 | 10° 2 | 14°21 | 5° 3 | 19°42 | 25°12 | 25°55 | 1°21 | 28°17 | S 4 |
| S 5 | 9 0 2 | 15°13'48 | 26°25 | 19°44 | 17°26 | 21°50 | 21°59 | 10° 9 | 14°19 | 5° 5 | 19°41 | 25°13 | 25°51 | 1°27 | 28°20 | S 5 |
| M 6 | 9 3 58 | 16°14'51 | 8 M .57 | 21°24 | 18°41 | 21°35 | 21°57 | 10°15 | 14°17 | 5° 7 | 19°41 | 25°14 | 25°48 | 1°34 | 28°23 | M 6 |
| T 7 | 9 7 5 5 | 17°15'54 | 21°12 | 23° 5 | 19°57 | 21°20 | 21°55 | 10°21 | 14°15 | 5° 9 | 19°40 | 25°R14 | 25°45 | 1°41 | 28°26 | T 7 |
| W 8 | 9 11 51 | 18°16'57 | 3 √ 15 | 24°46 | 21°12 | 21° 7 | 21°53 | 10°27 | 14°13 | 5°10 | 19°40 | 25°14 | 25°42 | 1°47 | 28°30 | W 8 |
| T 9 | 9 15 48 | 19°18'00 | 15° 9 | 26°27 | 22°28 | 20°54 | 21°52 | 10°33 | 14°11 | 5°12 | 19°39 | 25°13 | 25°39 | 1°54 | 28°33 | T 9 |
| F 10 | 9 19 44 | 20°19'03 | 26°59 | 28° 9 | 23°43 | 20°41 | 21°51 | 10°39 | 14° 9 | 5°14 | 19°38 | 25°12 | 25°36 | 2° 1 | 28°36 | F 10 |
| S 11 | 9 23 41 | 21°20'05 | 8 궁 49 | 29°51 | 24°58 | 20°30 | 21°50 | 10°45 | 14° 7 | 5°16 | 19°38 | 25°12 | 25°32 | 2° 7 | 28°39 | S 11 |
| S 12 | 9 27 38 | 22°21'08 | 20°43 | 1) 33 | 26°14 | 20°19 | 21°49 | 10°51 | 14° 6 | 5°17 | 19°37 | 25°11 | 25°29 | 2°14 | 28°42 | S 12 |
| M13 | 9 31 34 | 23°22'09 | 2≈44 | 3°16 | 27°29 | 20° 9 | 21°48 | 10°57 | 14° 4 | 5°19 | 19°36 | 25°11 | 25°26 | 2°21 | 28°45 | M13 |
| T 14 | 9 35 31 | 24°23'11 | 14°54 | 4°58 | 28°45 | 20° 0 | 21°48 | 11° 3 | 14° 2 | 5°21 | 19°36 | 25°11 | 25°23 | 2°28 | 28°49 | T 14 |
| W15 | 9 39 27 | 25°24'12 | 27°14 | 6°40 | 0 ∺ 0 | 19°52 | 21°D48 | 11° 9 | 14° 0 | 5°22 | 19°35 | 25°11 | 25°20 | 2°34 | 28°52 | W15 |
| T 16 | 9 43 24 | 26°25'12 | 9) (46 | 8°22 | 1°16 | 19°45 | 21°48 | 11°15 | 13°59 | 5°24 | 19°34 | 25°11 | 25°16 | 2°41 | 28°55 | T 16 |
| F 17 | 9 47 20 | 27°26'11 | 22°31 | 10° 4 | 2°31 | 19°38 | 21°48 | 11°20 | 13°57 | 5°25 | 19°33 | 25°11 | 25°13 | 2°48 | 28°59 | F 17 |
| S 18 | 9 51 17 | 28°27'10 | 5 ℃ 28 | 11°44 | 3°46 | 19°32 | 21°48 | 11°26 | 13°55 | 5°27 | 19°32 | 25°10 | 25°10 | 2°54 | 29° 2 | S 18 |
| S 19 | 9 55 13 | 29°28'07 | 18°40 | 13°24 | 5° 2 | 19°27 | 21°49 | 11°32 | 13°54 | 5°28 | 19°32 | 25°10 | 25° 7 | 3° 1 | 29° 5 | S 19 |
| M20 | 9 59 10 | 0 ∺ 29'04 | 2 8 5 | 15° 3 | 6°17 | 19°23 | 21°50 | 11°37 | 13°52 | 5°30 | 19°31 | 25° 9 | 25° 4 | 3° 8 | 29° 9 | M20 |
| T 21 | 10 3 7 | 1°30'00 | 15°44 | 16°41 | 7°33 | 19°20 | 21°51 | 11°43 | 13°51 | 5°31 | 19°30 | 25° 9 | 25° 1 | 3°14 | 29°12 | T 21 |
| W22 | 10 7 3 | 2°30'54 | 29°37 | 18°16 | 8°48 | 19°18 | 21°52 | 11°48 | 13°49 | 5°33 | 19°29 | 25°D 9 | 24°57 | 3°21 | 29°16 | W22 |
| T 23 | 10 11 0 | 3°31'48 | 13 Ⅱ 42 | 19°50 | 10° 3 | 19°16 | 21°54 | 11°53 | 13°48 | 5°34 | 19°28 | 25° 9 | 24°54 | 3°28 | 29°19 | T 23 |
| F 24 | 10 14 56 | 4°32'41 | 28° 0 | 21°20 | 11°19 | 19°15 | 21°55 | 11°58 | 13°46 | 5°36 | 19°27 | 25° 9 | 24°51 | 3°35 | 29°23 | F 24 |
| S 25 | 10 18 53 | 5°33'32 | 12526 | 22°47 | 12°34 | 19°D15 | 21°57 | 12° 4 | 13°45 | 5°37 | 19°26 | 25°10 | 24°48 | 3°41 | 29°26 | S 25 |
| S 26 | 10 22 49 | 6°34'22 | 26°57 | 24°10 | 13°49 | 19°15 | 21°59 | 12° 9 | 13°44 | 5°38 | 19°25 | 25°11 | 24°45 | 3°48 | 29°30 | S 26 |
| M27 | 10 26 46 | 7°35'11 | 11 Ω 29 | 25°29 | 15° 5 | 19°17 | 22° 1 | 12°14 | 13°43 | 5°40 | 19°23 | 25°12 | 24°42 | 3°55 | 29°33 | M27 |
| T 28 | 10 30 42 | 8°35'58 | 25°56 | 26°42 | 16°20 | 19°19 | 22° 4 | 12°19 | 13°41 | 5°41 | 19°22 | 25°R12 | 24°38 | 4° 1 | 29°37 | T 28 |
| W29 | 10 34 39 | 9) (36'44 | 10 m)13 | 27) (49 | 17) 35 | 199522 | 22 I 6 | 12 る 24 | 139540 | 5 る 42 | 19 ≏ 21 | 25≈12 | 24≈35 | 4 궁 8 | 29) (40 | W29 |

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| Day | Sid.t | 0 | D | ğ | · | ♂ | 4 | ħ |)∤(| ¥ | В | ß | Ω | ţ | ę, | Day |
|------|----------|-------------------|-----------------|------------------|----------------|--------|----------------|----------------|--------|---------------|----------------|--------|-------|---------------|------------------|------|
| T 1 | 10 38 36 | 10) 37'30 | 24 Mp 14 | 28 米 50 | 18 米 50 | 199525 | 22 II 9 | 12 る 29 | 13°R39 | 5 石 43 | 19°R20 | 25°R10 | 24≈32 | 4 궁 15 | 29) (44 | T 1 |
| F 2 | 10 42 32 | 11°38'14 | 7 ≙ 55 | 29°43 | 20° 6 | 19°29 | 22°12 | 12°33 | 13938 | 5°44 | 19 ≙ 19 | 25≈ 8 | 24°29 | 4°21 | 29°48 | F 2 |
| S 3 | 10 46 29 | 12°38'57 | 21°15 | 0 Υ 27 | 21°21 | 19°34 | 22°16 | 12°38 | 13°37 | 5°46 | 19°18 | 25° 6 | 24°26 | 4°28 | 29°51 | S 3 |
| S 4 | 10 50 25 | 13°39'40 | 4 M .13 | 1° 2 | 22°36 | 19°40 | 22°19 | 12°43 | 13°36 | 5°47 | 19°16 | 25° 3 | 24°22 | 4°35 | 29°55 | S 4 |
| M 5 | 10 54 22 | 14°40'21 | 16°50 | 1°28 | 23°51 | 19°46 | 22°23 | 12°47 | 13°35 | 5°48 | 19°15 | 25° 1 | 24°19 | 4°41 | 29°59 | M 5 |
| T 6 | 10 58 18 | 15°41'02 | 29° 9 | 1°43 | 25° 6 | 19°53 | 22°26 | 12°52 | 13°35 | 5°49 | 19°14 | 24°59 | 24°16 | 4°48 | oΥ 2 | T 6 |
| W 7 | 11 2 15 | 16°41'41 | 11 才 14 | 1°R48 | 26°22 | 20° 0 | 22°30 | 12°56 | 13°34 | 5°50 | 19°13 | 24°58 | 24°13 | 4°55 | 0° 6 | W 7 |
| T 8 | 11 611 | 17°42'20 | 23° 9 | 1°43 | 27°37 | 20° 8 | 22°35 | 13° 0 | 13°33 | 5°51 | 19°11 | 24°D58 | 24°10 | 5° 1 | 0°10 | T 8 |
| F 9 | 11 10 8 | 18°42'57 | 5号 0 | 1°27 | 28°52 | 20°17 | 22°39 | 13° 5 | 13°32 | 5°52 | 19°10 | 24°59 | 24° 7 | 5° 8 | 0°13 | F 9 |
| S 10 | 11 14 5 | 19°43'34 | 16°51 | 1° 0 | 0 ℃ 7 | 20°27 | 22°43 | 13° 9 | 13°32 | 5°53 | 19° 9 | 25° 0 | 24° 3 | 5°15 | 0°17 | S 10 |
| S 11 | 11 18 1 | 20°44'09 | 28°46 | 0°24 | 1°22 | 20°37 | 22°48 | 13°13 | 13°31 | 5°54 | 19° 7 | 25° 2 | 24° 0 | 5°22 | 0°21 | S 11 |
| M12 | 11 21 58 | 21°44'43 | 10≈51 | 29) (40 | 2°37 | 20°47 | 22°53 | 13°17 | 13°31 | 5°55 | 19° 6 | 25° 4 | 23°57 | 5°28 | 0°25 | M12 |
| T 13 | 11 25 54 | 22°45'16 | 23° 9 | 28°47 | 3°52 | 20°58 | 22°58 | 13°21 | 13°30 | 5°55 | 19° 4 | 25°R 4 | 23°54 | 5°35 | 0°28 | T 13 |
| W14 | 11 29 51 | 23°45'48 | 5) (42 | 27°49 | 5° 7 | 21°10 | 23° 3 | 13°25 | 13°30 | 5°56 | 19° 3 | 25° 4 | 23°51 | 5°42 | 0°32 | W14 |
| T 15 | 11 33 47 | 24°46'18 | 18°32 | 26°47 | 6°22 | 21°22 | 23° 9 | 13°28 | 13°29 | 5°57 | 19° 1 | 25° 2 | 23°47 | 5°48 | 0°36 | T 15 |
| F 16 | 11 37 44 | 25°46'46 | 1 Y 39 | 25°41 | 7°37 | 21°35 | 23°14 | 13°32 | 13°29 | 5°58 | 19° 0 | 24°58 | 23°44 | 5°55 | 0°40 | F 16 |
| S 17 | 11 41 40 | 26°47'14 | 15° 2 | 24°35 | 8°52 | 21°48 | 23°20 | 13°36 | 13°29 | 5°58 | 18°59 | 24°54 | 23°41 | 6° 2 | 0°43 | S 17 |
| S 18 | 11 45 37 | 27°47'39 | 28°40 | 23°29 | 10° 7 | 22° 2 | 23°26 | 13°39 | 13°29 | 5°59 | 18°57 | 24°48 | 23°38 | 6° 8 | 0°47 | S 18 |
| M19 | 11 49 33 | 28°48'03 | 12 8 30 | 22°25 | 11°22 | 22°16 | 23°32 | 13°43 | 13°28 | 6° 0 | 18°56 | 24°43 | 23°35 | 6°15 | 0°51 | M19 |
| T 20 | 11 53 30 | 29°48'25 | 26°28 | 21°25 | 12°37 | 22°31 | 23°38 | 13°46 | 13°28 | 6° 0 | 18°54 | 24°38 | 23°32 | 6°22 | 0°55 | T 20 |
| W21 | 11 57 27 | 0 Ƴ 48'46 | 10∏32 | 20°29 | 13°52 | 22°46 | 23°45 | 13°49 | 13°D28 | 6° 1 | 18°53 | 24°35 | 23°28 | 6°28 | 0°59 | W21 |
| T 22 | 12 1 23 | 1°49'05 | 24°40 | 19°39 | 15° 7 | 23° 2 | 23°51 | 13°52 | 13°28 | 6° 2 | 18°51 | 24°33 | 23°25 | 6°35 | 1° 2 | T 22 |
| F 23 | 12 5 20 | 2°49'21 | 8 9 49 | 18°55 | 16°22 | 23°18 | 23°58 | 13°55 | 13°28 | 6° 2 | 18°49 | 24°D33 | 23°22 | 6°42 | 1° 6 | F 23 |
| S 24 | 12 9 16 | 3°49'36 | 22°58 | 18°18 | 17°37 | 23°35 | 24° 5 | 13°58 | 13°28 | 6° 3 | 18°48 | 24°34 | 23°19 | 6°48 | 1°10 | S 24 |
| S 25 | 12 13 13 | 4°49'49 | 7 Ω 5 | 17°48 | 18°51 | 23°52 | 24°12 | 14° 1 | 13°29 | 6° 3 | 18°46 | 24°36 | 23°16 | 6°55 | 1°14 | S 25 |
| M26 | 12 17 9 | 5°49'59 | 21° 9 | 17°25 | 20° 6 | 24°10 | 24°19 | 14° 4 | 13°29 | 6° 3 | 18°45 | 24°R37 | 23°13 | 7° 2 | 1°17 | M26 |
| T 27 | 12 21 6 | 6°50'08 | 5 m) 7 | 17° 8 | 21°21 | 24°28 | 24°27 | 14° 7 | 13°29 | 6° 4 | 18°43 | 24°36 | 23° 9 | 7° 9 | 1°21 | T 27 |
| W28 | 12 25 2 | 7°50'15 | 18°57 | 16°59 | 22°36 | 24°46 | 24°34 | 14° 9 | 13°29 | 6° 4 | 18°42 | 24°34 | 23° 6 | 7°15 | 1°25 | W28 |
| T 29 | 12 28 59 | 8°50'20 | 2 ₽ 36 | 16°D56 | 23°50 | 25° 5 | 24°42 | 14°12 | 13°30 | 6° 4 | 18°40 | 24°29 | 23° 3 | 7°22 | 1°29 | T 29 |
| F 30 | 12 32 56 | 9°50'23 | 16° 1 | 17° 0 | 25° 5 | 25°24 | 24°50 | 14°14 | 13°30 | 6° 5 | 18°38 | 24°23 | 23° 0 | 7°29 | 1°32 | F 30 |
| S 31 | 12 36 52 | 10 Y 50'24 | 29 ₽ 10 | 17 ∺ 10 | 26 Y 20 | 259543 | 24耳58 | 14 ට 16 | 13931 | 6 ප 5 | 18 ≏ 37 | 24≈14 | 22≈57 | 7 る 35 | 1 Y 36 | S 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|---------------|-----------------|----------------|--------|---------------|----------------|--------|-------|----------------|---------------|------|
| S 1 | 12 40 49 | 11 Y 50'24 | 12 M 2 | 17) 25 | 27 Y 34 | 269 3 | 25 I I 6 | 14 궁 19 | 13931 | 6 පි | 18°R35 | 24°R 6 | 22≈53 | 7 云 42 | 1 Υ 40 | S 1 |
| M 2 | 12 44 45 | 12°50'22 | 24°37 | 17°46 | 28°49 | 26°23 | 25°14 | 14°21 | 13°32 | 6° 5 | 18 ≏ 33 | 23≈57 | 22°50 | 7°49 | 1°44 | M 2 |
| T 3 | 12 48 42 | 13°50'19 | 6 ₮ 56 | 18°12 | 0 8 3 | 26°44 | 25°22 | 14°23 | 13°33 | 6° 5 | 18°32 | 23°50 | 22°47 | 7°55 | 1°47 | T 3 |
| W 4 | 12 52 38 | 14°50'14 | 19° 2 | 18°43 | 1°18 | 27° 5 | 25°31 | 14°25 | 13°33 | 6° 6 | 18°30 | 23°44 | 22°44 | 8° 2 | 1°51 | W 4 |
| T 5 | 12 56 35 | 15°50'08 | 0 궁 58 | 19°18 | 2°32 | 27°26 | 25°39 | 14°27 | 13°34 | 6° 6 | 18°29 | 23°41 | 22°41 | 8° 9 | 1°55 | T 5 |
| F 6 | 13 0 31 | 16°49'59 | 12°48 | 19°57 | 3°47 | 27°47 | 25°48 | 14°28 | 13°35 | 6° 6 | 18°27 | 23°D39 | 22°38 | 8°15 | 1°58 | F 6 |
| S 7 | 13 4 28 | 17°49'50 | 24°39 | 20°40 | 5° 1 | 28° 9 | 25°57 | 14°30 | 13°36 | 6°R 6 | 18°25 | 23°40 | 22°34 | 8°22 | 2° 2 | S 7 |
| S 8 | 13 8 25 | 18°49'38 | 6≈34 | 21°27 | 6°16 | 28°31 | 26° 6 | 14°31 | 13°37 | 6° 6 | 18°24 | 23°41 | 22°31 | 8°29 | 2° 6 | S 8 |
| M 9 | 13 12 21 | 19°49'25 | 18°40 | 22°17 | 7°30 | 28°54 | 26°15 | 14°33 | 13°37 | 6° 6 | 18°22 | 23°R41 | 22°28 | 8°35 | 2° 9 | M 9 |
| T 10 | 13 16 18 | 20°49'11 | 1) 1 | 23°11 | 8°44 | 29°17 | 26°24 | 14°34 | 13°38 | 6° 5 | 18°20 | 23°41 | 22°25 | 8°42 | 2°13 | T 10 |
| W11 | 13 20 14 | 21°48'54 | 13°42 | 24° 7 | 9°59 | 29°40 | 26°34 | 14°35 | 13°40 | 6° 5 | 18°19 | 23°39 | 22°22 | 8°49 | 2°17 | W11 |
| T 12 | 13 24 11 | 22°48'36 | 26°44 | 25° 6 | 11°13 | 0 Ω 3 | 26°43 | 14°37 | 13°41 | 6° 5 | 18°17 | 23°35 | 22°19 | 8°55 | 2°20 | T 12 |
| F 13 | 13 28 7 | 23°48'16 | 10 Υ 9 | 26° 8 | 12°27 | 0°27 | 26°53 | 14°38 | 13°42 | 6° 5 | 18°15 | 23°28 | 22°15 | 9° 2 | 2°24 | F 13 |
| S 14 | 13 32 4 | 24°47'54 | 23°55 | 27°13 | 13°41 | 0°51 | 27° 3 | 14°39 | 13°43 | 6° 5 | 18°14 | 23°19 | 22°12 | 9° 9 | 2°27 | S 14 |
| S 15 | 13 36 0 | 25°47'31 | 8 8 0 | 28°20 | 14°56 | 1°15 | 27°13 | 14°39 | 13°44 | 6° 4 | 18°12 | 23° 9 | 22° 9 | 9°16 | 2°31 | S 15 |
| M16 | 13 39 57 | 26°47'05 | 22°19 | 29°29 | 16°10 | 1°39 | 27°23 | 14°40 | 13°46 | 6° 4 | 18°11 | 22°58 | 22° 6 | 9°22 | 2°34 | M16 |
| T 17 | 13 43 53 | 27°46'38 | 6∏44 | 0 Υ 40 | 17°24 | 2° 4 | 27°33 | 14°41 | 13°47 | 6° 4 | 18° 9 | 22°49 | 22° 3 | 9°29 | 2°38 | T 17 |
| W18 | 13 47 50 | 28°46'08 | 21°11 | 1°53 | 18°38 | 2°29 | 27°43 | 14°41 | 13°48 | 6° 4 | 18° 7 | 22°42 | 21°59 | 9°36 | 2°41 | W18 |
| T 19 | 13 51 47 | 29°45'36 | 5933 | 3° 9 | 19°52 | 2°54 | 27°53 | 14°42 | 13°50 | 6° 3 | 18° 6 | 22°37 | 21°56 | 9°42 | 2°45 | T 19 |
| F 20 | 13 55 43 | 0845'02 | 19°49 | 4°26 | 21° 6 | 3°19 | 28° 3 | 14°42 | 13°51 | 6° 3 | 18° 4 | 22°35 | 21°53 | 9°49 | 2°48 | F 20 |
| S 21 | 13 59 40 | 1°44'26 | 3 Ω 54 | 5°45 | 22°20 | 3°45 | 28°14 | 14°42 | 13°53 | 6° 2 | 18° 3 | 22°D35 | 21°50 | 9°56 | 2°52 | S 21 |
| S 22 | 14 3 36 | 2°43'47 | 17°49 | 7° 6 | 23°34 | 4°11 | 28°25 | 14°42 | 13°55 | 6° 2 | 18° 1 | 22°R35 | 21°47 | 10° 2 | 2°55 | S 22 |
| M23 | 14 7 33 | 3°43'06 | 1 m 34 | 8°28 | 24°48 | 4°37 | 28°35 | 14°R42 | 13°56 | 6° 1 | 17°59 | 22°35 | 21°44 | 10° 9 | 2°59 | M23 |
| T 24 | 14 11 29 | 4°42'22 | 15° 9 | 9°53 | 26° 2 | 5° 3 | 28°46 | 14°42 | 13°58 | 6° 1 | 17°58 | 22°33 | 21°40 | 10°16 | 3° 2 | T 24 |
| W25 | 14 15 26 | 5°41'37 | 28°33 | 11°19 | 27°16 | 5°30 | 28°57 | 14°42 | 14° 0 | 6° 0 | 17°56 | 22°28 | 21°37 | 10°22 | 3° 5 | W25 |
| T 26 | 14 19 22 | 6°40'49 | 11 ≏ 48 | 12°46 | 28°29 | 5°56 | 29° 8 | 14°42 | 14° 1 | 6° 0 | 17°55 | 22°21 | 21°34 | 10°29 | 3° 8 | T 26 |
| F 27 | 14 23 19 | 7°40'00 | 24°51 | 14°15 | 29°43 | 6°23 | 29°19 | 14°42 | 14° 3 | 5°59 | 17°53 | 22°11 | 21°31 | 10°36 | 3°12 | F 27 |
| S 28 | 14 27 16 | 8°39'08 | 7 M 42 | 15°46 | 0 Ⅱ 57 | 6°50 | 29°30 | 14°41 | 14° 5 | 5°58 | 17°52 | 21°59 | 21°28 | 10°42 | 3°15 | S 28 |
| S 29 | 14 31 12 | 9°38'14 | 20°21 | 17°18 | 2°11 | 7°18 | 29°41 | 14°40 | 14° 7 | 5°58 | 17°50 | 21°45 | 21°25 | 10°49 | 3°18 | S 29 |
| M30 | 14 35 9 | 10 8 37'19 | 2 , 7⁴46 | 18 Y 52 | 3 Ⅱ 24 | 7 Ω 45 | 29 Ⅱ 53 | 14 궁 40 | 1495 9 | 5 궁 57 | 17 ≏ 49 | 21≈32 | 21≈21 | 10 궁 56 | 3 Υ 21 | M30 |

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| T 1 | 14 39 5 | 11836'21 | 14 ×7 59 | 20 Y 27 | 4 Ⅱ 38 | 8 Q 13 | 09 4 | 14°R39 | 149911 | 5°R56 | 17°R47 | 21°R21 | 21≈18 | 11る 2 | 3 Υ 25 | T 1 |
| W 2 | 14 43 2 | 12°35'22 | 27° 1 | 22° 4 | 5°51 | 8°40 | 0°16 | 14 る 38 | 14°13 | 5 궁 55 | 17 ≏ 46 | 21≈11 | 21°15 | 11° 9 | 3°28 | W 2 |
| T 3 | 14 46 58 | 13°34'22 | 8 궁 55 | 23°43 | 7° 5 | 9° 8 | 0°27 | 14°37 | 14°15 | 5°54 | 17°44 | 21° 4 | 21°12 | 11°16 | 3°31 | T 3 |
| F 4 | 14 50 55 | 14°33'19 | 20°45 | 25°23 | 8°18 | 9°36 | 0°39 | 14°36 | 14°17 | 5°54 | 17°43 | 21° 0 | 21° 9 | 11°22 | 3°34 | F 4 |
| S 5 | 14 54 52 | 15°32'15 | 2≈34 | 27° 4 | 9°32 | 10° 5 | 0°51 | 14°35 | 14°19 | 5°53 | 17°42 | 20°58 | 21° 5 | 11°29 | 3°37 | S 5 |
| S 6 | 14 58 48 | 16°31'09 | 14°28 | 28°47 | 10°45 | 10°33 | 1° 3 | 14°34 | 14°22 | 5°52 | 17°40 | 20°57 | 21° 2 | 11°36 | 3°40 | S 6 |
| M 7 | 15 2 45 | 17°30'01 | 26°33 | 0 8 32 | 11°59 | 11° 2 | 1°14 | 14°32 | 14°24 | 5°51 | 17°39 | 20°57 | 20°59 | 11°42 | 3°43 | M 7 |
| T 8 | 15 641 | 18°28'52 | 8 ¥ 53 | 2°18 | 13°12 | 11°31 | 1°26 | 14°31 | 14°26 | 5°50 | 17°37 | 20°57 | 20°56 | 11°49 | 3°46 | T 8 |
| W 9 | 15 10 38 | 19°27'41 | 21°34 | 4° 6 | 14°25 | 12° 0 | 1°38 | 14°29 | 14°29 | 5°49 | 17°36 | 20°54 | 20°53 | 11°56 | 3°49 | W 9 |
| T 10 | 15 14 34 | 20°26'28 | 4 Υ 4 0 | 5°55 | 15°38 | 12°29 | 1°51 | 14°28 | 14°31 | 5°48 | 17°35 | 20°49 | 20°50 | 12° 2 | 3°51 | T 10 |
| F 11 | 15 18 31 | 21°25'14 | 18°13 | 7°46 | 16°52 | 12°58 | 2° 3 | 14°26 | 14°33 | 5°47 | 17°33 | 20°42 | 20°46 | 12° 9 | 3°54 | F 11 |
| S 12 | 15 22 27 | 22°23'58 | 2813 | 9°38 | 18° 5 | 13°27 | 2°15 | 14°24 | 14°36 | 5°46 | 17°32 | 20°32 | 20°43 | 12°16 | 3°57 | S 12 |
| S 13 | 15 26 24 | 23°22'40 | 16°37 | 11°32 | 19°18 | 13°57 | 2°27 | 14°22 | 14°38 | 5°45 | 17°31 | 20°20 | 20°40 | 12°22 | 4° 0 | S 13 |
| M14 | 15 30 20 | 24°21'20 | 1 I I18 | 13°28 | 20°31 | 14°27 | 2°40 | 14°20 | 14°41 | 5°44 | 17°30 | 20° 8 | 20°37 | 12°29 | 4° 2 | M14 |
| T 15 | 15 34 17 | 25°19'59 | 16° 9 | 15°25 | 21°44 | 14°56 | 2°52 | 14°18 | 14°43 | 5°43 | 17°28 | 19°58 | 20°34 | 12°36 | 4° 5 | T 15 |
| W16 | 15 38 14 | 26°18'36 | 199 1 | 17°24 | 22°57 | 15°26 | 3° 5 | 14°16 | 14°46 | 5°42 | 17°27 | 19°49 | 20°31 | 12°43 | 4° 8 | Wl6 |
| T 17 | 15 42 10 | 27°17'11 | 15°45 | 19°24 | 24°10 | 15°56 | 3°17 | 14°14 | 14°49 | 5°40 | 17°26 | 19°44 | 20°27 | 12°49 | 4°10 | T 17 |
| F 18 | 15 46 7 | 28°15'43 | 0Ω17 | 21°26 | 25°23 | 16°27 | 3°30 | 14°12 | 14°51 | 5°39 | 17°25 | 19°40 | 20°24 | 12°56 | 4°13 | F 18 |
| S 19 | 15 50 3 | 29°14'14 | 14°32 | 23°30 | 26°36 | 16°57 | 3°43 | 14° 9 | 14°54 | 5°38 | 17°24 | 19°D40 | 20°21 | 13° 3 | 4°15 | S 19 |
| S 20 | 15 54 0 | 0 Ⅲ 12'42 | 28°28 | 25°34 | 27°49 | 17°27 | 3°55 | 14° 7 | 14°57 | 5°37 | 17°23 | 19°R40 | 20°18 | 13° 9 | 4°18 | S 20 |
| M21 | 15 57 56 | 1°11'08 | 12 m 7 | 27°40 | 29° 1 | 17°58 | 4° 8 | 14° 4 | 15° 0 | 5°36 | 17°22 | 19°39 | 20°15 | 13°16 | 4°20 | M21 |
| T 22 | 16 1 53 | 2° 9'32 | 25°30 | 29°47 | 09514 | 18°29 | 4°21 | 14° 1 | 15° 2 | 5°34 | 17°21 | 19°37 | 20°11 | 13°23 | 4°23 | T 22 |
| W23 | 16 5 50 | 3° 7'54 | 8 ₾ 38 | 1 Ⅱ 55 | 1°27 | 19° 0 | 4°34 | 13°59 | 15° 5 | 5°33 | 17°20 | 19°33 | 20° 8 | 13°29 | 4°25 | W23 |
| T 24 | 16 9 46 | 4° 6'14 | 21°33 | 4° 4 | 2°39 | 19°30 | 4°47 | 13°56 | 15° 8 | 5°32 | 17°18 | 19°26 | 20° 5 | 13°36 | 4°27 | T 24 |
| F 25 | 16 13 43 | 5° 4'32 | 4M16 | 6°13 | 3°52 | 20° 1 | 5° 0 | 13°53 | 15°11 | 5°30 | 17°18 | 19°16 | 20° 2 | 13°43 | 4°29 | F 25 |
| S 26 | 16 17 39 | 6° 2'49 | 16°49 | 8°23 | 5° 4 | 20°33 | 5°13 | 13°50 | 15°14 | 5°29 | 17°17 | 19° 5 | 19°59 | 13°49 | 4°32 | S 26 |
| S 27 | 16 21 36 | 7° 1'04 | 29°11 | 10°33 | 6°17 | 21° 4 | 5°26 | 13°47 | 15°17 | 5°28 | 17°16 | 18°52 | 19°56 | 13°56 | 4°34 | S 27 |
| M28 | 16 25 32 | 7°59'17 | 11 × 24 | 12°43 | 7°29 | 21°35 | 5°39 | 13°44 | 15°20 | 5°26 | 17°15 | 18°40 | 19°52 | 14° 3 | 4°36 | M28 |
| T 29 | 16 29 29 | 8°57'28 | 23°28 | 14°53 | 8°42 | 22° 7 | 5°52 | 13°41 | 15°23 | 5°25 | 17°14 | 18°28 | 19°49 | 14° 9 | 4°38 | T 29 |
| W30 | 16 33 25 | 9°55'38 | 5 조 25 | 17° 1 | 9°54 | 22°38 | 6° 6 | 13°37 | 15°26 | 5°23 | 17°13 | 18°19 | 19°46 | 14°16 | 4°40 | W30 |
| T 31 | 16 37 22 | 10耳53'46 | 17 る 15 | 19耳 9 | 1195 6 | 23 Ω 10 | 6 9 319 | 13 る 34 | 159529 | 5 3 22 | 17 ≏ 12 | 18 ≈ 12 | 19 ≈ 43 | 14る23 | 4 Υ42 | T 31 |

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|------|----------|--------------------|----------------|-----------------|----------------|----------------|--------|----------------|--------|---------------|----------------|---------------|---------------|----------------|---------------|------|
| F 1 | 16 41 19 | 11 II 51'53 | 29중 3 | 21 I I16 | 129518 | 23 Ω 42 | 6932 | 13°R31 | 15932 | 5°R21 | 17°R11 | 18°R 8 | 19≈40 | 14る29 | 4 Υ 44 | F 1 |
| S 2 | 16 45 15 | 12°49'58 | 10≈52 | 23°21 | 13°30 | 24°13 | 6°45 | 13 る 27 | 15°35 | 5 る 19 | 17 ⊆ 11 | 18 ≈ 6 | 19°37 | 14°36 | 4°46 | S 2 |
| S 3 | 16 49 12 | 13°48'02 | 22°46 | 25°24 | 14°42 | 24°45 | 6°59 | 13°24 | 15°38 | 5°18 | 17°10 | 18°D 6 | 19°33 | 14°43 | 4°48 | S 3 |
| M 4 | 16 53 8 | 14°46'05 | 4) 49 | 27°25 | 15°54 | 25°17 | 7°12 | 13°20 | 15°41 | 5°16 | 17° 9 | 18° 6 | 19°30 | 14°49 | 4°49 | M 4 |
| T 5 | 16 57 5 | 15°44'06 | 17° 8 | 29°24 | 17° 6 | 25°50 | 7°26 | 13°16 | 15°45 | 5°15 | 17° 8 | 18°R 7 | 19°27 | 14°56 | 4°51 | T 5 |
| W 6 | 17 1 1 | 16°42'07 | 29°47 | 19520 | 18°18 | 26°22 | 7°39 | 13°13 | 15°48 | 5°13 | 17° 8 | 18° 6 | 19°24 | 15° 3 | 4°53 | W 6 |
| T 7 | 17 4 58 | 17°40'06 | 12 Y 51 | 3°14 | 19°30 | 26°54 | 7°53 | 13° 9 | 15°51 | 5°12 | 17° 7 | 18° 3 | 19°21 | 15° 9 | 4°54 | T 7 |
| F 8 | 17 8 54 | 18°38'03 | 26°23 | 5° 5 | 20°42 | 27°26 | 8° 6 | 13° 5 | 15°54 | 5°10 | 17° 7 | 17°58 | 19°17 | 15°16 | 4°56 | F 8 |
| S 9 | 17 12 51 | 19°36'00 | 10823 | 6°53 | 21°54 | 27°59 | 8°20 | 13° 1 | 15°57 | 5° 9 | 17° 6 | 17°51 | 19°14 | 15°23 | 4°58 | S 9 |
| S 10 | 17 16 48 | 20°33'55 | 24°52 | 8°37 | 23° 5 | 28°32 | 8°33 | 12°57 | 16° 1 | 5° 7 | 17° 5 | 17°43 | 19°11 | 15°29 | 4°59 | S 10 |
| M11 | 17 20 44 | 21°31'50 | 9∏42 | 10°19 | 24°17 | 29° 4 | 8°47 | 12°53 | 16° 4 | 5° 5 | 17° 5 | 17°34 | 19° 8 | 15°36 | 5° 1 | M11 |
| T 12 | 17 24 41 | 22°29'43 | 24°47 | 11°58 | 25°29 | 29°37 | 9° 1 | 12°49 | 16° 7 | 5° 4 | 17° 4 | 17°26 | 19° 5 | 15°43 | 5° 2 | T 12 |
| W13 | 17 28 37 | 23°27'35 | 9957 | 13°33 | 26°40 | 0 Mp 10 | 9°14 | 12°45 | 16°11 | 5° 2 | 17° 4 | 17°20 | 19° 2 | 15°49 | 5° 3 | W13 |
| T 14 | 17 32 34 | 24°25'25 | 25° 1 | 15° 6 | 27°52 | 0°43 | 9°28 | 12°41 | 16°14 | 5° 1 | 17° 4 | 17°16 | 18°58 | 15°56 | 5° 5 | T 14 |
| F 15 | 17 36 30 | 25°23'13 | 9 Ω 51 | 16°35 | 29° 3 | 1°16 | 9°42 | 12°37 | 16°18 | 4°59 | 17° 3 | 17°14 | 18°55 | 16° 3 | 5° 6 | F 15 |
| S 16 | 17 40 27 | 26°21'01 | 24°21 | 18° 0 | 0Ω14 | 1°49 | 9°56 | 12°33 | 16°21 | 4°58 | 17° 3 | 17°D14 | 18°52 | 16° 9 | 5° 7 | S 16 |
| S 17 | 17 44 24 | 27°18'46 | 8 m 28 | 19°22 | 1°26 | 2°22 | 10° 9 | 12°29 | 16°24 | 4°56 | 17° 3 | 17°15 | 18°49 | 16°16 | 5° 8 | S 17 |
| M18 | 17 48 20 | 28°16'30 | 22°12 | 20°41 | 2°37 | 2°55 | 10°23 | 12°24 | 16°28 | 4°54 | 17° 2 | 17°R16 | 18°46 | 16°23 | 5° 9 | M18 |
| T 19 | 17 52 17 | 29°14'12 | 5 ≏ 34 | 21°56 | 3°48 | 3°28 | 10°37 | 12°20 | 16°31 | 4°53 | 17° 2 | 17°16 | 18°43 | 16°29 | 5°10 | T 19 |
| W20 | 17 56 13 | 0911'53 | 18°36 | 23° 7 | 4°59 | 4° 2 | 10°51 | 12°16 | 16°35 | 4°51 | 17° 2 | 17°14 | 18°39 | 16°36 | 5°11 | W20 |
| T 21 | 18 0 10 | 1° 9'33 | 1 m 21 | 24°15 | 6°10 | 4°35 | 11° 5 | 12°12 | 16°38 | 4°49 | 17° 2 | 17°10 | 18°36 | 16°43 | 5°12 | T 21 |
| F 22 | 18 4 6 | 2° 7'11 | 13°52 | 25°20 | 7°21 | 5° 9 | 11°18 | 12° 7 | 16°42 | 4°48 | 17° 1 | 17° 5 | 18°33 | 16°49 | 5°13 | F 22 |
| S 23 | 18 8 3 | 3° 4'48 | 26°11 | 26°20 | 8°32 | 5°42 | 11°32 | 12° 3 | 16°45 | 4°46 | 17° 1 | 16°58 | 18°30 | 16°56 | 5°14 | S 23 |
| S 24 | 18 11 59 | 4° 2'24 | 8 ₹ 20 | 27°17 | 9°42 | 6°16 | 11°46 | 11°59 | 16°48 | 4°45 | 17° 1 | 16°50 | 18°27 | 17° 3 | 5°14 | S 24 |
| M25 | 18 15 56 | 4°59'59 | 2 <u>0</u> °22 | 28°10 | 10°53 | 6°50 | 12° 0 | 11°54 | 16°52 | 4°43 | 17° 1 | 16°42 | 18°23 | 17° 9 | 5°15 | M25 |
| T 26 | 18 19 53 | 5°57'32 | 2 ਰ 17 | 28°59 | 12° 3 | 7°24 | 12°14 | 11°50 | 16°56 | 4°41 | 17°D 1 | 16°35 | 18°20 | 17°16 | 5°16 | T 26 |
| W27 | 18 23 49 | 6°55'05 | 14° 8 | 29°44 | 13°14 | 7°57 | 12°28 | 11°45 | 16°59 | 4°40 | 17° 1 | 16°30 | 18°17 | 17°23 | 5°16 | W27 |
| T 28 | 18 27 46 | 7°52'36 | 25°57 | 0 Ω 25 | 14°24 | 8°31 | 12°42 | 11°41 | 17° 3 | 4°38 | 17° 1 | 16°26 | 18°14 | 17°29 | 5°17 | T 28 |
| F 29 | 18 31 42 | 8°50'07 | 7 ≈ 46 | 1° 1 | 15°35 | 9° 5 | 12°56 | 11°36 | 17° 6 | 4°37 | 17° 1 | 16°24 | 18°11 | 17°36 | 5°17 | F 29 |
| S 30 | 18 35 39 | 99647'37 | 19 ≈ 37 | 1 Ω 34 | 16 Ω 45 | 9 m 39 | 1395 9 | 11 る 32 | 179510 | 4 궁 35 | 17 ≗ 1 | 16°D23 | 18 ≈ 8 | 17 る 43 | 5 Υ 18 | S 30 |

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| S 1 | 18 39 35 | 109545'06 | 1) €33 | 2 N 1 | 17 Ω 55 | 10 m 13 | 139523 | 11°R27 | 179513 | 4°R33 | 17 ♀ 1 | 16≈24 | 18 ≈ 4 | 17 石 49 | 5 Υ 18 | S 1 |
| M 2 | 18 43 32 | 11°42'34 | 13°40 | 2°25 | 19° 5 | 10°48 | 13°37 | 11 る 23 | 17°17 | 4 궁 32 | 17° 2 | 16°26 | 18° 1 | 17°56 | 5°19 | M 2 |
| T 3 | 18 47 28 | 12°40'02 | 26° 0 | 2°44 | 20°15 | 11°22 | 13°51 | 11°19 | 17°20 | 4°30 | 17° 2 | 16°27 | 17°58 | 18° 3 | 5°19 | T 3 |
| W 4 | 18 51 25 | 13°37'29 | 8 Υ 38 | 2°58 | 21°25 | 11°56 | 14° 5 | 11°14 | 17°24 | 4°28 | 17° 2 | 16°R28 | 17°55 | 18° 9 | 5°19 | W 4 |
| T 5 | 18 55 22 | 14°34'56 | 21°39 | 3° 8 | 22°35 | 12°30 | 14°19 | 11°10 | 17°27 | 4°27 | 17° 2 | 16°28 | 17°52 | 18°16 | 5°19 | T 5 |
| F 6 | 18 59 18 | 15°32'22 | 5 8 5 | 3°14 | 23°45 | 13° 5 | 14°33 | 11° 5 | 17°31 | 4°25 | 17° 3 | 16°27 | 17°49 | 18°23 | 5°19 | F 6 |
| S 7 | 19 3 15 | 16°29'48 | 18°59 | 3°R14 | 24°54 | 13°39 | 14°47 | 11° 1 | 17°35 | 4°24 | 17° 3 | 16°24 | 17°45 | 18°29 | 5°R19 | S 7 |
| S 8 | 19 7 11 | 17°27'13 | 3Ⅱ20 | 3°11 | 26° 4 | 14°14 | 15° 1 | 10°56 | 17°38 | 4°22 | 17° 3 | 16°21 | 17°42 | 18°36 | 5°19 | S 8 |
| M 9 | 19 11 8 | 18°24'39 | 18° 5 | 3° 3 | 27°13 | 14°49 | 15°15 | 10°52 | 17°42 | 4°21 | 17° 4 | 16°17 | 17°39 | 18°43 | 5°19 | M 9 |
| T 10 | 19 15 4 | 19°22'03 | 395 8 | 2°50 | 28°22 | 15°23 | 15°29 | 10°48 | 17°45 | 4°19 | 17° 4 | 16°13 | 17°36 | 18°49 | 5°19 | T 10 |
| W11 | 19 19 1 | 20°19'28 | 18°20 | 2°34 2°14 | 29°32 | 15°58 | 15°42 | 10°43 | 17°49 17°52 | 4°17 | 17° 5 17° 5 | 16°10 | 17°33 | 18°56 19° 3 | 5°19 5°19 | W11 T 12 |
| T 12 F 13 | 19 22 58 19 26 54 | 21°16'51 22°14'14 | 3 \Omega 33 | 1°50 | 0 Mp 41 1°50 | 16°33 17° 8 | 15°56 16°10 | 10°39 10°34 | 17°56 | 4°16 4°14 | -, - | 16° 9 16°D 8 | 17°29 17°26 | 19° 3 | 5°18 | F 13 |
| S 14 | 19 26 54 | 23°11'36 | 3 Mp 17 | 1°23 | 2°59 | 17° 8 | 16°10 | 10°34 10°30 | 17°59 | 4°14 4°13 | 17° 6 17° 6 | 16° 9 | 17°23 | 19° 16 | 5°18 | S 14 |
| | | | | | | | | | | | | | | | | |
| S 15 | 19 34 47 | 24° 8'58 | 17°37 | 0°54 | 4° 8 | 18°18 | 16°38 | 10°26 | 18° 3 | 4°11 | 17° 7 | 16°10 | 17°20 | 19°23 | 5°18 | S 15 |
| M16 | 19 38 44 | 25° 6'18 | 1 2 31 | 0°22 | 5°16 | 18°53 | 16°52 | 10°22 | 18° 7 | 4°10 | 17° 7 | 16°12 | 17°17 | 19°29 | 5°17 | M16 |
| T 17 | 19 42 40 | 26° 3'38 | 14°59 | 29 © 49 29°14 | 6°25 | 19°28 | 17° 5 | 10°17 | 18°10 | 4° 8 4° 7 | 17° 8 17° 9 | 16°13 | 17°14 | 19°36 | 5°17 | T 17 |
| W18 T 19 | 19 46 37 19 50 33 | 27° 0'58 27°58'16 | 28° 3 10 M .46 | 29°14 28°39 | 7°33 8°42 | 20° 3 20°38 | 17°19 17°33 | 10°13 10° 9 | 18°14 18°17 | 4° 7 4° 5 | 17° 9 | 16°R13 16°12 | 17°10 17° 7 | 19°43 19°49 | 5°16 5°16 | W18 T 19 |
| F 20 | 19 50 33 | 27 38 16 28°55'35 | 23°12 | 28° 3 | 9°50 | 20 38 21°13 | 17°47 | 10° 5 | 18°21 | 4° 4 | 17°10 | 16°11 | 17° 4 | 19 49 19°56 | 5°15 | F 20 |
| S 21 | 19 54 30 | 29°52'52 | 5 × ⁷ 24 | 27°28 | 10°58 | 21°48 | 18° 1 | 10° 3 | 18°24 | 4° 3 | 17°11 | 16° 9 | 17° 1 | 20° 3 | 5°14 | S 21 |
| | | | | | 12° 6 | | | 9°57 | | | 17°12 | 16° 7 | | 20° 9 | | |
| S 22 M23 | 20 2 23 20 6 20 | 0 Ω 50'10 1°47'26 | 17°25 29°20 | 26°55 26°23 | 12° 6 | 22°24 22°59 | 18°14 18°28 | 9°57 9°53 | 18°28 18°31 | 4° 1 4° 0 | 17°12 17°12 | 16° / | 16°58 16°55 | 20° 9 20°16 | 5°13 5°13 | S 22 M23 |
| T 24 | 20 10 16 | 2°44'43 | 11 る 10 | 25°54 | 13 14 14°21 | 22°35 | 18°42 | 9°49 | 18°35 | 3°58 | 17°13 | 16° 3 | 16°51 | 20°16 20°23 | 5°12 | T 24 |
| W25 | 20 10 10 | 3°41'59 | 22°59 | 25°27 | 15°29 | 24°10 | 18°55 | 9°45 | 18°38 | 3°57 | 17°14 | 16° 1 | 16°48 | 20°29 | 5°11 | W25 |
| T 26 | 20 14 13 | 4°39'15 | 4 ≈ 48 | 25° 4 | 16°36 | 24°46 | 19° 9 | 9°41 | 18°42 | 3°56 | 17°15 | 16° 1 | 16°45 | 20°36 | 5°10 | T 26 |
| F 27 | 20 22 6 | 5°36'31 | 16°41 | 24°44 | 17°43 | 25°21 | 19°22 | 9°37 | 18°45 | 3°54 | 17°16 | 16°D 0 | 16°42 | 20°43 | 5° 9 | F 27 |
| S 28 | 20 26 2 | 6°33'46 | 28°38 | 24°29 | 18°51 | 25°57 | 19°36 | 9°34 | 18°49 | 3°53 | 17°17 | 16° 1 | 16°39 | 20°49 | 5° 8 | S 28 |
| S 29 | 20 29 59 | 7°31'02 | 10 ¥ 43 | 24°18 | 19°57 | 26°33 | 19°50 | 9°30 | 18°52 | 3°52 | 17°18 | 16° 1 | 16°35 | 20°56 | 5° 7 | S 29 |
| M30 | 20 33 56 | 8°28'18 | 22°58 | 24°11 | 21° 4 | 27° 8 | 20° 3 | 9°26 | 18°55 | 3°50 | 17°19 | 16° 2 | 16°32 | 21° 3 | 5° 5 | M30 |
| T 31 | 20 37 52 | 9∕25'34 | 5 Υ 26 | 24°D10 | 22 m) 11 | 27 Mp 44 | 209517 | 9 云 23 | 18959 | 3 る 49 | 17 ♀ 20 | 16≈ 3 | 16≈29 | 21궁 9 | 5 Υ 4 | T 31 |

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| W 1 | 20 41 49 | 10\O22'50 | 18 Y 10 | 249614 | 23 m 17 | 28 m 20 | 20930 | 9°R19 | 1995 2 | 3°R48 | 17 ≏ 21 | 16≈ 3 | 16≈26 | 21 궁 16 | 5°R 3 | W 1 |
| T 2 | 20 45 45 | 11°20'07 | 1812 | 24°22 | 24°24 | 28°56 | 20°43 | 9 ට 16 | 19° 6 | 3 ⋜ 47 | 17°22 | 16° 4 | 16°23 | 21°22 | 5 Υ 2 | T 2 |
| F 3 | 20 49 42 | 12°17'24 | 14°35 | 24°37 | 25°30 | 29°32 | 20°57 | 9°13 | 19° 9 | 3°46 | 17°24 | 16°R 4 | 16°20 | 21°29 | 5° 0 | F 3 |
| S 4 | 20 53 38 | 13°14'42 | 28°21 | 24°56 | 26°36 | 0 亚 8 | 21°10 | 9° 9 | 19°12 | 3°44 | 17°25 | 16° 3 | 16°16 | 21°36 | 4°59 | S 4 |
| S 5 | 20 57 35 | 14°12'00 | 12Ⅲ30 | 25°21 | 27°41 | 0°44 | 21°23 | 9° 6 | 19°16 | 3°43 | 17°26 | 16° 3 | 16°13 | 21°42 | 4°57 | S 5 |
| M 6 | 21 131 | 15° 9'18 | 27° 0 | 25°51 | 28°47 | 1°20 | 21°37 | 9° 3 | 19°19 | 3°42 | 17°27 | 16° 3 | 16°10 | 21°49 | 4°56 | M 6 |
| T 7 | 21 5 28 | 16° 6'37 | 119548 | 26°26 | 29°52 | 1°56 | 21°50 | 9° 0 | 19°22 | 3°41 | 17°28 | 16°D 3 | 16° 7 | 21°56 | 4°54 | T 7 |
| W 8 | 21 9 25 | 17° 3'57 | 26°48 | 27° 7 | 0 ჲ 58 | 2°33 | 22° 3 | 8°57 | 19°25 | 3°40 | 17°30 | 16° 3 | 16° 4 | 22° 2 | 4°53 | W 8 |
| T 9 | 21 13 21 | 18° 1'17 | $11\Omega52$ | 27°53 | 2° 3 | 3° 9 | 22°16 | 8°54 | 19°29 | 3°39 | 17°31 | 16°R 3 | 16° 1 | 22° 9 | 4°51 | T 9 |
| F 10 | 21 17 18 | 18°58'37 | 26°51 | 28°44 | 3° 8 | 3°45 | 22°29 | 8°51 | 19°32 | 3°38 | 17°32 | 16° 3 | 15°57 | 22°16 | 4°49 | F 10 |
| S 11 | 21 21 14 | 19°55'57 | 11 M 37 | 29°40 | 4°12 | 4°22 | 22°43 | 8°48 | 19°35 | 3°37 | 17°34 | 16° 3 | 15°54 | 22°22 | 4°48 | S 11 |
| S 12 | 21 25 11 | 20°53'18 | 26° 3 | 0 Ω 41 | 5°17 | 4°58 | 22°56 | 8°45 | 19°38 | 3°36 | 17°35 | 16° 3 | 15°51 | 22°29 | 4°46 | S 12 |
| M13 | 21 29 7 | 21°50'38 | 10 ♀ 4 | 1°47 | 6°21 | 5°35 | 23° 9 | 8°43 | 19°41 | 3°35 | 17°37 | 16° 2 | 15°48 | 22°36 | 4°44 | M13 |
| T 14 | 21 33 4 | 22°47'59 | 23°40 | 2°59 | 7°25 | 6°11 | 23°21 | 8°40 | 19°45 | 3°34 | 17°38 | 16° 1 | 15°45 | 22°42 | 4°42 | T 14 |
| W15 | 21 37 0 | 23°45'21 | 6 M 49 | 4°15 | 8°29 | 6°48 | 23°34 | 8°38 | 19°48 | 3°33 | 17°40 | 16° 1 | 15°41 | 22°49 | 4°40 | W15 |
| T 16 | 21 40 57 | 24°42'42 | 19°35 | 5°35 | 9°32 | 7°24 | 23°47 | 8°35 | 19°51 | 3°32 | 17°41 | 16°D 0 | 15°38 | 22°56 | 4°38 | T 16 |
| F 17 | 21 44 54 | 25°40'04 | 2 × 1 | 7° 1 | 10°35 | 8° 1 | 24° 0 | 8°33 | 19°54 | 3°31 | 17°43 | 16° 0 | 15°35 | 23° 2 | 4°36 | F 17 |
| S 18 | 21 48 50 | 26°37'26 | 14°11 | 8°31 | 11°38 | 8°38 | 24°13 | 8°31 | 19°57 | 3°31 | 17°44 | 16° 1 | 15°32 | 23° 9 | 4°34 | S 18 |
| S 19 | 21 52 47 | 27°34'49 | 26°10 | 10° 5 | 12°41 | 9°15 | 24°25 | 8°28 | 20° 0 | 3°30 | 17°46 | 16° 2 | 15°29 | 23°16 | 4°32 | S 19 |
| M20 | 21 56 43 | 28°32'11 | 8 ට 1 | 11°43 | 13°44 | 9°51 | 24°38 | 8°26 | 20° 3 | 3°29 | 17°47 | 16° 3 | 15°26 | 23°22 | 4°30 | M20 |
| T 21 | 22 0 40 | 29°29'35 | 19°50 | 13°25 | 14°46 | 10°28 | 24°50 | 8°24 | 20° 6 | 3°28 | 17°49 | 16° 4 | 15°22 | 23°29 | 4°28 | T 21 |
| W22 | 22 4 36 | 0 m 26'59 | 1≈39 | 15°10 | 15°48 | 11° 5 | 25° 3 | 8°22 | 20° 9 | 3°28 | 17°50 | 16° 5 | 15°19 | 23°36 | 4°26 | W22 |
| T 23 | 22 8 33 | 1°24'23 | 13°32 | 16°59 | 16°50 | 11°42 | 25°15 | 8°21 | 20°12 | 3°27 | 17°52 | 16°R 6 | 15°16 | 23°42 | 4°24 | T 23 |
| F 24 | 22 12 29 | 2°21'48 | 25°32 | 18°51 | 17°51 | 12°19 | 25°28 | 8°19 | 20°14 | 3°26 | 17°54 | 16° 5 | 15°13 | 23°49 | 4°21 | F 24 |
| S 25 | 22 16 26 | 3°19'14 | 7 ∺ 40 | 20°46 | 18°52 | 12°56 | 25°40 | 8°17 | 20°17 | 3°26 | 17°56 | 16° 4 | 15°10 | 23°56 | 4°19 | S 25 |
| S 26 | 22 20 23 | 4°16'40 | 19°59 | 22°43 | 19°53 | 13°33 | 25°52 | 8°16 | 20°20 | 3°25 | 17°57 | 16° 2 | 15° 6 | 24° 2 | 4°17 | S 26 |
| M27 | 22 24 19 | 5°14'07 | 2 Υ 29 | 24°42 | 20°53 | 14°10 | 26° 4 | 8°14 | 20°23 | 3°24 | 17°59 | 16° 0 | 15° 3 | 24° 9 | 4°14 | M27 |
| T 28 | 22 28 16 | 6°11'36 | 15°12 | 26°43 | 21°53 | 14°48 | 26°17 | 8°13 | 20°26 | 3°24 | 18° 1 | 15°57 | 15° 0 | 24°16 | 4°12 | T 28 |
| W29 | 22 32 12 | 7° 9'05 | 28° 9 | 28°45 | 22°53 | 15°25 | 26°29 | 8°12 | 20°28 | 3°23 | 18° 3 | 15°54 | 14°57 | 24°22 | 4°10 | W29 |
| T 30 | 22 36 9 | 8° 6'35 | 11821 | 0 m 48 | 23°52 | 16° 2 | 26°41 | 8°10 | 20°31 | 3°23 | 18° 4 | 15°51 | 14°54 | 24°29 | 4° 7 | T 30 |
| F 31 | 22 40 5 | 9 m) 4'07 | 24 8 49 | 2 m 52 | 24 ♀ 51 | 16 ≏ 40 | 26952 | 8 ට 9 | 20934 | 3 る 22 | 18 ♀ 6 | 15≈50 | 14≈51 | 24 궁 36 | 4Υ 5 | F 31 |

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| S 1 | 22 44 2 | 10 m) 1'40 | 8Д32 | 4 Mp 56 | 25 ♀ 50 | 17 ≏ 17 | 2799 4 | 8°R 8 | 20936 | 3°R22 | 18☎ 8 | 15°D49 | 14≈47 | 24 궁 42 | 4°R 2 | S 1 |
| S 2 | 22 47 58 | 10°59'15 | 22°32 | 6°59 | 26°48 | 17°54 | 27°16 | 8 동 8 | 20°39 | 3 る 22 | 18°10 | 15 ≈ 49 | 14°44 | 24°49 | 4Υ 0 | S 2 |
| M 3 | 22 51 55 | 11°56'51 | 6 ୭ 47 | 9° 3 | 27°46 | 18°32 | 27°28 | 8° 7 | 20°41 | 3°21 | 18°12 | 15°51 | 14°41 | 24°55 | 3°57 | M 3 |
| T 4 | 22 55 52 | 12°54'28 | 21°15 | 11° 6 | 28°43 | 19° 9 | 27°39 | 8° 6 | 20°44 | 3°21 | 18°14 | 15°52 | 14°38 | 25° 2 | 3°55 | T 4 |
| W 5 T 6 | 22 59 48 23 3 45 | 13°52'06 14°49'46 | 5 Ω 53 20°37 | 13° 9 15°11 | 29°40 0MJ37 | 19°47 20°25 | 27°51 28° 2 | 8° 5 8° 5 | 20°46 20°49 | 3°21 3°20 | 18°16 18°18 | 15°53 15°R53 | 14°35 14°32 | 25° 9 25°15 | 3°52 3°50 | W 5 T 6 |
| T 6 F 7 | 23 7 41 | 14°49'46 15°47'26 | 5 Mp 19 | 13°11 | 1°33 | 20°23 21° 2 | 28° 14 | 8° 4 | 20°49 20°51 | 3°20 | 18°18 | 15°K55 | 14°32 14°28 | 25°13 25°22 | 3°47 | F 7 |
| S 8 | 23 11 38 | 16°45'08 | 19°53 | 19°11 | 2°29 | 21°40 | 28°25 | 8° 4 | 20°54 | 3°20 | 18°21 | 15°50 | 14°25 | 25°29 | 3°44 | S 8 |
| S 9 | 23 15 34 | 17°42'51 | 4 Ω 13 | 21°10 | 3°24 | 22°18 | 28°36 | 8° 4 | 20°56 | 3°20 | 18°23 | 15°46 | 14°22 | 25°35 | 3°42 | S 9 |
| M10 | 23 19 31 | 18°40'36 | 18°13 | 23° 7 | 4°19 | 22°56 | 28°47 | 8° 4 | 20°58 | 3°20 | 18°25 | 15°41 | 14°19 | 25°42 | 3°39 | M10 |
| T 11 | 23 23 27 | 19°38'21 | 1 M 50 | 25° 3 | 5°13 | 23°34 | 28°58 | 8°D 4 | 21° 0 | 3°19 | 18°27 | 15°35 | 14°16 | 25°49 | 3°36 | T 11 |
| W12 | 23 27 24 | 20°36'07 | 15° 2 | 26°58 | 6° 7 | 24°12 | 29° 9 | 8° 4 | 21° 3 | 3°19 | 18°29 | 15°31 | 14°12 | 25°55 | 3°34 | W12 |
| T 13 | 23 31 20 | 21°33'55 | 27°51 | 28°51 | 7° 0 | 24°50 | 29°20 | 8° 4 | 21° 5 | 3°19 | 18°31 | 15°27 | 14° 9 | 26° 2 | 3°31 | T 13 |
| F 14 S 15 | 23 35 17 23 39 14 | 22°31'43 23°29'33 | 10 × 19 22°29 | 0 ≙ 43 2°34 | 7°52 8°44 | 25°28 26° 6 | 29°31 29°42 | 8° 4 8° 5 | 21° 7 21° 9 | 3°D19 3°19 | 18°34 18°36 | 15°25 15°D24 | 14° 6 14° 3 | 26° 9 26°15 | 3°28 3°25 | F 14 S 15 |
| | | | - | | _ | | - | | - | | | | _ | | | |
| S 16 | 23 43 10 | 24°27'24 | 4 궁 28 | 4°23 | 9°35 | 26°44 | 29°52 | 8° 5 | 21°11 | 3°19 | 18°38 | 15°24 | 14° 0 | 26°22 | 3°23 | S 16 |
| M17 | 23 47 7 | 25°25'16 | 16°18 | 6°11 | 10°26 | 27°22 | 0 0 3 | 8° 6 | 21°13 | 3°20 | 18°40 | 15°26 | 13°57 | 26°29 | 3°20 | M17 |
| T 18 W19 | 23 51 3 23 55 0 | 26°23'09 27°21'03 | 28° 7 9 ≈ 58 | 7°58 9°43 | 11°16 12° 5 | 28° 1 28°39 | 0°13 0°23 | 8° 6 8° 7 | 21°15 21°17 | 3°20 3°20 | 18°42 18°44 | 15°27 15°R28 | 13°53 13°50 | 26°35 26°42 | 3°17 3°14 | T 18 W19 |
| T 20 | 23 58 56 | 27 21 03 28°18'58 | 9≈38 21°56 | 11°27 | 12°53 | 28 39 29°17 | 0°23 | 8° 8 | 21°19 | 3°20 | 18°46 | 15 K28 | 13°47 | 26°49 | 3°12 | T 20 |
| F 21 | 0 2 53 | 29°16'54 | 4)(3 | 13°10 | 13°41 | 29°56 | 0°43 | 8° 9 | 21°21 | 3°20 | 18°48 | 15°26 | 13°44 | 26°55 | 3° 9 | F 21 |
| S 22 | 0 6 49 | 0 △ 14'52 | 16°24 | 14°51 | 14°28 | 0 m 34 | 0°53 | 8°10 | 21°22 | 3°20 | 18°50 | 15°23 | 13°41 | 27° 2 | 3° 6 | S 22 |
| S 23 | 0 10 46 | 1°12'52 | 28°59 | 16°31 | 15°14 | 1°13 | 1° 3 | 8°11 | 21°24 | 3°21 | 18°53 | 15°17 | 13°38 | 27° 8 | 3° 3 | S 23 |
| M24 | 0 14 43 | 2°10'52 | 11 Y 49 | 18°10 | 15°59 | 1°51 | 1°13 | 8°12 | 21°26 | 3°21 | 18°55 | 15°10 | 13°34 | 27°15 | 3° 0 | M24 |
| T 25 | 0 18 39 | 3° 8'55 | 24°54 | 19°47 | 16°44 | 2°30 | 1°23 | 8°14 | 21°27 | 3°21 | 18°57 | 15° 1 | 13°31 | 27°22 | 2°58 | T 25 |
| W26 | 0 22 36 | 4° 6'59 | 8813 | 21°24 | 17°27 | 3° 8 | 1°32 | 8°15 | 21°29 | 3°22 | 18°59 | 14°53 | 13°28 | 27°28 | 2°55 | W26 |
| T 27 | 0 26 32 | 5° 5'05 | 21°44 | 22°59 | 18° 9 | 3°47 | 1°42 | 8°17 | 21°30 | 3°22 | 19° 1 | 14°46 | 13°25 | 27°35 | 2°52 | T 27 |
| F 28 S 29 | 0 30 29 0 34 25 | 6° 3'13 7° 1'22 | 5 Ⅲ 26 19°16 | 24°33 26° 6 | 18°51 19°31 | 4°26 5° 4 | 1°51 2° 0 | 8°18 8°20 | 21°32 21°33 | 3°23 3°23 | 19° 3 19° 6 | 14°40 14°37 | 13°22 13°18 | 27°42 27°48 | 2°49 2°46 | F 28 S 29 |
| S 30 | 0 34 23 | 7 1 22 7 2 59'34 | 3 9 15 | 20 0 27 Ω 37 | 20 M L11 | 5 ML43 | 2Ω 9 | 8 3 22 | 21 33 | 3 23 3 ♂ 24 | 19 8 | 14°D35 | 13 18 13 ≈ 15 | 27 3 55 | 2 46 2 Υ 44 | S 30 |
| 3 30 | 0 38 22 | /==39 34 | دافتد | ∠1 = 31 | 4011 6 11 | J11643 | 2069 | 0022 | ددف: ۱ | 3024 | 17= 0 | 14 033 | 13~13 | 21033 | Z 1 44 | 3 30 |

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| M 1 | 0 42 18 | 8 ≙ 57'47 | 179521 | 29 요 7 | 20 11 49 | 6ML22 | 2 Ω 18 | 8 궁 24 | 219936 | 3 る 24 | 19 ≙ 10 | 14≈36 | 13≈12 | 28 る 2 | 2°R41 | M 1 |
| T 2 | 0 46 15 | 9°56'03 | 1 £ 33 | 0 M .36 | 21°26 | 7° 1 | 2°27 | 8°26 | 21°38 | 3°25 | 19°12 | 14°36 | 13° 9 | 28° 8 | 2 Υ 38 | T 2 |
| W 3 | 0 50 12 | 10°54'20 | 15°50 | 2° 4 | 22° 2 | 7°40 | 2°36 | 8°28 | 21°39 | 3°25 | 19°15 | 14°R37 | 13° 6 | 28°15 | 2°35 | W 3 |
| T 4 | 0 54 8 | 11°52'40 | 0 mg 9 | 3°31 | 22°37 | 8°19 | 2°44 | 8°30 | 21°40 | 3°26 | 19°17 | 14°36 | 13° 3 | 28°22 | 2°33 | T 4 |
| F 5 | 0 58 5 | 12°51'01 | 14°26 | 4°57 | 23°10 | 8°58 | 2°53 | 8°32 | 21°41 | 3°27 | 19°19 | 14°33 | 12°59 | 28°28 | 2°30 | F 5 |
| S 6 | 1 2 1 | 13°49'24 | 28°38 | 6°21 | 23°42 | 9°38 | 3° 1 | 8°35 | 21°42 | 3°27 | 19°21 | 14°27 | 12°56 | 28°35 | 2°27 | S 6 |
| S 7 | 1 5 58 | 14°47'49 | 12 ≏ 40 | 7°44 | 24°13 | 10°17 | 3° 9 | 8°37 | 21°43 | 3°28 | 19°24 | 14°19 | 12°53 | 28°42 | 2°24 | S 7 |
| M 8 | 1 9 54 | 15°46'16 | 26°27 | 9° 5 | 24°42 | 10°56 | 3°17 | 8°40 | 21°44 | 3°29 | 19°26 | 14° 9 | 12°50 | 28°48 | 2°22 | M 8 |
| T 9 | 1 13 51 | 16°44'44 | 9 M .55 | 10°26 | 25°10 | 11°35 | 3°25 | 8°42 | 21°45 | 3°30 | 19°28 | 13°58 | 12°47 | 28°55 | 2°19 | T 9 |
| W10 | 1 17 47 | 17°43'14 | 23° 3 | 11°45 | 25°36 | 12°15 | 3°33 | 8°45 | 21°46 | 3°31 | 19°30 | 13°48 | 12°43 | 29° 2 | 2°16 | W10 |
| T 11 F 12 | 1 21 44 | 18°41'46 19°40'20 | 5 ₹ 149 18°16 | 13° 2 | 26° 1 26°23 | 12°54 13°34 | 3°40 | 8°48 8°51 | 21°47 21°48 | 3°31 3°32 | 19°33 19°35 | 13°39 13°32 | 12°40 12°37 | 29° 8 29°15 | 2°14 2°11 | T 11 F 12 |
| S 13 | 1 25 41 1 29 37 | 20°38'55 | 18*16 0 중 27 | 14°18 15°32 | 26°23 | 13°34 14°13 | 3°48 3°55 | 8°54 | 21°48 21°49 | 3°32 3°33 | 19°33 | 13°32 13°28 | 12°34 | 29°13 | 2° 11 | S 13 |
| | | | | | - | _ | | | - | | | | | | | |
| S 14 | 1 33 34 | 21°37'32 | 12°25 | 16°45 | 27° 4 | 14°53 | 4° 3 | 8°57 | 21°49 | 3°34 | 19°39 | 13°26 | 12°31 | 29°28 | 2° 6 | S 14 |
| M15 | 1 37 30 | 22°36'10 | 24°15 | 17°56 | 27°21 | 15°32 | 4°10 | 9° 0 | 21°50 | 3°35 | 19°42 | 13°D26 | 12°28 | 29°35 | 2° 3 | M15 |
| T 16 | 1 41 27 | 23°34'50 | 6≈ 4 | 19° 6 | 27°36 | 16°12 | 4°17 | 9° 4 | 21°51 | 3°36 | 19°44 | 13°26 | 12°24 | 29°41 | 2° 1 | T 16 |
| W17 | 1 45 23 | 24°33'31 | 17°55 | 20°13 | 27°50 | 16°52 | 4°23 | 9° 7 | 21°51 | 3°37 | 19°46 | 13°R26 | 12°21 | 29°48 | 1°58 | W17 |
| T 18 F 19 | 1 49 20 1 53 16 | 25°32'14 26°30'59 | 29°56 12 ¥ 9 | 21°18 22°21 | 28° 1 28°10 | 17°31 18°11 | 4°30 4°36 | 9°10 9°14 | 21°52 21°52 | 3°38 3°39 | 19°48 19°50 | 13°25 13°22 | 12°18 12°15 | 29°55 | 1°56 1°53 | T 18 F 19 |
| S 20 | 1 53 16 | 26°30'39 27°29'45 | 24°40 | 23°22 | 28°17 | 18°51 | 4°43 | 9°14 9°17 | 21°52 21°52 | 3°41 | 19°50 19°53 | 13°22 13°16 | 12°13 | 0≈ 1 0° 8 | 1°53 | S 20 |
| | | | - | | | | | | | _ | | | | | | |
| S 21 | 2 1 9 | 28°28'33 | 7 Υ 29 | 24°20 | 28°22 | 19°31 | 4°49 | 9°21 | 21°53 | 3°42 | 19°55 | 13° 7 | 12° 9 | 0°15 | 1°48 | S 21 |
| M22 | 2 5 6 | 29°27'23 | 20°38 | 25°15 | 28°25 | 20°11 | 4°55 | 9°25 | 21°53 | 3°43 | 19°57 | 12°56 | 12° 5 | 0°21 | 1°46 | M22 |
| T 23 | 2 9 3 | 0M26'15 | 48 6 | 26° 8 | 28°R25 | 20°51 | 5° 1 | 9°29 | 21°53 | 3°44 | 19°59 | 12°44 | 12° 2 | 0°28 | 1°44 | T 23 |
| W24 | 2 12 59 | 1°25'09 | 17°51 | 26°57 | 28°23 | 21°31 | 5° 6 | 9°33 | 21°54 | 3°45 | 20° 2 | 12°32 | 11°59 | 0°35 | 1°41 | W24 |
| T 25 F 26 | 2 16 56 2 20 52 | 2°24'05 3°23'03 | 1 II 48 15°53 | 27°42 28°24 | 28°18 28°11 | 22°11 22°52 | 5°12 5°17 | 9°37 9°41 | 21°54 21°54 | 3°47 3°48 | 20° 4 20° 6 | 12°21 12°12 | 11°56 11°53 | 0°41 0°48 | 1°39 1°37 | T 25 F 26 |
| S 27 | 2 20 32 2 49 | 4°22'03 | 15.33 | 28°24 29° 1 | 28° 11 | 23°32 | 5°22 | 9°41 | 21°54 21°R54 | 3°48 3°49 | 20° 8 | 12°12 12° 6 | 11°33 | 0°48 0°55 | 1°37 | S 27 |
| | | | | - | | | | | | | | | | | | |
| S 28 | 2 28 45 | 5°21'06 | 14°12 | 29°34 | 27°50 | 24°12 | 5°27 | 9°49 | 21°54 | 3°51 | 20°10 | 12° 3 | 11°46 | 1° 1 | 1°32 | S 28 |
| M29 | 2 32 42 | 6°20'10 | 28°21 | 0 x ⁷ 2 | 27°36 | 24°52 | 5°32 | 9°54 | 21°54 | 3°52 | 20°13 | 12° 2 | 11°43 | 1° 8 | 1°30 | M29 |
| T 30 | 2 36 39 | 7°19'17 | 12\O27 | 0°25 | 27°19 | 25°33 | 5°37 | 9°58 | 21°54 | 3°53 | 20°15 | 12° 2 | 11°40 | 1°14 | 1°28 | T 30 |
| W31 | 2 40 35 | 8 M .18'26 | 26 Ω 29 | 0 ∡ 142 | 27 ™ 0 | 26M13 | 5 Ω 41 | 10る 2 | 21953 | 3 ප 55 | 20 ≏ 17 | 12≈ 2 | 11 ≈ 37 | 1≈21 | 1 Υ 26 | W31 |

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|------|---------|------------------|-----------------|----------------|----------------|----------------|---------------|----------------|--------|---------------|----------------|--------|-------|------|---------------|------|
| T 1 | 2 44 32 | 9 M 17'38 | 10 m 28 | 0 才 52 | 26°R39 | 26M54 | 5 Ω 46 | 10ට 7 | 21°R53 | 3 ප 56 | 20 ≏ 19 | 12°R 0 | 11≈34 | 1≈28 | 1°R24 | T 1 |
| F 2 | 2 48 28 | 10°16'51 | 24°21 | 0°R55 | 26M16 | 27°34 | 5°50 | 10°12 | 21953 | 3°58 | 20°21 | 11≈55 | 11°30 | 1°34 | 1 Υ 22 | F 2 |
| S 3 | 2 52 25 | 11°16'07 | 8 쇼 7 | 0°51 | 25°51 | 28°15 | 5°54 | 10°16 | 21°53 | 3°59 | 20°23 | 11°48 | 11°27 | 1°41 | 1°20 | S 3 |
| S 4 | 2 56 21 | 12°15'25 | 21°44 | 0°40 | 25°23 | 28°56 | 5°58 | 10°21 | 21°52 | 4° 1 | 20°26 | 11°37 | 11°24 | 1°48 | 1°18 | S 4 |
| M 5 | 3 0 18 | 13°14'45 | 5 M 9 | 0°20 | 24°54 | 29°36 | 6° 1 | 10°26 | 21°52 | 4° 2 | 20°28 | 11°25 | 11°21 | 1°54 | 1°16 | M 5 |
| T 6 | 3 4 14 | 14°14'07 | 18°20 | 29M52 | 24°24 | 0 ∡ 17 | 6° 5 | 10°31 | 21°51 | 4° 4 | 20°30 | 11°12 | 11°18 | 2° 1 | 1°14 | T 6 |
| W 7 | 3 8 11 | 15°13'31 | 1 √ 14 | 29°16 | 23°52 | 0°58 | 6° 8 | 10°36 | 21°51 | 4° 6 | 20°32 | 10°59 | 11°15 | 2° 8 | 1°12 | W 7 |
| T 8 | 3 12 7 | 16°12'56 | 13°52 | 28°31 | 23°18 | 1°39 | 6°11 | 10°41 | 21°50 | 4° 7 | 20°34 | 10°47 | 11°11 | 2°14 | 1°11 | T 8 |
| F 9 | 3 16 4 | 17°12'24 | 26°14 | 27°38 | 22°44 | 2°20 | 6°14 | 10°46 | 21°49 | 4° 9 | 20°36 | 10°38 | 11° 8 | 2°21 | 1° 9 | F 9 |
| S 10 | 3 20 1 | 18°11'54 | 8 중 21 | 26°38 | 22° 8 | 3° 1 | 6°16 | 10°51 | 21°49 | 4°11 | 20°38 | 10°32 | 11° 5 | 2°28 | 1° 7 | S 10 |
| S 11 | 3 23 57 | 19°11'25 | 20°17 | 25°32 | 21°32 | 3°42 | 6°19 | 10°56 | 21°48 | 4°12 | 20°40 | 10°28 | 11° 2 | 2°34 | 1° 6 | S 11 |
| M12 | 3 27 54 | 20°10'58 | 2≈ 6 | 24°21 | 20°55 | 4°23 | 6°21 | 11° 1 | 21°47 | 4°14 | 20°42 | 10°26 | 10°59 | 2°41 | 1° 4 | M12 |
| T 13 | 3 31 50 | 21°10'32 | 13°53 | 23° 7 | 20°19 | 5° 4 | 6°23 | 11° 7 | 21°46 | 4°16 | 20°44 | 10°D26 | 10°55 | 2°48 | 1° 3 | T 13 |
| W14 | 3 35 47 | 22°10'09 | 25°44 | 21°52 | 19°42 | 5°46 | 6°25 | 11°12 | 21°45 | 4°18 | 20°46 | 10°R26 | 10°52 | 2°54 | 1° 1 | W14 |
| T 15 | 3 39 43 | 23° 9'46 | 7) €44 | 20°38 | 19° 5 | 6°27 | 6°27 | 11°18 | 21°44 | 4°19 | 20°48 | 10°25 | 10°49 | 3° 1 | 1° 0 | T 15 |
| F 16 | 3 43 40 | 24° 9'26 | 19°59 | 19°27 | 18°30 | 7° 8 | 6°28 | 11°23 | 21°43 | 4°21 | 20°50 | 10°23 | 10°46 | 3° 7 | 0°58 | F 16 |
| S 17 | 3 47 36 | 25° 9'07 | 2 Υ 32 | 18°22 | 17°55 | 7°49 | 6°30 | 11°29 | 21°42 | 4°23 | 20°52 | 10°18 | 10°43 | 3°14 | 0°57 | S 17 |
| S 18 | 3 51 33 | 26° 8'50 | 15°29 | 17°25 | 17°21 | 8°31 | 6°31 | 11°34 | 21°41 | 4°25 | 20°54 | 10°10 | 10°40 | 3°21 | 0°56 | S 18 |
| M19 | 3 55 30 | 27° 8'34 | 28°50 | 16°37 | 16°48 | 9°12 | 6°32 | 11°40 | 21°40 | 4°27 | 20°56 | 10° 0 | 10°36 | 3°27 | 0°54 | M19 |
| T 20 | 3 59 26 | 28° 8'21 | 12834 | 15°59 | 16°17 | 9°54 | 6°32 | 11°46 | 21°39 | 4°29 | 20°58 | 9°49 | 10°33 | 3°34 | 0°53 | T 20 |
| W21 | 4 3 23 | 29° 8'09 | 26°40 | 15°33 | 15°47 | 10°36 | 6°33 | 11°52 | 21°38 | 4°31 | 21° 0 | 9°37 | 10°30 | 3°41 | 0°52 | W21 |
| T 22 | 4 7 19 | 0 才 7'59 | 11 I I 3 | 15°17 | 15°19 | 11°17 | 6°33 | 11°58 | 21°37 | 4°32 | 21° 2 | 9°27 | 10°27 | 3°47 | 0°51 | T 22 |
| F 23 | 4 11 16 | 1° 7'51 | 25°35 | 15°D14 | 14°53 | 11°59 | 6°R33 | 12° 3 | 21°35 | 4°34 | 21° 3 | 9°18 | 10°24 | 3°54 | 0°50 | F 23 |
| S 24 | 4 15 12 | 2° 7'45 | 109510 | 15°21 | 14°29 | 12°41 | 6°33 | 12° 9 | 21°34 | 4°36 | 21° 5 | 9°13 | 10°21 | 4° 1 | 0°49 | S 24 |
| S 25 | 4 19 9 | 3° 7'41 | 24°42 | 15°40 | 14° 8 | 13°22 | 6°33 | 12°15 | 21°32 | 4°38 | 21° 7 | 9°10 | 10°17 | 4° 7 | 0°48 | S 25 |
| M26 | 4 23 6 | 4° 7'39 | 9 N 6 | 16° 8 | 13°49 | 14° 4 | 6°32 | 12°21 | 21°31 | 4°40 | 21° 9 | 9°D 9 | 10°14 | 4°14 | 0°47 | M26 |
| T 27 | 4 27 2 | 5° 7'39 | 23°20 | 16°45 | 13°32 | 14°46 | 6°32 | 12°28 | 21°29 | 4°42 | 21°11 | 9° 9 | 10°11 | 4°21 | 0°46 | T 27 |
| W28 | 4 30 59 | 6° 7'41 | 7 m 21 | 17°30 | 13°17 | 15°28 | 6°31 | 12°34 | 21°28 | 4°44 | 21°12 | 9°R 9 | 10° 8 | 4°27 | 0°46 | W28 |
| T 29 | 4 34 55 | 7° 7'46 | 21°10 | 18°23 | 13° 5 | 16°10 | 6°30 | 12°40 | 21°26 | 4°46 | 21°14 | 9° 9 | 10° 5 | 4°34 | 0°45 | T 29 |
| F 30 | 4 38 52 | 8 才 7'52 | 4 ≗ 47 | 19 M 22 | 12 M 56 | 16 ₹ 52 | 6 Ω 28 | 12 る 46 | 219925 | 4 る 48 | 21 ≏ 16 | 9≈ 6 | 10≈ 1 | 4≈40 | 0 Υ 44 | F 30 |

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|------|---------|------------------|----------------|----------------|----------------|----------------|---------------|----------------|--------|---------------|----------------|-------------|------|------|---------------|------|
| S 1 | 4 42 48 | 9 ∡ 8'00 | 18 ≏ 12 | 20 M 26 | 12°R49 | 17 × 34 | 6°R27 | 12 る 52 | 21°R23 | 4 ප 51 | 21 ≏ 17 | 9°R 0 | 9≈58 | 4≈47 | 0°R44 | S 1 |
| S 2 | 4 46 45 | 10° 8'10 | 1 M .26 | 21°36 | 12 M 44 | 18°17 | 6 Ω 25 | 12°59 | 219521 | 4°53 | 21°19 | 8≈52 | 9°55 | 4°54 | 0 Υ43 | S 2 |
| M 3 | 4 50 41 | 11° 8'23 | 14°27 | 22°50 | 12°D42 | 18°59 | 6°23 | 13° 5 | 21°20 | 4°55 | 21°21 | 8°42 | 9°52 | 5° 0 | 0°43 | M 3 |
| T 4 | 4 54 38 | 12° 8'37 | 27°16 | 24° 7 | 12°43 | 19°41 | 6°21 | 13°12 | 21°18 | 4°57 | 21°22 | 8°31 | 9°49 | 5° 7 | 0°42 | T 4 |
| W 5 | 4 58 35 | 13° 8'53 | 9 ∡ 753 | 25°28 | 12°45 | 20°24 | 6°19 | 13°18 | 21°16 | 4°59 | 21°24 | 8°21 | 9°46 | 5°14 | 0°42 | W 5 |
| T 6 | 5 2 31 | 14° 9'10 | 22°17 | 26°51 | 12°50 | 21° 6 | 6°17 | 13°25 | 21°14 | 5° 1 | 21°25 | 8°11 | 9°42 | 5°20 | 0°42 | T 6 |
| F 7 | 5 6 28 | 15° 9'29 | 4 る 28 | 28°16 | 12°58 | 21°48 | 6°14 | 13°31 | 21°12 | 5° 3 | 21°27 | 8° 4 | 9°39 | 5°27 | 0°41 | F 7 |
| S 8 | 5 10 24 | 16° 9'50 | 16°29 | 29°43 | 13° 7 | 22°31 | 6°11 | 13°38 | 21°10 | 5° 5 | 21°28 | 7°59 | 9°36 | 5°34 | 0°41 | S 8 |
| S 9 | 5 14 21 | 17°10'12 | 28°22 | 1 √ 12 | 13°19 | 23°14 | 6° 8 | 13°44 | 21° 8 | 5° 8 | 21°30 | 7°56 | 9°33 | 5°40 | 0°41 | S 9 |
| M10 | 5 18 17 | 18°10'35 | 10≈ 9 | 2°42 | 13°33 | 23°56 | 6° 5 | 13°51 | 21° 6 | 5°10 | 21°31 | 7°D56 | 9°30 | 5°47 | 0°41 | M10 |
| T 11 | 5 22 14 | 19°11'00 | 21°55 | 4°12 | 13°49 | 24°39 | 6° 1 | 13°58 | 21° 4 | 5°12 | 21°33 | 7°57 | 9°27 | 5°54 | 0°D41 | T 11 |
| W12 | 5 26 10 | 20°11'26 | 3) (45 | 5°44 | 14° 8 | 25°22 | 5°58 | 14° 4 | 21° 2 | 5°14 | 21°34 | 7°58 | 9°23 | 6° 0 | 0°41 | W12 |
| T 13 | 5 30 7 | 21°11'54 | 15°42 | 7°16 | 14°28 | 26° 4 | 5°54 | 14°11 | 21° 0 | 5°16 | 21°35 | 7°R59 | 9°20 | 6° 7 | 0°41 | T 13 |
| F 14 | 5 34 4 | 22°12'22 | 27°54 | 8°49 | 14°50 | 26°47 | 5°50 | 14°18 | 20°58 | 5°18 | 21°37 | 7°59 | 9°17 | 6°14 | 0°41 | F 14 |
| S 15 | 5 38 0 | 23°12'52 | 10 Y 25 | 10°22 | 15°13 | 27°30 | 5°46 | 14°24 | 20°56 | 5°21 | 21°38 | 7°57 | 9°14 | 6°20 | 0°41 | S 15 |
| S 16 | 5 41 57 | 24°13'23 | 23°20 | 11°55 | 15°39 | 28°13 | 5°41 | 14°31 | 20°54 | 5°23 | 21°39 | 7°54 | 9°11 | 6°27 | 0°42 | S 16 |
| M17 | 5 45 53 | 25°13'55 | 6 8 40 | 13°29 | 16° 6 | 28°56 | 5°37 | 14°38 | 20°51 | 5°25 | 21°41 | 7°49 | 9° 7 | 6°33 | 0°42 | M17 |
| T 18 | 5 49 50 | 26°14'28 | 20°29 | 15° 3 | 16°35 | 2 <u>9</u> °39 | 5°32 | 14°45 | 20°49 | 5°27 | 21°42 | 7°42 | 9° 4 | 6°40 | 0°42 | T 18 |
| W19 | 5 53 46 | 27°15'02 | 4∏44 | 16°37 | 17° 6 | 0 궁 22 | 5°27 | 14°52 | 20°47 | 5°30 | 21°43 | 7°35 | 9° 1 | 6°47 | 0°43 | W19 |
| T 20 | 5 57 43 | 28°15'38 | 19°21 | 18°11 | 17°38 | 1° 5 | 5°22 | 14°59 | 20°45 | 5°32 | 21°44 | 7°29 | 8°58 | 6°53 | 0°43 | T 20 |
| F 21 | 6 1 40 | 29°16'15 | 49514 | 19°45 | 18°12 | 1°49 | 5°17 | 15° 6 | 20°42 | 5°34 | 21°45 | 7°24 | 8°55 | 7° 0 | 0°44 | F 21 |
| S 22 | 6 5 36 | 0 궁 16'54 | 19°13 | 21°19 | 18°47 | 2°32 | 5°11 | 15°13 | 20°40 | 5°36 | 21°46 | 7°21 | 8°52 | 7° 7 | 0°44 | S 22 |
| S 23 | 6 9 33 | 1°17'33 | 4 Ω 10 | 22°53 | 19°23 | 3°15 | 5° 6 | 15°20 | 20°38 | 5°39 | 21°48 | 7°D20 | 8°48 | 7°13 | 0°45 | S 23 |
| M24 | 6 13 29 | 2°18'14 | 18°58 | 24°27 | 20° 1 | 3°59 | 5° 0 | 15°27 | 20°35 | 5°41 | 21°49 | 7°20 | 8°45 | 7°20 | 0°46 | M24 |
| T 25 | 6 17 26 | 3°18'57 | 3 m 31 | 26° 1 | 20°40 | 4°42 | 4°54 | 15°34 | 20°33 | 5°43 | 21°50 | 7°22 | 8°42 | 7°27 | 0°46 | T 25 |
| W26 | 6 21 22 | 4°19'40 | 17°44 | 27°35 | 21°20 | 5°26 | 4°48 | 15°41 | 20°30 | 5°45 | 21°51 | 7°23 | 8°39 | 7°33 | 0°47 | W26 |
| T 27 | 6 25 19 | 5°20'26 | 1 ≏ 38 | 29° 9 | 22° 2 | 6° 9 | 4°42 | 15°48 | 20°28 | 5°48 | 21°52 | 7°R24 | 8°36 | 7°40 | 0°48 | T 27 |
| F 28 | 6 29 15 | 6°21'12 | 15°11 | 0 궁 43 | 22°44 | 6°53 | 4°36 | 15°55 | 20°26 | 5°50 | 21°52 | 7°24 | 8°33 | 7°47 | 0°49 | F 28 |
| S 29 | 6 33 12 | 7°22'00 | 28°26 | 2°17 | 23°28 | 7°36 | 4°29 | 16° 2 | 20°23 | 5°52 | 21°53 | 7°22 | 8°29 | 7°53 | 0°50 | S 29 |
| S 30 | 6 37 9 | 8°22'50 | 11 M 25 | 3°51 | 24°13 | 8°20 | 4°23 | 16° 9 | 20°21 | 5°54 | 21°54 | 7°19 | 8°26 | 8° 0 | 0°51 | S 30 |
| M31 | 6 41 5 | 9 る 23'40 | 24M 8 | 5 る 25 | 24M58 | 9 る 4 | 4 Ω 16 | 16 ට 16 | 209518 | 5 ⋜ 57 | 21 ≏ 55 | 7≈15 | 8≈23 | 8≈ 6 | 0 Υ 52 | M31 |

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|--------------|-------------------|-----------------------------|--------------------------|----------------|------------------------|----------------|---------------|----------------|----------------|---------------|----------------|--------------|--------------|----------------|---------------|--------------|
| T 1 | 6 45 2 | 10 ට 24'32 | 6 ₹ 38 | 6 ප 59 | 25 M 45 | 9 ප 47 | 4°R 9 | 16 ට 23 | 20°R16 | 5 る 59 | 21 ≏ 56 | 7°R10 | 8≈20 | 8≈13 | 0 Υ 53 | T 1 |
| W 2 | 6 48 58 | 11°25'26 | 1 <u>8</u> °57 | 8°33 | 26°33 | 10°31 | 4 Ω 2 | 16°30 | 209513 | 6° 1 | 21°57 | 7 ≈ 5 | 8°17 | 8°20 | 0°55 | W 2 |
| T 3 | 6 52 55 | 12°26'20 | 1중 6 | 10° 7 | 27°21 | 11°15 | 3°55 | 16°37 | 20°11 | 6° 3 6° 6 | 21°57 | 7° 1 | 8°13 | 8°26 | 0°56 | T 3 |
| F 4 S 5 | 6 56 51 7 0 48 | 13°27'15 14°28'11 | 13° 6 25° 0 | 11°41 13°15 | 28°11 29° 1 | 11°59 12°43 | 3°48 3°41 | 16°44 16°51 | 20° 8 20° 6 | 6° 6 6° 8 | 21°58 21°59 | 6°58 6°56 | 8°10 8° 7 | 8°33 8°40 | 0°57 0°59 | F 4 S 5 |
| | | | | | | _ | | | | | | | | | | |
| S 6 | 7 4 44 | 15°29'07 | 6 ≈ 49 | 14°49 | 29°52 | 13°27 | 3°34 | 16°59 | 20° 3 | 6°10 | 21°59 | 6°D56 | 8° 4 | 8°46 | 1° 0 | S 6 |
| M 7 T 8 | 7 8 41 7 12 38 | 16°30'05 17°31'02 | 18°35 0 ∺ 22 | 16°24 17°58 | 0 ∡ 744 1°36 | 14°11 14°56 | 3°26 3°19 | 17° 6 17°13 | 20° 0 19°58 | 6°12 6°15 | 22° 0 22° 0 | 6°56 6°57 | 8° 1 7°58 | 8°53 9°0 | 1° 2 1° 3 | M 7 T 8 |
| W 9 | 7 12 38 | 17 31 02 18°32'01 | 12°12 | 17 38 19°33 | 2°30 | 14 36 15°40 | 3°11 | 17°20 | 19°55 | 6°17 | 22° 1 | 6°59 | 7°54 | 9° 6 | 1° 5 | W 9 |
| T 10 | 7 20 31 | 19°33'00 | 24°11 | 21° 8 | 3°23 | 16°24 | 3° 3 | 17°27 | 19°53 | 6°19 | 22° 1 | 7° 1 | 7°51 | 9°13 | 1° 6 | T 10 |
| F 11 | 7 24 27 | 20°33'59 | 6 Υ 21 | 22°43 | 4°18 | 17° 8 | 2°56 | 17°34 | 19°50 | 6°21 | 22° 2 | 7° 2 | 7°48 | 9°20 | 1° 8 | F 11 |
| S 12 | 7 28 24 | 21°34'59 | 18°48 | 24°18 | 5°13 | 17°53 | 2°48 | 17°41 | 19°48 | 6°23 | 22° 2 | 7°R 2 | 7°45 | 9°26 | 1°10 | S 12 |
| S 13 | 7 32 20 | 22°35'59 | 1836 | 25°53 | 6° 9 | 18°37 | 2°40 | 17°48 | 19°45 | 6°26 | 22° 3 | 7° 2 | 7°42 | 9°33 | 1°12 | S 13 |
| M14 | 7 36 17 | 23°36'59 | 14°49 | 27°29 | 7° 5 | 19°21 | 2°32 | 17°55 | 19°42 | 6°28 | 22° 3 | 7° 1 | 7°39 | 9°40 | 1°13 | M14 |
| T 15 | 7 40 13 | 24°37'59 | 28°29 | 29° 5 | 8° 2 | 20° 6 | 2°24 | 18° 3 | 19°40 | 6°30 | 22° 3 | 7° 0 | 7°35 | 9°46 | 1°15 | T 15 |
| W16 | 7 44 10 | 25°39'00 | 12 Ⅱ 37 | 0≈41 | 9° 0 | 20°50 | 2°16 | 18°10 | 19°37 | 6°32 | 22° 3 | 6°59 | 7°32 | 9°53 | 1°17 | W16 |
| T 17 | 7 48 7 | 26°40'01 | 27°12 | 2°17 | 9°57 | 21°35 | 2° 8 | 18°17 | 19°35 | 6°34 | 22° 4 | 6°57 | 7°29 | 9°59 | 1°19 | T 17 |
| F 18 S 19 | 7 52 3 7 56 0 | 27°41'03 28°42'04 | 12 95 7 27°17 | 3°53 5°30 | 10°56 11°55 | 22°20 23° 4 | 2° 0 1°52 | 18°24 18°31 | 19°32 19°30 | 6°36 6°39 | 22° 4 22° 4 | 6°56 6°56 | 7°26 7°23 | 10° 6 10°13 | 1°21 1°23 | F 18 S 19 |
| | | | | | | _ | | | | | | | | | | |
| S 20 | 7 59 56 | 29°43'06 | 12\Omega30 | 7° 6 | 12°54 | 23°49 | 1°44 | 18°38 | 19°27 | 6°41 | 22° 4 | 6°D56 | 7°19 | 10°19 | 1°25 | S 20 |
| M21 T 22 | 8 3 53 8 7 49 | 0 ≈ 44'09 1°45'11 | 27°38 12 m)32 | 8°43 10°21 | 13°54 14°55 | 24°34 25°19 | 1°35 1°27 | 18°45 18°52 | 19°25 19°22 | 6°43 6°45 | 22° 4 22° 4 | 6°56 6°56 | 7°16 7°13 | 10°26 10°33 | 1°28 1°30 | M21 T 22 |
| W23 | 8 11 46 | 2°46'14 | 27° 6 | 11°58 | 15°55 | 26° 3 | 1°19 | 18°59 | 19°22 | 6°47 | 22°R 4 | 6°57 | 7°10 | 10°33 | 1°32 | W23 |
| T 24 | 8 15 43 | 3°47'18 | 11 Ω 14 | 13°35 | 16°57 | 26°48 | 1°11 | 19° 6 | 19°17 | 6°49 | 22° 4 | 6°57 | 7° 7 | 10°46 | 1°34 | T 24 |
| F 25 | 8 19 39 | 4°48'21 | 24°56 | 15°13 | 17°58 | 27°33 | 1° 3 | 19°13 | 19°15 | 6°51 | 22° 4 | 6°57 | 7° 4 | 10°53 | 1°37 | F 25 |
| S 26 | 8 23 36 | 5°49'26 | 8 M .13 | 16°50 | 19° 0 | 28°18 | 0°55 | 19°20 | 19°12 | 6°53 | 22° 4 | 6°R57 | 7° 0 | 10°59 | 1°39 | S 26 |
| S 27 | 8 27 32 | 6°50'31 | 21° 8 | 18°28 | 20° 2 | 29° 3 | 0°47 | 19°27 | 19°10 | 6°55 | 22° 4 | 6°D57 | 6°57 | 11° 6 | 1°42 | S 27 |
| M28 | 8 31 29 | 7°51'36 | 3 ∡ 742 | 20° 5 | 21° 5 | 29°49 | 0°39 | 19°34 | 19°8 | 6°57 | 22° 4 | 6°57 | 6°54 | 11°13 | 1°44 | M28 |
| T 29 | 8 35 25 | 8°52'41 | 16° 1 | 21°42 | 22° 8 | 0≈34 | 0°31 | 19°40 | 19° 5 | 6°59 | 22° 4 | 6°58 | 6°51 | 11°19 | 1°47 | T 29 |
| W30 | 8 39 22 | 9°53'47 | 28° 8 | 23°19 | 23°12 | 1°19 | 0°23 | 19°47 | 19° 3 | _7° 1 | 22° 4 | 6°58 | 6°48 | 11°26 | 1°49 | W30 |
| T 31 | 8 43 18 | 10≈54'53 | 10궁 5 | 24≈55 | 24 × 15 | 2≈ 4 | 0 Ω 15 | 19 る 54 | 1995 1 | 7 る 3 | 22 º 3 | 6≈58 | 6≈45 | 11≈32 | 1 Υ 52 | T 31 |

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|------|----------|----------------------|----------------|-----------------|----------------|--------------|----------------|----------------|----------------|---------------|----------------|---------------|------|----------------|-----------------------|------|
| F 1 | 8 47 15 | 11≈55'59 | 21 궁 57 | 26≈31 | 25 × 19 | 2≈49 | 0°R 7 | 20 ට 1 | 18°R58 | 7 ප 5 | 22°R 3 | 6≈59 | 6≈41 | 11≈39 | 1Υ54 | F 1 |
| S 2 | 8 47 13 | 11≈33°39 12°57'04 | 3≈45 | 28° 6 | 26°24 | 2≈49 3°35 | 29 9 59 | 20° 8 | 18 9 56 | 7° 7 | 22°R 3 | 6≈39 6°R59 | 6°38 | 11≈39 11°46 | 1 1 34 1°57 | S 2 |
| | 0 31 12 | 12 37 04 | | 20 0 | _ | | 295039 | | 183030 | | 22== 3 | 0 K39 | 0 30 | 11 40 | | 3 2 |
| S 3 | 8 55 8 | 13°58'10 | 15°32 | 29°39 | 27°28 | 4°20 | 29°52 | 20°14 | 18°54 | 7° 9 | 22° 3 | 6°59 | 6°35 | 11°52 | 2° 0 | S 3 |
| M 4 | 8 59 5 | 14°59'15 | 27°20 | 1) (11 | 28°33 | 5° 5 | 29°44 | 20°21 | 18°52 | 7°11 | 22° 2 | 6°58 | 6°32 | 11°59 | 2° 3 | M 4 |
| T 5 | 9 3 1 | 16° 0'20 | 9 ∺ 12 | 2°42 | 2 <u>9</u> °38 | 5°51 | 29°37 | 20°28 | 18°49 | 7°13 | 22° 2 | 6°57 | 6°29 | 12° 6 | 2° 5 | T 5 |
| W 6 | 9 6 58 | 17° 1'25 | 21° 8 | 4°10 | 0 ප 43 | 6°36 | 29°29 | 20°34 | 18°47 | 7°14 | 22° 1 | 6°56 | 6°25 | 12°12 | 2° 8 | W 6 |
| T 7 | 9 10 54 | 18° 2'29 | 3 Υ 13 | 5°36 | 1°49 | 7°22 | 29°22 | 20°41 | 18°45 | 7°16 | 22° 1 | 6°54 | 6°22 | 12°19 | 2°11 | T 7 |
| F 8 | 9 14 51 | 19° 3'32 | 15°27 | 6°59 | 2°55 | 8° 7 | 29°14 | 20°48 | 18°43 | 7°18 | 22° 0 | 6°53 | 6°19 | 12°26 | 2°14 | F 8 |
| S 9 | 9 18 47 | 20° 4'35 | 27°56 | 8°18 | 4° 1 | 8°53 | 29° 7 | 20°54 | 18°41 | 7°20 | 22° 0 | 6°51 | 6°16 | 12°32 | 2°17 | S 9 |
| S 10 | 9 22 44 | 21° 5'37 | 10842 | 9°33 | 5° 7 | 9°39 | 29° 0 | 21° 1 | 18°39 | 7°22 | 21°59 | 6°50 | 6°13 | 12°39 | 2°20 | S 10 |
| M11 | 9 26 41 | 22° 6'39 | 23°47 | 10°43 | 6°14 | 10°24 | 28°53 | 21° 7 | 18°37 | 7°23 | 21°59 | 6°D50 | 6°10 | 12°46 | 2°23 | M11 |
| T 12 | 9 30 37 | 23° 7'40 | 7 I I16 | 11°48 | 7°20 | 11°10 | 28°47 | 21°14 | 18°35 | 7°25 | 21°58 | 6°50 | 6° 6 | 12°52 | 2°26 | T 12 |
| W13 | 9 34 34 | 24° 8'40 | 21° 9 | 12°45 | 8°27 | 11°56 | 28°40 | 21°20 | 18°33 | 7°27 | 21°57 | 6°51 | 6° 3 | 12°59 | 2°29 | W13 |
| T 14 | 9 38 30 | 25° 9'39 | 59528 | 13°36 | 9°34 | 12°42 | 28°33 | 21°26 | 18°31 | 7°29 | 21°57 | 6°53 | 6° 0 | 13° 6 | 2°32 | T 14 |
| F 15 | 9 42 27 | 26°10'37 | 20° 9 | 14°18 | 10°42 | 13°27 | 28°27 | 21°33 | 18°29 | 7°30 | 21°56 | 6°54 | 5°57 | 13°12 | 2°35 | F 15 |
| S 16 | 9 46 23 | 27°11'35 | 5 N 9 | 14°51 | 11°49 | 14°13 | 28°21 | 21°39 | 18°27 | 7°32 | 21°55 | 6°R54 | 5°54 | 13°19 | 2°38 | S 16 |
| S 17 | 9 50 20 | 28°12'32 | 20°20 | 15°14 | 12°57 | 14°59 | 28°14 | 21°45 | 18°25 | 7°33 | 21°54 | 6°54 | 5°51 | 13°25 | 2°42 | S 17 |
| M18 | 9 54 16 | 29°13'27 | 5 m 33 | 15°27 | 14° 5 | 15°45 | 28° 8 | 21°51 | 18°24 | 7°35 | 21°54 | 6°52 | 5°47 | 13°32 | 2°45 | M18 |
| T 19 | 9 58 13 | 0) (14′22 | 20°37 | 15°R29 | 15°13 | 16°31 | 28° 3 | 21°57 | 18°22 | 7°37 | 21°53 | 6°50 | 5°44 | 13°39 | 2°48 | T 19 |
| W20 | 10 2 10 | 1°15'17 | 5 ≏ 24 | 15°19 | 16°21 | 17°17 | 27°57 | 22° 3 | 18°20 | 7°38 | 21°52 | 6°46 | 5°41 | 13°45 | 2°51 | W20 |
| T 21 | 10 6 6 | 2°16'11 | 19°47 | 14°58 | 17°29 | 18° 3 | 27°51 | 22° 9 | 18°18 | 7°40 | 21°51 | 6°43 | 5°38 | 13°52 | 2°55 | T 21 |
| F 22 | 10 10 3 | 3°17'04 | 3 M .42 | 14°26 | 18°38 | 18°49 | 27°46 | 22°15 | 18°17 | 7°41 | 21°50 | 6°39 | 5°35 | 13°59 | 2°58 | F 22 |
| S 23 | 10 13 59 | 4°17'56 | 17° 9 | 13°43 | 19°47 | 19°35 | 27°41 | 22°21 | 18°15 | 7°42 | 21°49 | 6°37 | 5°31 | 14° 5 | 3° 1 | S 23 |
| S 24 | 10 17 56 | 5°18'49 | 0 ∡ 7 8 | 12°51 | 20°55 | 20°21 | 27°36 | 22°27 | 18°14 | 7°44 | 21°48 | 6°D36 | 5°28 | 14°12 | 3° 5 | S 24 |
| M25 | 10 21 52 | 6°19'40 | 12°44 | 11°51 | 22° 4 | 21° 8 | 27°31 | 22°33 | 18°12 | 7°45 | 21°47 | 6°36 | 5°25 | 14°19 | 3° 8 | M25 |
| T 26 | 10 25 49 | 7°20'31 | 2 <u>5</u> ° 0 | 10°45 | 23°13 | 21°54 | 27°26 | 22°39 | 18°11 | 7°47 | 21°46 | 6°37 | 5°22 | 14°25 | 3°11 | T 26 |
| W27 | 10 29 45 | 8°21'21 | 7중 2 | 9°35 | 2 <u>4</u> °23 | 22°40 | 27°21 | 22°44 | 18° 9 | 7°48 | 21°45 | 6°39 | 5°19 | 14°32 | 3°15 | W27 |
| T 28 | 10 33 42 | 9 米 22'10 | 18 궁 54 | 8) €22 | 25 る 32 | 23≈26 | 279517 | 22 궁 50 | 1895 8 | 7 る 49 | 21 ≏ 44 | 6≈40 | 5≈16 | 14≈39 | 3 Υ 18 | T 28 |

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| F 1 | 10 37 39 | 10) 22'58 | 0≈42 | 7°R 9 | 26 궁 42 | 24≈13 | 27°R13 | 22 궁 56 | 18°R 7 | 7 궁 51 | 21°R43 | 6°R42 | 5≈12 | 14≈45 | 3 Υ 22 | F 1 |
| S 2 | 10 41 35 | 11°23'46 | 12°27 | 5) 58 | 27°51 | 24°59 | 2795 9 | 23° 1 | 1895 6 | 7°52 | 21 ≏ 42 | 6≈42 | 5° 9 | 14°52 | 3°25 | S 2 |
| S 3 | 10 45 32 | 12°24'32 | 24°15 | 4°51 | 29° 1 | 25°45 | 27° 5 | 23° 6 | 18° 4 | 7°53 | 21°41 | 6°40 | 5° 6 | 14°58 | 3°29 | S 3 |
| M 4 | 10 49 28 | 13°25'17 | 6 ∀ 8 | 3°49 | 0≈11 | 26°32 | 27° 1 | 23°12 | 18° 3 | 7°54 | 21°39 | 6°36 | 5° 3 | 15° 5 | 3°32 | M 4 |
| T 5 | 10 53 25 | 14°26'01 | 18° 7 | 2°53 | 1°21 | 27°18 | 26°58 | 23°17 | 18° 2 | 7°55 | 21°38 | 6°31 | 5° 0 | 15°12 | 3°36 | T 5 |
| W 6 | 10 57 21 | 15°26'44 | 0 Υ 15 | 2° 4 | 2°31 | 28° 5 | 26°55 | 23°22 | 18° 1 | 7°57 | 21°37 | 6°24 | 4°57 | 15°18 | 3°40 | W 6 |
| T 7 | 11 118 | 16°27'26 | 12°32 | 1°22 | 3°41 | 28°51 | 26°52 | 23°28 | 18° 0 | 7°58 | 21°36 | 6°17 | 4°53 | 15°25 | 3°43 | T 7 |
| F 8 | 11 5 14 | 17°28'06 | 25° 0 | 0°49 | 4°51 | 29°37 | 26°49 | 23°33 | 17°59 | 7°59 | 21°34 | 6° 9 | 4°50 | 15°32 | 3°47 | F 8 |
| S 9 | 11 9 11 | 18°28'45 | 7 8 39 | 0°23 | 6° 1 | 0 ∺ 24 | 26°46 | 23°38 | 17°58 | 8° 0 | 21°33 | 6° 2 | 4°47 | 15°38 | 3°50 | S 9 |
| S 10 | 11 13 7 | 19°29'22 | 20°32 | 0° 6 | 7°12 | 1°11 | 26°44 | 23°43 | 17°57 | 8° 1 | 21°32 | 5°57 | 4°44 | 15°45 | 3°54 | S 10 |
| M11 | 11 17 4 | 20°29'58 | 3 Ⅱ 40 | 29≈56 | 8°22 | 1°57 | 26°41 | 23°48 | 17°56 | 8° 2 | 21°30 | 5°53 | 4°41 | 15°52 | 3°58 | M11 |
| T 12 | 11 21 1 | 21°30'32 | 17° 4 | 29°D53 | 9°33 | 2°44 | 26°39 | 23°53 | 17°56 | 8° 3 | 21°29 | 5°D52 | 4°37 | 15°58 | 4° 1 | T 12 |
| W13 | 11 24 57 | 22°31'04 | 09647 | 29°57 | 10°44 | 3°30 | 26°37 | 23°58 | 17°55 | 8° 4 | 21°28 | 5°52 | 4°34 | 16° 5 | 4° 5 | W13 |
| T 14 | 11 28 54 | 23°31'35 | 14°49 | 0 米 8 | 11°54 | 4°17 | 26°36 | 24° 2 | 17°54 | 8° 5 | 21°26 | 5°53 | 4°31 | 16°12 | 4° 8 | T 14 |
| F 15 | 11 32 50 | 24°32'04 | 29°10 | 0°25 | 13° 5 | 5° 4 | 26°34 | 24° 7 | 17°54 | 8° 5 | 21°25 | 5°R54 | 4°28 | 16°18 | 4°12 | F 15 |
| S 16 | 11 36 47 | 25°32'31 | 13 Ω 48 | 0°48 | 14°16 | 5°50 | 26°33 | 24°11 | 17°53 | 8° 6 | 21°23 | 5°54 | 4°25 | 16°25 | 4°16 | S 16 |
| S 17 | 11 40 43 | 26°32'56 | 28°39 | 1°16 | 15°27 | 6°37 | 26°32 | 24°16 | 17°53 | 8° 7 | 21°22 | 5°52 | 4°22 | 16°32 | 4°19 | S 17 |
| M18 | 11 44 40 | 27°33'20 | 13 m 37 | 1°49 | 16°38 | 7°24 | 26°31 | 24°20 | 17°52 | 8° 8 | 21°21 | 5°47 | 4°18 | 16°38 | 4°23 | M18 |
| T 19 | 11 48 36 | 28°33'42 | 28°32 | 2°26 | 17°49 | 8°10 | 26°30 | 24°25 | 17°52 | 8° 8 | 21°19 | 5°41 | 4°15 | 16°45 | 4°27 | T 19 |
| W20 | 11 52 33 | 29°34'02 | 13 ≙ 17 | 3° 8 | 19° 0 | 8°57 | 26°30 | 24°29 | 17°51 | 8° 9 | 21°18 | 5°32 | 4°12 | 16°51 | 4°31 | W20 |
| T 21 | 11 56 30 | 0 Υ 34'21 | 27°42 | 3°54 | 20°12 | 9°44 | 26°29 | 24°33 | 17°51 | 8°10 | 21°16 | 5°23 | 4° 9 | 16°58 | 4°34 | T 21 |
| F 22 S 23 | 12 0 26 12 4 23 | 1°34'39 2°34'55 | 11 M .43 25°17 | 4°43 5°35 | 21°23 22°34 | 10°31 11°17 | 26°D29 26°29 | 24°37 | 17°51 17°51 | 8°10 8°11 | 21°15 21°13 | 5°14 5° 7 | 4° 6 4° 2 | 17° 5 17°11 | 4°38 4°42 | F 22 S 23 |
| | | | | | | | | 24°41 | | | | | | | | |
| S 24 | 12 8 19 | 3°35'10 | 8 × 23 | 6°31 | 23°46 | 12° 4 | 26°30 | 24°45 | 17°51 | 8°12 | 21°12 | 5° 2 | 3°59 | 17°18 | 4°45 | S 24 |
| M25 | 12 12 16 | 4°35'23 | 21° 3 | 7°30 | 24°57 | 12°51 | 26°30 | 24°49 | 17°50 | 8°12 | 21°10 | 4°58 | 3°56 | 17°25 | 4°49 | M25 |
| T 26 | 12 16 12 | 5°35'35 | 3 ₹ 23 | 8°31 | 26° 9 | 13°38 | 26°31 | 24°53 | 17°D50 | 8°13 | 21° 8 | 4°D57 | 3°53 | 17°31 | 4°53 | T 26 |
| W27 | 12 20 9 | 6°35'46 | 15°26 | 9°34 | 27°21 | 14°25 | 26°32 | 24°57 | 17°50 | 8°13 | 21° 7 | 4°58 | 3°50 | 17°38 | 4°57 | W27 |
| T 28 F 29 | 12 24 5 12 28 2 | 7°35'55 8°36'02 | 27°18 9 ≈ 5 | 10°41 11°49 | 28°32 29°44 | 15°12 15°59 | 26°33 26°34 | 25° 0 25° 4 | 17°51 17°51 | 8°14 8°14 | 21° 5 21° 4 | 4°58 4°R59 | 3°47 3°43 | 17°45 17°51 | 5° 0 5° 4 | T 28 F 29 |
| S 30 | 12 28 2 | 9°36'08 | 9≈ 3 20°51 | 11°49 12°59 | 0) 56 | 16°46 | 26°34 26°36 | 25° 4 | 17°51 | 8°14 8°14 | 21° 4 | 4°839 4°57 | 3°43 3°40 | 17°58 | 5° 8 | S 30 |
| | | | | | | | | | | | | | | | | |
| S 31 | 12 35 55 | 10 Y 36'13 | 2) (42 | 14 ∺ 12 | 2 ∺ 8 | 17 ∺ 32 | 26937 | 25 ਰ 11 | 17951 | 8 궁 15 | 21 ♀ 0 | 4≈53 | 3≈37 | 18 ≈ 5 | 5 Υ 11 | S 31 |

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| M 1 | 12 39 52 | 11 ° 36'15 | 14) (40 | 15 ∺ 26 | 3 ∺ 20 | 18 米 19 | 26939 | 25 궁 14 | 17951 | 8 ට 15 | 20°R59 | 4°R47 | 3≈34 | 18 ≈ 11 | 5 Υ 15 | M 1 |
| T 2 | 12 43 48 | 12°36'16 | 26°49 | 16°42 | 4°32 | 19° 6 | 26°41 | 25°17 | 17°52 | 8°15 | 20 ≙ 57 | 4≈38 | 3°31 | 18°18 | 5°19 | T 2 |
| W 3 | 12 47 45 | 13°36'16 | 9 Υ 10 | 18° 0 | 5°44 | 19°53 | 26°43 | 25°20 | 17°52 | 8°15 | 20°56 | 4°26 | 3°28 | 18°25 | 5°22 | W 3 |
| T 4 | 12 51 41 | 14°36'13 | 21°44 | 19°19 | 6°56 | 20°40 | 26°46 | 25°23 | 17°53 | 8°16 | 20°54 | 4°14 | 3°24 | 18°31 | 5°26 | T 4 |
| F 5 | 12 55 38 | 15°36'09 | 4 8 31 | 20°40 22° 2 | 8° 8 9°20 | 21°27 | 26°48 | 25°26 | 17°53 17°54 | 8°16 8°16 | 20°52 | 4° 1 | 3°21 3°18 | 18°38 18°44 | 5°30 | F 5 |
| S 6 | 12 59 34 | 16°36'03 | 17°30 | | | 22°14 | 26°51 | 25°29 | | | 20°51 | 3°49 | | _ | 5°33 | " |
| S 7 | 13 3 31 | 17°35'55 | 0 Ⅱ 40 | 23°26 | 10°32 | 23° 1 | 26°54 | 25°32 | 17°54 | 8°16 | 20°49 | 3°40 | 3°15 | 18°51 | 5°37 | S 7 |
| M 8 | 13 7 28 | 18°35'45 | 14° 2 | 24°52 | 11°44 | 23°48 | 26°57 | 25°34 | 17°55 | 8°16 | 20°47 | 3°33 | 3°12 | 18°58 | 5°41 | M 8 |
| T 9 W10 | 13 11 24 13 15 21 | 19°35'32 | 27°34 | 26°19 27°47 | 12°56 | 24°35 | 27° 1 | 25°37 | 17°56 | 8°R16 8°16 | 20°46 20°44 | 3°28 | 3° 8 | 19° 4 19°11 | 5°44 | T 9 |
| T 11 | 13 13 21 | 20°35'18 21°35'01 | 11 © 18 25°13 | 27°47 29°16 | 14° 9 15°21 | 25°22 26° 9 | 27° 4 27° 8 | 25°39 25°42 | 17°57 17°57 | 8°16 | 20°44 20°43 | 3°27 3°27 | 3° 5 3° 2 | 19°11 | 5°48 5°52 | W10 T 11 |
| F 12 | 13 23 14 | 21°33'01 22°34'42 | $9\Omega_{20}$ | 0° 47 | 16°33 | 26°56 | 27°12 | 25°44 | 17°58 | 8°16 | 20°43 | 3°27 | 2°59 | 19°24 | 5°55 | F 12 |
| S 13 | 13 27 10 | 23°34'21 | 23°38 | 2°20 | 17°45 | 27°43 | 27°16 | 25°46 | 17°59 | 8°16 | 20°39 | 3°25 | 2°56 | 19°31 | 5°59 | S 13 |
| S 14 | 13 31 7 | 24°33'58 | | 3°53 | 18°58 | 28°30 | 27°20 | 25°48 | 18° 0 | 8°16 | 20°38 | 3°22 | 2°53 | 19°38 | 6° 2 | S 14 |
| M15 | 13 31 / | 24°33'38 25°33'32 | 8 Mp 5 22°37 | 5°28 | 20°10 | 28°30 29°17 | 27°25 | 25°48 25°50 | 18° 0 | 8°15 | 20°36 | 3°16 | 2°49 | 19°38 19°44 | 6° 6 | M15 |
| T 16 | 13 39 0 | 26°33'04 | 7 <u>₽</u> 9 | 7° 4 | 20°10 21°23 | 0° 4 | 27°29 | 25°52 | 18° 2 | 8°15 | 20°34 | 3° 7 | 2°46 | 19°51 | 6° 9 | T 16 |
| W17 | 13 42 57 | 27°32'34 | 21°34 | 8°42 | 22°35 | 0°51 | 27°34 | 25°54 | 18° 3 | 8°15 | 20°33 | 2°56 | 2°43 | 19°58 | 6°13 | W17 |
| T 18 | 13 46 53 | 28°32'03 | 5 M .46 | 10°21 | 23°48 | 1°38 | 27°39 | 25°56 | 18° 5 | 8°15 | 20°31 | 2°44 | 2°40 | 20° 4 | 6°16 | T 18 |
| F 19 | 13 50 50 | 29°31'29 | 19°38 | 12° 1 | 25° 0 | 2°25 | 27°44 | 25°57 | 18° 6 | 8°14 | 20°29 | 2°32 | 2°37 | 20°11 | 6°20 | F 19 |
| S 20 | 13 54 46 | 0 8 30'54 | 3 . ₹ 8 | 13°42 | 26°13 | 3°12 | 27°50 | 25°59 | 18° 7 | 8°14 | 20°28 | 2°21 | 2°34 | 20°18 | 6°23 | S 20 |
| S 21 | 13 58 43 | 1°30'16 | 16°13 | 15°25 | 27°25 | 3°59 | 27°55 | 26° 0 | 18° 8 | 8°14 | 20°26 | 2°13 | 2°30 | 20°24 | 6°27 | S 21 |
| M22 | 14 2 39 | 2°29'38 | 28°56 | 17°10 | 28°38 | 4°46 | 28° 1 | 26° 2 | 18°10 | 8°13 | 20°25 | 2° 7 | 2°27 | 20°31 | 6°30 | M22 |
| T 23 | 14 6 36 | 3°28'57 | 11 궁 17 | 18°55 | 29°50 | 5°33 | 28° 6 | 26° 3 | 18°11 | 8°13 | 20°23 | 2° 4 | 2°24 | 20°38 | 6°34 | T 23 |
| W24 | 14 10 32 | 4°28'15 | 23°23 | 20°42 | 1 Υ 3 | 6°20 | 28°12 | 26° 4 | 18°13 | 8°12 | 20°21 | 2° 3 | 2°21 | 20°44 | 6°37 | W24 |
| T 25 | 14 14 29 | 5°27'30 | 5≈17 | 22°31 | 2°16 | 7° 7 | 28°18 | 26° 5 | 18°14 | 8°12 | 20°20 | 2° 3 | 2°18 | 20°51 | 6°40 | T 25 |
| F 26 | 14 18 26 | 6°26'45 | 17° 5 | 24°21 | 3°28 | 7°54 | 28°25 | 26° 6 | 18°16 | 8°11 | 20°18 | 2° 3 | 2°14 | 20°58 | 6°44 | F 26 |
| S 27 | 14 22 22 | 7°25'57 | 28°54 | 26°12 | 4°41 | 8°41 | 28°31 | 26° 7 | 18°17 | 8°11 | 20°17 | 2° 1 | 2°11 | 21° 4 | 6°47 | S 27 |
| S 28 | 14 26 19 | 8°25'08 | 10 ∺ 47 | 28° 4 | 5°54 | 9°28 | 28°38 | 26° 7 | 18°19 | 8°10 | 20°15 | 1°57 | 2° 8 | 21°11 | 6°50 | S 28 |
| M29 | 14 30 15 | 9°24'17 | 22°51 | 29°58 | 7° 7 | 10°15 | 28°44 | 26° 8 | 18°21 | 8°10 | 20°14 | 1°51 | 2° 5 | 21°17 | 6°53 | M29 |
| T 30 | 14 34 12 | 10823'24 | 5 ℃ 7 | 1854 | 8 Ƴ 19 | 11 ° 1 | 28951 | 26중 8 | 18923 | 8ට 9 | 20 ≏ 12 | 1≈42 | 2≈ 2 | 21≈24 | 6 Ƴ 57 | T 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 74 | ħ |)f(| 卉 | В | ß | ß | ţ | ę, | Day |
|------|----------|------------------|----------------|---------------|---------------|----------------|---------------|----------------|-------|---------------|----------------|----------------|------|-------|---------------|------|
| W 1 | 14 38 8 | 11822'29 | 17 Υ 40 | 3 8 51 | 9 Υ 32 | 11 Y 48 | 28958 | 26 ට 9 | 18924 | 8°R 8 | 20°R11 | 1°R31 | 1≈59 | 21≈31 | 7 Υ 0 | W 1 |
| T 2 | 14 42 5 | 12°21'33 | 0 8 29 | 5°49 | 10°45 | 12°35 | 29° 5 | 26° 9 | 18°26 | 8 7 | 20 ♀ 9 | 1≈18 | 1°55 | 21°37 | 7° 3 | T 2 |
| F 3 | 14 46 1 | 13°20'34 | 13°35 | 7°49 | 11°58 | 13°22 | 29°12 | 26° 9 | 18°28 | 8° 7 | 20° 8 | 1° 5 | 1°52 | 21°44 | 7° 6 | F 3 |
| S 4 | 14 49 58 | 14°19'34 | 26°57 | 9°50 | 13°11 | 14° 9 | 29°20 | 26°10 | 18°30 | 8° 6 | 20° 6 | 0°54 | 1°49 | 21°51 | 7° 9 | S 4 |
| S 5 | 14 53 54 | 15°18'32 | 10耳31 | 11°52 | 14°23 | 14°56 | 29°27 | 26°R10 | 18°32 | 8° 5 | 20° 5 | 0°44 | 1°46 | 21°57 | 7°12 | S 5 |
| M 6 | 14 57 51 | 16°17'28 | 24°16 | 13°55 | 15°36 | 15°43 | 29°35 | 26° 9 | 18°34 | 8° 4 | 20° 3 | 0°37 | 1°43 | 22° 4 | 7°15 | M 6 |
| T 7 | 15 1 48 | 17°16'21 | 8 5 2 8 | 16° 0 | 16°49 | 16°30 | 29°43 | 26° 9 | 18°36 | 8° 3 | 20° 2 | 0°32 | 1°40 | 22°11 | 7°18 | T 7 |
| W 8 | 15 5 44 | 18°15'13 | 22° 6 | 18° 5 | 18° 2 | 17°16 | 29°51 | 26° 9 | 18°38 | 8° 3 | 20° 0 | 0°31 | 1°36 | 22°17 | 7°21 | W 8 |
| T 9 | 15 941 | 19°14'02 | 6 N 8 | 20°11 | 19°15 | 18° 3 | 29°59 | 26° 9 | 18°41 | 8° 2 | 19°59 | 0°D30 | 1°33 | 22°24 | 7°24 | T 9 |
| F 10 | 15 13 37 | 20°12'49 | 20°14 | 22°18 | 20°28 | 18°50 | 0 Ω 7 | 26° 8 | 18°43 | 8° 1 | 19°58 | 0°R31 | 1°30 | 22°31 | 7°27 | F 10 |
| S 11 | 15 17 34 | 21°11'34 | 4 Mp 22 | 24°25 | 21°41 | 19°37 | 0°15 | 26° 8 | 18°45 | 8° 0 | 19°56 | 0°30 | 1°27 | 22°37 | 7°30 | S 11 |
| S 12 | 15 21 30 | 22°10'17 | 18°31 | 26°33 | 22°53 | 20°23 | 0°24 | 26° 7 | 18°47 | 7°59 | 19°55 | 0°27 | 1°24 | 22°44 | 7°33 | S 12 |
| M13 | 15 25 27 | 23° 8'57 | 2 ≏ 40 | 28°40 | 24° 6 | 21°10 | 0°32 | 26° 6 | 18°50 | 7°58 | 19°54 | 0°22 | 1°20 | 22°51 | 7°36 | M13 |
| T 14 | 15 29 23 | 24° 7'35 | 16°45 | 0 Ⅱ 47 | 25°19 | 21°57 | 0°41 | 26° 5 | 18°52 | 7°57 | 19°52 | 0°15 | 1°17 | 22°57 | 7°39 | T 14 |
| W15 | 15 33 20 | 25° 6'11 | 0 M .43 | 2°54 | 26°32 | 22°43 | 0°50 | 26° 4 | 18°54 | 7°56 | 19°51 | <u>0°</u> 5 | 1°14 | 23° 4 | 7°42 | W15 |
| T 16 | 15 37 17 | 26° 4'46 | 14°30 | 4°59 | 27°45 | 23°30 | 0°59 | 26° 3 | 18°57 | 7°55 | 19°50 | 29 궁 55 | 1°11 | 23°11 | 7°44 | T 16 |
| F 17 | 15 41 13 | 27° 3'18 | 28° 2 | 7° 4 | 28°58 | 24°16 | 1° 8 | 26° 2 | 18°59 | 7°54 | 19°48 | 29°44 | 1° 8 | 23°17 | 7°47 | F 17 |
| S 18 | 15 45 10 | 28° 1'49 | 11 × 16 | 9° 7 | 0811 | 25° 3 | 1°17 | 26° 1 | 19° 2 | 7°52 | 19°47 | 29°35 | 1° 5 | 23°24 | 7°50 | S 18 |
| S 19 | 15 49 6 | 29° 0'18 | 24°11 | 11° 7 | 1°24 | 25°50 | 1°26 | 25°59 | 19° 4 | 7°51 | 19°46 | 29°28 | 1° 1 | 23°31 | 7°52 | S 19 |
| M20 | 15 53 3 | 29°58'45 | 6 ප 47 | 13° 6 | 2°37 | 26°36 | 1°36 | 25°58 | 19° 7 | 7°50 | 19°45 | 29°23 | 0°58 | 23°37 | 7°55 | M20 |
| T 21 | 15 56 59 | 0 Ⅲ 57'11 | 19° 6 | 15° 2 | 3°50 | 27°23 | 1°45 | 25°57 | 19° 9 | 7°49 | 19°44 | 29°20 | 0°55 | 23°44 | 7°57 | T 21 |
| W22 | 16 0 56 | 1°55'35 | 1≈11 | 16°56 | 5° 3 | 28° 9 | 1°55 | 25°55 | 19°12 | 7°48 | 19°43 | 29°D20 | 0°52 | 23°51 | 8° 0 | W22 |
| T 23 | 16 4 53 | 2°53'57 | 13° 6 | 18°46 | 6°16 | 28°56 | 2° 5 | 25°53 | 19°15 | 7°46 | 19°42 | 29°21 | 0°49 | 23°57 | 8° 2 | T 23 |
| F 24 | 16 8 49 | 3°52'18 | 24°56 | 20°34 | 7°29 | 29°42 | 2°14 | 25°51 | 19°18 | 7°45 | 19°40 | 29°22 | 0°46 | 24° 4 | 8° 5 | F 24 |
| S 25 | 16 12 46 | 4°50'37 | 6) 46 | 22°18 | 8°42 | 0828 | 2°24 | 25°49 | 19°20 | 7°44 | 19°39 | 29°R22 | 0°42 | 24°10 | 8° 7 | S 25 |
| S 26 | 16 16 42 | 5°48'55 | 18°41 | 23°58 | 9°55 | 1°15 | 2°34 | 25°47 | 19°23 | 7°43 | 19°38 | 29°21 | 0°39 | 24°17 | 8° 9 | S 26 |
| M27 | 16 20 39 | 6°47'12 | 0 Υ 46 | 25°35 | 11° 8 | 2° 1 | 2°44 | 25°45 | 19°26 | 7°41 | 19°37 | 29°18 | 0°36 | 24°24 | 8°12 | M27 |
| T 28 | 16 24 35 | 7°45'27 | 13° 7 | 27° 8 | 12°21 | 2°47 | 2°55 | 25°43 | 19°29 | 7°40 | 19°36 | 29°13 | 0°33 | 24°30 | 8°14 | T 28 |
| W29 | 16 28 32 | 8°43'41 | 25°46 | 28°37 | 13°34 | 3°34 | 3° 5 | 25°41 | 19°32 | 7°39 | 19°35 | 29° 6 | 0°30 | 24°37 | 8°16 | W29 |
| T 30 | 16 32 28 | 9°41'53 | 8845 | 099 3 | 14°47 | 4°20 | 3°15 | 25°39 | 19°35 | 7°37 | 19°34 | 28°58 | 0°26 | 24°44 | 8°18 | T 30 |
| F 31 | 16 36 25 | 10∏40′04 | 22 8 5 | 19524 | 16 8 0 | 5 8 6 | 3 Ω 26 | 25 る 36 | 19937 | 7 궁 36 | 19 ≏ 34 | 28 궁 50 | 0≈23 | 24≈50 | 8 Ƴ 20 | F 31 |

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| | | | | | | | | | | | | | | | 00.0 | |
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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| ¥ | В | ß | v | Ç | ę, | Day |
| S 1 | 16 40 22 | 11 川 38'13 | 5 Ⅱ 46 | 29641 | 17813 | 5 8 52 | 3 Ω 36 | 25°R34 | 19 9 40 | 7°R34 | 19°R33 | 28°R42 | 0≈20 | 24≈57 | 8 Υ 23 | S 1 |
| S 2 | 16 44 18 | 12°36'21 | 19°43 | 3°54 | 18°26 | 6°38 | 3°47 | 25 る 31 | 19°43 | 7 云 33 | 19 ≙ 32 | 28 궁 36 | 0°17 | 25° 4 | 8°25 | S 2 |
| M 3 | 16 48 15 | 13°34'27 | 3953 | 5° 3 | 19°39 | 7°25 | 3°58 | 25°29 | 19°46 | 7°32 | 19°31 | 28°31 | 0°14 | 25°10 | 8°27 | M 3 |
| T 4 | 16 52 11 | 14°32'32 | 18°11 | 6° 7 | 20°52 | 8°11 | 4° 9 | 25°26 | 19°50 | 7°30 | 19°30 | 28°29 | 0°11 | 25°17 | 8°29 | T 4 |
| W 5 | 16 56 8 | 15°30'34 | 2Ω 33 | 7° 7 | 22° 6 | 8°57 | 4°20 | 25°23 | 19°53 | 7°29 | 19°30 | 28°D29 | 0° 7 | 25°24 | 8°30 | W 5 |
| T 6 | 17 0 4 | 16°28'35 | 16°53 | 8° 3 | 23°19 | 9°43 | 4°31 | 25°20 | 19°56 | 7°27 | 19°29 | 28°30 | 0° 4 | 25°30 | 8°32 | T 6 |
| F 7 | 17 4 1 | 17°26'35 | 1 m p 1 1 | 8°54 | 24°32 | 10°29 | 4°42 | 25°17 | 19°59 | 7°26 | 19°28 | 28°31 | 0° 1 | 25°37 | 8°34 | F 7 |
| S 8 | 17 7 57 | 18°24'32 | 15°22 | 9°41 | 25°45 | 11°14 | 4°53 | 25°14 | 20° 2 | 7°24 | 19°27 | 28°R32 | 29 궁 58 | 25°44 | 8°36 | S 8 |
| S 9 | 17 11 54 | 19°22'28 | 29°25 | 10°23 | 26°58 | 12° 0 | 5° 4 | 25°11 | 20° 5 | 7°23 | 19°27 | 28°31 | 29°55 | 25°50 | 8°38 | S 9 |
| M10 | 17 15 51 | 20°20'21 | 13 ≏ 20 | 11° 1 | 28°11 | 12°46 | 5°15 | 25° 8 | 20° 8 | 7°21 | 19°26 | 28°29 | 29°52 | 25°57 | 8°39 | M10 |
| T 11 | 17 19 47 | 21°18'14 | 27° 4 | 11°33 | 29°24 | 13°32 | 5°27 | 25° 5 | 20°12 | 7°20 | 19°26 | 28°26 | 29°48 | 26° 4 | 8°41 | T 11 |
| W12 | 17 23 44 | 22°16'04 | 10 M 37 | 12° 1 | 0Д37 | 14°18 | 5°38 | 25° 1 | 20°15 | 7°18 | 19°25 | 28°21 | 29°45 | 26°10 | 8°42 | W12 |
| T 13 | 17 27 40 | 23°13'53 | 23°58 | 12°24 | 1°50 | 15° 3 | 5°50 | 24°58 | 20°18 | 7°17 | 19°24 | 28°15 | 29°42 | 26°17 | 8°44 | T 13 |
| F 14 | 17 31 37 | 24°11'41 | 7 .₹ 5 | 12°43 | 3° 3 | 15°49 | 6° 1 | 24°54 | 20°21 | 7°15 | 19°24 | 28° 9 | 29°39 | 26°24 | 8°45 | F 14 |
| S 15 | 17 35 33 | 25° 9'27 | 19°58 | 12°56 | 4°16 | 16°35 | 6°13 | 24°51 | 20°25 | 7°13 | 19°24 | 28° 4 | 29°36 | 26°30 | 8°47 | S 15 |
| S 16 | 17 39 30 | 26° 7'12 | 2 ප 36 | 13° 5 | 5°30 | 17°20 | 6°25 | 24°47 | 20°28 | 7°12 | 19°23 | 28° 1 | 29°32 | 26°37 | 8°48 | S 16 |
| M17 | 17 43 26 | 27° 4'56 | 15° 0 | 13°R 9 | 6°43 | 18° 6 | 6°37 | 24°44 | 20°31 | 7°10 | 19°23 | 27°59 | 29°29 | 26°44 | 8°49 | M17 |
| T 18 | 17 47 23 | 28° 2'38 | 27°12 | 13° 8 | 7°56 | 18°51 | 6°48 | 24°40 | 20°35 | 7° 9 | 19°22 | 27°D58 | 29°26 | 26°50 | 8°51 | T 18 |
| W19 | 17 51 20 | 29° 0'20 | 9≈12 | 13° 3 | 9° 9 | 19°37 | 7° 0 | 24°36 | 20°38 | 7° 7 | 19°22 | 27°58 | 29°23 | 26°57 | 8°52 | W19 |
| T 20 | 17 55 16 | 29°58'00 | 21° 6 | 12°53 | 10°22 | 20°22 | 7°12 | 24°33 | 20°41 | 7° 5 | 19°22 | 28° 0 | 29°20 | 27° 4 | 8°53 | T 20 |
| F 21 | 17 59 13 | 0955'40 | 2 ∺ 55 | 12°39 | 11°35 | 21° 7 | 7°24 | 24°29 | 20°45 | 7° 4 | 19°21 | 28° 1 | 29°17 | 27°10 | 8°54 | F 21 |
| S 22 | 18 3 9 | 1°53'18 | 14°45 | 12°21 | 12°49 | 21°53 | 7°37 | 24°25 | 20°48 | 7° 2 | 19°21 | 28° 3 | 29°13 | 27°17 | 8°55 | S 22 |
| S 23 | 18 7 6 | 2°50'56 | 26°41 | 12° 0 | 14° 2 | 22°38 | 7°49 | 24°21 | 20°52 | 7° 1 | 19°21 | 28° 4 | 29°10 | 27°24 | 8°56 | S 23 |
| M24 | 18 11 2 | 3°48'32 | 8 Ƴ 46 | 11°36 | 15°15 | 23°23 | 8° 1 | 24°17 | 20°55 | 6°59 | 19°21 | 28°R 4 | 29° 7 | 27°30 | 8°57 | M24 |
| T 25 | 18 14 59 | 4°46'08 | 21° 6 | 11°8 | 16°28 | 24° 8 | 8°13 | 24°13 | 20°59 | 6°57 | 19°21 | 28° 3 | 29° 4 | 27°37 | 8°58 | T 25 |
| W26 | 18 18 55 | 5°43'43 | 3 8 46 | 10°39 | 17°41 | 24°53 | 8°26 | 24° 9 | 21° 2 | 6°56 | 19°21 | 28° 1 | 29° 1 | 27°44 | 8°59 | W26 |
| T 27 | 18 22 52 | 6°41'18 | 16°47 | 10° 7 | 18°55 | 25°38 | 8°38 | 24° 5 | 21° 6 | 6°54 | 19°20 | 27°58 | 28°57 | 27°50 | 9° 0 | T 27 |
| F 28 | 18 26 49 | 7°38'52 | 0 Д 13 | 9°35 | 20° 8 | 26°23 | 8°50 | 24° 1 | 21° 9 | 6°52 | 19°20 | 27°56 | 28°54 | 27°57 | 9° 0 | F 28 |
| S 29 | 18 30 45 | 8°36'25 | 14° 3 | 9° 1 | 21°21 | 27° 8 | 9° 3 | 23°56 | 21°13 | 6°51 | 19°D20 | 27°53 | 28°51 | 28° 4 | 9° 1 | S 29 |
| S 30 | 18 34 42 | 9933'57 | 28耳14 | 8928 | 22 II 34 | 27 8 53 | 9 Ω 15 | 23 궁 52 | 219516 | 6 පි 49 | 19 ≏ 20 | 27 ਰ 51 | 28 궁 48 | 28≈10 | 9 Υ 2 | S 30 |

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| Day | Sid.t | 0 | D | φ | P | ď | 4 | ħ |)∤(| ¥ | Р | n | v | Ç | ę, | Day |
|------|----------|------------------|-----------------|--------|---------------|----------------|---------------|----------------|--------|----------------|----------------|----------------|----------------|---------------|---------------|------|
| M 1 | 18 38 38 | 10931'29 | 129544 | 7°R55 | 23耳48 | 28 8 38 | 9 Ω 28 | 23°R48 | 219520 | 6°R48 | 19 ≏ 20 | 27°R49 | 28 궁 45 | 28≈17 | 9Υ 2 | M 1 |
| T 2 | 18 42 35 | 11°28'59 | 27°26 | 79523 | 25° 1 | 29°23 | 9°41 | 23 궁 44 | 21°23 | 6 පි 46 | 19°21 | 27°D49 | 28°42 | 28°24 | 9° 3 | T 2 |
| W 3 | 18 46 31 | 12°26'29 | 12 Ω 12 | 6°52 | 26°14 | 0 Π 7 | 9°53 | 23°39 | 21°27 | 6°44 | 19°21 | 27 云 49 | 28°38 | 28°30 | 9° 3 | W 3 |
| T 4 | 18 50 28 | 13°23'57 | 26°57 | 6°24 | 27°27 | 0°52 | 10° 6 | 23°35 | 21°30 | 6°43 | 19°21 | 27°50 | 28°35 | 28°37 | 9° 4 | T 4 |
| F 5 | 18 54 25 | 14°21'25 | 11 m y35 | 5°58 | 28°41 | 1°37 | 10°19 | 23°31 | 21°34 | 6°41 | 19°21 | 27°51 | 28°32 | 28°44 | 9° 4 | F 5 |
| S 6 | 18 58 21 | 15°18'51 | 25°59 | 5°35 | 29°54 | 2°21 | 10°31 | 23°26 | 21°37 | 6°40 | 19°21 | 27°52 | 28°29 | 28°50 | 9° 4 | S 6 |
| S 7 | 19 2 18 | 16°16'16 | 10☎ 8 | 5°15 | 195 7 | 3° 6 | 10°44 | 23°22 | 21°41 | 6°38 | 19°21 | 27°R53 | 28°26 | 28°57 | 9° 5 | S 7 |
| M 8 | 19 6 14 | 17°13'41 | 23°59 | 4°59 | 2°21 | 3°50 | 10°57 | 23°18 | 21°45 | 6°36 | 19°22 | 27°53 | 28°23 | 29° 4 | 9° 5 | M 8 |
| T 9 | 19 10 11 | 18°11'04 | 7 M .33 | 4°47 | 3°34 | 4°34 | 11°10 | 23°13 | 21°48 | 6°35 | 19°22 | 27°52 | 28°19 | 29°10 | 9° 5 | T 9 |
| W10 | 19 14 7 | 19° 8'27 | 20°50 | 4°40 | 4°47 | 5°19 | 11°23 | 23° 9 | 21°52 | 6°33 | 19°22 | 27°51 | 28°16 | 29°17 | 9° 5 | W10 |
| T 11 | 19 18 4 | 20° 5'49 | 3 . ₹50 | 4°D36 | 6° 1 | 6° 3 | 11°36 | 23° 4 | 21°55 | 6°32 | 19°23 | 27°50 | 28°13 | 29°24 | 9°R 5 | T 11 |
| F 12 | 19 22 0 | 21° 3'10 | 16°36 | 4°37 | 7°14 | 6°47 | 11°49 | 23° 0 | 21°59 | 6°30 | 19°23 | 27°49 | 28°10 | 29°30 | 9° 5 | F 12 |
| S 13 | 19 25 57 | 22° 0'30 | 29° 9 | 4°43 | 8°27 | 7°31 | 12° 2 | 22°55 | 22° 2 | 6°29 | 19°24 | 27°49 | 28° 7 | 29°37 | 9° 5 | S 13 |
| S 14 | 19 29 54 | 22°57'50 | 11 る 29 | 4°53 | 9°41 | 8°15 | 12°15 | 22°51 | 22° 6 | 6°27 | 19°24 | 27°48 | 28° 4 | 29°44 | 9° 5 | S 14 |
| M15 | 19 33 50 | 23°55'09 | 23°40 | 5° 8 | 10°54 | 8°59 | 12°28 | 22°47 | 22°10 | 6°25 | 19°25 | 27°D48 | 28° 0 | 29°50 | 9° 5 | M15 |
| T 16 | 19 37 47 | 24°52'27 | 5≈41 | 5°28 | 12° 7 | 9°43 | 12°41 | 22°42 | 22°13 | 6°24 | 19°25 | 27°48 | 27°57 | 29°57 | 9° 4 | T 16 |
| W17 | 19 41 43 | 25°49'45 | 17°36 | 5°52 | 13°21 | 10°27 | 12°54 | 22°38 | 22°17 | 6°22 | 19°26 | 27°48 | 27°54 | 0 ∀ 4 | 9° 4 | W17 |
| T 18 | 19 45 40 | 26°47'03 | 29°27 | 6°21 | 14°34 | 11°11 | 13° 8 | 22°33 | 22°20 | 6°21 | 19°26 | 27°48 | 27°51 | 0°10 | 9° 4 | T 18 |
| F 19 | 19 49 36 | 27°44'21 | 11) 16 | 6°55 | 15°48 | 11°55 | 13°21 | 22°29 | 22°24 | 6°19 | 19°27 | 27°R48 | 27°48 | 0°17 | 9° 3 | F 19 |
| S 20 | 19 53 33 | 28°41'38 | 23° 7 | 7°33 | 17° 1 | 12°38 | 13°34 | 22°24 | 22°27 | 6°18 | 19°28 | 27°48 | 27°44 | 0°24 | 9° 3 | S 20 |
| S 21 | 19 57 29 | 29°38'56 | 5 ℃ 3 | 8°16 | 18°15 | 13°22 | 13°47 | 22°20 | 22°31 | 6°16 | 19°28 | 27°48 | 27°41 | 0°30 | 9° 3 | S 21 |
| M22 | 20 1 26 | 0 Ω 36'13 | 17° 8 | 9° 3 | 19°28 | 14° 5 | 14° 1 | 22°16 | 22°35 | 6°15 | 19°29 | 27°48 | 27°38 | 0°37 | 9° 2 | M22 |
| T 23 | 20 5 23 | 1°33'30 | 29°27 | 9°54 | 20°42 | 14°49 | 14°14 | 22°11 | 22°38 | 6°14 | 19°30 | 27°D48 | 27°35 | 0°44 | 9° 1 | T 23 |
| W24 | 20 9 19 | 2°30'48 | 128 3 | 10°50 | 21°55 | 15°32 | 14°27 | 22° 7 | 22°42 | 6°12 | 19°30 | 27°48 | 27°32 | 0°50 | 9° 1 | W24 |
| T 25 | 20 13 16 | 3°28'05 | 25° 1 | 11°50 | 23° 9 | 16°16 | 14°40 | 22° 3 | 22°45 | 6°11 | 19°31 | 27°48 | 27°29 | 0°57 | 9° 0 | T 25 |
| F 26 | 20 17 12 | 4°25'23 | 8П23 | 12°55 | 24°22 | 16°59 | 14°54 | 21°58 | 22°49 | 6° 9 | 19°32 | 27°49 | 27°25 | 1° 4 | 8°59 | F 26 |
| S 27 | 20 21 9 | 5°22'41 | 22°12 | 14° 3 | 25°36 | 17°42 | 15° 7 | 21°54 | 22°52 | 6° 8 | 19°33 | 27°49 | 27°22 | 1°10 | 8°58 | S 27 |
| S 28 | 20 25 5 | 6°19'59 | 6927 | 15°16 | 26°49 | 18°25 | 15°20 | 21°50 | 22°56 | 6° 7 | 19°34 | 27°50 | 27°19 | 1°17 | 8°58 | S 28 |
| M29 | 20 29 2 | 7°17'17 | 21° 4 | 16°32 | 28° 3 | 19° 9 | 15°34 | 21°46 | 22°59 | 6° 5 | 19°35 | 27°R50 | 27°16 | 1°24 | 8°57 | M29 |
| T 30 | 20 32 59 | 8°14'35 | 5 Ω 59 | 17°53 | 29°17 | 19°52 | 15°47 | 21°41 | 23° 3 | 6° 4 | 19°36 | 27°50 | 27°13 | 1°30 | 8°56 | T 30 |
| W31 | 20 36 55 | 9Ω11'53 | 210 4 | 199517 | 0 Ω 30 | 20 Ⅱ 34 | 16 Ω 1 | 21 궁 37 | 2395 6 | 6 ප 3 | 19 ≙ 37 | 27 궁 50 | 27 궁 10 | 1 ∺ 37 | 8 Ƴ 55 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)f(| # | Р | r | Ω | Ç | ç | Day |
|------|----------|------------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------|---------------|----------------|----------------|----------------|-----------------|---------------|------|
| T 1 | 20 40 52 | 100 9'11 | 6 m 10 | 209546 | 1 Ω 44 | 21 I I7 | 16 Ω 14 | 21°R33 | 239510 | 6°R 1 | 19 ≏ 38 | 27°R49 | 27중 6 | 1) (44 | 8°R54 | T 1 |
| F 2 | 20 44 48 | 11° 6'29 | 21° 7 | 22°18 | 2°57 | 22° 0 | 16°27 | 21 궁 29 | 23°13 | 6 වි | 19°39 | 27 云 47 | 27° 3 | 1°50 | 8 Ƴ 53 | F 2 |
| S 3 | 20 48 45 | 12° 3'47 | 5 ≙ 50 | 23°54 | 4°11 | 22°43 | 16°41 | 21°25 | 23°17 | 5°59 | 19°40 | 27°46 | 27° 0 | 1°57 | 8°51 | S 3 |
| S 4 | 20 52 41 | 13° 1'04 | 20°11 | 25°33 | 5°25 | 23°25 | 16°54 | 21°21 | 23°20 | 5°58 | 19°41 | 27°44 | 26°57 | 2° 4 | 8°50 | S 4 |
| M 5 | 20 56 38 | 13°58'22 | 4M 8 | 27°16 | 6°39 | 24° 8 | 17° 8 | 21°17 | 23°23 | 5°56 | 19°42 | 27°43 | 26°54 | 2°10 | 8°49 | M 5 |
| T 6 | 21 0 34 | 14°55'39 | 17°41 | 29° 3 | 7°52 | 24°50 | 17°21 | 21°13 | 23°27 | 5°55 | 19°43 | 27°D43 | 26°50 | 2°17 | 8°48 | T 6 |
| W 7 | 21 431 | 15°52'57 | 0 才 51 | 0Ω 52 | 9° 6 | 25°33 | 17°35 | 21° 9 | 23°30 | 5°54 | 19°45 | 27°44 | 26°47 | 2°24 | 8°46 | W 7 |
| T 8 | 21 8 28 | 16°50'14 | 13°40 | 2°45 | 10°20 | 26°15 | 17°48 | 21° 6 | 23°34 | 5°53 | 19°46 | 27°45 | 26°44 | 2°30 | 8°45 | T 8 |
| F 9 | 21 12 24 | 17°47'32 | 26°12 | 4°40 | 11°33 | 26°57 | 18° 1 | 21° 2 | 23°37 | 5°52 | 19°47 | 27°46 | 26°41 | 2°37 | 8°43 | F 9 |
| S 10 | 21 16 21 | 18°44'49 | 8 云 30 | 6°38 | 12°47 | 27°40 | 18°15 | 20°58 | 23°40 | 5°51 | 19°48 | 27°48 | 26°38 | 2°44 | 8°42 | S 10 |
| S 11 | 21 20 17 | 19°42'07 | 20°37 | 8°38 | 14° 1 | 28°22 | 18°28 | 20°55 | 23°44 | 5°50 | 19°50 | 27°49 | 26°35 | 2°50 | 8°40 | S 11 |
| M12 | 21 24 14 | 20°39'25 | 2≈36 | 10°40 | 15°15 | 29° 4 | 18°42 | 20°51 | 23°47 | 5°49 | 19°51 | 27°R49 | 26°31 | 2°57 | 8°39 | M12 |
| T 13 | 21 28 10 | 21°36'43 | 14°30 | 12°44 | 16°28 | 29°46 | 18°55 | 20°48 | 23°50 | 5°48 | 19°52 | 27°48 | 26°28 | 3° 4 | 8°37 | T 13 |
| W14 | 21 32 7 | 22°34'02 | 26°20 | 14°49 | 17°42 | 0928 | 19° 9 | 20°44 | 23°53 | 5°47 | 19°54 | 27°45 | 26°25 | 3°10 | 8°35 | W14 |
| T 15 | 21 36 3 | 23°31'21 | 8) 10 | 16°55 | 18°56 | 1° 9 | 19°22 | 20°41 | 23°57 | 5°46 | 19°55 | 27°42 | 26°22 | 3°17 | 8°34 | T 15 |
| F 16 | 21 40 0 | 24°28'40 | 20° 0 | 19° 2 | 20°10 | 1°51 | 19°35 | 20°37 | 24° 0 | 5°45 | 19°57 | 27°38 | 26°19 | 3°24 | 8°32 | F 16 |
| S 17 | 21 43 57 | 25°26'01 | 1 Ƴ 54 | 21° 9 | 21°24 | 2°33 | 19°49 | 20°34 | 24° 3 | 5°44 | 19°58 | 27°33 | 26°15 | 3°30 | 8°30 | S 17 |
| S 18 | 21 47 53 | 26°23'21 | 13°53 | 23°16 | 22°38 | 3°14 | 20° 2 | 20°31 | 24° 6 | 5°43 | 20° 0 | 27°29 | 26°12 | 3°37 | 8°28 | S 18 |
| M19 | 21 51 50 | 27°20'43 | 26° 1 | 25°24 | 23°52 | 3°56 | 20°16 | 20°28 | 24° 9 | 5°42 | 20° 1 | 27°25 | 26° 9 | 3°44 | 8°26 | M19 |
| T 20 | 21 55 46 | 28°18'06 | 8821 | 27°30 | 25° 5 | 4°37 | 20°29 | 20°25 | 24°12 | 5°41 | 20° 3 | 27°22 | 26° 6 | 3°50 | 8°25 | T 20 |
| W21 | 21 59 43 | 29°15'29 | 20°55 | 29°36 | 26°19 | 5°18 | 20°42 | 20°22 | 24°15 | 5°40 | 20° 4 | 27°20 | 26° 3 | 3°57 | 8°23 | W21 |
| T 22 | 22 3 39 | 0 Mp 12'54 | 3 Ⅱ 49 | 1 m 41 | 27°33 | 6° 0 | 20°56 | 20°19 | 24°19 | 5°40 | 20° 6 | 27°D20 | 26° 0 | 4° 4 | 8°21 | T 22 |
| F 23 | 22 7 36 | 1°10'19 | 17° 4 | 3°46 | 28°47 | 6°41 | 21° 9 | 20°16 | 24°22 | 5°39 | 20° 8 | 27°21 | 25°56 | 4°10 | 8°19 | F 23 |
| S 24 | 22 11 32 | 2° 7'46 | 0945 | 5°49 | 0 Mp 1 | 7°22 | 21°22 | 20°13 | 24°25 | 5°38 | 20° 9 | 27°22 | 25°53 | 4°17 | 8°17 | S 24 |
| S 25 | 22 15 29 | 3° 5'14 | 14°52 | 7°51 | 1°15 | 8° 3 | 21°36 | 20°11 | 24°28 | 5°37 | 20°11 | 27°23 | 25°50 | 4°24 | 8°14 | S 25 |
| M26 | 22 19 26 | 4° 2'42 | 29°24 | 9°51 | 2°29 | 8°44 | 21°49 | 20° 8 | 24°31 | 5°37 | 20°12 | 27°R24 | 25°47 | 4°30 | 8°12 | M26 |
| T 27 | 22 23 22 | 5° 0'12 | 14 Ω 18 | 11°50 | 3°43 | 9°24 | 22° 2 | 20° 6 | 24°33 | 5°36 | 20°14 | 27°23 | 25°44 | 4°37 | 8°10 | T 27 |
| W28 | 22 27 19 | 5°57'42 | 29°27 | 13°48 | 4°57 | 10° 5 | 22°15 | 20° 3 | 24°36 | 5°36 | 20°16 | 27°20 | 25°41 | 4°44 | 8° 8 | W28 |
| T 29 | 22 31 15 | 6°55'14 | 14 M p41 | 15°44 | 6°11 | 10°46 | 22°28 | 20° 1 | 24°39 | 5°35 | 20°18 | 27°16 | 25°37 | 4°50 | 8° 6 | T 29 |
| F 30 | 22 35 12 | 7°52'46 | 29°52 | 17°38 | 7°25 | 11°26 | 22°42 | 19°59 | 24°42 | 5°34 | 20°19 | 27°10 | 25°34 | 4°57 | 8° 3 | F 30 |
| S 31 | 22 39 8 | 8 m 50'19 | 14 ≏ 48 | 19 m 32 | 8 m /40 | 1295 7 | 22 N 55 | 19 궁 56 | 249545 | 5 る 34 | 20 ≏ 21 | 27중 4 | 25 궁 31 | 5) 4 | 8 Υ 1 | S 31 |

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| Day | Sid.t | 0 | D | ğ | Q | ð | 4 | ħ |)∤(| ¥ | В | P | v | Ç | o k | Day |
|------|----------|------------------|----------------|---------------|----------------|---------------|----------------|----------------|--------|---------------|----------------|----------------|----------------|---------------|---------------|------|
| S 1 | 22 43 5 | 9 m 47'53 | 29 ॒ 22 | 21 m/23 | 9 m 54 | 129547 | 23 N 8 | 19°R54 | 249548 | 5°R33 | 20 <u>₽</u> 23 | 26°R58 | 25 る 28 | 5 米 10 | 7°R59 | S 1 |
| M 2 | 22 47 1 | 10°45'27 | 13 M 29 | 23°13 | 11° 8 | 13°27 | 23°21 | 19 る 52 | 24°50 | 5 云 33 | 20°25 | 26 궁 54 | 25°25 | 5°17 | 7 Y 56 | M 2 |
| T 3 | 22 50 58 | 11°43'03 | 27° 7 | 25° 2 | 12°22 | 14° 7 | 23°34 | 19°50 | 24°53 | 5°33 | 20°27 | 26°51 | 25°21 | 5°24 | 7°54 | T 3 |
| W 4 | 22 54 54 | 12°40'39 | 10 × 18 | 26°48 | 13°36 | 14°47 | 23°47 | 19°49 | 24°56 | 5°32 | 20°29 | 26°D50 | 25°18 | 5°30 | 7°52 | W 4 |
| T 5 | 22 58 51 | 13°38'16 | 23° 4 | 28°34 | 14°50 | 15°27 | 24° 0 | 19°47 | 24°58 | 5°32 | 20°30 | 26°50 | 25°15 | 5°37 | 7°49 | T 5 |
| F 6 | 23 2 48 | 14°35'53 | 5 云 30 | 0 ჲ 18 | 16° 4 | 16° 7 | 24°13 | 19°45 | 25° 1 | 5°31 | 20°32 | 26°51 | 25°12 | 5°44 | 7°47 | F 6 |
| S 7 | 23 6 44 | 15°33'32 | 17°41 | 2° 0 | 17°18 | 16°47 | 24°26 | 19°44 | 25° 4 | 5°31 | 20°34 | 26°53 | 25° 9 | 5°51 | 7°44 | S 7 |
| S 8 | 23 10 41 | 16°31'12 | 29°40 | 3°41 | 18°33 | 17°27 | 24°39 | 19°42 | 25° 6 | 5°31 | 20°36 | 26°R53 | 25° 6 | 5°57 | 7°42 | S 8 |
| M 9 | 23 14 37 | 17°28'52 | 11 ≈ 33 | 5°21 | 19°47 | 18° 6 | 24°52 | 19°41 | 25° 9 | 5°31 | 20°38 | 26°52 | 25° 2 | 6° 4 | 7°39 | M 9 |
| T 10 | 23 18 34 | 18°26'33 | 23°22 | 6°59 | 21° 1 | 18°46 | 25° 5 | 19°40 | 25°11 | 5°30 | 20°40 | 26°48 | 24°59 | 6°11 | 7°37 | T 10 |
| W11 | 23 22 30 | 19°24'16 | 5) 11 | 8°35 | 22°15 | 19°25 | 25°17 | 19°38 | 25°14 | 5°30 | 20°42 | 26°43 | 24°56 | 6°17 | 7°34 | W11 |
| T 12 | 23 26 27 | 20°22'00 | 17° 2 | 10°10 | 23°29 | 20° 4 | 25°30 | 19°37 | 25°16 | 5°30 | 20°44 | 26°35 | 24°53 | 6°24 | 7°31 | T 12 |
| F 13 | 23 30 23 | 21°19'45 | 28°57 | 11°44 | 24°43 | 20°43 | 25°43 | 19°36 | 25°18 | 5°30 | 20°46 | 26°25 | 24°50 | 6°31 | 7°29 | F 13 |
| S 14 | 23 34 20 | 22°17'31 | 10 Y 58 | 13°16 | 25°58 | 21°22 | 25°56 | 19°35 | 25°21 | 5°30 | 20°48 | 26°15 | 24°47 | 6°37 | 7°26 | S 14 |
| S 15 | 23 38 17 | 23°15'18 | 23° 5 | 14°47 | 27°12 | 22° 1 | 26° 8 | 19°35 | 25°23 | 5°30 | 20°50 | 26° 4 | 24°43 | 6°44 | 7°23 | S 15 |
| M16 | 23 42 13 | 24°13'08 | 5 8 21 | 16°16 | 28°26 | 22°40 | 26°21 | 19°34 | 25°25 | 5°D30 | 20°52 | 25°55 | 24°40 | 6°51 | 7°21 | M16 |
| T 17 | 23 46 10 | 25°10'58 | 17°47 | 17°44 | 29°40 | 23°19 | 26°33 | 19°33 | 25°27 | 5°30 | 20°54 | 25°47 | 24°37 | 6°57 | 7°18 | T 17 |
| W18 | 23 50 6 | 26° 8'51 | 0П26 | 19°11 | 0 ≏ 55 | 23°58 | 26°46 | 19°33 | 25°30 | 5°30 | 20°56 | 25°42 | 24°34 | 7° 4 | 7°15 | W18 |
| T 19 | 23 54 3 | 27° 6'45 | 13°19 | 20°36 | 2° 9 | 24°36 | 26°58 | 19°32 | 25°32 | 5°30 | 20°59 | 25°39 | 24°31 | 7°11 | 7°13 | T 19 |
| F 20 | 23 57 59 | 28° 4'41 | 26°31 | 21°59 | 3°23 | 25°15 | 27°11 | 19°32 | 25°34 | 5°30 | 21° 1 | 25°D38 | 24°27 | 7°17 | 7°10 | F 20 |
| S 21 | 0 1 56 | 29° 2'38 | 1095 4 | 23°21 | 4°37 | 25°53 | 27°23 | 19°32 | 25°36 | 5°30 | 21° 3 | 25°38 | 24°24 | 7°24 | 7° 7 | S 21 |
| S 22 | 0 5 52 | 0 ჲ 0'38 | 23°59 | 24°42 | 5°52 | 26°31 | 27°35 | 19°32 | 25°38 | 5°30 | 21° 5 | 25°R39 | 24°21 | 7°31 | 7° 5 | S 22 |
| M23 | 0 9 49 | 0°58'39 | 8 N 18 | 26° 0 | 7° 6 | 27° 9 | 27°47 | 19°D32 | 25°40 | 5°30 | 21° 7 | 25°38 | 24°18 | 7°37 | 7° 2 | M23 |
| T 24 | 0 13 46 | 1°56'42 | 22°58 | 27°18 | 8°20 | 27°47 | 28° 0 | 19°32 | 25°42 | 5°31 | 21° 9 | 25°36 | 24°15 | 7°44 | 6°59 | T 24 |
| W25 | 0 17 42 | 2°54'46 | 7 m 56 | 28°33 | 9°35 | 28°25 | 28°12 | 19°32 | 25°44 | 5°31 | 21°11 | 25°31 | 24°12 | 7°51 | 6°56 | W25 |
| T 26 | 0 21 39 | 3°52'52 | 23° 4 | 29°47 | 10°49 | 29° 3 | 28°24 | 19°32 | 25°45 | 5°31 | 21°14 | 25°23 | 24° 8 | 7°57 | 6°53 | T 26 |
| F 27 | 0 25 35 | 4°51'00 | 8 ₾ 13 | 0 M 59 | 12° 3 | 29°40 | 28°36 | 19°32 | 25°47 | 5°32 | 21°16 | 25°14 | 24° 5 | 8° 4 | 6°51 | F 27 |
| S 28 | 0 29 32 | 5°49'10 | 23°11 | 2° 9 | 13°18 | 0 Ω 18 | 28°48 | 19°33 | 25°49 | 5°32 | 21°18 | 25° 3 | 24° 2 | 8°11 | 6°48 | S 28 |
| S 29 | 0 33 28 | 6°47'20 | 7 M 50 | 3°17 | 14°32 | 0°55 | 29° 0 | 19°34 | 25°51 | 5°32 | 21°20 | 24°53 | 23°59 | 8°17 | 6°45 | S 29 |
| M30 | 0 37 25 | 7 ≏ 45'33 | 22M 3 | 4ML23 | 15 ≏ 46 | 1 Ω 33 | 29 Ω 11 | 19 る 34 | 25952 | 5 る 33 | 21 ≏ 22 | 24 궁 45 | 23 궁 56 | 8 ∺ 24 | 6 Υ 42 | M30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)f(| # | Р | r | Ω | Ç | ç | Day |
|------|---------|------------------|----------------|----------------|-----------------|----------------|----------------|----------------|--------|---------------|----------------|----------------|----------------|----------------|---------------|------|
| T 1 | 0 41 21 | 8 ≏ 43'47 | 5 , 747 | 5M26 | 17 ♀ 1 | 2 Ω 10 | 29 £ 23 | 19 궁 35 | 259554 | 5 る 33 | 21 ≏ 25 | 24°R38 | 23 궁 52 | 8) (31 | 6°R40 | T 1 |
| W 2 | 0 45 18 | 9°42'02 | 19° 2 | 6°28 | 18°15 | 2°47 | 29°35 | 19°36 | 25°55 | 5°34 | 21°27 | 24 궁 35 | 23°49 | 8°38 | 6 Ƴ 37 | W 2 |
| T 3 | 0 49 15 | 10°40'19 | 1 る 50 | 7°26 | 19°30 | 3°24 | 29°46 | 19°37 | 25°57 | 5°34 | 21°29 | 24°33 | 23°46 | 8°44 | 6°34 | T 3 |
| F 4 | 0 53 11 | 11°38'37 | 14°16 | 8°23 | 20°44 | 4° 0 | 29°58 | 19°38 | 25°58 | 5°35 | 21°31 | 24°D33 | 23°43 | 8°51 | 6°31 | F 4 |
| S 5 | 0 57 8 | 12°36'57 | 26°25 | 9°16 | 21°58 | 4°37 | 0 m) 9 | 19°39 | 26° 0 | 5°35 | 21°34 | 24°R33 | 23°40 | 8°58 | 6°29 | S 5 |
| S 6 | 1 1 4 | 13°35'18 | 8≈23 | 10° 6 | 23°13 | 5°13 | 0°21 | 19°40 | 26° 1 | 5°36 | 21°36 | 24°32 | 23°37 | 9° 4 | 6°26 | S 6 |
| M 7 | 1 5 1 | 14°33'41 | 20°13 | 10°53 | 24°27 | 5°50 | 0°32 | 19°41 | 26° 2 | 5°37 | 21°38 | 24°30 | 23°33 | 9°11 | 6°23 | M 7 |
| T 8 | 1 8 57 | 15°32'05 | 2) 2 | 11°37 | 25°41 | 6°26 | 0°43 | 19°43 | 26° 4 | 5°37 | 21°40 | 24°25 | 23°30 | 9°18 | 6°20 | T 8 |
| W 9 | 1 12 54 | 16°30'30 | 13°52 | 12°16 | 26°56 | 7° 2 | 0°55 | 19°44 | 26° 5 | 5°38 | 21°43 | 24°17 | 23°27 | 9°24 | 6°18 | W 9 |
| T 10 | 1 16 50 | 17°28'58 | 25°47 | 12°52 | 28°10 | 7°38 | 1° 6 | 19°46 | 26° 6 | 5°39 | 21°45 | 24° 7 | 23°24 | 9°31 | 6°15 | T 10 |
| F 11 | 1 20 47 | 18°27'27 | 7 Υ 50 | 13°23 | 29°25 | 8°14 | 1°17 | 19°48 | 26° 7 | 5°40 | 21°47 | 23°54 | 23°21 | 9°38 | 6°12 | F 11 |
| S 12 | 1 24 43 | 19°25'57 | 20° 0 | 13°50 | 0 M .39 | 8°50 | 1°28 | 19°50 | 26° 8 | 5°41 | 21°49 | 23°40 | 23°18 | 9°44 | 6°10 | S 12 |
| S 13 | 1 28 40 | 20°24'30 | 2820 | 14°11 | 1°53 | 9°25 | 1°38 | 19°52 | 26° 9 | 5°41 | 21°52 | 23°27 | 23°14 | 9°51 | 6° 7 | S 13 |
| M14 | 1 32 37 | 21°23'05 | 14°50 | 14°27 | 3° 8 | 10° 0 | 1°49 | 19°54 | 26°10 | 5°42 | 21°54 | 23°14 | 23°11 | 9°58 | 6° 4 | M14 |
| T 15 | 1 36 33 | 22°21'41 | 27°30 | 14°37 | 4°22 | 10°36 | 2° 0 | 19°56 | 26°11 | 5°43 | 21°56 | 23° 4 | 23° 8 | 10° 4 | 6° 2 | T 15 |
| W16 | 1 40 30 | 23°20'20 | 10 Ⅲ 21 | 14°R41 | 5°37 | 11°11 | 2°10 | 19°58 | 26°12 | 5°44 | 21°58 | 22°56 | 23° 5 | 10°11 | 5°59 | W16 |
| T 17 | 1 44 26 | 24°19'01 | 23°24 | 14°39 | 6°51 | 11°46 | 2°21 | 20° 0 | 26°13 | 5°45 | 22° 1 | 22°51 | 23° 2 | 10°18 | 5°57 | T 17 |
| F 18 | 1 48 23 | 25°17'43 | 69340 | 14°29 | 8° 5 | 12°21 | 2°31 | 20° 2 | 26°13 | 5°46 | 22° 3 | 22°49 | 22°58 | 10°24 | 5°54 | F 18 |
| S 19 | 1 52 19 | 26°16'28 | 20°12 | 14°13 | 9°20 | 12°55 | 2°42 | 20° 5 | 26°14 | 5°47 | 22° 5 | 22°49 | 22°55 | 10°31 | 5°51 | S 19 |
| S 20 | 1 56 16 | 27°15'16 | 4 Ω 0 | 13°49 | 10°34 | 13°30 | 2°52 | 20° 7 | 26°15 | 5°48 | 22° 8 | 22°49 | 22°52 | 10°38 | 5°49 | S 20 |
| M21 | 2 0 12 | 28°14'05 | 18° 6 | 13°17 | 11°49 | 14° 4 | 3° 2 | 20°10 | 26°15 | 5°49 | 22°10 | 22°48 | 22°49 | 10°45 | 5°46 | M21 |
| T 22 | 2 4 9 | 29°12'57 | 2 m 29 | 12°38 | 13° 3 | 14°38 | 3°12 | 20°13 | 26°16 | 5°50 | 22°12 | 22°45 | 22°46 | 10°51 | 5°44 | T 22 |
| W23 | 2 8 6 | 0ML11'50 | 17° 8 | 11°52 | 14°17 | 15°12 | 3°22 | 20°16 | 26°16 | 5°52 | 22°14 | 22°39 | 22°43 | 10°58 | 5°41 | W23 |
| T 24 | 2 12 2 | 1°10'46 | 1 ≏ 55 | 10°59 | 15°32 | 15°46 | 3°32 | 20°19 | 26°17 | 5°53 | 22°17 | 22°31 | 22°39 | 11° 5 | 5°39 | T 24 |
| F 25 | 2 15 59 | 2° 9'44 | 16°46 | 10° 1 | 16°46 | 16°20 | 3°41 | 20°22 | 26°17 | 5°54 | 22°19 | 22°21 | 22°36 | 11°11 | 5°37 | F 25 |
| S 26 | 2 19 55 | 3° 8'44 | 1 M .30 | 8°57 | 18° 1 | 16°53 | 3°51 | 20°25 | 26°17 | 5°55 | 22°21 | 22° 9 | 22°33 | 11°18 | 5°34 | S 26 |
| S 27 | 2 23 52 | 4° 7'46 | 16° 0 | 7°50 | 19°15 | 17°26 | 4° 0 | 20°28 | 26°18 | 5°56 | 22°23 | 21°58 | 22°30 | 11°25 | 5°32 | S 27 |
| M28 | 2 27 48 | 5° 6'50 | 0 才 8 | 6°41 | 20°30 | 17°59 | 4°10 | 20°31 | 26°18 | 5°58 | 22°25 | 21°48 | 22°27 | 11°31 | 5°30 | M28 |
| T 29 | 2 31 45 | 6° 5'56 | 13°51 | 5°31 | 21°44 | 18°32 | 4°19 | 20°35 | 26°18 | 5°59 | 22°28 | 21°41 | 22°24 | 11°38 | 5°27 | T 29 |
| W30 | 2 35 41 | 7° 5'03 | 27° 8 | 4°23 | 22°59 | 19° 5 | 4°28 | 20°38 | 26°18 | 6° 0 | 22°30 | 21°36 | 22°20 | 11°45 | 5°25 | W30 |
| T 31 | 2 39 38 | 8 M 4'13 | 9 궁 59 | 3 M .18 | 24 IL 13 | 19 Ω 38 | 4 Mp 37 | 20 궁 41 | 269518 | 6 ප 2 | 22 ₾ 32 | 21 궁 34 | 22 궁 17 | 11 米 51 | 5 ℃ 23 | T 31 |

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| Day | Sid.t | 0 | D | ğ | Q | ď | 4 | ħ |)∤(| ¥ | В | P | v | Ç | o k | Day |
|--------------|-------------------|--------------------------------|-------------------------|-----------------|----------------|-----------------|--------------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|--------------|
| F 1 | 2 43 35 | 9M 3'24 | 22 る 28 | 2°R18 | 25 M 27 | 20Ω10 | 4 Mp 46 | 20 ප් 45 | 26°R18 | 6 ප 3 | 22 ≏ 34 | 21°D33 | 22 七 14 | 11 米 58 | 5°R21 | F 1 |
| S 2 | 2 47 31 | 10° 2'37 | 4≈39 | 1ML26 | 26°42 | 20°42 | 4°55 | 20°49 | 269518 | 6° 5 | 22°37 | 21°R33 | 22°11 | 12° 5 | 5 Υ 19 | S 2 |
| S 3 | 2 51 28 | 11° 1'51 | 16°37 | 0°42 | 27°56 | 21°14 | 5° 4 | 20°53 | 26°18 | 6° 6 | 22°39 | 21 궁 33 | 22° 8 | 12°12 | 5°16 | S 3 |
| M 4 | 2 55 24 | 12° 1'07 | 28°29 | 0° 8 | 29°11 | 21°46 | 5°12 | 20°56 | 26°18 | 6° 8 | 22°41 | 21°32 | 22° 4 | 12°18 | 5°14 | M 4 |
| T 5 | 2 59 21 | 13° 0'25 | 10 ∺ 18 | 29 <u>₽</u> 44 | 0 ₹ 25 | 22°18 | 5°21 | 21° 0 | 26°18 | 6° 9 | 22°43 | 21°28 | 22° 1 | 12°25 | 5°12 | T 5 |
| W 6 T 7 | 3 3 17 3 7 14 | 13°59'44 14°59'05 | 22°11 4 Y 10 | 29°30 29°D28 | 1°40 2°54 | 22°49 23°20 | 5°29 5°37 | 21° 4 21° 8 | 26°18 26°17 | 6°11 6°12 | 22°45 22°47 | 21°22 21°14 | 21°58 21°55 | 12°32 12°38 | 5°10 5°8 | W 6 T 7 |
| F 8 | 3 11 10 | 14°59'05 15°58'28 | 16°20 | 29°37 | 4° 8 | 23°51 | 5°45 | 21° 8 21°13 | 26°17 26°17 | 6°14 | 22°50 | 21°14 21° 3 | 21°53 | 12°38 | 5° 6 | F 8 |
| S 9 | 3 11 10 | 15° 57' 53 | 28°41 | 29°56 | 5°23 | 24°22 | 5°53 | 21°17 | 26°17 | 6°15 | 22°52 | 20°52 | 21°49 | 12°52 | 5° 5 | S 9 |
| S 10 | | 17°57'20 | | 0ML26 | 6°37 | 24°52 | 6° 1 | 21°21 | 26°16 | 6°17 | 22°54 | 20°40 | 21°45 | 12°58 | 5° 3 | S 10 |
| M11 | 3 19 4 3 23 0 | 1/3/20 18°56'48 | 11 8 15 24° 3 | 1° 4 | 7°52 | 24°32 25°22 | 6° 9 | 21°26 | 26°16 | 6°17 | 22°56 | 20°40 20°29 | 21°43 21°42 | 12°58 13° 5 | 5° 1 | M11 |
| T 12 | 3 26 57 | 19°56'19 | 7 I 3 | 1°51 | 9° 6 | 25°53 | 6°16 | 21°30 | 26°15 | 6°20 | 22°58 | 20°20 | 21°39 | 13°12 | 4°59 | T 12 |
| W13 | 3 30 53 | 20°55'52 | 20°14 | 2°46 | 10°20 | 26°22 | 6°24 | 21°35 | 26°14 | 6°22 | 23° 0 | 20°14 | 21°36 | 13°18 | 4°57 | W13 |
| T 14 | 3 34 50 | 21°55'26 | 3936 | 3°48 | 11°35 | 26°52 | 6°31 | 21°39 | 26°14 | 6°24 | 23° 2 | 20°10 | 21°33 | 13°25 | 4°56 | T 14 |
| F 15 | 3 38 46 | 22°55'03 | 17° 9 | 4°56 | 12°49 | 27°21 | 6°38 | 21°44 | 26°13 | 6°25 | 23° 4 | 20°D 9 | 21°30 | 13°32 | 4°54 | F 15 |
| S 16 | 3 42 43 | 23°54'42 | 0 Ω 51 | 6° 9 | 14° 4 | 27°50 | 6°45 | 21°49 | 26°12 | 6°27 | 23° 6 | 20° 9 | 21°26 | 13°39 | 4°53 | S 16 |
| S 17 | 3 46 39 | 24°54'24 | 14°43 | 7°27 | 15°18 | 28°19 | 6°52 | 21°53 | 26°12 | 6°29 | 23° 8 | 20°10 | 21°23 | 13°45 | 4°51 | S 17 |
| M18 | 3 50 36 | 25°54'07 | 28°45 | 8°48 | 16°32 | 28°48 | 6°58 | 21°58 | 26°11 | 6°31 | 23°10 | 20°R11 | 21°20 | 13°52 | 4°50 | M18 |
| T 19 | 3 54 33 | 26°53'53 | 12 m 57 | 10°13 | 17°47 | 29°16 | 7° 5 | 22° 3 | 26°10 | 6°33 | 23°12 | 20° 9 | 21°17 | 13°59 | 4°48 | T 19 |
| W20 | 3 58 29 | 27°53'40 | 27°15 | 11°41 | 19° 1 | 29°44 | 7°11 | 22° 8 | 26° 9 | 6°34 | 23°14 | 20° 6 | 21°14 | 14° 5 | 4°47 | W20 |
| T 21 F 22 | 4 2 26 4 6 22 | 28°53'30 29°53'22 | 11 Ω 38 26° 2 | 13°11 14°43 | 20°16 21°30 | 0 Mp 12 0°40 | 7°17 7°24 | 22°13 22°19 | 26° 8 26° 7 | 6°36 6°38 | 23°16 23°18 | 20° 1 19°53 | 21°10 21° 7 | 14°12 14°19 | 4°45 4°44 | T 21 F 22 |
| S 23 | 4 6 22 4 10 19 | 29°53°22 0 × 7'53'16 | 10M20 | 16°17 | 21°30 22°44 | 1° 7 | 7°24 7°29 | 22°24 | 26° 6 | 6°40 | 23°18 23°20 | 19°53 | 21° / 21° 4 | 14°19 | 4°44 4°43 | S 23 |
| | | | | | | - , | | | | | | | | | | |
| S 24 | 4 14 15 | 1°53'13 | 24°27 | 17°51 | 23°59 | 1°34 | 7°35 | 22°29 | 26° 4 | 6°42 | 23°22 | 19°37 | 21° 1 | 14°32 | 4°42 | S 24 |
| M25 T 26 | 4 18 12 4 22 8 | 2°53'11 3°53'11 | 8 ₹ 18 21°50 | 19°27 21° 3 | 25°13 26°28 | 2° 0 2°27 | 7°41 7°46 | 22°34 22°40 | 26° 3 26° 2 | 6°44 6°46 | 23°24 23°25 | 19°30 19°25 | 20°58 20°55 | 14°39 14°45 | 4°41 4°40 | M25 T 26 |
| W27 | 4 22 8 4 26 5 | 4°53'12 | 5 궁 0 | 21°30 | 20 28 27°42 | 2°53 | 7°52 | 22°45 | 26° 2 | 6°48 | 23°27 | 19°23 | 20°51 | 14 43 14°52 | 4°39 | W27 |
| T 28 | 4 30 2 | 5°53'15 | 17°48 | 24°17 | 28°56 | 3°18 | 7°57 | 22°51 | 25°59 | 6°50 | 23°29 | 19°D21 | 20°48 | 14°59 | 4°38 | T 28 |
| F 29 | 4 33 58 | 6°53'20 | 0≈17 | 25°55 | 0 ප 11 | 3°44 | 8° 2 | 22°57 | 25°58 | 6°52 | 23°31 | 19°21 | 20°45 | 15° 6 | 4°37 | F 29 |
| S 30 | 4 37 55 | 7 , ₹753′26 | 12≈29 | 27 M 33 | 1පි25 | 4Mp 9 | 8M) 6 | 23る 2 | 25957 | 6 පි 54 | 23 ₽ 33 | 19 ිට 22 | 20 ප් 42 | 15 ¥ 12 | 4 Υ36 | S 30 |

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|------|---------|-------------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|--------------|------|
| S 1 | 4 41 51 | 8 . 753'34 | 24≈29 | 29 M .10 | 2 ප් 40 | 4 Mp 34 | 8 m)11 | 23 궁 8 | 25°R55 | 6 පි 56 | 23 ≏ 34 | 19 る 24 | 20 궁 39 | 15 米 19 | 4°R35 | S 1 |
| M 2 | 4 45 48 | 9°53'43 | 6 ∺ 22 | 0 ∡ 748 | 3°54 | 4°58 | 8°15 | 23°14 | 259554 | 6°58 | 23°36 | 19°R25 | 20°36 | 15°26 | 4 Υ34 | M 2 |
| T 3 | 4 49 44 | 10°53'54 | 18°13 | 2°25 | 5° 8 | 5°22 | 8°20 | 23°19 | 25°52 | 7° 0 | 23°38 | 19°25 | 20°32 | 15°32 | 4°33 | T 3 |
| W 4 | 4 53 41 | 11°54'06 | 0 Υ 7 | 4° 3 | 6°23 | 5°46 | 8°24 | 23°25 | 25°50 | 7° 2 | 23°39 | 19°23 | 20°29 | 15°39 | 4°33 | W 4 |
| T 5 | 4 57 37 | 12°54'19 | 12° 8 | 5°40 | 7°37 | 6° 9 | 8°28 | 23°31 | 25°49 | 7° 4 | 23°41 | 19°19 | 20°26 | 15°46 | 4°32 | T 5 |
| F 6 | 5 1 34 | 13°54'34 | 24°21 | 7°17 | 8°51 | 6°32 | 8°31 | 23°37 | 25°47 | 7° 6 | 23°43 | 19°14 | 20°23 | 15°52 | 4°32 | F 6 |
| S 7 | 5 5 31 | 14°54'51 | 6 8 49 | 8°54 | 10° 6 | 6°55 | 8°35 | 23°43 | 25°45 | 7° 8 | 23°44 | 19° 9 | 20°20 | 15°59 | 4°31 | S 7 |
| S 8 | 5 9 27 | 15°55'08 | 19°34 | 10°30 | 11°20 | 7°17 | 8°38 | 23°49 | 25°44 | 7°10 | 23°46 | 19° 3 | 20°16 | 16° 6 | 4°31 | S 8 |
| M 9 | 5 13 24 | 16°55'28 | 2 Ⅲ 37 | 12° 7 | 12°34 | 7°39 | 8°41 | 23°55 | 25°42 | 7°13 | 23°47 | 18°57 | 20°13 | 16°13 | 4°30 | M 9 |
| T 10 | 5 17 20 | 17°55'49 | 15°56 | 13°43 | 13°49 | 8° 0 | 8°44 | 24° 2 | 25°40 | 7°15 | 23°49 | 18°53 | 20°10 | 16°19 | 4°30 | T 10 |
| W11 | 5 21 17 | 18°56'11 | 29°32 | 15°19 | 15° 3 | 8°21 | 8°47 | 24° 8 | 25°38 | 7°17 | 23°50 | 18°50 | 20° 7 | 16°26 | 4°30 | W11 |
| T 12 | 5 25 13 | 19°56'35 | 139520 | 16°54 | 16°17 | 8°42 | 8°50 | 24°14 | 25°36 | 7°19 | 23°52 | 18°D49 | 20° 4 | 16°33 | 4°30 | T 12 |
| F 13 | 5 29 10 | 20°57'01 | 27°19 | 18°30 | 17°32 | 9° 2 | 8°52 | 24°20 | 25°34 | 7°21 | 23°53 | 18°49 | 20° 1 | 16°39 | 4°29 | F 13 |
| S 14 | 5 33 7 | 21°57'28 | 11 \O 25 | 20° 5 | 18°46 | 9°22 | 8°55 | 24°27 | 25°32 | 7°23 | 23°55 | 18°50 | 19°57 | 16°46 | 4°29 | S 14 |
| S 15 | 5 37 3 | 22°57'57 | 25°34 | 21°40 | 20° 0 | 9°41 | 8°57 | 24°33 | 25°30 | 7°26 | 23°56 | 18°51 | 19°54 | 16°53 | 4°D29 | S 15 |
| M16 | 5 41 0 | 23°58'28 | 9 m 46 | 23°15 | 21°14 | 10° 0 | 8°58 | 24°39 | 25°28 | 7°28 | 23°58 | 18°53 | 19°51 | 16°59 | 4°29 | M16 |
| T 17 | 5 44 56 | 24°59'00 | 23°57 | 24°49 | 22°29 | 10°18 | 9° 0 | 24°46 | 25°26 | 7°30 | 23°59 | 18°R53 | 19°48 | 17° 6 | 4°29 | T 17 |
| W18 | 5 48 53 | 25°59'34 | 8 亞 6 | 26°24 | 23°43 | 10°36 | 9° 2 | 24°52 | 25°24 | 7°32 | 24° 0 | 18°53 | 19°45 | 17°13 | 4°29 | W18 |
| T 19 | 5 52 49 | 27° 0'10 | 22°10 | 27°58 | 24°57 | 10°54 | 9° 3 | 24°59 | 25°22 | 7°35 | 24° 1 | 18°51 | 19°42 | 17°20 | 4°30 | T 19 |
| F 20 | 5 56 46 | 28° 0'47 | 6M 9 | 29°32 | 26°11 | 11°11 | 9° 4 | 25° 5 | 25°20 | 7°37 | 24° 3 | 18°49 | 19°38 | 17°26 | 4°30 | F 20 |
| S 21 | 6 0 42 | 29° 1'27 | 19°58 | 1중 7 | 27°26 | 11°27 | 9° 5 | 25°12 | 25°17 | 7°39 | 24° 4 | 18°46 | 19°35 | 17°33 | 4°30 | S 21 |
| S 22 | 6 4 39 | 0중 2'07 | 3 ₹ 36 | 2°41 | 28°40 | 11°43 | 9° 6 | 25°19 | 25°15 | 7°41 | 24° 5 | 18°43 | 19°32 | 17°40 | 4°31 | S 22 |
| M23 | 6 8 36 | 1° 2'49 | 1 <u>7</u> ° 2 | 4°15 | 29°54 | 11°58 | 9° 6 | 25°25 | 25°13 | 7°43 | 24° 6 | 18°41 | 19°29 | 17°46 | 4°31 | M23 |
| T 24 | 6 12 32 | 2° 3'32 | 0중12 | 5°48 | 1≈ 8 | 12°13 | 9° 6 | 25°32 | 25°11 | 7°46 | 24° 7 | 18°39 | 19°26 | 17°53 | 4°31 | T 24 |
| W25 | 6 16 29 | 3° 4'17 | 13° 6 | 7°22 | 2°22 | 12°28 | 9°R 7 | 25°39 | 25° 8 | 7°48 | 24° 9 | 18°D38 | 19°22 | 18° 0 | 4°32 | W25 |
| T 26 | 6 20 25 | 4° 5'03 | 25°44 | 8°56 | 3°37 | 12°41 | 9° 7 | 25°46 | 25° 6 | 7°50 | 24°10 | 18°38 | 19°19 | 18° 6 | 4°33 | T 26 |
| F 27 | 6 24 22 | 5° 5'49 | 8 ≈ 8 | 10°30 | 4°51 | 12°55 | 9° 6 | 25°52 | 25° 4 | 7°53 | 24°11 | 18°39 | 19°16 | 18°13 | 4°33 | F 27 |
| S 28 | 6 28 18 | 6° 6'37 | 20°18 | 12° 3 | 6° 5 | 13° 7 | 9° 6 | 25°59 | 25° 1 | 7°55 | 24°12 | 18°40 | 19°13 | 18°20 | 4°34 | S 28 |
| S 29 | 6 32 15 | 7° 7'25 | 2) 18 | 13°37 | 7°19 | 13°19 | 9° 5 | 26° 6 | 24°59 | 7°57 | 24°13 | 18°41 | 19°10 | 18°27 | 4°35 | S 29 |
| M30 | 6 36 11 | <u>8°</u> 8'14 | 14°11 | 1 <u>5</u> °11 | 8°33 | 13°30 | 9° 4 | 2 <u>6</u> °13 | 24°56 | <u>7</u> °59 | 24°14 | 1 <u>8</u> °42 | 1 <u>9°</u> 7 | 18°33 | 4°35 | M30 |
| T 31 | 6 40 8 | 98 9'04 | 26 米 2 | 16 පි 45 | 9≈47 | 13 m /41 | 9 m , 3 | 26 궁 20 | 249554 | 8 ප 2 | 24 ≏ 14 | 18 궁 43 | 19る 3 | 18 米 40 | 4 Υ36 | T 31 |

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|------|---------|----------|----------------|----------------|------------------|----------------|----------------|----------------|--------|--------------|----------------|----------------|----------------|----------------|---------------|------|
| W 1 | 6 44 5 | 10궁 9'55 | 7 Y 55 | 18 궁 18 | 11≈ 1 | 13 m 51 | 9°R 2 | 26 ප 27 | 24°R52 | 8 | 24 ₽ 15 | 18°R43 | 19る 0 | 18 ∺ 47 | 4 Υ37 | W 1 |
| T 2 | 6 48 1 | 11°10'46 | 19°55 | 19°52 | 12°15 | 14° 1 | 9 m) 0 | 26°34 | 249549 | 8° 6 | 24°16 | 18 궁 43 | 18°57 | 18°53 | 4°38 | T 2 |
| F 3 | 6 51 58 | 12°11'39 | 2 8 7 | 21°26 | 13°29 | 14°10 | 8°59 | 26°41 | 24°47 | 8° 8 | 24°17 | 18°43 | 18°54 | 19° 0 | 4°39 | F 3 |
| S 4 | 6 55 54 | 13°12'31 | 14°34 | 23° 0 | 14°43 | 14°18 | 8°57 | 26°47 | 24°44 | 8°11 | 24°18 | 18°42 | 18°51 | 19° 7 | 4°40 | S 4 |
| S 5 | 6 59 51 | 14°13'25 | 27°22 | 24°33 | 15°57 | 14°26 | 8°55 | 26°54 | 24°42 | 8°13 | 24°19 | 18°42 | 18°48 | 19°13 | 4°41 | S 5 |
| M 6 | 7 3 47 | 15°14'19 | 10 Ⅲ 31 | 26° 7 | 17°11 | 14°32 | 8°53 | 27° 1 | 24°39 | 8°15 | 24°19 | 18°41 | 18°44 | 19°20 | 4°43 | M 6 |
| T 7 | 7 7 44 | 16°15'14 | 24° 3 | 27°41 | 18°25 | 14°39 | 8°50 | 27° 8 | 24°37 | 8°17 | 24°20 | 18°41 | 18°41 | 19°27 | 4°44 | T 7 |
| W 8 | 7 11 41 | 17°16'09 | 7956 | 29°14 | 19°39 | 14°44 | 8°48 | 27°16 | 24°34 | 8°20 | 24°21 | 18°41 | 18°38 | 19°34 | 4°45 | W 8 |
| T 9 | 7 15 37 | 18°17'05 | 22° 9 | 0≈47 | 20°53 | 14°49 | 8°45 | 27°23 | 24°31 | 8°22 | 24°21 | 18°41 | 18°35 | 19°40 | 4°46 | T 9 |
| F 10 | 7 19 34 | 19°18'02 | 6 Ω 36 | 2°21 | 22° 6 | 14°53 | 8°42 | 27°30 | 24°29 | 8°24 | 24°22 | 18°41 | 18°32 | 19°47 | 4°48 | F 10 |
| S 11 | 7 23 30 | 20°19'00 | 21°11 | 3°54 | 23°20 | 14°56 | 8°39 | 27°37 | 24°26 | 8°26 | 24°22 | 18°41 | 18°28 | 19°54 | 4°49 | S 11 |
| S 12 | 7 27 27 | 21°19'58 | 5 m 49 | 5°26 | 24°34 | 14°59 | 8°35 | 27°44 | 24°24 | 8°28 | 24°23 | 18°40 | 18°25 | 20° 0 | 4°51 | S 12 |
| M13 | 7 31 23 | 22°20'57 | 20°23 | 6°59 | 25°48 | 15° 0 | 8°32 | 27°51 | 24°21 | 8°31 | 24°23 | 18°40 | 18°22 | 20° 7 | 4°52 | M13 |
| T 14 | 7 35 20 | 23°21'57 | 4 ₽ 49 | 8°31 | 27° 1 | 15° 1 | 8°28 | 27°58 | 24°19 | 8°33 | 24°24 | 18°40 | 18°19 | 20°14 | 4°54 | T 14 |
| W15 | 7 39 16 | 24°22'58 | 19° 2 | 10° 2 | 28°15 | 15°R 2 | 8°24 | 28° 5 | 24°16 | 8°35 | 24°24 | 18°D39 | 18°16 | 20°21 | 4°56 | W15 |
| T 16 | 7 43 13 | 25°23'59 | 3 ™ 0 | 11°32 | 29°29 | 15° 1 | 8°20 | 28°12 | 24°14 | 8°37 | 24°24 | 18°39 | 18°13 | 20°27 | 4°57 | T 16 |
| F 17 | 7 47 10 | 26°25'02 | 16°44 | 13° 2 | 0) (42 | 15° 0 | 8°16 | 28°19 | 24°11 | 8°39 | 24°25 | 18°40 | 18° 9 | 20°34 | 4°59 | F 17 |
| S 18 | 7 51 6 | 27°26'05 | 0 ∡ 12 | 14°30 | 1°56 | 14°58 | 8°11 | 28°26 | 24° 8 | 8°42 | 24°25 | 18°40 | 18° 6 | 20°41 | 5° 1 | S 18 |
| S 19 | 7 55 3 | 28°27'08 | 13°25 | 15°57 | 3° 9 | 14°55 | 8° 7 | 28°33 | 24° 6 | 8°44 | 24°25 | 18°41 | 18° 3 | 20°47 | 5° 3 | S 19 |
| M20 | 7 58 59 | 29°28'13 | 26°25 | 17°22 | 4°23 | 14°51 | 8° 2 | 28°41 | 24° 3 | 8°46 | 24°26 | 18°42 | 18° 0 | 20°54 | 5° 5 | M20 |
| T 21 | 8 2 56 | 0≈29'18 | 9 ਰ 11 | 18°45 | 5°36 | 14°46 | 7°57 | 28°48 | 24° 1 | 8°48 | 24°26 | 18°43 | 17°57 | 21° 1 | 5° 7 | T 21 |
| W22 | 8 6 52 | 1°30'23 | 21°46 | 20° 6 | 6°49 | 14°41 | 7°52 | 28°55 | 23°58 | 8°50 | 24°26 | 18°R43 | 17°54 | 21° 8 | 5° 9 | W22 |
| T 23 | 8 10 49 | 2°31'28 | 4≈ 9 | 21°24 | 8° 3 | 14°34 | 7°46 | 29° 2 | 23°56 | 8°52 | 24°26 | 18°43 | 17°50 | 21°14 | 5°11 | T 23 |
| F 24 | 8 14 45 | 3°32'34 | 16°22 | 22°39 | 9°16 | 14°27 | 7°41 | 29° 9 | 23°53 | 8°54 | 24°26 | 18°41 | 17°47 | 21°21 | 5°13 | F 24 |
| S 25 | 8 18 42 | 4°33'40 | 28°26 | 23°50 | 10°29 | 14°19 | 7°35 | 29°16 | 23°51 | 8°56 | 24°26 | 18°39 | 17°44 | 21°28 | 5°15 | S 25 |
| S 26 | 8 22 39 | 5°34'45 | 10 ∺ 23 | 24°56 | 11°42 | 14°11 | 7°30 | 29°23 | 23°48 | 8°59 | 24°R26 | 18°36 | 17°41 | 21°34 | 5°17 | S 26 |
| M27 | 8 26 35 | 6°35'51 | 22°16 | 25°56 | 12°56 | 14° 1 | 7°24 | 29°30 | 23°46 | 9° 1 | 24°26 | 18°33 | 17°38 | 21°41 | 5°19 | M27 |
| T 28 | 8 30 32 | 7°36'56 | 4 Υ 6 | 26°51 | 14° 9 | 13°51 | 7°18 | 29°37 | 23°43 | 9° 3 | 24°26 | 18°31 | 17°34 | 21°48 | 5°21 | T 28 |
| W29 | 8 34 28 | 8°38'02 | 15°58 | 27°39 | 15°22 | 13°39 | 7°11 | 29°44 | 23°41 | 9° 5 | 24°26 | 18°28 | 17°31 | 21°54 | 5°24 | W29 |
| T 30 | 8 38 25 | 9°39'07 | 27°56 | 28°19 | 16°35 | 13°27 | 7° 5 | 29°51 | 23°38 | 9° 7 | 24°26 | 18°27 | 17°28 | 22° 1 | 5°26 | T 30 |
| F 31 | 8 42 21 | 10≈40'11 | 108 4 | 28≈50 | 17) (48 | 13 m 15 | 6 m 59 | 29 る 58 | 23936 | 9 궁 9 | 24 ≏ 26 | 18°D26 | 17 る 25 | 22 米 8 | 5 Υ 29 | F 31 |

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|------|----------|-------------------|----------------|--------|----------------|-----------------|---------|------|--------|---------------|-----------------------|----------------|----------------|----------------|----------------|------|
| S 1 | 8 46 18 | 11 ≈ 41'16 | 22 8 27 | 29≈12 | 19 米 0 | 13°R 1 | 6°R52 | 0≈ 5 | 23°R33 | 9 ට 11 | 24°R26 | 18 ට 26 | 17 る 22 | 22 米 15 | 5 Ƴ 31 | S 1 |
| S 2 | 8 50 14 | 12°42'20 | 5 I I 8 | 29°23 | 20°13 | 12 m)47 | 6Mp45 | 0°12 | 23931 | 9°13 | 24 <u>Ω</u> 25 | 18°28 | 17°19 | 22°21 | 5°33 | S 2 |
| M 3 | 8 54 11 | 13°43'24 | 18°14 | 29°R23 | 21°26 | 12°31 | 6°39 | 0°19 | 23°29 | 9°15 | 24°25 | 18°29 | 17°15 | 22°28 | 5°36 | M 3 |
| T 4 | 8 58 8 | 14°44'27 | 19545 | 29°11 | 22°38 | 12°16 | 6°32 | 0°26 | 23°26 | 9°17 | 24°25 | 18°31 | 17°12 | 22°35 | 5°39 | T 4 |
| W 5 | 9 2 4 | 15°45'30 | 15°43 | 28°48 | 23°51 | 11°59 | 6°25 | 0°33 | 23°24 | 9°18 | 24°25 | 18°R32 | 17° 9 | 22°41 | 5°41 | W 5 |
| T 6 | 9 6 1 | 16°46'32 | 0 Ω 7 | 28°13 | 25° 4 | 11°42 | 6°18 | 0°40 | 23°22 | 9°20 | 24°24 | 18°31 | 17° 6 | 22°48 | 5°44 | T 6 |
| F 7 | 9 9 57 | 17°47'34 | 14°53 | 27°27 | 26°16 | 11°24 | 6°10 | 0°47 | 23°19 | 9°22 | 24°24 | 18°29 | 17° 3 | 22°55 | 5°46 | F 7 |
| S 8 | 9 13 54 | 18°48'35 | 29°53 | 26°30 | 27°28 | 11° 5 | 6° 3 | 0°54 | 23°17 | 9°24 | 24°23 | 18°26 | 17° 0 | 23° 2 | 5°49 | S 8 |
| S 9 | 9 17 50 | 19°49'36 | 14 M 58 | 25°25 | 28°40 | 10°46 | 5°56 | 1° 1 | 23°15 | 9°26 | 24°23 | 18°22 | 16°56 | 23° 8 | 5°52 | S 9 |
| M10 | 9 21 47 | 20°50'37 | 29°59 | 24°14 | 29°53 | 10°26 | 5°48 | 1° 8 | 23°13 | 9°28 | 24°23 | 18°17 | 16°53 | 23°15 | 5°55 | M10 |
| T 11 | 9 25 43 | 21°51'38 | 14 ≏ 48 | 22°58 | 1 Υ 5 | 10° 6 | 5°41 | 1°15 | 23°10 | 9°30 | 24°22 | 18°12 | 16°50 | 23°22 | 5°58 | T 11 |
| W12 | 9 29 40 | 22°52'38 | 29°18 | 21°40 | 2°17 | 9°45 | 5°33 | 1°21 | 23° 8 | 9°31 | 24°21 | 18° 9 | 16°47 | 23°28 | 6° 0 | W12 |
| T 13 | 9 33 37 | 23°53'38 | 13 M 25 | 20°23 | 3°29 | 9°24 | 5°25 | 1°28 | 23° 6 | 9°33 | 24°21 | 18° 6 | 16°44 | 23°35 | 6° 3 | T 13 |
| F 14 | 9 37 33 | 24°54'38 | 27° 7 | 19° 8 | 4°40 | 9° 2 | 5°18 | 1°35 | 23° 4 | 9°35 | 24°20 | 18°D 6 | 16°40 | 23°42 | 6° 6 | F 14 |
| S 15 | 9 41 30 | 25°55'38 | 10 × 27 | 17°58 | 5°52 | 8°40 | 5°10 | 1°42 | 23° 2 | 9°37 | 24°20 | 18° 7 | 16°37 | 23°49 | 6° 9 | S 15 |
| S 16 | 9 45 26 | 26°56'37 | 23°27 | 16°54 | 7° 4 | 8°17 | 5° 2 | 1°48 | 23° 0 | 9°38 | 24°19 | 18° 8 | 16°34 | 23°55 | 6°12 | S 16 |
| M17 | 9 49 23 | 27°57'37 | 6 ප 9 | 15°57 | 8°15 | 7°54 | 4°54 | 1°55 | 22°58 | 9°40 | 24°18 | 18°10 | 16°31 | 24° 2 | 6°15 | M17 |
| T 18 | 9 53 19 | 28°58'35 | 18°37 | 15° 9 | 9°27 | 7°31 | 4°46 | 2° 2 | 22°56 | 9°42 | 24°18 | 18°R10 | 16°28 | 24° 9 | 6°18 | T 18 |
| W19 | 9 57 16 | 29°59'33 | 0≈55 | 14°30 | 10°38 | 7° 7 | 4°38 | 2° 8 | 22°54 | 9°43 | 24°17 | 18° 9 | 16°25 | 24°15 | 6°21 | W19 |
| T 20 | 10 1 12 | 1 光 0'30 | 13° 3 | 14° 0 | 11°49 | 6°44 | 4°30 | 2°15 | 22°52 | 9°45 | 24°16 | 18° 6 | 16°21 | 24°22 | 6°24 | T 20 |
| F 21 | 10 5 9 | 2° 1'27 | 25° 5 | 13°38 | 13° 1 | 6°20 | 4°22 | 2°21 | 22°50 | 9°46 | 24°15 | 18° 1 | 16°18 | 24°29 | 6°28 | F 21 |
| S 22 | 10 9 6 | 3° 2'22 | 7 ∺ 2 | 13°26 | 14°12 | 5°56 | 4°14 | 2°28 | 22°49 | 9°48 | 24°14 | 17°54 | 16°15 | 24°36 | 6°31 | S 22 |
| S 23 | 10 13 2 | 4° 3'17 | 18°56 | 13°D21 | 15°22 | 5°32 | 4° 6 | 2°34 | 22°47 | 9°49 | 24°13 | 17°45 | 16°12 | 24°42 | 6°34 | S 23 |
| M24 | 10 16 59 | 5° 4'11 | 0 Υ 47 | 13°24 | 16°33 | 5° 8 | 3°58 | 2°40 | 22°45 | 9°51 | 24°12 | 17°35 | 16° 9 | 24°49 | 6°37 | M24 |
| T 25 | 10 20 55 | 6° 5'04 | 12°38 | 13°35 | 17°44 | 4°44 | 3°50 | 2°47 | 22°43 | 9°52 | 24°12 | 17°26 | 16° 5 | 24°56 | 6°40 | T 25 |
| W26 | 10 24 52 | 7° 5'55 | 24°31 | 13°52 | 18°55 | 4°20 | 3°42 | 2°53 | 22°42 | 9°54 | 24°11 | 17°17 | 16° 2 | 25° 2 | 6°44 | W26 |
| T 27 | 10 28 48 | 8° 6'46 | 6829 | 14°15 | 20° 5 | 3°56 | 3°34 | 2°59 | 22°40 | <u>9°55</u> | 24°10 | 1 <u>7</u> °10 | 1 <u>5</u> °59 | 25° 9 | 6°47 | T 27 |
| F 28 | 10 32 45 | 9 米 7'35 | 18 8 36 | 14≈45 | 21 Υ 15 | 3 Mp 32 | 3 Mp 26 | 3≈ 6 | 22939 | 9 궁 56 | 24 ♀ 9 | 17 る 5 | 15 る 56 | 25 米 16 | 6 Υ 50 | F 28 |

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| Day | Sid.t | 0 | D | ğ | Q. | ď | 4 | ħ |)ұ(| ¥ | В | u | v | Ç | Ş, | Day |
|------|----------|-------------------|----------------|----------------|----------------|------------------------------------|---------|---------------|--------|----------------|----------------|----------------|----------------|----------------|---------------|------|
| S 1 | 10 36 41 | 10₩ 8'23 | 0 П 54 | 15 ≈ 19 | 22 Y 25 | 3°R 9 | 3°R18 | 3≈12 | 22°R37 | 9 ප 58 | 24°R 7 | 17°R 3 | 15 云 53 | 25 ∺ 23 | 6 Υ 54 | S 1 |
| S 2 | 10 40 38 | 11° 9'10 | 13°30 | 15°58 | 23°36 | 2 Mp 46 | 3 Mp 11 | 3°18 | 22936 | 9°59 | 24 <u>₽</u> 6 | 17°D 2 | 15°50 | 25°29 | 6°57 | S 2 |
| M 3 | 10 44 35 | 12° 9'55 | 26°26 | 16°41 | 24°45 | 2°23 | 3° 3 | 3°24 | 22°34 | 10° 0 | 24° 5 | 17る 3 | 15°46 | 25°36 | 7° 0 | M 3 |
| T 4 | 10 48 31 | 13°10'39 | 99548 | 17°29 | 25°55 | 2° 0 | 2°55 | 3°30 | 22°33 | 10° 2 | 24° 4 | 17° 4 | 15°43 | 25°43 | 7° 4 | T 4 |
| W 5 | 10 52 28 | 14°11'22 | 23°39 | 18°20 | 27° 5 | 1°38 | 2°47 | 3°36 | 22°32 | 10° 3 | 24° 3 | 17°R 4 | 15°40 | 25°49 | 7° 7 | W 5 |
| T 6 | 10 56 24 | 15°12'03 | 7Ω 58 | 19°14 | 28°14 | 1°17 | 2°40 | 3°42 | 22°30 | 10° 4 | 24° 2 | 17° 2 | 15°37 | 25°56 | 7°11 | T 6 |
| F 7 | 11 021 | 16°12'42 | 22°45 | 20°12 | 29°23 | 0°56 | 2°32 | 3°48 | 22°29 | 10° 5 | 24° 1 | 16°58 | 15°34 | 26° 3 | 7°14 | F 7 |
| S 8 | 11 417 | 17°13'20 | 7 ⋒ 52 | 21°12 | 0 8 33 | 0°35 | 2°24 | 3°54 | 22°28 | 10° 6 | 23°59 | 16°51 | 15°31 | 26°10 | 7°18 | S 8 |
| S 9 | 11 8 14 | 18°13'57 | 23°11 | 22°15 | 1°42 | 0°15 | 2°17 | 3°59 | 22°27 | 10°8 | 23°58 | 16°42 | 15°27 | 26°16 | 7°21 | S 9 |
| M10 | 11 12 10 | 19°14'32 | 8 ≏ 31 | 23°20 | 2°50 | 29 Ω 55 | 2°10 | 4° 5 | 22°26 | 10° 9 | 23°57 | 16°33 | 15°24 | 26°23 | 7°25 | M10 |
| T 11 | 11 16 7 | 20°15'06 | 23°40 | 24°28 | 3°59 | 29°36 | 2° 2 | 4°11 | 22°25 | 10°10 | 23°56 | 16°23 | 15°21 | 26°30 | 7°28 | T 11 |
| W12 | 11 20 4 | 21°15'39 | 8 M 28 | 25°37 | 5° 7 | 29°18 | 1°55 | 4°16 | 22°24 | 10°11 | 23°54 | 16°15 | 15°18 | 26°36 | 7°32 | W12 |
| T 13 | 11 24 0 | 22°16'11 | 22°50 | 26°49 | 6°16 | 29° 0 | 1°48 | 4°22 | 22°23 | 10°12 | 23°53 | 16° 9 | 15°15 | 26°43 | 7°35 | T 13 |
| F 14 | 11 27 57 | 23°16'42 | 6 ₹ 43 | 28° 2 | 7°24 | 28°43 | 1°41 | 4°27 | 22°22 | 10°13 | 23°52 | 16° 6 | 15°11 | 26°50 | 7°39 | F 14 |
| S 15 | 11 31 53 | 24°17'12 | 20° 7 | 29°17 | 8°31 | 28°27 | 1°34 | 4°33 | 22°21 | 10°14 | 23°50 | 16°D 5 | 15° 8 | 26°57 | 7°42 | S 15 |
| S 16 | 11 35 50 | 25°17'40 | 3ਰ 5 | 0) €34 | 9°39 | 28°11 | 1°27 | 4°38 | 22°20 | 10°15 | 23°49 | 16° 5 | 15° 5 | 27° 3 | 7°46 | S 16 |
| M17 | 11 39 46 | 26°18'08 | 15°42 | 1°52 | 10°47 | 27°56 | 1°21 | 4°43 | 22°19 | 10°15 | 23°48 | 16°R 5 | 15° 2 | 27°10 | 7°49 | M17 |
| T 18 | 11 43 43 | 27°18'34 | 28° 2 | 3°12 | 11°54 | 27°42 | 1°14 | 4°49 | 22°19 | 10°16 | 23°46 | 16° 4 | 14°59 | 27°17 | 7°53 | T 18 |
| W19 | 11 47 39 | 28°18'58 | 10≈ 9 | 4°33 | 13° 1 | 27°28 | 1° 8 | 4°54 | 22°18 | 10°17 | 23°45 | 16° 2 | 14°56 | 27°23 | 7°57 | W19 |
| T 20 | 11 51 36 | 29°19'22 | 22° 8 | 5°56 | 14° 8 | 27°15 | 1° 1 | 4°59 | 22°17 | 10°18 | 23°43 | 15°56 | 14°52 | 27°30 | 8° 0 | T 20 |
| F 21 | 11 55 33 | 0 Ƴ 19'44 | 4) € 2 | 7°19 | 15°14 | 27° 3 | 0°55 | 5° 4 | 22°17 | 10°19 | 23°42 | 15°48 | 14°49 | 27°37 | 8° 4 | F 21 |
| S 22 | 11 59 29 | 1°20'04 | 15°54 | 8°44 | 16°21 | 26°52 | 0°49 | 5° 9 | 22°16 | 10°19 | 23°40 | 15°37 | 14°46 | 27°44 | 8° 8 | S 22 |
| S 23 | 12 3 26 | 2°20'23 | 27°45 | 10°11 | 17°27 | 26°42 | 0°43 | 5°14 | 22°16 | 10°20 | 23°39 | 15°24 | 14°43 | 27°50 | 8°11 | S 23 |
| M24 | 12 7 22 | 3°20'40 | 9 Y 38 | 11°38 | 18°33 | 26°32 | 0°37 | 5°19 | 22°16 | 10°21 | 23°37 | 15° 9 | 14°40 | 27°57 | 8°15 | M24 |
| T 25 | 12 11 19 | 4°20'55 | 21°32 | 13° 7 | 19°39 | 26°23 | 0°32 | 5°23 | 22°15 | 10°21 | 23°36 | 14°54 | 14°37 | 28° 4 | 8°18 | T 25 |
| W26 | 12 15 15 | 5°21'09 | 3 8 30 | 14°36 | 20°44 | 26°15 | 0°26 | 5°28 | 22°15 | 10°22 | 23°34 | 14°41 | 14°33 | 28°10 | 8°22 | W26 |
| T 27 | 12 19 12 | 6°21'21 | 15°34 | 16° 7 | 21°49 | 26° 8 | 0°21 | 5°33 | 22°15 | 10°22 | 23°33 | 14°30 | 14°30 | 28°17 | 8°26 | T 27 |
| F 28 | 12 23 8 | 7°21'31 | 27°44 | 17°39 | 22°54 | 26° 2 | 0°16 | 5°37 | 22°15 | 10°23 | 23°31 | 14°22 | 14°27 | 28°24 | 8°29 | F 28 |
| S 29 | 12 27 5 | 8°21'39 | 10耳 5 | 19°12 | 23°59 | 25°56 | 0°11 | 5°42 | 22°15 | 10°23 | 23°29 | 14°17 | 14°24 | 28°31 | 8°33 | S 29 |
| S 30 | 12 31 1 | 9°21'46 | 22°40 | 20°47 | 25° 3 | 25°51 | 0° 6 | 5°46 | 22°14 | 10°24 | 23°28 | 14°14 | 14°21 | 28°37 | 8°37 | S 30 |
| M31 | 12 34 58 | 10 Y 21'50 | 5933 | 22 米 22 | 26 8 7 | 25 Ω 47 | 0 Mp 1 | 5 ≈ 50 | 22°D14 | 10 ට 24 | 23 ≏ 26 | 14 る 13 | 14 궁 17 | 28) 44 | 8 Υ 40 | M31 |

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|--------------|----------------------|----------------------|------------------------|----------------|----------------|----------------|----------------|--------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------------|
| T 1 | 12 38 55 | 11 Y 21'52 | 189547 | 23 米 58 | 27811 | 25°R44 | 29°R57 | 5≈55 | 229515 | 10 궁 24 | 23°R25 | 14°R13 | 14 궁 14 | 28 米 51 | 8 Ƴ 44 | T 1 |
| W 2 | 12 42 51 | 12°21'52 | 2 Ω 26 | 25°36 | 28°14 | 25 Ω 41 | 29 Ω 53 | 5°59 | 22°15 | 10°25 | 23 ≏ 23 | 14 궁 13 | 14°11 | 28°57 | 8°48 | W 2 |
| T 3 | 12 46 48 | 13°21'50 | 16°32 | 27°15 | 29°17 | 25°40 | 29°48 | 6° 3 | 22°15 | 10°25 | 23°21 | 14°10 | 14° 8 | 29° 4 | 8°51 | T 3 |
| F 4 | 12 50 44 | 14°21'46 | 1 m 6 | 28°55 | 0Д20 | 25°39 | 29°44 | 6° 7 | 22°15 | 10°25 | 23°20 | 14° 5 | 14° 5 | 29°11 | 8°55 | F 4 |
| S 5 | 12 54 41 | 15°21'39 | 16° 2 | 0 Υ 36 | 1°23 | 25°D38 | 29°41 | 6°11 | 22°15 | 10°26 | 23°18 | 13°57 | 14° 2 | 29°18 | 8°59 | S 5 |
| S 6 | 12 58 37 | 16°21'31 | 1 ≏ 15 | 2°18 | 2°25 | 25°39 | 29°37 | 6°15 | 22°16 | 10°26 | 23°17 | 13°47 | 13°58 | 29°24 | 9° 2 | S 6 |
| M 7 | 13 2 34 | 17°21'21 | 16°34 | 4° 1 | 3°26 | 25°40 | 29°34 | 6°18 | 22°16 | 10°26 | 23°15 | 13°36 | 13°55 | 29°31 | 9° 6 | M 7 |
| T 8 | 13 6 30 | 18°21'09 | 1 M .48 | 5°46 | 4°28 | 25°42 | 29°30 | 6°22 | 22°16 | 10°26 | 23°13 | 13°25 | 13°52 | 29°38 | 9° 9 | T 8 |
| W 9 | 13 10 27 | 19°20'55 | 16°45 | 7°32 | 5°28 | 25°45 | 29°27 | 6°26 | 22°17 | 10°26 | 23°12 | 13°15 | 13°49 | 29°44 | 9°13 | W 9 |
| T 10 F 11 | 13 14 24 13 18 20 | 20°20'39 21°20'22 | 1 √ 17 15°20 | 9°19 11° 7 | 6°29 7°29 | 25°48 25°52 | 29°24 29°22 | 6°29 6°33 | 22°17 22°18 | 10°26 10°26 | 23°10 23° 8 | 13° 7 13° 2 | 13°46 13°43 | 29°51 29°58 | 9°17 9°20 | T 10 F 11 |
| S 12 | 13 18 20 | 21°20'22 22°20'03 | 28°53 | 12°56 | 8°29 | 25°57 | 29°22 29°19 | 6°36 | 22°18 | 10°26 10°R26 | 23° 8 | 13° 2 | 13°43 13°39 | 0° 5 | 9°24 | S 12 |
| | - | | | | | | | | | | | | | | - | |
| S 13 | 13 26 13 | 23°19'42 | 11 궁 57 | 14°47 | 9°28 | 26° 2 | 29°17 | 6°39 | 22°19 | 10°26 | 23° 5 | 13°D 0 | 13°36 | 0°11 | 9°27 | S 13 |
| M14 | 13 30 10 | 24°19'20 | 24°38 | 16°39 | 10°27 | 26° 8 | 29°15 | 6°42 | 22°20 | 10°26 | 23° 3 | 13°R 0 | 13°33 | 0°18 | 9°31 | M14 |
| T 15 W16 | 13 34 6 13 38 3 | 25°18'56 26°18'31 | 6 ≈ 58 19°4 | 18°32 20°27 | 11°25 12°23 | 26°15 26°22 | 29°13 29°11 | 6°45 6°48 | 22°21 22°22 | 10°26 10°26 | 23° 2 23° 0 | 12°59 12°57 | 13°30 13°27 | 0°25 0°31 | 9°34 9°38 | T 15 W16 |
| T 17 | 13 41 59 | 20 18 31 27°18'03 | 1) 4 1 | 20°27 22°22 | 12 23 13°20 | 26°30 | 29°10 | 6°51 | 22°23 | 10°26 | 23°58 | 12°52 | 13°23 | 0°38 | 9°42 | T 17 |
| F 18 | 13 45 56 | 28°17'34 | 12°52 | 24°19 | 13°20 14°17 | 26°38 | 29° 8 | 6°54 | 22°24 | 10°26 | 22°57 | 12°45 | 13°20 | 0°45 | 9°45 | F 18 |
| S 19 | 13 49 53 | 29°17'03 | 24°42 | 26°17 | 15°13 | 26°47 | 29° 7 | 6°57 | 22°25 | 10°25 | 22°55 | 12°35 | 13°17 | 0°52 | 9°49 | S 19 |
| S 20 | 13 53 49 | 0 8 16'31 | 6 Υ 34 | 28°16 | 16° 9 | 26°57 | 29° 6 | 6°59 | 22°26 | 10°25 | 22°54 | 12°23 | 13°14 | 0°58 | 9°52 | S 20 |
| M21 | 13 57 46 | 1°15'56 | 18°29 | 0 8 17 | 17° 4 | 20° 7 | 29° 5 | 7° 2 | 22°27 | 10°25 | 22°52 | 12°10 | 13°11 | 1° 5 | 9°55 | M21 |
| T 22 | 14 1 42 | 2°15'20 | 0829 | 2°18 | 17°59 | 27°18 | 29° 5 | 7° 4 | 22°28 | 10°25 | 22°50 | 11°56 | 13° 8 | 1°12 | 9°59 | T 22 |
| W23 | 14 5 39 | 3°14'41 | 12°36 | 4°20 | 18°53 | 27°29 | 29° 4 | 7° 7 | 22°29 | 10°24 | 22°49 | 11°44 | 13° 4 | 1°18 | 10° 2 | W23 |
| T 24 | 14 9 35 | 4°14'01 | 24°50 | 6°23 | 19°46 | 27°41 | 29° 4 | 7° 9 | 22°30 | 10°24 | 22°47 | 11°34 | 13° 1 | 1°25 | 10° 6 | T 24 |
| F 25 | 14 13 32 | 5°13'19 | 7 Ⅱ 12 | 8°26 | 20°39 | 27°53 | 29°D 4 | 7°11 | 22°32 | 10°23 | 22°45 | 11°26 | 12°58 | 1°32 | 10° 9 | F 25 |
| S 26 | 14 17 28 | 6°12'34 | 19°44 | 10°30 | 21°31 | 28° 6 | 29° 4 | 7°13 | 22°33 | 10°23 | 22°44 | 11°21 | 12°55 | 1°39 | 10°13 | S 26 |
| S 27 | 14 21 25 | 7°11'48 | 2928 | 12°35 | 22°22 | 28°20 | 29° 4 | 7°15 | 22°34 | 10°22 | 22°42 | 11°19 | 12°52 | 1°45 | 10°16 | S 27 |
| M28 | 14 25 22 | 8°10'59 | 15°26 | 14°39 | 23°13 | 28°33 | 29° 5 | 7°17 | 22°36 | 10°22 | 22°41 | 11°D19 | 12°48 | 1°52 | 10°19 | M28 |
| T 29 | 14 29 18 | 9°10'08 | 28°42 | 16°42 | 24° 3 | 28°48 | 29° 6 | 7°19 | 22°37 | 10°21 | 22°39 | 11°19 | 12°45 | 1°59 | 10°22 | T 29 |
| W30 | 14 33 15 | 108 9'15 | 12 Ω 17 | 18 8 46 | 24 ∏ 52 | 29 Ω 3 | 29 Ω 7 | 7≈21 | 22939 | 10 る 21 | 22 ॒ 38 | 11°R20 | 12 る 42 | 2 Υ 6 | 10 Y 26 | W30 |

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|------|----------|----------|-----------------|---------------|-------|----------------|--------|-------|--------|----------------|----------------|----------------|----------------|---------------|----------------|------|
| T 1 | 14 37 11 | 118 8'19 | 26Ω13 | 20848 | 25耳40 | 29 Ω 18 | 29Ω 8 | 7≈22 | 229541 | 10°R20 | 22°R36 | 11°R19 | 12 る 39 | 2 Υ 12 | 10 Υ 29 | T 1 |
| F 2 | 14 41 8 | 12° 7'21 | 10 m)31 | 22°49 | 26°27 | 29°34 | 29° 9 | 7°24 | 22°42 | 10 궁 20 | 22 £ 34 | 11 る 15 | 12°36 | 2°19 | 10°32 | F 2 |
| S 3 | 14 45 4 | 13° 6'21 | 25° 8 | 24°49 | 27°14 | 29°50 | 29°10 | 7°25 | 22°44 | 10°19 | 22°33 | 11°10 | 12°33 | 2°26 | 10°35 | S 3 |
| S 4 | 14 49 1 | 14° 5'19 | 10 ♀ 1 | 26°46 | 27°59 | 0 m) 7 | 29°12 | 7°26 | 22°46 | 10°18 | 22°31 | 11° 3 | 12°29 | 2°32 | 10°39 | S 4 |
| M 5 | 14 52 57 | 15° 4'14 | 25° 1 | 28°41 | 28°44 | 0°24 | 29°14 | 7°27 | 22°47 | 10°17 | 22°30 | 10°54 | 12°26 | 2°39 | 10°42 | M 5 |
| T 6 | 14 56 54 | 16° 3'08 | 10 M 0 | 0 Ⅲ 34 | 29°27 | 0°41 | 29°16 | 7°29 | 22°49 | 10°17 | 22°28 | 10°46 | 12°23 | 2°46 | 10°45 | T 6 |
| W 7 | 15 0 50 | 17° 1'59 | 24°48 | 2°24 | 0ණ10 | 0°59 | 29°18 | 7°30 | 22°51 | 10°16 | 22°27 | 10°38 | 12°20 | 2°53 | 10°48 | W 7 |
| T 8 | 15 4 47 | 18° 0'49 | 9 √ 16 | 4°10 | 0°51 | 1°17 | 29°21 | 7°30 | 22°53 | 10°15 | 22°25 | 10°33 | 12°17 | 2°59 | 10°51 | T 8 |
| F 9 | 15 8 44 | 18°59'37 | 23°20 | 5°53 | 1°32 | 1°36 | 29°23 | 7°31 | 22°55 | 10°14 | 22°24 | 10°29 | 12°14 | 3° 6 | 10°54 | F 9 |
| S 10 | 15 12 40 | 19°58'23 | 6 ප 57 | 7°31 | 2°11 | 1°55 | 29°26 | 7°32 | 22°57 | 10°13 | 22°23 | 10°D28 | 12°10 | 3°13 | 10°57 | S 10 |
| S 11 | 15 16 37 | 20°57'08 | 20° 8 | 9° 6 | 2°49 | 2°14 | 29°29 | 7°33 | 22°59 | 10°13 | 22°21 | 10°28 | 12° 7 | 3°19 | 11° 0 | S 11 |
| M12 | 15 20 33 | 21°55'50 | 2≈53 | 10°36 | 3°25 | 2°34 | 29°32 | 7°33 | 23° 1 | 10°12 | 22°20 | 10°29 | 12° 4 | 3°26 | 11° 3 | M12 |
| T 13 | 15 24 30 | 22°54'32 | 15°19 | 12° 2 | 4° 1 | 2°54 | 29°35 | 7°33 | 23° 3 | 10°11 | 22°18 | 10°30 | 12° 1 | 3°33 | 11° 6 | T 13 |
| W14 | 15 28 26 | 23°53'11 | 27°28 | 13°23 | 4°35 | 3°15 | 29°39 | 7°34 | 23° 5 | 10°10 | 22°17 | 10°R30 | 11°58 | 3°40 | 11° 9 | W14 |
| T 15 | 15 32 23 | 24°51'49 | 9) 26 | 14°40 | 5° 8 | 3°35 | 29°42 | 7°34 | 23° 8 | 10° 9 | 22°16 | 10°29 | 11°54 | 3°46 | 11°12 | T 15 |
| F 16 | 15 36 20 | 25°50'25 | 21°19 | 15°51 | 5°39 | 3°57 | 29°46 | 7°34 | 23°10 | 10° 8 | 22°14 | 10°26 | 11°51 | 3°53 | 11°15 | F 16 |
| S 17 | 15 40 16 | 26°49'00 | 3Υ 10 | 16°58 | 6° 9 | 4°18 | 29°50 | 7°R34 | 23°12 | 10° 7 | 22°13 | 10°21 | 11°48 | 4° 0 | 11°17 | S 17 |
| S 18 | 15 44 13 | 27°47'33 | 15° 4 | 17°59 | 6°37 | 4°40 | 29°54 | 7°34 | 23°15 | 10° 6 | 22°12 | 10°14 | 11°45 | 4° 7 | 11°20 | S 18 |
| M19 | 15 48 9 | 28°46'05 | 27° 3 | 18°55 | 7° 4 | 5° 2 | 29°59 | 7°34 | 23°17 | 10° 4 | 22°11 | 10° 7 | 11°42 | 4°13 | 11°23 | M19 |
| T 20 | 15 52 6 | 29°44'34 | 9810 | 19°46 | 7°29 | 5°24 | 0 Mp 3 | 7°33 | 23°19 | 10° 3 | 22° 9 | 9°59 | 11°39 | 4°20 | 11°25 | T 20 |
| W21 | 15 56 2 | 0∏43'02 | 21°27 | 20°31 | 7°52 | 5°47 | 0° 8 | 7°33 | 23°22 | 10° 2 | 22° 8 | 9°52 | 11°35 | 4°27 | 11°28 | W21 |
| T 22 | 15 59 59 | 1°41'29 | 3 Ⅱ 54 | 21°12 | 8°14 | 6°10 | 0°12 | 7°33 | 23°24 | 10° 1 | 22° 7 | 9°46 | 11°32 | 4°33 | 11°31 | T 22 |
| F 23 | 16 3 55 | 2°39'54 | 16°33 | 21°46 | 8°34 | 6°33 | 0°17 | 7°32 | 23°27 | 10° 0 | 22° 6 | 9°42 | 11°29 | 4°40 | 11°33 | F 23 |
| S 24 | 16 7 52 | 3°38'17 | 29°23 | 22°15 | 8°51 | 6°57 | 0°22 | 7°31 | 23°29 | 9°59 | 22° 5 | 9°40 | 11°26 | 4°47 | 11°36 | S 24 |
| S 25 | 16 11 49 | 4°36'38 | 12926 | 22°39 | 9° 7 | 7°20 | 0°28 | 7°31 | 23°32 | 9°57 | 22° 3 | 9°D40 | 11°23 | 4°54 | 11°38 | S 25 |
| M26 | 16 15 45 | 5°34'57 | 25°41 | 22°57 | 9°21 | 7°44 | 0°33 | 7°30 | 23°35 | 9°56 | 22° 2 | 9°41 | 11°20 | 5° 0 | 11°41 | M26 |
| T 27 | 16 19 42 | 6°33'14 | 9Ω9 | 23°10 | 9°33 | 8° 9 | 0°39 | 7°29 | 23°37 | 9°55 | 22° 1 | 9°42 | 11°16 | 5° 7 | 11°43 | T 27 |
| W28 | 16 23 38 | 7°31'29 | 22°52 | 23°17 | 9°42 | 8°33 | 0°44 | 7°28 | 23°40 | 9°54 | 22° 0 | 9°43 | 11°13 | 5°14 | 11°46 | W28 |
| T 29 | 16 27 35 | 8°29'42 | 6 m)48 | 23°R19 | 9°49 | 8°58 | 0°50 | 7°27 | 23°43 | 9°52 | 21°59 | 9°R44 | 11°10 | 5°20 | 11°48 | T 29 |
| F 30 | 16 31 31 | 9°27'53 | 20°57 | 23°16 | 9°54 | 9°23 | 0°56 | 7°25 | 23°46 | 9°51 | 21°58 | 9°44 | 11° 7 | 5°27 | 11°50 | F 30 |
| S 31 | 16 35 28 | 10Ⅱ26′02 | 5 ₾ 19 | 23耳 8 | 9957 | 9 m 49 | 1 Mp 3 | 7≈24 | 239548 | 9 궁 50 | 21 ≏ 57 | 9 궁 42 | 11る 4 | 5 Υ 34 | 11 Y 53 | S 31 |

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|------|----------|--------------------|-----------------|----------------|-------|-----------------|--------|-------|-------|---------------|----------------|---------------|---------------|---------------|----------------|------|
| S 1 | 16 39 24 | 11 II 24'10 | 19 ≏ 49 | 22°R55 | 9°R58 | 10 M)14 | 1 Mp 9 | 7°R22 | 23951 | 9°R48 | 21°R56 | 9°R39 | 11중 0 | 5 Υ 41 | 11 Y 55 | S 1 |
| M 2 | 16 43 21 | 12°22'15 | 4M23 | 22 Ⅲ 38 | 9955 | 10°40 | 1°15 | 7≈21 | 23°54 | 9 궁 47 | 21 ≏ 55 | 9 궁 35 | 10°57 | 5°47 | 11°57 | M 2 |
| T 3 | 16 47 18 | 13°20'19 | 18°55 | 22°17 | 9°51 | 11° 6 | 1°22 | 7°19 | 23°57 | 9°45 | 21°54 | 9°32 | 10°54 | 5°54 | 11°59 | T 3 |
| W 4 | 16 51 14 | 14°18'21 | 3 √ 19 | 21°52 | 9°44 | 11°32 | 1°29 | 7°18 | 24° 0 | 9°44 | 21°54 | 9°28 | 10°51 | 6° 1 | 12° 1 | W 4 |
| T 5 | 16 55 11 | 15°16'22 | 17°30 | 21°24 | 9°35 | 11°59 | 1°36 | 7°16 | 24° 3 | 9°43 | 21°53 | 9°26 | 10°48 | 6° 8 | 12° 3 | T 5 |
| F 6 | 16 59 7 | 16°14'21 | 1 る 21 | 20°54 | 9°23 | 12°26 | 1°43 | 7°14 | 24° 6 | 9°41 | 21°52 | 9°25 | 10°45 | 6°14 | 12° 5 | F 6 |
| S 7 | 17 3 4 | 17°12'19 | 14°52 | 20°21 | 9° 9 | 12°52 | 1°50 | 7°12 | 24° 9 | 9°40 | 21°51 | 9°D24 | 10°41 | 6°21 | 12° 7 | S 7 |
| S 8 | 17 7 0 | 18°10'15 | 28° 0 | 19°47 | 8°52 | 13°20 | 1°57 | 7°10 | 24°12 | 9°38 | 21°50 | 9°25 | 10°38 | 6°28 | 12° 9 | S 8 |
| M 9 | 17 10 57 | 19° 8'10 | 10≈47 | 19°12 | 8°33 | 13°47 | 2° 4 | 7° 8 | 24°15 | 9°37 | 21°50 | 9°27 | 10°35 | 6°34 | 12°11 | M 9 |
| T 10 | 17 14 53 | 20° 6'03 | 23°15 | 18°37 | 8°12 | 14°14 | 2°12 | 7° 6 | 24°18 | 9°35 | 21°49 | 9°28 | 10°32 | 6°41 | 12°13 | T 10 |
| W11 | 17 18 50 | 21° 3'56 | 5) 27 | 18° 2 | 7°48 | 14°42 | 2°20 | 7° 3 | 24°21 | 9°34 | 21°48 | 9°29 | 10°29 | 6°48 | 12°14 | W11 |
| T 12 | 17 22 47 | 22° 1'47 | 17°28 | 17°29 | 7°23 | 15°10 | 2°27 | 7° 1 | 24°24 | 9°32 | 21°48 | 9°R30 | 10°26 | 6°55 | 12°16 | T 12 |
| F 13 | 17 26 43 | 22°59'38 | 29°23 | 16°56 | 6°55 | 15°38 | 2°35 | 6°58 | 24°27 | 9°31 | 21°47 | 9°30 | 10°22 | 7° 1 | 12°18 | F 13 |
| S 14 | 17 30 40 | 23°57'27 | 11 Y 16 | 16°26 | 6°26 | 16° 6 | 2°43 | 6°56 | 24°31 | 9°29 | 21°47 | 9°29 | 10°19 | 7° 8 | 12°19 | S 14 |
| S 15 | 17 34 36 | 24°55'15 | 23°12 | 15°58 | 5°55 | 16°34 | 2°51 | 6°53 | 24°34 | 9°28 | 21°46 | 9°28 | 10°16 | 7°15 | 12°21 | S 15 |
| M16 | 17 38 33 | 25°53'02 | 5 8 14 | 15°34 | 5°22 | 17° 3 | 3° 0 | 6°50 | 24°37 | 9°26 | 21°46 | 9°26 | 10°13 | 7°22 | 12°23 | M16 |
| T 17 | 17 42 29 | 26°50'48 | 17°26 | 15°12 | 4°48 | 17°32 | 3° 8 | 6°48 | 24°40 | 9°25 | 21°45 | 9°24 | 10°10 | 7°28 | 12°24 | T 17 |
| W18 | 17 46 26 | 27°48'33 | 29°52 | 14°55 | 4°13 | 18° 1 | 3°17 | 6°45 | 24°44 | 9°23 | 21°45 | 9°22 | 10° 6 | 7°35 | 12°26 | W18 |
| T 19 | 17 50 22 | 28°46'17 | 12 Ⅲ 32 | 14°41 | 3°37 | 18°30 | 3°25 | 6°42 | 24°47 | 9°21 | 21°44 | 9°21 | 10° 3 | 7°42 | 12°27 | T 19 |
| F 20 | 17 54 19 | 29°44'00 | 25°27 | 14°32 | 3° 0 | 18°59 | 3°34 | 6°39 | 24°50 | 9°20 | 21°44 | 9°20 | 10° 0 | 7°48 | 12°28 | F 20 |
| S 21 | 17 58 16 | 0গু41'41 | 8939 | 14°26 | 2°23 | 19°29 | 3°43 | 6°36 | 24°54 | 9°18 | 21°43 | 9°D20 | 9°57 | 7°55 | 12°30 | S 21 |
| S 22 | 18 2 12 | 1°39'22 | 22° 5 | 14°D25 | 1°45 | 19°58 | 3°52 | 6°32 | 24°57 | 9°17 | 21°43 | 9°20 | 9°54 | 8° 2 | 12°31 | S 22 |
| M23 | 18 6 9 | 2°37'01 | 5 Ω 45 | 14°29 | 1° 7 | 20°28 | 4° 1 | 6°29 | 25° 0 | 9°15 | 21°43 | 9°21 | 9°51 | 8° 9 | 12°32 | M23 |
| T 24 | 18 10 5 | 3°34'39 | 19°37 | 14°37 | 0°30 | 20°58 | 4°10 | 6°26 | 25° 4 | 9°13 | 21°43 | 9°21 | 9°47 | 8°15 | 12°33 | T 24 |
| W25 | 18 14 2 | 4°32'16 | 3 m 38 | 14°50 | 29耳53 | 21°28 | 4°19 | 6°23 | 25° 7 | 9°12 | 21°42 | 9°22 | 9°44 | 8°22 | 12°34 | W25 |
| T 26 | 18 17 58 | 5°29'51 | 17°46 | 15° 7 | 29°17 | 21°58 | 4°29 | 6°19 | 25°11 | 9°10 | 21°42 | 9°22 | 9°41 | 8°29 | 12°35 | T 26 |
| F 27 | 18 21 55 | 6°27'25 | 1 ≏ 58 | 15°28 | 28°42 | 22°29 | 4°38 | 6°16 | 25°14 | 9° 9 | 21°42 | 9°R22 | 9°38 | 8°35 | 12°36 | F 27 |
| S 28 | 18 25 52 | 7°24'57 | 16°13 | 15°54 | 28° 8 | 22°59 | 4°48 | 6°12 | 25°17 | 9° 7 | 21°42 | 9°22 | 9°35 | 8°42 | 12°37 | S 28 |
| S 29 | 18 29 48 | 8°22'29 | 0 M 27 | 16°24 | 27°35 | 23°30 | 4°57 | 6° 8 | 25°21 | 9° 5 | 21°42 | 9°22 | 9°32 | 8°49 | 12°38 | S 29 |
| M30 | 18 33 45 | 9919'59 | 14 M J38 | 16耳58 | 27Ⅱ 4 | 24M) 0 | 5Mm, 7 | 6≈ 5 | 25924 | 9 ප 4 | 21 ≏ 42 | 9°D22 | 9 ට 28 | 8 Y 56 | 12 Y 39 | M30 |

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| T 1 | 18 37 41 | 109517'28 | 28 M 42 | 17耳36 | 26°R34 | 24 Mp 31 | 5 m)17 | 6°R 1 | 25928 | 9°R 2 | 21°R42 | 9 ට 22 | 9 ට 25 | 9 Υ 2 | 12 Y 40 | T 1 |
| W 2 | 18 41 38 | 11°14'56 | 12 × 38 | 18°18 | 26 I 7 | 25° 2 | 5°27 | 5≈57 | 25°31 | 9 ろ 0 | 21°D42 | 9°22 | 9°22 | 9° 9 | 12°40 | W 2 |
| T 3 | 18 45 34 | 12°12'23 | 26°22 | 19° 5 | 25°41 | 25°34 | 5°37 | 5°54 | 25°35 | 8°59 | 21 ≏ 42 | 9°23 | 9°19 | 9°16 | 12°41 | T 3 |
| F 4 | 18 49 31 | 13° 9'50 | 9 궁 52 | 19°55 | 25°18 | 26° 5 | 5°47 | 5°50 | 25°38 | 8°57 | 21°42 | 9°R23 | 9°16 | 9°23 | 12°42 | F 4 |
| S 5 | 18 53 27 | 14° 7'15 | 23° 6 | 20°48 | 24°56 | 26°36 | 5°57 | 5°46 | 25°42 | 8°56 | 21°42 | 9°22 | 9°12 | 9°29 | 12°42 | S 5 |
| S 6 | 18 57 24 | 15° 4'40 | 6≈ 3 | 21°46 | 24°37 | 27° 8 | 6° 8 | 5°42 | 25°45 | 8°54 | 21°42 | 9°22 | 9° 9 | 9°36 | 12°43 | S 6 |
| M 7 | 19 1 21 | 16° 2'03 | 18°43 | 22°47 | 24°20 | 27°40 | 6°18 | 5°38 | 25°49 | 8°52 | 21°42 | 9°21 | 9° 6 | 9°43 | 12°43 | M 7 |
| T 8 | 19 5 17 | 16°59'27 | 1) 9 | 23°52 | 24° 6 | 28°12 | 6°29 | 5°34 | 25°53 | 8°51 | 21°42 | 9°20 | 9° 3 | 9°49 | 12°44 | T 8 |
| W 9 | 19 9 14 | 17°56'50 | 13°21 | 25° 0 | 23°54 | 28°43 | 6°39 | 5°30 | 25°56 | 8°49 | 21°43 | 9°19 | 9° 0 | 9°56 | 12°44 | W 9 |
| T 10 | 19 13 10 | 18°54'12 | 25°23 | 26°12 | 23°44 | 29°15 | 6°50 | 5°25 | 26° 0 | 8°48 | 21°43 | 9°18 | 8°57 | 10° 3 | 12°44 | T 10 |
| F 11 | 19 17 7 | 19°51'34 | 7 Υ 18 | 27°27 | 23°37 | 29°48 | 7° 1 | 5°21 | 26° 3 | 8°46 | 21°43 | 9°18 | 8°53 | 10°10 | 12°44 | F 11 |
| S 12 | 19 21 3 | 20°48'56 | 19°12 | 28°45 | 23°32 | 0 ≏ 20 | 7°11 | 5°17 | 26° 7 | 8°44 | 21°43 | 9°D17 | 8°50 | 10°16 | 12°45 | S 12 |
| S 13 | 19 25 0 | 21°46'17 | 1 8 8 | 0 | 23°30 | 0°52 | 7°22 | 5°13 | 26°10 | 8°43 | 21°44 | 9°18 | 8°47 | 10°23 | 12°45 | S 13 |
| M14 | 19 28 56 | 22°43'38 | 13°10 | 1°32 | 23°D30 | 1°25 | 7°33 | 5° 9 | 26°14 | 8°41 | 21°44 | 9°18 | 8°44 | 10°30 | 12°45 | M14 |
| T 15 | 19 32 53 | 23°40'59 | 25°25 | 3° 0 | 23°32 | 1°58 | 7°44 | 5° 4 | 26°18 | 8°40 | 21°45 | 9°19 | 8°41 | 10°37 | 12°R45 | T 15 |
| W16 | 19 36 50 | 24°38'20 | 7∏54 | 4°31 | 23°37 | 2°30 | 7°55 | 5° 0 | 26°21 | 8°38 | 21°45 | 9°21 | 8°38 | 10°43 | 12°45 | W16 |
| T 17 | 19 40 46 | 25°35'41 | 20°42 | 6° 6 | 23°44 | 3° 3 | 8° 6 | 4°56 | 26°25 | 8°37 | 21°45 | 9°22 | 8°34 | 10°50 | 12°45 | T 17 |
| F 18 | 19 44 43 | 26°33'01 | 3950 | 7°44 | 23°53 | 3°36 | 8°18 | 4°51 | 26°28 | 8°35 | 21°46 | 9°R22 | 8°31 | 10°57 | 12°45 | F 18 |
| S 19 | 19 48 39 | 27°30'21 | 17°20 | 9°25 | 24° 4 | 4° 9 | 8°29 | 4°47 | 26°32 | 8°34 | 21°47 | 9°22 | 8°28 | 11° 3 | 12°45 | S 19 |
| S 20 | 19 52 36 | 28°27'41 | 1 N 9 | 11°8 | 24°17 | 4°42 | 8°40 | 4°43 | 26°36 | 8°32 | 21°47 | 9°21 | 8°25 | 11°10 | 12°44 | S 20 |
| M21 | 19 56 32 | 29°25'01 | 15°16 | 12°55 | 24°32 | 5°16 | 8°52 | 4°38 | 26°39 | 8°31 | 21°48 | 9°19 | 8°22 | 11°17 | 12°44 | M21 |
| T 22 | 20 0 29 | 0 Ω 22'20 | 29°35 | 14°45 | 24°49 | 5°49 | 9° 3 | 4°34 | 26°43 | 8°29 | 21°48 | 9°17 | 8°18 | 11°24 | 12°44 | T 22 |
| W23 | 20 4 25 | 1°19'38 | 14 mg 2 | 16°38 | 25° 8 | 6°23 | 9°15 | 4°29 | 26°46 | 8°28 | 21°49 | 9°14 | 8°15 | 11°30 | 12°43 | W23 |
| T 24 | 20 8 22 | 2°16'56 | 28°31 | 18°33 | 25°28 | 6°56 | 9°26 | 4°25 | 26°50 | 8°26 | 21°50 | 9°11 | 8°12 | 11°37 | 12°43 | T 24 |
| F 25 | 20 12 19 | 3°14'14 | 12 ≏ 57 | 20°31 | 25°51 | 7°30 | 9°38 | 4°20 | 26°53 | 8°25 | 21°51 | 9° 9 | 8° 9 | 11°44 | 12°42 | F 25 |
| S 26 | 20 16 15 | 4°11'31 | 27°16 | 22°31 | 26°15 | 8° 4 | 9°50 | 4°16 | 26°57 | 8°23 | 21°51 | 9° 8 | 8° 6 | 11°50 | 12°42 | S 26 |
| S 27 | 20 20 12 | 5° 8'48 | 11 M 24 | 24°33 | 26°40 | 8°38 | 10° 2 | 4°12 | 27° 1 | 8°22 | 21°52 | 9°D 8 | 8° 3 | 11°57 | 12°41 | S 27 |
| M28 | 20 24 8 | 6° 6'05 | 25°21 | 26°37 | 27° 8 | 9°12 | 10°14 | 4° 7 | 27° 4 | 8°20 | 21°53 | 9° 9 | 7°59 | 12° 4 | 12°41 | M28 |
| T 29 | 20 28 5 | 7° 3'21 | 9 √ 5 | 28°43 | 27°36 | 9°46 | 10°25 | 4° 3 | 27° 8 | 8°19 | 21°54 | 9°10 | 7°56 | 12°11 | 12°40 | T 29 |
| W30 | 20 32 1 | 8° 0'37 | 22°36 | 0€51 | 28° 7 | 10°20 | 10°37 | 3°58 | 27°11 | 8°18 | 21°55 | 9°12 | 7°53 | 12°17 | 12°39 | W30 |
| T 31 | 20 35 58 | 8 Ω 57'52 | 5 궁 54 | 2 Ω 59 | 28耳38 | 10 ≏ 55 | 10 M 49 | 3≈54 | 279915 | 8 궁 16 | 21 ≏ 56 | 9°R13 | 7 る 50 | 12 Y 24 | 12 Y 38 | T 31 |

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| F 1 | 20 39 55 | 9 Ω 55'08 | 19る 0 | 5 Ω 8 | 29∏11 | 11 ≏ 29 | 11 Mp 2 | 3°R49 | 279518 | 8°R15 | 21 ≏ 57 | 9°R12 | 7 궁 47 | 12 Y 31 | 12°R37 | F 1 |
| S 2 | 20 43 51 | 10°52'24 | 1≈53 | 7°18 | 29°45 | 12° 3 | 11°14 | 3≈45 | 27°22 | 8 ਰ 14 | 21°58 | 9 ට 10 | 7°44 | 12°38 | 12 Y 36 | S 2 |
| S 3 | 20 47 48 | 11°49'39 | 14°34 | 9°27 | 09521 | 12°38 | 11°26 | 3°41 | 27°25 | 8°12 | 21°59 | 9° 7 | 7°40 | 12°44 | 12°36 | S 3 |
| M 4 | 20 51 44 | 12°46'55 | 27° 3 | 11°37 | 0°58 | 13°13 | 11°38 | 3°36 | 27°29 | 8°11 | 22° 0 | 9° 2 | 7°37 | 12°51 | 12°35 | M 4 |
| T 5 | 20 55 41 | 13°44'10 | 9 ∺ 21 | 13°47 | 1°36 | 13°47 | 11°50 | 3°32 | 27°32 | 8°10 | 22° 1 | 8°57 | 7°34 | 12°58 | 12°33 | T 5 |
| W 6 | 20 59 37 | 14°41'27 | 21°28 | 15°55 | 2°15 | 14°22 | 12° 3 | 3°28 | 27°36 | 8° 9 | 22° 2 | 8°50 | 7°31 | 13° 4 | 12°32 | W 6 |
| T 7 | 21 3 34 | 15°38'43 | 3 Υ 28 | 18° 4 | 2°55 | 14°57 | 12°15 | 3°23 | 27°39 | 8° 8 | 22° 3 | 8°44 | 7°28 | 13°11 | 12°31 | T 7 |
| F 8 | 21 7 30 | 16°36'00 | 15°22 | 20°11 | 3°36 | 15°32 | 12°27 | 3°19 | 27°43 | 8° 6 | 22° 4 | 8°39 | 7°24 | 13°18 | 12°30 | F 8 |
| S 9 | 21 11 27 | 17°33'17 | 27°14 | 22°16 | 4°18 | 16° 7 | 12°40 | 3°15 | 27°46 | 8° 5 | 22° 5 | 8°36 | 7°21 | 13°25 | 12°29 | S 9 |
| S 10 | 21 15 23 | 18°30'35 | 9 8 9 | 24°21 | 5° 1 | 16°43 | 12°52 | 3°11 | 27°50 | 8° 4 | 22° 7 | 8°34 | 7°18 | 13°31 | 12°27 | S 10 |
| M11 | 21 19 20 | 19°27'54 | 21°10 | 26°24 | 5°45 | 17°18 | 13° 5 | 3° 7 | 27°53 | 8° 3 | 22° 8 | 8°D33 | 7°15 | 13°38 | 12°26 | M11 |
| T 12 | 21 23 17 | 20°25'13 | 3 Ⅱ 22 | 28°26 | 6°30 | 17°53 | 13°17 | 3° 2 | 27°56 | 8° 2 | 22° 9 | 8°34 | 7°12 | 13°45 | 12°25 | T 12 |
| W13 | 21 27 13 | 21°22'33 | 15°51 | 0Mp26 | 7°16 | 18°29 | 13°30 | 2°58 | 28° 0 | 8° 1 | 22°10 | 8°35 | 7° 9 | 13°51 | 12°23 | W13 |
| T 14 | 21 31 10 | 22°19'54 | 28°40 | 2°24 | 8° 3 | 19° 4 | 13°42 | 2°54 | 28° 3 | 8° 0 | 22°12 | 8°36 | 7° 5 | 13°58 | 12°22 | T 14 |
| F 15 | 21 35 6 | 23°17'15 | 119554 | 4°21 | 8°50 | 19°40 | 13°55 | 2°50 | 28° 6 | 7°59 | 22°13 | 8°R37 | 7° 2 | 14° 5 | 12°20 | F 15 |
| S 16 | 21 39 3 | 24°14'37 | 25°33 | 6°16 | 9°38 | 20°16 | 14° 8 | 2°46 | 28°10 | 7°58 | 22°14 | 8°35 | 6°59 | 14°12 | 12°19 | S 16 |
| S 17 | 21 42 59 | 25°12'00 | 9 Ω 38 | 8°10 | 10°27 | 20°52 | 14°20 | 2°42 | 28°13 | 7°57 | 22°16 | 8°32 | 6°56 | 14°18 | 12°17 | S 17 |
| M18 | 21 46 56 | 26° 9'23 | 24° 5 | 10° 1 | 11°17 | 21°27 | 14°33 | 2°38 | 28°16 | 7°56 | 22°17 | 8°27 | 6°53 | 14°25 | 12°15 | M18 |
| T 19 | 21 50 53 | 27° 6'47 | 8 m /49 | 11°51 | 12° 7 | 22° 3 | 14°46 | 2°35 | 28°20 | 7°55 | 22°19 | 8°20 | 6°50 | 14°32 | 12°14 | T 19 |
| W20 | 21 54 49 | 28° 4'12 | 23°43 | 13°39 | 12°58 | 22°39 | 14°59 | 2°31 | 28°23 | 7°54 | 22°20 | 8°13 | 6°46 | 14°39 | 12°12 | W20 |
| T 21 | 21 58 46 | 29° 1'36 | 8 亞 36 | 15°26 | 13°50 | 23°16 | 15°11 | 2°27 | 28°26 | 7°53 | 22°22 | 8° 6 | 6°43 | 14°45 | 12°10 | T 21 |
| F 22 | 22 2 42 | 29°59'02 | 23°22 | 17°11 | 14°42 | 23°52 | 15°24 | 2°23 | 28°29 | 7°52 | 22°23 | 8° 0 | 6°40 | 14°52 | 12° 8 | F 22 |
| S 23 | 22 6 39 | 0 m 56′28 | 7 M 53 | 18°54 | 15°35 | 24°28 | 15°37 | 2°20 | 28°33 | 7°51 | 22°25 | 7°55 | 6°37 | 14°59 | 12° 7 | S 23 |
| S 24 | 22 10 35 | 1°53'54 | 22° 6 | 20°35 | 16°28 | 25° 5 | 15°50 | 2°16 | 28°36 | 7°50 | 22°26 | 7°53 | 6°34 | 15° 5 | 12° 5 | S 24 |
| M25 | 22 14 32 | 2°51'21 | 6 ₹ 0 | 22°15 | 17°22 | 25°41 | 16° 3 | 2°13 | 28°39 | 7°50 | 22°28 | 7°D53 | 6°30 | 15°12 | 12° 3 | M25 |
| T 26 | 22 18 28 | 3°48'48 | 1 <u>9</u> °33 | 23°53 | 18°17 | 26°18 | 16°16 | 2° 9 | 28°42 | 7°49 | 22°30 | 7°54 | 6°27 | 15°19 | 12° 1 | T 26 |
| W27 | 22 22 25 | 4°46'16 | 2 る 49 | 25°29 | 19°12 | 26°54 | 16°29 | 2° 6 | 28°45 | 7°48 | 22°31 | 7°R54 | 6°24 | 15°26 | 11°59 | W27 |
| T 28 | 22 26 21 | 5°43'44 | 15°48 | 27° 4 | 20° 7 | 27°31 | 16°42 | 2° 2 | 28°48 | 7°48 | 22°33 | 7°54 | 6°21 | 15°32 | 11°57 | T 28 |
| F 29 | 22 30 18 | 6°41'13 | 28°35 | 28°37 | 21° 3 | 28° 8 | 16°55 | 1°59 | 28°51 | 7°47 | 22°35 | 7°52 | 6°18 | 15°39 | 11°55 | F 29 |
| S 30 | 22 34 15 | 7°38'43 | 11≈ 9 | 0 亚 8 | 22° 0 | 28°45 | 17° 8 | 1°56 | 28°54 | 7°46 | 22°37 | 7°48 | 6°15 | 15°46 | 11°52 | S 30 |
| S 31 | 22 38 11 | 8 Mp 36'14 | 23≈34 | 1 ≏ 38 | 22957 | 29 ≏ 22 | 17 M 21 | 1≈53 | 28957 | 7 云 46 | 22 £ 38 | 7 ප 41 | 6 ට 11 | 15 Y 52 | 11 Y 50 | S 31 |

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|------|----------|------------------|-----------------|---------------|---------------|----------------|----------------|-------|-------------|---------------|----------------|---------------|---------------|----------------|----------------|------|
| M 1 | 22 42 8 | 9 m 33'45 | 5) (49 | 3 ₾ 5 | 239554 | 29 Ω 59 | 17 m 34 | 1°R50 | 2999 0 | 7°R45 | 22 £ 40 | 7°R31 | 8 වි | 15 Y 59 | 11°R48 | M 1 |
| T 2 | 22 46 4 | 10°31'17 | 17°57 | 4°32 | 24°52 | 0 M .36 | 17°47 | 1≈47 | 29° 3 | 7 궁 45 | 22°42 | 7 云 20 | 6° 5 | 16° 6 | 11 Y 46 | T 2 |
| W 3 | 22 50 1 | 11°28'51 | 29°59 | 5°56 | 25°50 | 1°13 | 18° 0 | 1°44 | 29° 6 | 7°44 | 22°44 | 7° 9 | 6° 2 | 16°13 | 11°44 | W 3 |
| T 4 | 22 53 57 | 12°26'25 | 11 Y 55 | 7°19 | 26°49 | 1°50 | 18°13 | 1°41 | 29° 9 | 7°44 | 22°45 | 6°57 | 5°59 | 16°19 | 11°41 | T 4 |
| F 5 | 22 57 54 | 13°24'01 | 23°47 | 8°40 | 27°48 | 2°27 | 18°26 | 1°38 | 29°11 | 7°43 | 22°47 | 6°47 | 5°55 | 16°26 | 11°39 | F 5 |
| S 6 | 23 1 50 | 14°21'38 | 5 8 38 | 9°59 | 28°47 | 3° 5 | 18°39 | 1°36 | 29°14 | 7°43 | 22°49 | 6°38 | 5°52 | 16°33 | 11°37 | S 6 |
| S 7 | 23 5 47 | 15°19'16 | 17°31 | 11°16 | 29°47 | 3°42 | 18°52 | 1°33 | 29°17 | 7°42 | 22°51 | 6°33 | 5°49 | 16°40 | 11°34 | S 7 |
| M 8 | 23 9 44 | 16°16'56 | 29°30 | 12°31 | 0 Ω 47 | 4°20 | 19° 5 | 1°31 | 29°20 | 7°42 | 22°53 | 6°29 | 5°46 | 16°46 | 11°32 | M 8 |
| T 9 | 23 13 40 | 17°14'37 | 11 II 40 | 13°45 | 1°48 | 4°57 | 19°18 | 1°28 | 29°22 | 7°42 | 22°55 | 6°28 | 5°43 | 16°53 | 11°30 | T 9 |
| W10 | 23 17 37 | 18°12'20 | 24° 5 | 14°56 | 2°49 | 5°35 | 19°31 | 1°26 | 29°25 | 7°41 | 22°57 | 6°D28 | 5°40 | 17° 0 | 11°27 | W10 |
| T 11 | 23 21 33 | 19°10'04 | 6951 | 16° 5 | 3°50 | 6°13 | 19°44 | 1°24 | 29°28 | 7°41 | 22°59 | 6°R28 | 5°36 | 17° 6 | 11°25 | T 11 |
| F 12 | 23 25 30 | 20° 7'49 | 20° 2 | 17°12 | 4°52 | 6°51 | 19°57 | 1°21 | 29°30 | 7°41 | 23° 1 | 6°27 | 5°33 | 17°13 | 11°22 | F 12 |
| S 13 | 23 29 26 | 21° 5'37 | 3 Ω 41 | 18°17 | 5°54 | 7°29 | 20°10 | 1°19 | 29°33 | 7°41 | 23° 3 | 6°25 | 5°30 | 17°20 | 11°20 | S 13 |
| S 14 | 23 33 23 | 22° 3'25 | 17°49 | 19°19 | 6°56 | 8° 7 | 20°24 | 1°17 | 29°35 | 7°41 | 23° 5 | 6°20 | 5°27 | 17°27 | 11°17 | S 14 |
| M15 | 23 37 19 | 23° 1'15 | 2 m 25 | 20°18 | 7°58 | 8°45 | 20°37 | 1°15 | 29°38 | 7°40 | 23° 7 | 6°12 | 5°24 | 17°33 | 11°14 | M15 |
| T 16 | 23 41 16 | 23°59'07 | 17°23 | 21°15 | 9° 1 | 9°23 | 20°50 | 1°14 | 29°40 | 7°40 | 23° 9 | 6° 3 | 5°21 | 17°40 | 11°12 | T 16 |
| W17 | 23 45 13 | 24°57'00 | 2 ≏ 34 | 22°10 | 10° 4 | 10° 1 | 21° 3 | 1°12 | 29°43 | 7°40 | 23°11 | 5°52 | 5°17 | 17°47 | 11° 9 | W17 |
| T 18 | 23 49 9 | 25°54'54 | 17°47 | 23° 1 | 11° 7 | 10°39 | 21°16 | 1°10 | 29°45 | 7°40 | 23°13 | 5°42 | 5°14 | 17°53 | 11° 7 | T 18 |
| F 19 | 23 53 6 | 26°52'50 | 2 m 53 | 23°49 | 12°11 | 11°18 | 21°29 | 1° 9 | 29°47 | 7°D40 | 23°15 | 5°32 | 5°11 | 18° 0 | 11° 4 | F 19 |
| S 20 | 23 57 2 | 27°50'46 | 17°41 | 24°33 | 13°15 | 11°56 | 21°42 | 1° 7 | 29°50 | 7°40 | 23°17 | 5°26 | 5° 8 | 18° 7 | 11° 1 | S 20 |
| S 21 | 0 0 59 | 28°48'45 | 2 ₹ 6 | 25°14 | 14°19 | 12°35 | 21°55 | 1° 6 | 29°52 | 7°40 | 23°19 | 5°21 | 5° 5 | 18°14 | 10°59 | S 21 |
| M22 | 0 4 55 | 29°46'44 | 16° 5 | 25°52 | 15°23 | 13°13 | 22° 8 | 1° 4 | 29°54 | 7°40 | 23°21 | 5°20 | 5° 1 | 18°20 | 10°56 | M22 |
| T 23 | 0 8 52 | 0 ≏ 44'45 | 29°38 | 26°25 | 16°28 | 13°52 | 22°21 | 1° 3 | 29°56 | 7°40 | 23°23 | 5°19 | 4°58 | 18°27 | 10°53 | T 23 |
| W24 | 0 12 48 | 1°42'46 | 12 る 49 | 26°54 | 17°32 | 14°31 | 22°34 | 1° 2 | 29°58 | 7°41 | 23°26 | 5°19 | 4°55 | 18°34 | 10°51 | W24 |
| T 25 | 0 16 45 | 2°40'49 | 25°39 | 27°18 | 18°37 | 15°10 | 22°47 | 1° 1 | 0Ω 0 | 7°41 | 23°28 | 5°18 | 4°52 | 18°40 | 10°48 | T 25 |
| F 26 | 0 20 42 | 3°38'53 | 8≈14 | 27°37 | 19°43 | 15°48 | 23° 0 | 1° 0 | 0° 2 | 7°41 | 23°30 | 5°15 | 4°49 | 18°47 | 10°45 | F 26 |
| S 27 | 0 24 38 | 4°36'59 | 20°36 | 27°52 | 20°48 | 16°27 | 23°13 | 1° 0 | 0° 4 | 7°41 | 23°32 | 5° 9 | 4°46 | 18°54 | 10°43 | S 27 |
| S 28 | 0 28 35 | 5°35'06 | 2) (48 | 28° 0 | 21°54 | 17° 6 | 23°26 | 0°59 | 0° 6 | 7°42 | 23°34 | 5° 1 | 4°42 | 19° 1 | 10°40 | S 28 |
| M29 | 0 32 31 | 6°33'14 | 14°53 | 28°R 4 | 23° 0 | 17°46 | 23°39 | 0°58 | 0° 8 | 7°42 | 23°37 | 4°50 | 4°39 | 19° 7 | 10°37 | M29 |
| T 30 | 0 36 28 | 7 ≏ 31'24 | 26) 52 | 28 ♀ 1 | 24 N 6 | 18 M 25 | 23 m 52 | 0≈58 | 0Ω10 | 7 る 42 | 23 ≙ 39 | 4 る 37 | 4 궁 36 | 19 Υ 14 | 10 Y 34 | T 30 |

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| Day | Sid.t | \odot | D | ğ | φ | ♂ | 4 | ħ |)Å(| ¥ | Р | v | Ω | Ç | ď | Day |
|------|---------|------------------|-----------------|----------------|-----------------|---------------|---------------|-------|-----------------------------------|---------------|----------------|---------------|---------------|----------------|----------------|------|
| W 1 | 0 40 24 | 8 ₾ 29'36 | 8 Υ 48 | 27°R51 | 25 Ω 12 | 19 M 4 | 24 Mp 5 | 0°R57 | 0 Ω 12 | 7 云 43 | 23 ≏ 41 | 4°R22 | 4 る 33 | 19 Y 21 | 10°R32 | W 1 |
| T 2 | 0 44 21 | 9°27'49 | 20°41 | 27 ≏ 36 | 26°19 | 19°43 | 24°17 | 0≈57 | 0°14 | 7°43 | 23°43 | 4る 9 | 4°30 | 19°27 | 10 Υ 29 | T 2 |
| F 3 | 0 48 17 | 10°26'04 | 2 8 33 | 27°13 | 27°26 | 20°23 | 24°30 | 0°57 | 0°15 | 7°44 | 23°45 | 3°56 | 4°27 | 19°34 | 10°26 | F 3 |
| S 4 | 0 52 14 | 11°24'20 | 14°25 | 26°45 | 28°32 | 21° 2 | 24°43 | 0°57 | 0°17 | 7°44 | 23°48 | 3°46 | 4°23 | 19°41 | 10°23 | S 4 |
| S 5 | 0 56 10 | 12°22'39 | 26°20 | 26° 9 | 29°40 | 21°42 | 24°56 | 0°D57 | 0°19 | 7°45 | 23°50 | 3°38 | 4°20 | 19°48 | 10°21 | S 5 |
| M 6 | 1 0 7 | 13°20'59 | 8 II 20 | 25°28 | 0 m /47 | 22°21 | 25° 9 | 0°57 | 0°20 | 7°45 | 23°52 | 3°33 | 4°17 | 19°54 | 10°18 | M 6 |
| T 7 | 1 4 4 | 14°19'22 | 20°31 | 24°40 | 1°54 | 23° 1 | 25°21 | 0°57 | 0°22 | 7°46 | 23°54 | 3°31 | 4°14 | 20° 1 | 10°15 | T 7 |
| W 8 | 1 8 0 | 15°17'47 | 2955 | 23°47 | 3° 2 | 23°40 | 25°34 | 0°57 | 0°23 | 7°46 | 23°57 | 3°D30 | 4°11 | 20° 8 | 10°12 | W 8 |
| T 9 | 1 11 57 | 16°16'13 | 15°37 | 22°50 | 4°10 | 24°20 | 25°47 | 0°57 | 0°25 | 7°47 | 23°59 | 3°R31 | 4° 7 | 20°15 | 10°10 | T 9 |
| F 10 | 1 15 53 | 17°14'42 | 28°42 | 21°50 | 5°18 | 25° 0 | 25°59 | 0°58 | 0°26 | 7°48 | 24° 1 | 3°30 | 4° 4 | 20°21 | 10° 7 | F 10 |
| S 11 | 1 19 50 | 18°13'13 | 12 \O 15 | 20°47 | 6°26 | 25°40 | 26°12 | 0°58 | 0°28 | 7°48 | 24° 3 | 3°28 | 4° 1 | 20°28 | 10° 4 | S 11 |
| S 12 | 1 23 46 | 19°11'45 | 26°16 | 19°43 | 7°35 | 26°20 | 26°24 | 0°59 | 0°29 | 7°49 | 24° 6 | 3°24 | 3°58 | 20°35 | 10° 2 | S 12 |
| M13 | 1 27 43 | 20°10'20 | 10 m /46 | 18°40 | 8°43 | 27° 0 | 26°37 | 1° 0 | 0°30 | 7°50 | 24° 8 | 3°17 | 3°55 | 20°41 | 9°59 | M13 |
| T 14 | 1 31 39 | 21° 8'57 | 25°42 | 17°39 | 9°52 | 27°40 | 26°49 | 1° 1 | 0°31 | 7°51 | 24°10 | 3° 8 | 3°52 | 20°48 | 9°56 | T 14 |
| W15 | 1 35 36 | 22° 7'36 | 10 ≏ 54 | 16°42 | 11° 1 | 28°21 | 27° 2 | 1° 2 | 0°32 | 7°51 | 24°13 | 2°58 | 3°48 | 20°55 | 9°54 | W15 |
| T 16 | 1 39 33 | 23° 6'17 | 26°14 | 15°51 | 12°10 | 29° 1 | 27°14 | 1° 3 | 0°34 | 7°52 | 24°15 | 2°48 | 3°45 | 21° 2 | 9°51 | T 16 |
| F 17 | 1 43 29 | 24° 4'59 | 11 M 29 | 15° 5 | 13°19 | 29°41 | 27°27 | 1° 4 | 0°35 | 7°53 | 24°17 | 2°39 | 3°42 | 21° 8 | 9°48 | F 17 |
| S 18 | 1 47 26 | 25° 3'44 | 26°29 | 14°28 | 14°28 | 0 ≯ 22 | 27°39 | 1° 5 | 0°36 | 7°54 | 24°19 | 2°32 | 3°39 | 21°15 | 9°46 | S 18 |
| S 19 | 1 51 22 | 26° 2'30 | 11 × 7 6 | 14° 0 | 15°37 | 1° 2 | 27°51 | 1° 6 | 0°37 | 7°55 | 24°22 | 2°28 | 3°36 | 21°22 | 9°43 | S 19 |
| M20 | 1 55 19 | 27° 1'18 | 25°16 | 13°40 | 16°47 | 1°43 | 28° 3 | 1°8 | 0°37 | 7°56 | 24°24 | 2°26 | 3°32 | 21°28 | 9°40 | M20 |
| T 21 | 1 59 15 | 28° 0'08 | 8 云 57 | 13°D31 | 17°57 | 2°23 | 28°15 | 1° 9 | 0°38 | 7°57 | 24°26 | 2°D26 | 3°29 | 21°35 | 9°38 | T 21 |
| W22 | 2 3 12 | 28°58'59 | 22°11 | 13°32 | 19° 7 | 3° 4 | 28°28 | 1°11 | 0°39 | 7°58 | 24°29 | 2°27 | 3°26 | 21°42 | 9°35 | W22 |
| T 23 | 2 7 8 | 29°57'52 | 5≈ 2 | 13°44 | 20°16 | 3°45 | 28°40 | 1°13 | 0°40 | 7°59 | 24°31 | 2°R27 | 3°23 | 21°49 | 9°33 | T 23 |
| F 24 | 2 11 5 | 0 M 56'46 | 17°34 | 14° 5 | 21°27 | 4°26 | 28°52 | 1°15 | 0°41 | 8° 0 | 24°33 | 2°25 | 3°20 | 21°55 | 9°30 | F 24 |
| S 25 | 2 15 2 | 1°55'42 | 29°50 | 14°36 | 22°37 | 5° 7 | 29° 4 | 1°16 | 0°41 | 8° 1 | 24°35 | 2°22 | 3°17 | 22° 2 | 9°28 | S 25 |
| S 26 | 2 18 58 | 2°54'40 | 11) 56 | 15°16 | 23°47 | 5°48 | 29°16 | 1°18 | 0°42 | 8° 3 | 24°38 | 2°15 | 3°13 | 22° 9 | 9°25 | S 26 |
| M27 | 2 22 55 | 3°53'39 | 23°55 | 16° 5 | 24°57 | 6°29 | 29°27 | 1°21 | 0°42 | 8° 4 | 24°40 | 2° 7 | 3°10 | 22°15 | 9°23 | M27 |
| T 28 | 2 26 51 | 4°52'41 | 5 Υ 49 | 17° 2 | 26° 8 | 7°10 | 29°39 | 1°23 | 0°43 | 8° 5 | 24°42 | 1°57 | 3° 7 | 22°22 | 9°21 | T 28 |
| W29 | 2 30 48 | 5°51'44 | 17°41 | 18° 6 | 27°19 | 7°51 | 29°51 | 1°25 | 0°43 | 8° 6 | 24°45 | 1°46 | 3° 4 | 22°29 | 9°18 | W29 |
| T 30 | 2 34 44 | 6°50'48 | 29°34 | 19°16 | 28°29 | 8°32 | 0 ₾ 3 | 1°27 | 0°44 | <u>8°</u> 8 | 24°47 | <u>1°35</u> | 3° 1 | 22°36 | 9°16 | T 30 |
| F 31 | 2 38 41 | 7 M 49'55 | 11828 | 20 ჲ 32 | 29 m /40 | 9 才 14 | 0 ჲ 14 | 1≈30 | 0 Ω 44 | 8 5 9 | 24 ≏ 49 | 1 る 25 | 2 ろ 58 | 22 Y 42 | 9 Υ 13 | F 31 |

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|-------------|--------------------|----------------------|------------------------|-----------------------|----------------|-----------------|---------------|--------------|---------------|---------------|----------------|---------------|----------------|----------------|---------------|-------------|
| S 1 | 2 42 37 | 8 M 49'04 | 23 8 25 | 21 ≏ 53 | 0 ჲ 51 | 9 .7 155 | 0 ჲ 26 | 1≈33 | 0 Ω 44 | 8 궁 10 | 24 ≏ 51 | 1°R17 | 2 ප් 54 | 22 Y 49 | 9°R11 | S 1 |
| S 2 | 2 46 34 | 9°48'15 | 5 Ⅱ 26 | 23°18 | 2° 3 | 10°36 | 0°37 | 1°35 | 0°44 | 8°12 | 24°53 | 1 る 12 | 2°51 | 22°56 | 9 Υ 9 | S 2 |
| M 3 | 2 50 30 | 10°47'28 | 17°35 | 24°47 | 3°14 | 11°18 | 0°49 | 1°38 | 0°45 | 8°13 | 24°56 | 1° 8 | 2°48 | 23° 2 | 9° 7 | M 3 |
| T 4 | 2 54 27 | 11°46'44 | 29°52 | 26°19 | 4°25 | 11°59 | 1° 0 | 1°41 | 0°45 | 8°14 | 24°58 | 1°D 7 | 2°45 | 23° 9 | 9° 4 | T 4 |
| W 5 | 2 58 24 | 12°46'01 | 129521 | 27°54 | 5°37 | 12°41 | 1°11 | 1°44 | 0°45 | 8°16 | 25° 0 | 1° 8 | 2°42 | 23°16 | 9° 2 | W 5 |
| T 6 F 7 | 3 2 20 3 6 17 | 13°45'21 14°44'42 | 25° 6 | 29°31 1 ጤ 9 | 6°48 8° 0 | 13°23 14° 5 | 1°22 1°33 | 1°47 1°50 | 0°R45 0°45 | 8°17 8°19 | 25° 2 25° 5 | 1° 9 1°10 | 2°38 2°35 | 23°23 23°29 | 9° 0 8°58 | T 6 F 7 |
| S 8 | 3 10 13 | 14°44'42 15°44'06 | 8 Ω 11 21°37 | 2°49 | 9°12 | 14° 3 | 1°33 | 1°53 | 0°45 | 8°20 | 25° 7 | 1°R10 | 2°32 | 23°29 23°36 | 8°56 | S 8 |
| | | | | - | - | - | | | | | | | | | | |
| S 9 | 3 14 10 | 16°43'32 | 5 m 29 | 4°29 | 10°24 | 15°28 | 1°55 | 1°56 | 0°44 | 8°22 | 25° 9 | 1° 9 | 2°29 | 23°43 | 8°54 | S 9 |
| M10 | 3 18 6 | 17°43'01 | 19°45 | 6°11 | 11°36 | 16°10 | 2° 6 | 2° 0 | 0°44 | 8°23 | 25°11 | 1° 5 | 2°26 | 23°49 | 8°52 | M10 |
| T 11 W12 | 3 22 3 | 18°42'31 | 4 <u>Ω</u> 25 | 7°52 9°35 | 12°48 14° 0 | 16°53 17°35 | 2°17 2°28 | 2° 3 2° 7 | 0°44 0°44 | 8°25 8°27 | 25°13 | 1° 0 | 2°23 2°19 | 23°56 24° 3 | 8°50 8°48 | T 11 W12 |
| T 13 | 3 25 59 3 29 56 | 19°42'04 20°41'39 | 19°23 4MJ31 | 9°33 11°17 | 15°12 | 17°33 18°17 | 2°28 2°39 | 2°10 | 0°43 | 8°27 8°28 | 25°15 25°17 | 0°54 0°48 | 2°16 | 24° 3 24°10 | 8°46 | T 13 |
| F 14 | 3 33 53 | 20 41 39 21°41'16 | 19°39 | 12°59 | 16°24 | 18°59 | 2°49 | 2°14 | 0°43 | 8°30 | 25°20 | 0°42 | 2°13 | 24°16 | 8°44 | F 14 |
| S 15 | 3 37 49 | 22°40'55 | 4 × 738 | 14°41 | 17°37 | 19°41 | 3° 0 | 2°18 | 0°42 | 8°32 | 25°22 | 0°38 | 2°10 | 24°23 | 8°43 | S 15 |
| S 16 | 3 41 46 | 23°40'36 | 19°18 | 16°23 | 18°49 | 20°24 | 3°10 | 2°22 | 0°42 | 8°33 | 25°24 | 0°36 | 2° 7 | 24°30 | 8°41 | S 16 |
| M17 | 3 41 40 | 23 40 36 24°40'19 | 19 18 3 云 34 | 10 23 18° 5 | 20° 2 | 20°24 21°6 | 3°20 | 2°26 | 0°42 | 8°35 | 25°26 | 0°D35 | 2° 4 | 24°36 | 8°39 | M17 |
| T 18 | 3 49 39 | 25°40'04 | 17°23 | 19°46 | 20°2 21°14 | 21°49 | 3°31 | 2°30 | 0°41 | 8°37 | 25°28 | 0°36 | 2° 0 | 24°43 | 8°38 | T 18 |
| W19 | 3 53 35 | 26°39'50 | 0≈45 | 21°27 | 22°27 | 22°31 | 3°41 | 2°34 | 0°40 | 8°39 | 25°30 | 0°38 | 1°57 | 24°50 | 8°36 | W19 |
| T 20 | 3 57 32 | 27°39'37 | 13°42 | 23° 8 | 23°40 | 23°14 | 3°51 | 2°38 | 0°39 | 8°40 | 25°32 | 0°39 | 1°54 | 24°57 | 8°34 | T 20 |
| F 21 | 4 1 29 | 28°39'26 | 26°17 | 24°48 | 24°53 | 23°57 | 4° 1 | 2°42 | 0°38 | 8°42 | 25°34 | 0°R40 | 1°51 | 25° 3 | 8°33 | F 21 |
| S 22 | 4 5 25 | 29°39'17 | 8 ∺ 35 | 26°28 | 26° 6 | 24°40 | 4°10 | 2°47 | 0°38 | 8°44 | 25°36 | 0°40 | 1°48 | 25°10 | 8°31 | S 22 |
| S 23 | 4 9 22 | 0 . ₹39'09 | 20°39 | 28° 7 | 27°19 | 25°23 | 4°20 | 2°51 | 0°37 | 8°46 | 25°38 | 0°38 | 1°44 | 25°17 | 8°30 | S 23 |
| M24 | 4 13 18 | 1°39'03 | 2 Y 36 | 29°46 | 28°32 | 26° 5 | 4°30 | 2°56 | 0°36 | 8°48 | 25°40 | 0°35 | 1°41 | 25°23 | 8°29 | M24 |
| T 25 | 4 17 15 | 2°38'58 | 14°28 | 1 √ 124 | 29°45 | 26°48 | 4°39 | 3° 0 | 0°35 | 8°50 | 25°42 | 0°31 | 1°38 | 25°30 | 8°27 | T 25 |
| W26 | 4 21 11 | 3°38'56 | 26°20 | 3° 2 | 0 M .58 | 27°31 | 4°49 | 3° 5 | 0°34 | 8°52 | 25°44 | 0°26 | 1°35 | 25°37 | 8°26 | W26 |
| T 27 | 4 25 8 | 4°38'54 | 8 8 14 | 4°39 | 2°11 | 28°15 | 4°58 | 3° 9 | 0°33 | 8°54 | 25°46 | 0°21 | 1°32 | 25°43 | 8°25 | T 27 |
| F 28 | 4 29 4 | 5°38'55 | 20°12 | 6°16 | 3°25 | 28°58 | 5° 7 | 3°14 | 0°32 | 8°55 | 25°47 | 0°17 | 1°29 | 25°50 | 8°24 | F 28 |
| S 29 | 4 33 1 | 6°38'57 | 2 Ⅱ 17 | 7°53 | 4°38 | 29°41 | 5°16 | 3°19 | 0°30 | 8°57 | 25°49 | 0°14 | 1°25 | 25°57 | 8°23 | S 29 |
| S 30 | 4 36 58 | 7 ∡ 739′01 | 14 Ⅱ 30 | 9 ∡ 129 | 5 M 51 | 0 ට 24 | 5 ≗ 25 | 3≈24 | 0 Ω 29 | 8 궁 59 | 25 ≙ 51 | 0 궁 12 | 1 3 22 | 26 Y 4 | 8 Υ 21 | S 30 |

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|--------------|--------------------|----------------------|-------------------------------------|----------------|----------------|----------------|---------------|--------------|--------------|--------------|----------------|---------------|-----------------|----------------|---------------|--------------|
| M 1 | 4 40 54 | 8 ∡ ³39'07 | 26∏52 | 11 ×7 5 | 7 M 5 | 1る8 | 5 ₽ 34 | 3≈29 | 0°R28 | 9 ට 1 | 25 ≏ 53 | 0°D11 | 1 る 19 | 26 Y 10 | 8°R20 | M 1 |
| T 2 | 4 44 51 | 9°39'15 | 9925 | 12°41 | 8°19 | 1°51 | 5°43 | 3°34 | 0Ω 27 | 9° 3 | 25°55 | 0 ਰ 11 | 1°16 | 26°17 | 8 Ƴ 19 | T 2 |
| W 3 | 4 48 47 | 10°39'24 | 22°10 | 14°16 | 9°32 | 2°35 | 5°51 | 3°39 | 0°25 | 9° 5 | 25°57 | 0°12 | 1°13 | 26°24 | 8°19 | W 3 |
| T 4 | 4 52 44 | 11°39'35 | 5 Ω 8 | 15°50 | 10°46 | 3°18 | 6° 0 | 3°44 | 0°24 | 9° 8 | 25°58 | 0°13 | 1°10 | 26°30 | 8°18 | T 4 |
| F 5 | 4 56 40 | 12°39'49 | 18°21 | 17°25 | 12° 0 | 4° 2 | 6° 8 | 3°50 | 0°22 | 9°10 | 26° 0 | 0°15 | 1° 6 | 26°37 | 8°17 | F 5 |
| S 6 | 5 0 37 | 13°40'04 | 1 m) 51 | 18°59 | 13°13 | 4°45 | 6°17 | 3°55 | 0°21 | 9°12 | 26° 2 | 0°16 | 1° 3 | 26°44 | 8°16 | S 6 |
| S 7 | 5 4 33 | 14°40'21 | 15°38 | 20°33 | 14°27 | 5°29 | 6°25 | 4° 0 | 0°19 | 9°14 | 26° 3 | 0°R16 | 1° 0 | 26°51 | 8°15 | S 7 |
| M 8 | 5 8 30 | 15°40'39 | 29°42 | 22° 6 | 15°41 | 6°13 | 6°33 | 4° 6 | 0°18 | 9°16 | 26° 5 | 0°16 | 0°57 | 26°57 | 8°15 | M 8 |
| T 9 | 5 12 27 | 16°41'00 | 14₾ 4 | 23°40 | 16°55 | 6°57 | 6°41 | 4°11 | 0°16 | 9°18 | 26° 7 | 0°15 | 0°54 | 27° 4 | 8°14 | T 9 |
| W10 | 5 16 23 | 17°41'23 | 28°38 | 25°13 | 18° 9 | 7°41 | 6°48 | 4°17 | 0°14 0°13 | 9°20 9°22 | 26° 8 | 0°13 | 0°50 | 27°11 | 8°14 | W10 |
| T 11 F 12 | 5 20 20 5 24 16 | 18°41'47 19°42'14 | 13 M ₂ 1 28° 6 | 26°46 28°18 | 19°23 20°37 | 8°25 9° 9 | 6°56 7°4 | 4°22 4°28 | 0°13 0°11 | 9°22 9°24 | 26°10 26°11 | 0°12 0°10 | 0°47 0°44 | 27°17 27°24 | 8°13 8°13 | T 11 F 12 |
| S 13 | 5 28 13 | 20°42'42 | 12×747 | 28 18 29°51 | 20°51 | 9°53 | 7°11 | 4°34 | 0° 9 | 9°24 9°26 | 26°13 | 0° 9 | 0°41 | 27°31 | 8°12 | S 13 |
| | | - | | | _ | | | _ | 0 / | | | 0 / | | | _ | |
| S 14 | 5 32 9 | 21°43'12 | 27°15 | 1 궁 23 | 23° 6 | 10°37 | 7°18 | 4°40 | 0° 7 | 9°29 | 26°14 | 0°D 9 | 0°38 | 27°38 | 8°12 | S 14 |
| M15 | 5 36 6 | 22°43'43 | 11 중 26 | 2°55 | 24°20 | 11°21 | 7°25 | 4°45 | 0° 6 0° 4 | 9°31 9°33 | 26°16 | 0° 9 | 0°35 | 27°44 | 8°12 | M15 |
| T 16 W17 | 5 40 2 5 43 59 | 23°44'15 24°44'48 | 25°15 8 ≈ 40 | 4°27 5°58 | 25°34 26°48 | 12° 5 12°50 | 7°32 7°39 | 4°51 4°57 | 0° 4 0° 2 | 9°33 | 26°17 26°19 | 0°10 0°10 | 0°31 0°28 | 27°51 27°58 | 8°11 8°11 | T 16 W17 |
| T 18 | 5 47 56 | 25°45'23 | 21°42 | 7°30 | 28° 3 | 12°34 | 7°46 | 5° 3 | 29959 | 9°37 | 26°20 | 0°11 | 0°25 | 27 38 28° 4 | 8°11 | T 18 |
| F 19 | 5 51 52 | 26°45'59 | 4)(22 | 9° 1 | 29°17 | 14°19 | 7°52 | 5° 9 | 29°58 | 9°40 | 26°22 | 0°11 | 0°22 | 28°11 | 8°D11 | F 19 |
| S 20 | 5 55 49 | 27°46'36 | 16°44 | 10°32 | 0 ₹ 31 | 15° 3 | 7°58 | 5°15 | 29°56 | 9°42 | 26°23 | 0°11 | 0°19 | 28°18 | 8°11 | S 20 |
| S 21 | 5 59 45 | 28°47'13 | 28°51 | 12° 3 | 1°46 | 15°48 | 8° 5 | 5°22 | 29°54 | 9°44 | 26°24 | 0°R11 | 0°16 | 28°25 | 8°11 | S 21 |
| M22 | 6 3 42 | 29°47'52 | 10 Υ 48 | 13°33 | 3° 0 | 16°32 | 8°11 | 5°28 | 29°52 | 9°46 | 26°25 | 0°D11 | 0°12 | 28°31 | 8°11 | M22 |
| T 23 | 6 7 38 | 0 ප් 48'32 | 22°40 | 15° 3 | 4°15 | 17°17 | 8°17 | 5°34 | 29°49 | 9°49 | 26°27 | 0°11 | 0° 9 | 28°38 | 8°12 | T 23 |
| W24 | 6 11 35 | 1°49'13 | 4832 | 16°33 | 5°29 | 18° 2 | 8°22 | 5°40 | 29°47 | 9°51 | 26°28 | 0°12 | 0° 6 | 28°45 | 8°12 | W24 |
| T 25 | 6 15 31 | 2°49'55 | 16°27 | 18° 3 | 6°44 | 18°47 | 8°28 | 5°47 | 29°45 | 9°53 | 26°29 | 0°12 | 0° 3 | 28°51 | 8°12 | T 25 |
| F 26 | 6 19 28 | 3°50'38 | 28°30 | 19°32 | 7°58 | 19°31 | 8°33 | 5°53 | 29°43 | 9°55 | 26°30 | 0°12 | 29 × 759 | 28°58 | 8°12 | F 26 |
| S 27 | 6 23 25 | 4°51'22 | 10 Ⅱ 43 | 21° 0 | 9°13 | 20°16 | 8°39 | 5°59 | 29°41 | 9°58 | 26°31 | 0°13 | 29°56 | 29° 5 | 8°13 | S 27 |
| S 28 | 6 27 21 | 5°52'07 | 23° 8 | 22°28 | 10°28 | 21° 1 | 8°44 | 6° 6 | 29°38 | 10° 0 | 26°32 | 0°13 | 29°53 | 29°11 | 8°13 | S 28 |
| M29 | 6 31 18 | 6°52'53 | 59547 | 23°55 | 11°42 | 21°46 | 8°49 | 6°12 | 29°36 | 10° 2 | 26°34 | 0°R13 | 29°50 | 29°18 | 8°14 | M29 |
| T 30 | 6 35 14 | 7°53'40 | 18°41 | 25°22 | 12°57 | 22°31 | 8°53 | 6°19 | 29°34 | 10° 4 | 26°35 | 0°13 | 29°47 | 29°25 | 8°14 | T 30 |
| W31 | 6 39 11 | 8 궁 54'28 | 1 Ω 49 | 26 궁 47 | 14 × 12 | 23 궁 16 | 8 亞 58 | 6≈25 | 29931 | 10궁 7 | 26 ≏ 36 | 0 궁 12 | 29 × 744 | 29 Y 32 | 8 Ƴ 15 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)ұ(| 卉 | В | ß | ß | ţ | ę, | Day |
|------|---------|------------------|-----------------|----------------|----------------|-------|---------------|-------|--------|----------------|----------------|-----------------------------|----------------|----------------|---------------|------|
| T 1 | 6 43 7 | 9 ට 55'17 | 15 Ω 11 | 28 궁 12 | 15 ₹ 26 | 24る 2 | 9 ₾ 2 | 6≈32 | 29°R29 | 10궁 9 | 26 ≏ 37 | 0°R11 | 29 х 41 | 29 Y 38 | 8 Υ 16 | T 1 |
| F 2 | 6 47 4 | 10°56'08 | 28°45 | 29°35 | 16°41 | 24°47 | 9° 7 | 6°39 | 299527 | 10°11 | 26°37 | 0중 9 | 29°37 | 29°45 | 8°16 | F 2 |
| S 3 | 6 51 1 | 11°56'59 | 12 m /31 | 0≈57 | 17°56 | 25°32 | 9°11 | 6°45 | 29°24 | 10°13 | 26°38 | 0° 8 | 29°34 | 29°52 | 8°17 | S 3 |
| S 4 | 6 54 57 | 12°57'52 | 26°26 | 2°16 | 19°11 | 26°17 | 9°15 | 6°52 | 29°22 | 10°16 | 26°39 | 0° 7 | 29°31 | 29°58 | 8°18 | S 4 |
| M 5 | 6 58 54 | 13°58'45 | 10 ≏ 30 | 3°34 | 20°26 | 27° 3 | 9°19 | 6°59 | 29°19 | 10°18 | 26°40 | 0°D 6 | 29°28 | 0 8 5 | 8°19 | M 5 |
| T 6 | 7 2 50 | 14°59'40 | 24°40 | 4°50 | 21°40 | 27°48 | 9°22 | 7° 5 | 29°17 | 10°20 | 26°41 | 0° 6 | 29°25 | 0°12 | 8°20 | T 6 |
| W 7 | 7 6 47 | 16° 0'36 | 8 M .54 | 6° 3 | 22°55 | 28°34 | 9°25 | 7°12 | 29°14 | 10°22 | 26°42 | 0° 7 | 29°22 | 0°18 | 8°21 | W 7 |
| T 8 | 7 10 43 | 17° 1'33 | 23°11 | 7°13 | 24°10 | 29°19 | 9°29 | 7°19 | 29°12 | 10°25 | 26°42 | 0° 8 | 29°18 | 0°25 | 8°22 | T 8 |
| F 9 | 7 14 40 | 18° 2'32 | 7 .₹ 27 | 8°18 | 25°25 | 0≈ 5 | 9°32 | 7°26 | 29° 9 | 10°27 | 26°43 | 0°10 | 29°15 | 0°32 | 8°23 | F 9 |
| S 10 | 7 18 36 | 19° 3'31 | 21°39 | 9°20 | 26°40 | 0°50 | 9°35 | 7°33 | 29° 7 | 10°29 | 26°44 | 0°11 | 29°12 | 0°39 | 8°24 | S 10 |
| S 11 | 7 22 33 | 20° 4'31 | 5 七 42 | 10°17 | 27°55 | 1°36 | 9°37 | 7°39 | 29° 4 | 10°31 | 26°44 | 0°R11 | 29° 9 | 0°45 | 8°25 | S 11 |
| M12 | 7 26 30 | 21° 5'32 | 19°34 | 11°8 | 29°10 | 2°22 | 9°40 | 7°46 | 29° 2 | 10°34 | 26°45 | 0°10 | 29° 6 | 0°52 | 8°27 | M12 |
| T 13 | 7 30 26 | 22° 6'33 | 3≈10 | 11°52 | 0 궁 25 | 3° 7 | 9°42 | 7°53 | 28°59 | 10°36 | 26°46 | 0° 8 | 29° 2 | 0°59 | 8°28 | T 13 |
| W14 | 7 34 23 | 23° 7'34 | 16°28 | 12°30 | 1°40 | 3°53 | 9°44 | 8° 0 | 28°57 | 10°38 | 26°46 | 0° 4 | 28°59 | 1° 5 | 8°29 | W14 |
| T 15 | 7 38 19 | 24° 8'37 | 29°28 | 12°59 | 2°55 | 4°39 | 9°46 | 8° 7 | 28°54 | 10°40 | 26°47 | 0° 0 | 28°56 | 1°12 | 8°31 | T 15 |
| F 16 | 7 42 16 | 25° 9'39 | 12) 8 | 13°18 | 4°10 | 5°25 | 9°48 | 8°14 | 28°52 | 10°42 | 26°47 | 29 × 756 | 28°53 | 1°19 | 8°32 | F 16 |
| S 17 | 7 46 12 | 26°10'42 | 24°32 | 13°R28 | 5°25 | 6°11 | 9°49 | 8°21 | 28°49 | 10°45 | 26°48 | 29°53 | 28°50 | 1°26 | 8°34 | S 17 |
| S 18 | 7 50 9 | 27°11'44 | 6 Υ 40 | 13°28 | 6°40 | 6°57 | 9°51 | 8°28 | 28°46 | 10°47 | 26°48 | 29°50 | 28°47 | 1°32 | 8°35 | S 18 |
| M19 | 7 54 5 | 28°12'47 | 18°39 | 13°15 | 7°55 | 7°43 | 9°52 | 8°35 | 28°44 | 10°49 | 26°48 | 29°48 | 28°43 | 1°39 | 8°37 | M19 |
| T 20 | 7 58 2 | 29°13'50 | 0831 | 12°51 | 9°11 | 8°29 | 9°53 | 8°42 | 28°41 | 10°51 | 26°49 | 29°D47 | 28°40 | 1°46 | 8°39 | T 20 |
| W21 | 8 1 59 | 0≈14'53 | 12°22 | 12°15 | 10°26 | 9°15 | 9°54 | 8°49 | 28°39 | 10°53 | 26°49 | 29°48 | 28°37 | 1°52 | 8°40 | W21 |
| T 22 | 8 5 5 5 | 1°15'57 | 24°17 | 11°28 | 11°41 | 10° 1 | 9°54 | 8°56 | 28°36 | 10°56 | 26°49 | 29°50 | 28°34 | 1°59 | 8°42 | T 22 |
| F 23 | 8 9 52 | 2°17'00 | 6 Ⅱ 21 | 10°30 | 12°56 | 10°48 | 9°55 | 9° 3 | 28°33 | 10°58 | 26°49 | 29°51 | 28°31 | 2° 6 | 8°44 | F 23 |
| S 24 | 8 13 48 | 3°18'03 | 18°37 | 9°23 | 14°11 | 11°34 | 9°55 | 9°10 | 28°31 | 11° 0 | 26°50 | 29°53 | 28°28 | 2°12 | 8°46 | S 24 |
| S 25 | 8 17 45 | 4°19'06 | 19911 | 8° 9 | 15°26 | 12°20 | 9°R55 | 9°18 | 28°28 | 11° 2 | 26°50 | 29°R53 | 28°24 | 2°19 | 8°48 | S 25 |
| M26 | 8 21 41 | 5°20'10 | 14° 3 | 6°50 | 16°41 | 13° 6 | 9°55 | 9°25 | 28°26 | 11° 4 | 26°50 | 29°52 | 28°21 | 2°26 | 8°50 | M26 |
| T 27 | 8 25 38 | 6°21'13 | 27°16 | 5°29 | 17°56 | 13°53 | 9°54 | 9°32 | 28°23 | 11° 6 | 26°50 | 29°50 | 28°18 | 2°33 | 8°52 | T 27 |
| W28 | 8 29 35 | 7°22'16 | 10 Ω 49 | 4° 8 | 19°12 | 14°39 | 9°54 | 9°39 | 28°21 | 11° 8 | 26°50 | 29°45 | 28°15 | 2°39 | 8°54 | W28 |
| T 29 | 8 33 31 | 8°23'19 | 24°39 | 2°50 | 20°27 | 15°26 | 9°53 | 9°46 | 28°18 | 11°10 | 26°R50 | 29°39 | 28°12 | 2°46 | 8°56 | T 29 |
| F 30 | 8 37 28 | 9°24'22 | 8 m /43 | 1°37 | 2 <u>1°</u> 42 | 16°12 | 9°52 | 9°53 | 28°16 | 1 <u>1</u> °12 | 26°50 | 29°33 | 28° 8 | 2°53 | 8°58 | F 30 |
| S 31 | 8 41 24 | 10≈25′25 | 22 m 55 | 0≈32 | 22 る 57 | 16≈59 | 9 ≙ 51 | 10≈ 0 | 289513 | 11중14 | 26 ♀ 50 | 29 × ⁷ 26 | 28 × 5 | 2 8 59 | 9 Υ 0 | S 31 |

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|------|----------|--------------------|----------------|----------------|----------------|---------------|---------------|-------|--------|----------------|----------------|----------------|----------------|--------------|----------------|------|
| S 1 | 8 45 21 | 11≈26'29 | 7 ≙ 12 | 29°R34 | 24 궁 12 | 17≈45 | 9°R50 | 10≈ 7 | 28°R11 | 11 궁 16 | 26°R50 | 29°R20 | 28 × 2 | 3 8 6 | 9 Υ 3 | S 1 |
| M 2 | 8 49 17 | 12°27'32 | 21°29 | 28 궁 47 | 25°27 | 18°32 | 9 ≏ 48 | 10°14 | 2895 8 | 11°18 | 26 ♀ 50 | 29 × 17 | 27°59 | 3°13 | 9° 5 | M 2 |
| T 3 | 8 53 14 | 13°28'36 | 5 M .42 | 28° 9 | 26°43 | 19°18 | 9°46 | 10°21 | 28° 6 | 11°20 | 26°50 | 29°15 | 27°56 | 3°19 | 9° 7 | T 3 |
| W 4 | 8 57 10 | 14°29'40 | 19°50 | 27°41 | 27°58 | 20° 5 | 9°44 | 10°29 | 28° 3 | 11°22 | 26°49 | 29°D14 | 27°53 | 3°26 | 9°10 | W 4 |
| T 5 | 9 1 7 | 15°30'44 | 3 才 50 | 27°23 | 29°13 | 20°52 | 9°42 | 10°36 | 28° 1 | 11°24 | 26°49 | 29°15 | 27°49 | 3°33 | 9°12 | T 5 |
| F 6 | 9 5 4 | 16°31'48 | 17°43 | 27°14 | 0≈28 | 21°38 | 9°40 | 10°43 | 27°58 | 11°26 | 26°49 | 29°17 | 27°46 | 3°39 | 9°14 | F 6 |
| S 7 | 9 9 0 | 17°32'52 | 1 る 27 | 27°D14 | 1°44 | 22°25 | 9°37 | 10°50 | 27°56 | 11°28 | 26°49 | 29°R17 | 27°43 | 3°46 | 9°17 | S 7 |
| S 8 | 9 12 57 | 18°33'56 | 15° 3 | 27°22 | 2°59 | 23°12 | 9°35 | 10°57 | 27°54 | 11°30 | 26°48 | 29°16 | 27°40 | 3°53 | 9°19 | S 8 |
| M 9 | 9 16 53 | 19°35'00 | 28°28 | 27°38 | 4°14 | 23°59 | 9°32 | 11° 4 | 27°51 | 11°32 | 26°48 | 29°12 | 27°37 | 4° 0 | 9°22 | M 9 |
| T 10 | 9 20 50 | 20°36'03 | 11≈42 | 28° 0 | 5°29 | 24°46 | 9°29 | 11°11 | 27°49 | 11°34 | 26°48 | 29° 6 | 27°34 | 4° 6 | 9°25 | T 10 |
| W11 | 9 24 46 | 21°37'06 | 24°44 | 28°29 | 6°45 | 25°32 | 9°26 | 11°18 | 27°47 | 11°36 | 26°47 | 28°58 | 27°30 | 4°13 | 9°27 | W11 |
| T 12 | 9 28 43 | 22°38'09 | 7 ∺ 31 | 29° 4 | 8° 0 | 26°19 | 9°22 | 11°25 | 27°44 | 11°38 | 26°47 | 28°48 | 27°27 | 4°20 | 9°30 | T 12 |
| F 13 | 9 32 39 | 23°39'10 | 20° 5 | 29°44 | 9°15 | 27° 6 | 9°19 | 11°32 | 27°42 | 11°39 | 26°46 | 28°37 | 27°24 | 4°26 | 9°33 | F 13 |
| S 14 | 9 36 36 | 24°40'11 | 2 Υ 24 | 0≈29 | 10°30 | 27°53 | 9°15 | 11°39 | 27°40 | 11°41 | 26°46 | 28°27 | 27°21 | 4°33 | 9°35 | S 14 |
| S 15 | 9 40 33 | 25°41'12 | 14°31 | 1°18 | 11°46 | 28°40 | 9°11 | 11°46 | 27°38 | 11°43 | 26°45 | 28°18 | 27°18 | 4°40 | 9°38 | S 15 |
| M16 | 9 44 29 | 26°42'11 | 26°29 | 2°10 | 13° 1 | 29°27 | 9° 7 | 11°53 | 27°36 | 11°45 | 26°44 | 28°11 | 27°14 | 4°46 | 9°41 | M16 |
| T 17 | 9 48 26 | 27°43'10 | 8 8 20 | 3° 6 | 14°16 | 0 ∺ 14 | 9° 3 | 12° 0 | 27°33 | 11°46 | 26°44 | 28° 6 | 27°11 | 4°53 | 9°44 | T 17 |
| W18 | 9 52 22 | 28°44'08 | 20° 9 | 4° 6 | 15°32 | 1° 1 | 8°58 | 12° 7 | 27°31 | 11°48 | 26°43 | 28° 4 | 27° 8 | 5° 0 | 9°47 | W18 |
| T 19 | 9 56 19 | 29°45'05 | 2 II 2 | 5° 8 | 16°47 | 1°48 | 8°53 | 12°14 | 27°29 | 11°50 | 26°42 | 28°D 3 | 27° 5 | 5° 7 | 9°50 | T 19 |
| F 20 | 10 0 15 | 0) (46′00 | 14° 3 | 6°12 | 18° 2 | 2°35 | 8°49 | 12°21 | 27°27 | 11°51 | 26°42 | 28° 4 | 27° 2 | 5°13 | 9°53 | F 20 |
| S 21 | 10 4 12 | 1°46'55 | 26°19 | 7°19 | 19°17 | 3°23 | 8°44 | 12°28 | 27°25 | 11°53 | 26°41 | 28°R 4 | 26°59 | 5°20 | 9°56 | S 21 |
| S 22 | 10 8 8 | 2°47'49 | 8953 | 8°28 | 20°33 | 4°10 | 8°39 | 12°34 | 27°23 | 11°55 | 26°40 | 28° 4 | 26°55 | 5°27 | 9°59 | S 22 |
| M23 | 10 12 5 | 3°48'42 | 21°51 | 9°40 | 21°48 | 4°57 | 8°33 | 12°41 | 27°21 | 11°56 | 26°39 | 28° 1 | 26°52 | 5°33 | 10° 2 | M23 |
| T 24 | 10 16 2 | 4°49'33 | 5Ω14 | 10°53 | 23° 3 | 5°44 | 8°28 | 12°48 | 27°19 | 11°58 | 26°39 | 27°56 | 26°49 | 5°40 | 10° 5 | T 24 |
| W25 | 10 19 58 | 5°50'24 | 19° 3 | 12° 7 | 24°18 | 6°31 | 8°22 | 12°55 | 27°17 | 11°59 | 26°38 | 27°48 | 26°46 | 5°47 | 10° 8 | W25 |
| T 26 | 10 23 55 | 6°51'13 | 3 m 15 | 13°23 | 25°34 | 7°18 | 8°17 | 13° 1 | 27°16 | 12° 1 | 26°37 | 27°39 | 26°43 | 5°53 | 10°11 | T 26 |
| F 27 | 10 27 51 | 7°52'01 | 17°46 | 14°41 | 26°49 | 8° 6 | 8°11 | 13° 8 | 27°14 | 1 <u>2</u> ° 2 | 26°36 | 27°27 | 26°40 | 6° 0 | 10°14 | F 27 |
| S 28 | 10 31 48 | 8): 52'48 | 2 ≏ 28 | 16≈ 0 | 28 ≈ 4 | 8 ∺ 53 | 8 쇼 5 | 13≈15 | 279512 | 12 る 4 | 26 ₽ 35 | 27 × 16 | 26 ₹ 36 | 6 8 7 | 10 Υ 17 | S 28 |

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| S 1 | 10 35 44 | 9 ¥ 53'35 | 17 ≏ 13 | 17≈20 | 29≈19 | 9) 40 | 7°R59 | 13≈21 | 27°R10 | 12 පි 5 | 26°R34 | 27°R 6 | 26 х 33 | 6 8 13 | 10 Y 21 | S 1 |
| M 2 | 10 39 41 | 10°54'20 | 1 M .54 | 18°42 | 0 ∺ 34 | 10°27 | 7 ≙ 53 | 13°28 | 2799 9 | 12° 6 | 26 ₾ 33 | 26 × 759 | 26°30 | 6°20 | 10°24 | M 2 |
| T 3 | 10 43 37 | 11°55'05 | 16°24 | 20° 5 | 1°50 | 11°15 | 7°46 | 13°35 | 27° 7 | 12° 8 | 26°32 | 26°54 | 26°27 | 6°27 | 10°27 | T 3 |
| W 4 | 10 47 34 | 12°55'49 13°56'32 | 0 ∡ ³39 14°39 | 21°28 22°53 | 3° 5 4°20 | 12° 2 12°49 | 7°40 7°33 | 13°41 13°48 | 27° 6 27° 4 | 12° 9 12°10 | 26°31 26°30 | 26°52 | 26°24 26°20 | 6°34 6°40 | 10°30 10°34 | W 4 T 5 |
| T 5 F 6 | 10 51 30 10 55 27 | 13°50°52 14°57'14 | 28°22 | 24°19 | 5°35 | 12°49 13°37 | 7°27 | 13°48 13°54 | 27° 4 27° 2 | 12°10 | 26°29 | 26°D51 26°R52 | 26°20 26°17 | 6°47 | 10°34 10°37 | T 5 F 6 |
| S 7 | 10 59 24 | 15°57'56 | 11 る 50 | 25°46 | 6°51 | 14°24 | 7°20 | 13° 34 14° 0 | 27° 1 | 12°13 | 26°27 | 26°51 | 26°14 | 6°54 | 10°37 | S 7 |
| S 8 | 11 3 20 | 16°58'36 | 25° 4 | 27°14 | 8° 6 | 15°11 | 7°13 | 14° 7 | 27° 0 | 12°14 | 26°26 | 26°48 | 26°11 | 7° 0 | 10°44 | S 8 |
| M 9 | 11 7 17 | 17°59'15 | 8≈ 7 | 28°43 | 9°21 | 15°59 | 7° 6 | 14°13 | 26°58 | 12°15 | 26°25 | 26°43 | 26° 8 | 7° 7 | 10°47 | M 9 |
| T 10 | 11 11 13 | 18°59'53 | 20°59 | 0 ∺ 13 | 10°36 | 16°46 | 6°59 | 14°19 | 26°57 | 12°17 | 26°24 | 26°34 | 26° 5 | 7°14 | 10°50 | T 10 |
| W11 | 11 15 10 | 20° 0'30 | 3) €40 | 1°43 | 11°51 | 17°34 | 6°51 | 14°26 | 26°56 | 12°18 | 26°23 | 26°23 | 26° 1 | 7°20 | 10°54 | W11 |
| T 12 | 11 19 6 | 21° 1'06 | 16°11 | 3°15 | 13° 7 | 18°21 | 6°44 | 14°32 | 26°54 | 12°19 | 26°21 | 26° 9 | 25°58 | 7°27 | 10°57 | T 12 |
| F 13 S 14 | 11 23 3 11 26 59 | 22° 1'40 23° 2'13 | 28°32 10 ° 42 | 4°48 6°21 | 14°22 15°37 | 19° 8 19°56 | 6°37 6°29 | 14°38 14°44 | 26°53 26°52 | 12°20 12°21 | 26°20 26°19 | 25°54 25°40 | 25°55 25°52 | 7°34 7°40 | 11° 1 11° 4 | F 13 S 14 |
| | | | | | | | | | | | | | | | | |
| S 15 | 11 30 56 | 24° 2'44 | 22°44 | 7°56 | 16°52 | 20°43 | 6°22 | 14°50 | 26°51 | 12°22 | 26°18 | 25°27 | 25°49 | 7°47 | 11° 8 | S 15 |
| M16 | 11 34 53 | 25° 3'14 | 4 8 38 | 9°31 | 18° 7 | 21°31 | 6°14 | 14°56 | 26°50 | 12°23 | 26°16 | 25°17 | 25°45 | 7°54 | 11°11 | M16 |
| T 17 | 11 38 49 | 26° 3'42 27° 4'08 | 16°27 | 11° 7 12°45 | 19°22 20°38 | 22°18 23° 5 | 6° 7 | 15° 2 15° 8 | 26°49 26°48 | 12°24 12°25 | 26°15 | 25° 9 25° 4 | 25°42 25°39 | 8° 0 8° 7 | 11°15 11°18 | T 17 W18 |
| W18 T 19 | 11 42 46 11 46 42 | 27° 4'08 28° 4'33 | 28°15 10 Ⅱ 6 | 12°43 14°23 | 20°38 21°53 | 23°53 | 5°59 5°51 | 15° 8 | 26°48 26°47 | 12°25 | 26°13 26°12 | 25° 4 | 25°36 | 8°14 | 11°18 | T 19 |
| F 20 | 11 50 39 | 29° 4'56 | 22° 4 | 16° 2 | 23° 8 | 24°40 | 5°44 | 15°20 | 26°46 | 12°26 | 26°11 | 25° 1 | 25°33 | 8°21 | 11°25 | F 20 |
| S 21 | 11 54 35 | 0 Υ 5'17 | 49916 | 17°42 | 24°23 | 25°28 | 5°36 | 15°25 | 26°46 | 12°27 | 26° 9 | 25° 1 | 25°30 | 8°27 | 11°29 | S 21 |
| S 22 | 11 58 32 | 1° 5'36 | 16°47 | 19°23 | 25°38 | 26°15 | 5°28 | 15°31 | 26°45 | 12°28 | 26° 8 | 25° 1 | 25°26 | 8°34 | 11°32 | S 22 |
| M23 | 12 2 28 | 2° 5'53 | 29°41 | 21° 5 | 26°53 | 27° 3 | 5°20 | 15°37 | 26°44 | 12°29 | 26° 6 | 24°58 | 25°23 | 8°41 | 11°36 | M23 |
| T 24 | 12 6 25 | 3° 6'08 | 13 0 4 | 22°49 | 28° 8 | 27°50 | 5°12 | 15°42 | 26°44 | 12°29 | 26° 5 | 24°53 | 25°20 | 8°47 | 11°39 | T 24 |
| W25 | 12 10 22 | 4° 6'22 | 26°55 | 24°33 | 29°23 | 28°37 | 5° 5 | 15°48 | 26°43 | 12°30 | 26° 3 | 24°46 | 25°17 | 8°54 | 11°43 | W25 |
| T 26 | 12 14 18 | 5° 6'33 | 11 Mp 16 | 26°18 | 0 Υ 38 | 29°25 | 4°57 | 15°53 | 26°43 | 12°31 | 26° 2 | 24°36 | 25°14 | 9° 1 | 11°47 | T 26 |
| F 27 | 12 18 15 | 6° 6'43 7° 6'51 | 26° 0 11 ♀ 2 | 28° 4 29°51 | 1°53 | 0 Υ 12 1° 0 | 4°49 | 15°59 16° 4 | 26°42 26°42 | 12°31 12°32 | 26° 0 25°59 | 24°25 24°13 | 25°11 25° 7 | 9° 7 9°14 | 11°50 11°54 | F 27 S 28 |
| S 28 | 12 22 11 | , 001 | | | 3° 8 | - | 4°41 | | - | | | _ | | | | |
| S 29 | 12 26 8 | 8° 6'57 | 26°10 | 1 Υ 40 | 4°23 | 1°47 | 4°33 | 16° 9 | 26°41 | 12°33 | 25°57 | 24° 3 | 25° 4 | 9°21 | 11°57 | S 29 |
| M30 | 12 30 4 | 9° 7'02 | 11ML15 | 3°29 | 5°38 | 2°34 | 4°25 | 16°15 | 26°41 | 12°33 | 25°56 | 23°55 | 25° 1 | 9°27 | 12° 1 | M30 |
| T31 | 12 34 1 | 10 ° 7'05 | 26M 7 | 5 Υ 20 | 6 Υ 53 | 3 Υ 22 | 4 ≏ 18 | 16≈20 | 269341 | 12 る 34 | 25 ≏ 54 | 23 × 750 | 24 × 758 | 9 8 34 | 12 Y 5 | T 31 |

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|------|----------|------------------|----------------|---------------|----------------|----------------|--------------|----------------|--------|----------------|----------------|-----------------------------|-----------------|----------------|----------------|------|
| W 1 | 12 37 57 | 11 ° 7'06 | 10 ₮ 40 | 7 Υ 12 | 8 Y 8 | 4 Υ 9 | 4°R10 | 16≈25 | 26°R40 | 12 る 34 | 25°R52 | 23°R48 | 24 × 755 | 9 8 41 | 12 Y 8 | W 1 |
| T 2 | 12 41 54 | 12° 7'07 | 24°51 | 9° 4 | 9°23 | 4°56 | 4 º 2 | 16°30 | 269540 | 12°34 | 25 ≏ 51 | 23°D47 | 24°51 | 9°47 | 12°12 | T 2 |
| F 3 | 12 45 50 | 13° 7'05 | 8 궁 39 | 10°58 | 10°38 | 5°44 | 3°54 | 16°35 | 26°40 | 12°35 | 25°49 | 23°R47 | 24°48 | 9°54 | 12°15 | F 3 |
| S 4 | 12 49 47 | 14° 7'02 | 22° 5 | 12°53 | 11°53 | 6°31 | 3°47 | 16°40 | 26°D40 | 12°35 | 25°48 | 23 × 747 | 24°45 | 10° 1 | 12°19 | S 4 |
| S 5 | 12 53 44 | 15° 6'58 | 5≈12 | 14°49 | 13° 8 | 7°18 | 3°39 | 16°44 | 26°40 | 12°36 | 25°46 | 23°45 | 24°42 | 10° 7 | 12°23 | S 5 |
| M 6 | 12 57 40 | 16° 6'52 | 18° 2 | 16°45 | 14°23 | 8° 6 | 3°32 | 16°49 | 26°40 | 12°36 | 25°44 | 23°41 | 24°39 | 10°14 | 12°26 | M 6 |
| T 7 | 13 137 | 17° 6'44 | 0 ∺ 38 | 18°43 | 15°37 | 8°53 | 3°24 | 16°54 | 26°40 | 12°36 | 25°43 | 23°34 | 24°36 | 10°21 | 12°30 | T 7 |
| W 8 | 13 5 33 | 18° 6'35 | 13° 4 | 20°41 | 16°52 | 9°40 | 3°17 | 16°58 | 26°41 | 12°36 | 25°41 | 23°25 | 24°32 | 10°28 | 12°33 | W 8 |
| T 9 | 13 9 30 | 19° 6'23 | 25°19 | 22°40 | 18° 7 | 10°28 | 3° 9 | 17° 3 | 26°41 | 12°36 | 25°40 | 23°13 | 24°29 | 10°34 | 12°37 | T 9 |
| F 10 | 13 13 26 | 20° 6'10 | 7 Ƴ 27 | 24°40 | 19°22 | 11°15 | 3° 2 | 17° 7 | 26°41 | 12°37 | 25°38 | 23° 1 | 24°26 | 10°41 | 12°41 | F 10 |
| S 11 | 13 17 23 | 21° 5'56 | 19°27 | 26°40 | 20°37 | 12° 2 | 2°55 | 17°12 | 26°41 | 12°37 | 25°36 | 22°49 | 24°23 | 10°48 | 12°44 | S 11 |
| S 12 | 13 21 19 | 22° 5'39 | 1822 | 28°40 | 21°52 | 12°49 | 2°48 | 17°16 | 26°42 | 12°37 | 25°35 | 22°38 | 24°20 | 10°54 | 12°48 | S 12 |
| M13 | 13 25 16 | 23° 5'20 | 13°12 | 0 8 40 | 23° 6 | 13°37 | 2°41 | 17°20 | 26°42 | 12°37 | 25°33 | 22°29 | 24°17 | 11° 1 | 12°51 | M13 |
| T 14 | 13 29 13 | 24° 5'00 | 25° 0 | 2°40 | 24°21 | 14°24 | 2°34 | 17°24 | 26°43 | 12°R37 | 25°31 | 22°22 | 24°13 | 11° 8 | 12°55 | T 14 |
| W15 | 13 33 9 | 25° 4'37 | 6 Ⅱ 49 | 4°39 | 25°36 | 15°11 | 2°27 | 17°28 | 26°43 | 12°37 | 25°30 | 22°19 | 24°10 | 11°14 | 12°58 | W15 |
| T 16 | 13 37 6 | 26° 4'13 | 18°40 | 6°37 | 26°51 | 15°58 | 2°20 | 17°32 | 26°44 | 12°37 | 25°28 | 22°D17 | 24° 7 | 11°21 | 13° 2 | T 16 |
| F 17 | 13 41 2 | 27° 3'46 | 0 ୭ 40 | 8°34 | 28° 5 | 16°45 | 2°14 | 17°36 | 26°45 | 12°37 | 25°26 | 22°17 | 24° 4 | 11°28 | 13° 5 | F 17 |
| S 18 | 13 44 59 | 28° 3'17 | 12°51 | 10°29 | 29°20 | 17°33 | 2° 7 | 17°40 | 26°45 | 12°37 | 25°25 | 22°18 | 24° 1 | 11°34 | 13° 9 | S 18 |
| S 19 | 13 48 55 | 29° 2'46 | 25°19 | 12°23 | 0 8 35 | 18°20 | 2° 1 | 17°44 | 26°46 | 12°36 | 25°23 | 22°R19 | 23°57 | 11°41 | 13°12 | S 19 |
| M20 | 13 52 52 | 0 8 2'12 | 8Ω 8 | 14°13 | 1°49 | 19° 7 | 1°55 | 17°47 | 26°47 | 12°36 | 25°21 | 22°19 | 23°54 | 11°48 | 13°16 | M20 |
| T 21 | 13 56 48 | 1° 1'37 | 21°24 | 16° 1 | 3° 4 | 19°54 | 1°49 | 17°51 | 26°48 | 12°36 | 25°20 | 22°17 | 23°51 | 11°54 | 13°19 | T 21 |
| W22 | 14 0 45 | 2° 0'59 | 5 m 9 | 17°46 | 4°19 | 20°41 | 1°43 | 17°55 | 26°49 | 12°36 | 25°18 | 22°13 | 23°48 | 12° 1 | 13°23 | W22 |
| T 23 | 14 4 42 | 3° 0'18 | 19°24 | 19°27 | 5°33 | 21°28 | 1°37 | 17°58 | 26°50 | 12°36 | 25°16 | 22° 7 | 23°45 | 12° 8 | 13°26 | T 23 |
| F 24 | 14 8 38 | 3°59'36 | 4 º 5 | 21° 4 | 6°48 | 22°15 | 1°31 | 18° 1 | 26°51 | 12°35 | 25°15 | 22° 0 | 23°42 | 12°14 | 13°30 | F 24 |
| S 25 | 14 12 35 | 4°58'51 | 19° 8 | 22°36 | 8° 2 | 23° 2 | 1°26 | 18° 4 | 26°52 | 12°35 | 25°13 | 21°53 | 23°38 | 12°21 | 13°33 | S 25 |
| S 26 | 14 16 31 | 5°58'05 | 4ML23 | 24° 4 | 9°17 | 23°49 | 1°20 | 18° 8 | 26°53 | 12°35 | 25°11 | 21°46 | 23°35 | 12°28 | 13°37 | S 26 |
| M27 | 14 20 28 | 6°57'16 | 19°40 | 25°27 | 10°31 | 24°35 | 1°15 | 18°11 | 26°54 | 12°34 | 25°10 | 21°41 | 23°32 | 12°34 | 13°40 | M27 |
| T 28 | 14 24 24 | 7°56'26 | 4 ₹ 48 | 26°44 | 11°46 | 25°22 | 1°10 | 18°14 | 26°55 | 12°34 | 25° 8 | 21°38 | 23°29 | 12°41 | 13°43 | T 28 |
| W29 | 14 28 21 | 8°55'34 | 19°38 | 27°55 | 13° 0 | 26° 9 | 1° 5 | 18°17 | 26°57 | 12°33 | 25° 7 | 21°D37 | 23°26 | 12°48 | 13°47 | W29 |
| T 30 | 14 32 17 | 9 8 54'40 | 4 궁 5 | 298 1 | 14 8 15 | 26 Y 56 | 1₾ 0 | 18 ≈ 19 | 26958 | 12 る 33 | 25 ♀ 5 | 21 × ⁷ 37 | 23 × 22 | 12 8 54 | 13 Y 50 | T 30 |

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| F 1 | 14 36 14 | 10853'44 | 18궁 5 | 0耳 1 | 15 8 29 | 27 Y 43 | 0°R55 | 18 ≈ 22 | 26959 | 12°R32 | 25°R 3 | 21 × 38 | 23 × 19 | 138 1 | 13 Y 53 | F 1 |
| S 2 | 14 40 11 | 11°52'47 | 1 ≈ 39 | 0°54 | 16°44 | 28°30 | 0 ჲ 51 | 18°25 | 27° 1 | 12 る 32 | 25 ♀ 2 | 21°40 | 23°16 | 13° 8 | 13°56 | S 2 |
| S 3 | 14 44 7 | 12°51'48 | 14°49 | 1°41 | 17°58 | 29°16 | 0°47 | 18°27 | 27° 2 | 12°31 | 25° 0 | 21°R40 | 23°13 | 13°15 | 14° 0 | S 3 |
| M 4 | 14 48 4 | 13°50'47 | 27°38 | 2°22 | 19°12 | 08 3 | 0°42 | 18°30 | 27° 4 | 12°30 | 24°59 | 21°39 | 23°10 | 13°21 | 14° 3 | M 4 |
| T 5 W 6 | 14 52 0 14 55 57 | 14°49'45 15°48'41 | 10 米 9 22°25 | 2°56 3°24 | 20°27 21°41 | 0°50 1°36 | 0°38 0°34 | 18°32 18°34 | 27° 5 27° 7 | 12°30 12°29 | 24°57 24°56 | 21°36 21°32 | 23° 7 23° 3 | 13°28 13°35 | 14° 6 14° 9 | T 5 W 6 |
| T 7 | 14 59 53 | 16°47'35 | 4° 32 | 3°46 | 22°55 | 2°23 | 0°31 | 18°36 | 27° 9 | 12°28 | 24°54 | 21°27 | 23° 0 | 13°41 | 14°13 | T 7 |
| F 8 | 15 3 50 | 17°46'27 | 16°30 | 4° 0 | 24°10 | 3° 9 | 0°27 | 18°38 | 27°10 | 12°28 | 24°53 | 21°20 | 22°57 | 13°48 | 14°16 | F 8 |
| S 9 | 15 7 46 | 18°45'18 | 28°23 | 4° 9 | 25°24 | 3°56 | 0°24 | 18°40 | 27°12 | 12°27 | 24°51 | 21°14 | 22°54 | 13°55 | 14°19 | S 9 |
| S 10 | 15 11 43 | 19°44'07 | 10813 | 4°R11 | 26°38 | 4°42 | 0°21 | 18°42 | 27°14 | 12°26 | 24°50 | 21° 9 | 22°51 | 14° 1 | 14°22 | S 10 |
| M11 | 15 15 39 | 20°42'54 | 22° 2 | 4° 7 | 27°53 | 5°29 | 0°18 | 18°44 | 27°16 | 12°25 | 24°48 | 21° 4 | 22°48 | 14° 8 | 14°25 | M11 |
| T 12 W13 | 15 19 36 15 23 33 | 21°41'39 22°40'22 | 3 Ⅱ 51 15°43 | 3°58 3°43 | 29° 7 0 Ⅲ 21 | 6°15 7°2 | 0°15 0°12 | 18°46 18°47 | 27°18 27°19 | 12°24 12°23 | 24°47 24°45 | 21° 2 21°D 0 | 22°44 22°41 | 14°15 14°21 | 14°28 14°31 | T 12 W13 |
| T 14 | 15 25 33 | 22 40 22 23°39'03 | 27°41 | 3°22 | 1°35 | 7°48 | 0°12 | 18°47 | 27°21 | 12°23 | 24°44 24°44 | 21° 0 | 22°38 | 14°28 | 14°34 | T 14 |
| F 15 | 15 31 26 | 24°37'43 | 99547 | 2°58 | 2°49 | 8°34 | 0° 8 | 18°50 | 27°23 | 12°22 | 24°43 | 21° 1 | 22°35 | 14°35 | 14°37 | F 15 |
| S 16 | 15 35 22 | 25°36'20 | 22° 3 | 2°29 | 4° 4 | 9°21 | 0° 6 | 18°51 | 27°26 | 12°21 | 24°41 | 21° 3 | 22°32 | 14°41 | 14°40 | S 16 |
| S 17 | 15 39 19 | 26°34'55 | 4 Ω 35 | 1°56 | 5°18 | 10° 7 | 0° 4 | 18°52 | 27°28 | 12°20 | 24°40 | 21° 5 | 22°28 | 14°48 | 14°43 | S 17 |
| M18 | 15 43 15 | 27°33'28 | 17°25 | 1°21 | 6°32 | 10°53 | 0° 2 | 18°54 | 27°30 | 12°19 | 24°38 | 21° 6 | 22°25 | 14°55 | 14°46 | M18 |
| T 19 | 15 47 12 | 28°31'59 | 0 m)37 | 0°43 0° 4 | 7°46 9°0 | 11°39 | 0° 1 | 18°55 | 27°32 27°34 | 12°18 12°17 | 24°37 | 21°R 6 21° 5 | 22°22 | 15° 1 | 14°48 | T 19 |
| W20 T 21 | 15 51 9 15 55 5 | 29°30'28 0Ⅲ28'54 | 14°14 28°17 | 29824 | 10°14 | 12°25 13°11 | 29 m 59 29°58 | 18°55 18°56 | 27°34 27°37 | 12°17 12°16 | 24°36 24°35 | 21° 5 | 22°19 22°16 | 15° 8 15°15 | 14°51 14°54 | W20 T 21 |
| F 22 | 15 59 2 | 1°27'19 | 12 Ω 45 | 28°44 | 11°28 | 13°57 | 29°57 | 18°57 | 27°39 | 12°14 | 24°33 | 21° 2 | 22°13 | 15°21 | 14°57 | F 22 |
| S 23 | 16 2 58 | 2°25'41 | 27°34 | 28° 5 | 12°42 | 14°43 | 29°56 | 18°58 | 27°41 | 12°13 | 24°32 | 20°59 | 22° 9 | 15°28 | 14°59 | S 23 |
| S 24 | 16 655 | 3°24'02 | 12 M .38 | 27°27 | 13°56 | 15°29 | 29°56 | 18°58 | 27°44 | 12°12 | 24°31 | 20°57 | 22° 6 | 15°35 | 15° 2 | S 24 |
| M25 | 16 10 51 | 4°22'21 | 27°49 | 26°52 | 15°10 | 16°15 | 29°55 | 18°58 | 27°46 | 12°11 | 24°30 | 20°55 | 22° 3 | 15°41 | 15° 5 | M25 |
| T 26 | 16 14 48 | 5°20'38 | 12 × 757 | 26°18 | 16°24 | 17° 1 | 29°55 | 18°59 | 27°49 | 12°10 | 24°29 | 20°55 | 22° 0 | 15°48 | 15° 7 | T 26 |
| W27 T 28 | 16 18 44 16 22 41 | 6°18'54 7°17'08 | 27°52 12 る 28 | 25°48 25°22 | 17°38 18°52 | 17°47 18°33 | 29°D55 29°55 | 18°59 18°59 | 27°51 27°54 | 12° 9 12° 7 | 24°27 24°26 | 20°D55 20°55 | 21°57 21°54 | 15°55 16° 1 | 15°10 15°12 | W27 T 28 |
| F 29 | 16 26 38 | 8°15'20 | 26°39 | 24°59 | 20° 5 | 19°18 | 29°56 | 18°R59 | 27°56 | 12° 6 | 24°25 | 20°56 | 21°50 | 16° 8 | 15°15 | F 29 |
| S 30 | 16 30 34 | 9°13'31 | 10≈23 | 24°40 | 21°19 | 20° 4 | 29°56 | 18°59 | 27°59 | 12° 5 | 24°24 | 20°57 | 21°47 | 16°15 | 15°17 | S 30 |
| S 31 | 16 34 31 | 10 II 11'40 | 23≈41 | 24826 | 22 川 33 | 20850 | 29 m 57 | 18 ≈ 59 | 2895 1 | 12ට 3 | 24 º 23 | 20 ∡ 758 | 21 × 744 | 16 8 21 | 15 Y 19 | S 31 |

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| M 1 | 16 38 27 | 11 II 9'49 | 6) €35 | 24°R16 | 23 Ⅱ 47 | 21 8 35 | 29 m 58 | 18°R59 | 2895 4 | 12°R 2 | 24°R22 | 20°R58 | 21 × 741 | 16828 | 15 Y 22 | M 1 |
| T 2 | 16 42 24 | 12° 7'55 | 19° 7 | 24811 | 25° 1 | 22°21 | 29°59 | 18 ≈ 58 | 28° 7 | 12る 1 | 24 ≏ 21 | 20 ∡ 758 | 21°38 | 16°35 | 15°24 | T 2 |
| W 3 | 16 46 20 | 13° 6'01 | 1 Υ 23 | 24°D10 | 26°15 | 23° 6 | 0 亚 0 | 18°58 | 28°10 | 11°59 | 24°20 | 20°58 | 21°34 | 16°41 | 15°26 | W 3 |
| T 4 | 16 50 17 | 14° 4'05 | 13°26 | 24°15 | 27°28 | 23°52 | 0° 1 | 18°57 | 28°12 | 11°58 | 24°19 | 20°57 | 21°31 | 16°48 | 15°29 | T 4 |
| F 5 | 16 54 13 | 15° 2'08 | 25°20 | 24°24 | 28°42 | 24°37 | 0° 3 | 18°56 | 28°15 | 11°57 | 24°18 | 20°56 | 21°28 | 16°55 | 15°31 | F 5 |
| S 6 | 16 58 10 | 16° 0'10 | 7 8 10 | 24°37 | 29°56 | 25°22 | 0° 5 | 18°56 | 28°18 | 11°55 | 24°17 | 20°56 | 21°25 | 17° 1 | 15°33 | S 6 |
| S 7 | 17 2 7 | 16°58'10 | 18°58 | 24°55 | 195 9 | 26° 8 | 0° 7 | 18°55 | 28°21 | 11°54 | 24°16 | 20°55 | 21°22 | 17° 8 | 15°35 | S 7 |
| M 8 | 17 6 3 | 17°56'09 | 0∏48 | 25°17 | 2°23 | 26°53 | 0° 9 | 18°54 | 28°24 | 11°52 | 24°16 | 20°55 | 21°19 | 17°15 | 15°37 | M 8 |
| T 9 | 17 10 0 | 18°54'06 | 12°42 | 25°44 | 3°37 | 27°38 | 0°11 | 18°53 | 28°27 | 11°51 | 24°15 | 20°55 | 21°15 | 17°21 | 15°39 | T 9 |
| W10 | 17 13 56 | 19°52'03 | 24°42 | 26°15 | 4°50 | 28°23 | 0°14 | 18°52 | 28°30 | 11°50 | 24°14 | 20°D55 | 21°12 | 17°28 | 15°41 | W10 |
| T 11 | 17 17 53 | 20°49'57 | 6950 | 26°49 | 6° 4 | 29° 8 | 0°16 | 18°50 | 28°33 | 11°48 | 24°13 | 20°R55 | 21° 9 | 17°35 | 15°43 | T 11 |
| F 12 | 17 21 49 | 21°47'51 | 19° 9 | 27°28 | 7°18 | 29°53 | 0°19 | 18°49 | 28°36 | 11°47 | 24°13 | 20°55 | 21° 6 | 17°41 | 15°45 | F 12 |
| S 13 | 17 25 46 | 22°45'43 | 1 Ω 39 | 28°11 | 8°31 | 0Д38 | 0°22 | 18°48 | 28°39 | 11°45 | 24°12 | 20°54 | 21° 3 | 17°48 | 15°47 | S 13 |
| S 14 | 17 29 42 | 23°43'33 | 14°23 | 28°57 | 9°45 | 1°23 | 0°25 | 18°46 | 28°42 | 11°44 | 24°11 | 20°54 | 21° 0 | 17°55 | 15°48 | S 14 |
| M15 | 17 33 39 | 24°41'21 | 27°23 | 29°47 | 10°58 | 2° 8 | 0°29 | 18°44 | 28°45 | 11°42 | 24°11 | 20°54 | 20°56 | 18° 1 | 15°50 | M15 |
| T 16 | 17 37 36 | 25°39'08 | 10 m 39 | 0 Ⅱ 40 | 12°12 | 2°53 | 0°32 | 18°43 | 28°48 | 11°41 | 24°10 | 20°53 | 20°53 | 18° 8 | 15°52 | T 16 |
| W17 | 17 41 32 | 26°36'54 | 24°14 | 1°36 | 13°25 | 3°38 | 0°36 | 18°41 | 28°51 | 11°39 | 24° 9 | 20°D53 | 20°50 | 18°15 | 15°54 | W17 |
| T 18 | 17 45 29 | 27°34'38 | 8 ℃ 9 | 2°36 | 14°39 | 4°23 | 0°40 | 18°39 | 28°55 | 11°37 | 24° 9 | 20°53 | 20°47 | 18°21 | 15°55 | T 18 |
| F 19 | 17 49 25 | 28°32'20 | 22°22 | 3°39 | 15°52 | 5° 7 | 0°44 | 18°37 | 28°58 | 11°36 | 24° 8 | 20°54 | 20°44 | 18°28 | 15°57 | F 19 |
| S 20 | 17 53 22 | 29°30'01 | 6M52 | 4°45 | 17° 6 | 5°52 | 0°48 | 18°35 | 29° 1 | 11°34 | 24° 8 | 20°54 | 20°40 | 18°35 | 15°58 | S 20 |
| S 21 | 17 57 18 | 09527'41 | 21°35 | 5°54 | 18°19 | 6°36 | 0°52 | 18°33 | 29° 4 | 11°33 | 24° 8 | 20°55 | 20°37 | 18°41 | 16° 0 | S 21 |
| M22 | 18 1 15 | 1°25'19 | 6 ₹ 26 | 7° 6 | 19°33 | 7°21 | 0°57 | 18°31 | 29° 8 | 11°31 | 24° 7 | 20°56 | 20°34 | 18°48 | 16° 1 | M22 |
| T 23 | 18 5 11 | 2°22'56 | 2 <u>1</u> °18 | 8°21 | 20°46 | 8° 5 | 1° 1 | 18°28 | 29°11 | 11°30 | 24° 7 | 20°R56 | 20°31 | 18°55 | 16° 2 | T 23 |
| W24 | 18 9 8 | 3°20'32 | 6 ප 2 | 9°38 | 21°59 | 8°50 | 1° 6 | 18°26 | 29°14 | 11°28 | 24° 6 | 20°56 | 20°28 | 19° 1 | 16° 4 | W24 |
| T 25 | 18 13 5 | 4°18'07 | 20°33 | 10°59 | 23°13 | 9°34 | 1°11 | 18°23 | 29°17 | 11°26 | 24° 6 | 20°55 | 20°25 | 19°8 | 16° 5 | T 25 |
| F 26 | 18 17 1 | 5°15'40 | 4≈45 | 12°22 | 24°26 | 10°18 | 1°16 | 18°21 | 29°21 | 11°25 | 24° 6 | 20°53 | 20°21 | 19°15 | 16° 6 | F 26 |
| S 27 | 18 20 58 | 6°13'13 | 18°33 | 13°48 | 25°39 | 11° 3 | 1°21 | 18°18 | 29°24 | 11°23 | 24° 6 | 20°51 | 20°18 | 19°21 | 16° 7 | S 27 |
| S 28 | 18 24 54 | 7°10'45 | 1 ¥ 56 | 15°17 | 26°52 | 11°47 | 1°27 | 18°16 | 29°28 | 11°22 | 24° 5 | 20°49 | 20°15 | 19°28 | 16° 9 | S 28 |
| M29 | 18 28 51 | 8° 8'17 | 14°54 | 16°48 | 28° 6 | 12°31 | 1°32 | 18°13 | 29°31 | 1 <u>1°</u> 20 | 24° 5 | 20°48 | 20°12 | 19°35 | 16°10 | M29 |
| T 30 | 18 32 47 | 999 5'47 | 27 米 31 | 18 Ⅱ 22 | 299519 | 13 Ⅱ 15 | 1 ≏ 38 | 18≈10 | 29934 | 11 ろ 18 | 24 ♀ 5 | 20 ∡ 46 | 20 ∡ 9 | 19 8 41 | 16 Y 11 | T 30 |

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| W 1 | 18 36 44 | 109 3'17 | 9 Υ 49 | 19 Ⅱ 59 | 0 Ω 32 | 13 II 59 | 1 ≏ 44 | 18°R 7 | 29938 | 11°R17 | 24°R 5 | 20°D46 | 20 ∡ 6 | 19848 | 16 Y 12 | W 1 |
| T 2 | 18 40 41 | 11° 0'46 | 21°52 | 21°38 | 1°45 | 14°43 | 1°50 | 18 ≈ 4 | 29°41 | 11 る 15 | 24 ♀ 5 | 20 х 46 | 20° 2 | 19°55 | 16°12 | T 2 |
| F 3 | 18 44 37 | 11°58'15 | 3 8 46 | 23°20 | 2°58 | 15°27 | 1°56 | 18° 1 | 29°45 | 11°13 | 24° 5 | 20°47 | 19°59 | 20° 1 | 16°13 | F 3 |
| S 4 | 18 48 34 | 12°55'43 | 15°35 | 25° 5 | 4°11 | 16°11 | 2° 2 | 17°58 | 29°48 | 11°12 | 24°D 5 | 20°49 | 19°56 | 20° 8 | 16°14 | S 4 |
| S 5 | 18 52 30 | 13°53'11 | 27°24 | 26°52 | 5°25 | 16°55 | 2° 9 | 17°54 | 29°52 | 11°10 | 24° 5 | 20°51 | 19°53 | 20°15 | 16°15 | S 5 |
| M 6 | 18 56 27 | 14°50'38 | 9 Ⅱ 17 | 28°42 | 6°38 | 17°38 | 2°15 | 17°51 | 29°55 | 11° 9 | 24° 5 | 20°52 | 19°50 | 20°21 | 16°16 | M 6 |
| T 7 | 19 0 23 | 15°48'05 | 21°17 | 0934 | 7°51 | 18°22 | 2°22 | 17°48 | 29°59 | 11° 7 | 24° 5 | 20°R52 | 19°46 | 20°28 | 16°16 | T 7 |
| W 8 | 19 4 20 | 16°45'31 | 3 95 27 | 2°29 | 9° 4 | 19° 6 | 2°29 | 17°44 | oΩ 2 | 11° 5 | 24° 5 | 20°52 | 19°43 | 20°35 | 16°17 | W 8 |
| T 9 | 19 8 16 | 17°42'56 | 15°49 | 4°26 | 10°17 | 19°49 | 2°36 | 17°41 | 0° 6 | 11° 4 | 24° 5 | 20°50 | 19°40 | 20°41 | 16°17 | T 9 |
| F 10 | 19 12 13 | 18°40'21 | 28°25 | 6°25 | 11°30 | 20°33 | 2°43 | 17°37 | 0° 9 | 11° 2 | 24° 5 | 20°47 | 19°37 | 20°48 | 16°18 | F 10 |
| S 11 | 19 16 10 | 19°37'45 | 11 Ω 15 | 8°27 | 12°43 | 21°16 | 2°50 | 17°34 | 0°13 | 11° 1 | 24° 5 | 20°42 | 19°34 | 20°55 | 16°18 | S 11 |
| S 12 | 19 20 6 | 20°35'08 | 24°19 | 10°30 | 13°56 | 22° 0 | 2°57 | 17°30 | 0°16 | 10°59 | 24° 6 | 20°38 | 19°31 | 21° 1 | 16°19 | S 12 |
| M13 | 19 24 3 | 21°32'30 | 7 ™ 37 | 12°36 | 15° 9 | 22°43 | 3° 5 | 17°26 | 0°20 | 10°57 | 24° 6 | 20°33 | 19°27 | 21° 8 | 16°19 | M13 |
| T 14 | 19 27 59 | 22°29'52 | 21° 8 | 14°43 | 16°21 | 23°26 | 3°12 | 17°23 | 0°24 | 10°56 | 24° 6 | 20°29 | 19°24 | 21°15 | 16°19 | T 14 |
| W15 | 19 31 56 | 23°27'13 | 4 ₽ 52 | 16°51 | 17°34 | 24° 9 | 3°20 | 17°19 | 0°27 | 10°54 | 24° 7 | 20°27 | 19°21 | 21°21 | 16°20 | W15 |
| T 16 | 19 35 52 | 24°24'33 | 18°47 | 19° 1 | 18°47 | 24°53 | 3°28 | 17°15 | 0°31 | 10°53 | 24° 7 | 20°D25 | 19°18 | 21°28 | 16°20 | T 16 |
| F 17 | 19 39 49 | 25°21'53 | 2 M 52 | 21°11 | 20° 0 | 25°36 | 3°36 | 17°11 | 0°34 | 10°51 | 24° 7 | 20°25 | 19°15 | 21°35 | 16°20 | F 17 |
| S 18 | 19 43 45 | 26°19'12 | 17° 7 | 23°22 | 21°13 | 26°19 | 3°44 | 17° 7 | 0°38 | 10°49 | 24° 8 | 20°26 | 19°12 | 21°41 | 16°20 | S 18 |
| S 19 | 19 47 42 | 27°16'30 | 1 ₹ 29 | 25°34 | 22°25 | 27° 2 | 3°52 | 17° 3 | 0°42 | 10°48 | 24° 8 | 20°28 | 19°8 | 21°48 | 16°R20 | S 19 |
| M20 | 19 51 39 | 28°13'47 | 15°55 | 27°45 | 23°38 | 27°45 | 4° 0 | 16°59 | 0°45 | 10°46 | 24° 9 | 20°R29 | 19° 5 | 21°55 | 16°20 | M20 |
| T 21 | 19 55 35 | 29°11'05 | 0る22 | 29°57 | 24°51 | 28°27 | 4° 9 | 16°55 | 0°49 | 10°45 | 24° 9 | 20°28 | 19° 2 | 22° 1 | 16°20 | T 21 |
| W22 | 19 59 32 | 0 ん 8'21 | 14°44 | 2 N 8 | 26° 4 | 29°10 | 4°17 | 16°51 | 0°52 | 10°43 | 24°10 | 20°26 | 18°59 | 22° 8 | 16°20 | W22 |
| T 23 | 20 3 28 | 1° 5'37 | 28°58 | 4°18 | 27°16 | 29°53 | 4°26 | 16°47 | 0°56 | 10°42 | 24°11 | 20°22 | 18°56 | 22°15 | 16°20 | T 23 |
| F 24 | 20 7 25 | 2° 2'53 | 12≈57 | 6°27 | 28°29 | 0ഇ36 | 4°34 | 16°42 | 1° 0 | 10°40 | 24°11 | 20°17 | 18°52 | 22°21 | 16°19 | F 24 |
| S 25 | 20 11 21 | 3° 0'09 | 26°38 | 8°35 | 29°41 | 1°18 | 4°43 | 16°38 | 1° 3 | 10°39 | 24°12 | 20°10 | 18°49 | 22°28 | 16°19 | S 25 |
| S 26 | 20 15 18 | 3°57'25 | 9 ∺ 57 | 10°41 | 0 m 54 | 2° 1 | 4°52 | 16°34 | 1° 7 | 10°37 | 24°13 | 20° 3 | 18°46 | 22°35 | 16°19 | S 26 |
| M27 | 20 19 14 | 4°54'41 | 22°55 | 12°47 | 2° 6 | 2°43 | 5° 1 | 16°30 | 1°10 | 10°36 | 24°13 | 19°57 | 18°43 | 22°41 | 16°18 | M27 |
| T 28 | 20 23 11 | 5°51'56 | 5 Ƴ 32 | 14°50 | 3°19 | 3°26 | 5°10 | 16°25 | 1°14 | 10°35 | 24°14 | 19°51 | 18°40 | 22°48 | 16°18 | T 28 |
| W29 | 20 27 8 | 6°49'12 | 17°51 | 16°52 | 4°31 | 4° 8 | 5°20 | 16°21 | 1°18 | 10°33 | 24°15 | 19°47 | 18°37 | 22°55 | 16°17 | W29 |
| T 30 | 20 31 4 | 7°46'29 | 29°55 | 18°52 | 5°44 | 4°50 | 5°29 | 16°17 | 1°21 | 10°32 | 24°16 | 19°45 | 18°33 | 23° 1 | 16°17 | T 30 |
| F 31 | 20 35 1 | 8 Ω 43'45 | 11850 | 20 Ω 51 | 6 m 56 | 5932 | 5 ₾ 38 | 16≈12 | 1 Ω 25 | 10 궁 30 | 24 ₽ 16 | 19°D45 | 18 才 30 | 23 8 8 | 16 Y 16 | F 31 |

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|------|----------|------------------|-----------------|---------------------|---------------|----------------|----------------|--------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|------|
| S 1 | 20 38 57 | 9 Ω 41'02 | 23 8 39 | 22 \Omega 47 | 8 Mp 8 | 6915 | 5 ≏ 48 | 16°R 8 | 1 \O 28 | 10°R29 | 24 ≏ 17 | 19 ×7 46 | 18 × 27 | 23 8 15 | 16°R16 | S 1 |
| S 2 | 20 42 54 | 10°38'19 | 5 Ⅱ 29 | 24°42 | 9°21 | 6°57 | 5°58 | 16≈ 4 | 1°32 | 10 ට 28 | 24°18 | 19°47 | 18°24 | 23°21 | 16 Y 15 | S 2 |
| M 3 | 20 46 50 | 11°35'37 | 17°25 | 26°35 | 10°33 | 7°39 | 6° 7 | 15°59 | 1°35 | 10°26 | 24°19 | 19°R48 | 18°21 | 23°28 | 16°14 | M 3 |
| T 4 | 20 50 47 | 12°32'55 | 29°30 | 28°25 | 11°45 | 8°21 | 6°17 | 15°55 | 1°39 | 10°25 | 24°20 | 19°47 | 18°18 | 23°35 | 16°13 | T 4 |
| W 5 | 20 54 43 | 13°30'13 | 119549 | 0 Mp 14 | 12°57 | 9° 3 | 6°27 | 15°50 | 1°43 | 10°24 | 24°21 | 19°45 | 18°14 | 23°41 | 16°12 | W 5 |
| T 6 | 20 58 40 | 14°27'31 | 24°25 | 2° 1 | 14° 9 | 9°45 | 6°37 | 15°46 | 1°46 | 10°22 | 24°22 | 19°40 | 18°11 | 23°48 | 16°12 | T 6 |
| F 7 | 21 2 37 | 15°24'50 | $7\Omega_{18}$ | 3°46 | 15°22 | 10°26 | 6°47 | 15°41 | 1°50 | 10°21 | 24°23 | 19°34 | 18° 8 | 23°55 | 16°11 | F 7 |
| S 8 | 21 6 33 | 16°22'09 | 20°30 | 5°29 | 16°34 | 11° 8 | 6°57 | 15°37 | 1°53 | 10°20 | 24°24 | 19°25 | 18° 5 | 24° 1 | 16°10 | S 8 |
| S 9 | 21 10 30 | 17°19'28 | 3 m 58 | 7°10 | 17°46 | 11°50 | 7° 8 | 15°32 | 1°57 | 10°19 | 24°26 | 19°15 | 18° 2 | 24° 8 | 16° 9 | S 9 |
| M10 | 21 14 26 | 18°16'48 | 17°41 | 8°49 | 18°58 | 12°32 | 7°18 | 15°28 | 2° 0 | 10°17 | 24°27 | 19° 6 | 17°58 | 24°15 | 16° 7 | M10 |
| T 11 | 21 18 23 | 19°14'07 | 1 ≏ 35 | 10°27 | 20°10 | 13°13 | 7°28 | 15°24 | 2° 4 | 10°16 | 24°28 | 18°58 | 17°55 | 24°21 | 16° 6 | T 11 |
| W12 | 21 22 19 | 20°11'27 | 15°36 | 12° 2 | 21°22 | 13°55 | 7°39 | 15°19 | 2° 7 | 10°15 | 24°29 | 18°51 | 17°52 | 24°28 | 16° 5 | W12 |
| T 13 | 21 26 16 | 21° 8'47 | 29°42 | 13°36 | 22°34 | 14°36 | 7°49 | 15°15 | 2°11 | 10°14 | 24°30 | 18°47 | 17°49 | 24°34 | 16° 4 | T 13 |
| F 14 | 21 30 12 | 22° 6'07 | 13 M .51 | 15° 7 | 23°45 | 15°17 | 8° 0 | 15°10 | 2°14 | 10°13 | 24°32 | 18°45 | 17°46 | 24°41 | 16° 3 | F 14 |
| S 15 | 21 34 9 | 23° 3'27 | 27°59 | 16°37 | 24°57 | 15°59 | 8°11 | 15° 6 | 2°18 | 10°12 | 24°33 | 18°D45 | 17°43 | 24°48 | 16° 1 | S 15 |
| S 16 | 21 38 6 | 24° 0'48 | 12 ×7 7 | 18° 4 | 26° 9 | 16°40 | 8°22 | 15° 2 | 2°21 | 10°11 | 24°34 | 18°R46 | 17°39 | 24°54 | 16° 0 | S 16 |
| M17 | 21 42 2 | 24°58'09 | 2 <u>6</u> °13 | 19°30 | 27°21 | 17°21 | 8°32 | 14°57 | 2°24 | 10°10 | 24°36 | 18°46 | 17°36 | 25° 1 | 15°58 | M17 |
| T 18 | 21 45 59 | 25°55'30 | 10 궁 16 | 20°53 | 28°32 | 18° 2 | 8°43 | 14°53 | 2°28 | 10° 9 | 24°37 | 18°44 | 17°33 | 25° 8 | 15°57 | T 18 |
| W19 | 21 49 55 | 26°52'51 | 24°13 | 22°15 | 29°44 | 18°43 | 8°54 | 14°49 | 2°31 | 10° 8 | 24°38 | 18°40 | 17°30 | 25°14 | 15°55 | W19 |
| T 20 | 21 53 52 | 27°50'13 | 8 ≈ 2 | 23°34 | 0 ჲ 56 | 19°24 | 9° 5 | 14°44 | 2°34 | 10° 7 | 24°40 | 18°33 | 17°27 | 25°21 | 15°54 | T 20 |
| F 21 | 21 57 48 | 28°47'35 | 21°40 | 24°51 | 2° 7 | 20° 5 | 9°17 | 14°40 | 2°38 | 10° 6 | 24°41 | 18°24 | 17°24 | 25°28 | 15°52 | F 21 |
| S 22 | 22 1 45 | 29°44'58 | 5 ¥ 3 | 26° 7 | 3°19 | 20°46 | 9°28 | 14°36 | 2°41 | 10° 5 | 24°43 | 18°13 | 17°20 | 25°34 | 15°51 | S 22 |
| S 23 | 22 5 41 | 0 m 42'21 | 18°11 | 27°19 | 4°30 | 21°26 | 9°39 | 14°32 | 2°44 | 10° 4 | 24°44 | 18° 1 | 17°17 | 25°41 | 15°49 | S 23 |
| M24 | 22 9 38 | 1°39'46 | 1 Υ 0 | 28°30 | 5°41 | 22° 7 | 9°50 | 14°28 | 2°48 | 10° 3 | 24°46 | 17°50 | 17°14 | 25°48 | 15°47 | M24 |
| T 25 | 22 13 35 | 2°37'11 | 13°32 | 29°38 | 6°53 | 22°48 | 10° 2 | 14°24 | 2°51 | 10° 2 | 24°47 | 17°40 | 17°11 | 25°54 | 15°45 | T 25 |
| W26 | 22 17 31 | 3°34'37 | 25°48 | 0 <u>₽</u> 44 | 8° 4 | 23°28 | 10°13 | 14°19 | 2°54 | 10° 1 | 24°49 | 17°32 | 17° 8 | 26° 1 | 15°44 | W26 |
| T 27 | 22 21 28 | 4°32'04 | 7 8 51 | 1°47 | 9°15 | 24° 9 | 10°25 | 14°15 | 2°57 | 10° 1 | 24°50 | 17°27 | 17° 4 | 26° 8 | 15°42 | T 27 |
| F 28 | 22 25 24 | 5°29'32 | 19°44 | 2°48 | 10°26 | 24°49 | 10°36 | 14°11 | 3° 1 | 10° 0 | 24°52 | 17°24 | 17° 1 | 26°14 | 15°40 | F 28 |
| S 29 | 22 29 21 | 6°27'02 | 1 Ⅱ 33 | 3°45 | 11°38 | 25°30 | 10°48 | 14° 7 | 3° 4 | 9°59 | 24°54 | 17°23 | 16°58 | 26°21 | 15°38 | S 29 |
| S 30 | 22 33 17 | 7°24'33 | 13°23 | 4°40 | 12°49 | 26°10 | 11° 0 | 14° 4 | 3° 7 | 9°58 | 24°55 | 17°23 | 16°55 | 26°28 | 15°36 | S 30 |
| M31 | 22 37 14 | 8 Mp 22'04 | 25 Ⅱ 19 | 5 Ω 32 | 14 ♀ 0 | 26950 | 11 ≏ 12 | 14≈ 0 | 3 Ω 10 | 9 ට 58 | 24 ≏ 57 | 17 ₹ 23 | 16 ₹ 52 | 26 8 34 | 15 Y 34 | M31 |

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|------|----------|------------------|----------------|----------------|----------------|----------------|----------------|--------|---------------|---------------|----------------|-----------------------------|----------------|----------------|----------------|------|
| T 1 | 22 41 10 | 9 m 19'38 | 79527 | 6 ₽ 21 | 15 ≏ 11 | 27930 | 11 ≏ 23 | 13°R56 | 3 Ω 13 | 9°R57 | 24 Ω 59 | 17°R22 | 16 √ 49 | 26841 | 15°R32 | T 1 |
| W 2 | 22 45 7 | 10°17'12 | 19°51 | 7° 6 | 16°21 | 28°11 | 11°35 | 13≈52 | 3°16 | 9 ට 57 | 25° 1 | 17 × 18 | 16°45 | 26°48 | 15 Y 30 | W 2 |
| T 3 | 22 49 4 | 11°14'47 | 2 Ω 35 | 7°48 | 17°32 | 28°51 | 11°47 | 13°48 | 3°19 | 9°56 | 25° 2 | 17°13 | 16°42 | 26°54 | 15°28 | T 3 |
| F 4 | 22 53 0 | 12°12'24 | 15°42 | 8°26 | 18°43 | 29°31 | 11°59 | 13°45 | 3°22 | 9°55 | 25° 4 | 17° 4 | 16°39 | 27° 1 | 15°26 | F 4 |
| S 5 | 22 56 57 | 13°10'02 | 29°11 | 9° 0 | 19°54 | 0Ω10 | 12°11 | 13°41 | 3°25 | 9°55 | 25° 6 | 16°54 | 16°36 | 27° 8 | 15°23 | S 5 |
| S 6 | 23 0 53 | 14° 7'41 | 13 m 2 | 9°30 | 21° 5 | 0°50 | 12°23 | 13°38 | 3°28 | 9°54 | 25° 8 | 16°42 | 16°33 | 27°14 | 15°21 | S 6 |
| M 7 | 23 4 50 | 15° 5'21 | 27°10 | 9°56 | 22°15 | 1°30 | 12°35 | 13°34 | 3°31 | 9°54 | 25°10 | 16°30 | 16°29 | 27°21 | 15°19 | M 7 |
| T 8 | 23 8 46 | 16° 3'02 | 11 ≏ 30 | 10°17 | 23°26 | 2°10 | 12°47 | 13°31 | 3°34 | 9°53 | 25°12 | 16°19 | 16°26 | 27°27 | 15°17 | T 8 |
| W 9 | 23 12 43 | 17° 0'44 | 25°56 | 10°33 | 24°36 | 2°49 | 13° 0 | 13°28 | 3°37 | 9°53 | 25°13 | 16°11 | 16°23 | 27°34 | 15°14 | W 9 |
| T 10 | 23 16 39 | 17°58'27 | 10ML22 | 10°45 | 25°47 | 3°29 | 13°12 | 13°24 | 3°40 | 9°53 | 25°15 | 16° 5 | 16°20 | 27°41 | 15°12 | T 10 |
| F 11 | 23 20 36 | 18°56'11 | 24°44 | 10°51 | 26°57 | 4° 8 | 13°24 | 13°21 | 3°42 | 9°52 | 25°17 | 16° 2 | 16°17 | 27°47 | 15°10 | F 11 |
| S 12 | 23 24 33 | 19°53'56 | 8 才 58 | 10°R52 | 28° 8 | 4°48 | 13°36 | 13°18 | 3°45 | 9°52 | 25°19 | 16° 2 | 16°14 | 27°54 | 15° 7 | S 12 |
| S 13 | 23 28 29 | 20°51'43 | 23° 3 | 10°47 | 29°18 | 5°27 | 13°49 | 13°15 | 3°48 | 9°52 | 25°21 | 16° 2 | 16°10 | 28° 1 | 15° 5 | S 13 |
| M14 | 23 32 26 | 21°49'30 | 6 පි 58 | 10°36 | 0 M 28 | 6° 6 | 14° 1 | 13°12 | 3°51 | 9°52 | 25°23 | 16° 1 | 16° 7 | 28° 7 | 15° 2 | M14 |
| T 15 | 23 36 22 | 22°47'18 | 20°44 | 10°20 | 1°38 | 6°45 | 14°14 | 13° 9 | 3°53 | 9°51 | 25°25 | 15°59 | 16° 4 | 28°14 | 15° 0 | T 15 |
| W16 | 23 40 19 | 23°45'07 | 4≈19 | 9°58 | 2°48 | 7°25 | 14°26 | 13° 6 | 3°56 | 9°51 | 25°27 | 15°54 | 16° 1 | 28°21 | 14°58 | W16 |
| T 17 | 23 44 15 | 24°42'57 | 17°45 | 9°29 | 3°58 | 8° 4 | 14°39 | 13° 3 | 3°58 | 9°51 | 25°29 | 15°47 | 15°58 | 28°27 | 14°55 | T 17 |
| F 18 | 23 48 12 | 25°40'49 | 0 ∺ 59 | 8°56 | 5° 8 | 8°43 | 14°51 | 13° 1 | 4° 1 | 9°51 | 25°31 | 15°37 | 15°55 | 28°34 | 14°53 | F 18 |
| S 19 | 23 52 8 | 26°38'41 | 14° 1 | 8°17 | 6°18 | 9°21 | 15° 4 | 12°58 | 4° 3 | 9°51 | 25°33 | 15°25 | 15°51 | 28°41 | 14°50 | S 19 |
| S 20 | 23 56 5 | 27°36'35 | 26°50 | 7°33 | 7°27 | 10° 0 | 15°16 | 12°56 | 4° 6 | 9°51 | 25°35 | 15°12 | 15°48 | 28°47 | 14°47 | S 20 |
| M21 | 0 0 1 | 28°34'31 | 9 Υ 26 | 6°45 | 8°37 | 10°39 | 15°29 | 12°53 | 4° 8 | 9°D51 | 25°37 | 15° 0 | 15°45 | 28°54 | 14°45 | M21 |
| T 22 | 0 3 58 | 29°32'28 | 21°47 | 5°53 | 9°47 | 11°18 | 15°41 | 12°51 | 4°11 | 9°51 | 25°40 | 14°49 | 15°42 | 29° 1 | 14°42 | T 22 |
| W23 | 0 7 55 | 0 ჲ 30'26 | 3 8 56 | 4°58 | 10°56 | 11°56 | 15°54 | 12°49 | 4°13 | 9°51 | 25°42 | 14°40 | 15°39 | 29° 7 | 14°40 | W23 |
| T 24 | 0 11 51 | 1°28'26 | 15°55 | 4° 2 | 12° 6 | 12°35 | 16° 7 | 12°46 | 4°15 | 9°51 | 25°44 | 14°34 | 15°35 | 29°14 | 14°37 | T 24 |
| F 25 | 0 15 48 | 2°26'28 | 27°46 | 3° 5 | 13°15 | 13°13 | 16°20 | 12°44 | 4°18 | 9°51 | 25°46 | 14°31 | 15°32 | 29°21 | 14°34 | F 25 |
| S 26 | 0 19 44 | 3°24'32 | 9 Ⅱ 33 | 2° 8 | 14°24 | 13°52 | 16°32 | 12°42 | 4°20 | 9°51 | 25°48 | 14°D30 | 15°29 | 29°27 | 14°32 | S 26 |
| S 27 | 0 23 41 | 4°22'38 | 21°22 | 1°14 | 15°33 | 14°30 | 16°45 | 12°40 | 4°22 | 9°51 | 25°50 | 14°30 | 15°26 | 29°34 | 14°29 | S 27 |
| M28 | 0 27 37 | 5°20'45 | 39917 | 0°22 | 16°42 | 15° 8 | 16°58 | 12°39 | 4°24 | 9°51 | 25°52 | 14°R30 | 15°23 | 29°40 | 14°26 | M28 |
| T 29 | 0 31 34 | 6°18'55 | 15°24 | 29 m 35 | 17°51 | 15°46 | 17°11 | 12°37 | 4°27 | 9°52 | 25°55 | 14°30 | 15°20 | 29°47 | 14°24 | T 29 |
| W30 | 0 35 30 | 7 ≏ 17'06 | 279548 | 28 m 53 | 19 M 0 | 16 Ω 24 | 17 ≏ 23 | 12≈35 | 4 Ω 29 | 9 궁 52 | 25 ≏ 57 | 14 × ⁷ 28 | 15 ₹ 16 | 29 8 54 | 14 Y 21 | W30 |

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| T 1 | 0 39 27 | 8 ₽ 15'19 | 10 Ω 34 | 28°R18 | 20 M 9 | 17 Ω 2 | 17 ≏ 36 | 12°R34 | 4 Ω 31 | 9 궁 52 | 25 ≙ 59 | 14°R24 | 15 × 13 | 0 II 0 | 14°R18 | T 1 |
| F 2 | 0 43 24 | 9°13'34 | 23°45 | 27 m 49 | 21°18 | 17°40 | 17°49 | 12≈32 | 4°33 | 9°53 | 26° 1 | 14 × 17 | 15°10 | 0° 7 | 14 Y 16 | F 2 |
| S 3 | 0 47 20 | 10°11'51 | 7 m 23 | 27°29 | 22°26 | 18°18 | 18° 2 | 12°31 | 4°35 | 9°53 | 26° 3 | 14° 9 | 15° 7 | 0°14 | 14°13 | S 3 |
| S 4 | 0 51 17 | 11°10'10 | 21°27 | 27°18 | 23°35 | 18°56 | 18°15 | 12°29 | 4°37 | 9°53 | 26° 6 | 13°59 | 15° 4 | 0°20 | 14°10 | S 4 |
| M 5 | 0 55 13 | 12° 8'30 | 5 ≏ 53 | 27°D15 | 24°43 | 19°34 | 18°28 | 12°28 | 4°38 | 9°54 | 26° 8 | 13°49 | 15° 1 | 0°27 | 14° 7 | M 5 |
| T 6 | 0 59 10 | 13° 6'52 | 20°35 | 27°22 | 25°51 | 20°11 | 18°41 | 12°27 | 4°40 | 9°54 | 26°10 | 13°40 | 14°57 | 0°34 | 14° 5 | T 6 |
| W 7 | 1 3 6 | 14° 5'16 | 5 M 25 | 27°38 | 27° 0 | 20°49 | 18°54 | 12°26 | 4°42 | 9°55 | 26°12 | 13°33 | 14°54 | 0°40 | 14° 2 | W 7 |
| T 8 | 1 7 3 | 15° 3'42 | 20°15 | 28° 2 | 28° 8 | 21°26 | 19° 6 | 12°25 | 4°44 | 9°55 | 26°15 | 13°29 | 14°51 | 0°47 | 13°59 | T 8 |
| F 9 | 1 10 59 | 16° 2'10 | 4 才 57 | 28°36 | 29°16 | 22° 3 | 19°19 | 12°24 | 4°45 | 9°56 | 26°17 | 13°27 | 14°48 | 0°54 | 13°57 | F 9 |
| S 10 | 1 14 56 | 17° 0'38 | 19°27 | 29°19 | 0 , 724 | 22°41 | 19°32 | 12°24 | 4°47 | 9°57 | 26°19 | 13°D26 | 14°45 | 1° 0 | 13°54 | S 10 |
| S 11 | 1 18 53 | 17°59'09 | 3 ප් 41 | 0 ჲ 10 | 1°31 | 23°18 | 19°45 | 12°23 | 4°49 | 9°57 | 26°22 | 13°27 | 14°41 | 1° 7 | 13°51 | S 11 |
| M12 | 1 22 49 | 18°57'41 | 17°37 | 1° 8 | 2°39 | 23°55 | 19°58 | 12°23 | 4°50 | 9°58 | 26°24 | 13°R28 | 14°38 | 1°14 | 13°48 | M12 |
| T 13 | 1 26 46 | 19°56'14 | 1≈17 | 2°14 | 3°47 | 24°32 | 20°11 | 12°22 | 4°52 | 9°59 | 26°26 | 13°27 | 14°35 | 1°20 | 13°46 | T 13 |
| W14 | 1 30 42 | 20°54'49 | 14°40 | 3°26 | 4°54 | 25° 9 | 20°24 | 12°22 | 4°53 | 9°59 | 26°28 | 13°25 | 14°32 | 1°27 | 13°43 | W14 |
| T 15 | 1 34 39 | 21°53'26 | 27°49 | 4°45 | 6° 1 | 25°46 | 20°37 | 12°22 | 4°54 | 10° 0 | 26°31 | 13°20 | 14°29 | 1°33 | 13°40 | T 15 |
| F 16 | 1 38 35 | 22°52'04 | 10) (43 | 6° 8 | 7° 8 | 26°22 | 20°50 | 12°21 | 4°56 | 10° 1 | 26°33 | 13°13 | 14°26 | 1°40 | 13°38 | F 16 |
| S 17 | 1 42 32 | 23°50'43 | 23°26 | 7°36 | 8°15 | 26°59 | 21° 3 | 12°D21 | 4°57 | 10° 2 | 26°35 | 13° 5 | 14°22 | 1°47 | 13°35 | S 17 |
| S 18 | 1 46 28 | 24°49'25 | 5 Y 56 | 9° 9 | 9°22 | 27°36 | 21°16 | 12°22 | 4°58 | 10° 2 | 26°38 | 12°56 | 14°19 | 1°53 | 13°32 | S 18 |
| M19 | 1 50 25 | 25°48'08 | 18°15 | 10°44 | 10°29 | 28°12 | 21°29 | 12°22 | 5° 0 | 10° 3 | 26°40 | 12°47 | 14°16 | 2° 0 | 13°30 | M19 |
| T 20 | 1 54 21 | 26°46'53 | 0 8 25 | 12°23 | 11°35 | 28°48 | 21°42 | 12°22 | 5° 1 | 10° 4 | 26°42 | 12°39 | 14°13 | 2° 7 | 13°27 | T 20 |
| W21 | 1 58 18 | 27°45'40 | 12°25 | 14° 4 | 12°41 | 29°25 | 21°55 | 12°22 | 5° 2 | 10° 5 | 26°45 | 12°33 | 14°10 | 2°13 | 13°24 | W21 |
| T 22 | 2 2 15 | 28°44'29 | 24°18 | 15°47 | 13°48 | 0 Mp 1 | 22° 7 | 12°23 | 5° 3 | 10° 6 | 26°47 | 12°30 | 14° 6 | 2°20 | 13°22 | T 22 |
| F 23 | 2 6 11 | 29°43'20 | 6 I I 6 | 17°31 | 14°54 | 0°37 | 22°20 | 12°23 | 5° 4 | 10° 7 | 26°49 | 12°28 | 14° 3 | 2°27 | 13°19 | F 23 |
| S 24 | 2 10 8 | 0M42'14 | 17°53 | 19°17 | 15°59 | 1°13 | 22°33 | 12°24 | 5° 5 | 10° 8 | 26°51 | 12°D28 | 14° 0 | 2°33 | 13°17 | S 24 |
| S 25 | 2 14 4 | 1°41'09 | 29°41 | 21° 3 | 17° 5 | 1°49 | 22°46 | 12°25 | 5° 6 | 10° 9 | 26°54 | 12°29 | 13°57 | 2°40 | 13°14 | S 25 |
| M26 | 2 18 1 | 2°40'06 | 119536 | 22°50 | 18°11 | 2°25 | 22°59 | 12°26 | 5° 7 | 10°10 | 26°56 | 12°30 | 13°54 | 2°47 | 13°12 | M26 |
| T 27 | 2 21 57 | 3°39'06 | 23°41 | 24°38 | 19°16 | 3° 0 | 23°12 | 12°27 | 5° 7 | 10°12 | 26°58 | 12°32 | 13°51 | 2°53 | 13° 9 | T 27 |
| W28 | 2 25 54 | 4°38'08 | 6Ω 3 | 26°25 | 20°21 | 3°36 | 23°25 | 12°28 | 5° 8 | 10°13 | 27° 1 | 12°R32 | 13°47 | 3° 0 | 13° 7 | W28 |
| T 29 | 2 29 50 | 5°37'12 | 18°45 | 28°12 | 21°26 | 4°11 | 23°37 | 12°29 | 5° 9 | 10°14 | 27° 3 | 12°31 | 13°44 | 3° 7 | 13° 4 | T 29 |
| F 30 | 2 33 47 | 6°36'18 | 1 m 53 | 29°59 | 22°31 | 4°47 | 23°50 | 12°30 | 5° 9 | 10°15 | 27° 5 | 12°29 | 13°41 | 3°13 | 13° 2 | F 30 |
| S 31 | 2 37 44 | 7 M 35'27 | 15 M 28 | 1 M .46 | 23 × 35 | 5 M 22 | 24 ♀ 3 | 12≈31 | 5 Ω 10 | 10 ਰ 16 | 27 ♀ 7 | 12 × 25 | 13 ₹ 38 | 3Ⅱ20 | 12 Υ 59 | S 31 |

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|------|---------|-------------------|-----------------|----------------|----------------|---------------|----------------|-------|---------------|----------------|----------------|-----------------|----------------|---------------|----------------|------|
| S 1 | 2 41 40 | 8MJ34'38 | 29 m 32 | 3MJ32 | 24 × 39 | 5 m 57 | 24 ₽ 16 | 12≈33 | 5 Ω 10 | 10 궁 18 | 27 ⊆ 10 | 12°R20 | 13 ∡ 35 | 3 Ⅱ 26 | 12°R57 | S 1 |
| M 2 | 2 45 37 | 9°33'50 | 14 <u>0</u> 2 | 5°18 | 25°44 | 6°32 | 24°28 | 12°34 | 5°11 | 10°19 | 27°12 | 12 × 15 | 13°32 | 3°33 | 12 Y 54 | M 2 |
| T 3 | 2 49 33 | 10°33'05 | 28°53 | 7° 3 | 26°47 | 7° 7 | 24°41 | 12°36 | 5°11 | 10°20 | 27°14 | 12°11 | 13°28 | 3°40 | 12°52 | T 3 |
| W 4 | 2 53 30 | 11°32'23 | 13 M 57 | 8°48 | 27°51 | 7°42 | 24°54 | 12°38 | 5°12 | 10°22 | 27°17 | 12° 7 | 13°25 | 3°46 | 12°50 | W 4 |
| T 5 | 2 57 26 | 12°31'42 | 29° 6 | 10°32 | 28°55 | 8°17 | 25° 6 | 12°40 | 5°12 | 10°23 | 27°19 | 12° 5 | 13°22 | 3°53 | 12°48 | T 5 |
| F 6 | 3 1 23 | 13°31'03 | 14 ×7 9 | 12°15 | 29°58 | 8°52 | 25°19 | 12°42 | 5°12 | 10°24 | 27°21 | 12°D 5 | 13°19 | 4° 0 | 12°45 | F 6 |
| S 7 | 3 5 19 | 14°30'26 | 28°59 | 13°58 | 1ਰ 1 | 9°26 | 25°32 | 12°44 | 5°13 | 10°26 | 27°23 | 12° 5 | 13°16 | 4° 6 | 12°43 | S 7 |
| S 8 | 3 9 16 | 15°29'50 | 13る29 | 15°40 | 2° 3 | 10° 1 | 25°44 | 12°46 | 5°13 | 10°27 | 27°25 | 12° 7 | 13°12 | 4°13 | 12°41 | S 8 |
| M 9 | 3 13 13 | 16°29'16 | 27°37 | 17°21 | 3° 6 | 10°35 | 25°57 | 12°48 | 5°13 | 10°29 | 27°28 | 12° 8 | 13° 9 | 4°20 | 12°39 | M 9 |
| T 10 | 3 17 9 | 17°28'44 | 11≈22 | 19° 2 | 4° 8 | 11° 9 | 26° 9 | 12°50 | 5°R13 | 10°30 | 27°30 | 12°R 9 | 13° 6 | 4°26 | 12°37 | T 10 |
| W11 | 3 21 6 | 18°28'13 | 24°44 | 20°42 | 5° 9 | 11°43 | 26°22 | 12°53 | 5°13 | 10°32 | 27°32 | 12° 9 | 13° 3 | 4°33 | 12°35 | W11 |
| T 12 | 3 25 2 | 19°27'44 | 7 ∺ 45 | 22°22 | 6°11 | 12°17 | 26°34 | 12°55 | 5°13 | 10°33 | 27°34 | 12° 8 | 13° 0 | 4°40 | 12°33 | T 12 |
| F 13 | 3 28 59 | 20°27'17 | 20°29 | 24° 0 | 7°12 | 12°51 | 26°47 | 12°58 | 5°13 | 10°35 | 27°36 | 12° 6 | 12°57 | 4°46 | 12°31 | F 13 |
| S 14 | 3 32 55 | 21°26'51 | 2 ℃ 57 | 25°39 | 8°13 | 13°25 | 26°59 | 13° 1 | 5°12 | 10°36 | 27°39 | 12° 3 | 12°53 | 4°53 | 12°29 | S 14 |
| S 15 | 3 36 52 | 22°26'27 | 15°13 | 27°16 | 9°13 | 13°58 | 27°11 | 13° 3 | 5°12 | 10°38 | 27°41 | 12° 0 | 12°50 | 5° 0 | 12°27 | S 15 |
| M16 | 3 40 48 | 23°26'05 | 27°19 | 28°53 | 10°13 | 14°32 | 27°23 | 13° 6 | 5°12 | 10°40 | 27°43 | 11°57 | 12°47 | 5° 6 | 12°25 | M16 |
| T 17 | 3 44 45 | 24°25'45 | 9 8 17 | 0 ₮ 30 | 11°13 | 15° 5 | 27°36 | 13° 9 | 5°12 | 10°41 | 27°45 | 11°54 | 12°44 | 5°13 | 12°23 | T 17 |
| W18 | 3 48 42 | 25°25'26 | 21°10 | 2° 6 | 12°12 | 15°38 | 27°48 | 13°12 | 5°11 | 10°43 | 27°47 | 11°52 | 12°41 | 5°19 | 12°21 | W18 |
| T 19 | 3 52 38 | 26°25'10 | 2 II 59 | 3°41 | 13°11 | 16°11 | 28° 0 | 13°15 | 5°11 | 10°45 | 27°49 | 11°51 | 12°38 | 5°26 | 12°19 | T 19 |
| F 20 | 3 56 35 | 27°24'55 | 14°46 | 5°16 | 14° 9 | 16°44 | 28°12 | 13°19 | 5°10 | 10°47 | 27°51 | 11°D51 | 12°34 | 5°33 | 12°18 | F 20 |
| S 21 | 4 0 31 | 28°24'43 | 26°34 | 6°50 | 15° 7 | 17°17 | 28°24 | 13°22 | 5°10 | 10°48 | 27°53 | 11°51 | 12°31 | 5°39 | 12°16 | S 21 |
| S 22 | 4 4 28 | 29°24'32 | 89526 | 8°24 | 16° 5 | 17°49 | 28°36 | 13°25 | 5° 9 | 10°50 | 27°55 | 11°52 | 12°28 | 5°46 | 12°14 | S 22 |
| M23 | 4 8 24 | 0 ҂ 24'23 | 20°24 | 9°57 | 17° 2 | 18°22 | 28°48 | 13°29 | 5° 9 | 10°52 | 27°57 | 11°53 | 12°25 | 5°53 | 12°13 | M23 |
| T 24 | 4 12 21 | 1°24'17 | 2 Ω 32 | 11°30 | 17°59 | 18°54 | 29° 0 | 13°32 | 5° 8 | 10°54 | 27°59 | 11°55 | 12°22 | 5°59 | 12°11 | T 24 |
| W25 | 4 16 17 | 2°24'12 | 14°54 | 13° 3 | 18°55 | 19°26 | 29°12 | 13°36 | 5° 7 | 10°56 | 28° 1 | 11°55 | 12°18 | 6° 6 | 12°10 | W25 |
| T 26 | 4 20 14 | 3°24'10 | 27°34 | 14°35 | 19°50 | 19°59 | 29°23 | 13°40 | 5° 6 | 10°58 | 28° 3 | 11°56 | 12°15 | 6°13 | 12° 8 | T 26 |
| F 27 | 4 24 11 | 4°24'09 | 10 m /36 | 16° 6 | 20°45 | 20°30 | 29°35 | 13°44 | 5° 5 | 10°59 | 28° 5 | 11°R56 | 12°12 | 6°19 | 12° 7 | F 27 |
| S 28 | 4 28 7 | 5°24'11 | 24° 2 | 17°38 | 21°40 | 21° 2 | 29°47 | 13°48 | 5° 5 | 11° 1 | 28° 7 | 11°55 | 12° 9 | 6°26 | 12° 5 | S 28 |
| S 29 | 4 32 4 | 6°24'14 | 7 ≙ 55 | 19°8 | 22°34 | 21°34 | 29°58 | 13°52 | 5° 4 | 11° 3 | 28° 9 | 11°55 | 12° 6 | 6°33 | 12° 4 | S 29 |
| M30 | 4 36 0 | 7 . ₹24'20 | 22 ≏ 15 | 20 ∡ 39 | 23 る 27 | 22 Mp 5 | 0 M _10 | 13≈56 | 5 Ω 3 | 11궁 5 | 28 ≏ 11 | 11 × 754 | 12 × 3 | 6耳39 | 12 ° 3 | M30 |

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|------|---------|-------------------|----------------------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|-----------------|-----------------|---------------|----------------|--------------|
| T 1 | 4 39 57 | 8 ∡ 124'28 | 6 M .58 | 22 ,7 9 | 24320 | 22 m 37 | 0 M 21 | 14≈ 0 | 5°R 2 | 11중 7 | 28 ₽ 13 | 11°R54 | 11 √ 159 | 6 Ⅱ 46 | 12°R 2 | T 1 |
| W 2 | 4 43 53 | 9°24'38 | 21°59 | 23°38 | 25°12 | 23° 8 | 0°33 | 14° 4 | 5 Ω 0 | 11° 9 | 28°15 | 11 ~ 154 | 11°56 | 6°52 | 12 ° 0 | W 2 |
| T 3 | 4 47 50 | 10°24'49 | 7 ₹ 11 | 25° 7 | 26° 3 | 23°39 | 0°44 | 14° 8 | 4°59 | 11°11 | 28°17 | 11°D54 | 11°53 | 6°59 | 11°59 | T 3 |
| F 4 | 4 51 46 | 11°25'03 | 2 <u>2</u> °24 | 26°36 | 26°54 | 24° 9 | 0°55 | 14°13 | 4°58 | 11°13 | 28°19 | 11°54 | 11°50 | 7° 6 | 11°58 | F 4 |
| S 5 | 4 55 43 | 12°25'17 | 7 궁 27 | 28° 4 | 27°44 | 24°40 | 1° 7 | 14°17 | 4°57 | 11°15 | 28°20 | 11°R54 | 11°47 | 7°12 | 11°57 | S 5 |
| S 6 | 4 59 40 | 13°25'34 | 22°14 | 29°32 | 28°33 | 25°10 | 1°18 | 14°22 | 4°56 | 11°17 | 28°22 | 11°53 | 11°44 | 7°19 | 11°56 | S 6 |
| M 7 | 5 3 36 | 14°25'52 | 6≈37 | 0 궁 59 | 29°21 | 25°41 | 1°29 | 14°26 | 4°54 | 11°19 | 28°24 | 11°53 | 11°40 | 7°26 | 11°55 | M 7 |
| T 8 | 5 7 33 | 15°26'11 | 20°34 | 2°26 | 0≈ 9 | 26°11 | 1°40 | 14°31 | 4°53 | 11°21 | 28°26 | 11°53 | 11°37 | 7°32 | 11°54 | T 8 |
| W 9 | 5 11 29 | 16°26'31 | 4) € 3 | 3°52 | 0°55 | 26°41 | 1°51 | 14°36 | 4°51 | 11°23 | 28°27 | 11°53 | 11°34 | 7°39 | 11°54 | W 9 |
| T 10 | 5 15 26 | 17°26'53 | 17° 7 | 5°18 | 1°41 | 27°10 | 2° 2 | 14°41 | 4°50 | 11°26 | 28°29 | 11°D53 | 11°31 | 7°46 | 11°53 | T 10 |
| F 11 | 5 19 22 | 18°27'16 | 29°48 | 6°42 | 2°26 | 27°40 | 2°12 | 14°45 | 4°49 | 11°28 | 28°31 | 11°53 | 11°28 | 7°52 | 11°52 | F 11 |
| S 12 | 5 23 19 | 19°27'40 | 12 Y 11 | 8° 6 | 3° 9 | 28° 9 | 2°23 | 14°50 | 4°47 | 11°30 | 28°32 | 11°53 | 11°24 | 7°59 | 11°52 | S 12 |
| S 13 | 5 27 15 | 20°28'06 | 24°20 | 9°29 | 3°52 | 28°38 | 2°34 | 14°55 | 4°45 | 11°32 | 28°34 | 11°54 | 11°21 | 8° 6 | 11°51 | S 13 |
| M14 | 5 31 12 | 21°28'33 | 6 8 17 | 10°51 | 4°34 | 29° 7 | 2°44 | 15° 1 | 4°44 | 11°34 | 28°35 | 11°55 | 11°18 | 8°12 | 11°50 | M14 |
| T 15 | 5 35 9 | 22°29'01 | 18° 9 | 12°12 | 5°14 | 29°36 | 2°54 | 15° 6 | 4°42 | 11°36 | 28°37 | 11°56 | 11°15 | 8°19 | 11°50 | T 15 |
| W16 | 5 39 5 | 23°29'30 | 29°57 | 13°32 | 5°53 | 0요 4 | 3° 5 | 15°11 | 4°40 | 11°38 | 28°39 | 11°57 | 11°12 | 8°26 | 11°49 | W16 |
| T 17 | 5 43 2 | 24°30'01 | 11 ∏ 44 | 14°50 | 6°31 | 0°32 | 3°15 | 15°16 | 4°39 | 11°41 | 28°40 | 11°R57 | 11° 9 | 8°32 | 11°49 | T 17 |
| F 18 | 5 46 58 | 25°30'33 | 23°34 | 16° 7 | 7° 8 | 1° 0 | 3°25 | 15°22 | 4°37 | 11°43 | 28°42 | 11°57 | 11° 5 | 8°39 | 11°49 | F 18 |
| S 19 | 5 50 55 | 26°31'07 | 5927 | 17°22 | 7°44 | 1°28 | 3°35 | 15°27 | 4°35 | 11°45 | 28°43 | 11°56 | 11° 2 | 8°45 | 11°49 | S 19 |
| S 20 | 5 54 51 | 27°31'42 | 17°27 | 18°35 | 8°18 | 1°56 | 3°45 | 15°32 | 4°33 | 11°47 | 28°44 | 11°54 | 10°59 | 8°52 | 11°48 | S 20 |
| M21 | 5 58 48 | 28°32'18 | 29°36 | 19°45 | 8°50 | 2°23 | 3°55 | 15°38 | 4°31 | 11°49 | 28°46 | 11°51 | 10°56 | 8°59 | 11°48 | M21 |
| T 22 | 6 2 45 | 29°32'56 | 11 Ω 54 | 20°53 | 9°21 | 2°50 | 4° 5 | 15°44 | 4°29 | 11°52 | 28°47 | 11°49 | 10°53 | 9° 5 | 11°48 | T 22 |
| W23 | 6 6 41 | 0중33'35 | 24°24 | 21°57 | 9°51 | 3°17 | 4°14 | 15°49 | 4°27 | 11°54 | 28°49 | 11°46 | 10°50 | 9°12 | 11°D48 | W23 |
| T 24 | 6 10 38 | 1°34'15 | 7 m 8 | 22°58 | 10°19 | 3°44 | 4°24 | 15°55 | 4°25 | 11°56 | 28°50 | 11°43 | 10°46 | 9°19 | 11°48 | T 24 |
| F 25 | 6 14 34 | 2°34'57 | 20° 9 3 <u>0</u> 29 | 23°55 24°47 | 10°45 | 4°10 | 4°33 | 16° 1 16° 7 | 4°23 | 11°58 12° 0 | 28°51 | 11°42 | 10°43 | 9°25 9°32 | 11°48 11°48 | F 25 S 26 |
| S 26 | 6 18 31 | 3°35'41 | | | 11°10 | 4°36 | 4°43 | | 4°21 | | 28°52 | 11°D41 | 10°40 | | | |
| S 27 | 6 22 27 | 4°36'26 | 17°10 | 25°33 | 11°33 | 5° 2 | 4°52 | 16°12 | 4°19 | 12° 3 | 28°54 | 11°42 | 10°37 | 9°39 | 11°48 | S 27 |
| M28 | 6 26 24 | 5°37'12 | 1ML13 | 26°14 | 11°54 | 5°28 | 5° 1 | 16°18 | 4°17 | 12° 5 | 28°55 | 11°43 | 10°34 | 9°45 | 11°49 | M28 |
| T 29 | 6 30 20 | 6°38'00 | 15°38 | 26°48 | 12°13 | 5°53 | 5°10 | 16°24 | 4°15 | 12° 7 | 28°56 | 11°45 | 10°30 | 9°52 | 11°49 | T 29 |
| W30 | 6 34 17 | 7°38'49 | 0 × ⁷ 21 | 27°14 | 12°30 | 6°18 | 5°19 | 16°30 | 4°12 | 12° 9 | 28°57 | 11°46 | 10°27 | 9°59 | 11°49 | W30 |
| T 31 | 6 38 14 | 8 궁 39'39 | 15 × 18 | 27 る 31 | 12 ≈ 45 | 6 ≏ 43 | 5 M 28 | 16≈36 | 4 Ω 10 | 12 る 12 | 28 ≏ 58 | 11°R46 | 10 × 24 | 10 I 5 | 11 Y 50 | T 31 |

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| F 1 | 6 42 10 | 9 ප් 40'31 | 0 ට 21 | 27°R40 | 12≈57 | 7 <u>₽</u> 8 | 5 M .36 | 16≈43 | 4°R 8 | 12 궁 14 | 28 £ 59 | 11°R45 | 10 × 21 | 10 Ⅱ 12 | 11 Y 50 | F 1 |
| S 2 | 6 46 7 | 10°41'24 | 15°23 | 27 る 38 | 13° 8 | 7°32 | 5°45 | 16°49 | 4 Ω 6 | 12°16 | 29° 0 | 11 ∡ 142 | 10°18 | 10°18 | 11°51 | S 2 |
| S 3 | 6.50 3 | 11°42'17 | 0≈13 | 27°25 | 13°17 | 7°56 | 5°53 | 16°55 | 4° 3 | 12°18 | 29° 1 | 11°39 | 10°15 | 10°25 | 11°51 | S 3 |
| M 4 | 6 54 0 | 12°43'12 | 14°44 | 27° 1 | 13°23 | 8°19 | 6° 2 | 17° 1 | 4° 1 | 12°21 | 29° 2 | 11°34 | 10°11 | 10°32 | 11°52 | M 4 |
| T 5 | 6 57 56 | 13°44'07 | 28°51 | 26°25 | 13°27 | 8°42 | 6°10 | 17° 8 | 3°59 | 12°23 | 29° 3 | 11°29 | 10° 8 | 10°38 | 11°52 | T 5 |
| W 6 | 7 1 53 | 14°45'02 | 12 米 29 | 25°38 | 13°R28 | 9° 5 | 6°18 | 17°14 | 3°56 | 12°25 | 29° 4 | 11°24 | 10° 5 | 10°45 | 11°53 | W 6 |
| T 7 | 7 5 49 | 15°45'58 | 25°41 | 24°41 | 13°27 | 9°28 | 6°26 | 17°20 | 3°54 | 12°28 | 29° 5 | 11°21 | 10° 2 | 10°52 | 11°54 | T 7 |
| F 8 | 7 9 46 | 16°46'55 | 8 Υ 26 | 23°34 | 13°24 | 9°50 | 6°34 | 17°27 | 3°51 | 12°30 | 29° 6 | 11°19 | 9°59 | 10°58 | 11°55 | F 8 |
| S 9 | 7 13 43 | 17°47'52 | 20°50 | 22°19 | 13°18 | 10°12 | 6°41 | 17°33 | 3°49 | 12°32 | 29° 7 | 11°D19 | 9°56 | 11° 5 | 11°56 | S 9 |
| S 10 | 7 17 39 | 18°48'49 | 2 8 57 | 20°59 | 13° 9 | 10°33 | 6°49 | 17°40 | 3°46 | 12°34 | 29° 7 | 11°20 | 9°52 | 11°12 | 11°57 | S 10 |
| M11 | 7 21 36 | 19°49'47 | 14°53 | 19°36 | 12°58 | 10°55 | 6°56 | 17°46 | 3°44 | 12°37 | 29° 8 | 11°21 | 9°49 | 11°18 | 11°58 | M11 |
| T 12 | 7 25 32 | 20°50'45 | 26°41 | 18°14 | 12°45 | 11°15 | 7° 4 | 17°53 | 3°41 | 12°39 | 29° 9 | 11°23 | 9°46 | 11°25 | 11°59 | T 12 |
| W13 | 7 29 29 | 21°51'44 | 8耳28 | 16°54 | 12°29 | 11°36 | 7°11 | 17°59 | 3°39 | 12°41 | 29° 9 | 11°R24 | 9°43 | 11°32 | 12° 0 | W13 |
| T 14 | 7 33 25 | 22°52'43 | 20°16 | 15°39 | 12°10 | 11°56 | 7°18 | 18° 6 | 3°36 | 12°43 | 29°10 | 11°24 | 9°40 | 11°38 | 12° 1 | T 14 |
| F 15 | 7 37 22 | 23°53'43 | 29510 | 14°32 | 11°49 | 12°16 | 7°25 | 18°13 | 3°34 | 12°45 | 29°11 | 11°21 | 9°36 | 11°45 | 12° 2 | F 15 |
| S 16 | 7 41 19 | 24°54'43 | 14°12 | 13°34 | 11°26 | 12°35 | 7°31 | 18°20 | 3°31 | 12°48 | 29°11 | 11°17 | 9°33 | 11°52 | 12° 3 | S 16 |
| S 17 | 7 45 15 | 25°55'43 | 26°24 | 12°46 | 11° 1 | 12°54 | 7°38 | 18°26 | 3°29 | 12°50 | 29°12 | 11°10 | 9°30 | 11°58 | 12° 5 | S 17 |
| M18 | 7 49 12 | 26°56'44 | 8 Ω 48 | 12° 9 | 10°34 | 13°12 | 7°44 | 18°33 | 3°26 | 12°52 | 29°12 | 11° 2 | 9°27 | 12° 5 | 12° 6 | M18 |
| T 19 | 7 53 8 | 27°57'45 | 21°23 | 11°42 | 10° 5 | 13°30 | 7°51 | 18°40 | 3°24 | 12°54 | 29°13 | 10°53 | 9°24 | 12°11 | 12° 8 | T 19 |
| W20 | 7 57 5 | 28°58'47 | 4 mp 10 | 11°26 | 9°34 | 13°48 | 7°57 | 18°47 | 3°21 | 12°57 | 29°13 | 10°44 | 9°21 | 12°18 | 12° 9 | W20 |
| T 21 | 8 1 1 | 29°59'49 | 17° 9 0 ≙ 21 | 11°D20 11°23 | 9° 2 8°28 | 14° 5 14°22 | 8° 3 8° 9 | 18°54 19° 0 | 3°19 3°16 | 12°59 13° 1 | 29°14 29°14 | 10°36 10°30 | 9°17 9°14 | 12°25 | 12°11 12°12 | T 21 F 22 |
| F 22 S 23 | 8 4 58 8 8 54 | 1≈ 0'52 2° 1'55 | 13°46 | 11°23 | 7°54 | 14°22 14°38 | 8° 14 | 19° 0 | 3°13 | 13° 1 | 29°14 29°14 | 10°30 10°26 | 9°14 9°11 | 12°31 12°38 | 12°12 | S 23 |
| | | | | | | | - | | | | | | - | | | |
| S 24 | 8 12 51 | 3° 2'58 | 27°24 | 11°55 | 7°18 | 14°54 | 8°20 | 19°14 | 3°11 | 13° 5 | 29°15 | 10°D24 | 9° 8 | 12°45 | 12°15 | S 24 |
| M25 | 8 16 48 | 4° 4'03 | 11 M .16 | 12°23 | 6°42 | 15° 9 | 8°25 | 19°21 | 3° 8 | 13° 7 | 29°15 | 10°25 | 9° 5 | 12°51 | 12°17 | M25 |
| T 26 W27 | 8 20 44 | 5° 5'07 6° 6'12 | 25°23 9 ∡ 744 | 12°57 13°37 | 6° 5 5°28 | 15°24 | 8°30 8°35 | 19°28 19°35 | 3° 6 3° 3 | 13°10 13°12 | 29°15 29°15 | 10°25 | 9° 2 8°58 | 12°58 13° 5 | 12°19 12°21 | T 26 W27 |
| T 28 | 8 24 41 8 28 37 | 7° 7'18 | 24°16 | 13°37 14°22 | 5°28 4°52 | 15°38 15°52 | 8°35 8°40 | 19°35 19°42 | 3° 3 | 13°12 13°14 | 29°15 29°15 | 10°R26 10°25 | 8°58 8°55 | 13° 5 | 12°21 12°23 | T 28 |
| F 29 | 8 32 34 | 8° 8'24 | 8 云 56 | 15°12 | 4°16 | 15° 52 16° 6 | 8°45 | 19°42 19°49 | 2°58 | 13°16 | 29°15 | 10°23 | 8°52 | 13°18 | 12°24 | F 29 |
| S 30 | 8 36 30 | 9° 9'30 | 23°38 | 16° 5 | 3°40 | 16°18 | 8°50 | 19°56 | 2°55 | 13°18 | 29°15 | 10°22 | 8°49 | 13°25 | 12°26 | S 30 |
| S 31 | 8 40 27 | 10≈10'36 | 8 ≈ 14 | 17 ප 3 | 3≈ 6 | 16 ₾ 30 | 8 M .54 | 20≈ 3 | 2 \Omega 53 | 13 る 20 | 29 ≙ 16 | 10 🗷 8 | 8 ∡ 746 | 13 II 31 | 12 Y 28 | S 31 |

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|------|----------|------------------|----------------|-------|----------------|----------------|----------------|-------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| M 1 | 8 44 23 | 11≈11'42 | 22≈37 | 18궁 4 | 2°R32 | 16 ≏ 42 | 8 M .58 | 20≈10 | 2°R50 | 13る22 | 29°R16 | 9°R58 | 8 ∡ 742 | 13耳38 | 12 Y 30 | M 1 |
| T 2 | 8 48 20 | 12°12'47 | 6)(41 | 19°8 | 2≈ 0 | 16°53 | 9° 2 | 20°17 | $2\Omega 48$ | 13°24 | 29 ₽ 15 | 9 .7 47 | 8°39 | 13°44 | 12°33 | T 2 |
| W 3 | 8 52 17 | 13°13'53 | 20°21 | 20°15 | 1°29 | 17° 4 | 9° 6 | 20°24 | 2°45 | 13°26 | 29°15 | 9°37 | 8°36 | 13°51 | 12°35 | W 3 |
| T 4 | 8 56 13 | 14°14'57 | 3 Y 36 | 21°24 | 1° 0 | 17°13 | 9°10 | 20°32 | 2°43 | 13°28 | 29°15 | 9°28 | 8°33 | 13°58 | 12°37 | T 4 |
| F 5 | 9 0 10 | 15°16'02 | 16°26 | 22°35 | 0°33 | 17°23 | 9°13 | 20°39 | 2°40 | 13°30 | 29°15 | 9°22 | 8°30 | 14° 4 | 12°39 | F 5 |
| S 6 | 9 4 6 | 16°17'06 | 28°53 | 23°48 | 0° 8 | 17°31 | 9°17 | 20°46 | 2°38 | 13°32 | 29°15 | 9°18 | 8°27 | 14°11 | 12°41 | S 6 |
| S 7 | 9 8 3 | 17°18'09 | 118 2 | 25° 3 | 29 궁 45 | 17°39 | 9°20 | 20°53 | 2°35 | 13°34 | 29°15 | 9°16 | 8°23 | 14°18 | 12°44 | S 7 |
| M 8 | 9 11 59 | 18°19'12 | 22°58 | 26°19 | 29°24 | 17°47 | 9°23 | 21° 0 | 2°33 | 13°36 | 29°15 | 9°D16 | 8°20 | 14°24 | 12°46 | M 8 |
| T 9 | 9 15 56 | 19°20'15 | 4∏47 | 27°37 | 29° 5 | 17°53 | 9°25 | 21° 7 | 2°30 | 13°38 | 29°14 | 9°R17 | 8°17 | 14°31 | 12°48 | T 9 |
| W10 | 9 19 52 | 20°21'16 | 16°34 | 28°56 | 28°49 | 18° 0 | 9°28 | 21°14 | 2°28 | 13°40 | 29°14 | 9°17 | 8°14 | 14°38 | 12°51 | W10 |
| T 11 | 9 23 49 | 21°22'17 | 28°24 | 0≈16 | 28°35 | 18° 5 | 9°30 | 21°21 | 2°25 | 13°42 | 29°14 | 9°15 | 8°11 | 14°44 | 12°53 | T 11 |
| F 12 | 9 27 46 | 22°23'18 | 109522 | 1°38 | 28°24 | 18°10 | 9°33 | 21°28 | 2°23 | 13°44 | 29°13 | 9°11 | 8° 8 | 14°51 | 12°56 | F 12 |
| S 13 | 9 31 42 | 23°24'17 | 22°32 | 3° 0 | 28°15 | 18°14 | 9°35 | 21°36 | 2°21 | 13°46 | 29°13 | 9° 4 | 8° 4 | 14°58 | 12°58 | S 13 |
| S 14 | 9 35 39 | 24°25'16 | 4Ω56 | 4°24 | 28° 9 | 18°17 | 9°37 | 21°43 | 2°18 | 13°47 | 29°12 | 8°54 | 8° 1 | 15° 4 | 13° 1 | S 14 |
| M15 | 9 39 35 | 25°26'15 | 17°36 | 5°48 | 28° 5 | 18°20 | 9°38 | 21°50 | 2°16 | 13°49 | 29°12 | 8°42 | 7°58 | 15°11 | 13° 4 | M15 |
| T 16 | 9 43 32 | 26°27'12 | 0 m y31 | 7°13 | 28°D 4 | 18°22 | 9°40 | 21°57 | 2°14 | 13°51 | 29°11 | 8°29 | 7°55 | 15°18 | 13° 6 | T 16 |
| W17 | 9 47 28 | 27°28'09 | 13°41 | 8°39 | 28° 5 | 18°23 | 9°41 | 22° 4 | 2°11 | 13°53 | 29°11 | 8°15 | 7°52 | 15°24 | 13° 9 | W17 |
| T 18 | 9 51 25 | 28°29'05 | 27° 3 | 10° 6 | 28° 8 | 18°R24 | 9°42 | 22°11 | 2° 9 | 13°54 | 29°10 | 8° 3 | 7°48 | 15°31 | 13°12 | T 18 |
| F 19 | 9 55 21 | 29°30'01 | 10 ≏ 37 | 11°34 | 28°14 | 18°23 | 9°43 | 22°18 | 2° 7 | 13°56 | 29°10 | 7°53 | 7°45 | 15°37 | 13°14 | F 19 |
| S 20 | 9 59 18 | 0 米 30′56 | 24°19 | 13° 3 | 28°22 | 18°22 | 9°44 | 22°25 | 2° 5 | 13°58 | 29° 9 | 7°47 | 7°42 | 15°44 | 13°17 | S 20 |
| S 21 | 10 3 15 | 1°31'51 | 8 M 9 | 14°32 | 28°33 | 18°21 | 9°45 | 22°32 | 2° 2 | 14° 0 | 29° 8 | 7°43 | 7°39 | 15°51 | 13°20 | S 21 |
| M22 | 10 7 11 | 2°32'45 | 22° 4 | 16° 2 | 28°45 | 18°18 | 9°45 | 22°39 | 2° 0 | 14° 1 | 29° 8 | 7°41 | 7°36 | 15°57 | 13°23 | M22 |
| T 23 | 10 11 8 | 3°33'39 | 6 ₹ 5 | 17°33 | 29° 0 | 18°15 | 9°45 | 22°47 | 1°58 | 14° 3 | 29° 7 | 7°41 | 7°33 | 16° 4 | 13°26 | T 23 |
| W24 | 10 15 4 | 4°34'32 | 20°12 | 19° 4 | 29°17 | 18°11 | 9°R45 | 22°54 | 1°56 | 14° 5 | 29° 6 | 7°41 | 7°29 | 16°11 | 13°29 | W24 |
| T 25 | 10 19 1 | 5°35'25 | 4 る 23 | 20°37 | 29°36 | 18° 6 | 9°45 | 23° 1 | 1°54 | 14° 6 | 29° 5 | 7°39 | 7°26 | 16°17 | 13°32 | T 25 |
| F 26 | 10 22 57 | 6°36'17 | 18°37 | 22°10 | 29°56 | 18° 0 | 9°45 | 23° 8 | 1°52 | 14° 8 | 29° 5 | 7°35 | 7°23 | 16°24 | 13°35 | F 26 |
| S 27 | 10 26 54 | 7°37'08 | 2≈51 | 23°43 | 0≈19 | 17°54 | 9°44 | 23°15 | 1°50 | 14° 9 | 29° 4 | 7°28 | 7°20 | 16°31 | 13°38 | S 27 |
| S 28 | 10 30 50 | 8°37'59 | 17° 1 | 25°18 | 0°44 | 17°46 | 9°43 | 23°22 | 1°48 | 14°11 | 29° 3 | 7°18 | 7°17 | 16°37 | 13°41 | S 28 |
| M29 | 10 34 47 | 9) 38'48 | 1) 2 | 26≈53 | 1≈10 | 17 ≏ 38 | 9 M 42 | 23≈28 | 1 Ω 46 | 14 궁 12 | 29 ॒ 2 | 7 .₹ 5 | 7 . ₹13 | 16 Ⅱ 44 | 13 Y 44 | M29 |

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|--------------|----------------------|------------------------------|-------------------------|-----------------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|---------------|----------------|----------------|--------------|
| T 1 | 10 38 44 | 10 ¥ 39'36 | 14) (48 | 28≈29 | 1≈38 | 17°R29 | 9°R41 | 23≈35 | 1°R44 | 14 궁 14 | 29°R 1 | 6°R52 | 7 ₹ 10 | 16耳51 | 13 Y 47 | T 1 |
| W 2 | 10 42 40 | 11°40'23 | 28°16 | 0 米 5 | 2° 7 | 17 ≏ 20 | 9 M .40 | 23°42 | 1 Ω 43 | 14°15 | 29 ♀ 0 | 6 ₹ 39 | 7° 7 | 16°57 | 13°50 | W 2 |
| T 3 | 10 46 37 | 12°41'09 | 11 Y 24 | 1°43 | 2°38 | 17° 9 | 9°38 | 23°49 | 1°41 | 14°16 | 28°59 | 6°28 | 7° 4 | 17° 4 | 13°53 | T 3 |
| F 4 | 10 50 33 | 13°41'54 | 24°11 | 3°21 | 3°11 | 16°58 | 9°37 | 23°56 | 1°39 | 14°18 | 28°58 | 6°19 | 7° 1 | 17°10 | 13°56 | F 4 |
| S 5 | 10 54 30 | 14°42'37 | 6 8 38 | 5° 0 | 3°45 | 16°46 | 9°35 | 24° 3 | 1°37 | 14°19 | 28°57 | 6°14 | 6°58 | 17°17 | 13°59 | S 5 |
| S 6 | 10 58 26 | 15°43'19 | 18°48 | 6°40 | 4°20 | 16°33 | 9°33 | 24°10 | 1°36 | 14°20 | 28°56 | 6°10 | 6°54 | 17°24 | 14° 3 | S 6 |
| M 7 | 11 2 23 | 16°44'00 | 0∏45 | 8°21 | 4°56 | 16°20 | 9°30 | 24°16 | 1°34 | 14°22 | 28°55 | 6° 9 | 6°51 | 17°30 | 14° 6 | M 7 |
| T 8 | 11 6 19 | 17°44'39 | 12°35 | 10° 2 | 5°34 | 16° 5 | 9°28 | 24°23 | 1°33 | 14°23 | 28°54 | 6° 9 | 6°48 | 17°37 | 14° 9 | T 8 |
| W 9 | 11 10 16 | 18°45'16 | 24°23 | 11°44 | 6°13 | 15°50 | 9°25 | 24°30 | 1°31 | 14°24 | 28°53 | 6° 9 | 6°45 | 17°44 | 14°12 | W 9 |
| T 10 | 11 14 12 | 19°45'52 | 69514 | 13°28 | 6°54 | 15°35 | 9°22 | 24°37 | 1°30 | 14°25 | 28°51 | 6° 8 | 6°42 | 17°50 | 14°16 | T 10 |
| F 11 S 12 | 11 18 9 11 22 6 | 20°46'27 21°46'59 | 18°14 0 Ω 27 | 15°12 16°57 | 7°35 8°18 | 15°18 15° 1 | 9°19 9°16 | 24°43 24°50 | 1°28 1°27 | 14°27 14°28 | 28°50 28°49 | 6° 5 5°59 | 6°39 6°35 | 17°57 18° 4 | 14°19 14°22 | F 11 S 12 |
| | | | | | | | | | | | | | | | | |
| S 13 | 11 26 2 | 22°47'30 | 12°58 | 18°43 | 9° 1 | 14°44 | 9°13 | 24°57 | 1°25 | 14°29 | 28°48 | 5°50 | 6°32 | 18°10 | 14°26 | S 13 |
| M14 | 11 29 59 | 23°48'00 | 25°49 | 20°29 | 9°46 | 14°25 | 9° 9 | 25° 3 | 1°24 | 14°30 | 28°46 | 5°40 | 6°29 | 18°17 | 14°29 | M14 |
| T 15 | 11 33 55 | 24°48'27 | 9 m 0 | 22°17 | 10°31 | 14° 6 | 9° 6 | 25°10 | 1°23 | 14°31 | 28°45 | 5°28 | 6°26 | 18°24 | 14°33 | T 15 |
| W16 T 17 | 11 37 52 11 41 48 | 25°48'54 26°49'18 | 22°31 6 Ω 18 | 24° 6 25°55 | 11°17 12° 5 | 13°47 13°27 | 9° 2 8°58 | 25°16 25°23 | 1°22 1°20 | 14°32 14°33 | 28°44 28°42 | 5°16 5° 5 | 6°23 6°19 | 18°30 18°37 | 14°36 14°39 | W16 T 17 |
| F 18 | 11 41 48 | 26°49°18 27°49'42 | 20°18 | 25°55 27°45 | 12°53 | 13°27 13° 6 | 8°54 | 25°29 | 1°19 | 14°33 | 28°42 28°41 | 4°56 | 6°16 | 18°44 | 14°43 | F 18 |
| S 19 | 11 49 41 | 28°50'03 | 4ML27 | 29°37 | 13°42 | 12°45 | 8°49 | 25°35 | 1°18 | 14°35 | 28°40 | 4°50 | 6°13 | 18°50 | 14°46 | S 19 |
| | | | | | | | | | | | | | | | | |
| S 20 M21 | 11 53 38 11 57 35 | 29°50'24 0 ° 50'43 | 18°40 2 × 753 | 1 Υ 29 3°21 | 14°32 15°22 | 12°24 12° 2 | 8°45 8°40 | 25°42 25°48 | 1°17 1°16 | 14°36 14°37 | 28°38 28°37 | 4°46 4°D45 | 6°10 6° 7 | 18°57 19° 3 | 14°50 14°53 | S 20 M21 |
| T 22 | 11 37 33 | 1°51'01 | 17° 4 | 5°15 | 16°14 | 11°40 | 8°35 | 25°54 | 1°16 | 14°37 | 28°36 | 4°46 | 6° 4 | 19° 3 | 14°53 | T 22 |
| W23 | 12 5 28 | 2°51'18 | 17 4 1중11 | 7° 9 | 10 14 17° 6 | 11°17 | 8°30 | 25° 34 | 1°14 | 14°38 | 28°34 | 4°R46 | 6° 0 | 19°17 | 14 37 15° 0 | W23 |
| T 24 | 12 9 24 | 3°51'33 | 15°14 | 9° 4 | 17°58 | 10°54 | 8°25 | 26° 7 | 1°14 | 14°39 | 28°33 | 4°45 | 5°57 | 19°23 | 15° 4 | T 24 |
| F 25 | 12 13 21 | 4°51'47 | 29°12 | 10°59 | 18°52 | 10°31 | 8°20 | 26°13 | 1°13 | 14°40 | 28°31 | 4°43 | 5°54 | 19°30 | 15° 7 | F 25 |
| S 26 | 12 17 17 | 5°51'59 | 13≈ 3 | 12°54 | 19°45 | 10° 8 | 8°14 | 26°19 | 1°12 | 14°41 | 28°30 | 4°38 | 5°51 | 19°37 | 15°11 | S 26 |
| S 27 | 12 21 14 | 6°52'10 | 26°46 | 14°50 | 20°40 | 9°44 | 8° 9 | 26°25 | 1°11 | 14°41 | 28°28 | 4°31 | 5°48 | 19°43 | 15°14 | S 27 |
| M28 | 12 25 10 | 7°52'20 | 10 ¥ 19 | 16°45 | 21°35 | 9°20 | 8° 3 | 26°31 | 1°11 | 14°42 | 28°27 | 4°21 | 5°45 | 19°50 | 15°18 | M28 |
| T 29 | 12 29 7 | 8°52'28 | 23°40 | 18°40 | 22°31 | 8°56 | 7°57 | 26°37 | 1°10 | 14°42 | 28°25 | 4°11 | 5°41 | 19°57 | 15°21 | T 29 |
| W30 | 12 33 3 | 9°52'34 | 6 Ƴ 47 | 20°34 | 23°27 | 8°33 | 7°51 | 26°42 | 1°10 | 14°43 | 28°24 | 4° 1 | 5°38 | 20° 3 | 15°25 | W30 |
| T 31 | 12 37 0 | 10 Y 52'38 | 19 Y 38 | 22 Y 28 | 24≈24 | 8 亞 9 | 7 M 45 | 26≈48 | 1 N 9 | 14 궁 44 | 28 ≏ 22 | 3 , ₹53 | 5 ₹ 35 | 20Ⅱ10 | 15 Y 29 | T 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|----------------|---------------|-------|---------------|----------------|----------------|----------------|---------------|-------|----------------|------|
| F 1 | 12 40 57 | 11 Y 52'41 | 2813 | 24 Y 20 | 25≈21 | 7°R45 | 7°R39 | 26≈54 | 1°R 9 | 14 궁 44 | 28°R20 | 3°R46 | 5 ₹ 32 | 20耳17 | 15 Y 32 | F 1 |
| S 2 | 12 44 53 | 12°52'42 | 14°33 | 26°10 | 26°19 | 7 ≏ 22 | 7 M 32 | 27° 0 | 1 N 9 | 14°45 | 28 ≏ 19 | 3 ∡ 142 | 5°29 | 20°23 | 15°36 | S 2 |
| S 3 | 12 48 50 | 13°52'40 | 26°39 | 27°58 | 27°17 | 6°58 | 7°26 | 27° 5 | 1° 8 | 14°45 | 28°17 | 3°40 | 5°25 | 20°30 | 15°39 | S 3 |
| M 4 | 12 52 46 | 14°52'37 | 8 П 35 | 29°44 | 28°15 | 6°35 | 7°19 | 27°11 | 1° 8 | 14°45 | 28°16 | 3°D39 | 5°22 | 20°37 | 15°43 | M 4 |
| T 5 | 12 56 43 | 15°52'32 | 20°25 | 1826 | 29°14 | 6°12 | 7°13 | 27°16 | 1° 8 | 14°46 | 28°14 | 3°40 | 5°19 | 20°43 | 15°46 | T 5 |
| W 6 | 13 0 39 | 16°52'25 | 29512 | 3° 5 | 0 ₩14 | 5°49 | 7° 6 | 27°22 | 1° 8 | 14°46 | 28°12 | 3°42 | 5°16 | 20°50 | 15°50 | W 6 |
| T 7 | 13 436 | 17°52'15 | 14° 4 | 4°40 | 1°13 | 5°27 | 6°59 | 27°27 | 1° 8 | 14°46 | 28°11 | 3°R43 | 5°13 | 20°56 | 15°54 | T 7 |
| F 8 | 13 8 32 | 18°52'04 | 26° 3 | 6°10 | 2°13 | 5° 5 | 6°52 | 27°32 | 1°D 8 | 14°47 | 28° 9 | 3°43 | 5°10 | 21° 3 | 15°57 | F 8 |
| S 9 | 13 12 29 | 19°51'50 | 8 Ω 16 | 7°35 | 3°14 | 4°43 | 6°45 | 27°38 | 1°8 | 14°47 | 28° 8 | 3°41 | 5° 6 | 21°10 | 16° 1 | S 9 |
| S 10 | 13 16 26 | 20°51'34 | 20°48 | 8°55 | 4°15 | 4°22 | 6°38 | 27°43 | 1° 8 | 14°47 | 28° 6 | 3°37 | 5° 3 | 21°16 | 16° 4 | S 10 |
| M11 | 13 20 22 | 21°51'16 | 3 m/42 | 10° 8 | 5°16 | 4° 1 | 6°30 | 27°48 | 1° 8 | 14°47 | 28° 4 | 3°32 | 5° 0 | 21°23 | 16° 8 | M11 |
| T 12 | 13 24 19 | 22°50'56 | 16°59 | 11°15 | 6°17 | 3°41 | 6°23 | 27°53 | 1° 8 | 14°47 | 28° 3 | 3°25 | 4°57 | 21°30 | 16°11 | T 12 |
| W13 | 13 28 15 | 23°50'34 | 0 ≏ 41 | 12°16 | 7°19 | 3°22 | 6°16 | 27°58 | 1°8 | 14°47 | 28° 1 | 3°18 | 4°54 | 21°36 | 16°15 | W13 |
| T 14 | 13 32 12 | 24°50'09 | 14°45 | 13°10 | 8°21 | 3° 2 | 6°8 | 28° 3 | 1° 9 | 14°48 | 27°59 | 3°12 | 4°50 | 21°43 | 16°18 | T 14 |
| F 15 | 13 36 8 | 25°49'43 | 29° 7 | 13°56 | 9°24 | 2°44 | 6° 1 | 28° 8 | 1° 9 | 14°R48 | 27°58 | 3° 7 | 4°47 | 21°50 | 16°22 | F 15 |
| S 16 | 13 40 5 | 26°49'15 | 13 M .41 | 14°35 | 10°27 | 2°26 | 5°53 | 28°13 | 1° 9 | 14°48 | 27°56 | 3° 4 | 4°44 | 21°56 | 16°25 | S 16 |
| S 17 | 13 44 1 | 27°48'45 | 28°21 | 15° 6 | 11°30 | 2° 9 | 5°46 | 28°17 | 1°10 | 14°48 | 27°54 | 3°D 3 | 4°41 | 22° 3 | 16°29 | S 17 |
| M18 | 13 47 58 | 28°48'13 | 13 × 0 | 15°29 | 12°33 | 1°52 | 5°38 | 28°22 | 1°10 | 14°47 | 27°53 | 3° 3 | 4°38 | 22°10 | 16°33 | M18 |
| T 19 | 13 51 55 | 29°47'40 | 27°32 | 15°45 | 13°37 | 1°36 | 5°31 | 28°27 | 1°11 | 14°47 | 27°51 | 3° 4 | 4°35 | 22°16 | 16°36 | T 19 |
| W20 | 13 55 51 | 0 8 47'05 | 11 る 54 | 15°53 | 14°40 | 1°21 | 5°23 | 28°31 | 1°12 | 14°47 | 27°49 | 3° 6 | 4°31 | 22°23 | 16°40 | W20 |
| T 21 | 13 59 48 | 1°46'28 | 26° 3 | 15°R54 | 15°45 | 1° 7 | 5°15 | 28°36 | 1°12 | 14°47 | 27°48 | 3°R 7 | 4°28 | 22°30 | 16°43 | T 21 |
| F 22 | 14 3 44 | 2°45'50 | 9 ≈ 58 | 15°47 | 16°49 | 0°53 | 5° 8 | 28°40 | 1°13 | 14°47 | 27°46 | 3° 7 | 4°25 | 22°36 | 16°46 | F 22 |
| S 23 | 14 741 | 3°45'10 | 23°38 | 15°33 | 17°53 | 0°40 | 5° 0 | 28°44 | 1°14 | 14°47 | 27°44 | 3° 5 | 4°22 | 22°43 | 16°50 | S 23 |
| S 24 | 14 11 37 | 4°44'28 | 7 ∺ 3 | 15°13 | 18°58 | 0°28 | 4°52 | 28°49 | 1°15 | 14°46 | 27°43 | 3° 2 | 4°19 | 22°50 | 16°53 | S 24 |
| M25 | 14 15 34 | 5°43'44 | 20°14 | 14°47 | 20° 3 | 0°16 | 4°44 | 28°53 | 1°16 | 14°46 | 27°41 | 2°59 | 4°16 | 22°56 | 16°57 | M25 |
| T 26 | 14 19 30 | 6°42'59 | 3 Υ11 | 14°16 | 21° 8 | 0° 6 | 4°37 | 28°57 | 1°16 | 14°46 | 27°39 | 2°54 | 4°12 | 23° 3 | 17° 0 | T 26 |
| W27 | 14 23 27 | 7°42'12 | 15°55 | 13°40 | 22°14 | 29 m 56 | 4°29 | 29° 1 | 1°17 | 14°45 | 27°38 | 2°50 | 4° 9 | 23° 9 | 17° 4 | W27 |
| T 28 | 14 27 23 | 8°41'23 | 28°27 | 13° 0 | 23°19 | 29°46 | 4°21 | 29° 5 | 1°18 | 14°45 | 27°36 | 2°46 | 4° 6 | 23°16 | 17° 7 | T 28 |
| F 29 | 14 31 20 | 9°40'32 | 10846 | 12°17 | 24°25 | 29°38 | 4°14 | 29° 8 | 1°20 | 14°45 | 27°34 | 2°44 | 4° 3 | 23°23 | 17°10 | F 29 |
| S 30 | 14 35 17 | 10839'39 | 22854 | 11831 | 25 米 31 | 29 Mp 30 | 4M 6 | 29≈12 | 1 N 21 | 14 중 44 | 27 ≏ 33 | 2 , ₹42 | 4 ₹ 0 | 23Ⅱ29 | 17 Y 14 | S 30 |

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|------|----------|-------------------|------------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|-----------------|---------------|-------|----------------|------|
| S 1 | 14 39 13 | 11838'44 | 4 Ⅱ 53 | 10°R45 | 26) 37 | 29°R24 | 3°R58 | 29≈16 | 1 Q 22 | 14°R44 | 27°R31 | 2°D42 | 3 ₹ 56 | 23耳36 | 17 Y 17 | S 1 |
| M 2 | 14 43 10 | 12°37'47 | 16°46 | 9 8 58 | 27°44 | 29 m 18 | 3 M .51 | 29°19 | 1°23 | 14 궁 43 | 27 ♀ 30 | 2 , 7⁴43 | 3°53 | 23°43 | 17°20 | M 2 |
| T 3 | 14 47 6 | 13°36'48 | 28°34 | 9°12 | 28°50 | 29°12 | 3°43 | 29°23 | 1°24 | 14°43 | 27°28 | 2°44 | 3°50 | 23°49 | 17°24 | T 3 |
| W 4 | 14 51 3 | 14°35'47 | 109522 | 8°27 | 29°57 | 29° 8 | 3°36 | 29°26 | 1°26 | 14°42 | 27°26 | 2°45 | 3°47 | 23°56 | 17°27 | W 4 |
| T 5 | 14 54 59 | 15°34'44 | 22°13 | 7°45 | 1 ° 3 | 29° 4 | 3°28 | 29°30 | 1°27 | 14°41 | 27°25 | 2°47 | 3°44 | 24° 3 | 17°30 | T 5 |
| F 6 | 14 58 56 | 16°33'39 | 4 Ω 12 | 7° 5 | 2°10 | 29° 1 | 3°21 | 29°33 | 1°29 | 14°41 | 27°23 | 2°48 | 3°41 | 24° 9 | 17°33 | F 6 |
| S 7 | 15 2 52 | 17°32'31 | 16°24 | 6°29 | 3°17 | 28°59 | 3°13 | 29°36 | 1°30 | 14°40 | 27°22 | 2°R48 | 3°37 | 24°16 | 17°36 | S 7 |
| S 8 | 15 6 49 | 18°31'21 | 28°53 | 5°57 | 4°24 | 28°58 | 3° 6 | 29°39 | 1°32 | 14°39 | 27°20 | 2°48 | 3°34 | 24°23 | 17°40 | S 8 |
| M 9 | 15 10 46 | 19°30'09 | 11 m) 43 | 5°29 | 5°32 | 28°D57 | 2°59 | 29°42 | 1°33 | 14°39 | 27°19 | 2°47 | 3°31 | 24°29 | 17°43 | M 9 |
| T 10 | 15 14 42 | 20°28'55 | 24°58 | 5° 6 | 6°39 | 28°57 | 2°52 | 29°45 | 1°35 | 14°38 | 27°17 | 2°46 | 3°28 | 24°36 | 17°46 | T 10 |
| W11 | 15 18 39 | 21°27'38 | 8 ॒ 39 | 4°47 | 7°47 | 28°58 | 2°45 | 29°48 | 1°37 | 14°37 | 27°16 | 2°44 | 3°25 | 24°43 | 17°49 | W11 |
| T 12 | 15 22 35 | 22°26'20 | 22°47 | 4°34 | 8°54 | 29° 0 | 2°38 | 29°50 | 1°38 | 14°36 | 27°14 | 2°43 | 3°22 | 24°49 | 17°52 | T 12 |
| F 13 | 15 26 32 | 23°24'59 | 7 ™ 17 | 4°26 | 10° 2 | 29° 2 | 2°31 | 29°53 | 1°40 | 14°35 | 27°13 | 2°42 | 3°18 | 24°56 | 17°55 | F 13 |
| S 14 | 15 30 28 | 24°23'37 | 22° 6 | 4°D23 | 11°10 | 29° 5 | 2°24 | 29°55 | 1°42 | 14°35 | 27°11 | 2°42 | 3°15 | 25° 3 | 17°58 | S 14 |
| S 15 | 15 34 25 | 25°22'13 | 7 . ₹ 6 | 4°25 | 12°18 | 29° 9 | 2°18 | 29°58 | 1°44 | 14°34 | 27°10 | 2°D42 | 3°12 | 25° 9 | 18° 1 | S 15 |
| M16 | 15 38 21 | 26°20'47 | 22° 9 | 4°32 | 13°26 | 29°13 | 2°11 | 0 ∺ 0 | 1°46 | 14°33 | 27° 9 | 2°42 | 3° 9 | 25°16 | 18° 4 | M16 |
| T 17 | 15 42 18 | 27°19'19 | 7궁 5 | 4°44 | 14°35 | 29°18 | 2° 5 | 0° 2 | 1°48 | 14°32 | 27° 7 | 2°42 | 3° 6 | 25°23 | 18° 7 | T 17 |
| W18 | 15 46 15 | 28°17'50 | 21°48 | 5° 1 | 15°43 | 29°24 | 1°58 | 0° 5 | 1°50 | 14°31 | 27° 6 | 2°43 | 3° 2 | 25°29 | 18°10 | W18 |
| T 19 | 15 50 11 | 29°16'19 | 6≈12 | 5°22 | 16°52 | 29°30 | 1°52 | 0° 7 | 1°52 | 14°30 | 27° 4 | 2°43 | 2°59 | 25°36 | 18°13 | T 19 |
| F 20 | 15 54 8 | 0∏14'47 | 20°16 | 5°48 | 18° 0 | 29°37 | 1°46 | 0° 9 | 1°54 | 14°29 | 27° 3 | 2°43 | 2°56 | 25°43 | 18°16 | F 20 |
| S 21 | 15 58 4 | 1°13'13 | 3 ∺ 56 | 6°18 | 19° 9 | 29°45 | 1°40 | 0°11 | 1°56 | 14°28 | 27° 2 | 2°R43 | 2°53 | 25°49 | 18°19 | S 21 |
| S 22 | 16 2 1 | 2°11'37 | 17°15 | 6°52 | 20°18 | 29°53 | 1°34 | 0°12 | 1°58 | 14°27 | 27° 0 | 2°D43 | 2°50 | 25°56 | 18°21 | S 22 |
| M23 | 16 5 57 | 3°10'00 | 0 Υ 15 | 7°30 | 21°27 | 0 ♀ 2 | 1°28 | 0°14 | 2° 0 | 14°26 | 26°59 | 2°43 | 2°47 | 26° 3 | 18°24 | M23 |
| T 24 | 16 9 54 | 4° 8'22 | 12°56 | 8°11 | 22°36 | 0°11 | 1°23 | 0°16 | 2° 3 | 14°24 | 26°58 | 2°43 | 2°43 | 26° 9 | 18°27 | T 24 |
| W25 | 16 13 50 | 5° 6'42 | 25°23 | 8°57 | 23°45 | 0°21 | 1°17 | 0°17 | 2° 5 | 14°23 | 26°57 | 2°44 | 2°40 | 26°16 | 18°29 | W25 |
| T 26 | 16 17 47 | 6° 5'00 | 7 8 38 | 9°46 | 24°54 | 0°32 | 1°12 | 0°18 | 2° 7 | 14°22 | 26°55 | 2°44 | 2°37 | 26°22 | 18°32 | T 26 |
| F 27 | 16 21 44 | 7° 3'17 | 19°43 | 10°38 | 26° 3 | 0°43 | 1° 7 | 0°20 | 2°10 | 14°21 | 26°54 | 2°44 | 2°34 | 26°29 | 18°35 | F 27 |
| S 28 | 16 25 40 | 8° 1'33 | 1 Ⅱ 40 | 11°33 | 27°12 | 0°55 | 1° 2 | 0°21 | 2°12 | 14°20 | 26°53 | 2°R44 | 2°31 | 26°36 | 18°37 | S 28 |
| S 29 | 16 29 37 | 8°59'47 | 13°32 | 12°32 | 28°22 | 1° 7 | 0°57 | 0°22 | 2°14 | 14°19 | 26°52 | 2°44 | 2°28 | 26°42 | 18°40 | S 29 |
| M30 | 16 33 33 | 9°57'59 | 25°21 | 13°33 | 29°31 | 1°20 | 0°52 | 0°23 | 2°17 | 14°17 | 26°51 | 2°44 | 2°24 | 26°49 | 18°42 | M30 |
| T 31 | 16 37 30 | 10 Ⅱ 56′09 | 7 9 5 9 | 14 8 38 | 0 8 41 | 1 ≏ 33 | 0 M .48 | 0 ∺ 24 | 2 Ω 19 | 14 궁 16 | 26 ♀ 50 | 2 , 743 | 2 ₹ 21 | 26耳56 | 18 Y 45 | T 31 |

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| Day | Sid.t | \odot | D | φ | φ | o ⁷ | 4 | ħ |)ұ(| ¥ | 5 | R | Ω | ţ | δ | Day |
|------|----------|--------------------|----------------|----------------|---------------|----------------|----------------|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|----------------|------|
| W 1 | 16 41 26 | 11 II 54'18 | 18958 | 15 8 45 | 1850 | 1 ≏ 47 | 0°R43 | 0₩25 | 2 Ω 22 | 14°R15 | 26°R49 | 2°R42 | 2 √ 18 | 27 I I 2 | 18 Y 47 | W 1 |
| T 2 | 16 45 23 | 12°52'25 | $0\Omega52$ | 16°55 | 3° 0 | 2° 2 | 0 M .39 | 0°25 | 2°25 | 14 궁 13 | 26 ≏ 48 | 2 , 740 | 2°15 | 27° 9 | 18°50 | T 2 |
| F 3 | 16 49 20 | 13°50'30 | 12°53 | 18° 7 | 4°10 | 2°16 | 0°35 | 0°26 | 2°27 | 14°12 | 26°47 | 2°39 | 2°12 | 27°16 | 18°52 | F 3 |
| S 4 | 16 53 16 | 14°48'34 | 25° 6 | 19°22 | 5°20 | 2°32 | 0°31 | 0°27 | 2°30 | 14°11 | 26°46 | 2°38 | 2° 8 | 27°22 | 18°54 | S 4 |
| S 5 | 16 57 13 | 15°46'35 | 7 m)33 | 20°39 | 6°29 | 2°48 | 0°27 | 0°27 | 2°33 | 14° 9 | 26°45 | 2°37 | 2° 5 | 27°29 | 18°57 | S 5 |
| M 6 | 17 1 9 | 16°44'35 | 20°19 | 21°59 | 7°39 | 3° 4 | 0°24 | 0°27 | 2°35 | 14° 8 | 26°44 | 2°D37 | 2° 2 | 27°36 | 18°59 | M 6 |
| T 7 | 17 5 6 | 17°42'33 | 3 ≏ 27 | 23°21 | 8°49 | 3°21 | 0°20 | 0°27 | 2°38 | 14° 7 | 26°43 | 2°37 | 1°59 | 27°42 | 19° 1 | T 7 |
| W 8 | 17 9 2 | 18°40'29 | 17° 1 | 24°46 | 9°59 | 3°38 | 0°17 | 0°28 | 2°41 | 14° 5 | 26°42 | 2°38 | 1°56 | 27°49 | 19° 3 | W 8 |
| T 9 | 17 12 59 | 19°38'24 | 1 m 1 | 26°13 | 11° 9 | 3°55 | 0°14 | 0°R28 | 2°44 | 14° 4 | 26°41 | 2°39 | 1°53 | 27°56 | 19° 5 | T 9 |
| F 10 | 17 16 55 | 20°36'16 | 15°27 | 27°42 | 12°20 | 4°13 | 0°11 | 0°28 | 2°47 | 14° 2 | 26°40 | 2°41 | 1°49 | 28° 2 | 19° 7 | F 10 |
| S 11 | 17 20 52 | 21°34'08 | 0 才 16 | 29°13 | 13°30 | 4°32 | 0° 8 | 0°27 | 2°50 | 14° 1 | 26°40 | 2°R41 | 1°46 | 28° 9 | 19° 9 | S 11 |
| S 12 | 17 24 49 | 22°31'58 | 15°21 | 0 Ⅱ 47 | 14°40 | 4°51 | 0° 6 | 0°27 | 2°52 | 13°59 | 26°39 | 2°41 | 1°43 | 28°16 | 19°11 | S 12 |
| M13 | 17 28 45 | 23°29'46 | 0 궁 34 | 2°23 | 15°50 | 5°10 | 0° 4 | 0°27 | 2°55 | 13°58 | 26°38 | 2°39 | 1°40 | 28°22 | 19°13 | M13 |
| T 14 | 17 32 42 | 24°27'34 | 15°46 | 4° 1 | 17° 1 | 5°30 | 0° 1 | 0°26 | 2°58 | 13°56 | 26°37 | 2°37 | 1°37 | 28°29 | 19°15 | T 14 |
| W15 | 17 36 38 | 25°25'20 | 0≈47 | 5°41 | 18°11 | 5°50 | 29 ჲ 59 | 0°26 | 3° 1 | 13°55 | 26°37 | 2°34 | 1°34 | 28°36 | 19°17 | W15 |
| T 16 | 17 40 35 | 26°23'04 | 15°28 | 7°24 | 19°22 | 6°10 | 29°57 | 0°25 | 3° 4 | 13°53 | 26°36 | 2°31 | 1°30 | 28°42 | 19°19 | T 16 |
| F 17 | 17 44 31 | 27°20'48 | 29°44 | 9° 9 | 20°32 | 6°31 | 29°56 | 0°24 | 3° 8 | 13°52 | 26°35 | 2°29 | 1°27 | 28°49 | 19°21 | F 17 |
| S 18 | 17 48 28 | 28°18'31 | 13 ∺ 32 | 10°56 | 21°43 | 6°52 | 29°54 | 0°23 | 3°11 | 13°50 | 26°35 | 2°27 | 1°24 | 28°56 | 19°22 | S 18 |
| S 19 | 17 52 24 | 29°16'13 | 26°54 | 12°45 | 22°53 | 7°13 | 29°53 | 0°22 | 3°14 | 13°49 | 26°34 | 2°D26 | 1°21 | 29° 2 | 19°24 | S 19 |
| M20 | 17 56 21 | 0913'54 | 9 Ƴ 51 | 14°37 | 24° 4 | 7°35 | 29°52 | 0°21 | 3°17 | 13°47 | 26°34 | 2°26 | 1°18 | 29° 9 | 19°26 | M20 |
| T 21 | 18 0 18 | 1°11'34 | 22°26 | 16°31 | 25°15 | 7°57 | 29°51 | 0°20 | 3°20 | 13°46 | 26°33 | 2°27 | 1°14 | 29°16 | 19°27 | T 21 |
| W22 | 18 4 14 | 2° 9'13 | 4844 | 18°27 | 26°25 | 8°20 | 29°50 | 0°19 | 3°23 | 13°44 | 26°33 | 2°29 | 1°11 | 29°22 | 19°29 | W22 |
| T 23 | 18 8 11 | 3° 6'51 | 16°49 | 20°25 | 27°36 | 8°43 | 29°50 | 0°18 | 3°26 | 13°43 | 26°32 | 2°31 | 1° 8 | 29°29 | 19°30 | T 23 |
| F 24 | 18 12 7 | 4° 4'29 | 28°45 | 22°25 | 28°47 | 9° 6 | 29°49 | 0°16 | 3°30 | 13°41 | 26°32 | 2°R32 | 1° 5 | 29°36 | 19°32 | F 24 |
| S 25 | 18 16 4 | 5° 2'05 | 10 Ⅱ 35 | 24°27 | 29°58 | 9°29 | 29°49 | 0°15 | 3°33 | 13°39 | 26°32 | 2°31 | 1° 2 | 29°42 | 19°33 | S 25 |
| S 26 | 18 20 0 | 5°59'41 | 22°23 | 26°31 | 1 I 9 | 9°53 | 29°D49 | 0°13 | 3°36 | 13°38 | 26°31 | 2°30 | 0°59 | 29°49 | 19°35 | S 26 |
| M27 | 18 23 57 | 6°57'16 | 49911 | 28°37 | 2°20 | 10°17 | 29°49 | 0°12 | 3°40 | 13°36 | 26°31 | 2°26 | 0°55 | 29°56 | 19°36 | M27 |
| T 28 | 18 27 53 | 7°54'50 | 16° 1 | 09544 | 3°31 | 10°41 | 29°49 | 0°10 | 3°43 | 13°35 | 26°31 | 2°21 | 0°52 | 0 | 19°37 | T 28 |
| W29 | 18 31 50 | 8°52'22 | 27°55 | 2°53 | 4°42 | 11° 6 | 29°50 | 0° 8 | 3°46 | 1 <u>3</u> °33 | 26°30 | 2°15 | 0°49 | 0° 9 | 19°38 | W29 |
| T 30 | 18 35 47 | 99549'54 | 9 Ω 56 | 5 9 3 | 5 ∏ 53 | 11 ≏ 31 | 29 ≙ 51 | 0 ∺ 6 | 3 Ω 50 | 13 る 31 | 26 ≏ 30 | 2 , ₹ 8 | 0 , 746 | 09୍ତ16 | 19 Ƴ 39 | T 30 |

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| Day | Sid.t | 0 | D | ğ | P | ♂ | 4 | ħ |)f(| ¥ | В | ß | v | Ç | , k | Day |
|------|----------|------------------|-----------------|--------------|----------------|----------------|----------------|--------------|---------------|----------------|----------------|----------------|----------------|-------|----------------|------|
| F 1 | 18 39 43 | 109547'25 | 22 N 4 | 79514 | 7 I I 4 | 11 ≏ 56 | 29 ≙ 51 | 0°R 4 | 3 Ω 53 | 13°R30 | 26°R30 | 2°R 2 | 0 ∡ 743 | 09522 | 19 Y 40 | F 1 |
| S 2 | 18 43 40 | 11°44'54 | 4 Mp 22 | 9°25 | 8°15 | 12°22 | 29°52 | 0 ∺ 2 | 3°56 | 13 る 28 | 26 ≏ 30 | 1 ∡ 756 | 0°39 | 0°29 | 19°42 | S 2 |
| S 3 | 18 47 36 | 12°42'23 | 16°53 | 11°37 | 9°27 | 12°48 | 29°54 | 29≈59 | 4° 0 | 13°26 | 26°30 | 1°51 | 0°36 | 0°36 | 19°43 | S 3 |
| M 4 | 18 51 33 | 13°39'50 | 29°39 | 13°50 | 10°38 | 13°14 | 29°55 | 29°57 | 4° 3 | 13°25 | 26°30 | 1°48 | 0°33 | 0°42 | 19°43 | M 4 |
| T 5 | 18 55 29 | 14°37'17 | 12 ≏ 44 | 16° 2 | 11°49 | 13°40 | 29°57 | 29°55 | 4° 7 | 13°23 | 26°30 | 1°D47 | 0°30 | 0°49 | 19°44 | T 5 |
| W 6 | 18 59 26 | 15°34'42 | 26°10 | 18°14 | 13° 0 | 14° 7 | 29°58 | 29°52 | 4°10 | 13°22 | 26°D30 | 1°48 | 0°27 | 0°56 | 19°45 | W 6 |
| T 7 | 19 3 22 | 16°32'06 | 9 M 59 | 20°25 | 14°12 | 14°33 | 0 M 0 | 29°50 | 4°14 | 13°20 | 26°30 | 1°49 | 0°24 | 1° 2 | 19°46 | T 7 |
| F 8 | 19 7 19 | 17°29'30 | 24°13 | 22°35 | 15°23 | 15° 0 | 0° 2 | 29°47 | 4°17 | 13°18 | 26°30 | 1°50 | 0°20 | 1° 9 | 19°47 | F 8 |
| S 9 | 19 11 16 | 18°26'52 | 8 才 50 | 24°45 | 16°35 | 15°28 | 0° 5 | 29°44 | 4°21 | 13°17 | 26°30 | 1°R50 | 0°17 | 1°16 | 19°47 | S 9 |
| S 10 | 19 15 12 | 19°24'14 | 23°45 | 26°53 | 17°46 | 15°55 | 0° 7 | 29°42 | 4°24 | 13°15 | 26°30 | 1°48 | 0°14 | 1°22 | 19°48 | S 10 |
| M11 | 19 19 9 | 20°21'35 | 8 궁 54 | 28°59 | 18°58 | 16°23 | 0°10 | 29°39 | 4°28 | 13°14 | 26°30 | 1°45 | 0°11 | 1°29 | 19°49 | M11 |
| T 12 | 19 23 5 | 21°18'56 | 24° 6 | 1 Ω 4 | 20° 9 | 16°51 | 0°12 | 29°36 | 4°31 | 13°12 | 26°30 | 1°39 | 0° 8 | 1°36 | 19°49 | T 12 |
| W13 | 19 27 2 | 22°16'15 | 9≈11 | 3° 7 | 21°21 | 17°19 | 0°15 | 29°33 | 4°35 | 13°10 | 26°30 | 1°32 | 0° 5 | 1°42 | 19°50 | W13 |
| T 14 | 19 30 58 | 23°13'35 | 23°59 | 5° 8 | 22°32 | 17°48 | 0°19 | 29°30 | 4°38 | 13° 9 | 26°31 | 1°24 | 0° 1 | 1°49 | 19°50 | T 14 |
| F 15 | 19 34 55 | 24°10'54 | 8 ∺ 24 | 7° 7 | 23°44 | 18°16 | 0°22 | 29°27 | 4°42 | 13° 7 | 26°31 | 1°17 | 29M58 | 1°56 | 19°51 | F 15 |
| S 16 | 19 38 52 | 25° 8'12 | 22°21 | 9° 5 | 24°56 | 18°45 | 0°25 | 29°23 | 4°45 | 13° 6 | 26°31 | 1°11 | 29°55 | 2° 2 | 19°51 | S 16 |
| S 17 | 19 42 48 | 26° 5'31 | 5 Ƴ 49 | 11° 0 | 26° 7 | 19°14 | 0°29 | 29°20 | 4°49 | 13° 4 | 26°32 | 1° 7 | 29°52 | 2° 9 | 19°51 | S 17 |
| M18 | 19 46 45 | 27° 2'49 | 18°48 | 12°53 | 27°19 | 19°44 | 0°33 | 29°17 | 4°53 | 13° 2 | 26°32 | 1° 5 | 29°49 | 2°16 | 19°51 | M18 |
| T 19 | 19 50 41 | 28° 0'07 | 1824 | 14°44 | 28°31 | 20°13 | 0°37 | 29°13 | 4°56 | 13° 1 | 26°32 | 1°D 5 | 29°45 | 2°22 | 19°52 | T 19 |
| W20 | 19 54 38 | 28°57'26 | 13°40 | 16°32 | 29°43 | 20°43 | 0°41 | 29°10 | 5° 0 | 12°59 | 26°33 | 1° 5 | 29°42 | 2°29 | 19°52 | W20 |
| T 21 | 19 58 34 | 29°54'44 | 25°42 | 18°19 | 0955 | 21°13 | 0°45 | 29° 6 | 5° 3 | 12°58 | 26°33 | 1°R 6 | 29°39 | 2°36 | 19°52 | T 21 |
| F 22 | 20 2 31 | 0€52'02 | 7 Ⅱ 34 | 20° 3 | 2° 7 | 21°43 | 0°49 | 29° 3 | 5° 7 | 12°56 | 26°34 | 1° 6 | 29°36 | 2°42 | 19°R52 | F 22 |
| S 23 | 20 6 27 | 1°49'20 | 19°22 | 21°45 | 3°19 | 22°13 | 0°54 | 28°59 | 5°11 | 12°55 | 26°34 | 1° 4 | 29°33 | 2°49 | 19°52 | S 23 |
| S 24 | 20 10 24 | 2°46'39 | 195 9 | 23°25 | 4°31 | 22°44 | 0°59 | 28°55 | 5°14 | 12°53 | 26°35 | 1° 0 | 29°30 | 2°56 | 19°52 | S 24 |
| M25 | 20 14 21 | 3°43'57 | 12°59 | 25° 3 | 5°43 | 23°14 | 1° 3 | 28°52 | 5°18 | 12°52 | 26°36 | 0°53 | 29°26 | 3° 2 | 19°51 | M25 |
| T 26 | 20 18 17 | 4°41'15 | 24°54 | 26°38 | 6°55 | 23°45 | 1° 8 | 28°48 | 5°22 | 12°50 | 26°36 | 0°44 | 29°23 | 3° 9 | 19°51 | T 26 |
| W27 | 20 22 14 | 5°38'33 | 6 Ω 57 | 28°11 | 8° 7 | 24°16 | 1°14 | 28°44 | 5°25 | 12°49 | 26°37 | 0°34 | 29°20 | 3°16 | 19°51 | W27 |
| T 28 | 20 26 10 | 6°35'51 | 19° 8 | 29°42 | 9°19 | 24°47 | 1°19 | 28°40 | 5°29 | 12°47 | 26°38 | 0°22 | 29°17 | 3°22 | 19°51 | T 28 |
| F 29 | 20 30 7 | 7°33'09 | 1 Mp 28 | 1 mp 11 | 10°31 | 25°19 | 1°24 | 28°36 | 5°32 | 12°46 | 26°38 | 0°10 | 29°14 | 3°29 | 19°50 | F 29 |
| S 30 | 20 34 3 | 8°30'26 | 13°59 | 2°38 | 11°43 | 25°50 | 1°30 | 28°32 | 5°36 | 12°45 | 26°39 | 29 N 59 | 29°11 | 3°36 | 19°50 | S 30 |
| S 31 | 20 38 0 | 9 Ω 27'44 | 26 M y41 | 4 Mp 2 | 12955 | 26 ₽ 22 | 1 M .36 | 28≈28 | 5 Ω 40 | 12 る 43 | 26 ♀ 40 | 29 M 51 | 29 IL 7 | 39542 | 19 Ƴ 49 | S 31 |

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|------|----------|-------------------|----------------|----------------|--------------|----------------|----------------|--------|---------------|----------------|----------------|-----------------|-----------------|----------------|----------------|------|
| M 1 | 20 41 56 | 10\O25'01 | 9 ≙ 35 | 5 m 24 | 1495 8 | 26 ≏ 54 | 1 M .42 | 28°R24 | 5 Ω 43 | 12°R42 | 26 ₽ 41 | 29°R45 | 29M 4 | 3949 | 19°R49 | M 1 |
| T 2 | 20 45 53 | 11°22'18 | 22°44 | 6°43 | 15°20 | 27°26 | 1°48 | 28≈20 | 5°47 | 12 る 40 | 26°42 | 29 M .41 | 29° 1 | 3°56 | 19 Y 48 | T 2 |
| W 3 | 20 49 50 | 12°19'35 | 6M 9 | 8° 0 | 16°32 | 27°58 | 1°54 | 28°16 | 5°50 | 12°39 | 26°43 | 29°40 | 28°58 | 4° 2 | 19°48 | W 3 |
| T 4 | 20 53 46 | 13°16'52 | 19°52 | 9°15 | 17°45 | 28°31 | 2° 0 | 28°11 | 5°54 | 12°38 | 26°44 | 29°D40 | 28°55 | 4° 9 | 19°47 | T 4 |
| F 5 | 20 57 43 | 14°14'08 | 3 ₹ 54 | 10°27 | 18°57 | 29° 3 | 2° 7 | 28° 7 | 5°58 | 12°36 | 26°45 | 29°R40 | 28°51 | 4°16 | 19°46 | F 5 |
| S 6 | 21 1 39 | 15°11'25 | 18°15 | 11°37 | 20° 9 | 29°36 | 2°13 | 28° 3 | 6° 1 | 12°35 | 26°46 | 29°39 | 28°48 | 4°22 | 19°46 | S 6 |
| S 7 | 21 5 36 | 16° 8'42 | 2 る 53 | 12°44 | 21°22 | 0 ™ 9 | 2°20 | 27°59 | 6° 5 | 12°34 | 26°47 | 29°36 | 28°45 | 4°29 | 19°45 | S 7 |
| M 8 | 21 9 32 | 17° 5'58 | 17°44 | 13°48 | 22°34 | 0°42 | 2°27 | 27°54 | 6° 8 | 12°32 | 26°48 | 29°30 | 28°42 | 4°36 | 19°44 | M 8 |
| T 9 | 21 13 29 | 18° 3'15 | 2≈41 | 14°49 | 23°47 | 1°15 | 2°34 | 27°50 | 6°12 | 12°31 | 26°49 | 29°22 | 28°39 | 4°42 | 19°43 | T 9 |
| W10 | 21 17 25 | 19° 0'32 | 17°35 | 15°47 | 25° 0 | 1°48 | 2°41 | 27°46 | 6°16 | 12°30 | 26°50 | 29°12 | 28°36 | 4°49 | 19°42 | W10 |
| T 11 | 21 21 22 | 19°57'49 | 2) 17 | 16°43 | 26°12 | 2°22 | 2°48 | 27°41 | 6°19 | 12°29 | 26°51 | 29° 1 | 28°32 | 4°56 | 19°41 | T 11 |
| F 12 | 21 25 19 | 20°55'07 | 16°39 | 17°35 | 27°25 | 2°55 | 2°56 | 27°37 | 6°23 | 12°28 | 26°52 | 28°50 | 28°29 | 5° 2 | 19°40 | F 12 |
| S 13 | 21 29 15 | 21°52'25 | 0 Ƴ 36 | 18°23 | 28°37 | 3°29 | 3° 3 | 27°32 | 6°26 | 12°26 | 26°53 | 28°41 | 28°26 | 5° 9 | 19°39 | S 13 |
| S 14 | 21 33 12 | 22°49'44 | 14° 6 | 19° 9 | 29°50 | 4° 3 | 3°11 | 27°28 | 6°30 | 12°25 | 26°55 | 28°34 | 28°23 | 5°16 | 19°38 | S 14 |
| M15 | 21 37 8 | 23°47'03 | 27° 8 | 19°51 | 1 0 3 | 4°37 | 3°19 | 27°24 | 6°33 | 12°24 | 26°56 | 28°30 | 28°20 | 5°22 | 19°37 | M15 |
| T 16 | 21 41 5 | 24°44'24 | 9 8 46 | 20°29 | 2°16 | 5°11 | 3°26 | 27°19 | 6°37 | 12°23 | 26°57 | 28°28 | 28°17 | 5°29 | 19°35 | T 16 |
| W17 | 21 45 1 | 25°41'45 | 22° 4 | 21° 3 | 3°29 | 5°46 | 3°34 | 27°15 | 6°40 | 12°22 | 26°58 | 28°28 | 28°13 | 5°36 | 19°34 | W17 |
| T 18 | 21 48 58 | 26°39'07 | 4 I 7 | 21°33 | 4°41 | 6°20 | 3°43 | 27°10 | 6°44 | 12°21 | 27° 0 | 28°27 | 28°10 | 5°42 | 19°33 | T 18 |
| F 19 | 21 52 54 | 27°36'30 | 16° 0 | 21°59 | 5°54 | 6°55 | 3°51 | 27° 6 | 6°47 | 12°20 | 27° 1 | 28°27 | 28° 7 | 5°49 | 19°31 | F 19 |
| S 20 | 21 56 51 | 28°33'54 | 27°48 | 22°20 | 7° 7 | 7°29 | 3°59 | 27° 1 | 6°50 | 12°19 | 27° 2 | 28°24 | 28° 4 | 5°56 | 19°30 | S 20 |
| S 21 | 22 0 48 | 29°31'18 | 9937 | 22°37 | 8°20 | 8° 4 | 4° 8 | 26°57 | 6°54 | 12°18 | 27° 4 | 28°20 | 28° 1 | 6° 2 | 19°28 | S 21 |
| M22 | 22 4 44 | 0 m 28'44 | 21°31 | 22°49 | 9°33 | 8°39 | 4°16 | 26°52 | 6°57 | 12°17 | 27° 5 | 28°12 | 27°57 | 6° 9 | 19°27 | M22 |
| T 23 | 22 8 41 | 1°26'10 | 3 Ω 32 | 22°56 | 10°46 | 9°14 | 4°25 | 26°48 | 7° 1 | 12°16 | 27° 7 | 28° 2 | 27°54 | 6°16 | 19°25 | T 23 |
| W24 | 22 12 37 | 2°23'37 | 15°45 | 22°R59 | 11°59 | 9°50 | 4°34 | 26°44 | 7° 4 | 12°15 | 27° 8 | 27°50 | 27°51 | 6°22 | 19°24 | W24 |
| T 25 | 22 16 34 | 3°21'05 | 28° 8 | 22°56 | 13°13 | 10°25 | 4°42 | 26°39 | 7° 7 | 12°14 | 27°10 | 27°37 | 27°48 | 6°29 | 19°22 | T 25 |
| F 26 | 22 20 30 | 4°18'34 | 10 M 45 | 22°48 | 14°26 | 11° 0 | 4°51 | 26°35 | 7°11 | 12°13 | 27°11 | 27°24 | 27°45 | 6°36 | 19°20 | F 26 |
| S 27 | 22 24 27 | 5°16'04 | 23°33 | 22°34 | 15°39 | 11°36 | 5° 1 | 26°30 | 7°14 | 12°13 | 27°13 | 27°12 | 27°42 | 6°42 | 19°19 | S 27 |
| S 28 | 22 28 23 | 6°13'34 | 6 ₽ 33 | 22°16 | 16°52 | 12°12 | 5°10 | 26°26 | 7°17 | 12°12 | 27°15 | 27° 2 | 27°38 | 6°49 | 19°17 | S 28 |
| M29 | 22 32 20 | 7°11'05 | 19°45 | 21°52 | 18° 5 | 12°48 | 5°19 | 26°22 | 7°21 | 12°11 | 27°16 | 26°55 | 27°35 | 6°56 | 19°15 | M29 |
| T 30 | 22 36 16 | 8° 8'37 | 3 m 7 | 21°23 | 19°19 | 13°24 | 5°28 | 26°17 | 7°24 | 12°10 | 27°18 | 26°51 | 27°32 | 7° 2 | 19°13 | T 30 |
| W31 | 22 40 13 | 9 m) 6'09 | 16 M 41 | 20 m 50 | 20€32 | 14 M 0 | 5 M .38 | 26≈13 | 7Ω 27 | 12る 9 | 27 ≏ 20 | 26 M 50 | 27 11 29 | 7 9 5 9 | 19 Y 11 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)Å(| ¥ | В | n | v | ţ | Q K | Day |
|------|----------|------------------|----------------|-----------------|----------------|-----------------|----------------|--------|---------------|--------|----------------|--------|----------------|---------------|---------------|------|
| T 1 | 22 44 10 | 10 mg 3'43 | 0 ∡ 126 | 20°R12 | 21\$\Omega45\$ | 14 M .36 | 5 M .48 | 26°R 9 | 7 Ω 30 | 12°R 9 | 27 ₽ 21 | 26°D49 | 27 M 26 | <i>7</i> 9516 | 19°R 9 | T 1 |
| F 2 | 22 48 6 | 11° 1'17 | 14°24 | 19 m y31 | 22°59 | 15°13 | 5°57 | 26≈ 5 | 7°33 | 12る 8 | 27°23 | 26°R49 | 27°23 | 7°22 | 19 Y 8 | F 2 |
| S 3 | 22 52 3 | 11°58'52 | 28°34 | 18°46 | 24°12 | 15°49 | 6° 7 | 26° 0 | 7°37 | 12° 8 | 27°25 | 26M48 | 27°19 | 7°29 | 19° 6 | S 3 |
| S 4 | 22 55 59 | 12°56'27 | 12 る 55 | 17°59 | 25°26 | 16°26 | 6°17 | 25°56 | 7°40 | 12° 7 | 27°26 | 26°46 | 27°16 | 7°36 | 19° 4 | S 4 |
| M 5 | 22 59 56 | 13°54'03 | 27°25 | 17°10 | 26°39 | 17° 2 | 6°27 | 25°52 | 7°43 | 12° 6 | 27°28 | 26°40 | 27°13 | 7°42 | 19° 1 | M 5 |
| T 6 | 23 3 52 | 14°51'40 | 11 ≈ 58 | 16°20 | 27°53 | 17°39 | 6°37 | 25°48 | 7°46 | 12° 6 | 27°30 | 26°33 | 27°10 | 7°49 | 18°59 | T 6 |
| W 7 | 23 7 49 | 15°49'18 | 26°29 | 15°30 | 29° 6 | 18°16 | 6°47 | 25°44 | 7°49 | 12° 5 | 27°32 | 26°23 | 27° 7 | 7°56 | 18°57 | W 7 |
| T 8 | 23 11 45 | 16°46'57 | 10 米 51 | 14°41 | 0 Mp 20 | 18°53 | 6°57 | 25°40 | 7°52 | 12° 5 | 27°34 | 26°12 | 27° 3 | 8° 3 | 18°55 | T 8 |
| F 9 | 23 15 42 | 17°44'38 | 24°58 | 13°54 | 1°33 | 19°30 | 7° 8 | 25°36 | 7°55 | 12° 4 | 27°36 | 26° 2 | 27° 0 | 8° 9 | 18°53 | F 9 |
| S 10 | 23 19 39 | 18°42'19 | 8 Ƴ 44 | 13°10 | 2°47 | 20° 8 | 7°18 | 25°32 | 7°58 | 12° 4 | 27°37 | 25°53 | 26°57 | 8°16 | 18°51 | S 10 |
| S 11 | 23 23 35 | 19°40'02 | 22° 8 | 12°30 | 4° 1 | 20°45 | 7°28 | 25°28 | 8° 1 | 12° 4 | 27°39 | 25°47 | 26°54 | 8°23 | 18°48 | S 11 |
| M12 | 23 27 32 | 20°37'46 | 5 8 7 | 11°54 | 5°14 | 21°23 | 7°39 | 25°24 | 8° 4 | 12° 3 | 27°41 | 25°42 | 26°51 | 8°29 | 18°46 | M12 |
| T 13 | 23 31 28 | 21°35'31 | 17°45 | 11°25 | 6°28 | 22° 0 | 7°50 | 25°21 | 8° 6 | 12° 3 | 27°43 | 25°40 | 26°48 | 8°36 | 18°44 | T 13 |
| W14 | 23 35 25 | 22°33'19 | 0 Ⅱ 3 | 11° 1 | 7°42 | 22°38 | 8° 0 | 25°17 | 8° 9 | 12° 3 | 27°45 | 25°D40 | 26°44 | 8°43 | 18°41 | W14 |
| T 15 | 23 39 21 | 23°31'08 | 12° 7 | 10°44 | 8°56 | 23°16 | 8°11 | 25°13 | 8°12 | 12° 2 | 27°47 | 25°41 | 26°41 | 8°49 | 18°39 | T 15 |
| F 16 | 23 43 18 | 24°28'58 | 24° 2 | 10°35 | 10°10 | 23°54 | 8°22 | 25°10 | 8°15 | 12° 2 | 27°49 | 25°R41 | 26°38 | 8°56 | 18°37 | F 16 |
| S 17 | 23 47 14 | 25°26'50 | 5952 | 10°D33 | 11°24 | 24°32 | 8°33 | 25° 6 | 8°18 | 12° 2 | 27°51 | 25°41 | 26°35 | 9° 3 | 18°34 | S 17 |
| S 18 | 23 51 11 | 26°24'44 | 17°43 | 10°40 | 12°37 | 25°10 | 8°44 | 25° 3 | 8°20 | 12° 2 | 27°53 | 25°38 | 26°32 | 9° 9 | 18°32 | S 18 |
| M19 | 23 55 8 | 27°22'39 | 29°40 | 10°54 | 13°51 | 25°48 | 8°55 | 24°59 | 8°23 | 12° 2 | 27°55 | 25°34 | 26°28 | 9°16 | 18°29 | M19 |
| T 20 | 23 59 4 | 28°20'36 | 11 Ω 47 | 11°16 | 15° 5 | 26°26 | 9° 6 | 24°56 | 8°26 | 12° 2 | 27°57 | 25°27 | 26°25 | 9°23 | 18°27 | T 20 |
| W21 | 0 3 1 | 29°18'35 | 24° 7 | 11°47 | 16°19 | 27° 5 | 9°17 | 24°53 | 8°28 | 12° 1 | 27°59 | 25°18 | 26°22 | 9°29 | 18°24 | W21 |
| T 22 | 0 6 57 | 0 ≏ 16'35 | 6 m 42 | 12°26 | 17°33 | 27°43 | 9°29 | 24°49 | 8°31 | 12° 1 | 28° 2 | 25° 9 | 26°19 | 9°36 | 18°22 | T 22 |
| F 23 | 0 10 54 | 1°14'37 | 19°34 | 13°12 | 18°47 | 28°22 | 9°40 | 24°46 | 8°33 | 12°D 1 | 28° 4 | 24°59 | 26°16 | 9°43 | 18°19 | F 23 |
| S 24 | 0 14 50 | 2°12'40 | 2 ≏ 41 | 14° 6 | 20° 2 | 29° 1 | 9°51 | 24°43 | 8°36 | 12° 1 | 28° 6 | 24°50 | 26°13 | 9°49 | 18°17 | S 24 |
| S 25 | 0 18 47 | 3°10'45 | 16° 3 | 15° 7 | 21°16 | 29°40 | 10° 3 | 24°40 | 8°38 | 12° 2 | 28° 8 | 24°43 | 26° 9 | 9°56 | 18°14 | S 25 |
| M26 | 0 22 43 | 4° 8'52 | 29°38 | 16°14 | 22°30 | 0 才 19 | 10°14 | 24°37 | 8°41 | 12° 2 | 28°10 | 24°38 | 26° 6 | 10° 3 | 18°11 | M26 |
| T 27 | 0 26 40 | 5° 7'00 | 13 M 23 | 17°29 | 23°44 | 0°58 | 10°26 | 24°34 | 8°43 | 12° 2 | 28°12 | 24°35 | 26° 3 | 10° 9 | 18° 9 | T 27 |
| W28 | 0 30 36 | 6° 5'09 | 27°16 | 18°49 | 24°58 | 1°37 | 10°38 | 24°32 | 8°45 | 12° 2 | 28°14 | 24°D35 | 26° 0 | 10°16 | 18° 6 | W28 |
| T 29 | 0 34 33 | 7° 3'20 | 11 × 16 | 20°14 | 26°13 | 2°16 | 10°49 | 24°29 | 8°48 | 12° 2 | 28°17 | 24°36 | 25°57 | 10°23 | 18° 4 | T 29 |
| F 30 | 0 38 30 | 8 ₾ 1'32 | 25 × 21 | 21 Mp 45 | 27 Mg 27 | 2 , ₹56 | 11 M 1 | 24≈26 | 8 N 50 | 12중 2 | 28 ≏ 19 | 24M37 | 25 M 54 | 10929 | 18 Y 1 | F 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)f(| ¥ | Р | v | Ω | Ç | Š | Day |
|------|---------|------------------|----------------|----------------|-----------------|---------------|-----------------|--------|---------------|----------------|----------------|-----------------|-----------------|-------|----------------|------|
| S 1 | 0 42 26 | 8 ≏ 59'46 | 9 ට 30 | 23 m 19 | 28 m /41 | 3 ₹ 35 | 11 M .13 | 24°R24 | 8 Ω 52 | 12る 3 | 28 ≏ 21 | 24°R37 | 25 M 50 | 10936 | 17°R58 | S 1 |
| S 2 | 0 46 23 | 9°58'01 | 23°41 | 24°58 | 29°55 | 4°15 | 11°25 | 24≈21 | 8°54 | 12° 3 | 28°23 | 24 M .37 | 25°47 | 10°43 | 17 Y 56 | S 2 |
| M 3 | 0 50 19 | 10°56'17 | 7≈53 | 26°40 | 1 ₽ 10 | 4°54 | 11°37 | 24°19 | 8°56 | 12° 3 | 28°25 | 24°34 | 25°44 | 10°50 | 17°53 | M 3 |
| T 4 | 0 54 16 | 11°54'35 | 22° 3 | 28°24 | 2°24 | 5°34 | 11°49 | 24°17 | 8°59 | 12° 4 | 28°28 | 24°29 | 25°41 | 10°56 | 17°50 | T 4 |
| W 5 | 0 58 12 | 12°52'54 | 6) 7 | 0 ჲ 11 | 3°38 | 6°14 | 12° 1 | 24°14 | 9° 1 | 12° 4 | 28°30 | 24°24 | 25°38 | 11° 3 | 17°48 | W 5 |
| T 6 | 1 2 9 | 13°51'15 | 20° 1 | 2° 0 | 4°53 | 6°54 | 12°13 | 24°12 | 9° 3 | 12° 4 | 28°32 | 24°17 | 25°34 | 11°10 | 17°45 | T 6 |
| F 7 | 1 6 5 | 14°49'37 | 3 Ƴ 44 | 3°50 | 6° 7 | 7°34 | 12°25 | 24°10 | 9° 5 | 12° 5 | 28°34 | 24°11 | 25°31 | 11°16 | 17°42 | F 7 |
| S 8 | 1 10 2 | 15°48'01 | 17°10 | 5°41 | 7°22 | 8°14 | 12°37 | 24° 8 | 9° 6 | 12° 5 | 28°37 | 24° 5 | 25°28 | 11°23 | 17°39 | S 8 |
| S 9 | 1 13 59 | 16°46'27 | 0 8 18 | 7°33 | 8°36 | 8°54 | 12°49 | 24° 7 | 9° 8 | 12° 6 | 28°39 | 24° 1 | 25°25 | 11°30 | 17°37 | S 9 |
| M10 | 1 17 55 | 17°44'54 | 13° 8 | 9°25 | 9°51 | 9°34 | 13° 2 | 24° 5 | 9°10 | 12° 6 | 28°41 | 23°59 | 25°22 | 11°36 | 17°34 | M10 |
| T 11 | 1 21 52 | 18°43'24 | 25°39 | 11°17 | 11° 5 | 10°15 | 13°14 | 24° 3 | 9°12 | 12° 7 | 28°43 | 23°D58 | 25°19 | 11°43 | 17°31 | T 11 |
| W12 | 1 25 48 | 19°41'56 | 7 Ⅱ 55 | 13°10 | 12°20 | 10°55 | 13°26 | 24° 2 | 9°14 | 12° 8 | 28°46 | 23°59 | 25°15 | 11°50 | 17°29 | W12 |
| T 13 | 1 29 45 | 20°40'29 | 19°59 | 15° 2 | 13°34 | 11°36 | 13°39 | 24° 0 | 9°15 | 12° 8 | 28°48 | 24° 1 | 25°12 | 11°56 | 17°26 | T 13 |
| F 14 | 1 33 41 | 21°39'05 | 1954 | 16°53 | 14°49 | 12°17 | 13°51 | 23°59 | 9°17 | 12° 9 | 28°50 | 24° 3 | 25° 9 | 12° 3 | 17°23 | F 14 |
| S 15 | 1 37 38 | 22°37'43 | 13°45 | 18°45 | 16° 3 | 12°57 | 14° 4 | 23°57 | 9°19 | 12°10 | 28°53 | 24° 4 | 25° 6 | 12°10 | 17°21 | S 15 |
| S 16 | 1 41 34 | 23°36'23 | 25°36 | 20°35 | 17°18 | 13°38 | 14°16 | 23°56 | 9°20 | 12°10 | 28°55 | 24°R 4 | 25° 3 | 12°16 | 17°18 | S 16 |
| M17 | 1 45 31 | 24°35'05 | 7 Ω 34 | 22°25 | 18°33 | 14°19 | 14°29 | 23°55 | 9°22 | 12°11 | 28°57 | 24° 3 | 25° 0 | 12°23 | 17°15 | M17 |
| T 18 | 1 49 28 | 25°33'50 | 19°42 | 24°14 | 19°47 | 15° 0 | 14°41 | 23°54 | 9°23 | 12°12 | 29° 0 | 24° 1 | 24°56 | 12°30 | 17°12 | T 18 |
| W19 | 1 53 24 | 26°32'36 | 2MD 5 | 26° 3 | 21° 2 | 15°41 | 14°54 | 23°53 | 9°24 | 12°13 | 29° 2 | 23°58 | 24°53 | 12°36 | 17°10 | W19 |
| T 20 | 1 57 21 | 27°31'24 | 14°46 | 27°50 | 22°17 | 16°22 | 15° 6 | 23°52 | 9°26 | 12°14 | 29° 4 | 23°54 | 24°50 | 12°43 | 17° 7 | T 20 |
| F 21 | 2 1 17 | 28°30'15 | 27°47 | 29°37 | 23°31 | 17° 4 | 15°19 | 23°52 | 9°27 | 12°15 | 29° 7 | 23°50 | 24°47 | 12°50 | 17° 4 | F 21 |
| S 22 | 2 5 14 | 29°29'08 | 11 ₾ 9 | 1 M 23 | 24°46 | 17°45 | 15°32 | 23°51 | 9°28 | 12°15 | 29° 9 | 23°46 | 24°44 | 12°57 | 17° 2 | S 22 |
| S 23 | 2 9 10 | 0M28'02 | 24°50 | 3° 8 | 26° 1 | 18°27 | 15°45 | 23°51 | 9°29 | 12°16 | 29°11 | 23°43 | 24°40 | 13° 3 | 16°59 | S 23 |
| M24 | 2 13 7 | 1°26'59 | 8 M .49 | 4°52 | 27°16 | 19°8 | 15°57 | 23°50 | 9°31 | 12°17 | 29°14 | 23°41 | 24°37 | 13°10 | 16°57 | M24 |
| T 25 | 2 17 3 | 2°25'58 | 23° 1 | 6°35 | 28°30 | 19°50 | 16°10 | 23°50 | 9°32 | 12°18 | 29°16 | 23°D41 | 24°34 | 13°17 | 16°54 | T 25 |
| W26 | 2 21 0 | 3°24'58 | 7 ₹ 21 | 8°18 | 29°45 | 20°31 | 16°23 | 23°50 | 9°33 | 12°19 | 29°18 | 23°41 | 24°31 | 13°23 | 16°51 | W26 |
| T 27 | 2 24 56 | 4°24'00 | 2 <u>1</u> °45 | 9°59 | 1 M 0 | 21°13 | 16°36 | 23°50 | 9°34 | 12°21 | 29°21 | 23°42 | 24°28 | 13°30 | 16°49 | T 27 |
| F 28 | 2 28 53 | 5°23'04 | 6 ට 9 | 11°40 | 2°15 | 21°55 | 16°49 | 23°D50 | 9°35 | 12°22 | 29°23 | 23°44 | 24°25 | 13°37 | 16°46 | F 28 |
| S 29 | 2 32 50 | 6°22'10 | 20°29 | 13°20 | 3°30 | 22°37 | 17° 1 | 23°50 | 9°36 | 12°23 | 29°25 | 23°45 | 24°21 | 13°43 | 16°44 | S 29 |
| S 30 | 2 36 46 | 7°21'18 | 4≈42 | 14°59 | 4°45 | 23°19 | 17°14 | 23°50 | 9°36 | 12°24 | 29°27 | 23°R45 | 24°18 | 13°50 | 16°41 | S 30 |
| M31 | 2 40 43 | 8M20'26 | 18 ≈ 46 | 16 M 37 | 5 M .59 | 24 才 1 | 17 M 27 | 23≈50 | 9 Ω 37 | 12 る 25 | 29 ₾ 30 | 23 M 45 | 24 M .15 | 13957 | 16 Y 39 | M31 |

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NOVEMBER 3464 00:00 UT

| Day | Sid.t | 0 | D | Ϋ́ | Q | ♂ | 4 | ħ |)វ(| ¥ | Р | n | Ω | ţ | Q K | Day |
|------|---------|------------------|----------------|-----------------|----------------|----------------|----------------|-------|---------------|----------------|----------------|----------------|----------------|--------|----------------|------|
| T 1 | 2 44 39 | 9 M 19'37 | 2) 39 | 18 M J15 | 7 ™ 14 | 24 ৴ 44 | 17 M 40 | 23≈50 | 9 Ω 38 | 12 る 26 | 29 ॒ 32 | 23°R44 | 24Ml12 | 1499 3 | 16°R36 | T 1 |
| W 2 | 2 48 36 | 10°18'49 | 16°21 | 19°51 | 8°29 | 25°26 | 17°53 | 23°51 | 9°39 | 12°28 | 29°34 | 23 M 43 | 24° 9 | 14°10 | 16 Y 34 | W 2 |
| T 3 | 2 52 32 | 11°18'03 | 29°50 | 21°27 | 9°44 | 26° 8 | 18° 6 | 23°52 | 9°39 | 12°29 | 29°37 | 23°41 | 24° 5 | 14°17 | 16°32 | T 3 |
| F 4 | 2 56 29 | 12°17'19 | 13 Y 5 | 23° 3 | 10°59 | 26°51 | 18°19 | 23°52 | 9°40 | 12°30 | 29°39 | 23°39 | 24° 2 | 14°24 | 16°29 | F 4 |
| S 5 | 3 0 25 | 13°16'36 | 26° 7 | 24°37 | 12°14 | 27°33 | 18°32 | 23°53 | 9°40 | 12°32 | 29°41 | 23°38 | 23°59 | 14°30 | 16°27 | S 5 |
| S 6 | 3 4 22 | 14°15'56 | 8 8 55 | 26°11 | 13°29 | 28°16 | 18°45 | 23°54 | 9°41 | 12°33 | 29°43 | 23°37 | 23°56 | 14°37 | 16°25 | S 6 |
| M 7 | 3 8 19 | 15°15'17 | 21°29 | 27°45 | 14°44 | 28°59 | 18°58 | 23°55 | 9°41 | 12°34 | 29°46 | 23°D37 | 23°53 | 14°44 | 16°22 | M 7 |
| T 8 | 3 12 15 | 16°14'40 | 3 Ⅱ 50 | 29°17 | 15°59 | 29°41 | 19°11 | 23°56 | 9°42 | 12°36 | 29°48 | 23°37 | 23°50 | 14°50 | 16°20 | T 8 |
| W 9 | 3 16 12 | 17°14'06 | 15°59 | 0 才 49 | 17°14 | 0る24 | 19°24 | 23°57 | 9°42 | 12°37 | 29°50 | 23°37 | 23°46 | 14°57 | 16°18 | W 9 |
| T 10 | 3 20 8 | 18°13'34 | 27°59 | 2°20 | 18°29 | 1° 7 | 19°37 | 23°58 | 9°42 | 12°39 | 29°52 | 23°38 | 23°43 | 15° 4 | 16°16 | T 10 |
| F 11 | 3 24 5 | 19°13'03 | 9 95 53 | 3°51 | 19°44 | 1°50 | 19°50 | 24° 0 | 9°42 | 12°40 | 29°55 | 23°39 | 23°40 | 15°10 | 16°13 | F 11 |
| S 12 | 3 28 1 | 20°12'35 | 21°43 | 5°21 | 20°59 | 2°33 | 20° 3 | 24° 1 | 9°42 | 12°42 | 29°57 | 23°39 | 23°37 | 15°17 | 16°11 | S 12 |
| S 13 | 3 31 58 | 21°12'09 | 3 Ω 35 | 6°51 | 22°14 | 3°17 | 20°16 | 24° 3 | 9°43 | 12°43 | 29°59 | 23°39 | 23°34 | 15°24 | 16° 9 | S 13 |
| M14 | 3 35 54 | 22°11'45 | 15°31 | 8°20 | 23°29 | 4° 0 | 20°29 | 24° 5 | 9°R43 | 12°45 | OM 1 | 23°39 | 23°31 | 15°30 | 16° 7 | M14 |
| T 15 | 3 39 51 | 23°11'23 | 27°38 | 9°48 | 24°44 | 4°43 | 20°42 | 24° 6 | 9°43 | 12°46 | 0° 3 | 23°39 | 23°27 | 15°37 | 16° 5 | T 15 |
| W16 | 3 43 48 | 24°11'04 | 9 m 58 | 11°15 | 25°59 | 5°26 | 20°55 | 24° 8 | 9°42 | 12°48 | 0° 6 | 23°39 | 23°24 | 15°44 | 16° 3 | W16 |
| T 17 | 3 47 44 | 25°10'47 | 22°38 | 12°42 | 27°14 | 6°10 | 21° 8 | 24°10 | 9°42 | 12°50 | 0° 8 | 23°40 | 23°21 | 15°51 | 16° 1 | T 17 |
| F 18 | 3 51 41 | 26°10'31 | 5 Ω 39 | 14° 8 | 28°29 | 6°53 | 21°21 | 24°12 | 9°42 | 12°51 | 0°10 | 23°40 | 23°18 | 15°57 | 15°59 | F 18 |
| S 19 | 3 55 37 | 27°10'18 | 19° 5 | 15°34 | 29°44 | 7°37 | 21°34 | 24°14 | 9°42 | 12°53 | 0°12 | 23°40 | 23°15 | 16° 4 | 15°57 | S 19 |
| S 20 | 3 59 34 | 28°10'07 | 2 M 55 | 16°59 | 0 ∡ 759 | 8°21 | 21°47 | 24°17 | 9°42 | 12°55 | 0°14 | 23°40 | 23°11 | 16°11 | 15°55 | S 20 |
| M21 | 4 3 30 | 29° 9'58 | 17° 9 | 18°23 | 2°14 | 9° 5 | 22° 0 | 24°19 | 9°41 | 12°57 | 0°16 | 23°R41 | 23° 8 | 16°17 | 15°54 | M21 |
| T 22 | 4 7 27 | 0 才 9'51 | 1 ∡ 742 | 19°46 | 3°29 | 9°48 | 22°13 | 24°21 | 9°41 | 12°58 | 0°18 | 23°41 | 23° 5 | 16°24 | 15°52 | T 22 |
| W23 | 4 11 23 | 1° 9'46 | 1 <u>6</u> °28 | 21° 8 | 4°44 | 10°32 | 22°26 | 24°24 | 9°40 | 13° 0 | 0°20 | 23°40 | 23° 2 | 16°31 | 15°50 | W23 |
| T 24 | 4 15 20 | 2° 9'43 | 1 ਰ 21 | 22°30 | 5°59 | 11°16 | 22°39 | 24°27 | 9°40 | 13° 2 | 0°23 | 23°40 | 22°59 | 16°37 | 15°49 | T 24 |
| F 25 | 4 19 17 | 3° 9'42 | 16°11 | 23°50 | 7°14 | 12° 0 | 22°51 | 24°29 | 9°39 | 13° 4 | 0°25 | 23°38 | 22°56 | 16°44 | 15°47 | F 25 |
| S 26 | 4 23 13 | 4° 9'42 | 0≈52 | 25° 9 | 8°30 | 12°45 | 23° 4 | 24°32 | 9°39 | 13° 6 | 0°27 | 23°37 | 22°52 | 16°51 | 15°45 | S 26 |
| S 27 | 4 27 10 | 5° 9'43 | 15°19 | 26°27 | 9°45 | 13°29 | 23°17 | 24°35 | 9°38 | 13° 7 | 0°29 | 23°36 | 22°49 | 16°57 | 15°44 | S 27 |
| M28 | 4 31 6 | 6° 9'46 | 29°27 | 27°44 | 11° 0 | 14°13 | 23°30 | 24°38 | 9°37 | 13° 9 | 0°31 | 23°36 | 22°46 | 17° 4 | 15°42 | M28 |
| T 29 | 4 35 3 | 7° 9'50 | 13 米 16 | 2 <u>8</u> °59 | 12°15 | 1 <u>4</u> °57 | 23°43 | 24°41 | 9°37 | 1 <u>3</u> °11 | 0°33 | 23°D36 | 22°43 | 17°11 | 15°41 | T 29 |
| W30 | 4 38 59 | 8 .₹ 9'56 | 26) 46 | 0 궁 13 | 13 ₹ 30 | 15 る 42 | 23 M 56 | 24≈44 | 9 Ω 36 | 13 る 13 | 0 M .34 | 23M36 | 22 M 40 | 179518 | 15 Y 39 | W30 |

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DECEMBER 3464 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | δ | 4 | ħ |)∤(| ¥ | Р | r | Ω | Ç | Š. | Day |
|------|---------|------------------|----------------|----------------|-----------------|-----------------|----------------|-------|---------------|----------------|----------------|----------------|----------------|--------|----------------|------|
| T 1 | 4 42 56 | 9 ∡ 10′03 | 9 Ƴ 57 | 1 る 25 | 14 ∡ ⁴45 | 16 පි 26 | 24M 9 | 24≈48 | 9°R35 | 13 る 15 | 0 M .36 | 23 M 37 | 22 M 37 | 179524 | 15°R38 | T 1 |
| F 2 | 4 46 52 | 10°10'12 | 22°51 | 2°35 | 16° 0 | 17°11 | 24°21 | 24°51 | 9 Ω 34 | 13°17 | 0°38 | 23°39 | 22°33 | 17°31 | 15 Y 37 | F 2 |
| S 3 | 4 50 49 | 11°10'22 | 5 8 31 | 3°43 | 17°15 | 17°55 | 24°34 | 24°54 | 9°33 | 13°19 | 0°40 | 23°40 | 22°30 | 17°38 | 15°36 | S 3 |
| S 4 | 4 54 46 | 12°10'34 | 17°59 | 4°48 | 18°31 | 18°40 | 24°47 | 24°58 | 9°32 | 13°21 | 0°42 | 23°R41 | 22°27 | 17°44 | 15°34 | S 4 |
| M 5 | 4 58 42 | 13°10'47 | 0 Ⅱ 17 | 5°50 | 19°46 | 19°25 | 25° 0 | 25° 2 | 9°31 | 13°23 | 0°44 | 23°41 | 22°24 | 17°51 | 15°33 | M 5 |
| T 6 | 5 2 39 | 14°11'02 | 12°25 | 6°49 | 21° 1 | 20° 9 | 25°12 | 25° 5 | 9°30 | 13°25 | 0°46 | 23°40 | 22°21 | 17°58 | 15°32 | T 6 |
| W 7 | 5 6 3 5 | 15°11'19 | 24°26 | 7°45 | 22°16 | 20°54 | 25°25 | 25° 9 | 9°29 | 13°27 | 0°48 | 23°37 | 22°17 | 18° 4 | 15°31 | W 7 |
| T 8 | 5 10 32 | 16°11'37 | 69522 | 8°36 | 23°31 | 21°39 | 25°38 | 25°13 | 9°28 | 13°29 | 0°49 | 23°34 | 22°14 | 18°11 | 15°30 | T 8 |
| F 9 | 5 14 28 | 17°11'57 | 18°14 | 9°23 | 24°46 | 22°24 | 25°50 | 25°17 | 9°26 | 13°31 | 0°51 | 23°30 | 22°11 | 18°18 | 15°29 | F 9 |
| S 10 | 5 18 25 | 18°12'19 | 0 Ω 4 | 10° 5 | 26° 2 | 23° 9 | 26° 3 | 25°21 | 9°25 | 13°33 | 0°53 | 23°26 | 22° 8 | 18°25 | 15°28 | S 10 |
| S 11 | 5 22 22 | 19°12'42 | 11°56 | 10°41 | 27°17 | 23°54 | 26°15 | 25°25 | 9°24 | 13°35 | 0°55 | 23°22 | 22° 5 | 18°31 | 15°27 | S 11 |
| M12 | 5 26 18 | 20°13'07 | 23°52 | 11°11 | 28°32 | 24°39 | 26°28 | 25°29 | 9°22 | 13°37 | 0°56 | 23°18 | 22° 2 | 18°38 | 15°27 | M12 |
| T 13 | 5 30 15 | 21°13'34 | 5 m 56 | 11°33 | 29°47 | 25°25 | 26°40 | 25°34 | 9°21 | 13°40 | 0°58 | 23°16 | 21°58 | 18°45 | 15°26 | T 13 |
| W14 | 5 34 11 | 22°14'02 | 18°13 | 11°48 | 1る 2 | 26°10 | 26°52 | 25°38 | 9°19 | 13°42 | 1° 0 | 23°D15 | 21°55 | 18°51 | 15°25 | W14 |
| T 15 | 5 38 8 | 23°14'32 | 0 ჲ 46 | 11°R53 | 2°17 | 26°55 | 27° 5 | 25°42 | 9°18 | 13°44 | 1° 1 | 23°15 | 21°52 | 18°58 | 15°24 | T 15 |
| F 16 | 5 42 4 | 24°15'04 | 13°41 | 11°50 | 3°33 | 27°41 | 27°17 | 25°47 | 9°16 | 13°46 | 1° 3 | 23°16 | 21°49 | 19° 5 | 15°24 | F 16 |
| S 17 | 5 46 1 | 25°15'38 | 27° 0 | 11°36 | 4°48 | 28°26 | 27°29 | 25°51 | 9°15 | 13°48 | 1° 4 | 23°18 | 21°46 | 19°11 | 15°23 | S 17 |
| S 18 | 5 49 57 | 26°16'13 | 10 M 47 | 11°12 | 6° 3 | 29°11 | 27°42 | 25°56 | 9°13 | 13°50 | 1° 6 | 23°19 | 21°43 | 19°18 | 15°23 | S 18 |
| M19 | 5 53 54 | 27°16'50 | 25° 1 | 10°36 | 7°18 | 29°57 | 27°54 | 26° 1 | 9°11 | 13°52 | 1° 7 | 23°R20 | 21°39 | 19°25 | 15°22 | M19 |
| T 20 | 5 57 51 | 28°17'29 | 9 .₹ 41 | 9°50 | 8°34 | 0≈43 | 28° 6 | 26° 6 | 9°10 | 13°55 | 1° 9 | 23°19 | 21°36 | 19°32 | 15°22 | T 20 |
| W21 | 6 1 47 | 29°18'09 | 24°41 | 8°54 | 9°49 | 1°28 | 28°18 | 26°10 | 9°8 | 13°57 | 1°10 | 23°16 | 21°33 | 19°38 | 15°22 | W21 |
| T 22 | 6 5 44 | 0 궁 18'50 | 9 る 53 | 7°49 | 11° 4 | 2°14 | 28°30 | 26°15 | 9° 6 | 13°59 | 1°12 | 23°11 | 21°30 | 19°45 | 15°21 | T 22 |
| F 23 | 6 9 40 | 1°19'32 | 25° 6 | 6°35 | 12°19 | 3° 0 | 28°42 | 26°20 | 9° 4 | 14° 1 | 1°13 | 23° 6 | 21°27 | 19°52 | 15°21 | F 23 |
| S 24 | 6 13 37 | 2°20'16 | 10≈11 | 5°16 | 13°35 | 3°46 | 28°54 | 26°25 | 9° 2 | 14° 4 | 1°14 | 23° 0 | 21°23 | 19°58 | 15°21 | S 24 |
| S 25 | 6 17 33 | 3°21'00 | 24°57 | 3°54 | 14°50 | 4°32 | 29° 6 | 26°31 | 9° 0 | 14° 6 | 1°16 | 22°54 | 21°20 | 20° 5 | 15°21 | S 25 |
| M26 | 6 21 30 | 4°21'46 | 9 ∺ 20 | 2°31 | 16° 5 | 5°18 | 29°18 | 26°36 | 8°58 | 14° 8 | 1°17 | 22°50 | 21°17 | 20°12 | 15°D21 | M26 |
| T 27 | 6 25 26 | 5°22'32 | 23°17 | 1°11 | 17°20 | 6° 3 | 29°29 | 26°41 | 8°56 | 14°10 | 1°18 | 22°47 | 21°14 | 20°18 | 15°21 | T 27 |
| W28 | 6 29 23 | 6°23'19 | 6 Υ 46 | 29 х 56 | 18°35 | 6°50 | 29°41 | 26°46 | 8°54 | 14°12 | 1°20 | 22°D46 | 21°11 | 20°25 | 15°21 | W28 |
| T 29 | 6 33 20 | 7°24'06 | 19°51 | 28°47 | 19°51 | 7°36 | 29°53 | 26°52 | 8°52 | 14°15 | 1°21 | 22°47 | 21° 8 | 20°32 | 15°21 | T 29 |
| F 30 | 6 37 16 | 8°24'55 | 2 8 36 | 27°48 | 21° 6 | 8°22 | 0 , ₹ 4 | 26°57 | 8°50 | 14°17 | 1°22 | 22°48 | 21° 4 | 20°39 | 15°21 | F 30 |
| S 31 | 6 41 13 | 9 ට 25'44 | 15 8 3 | 27 ₹ 0 | 22 ට 21 | 9≈ 8 | 0 才 16 | 27≈ 3 | $8\Omega48$ | 14 る 19 | 1 M 23 | 22 M 50 | 21 m 1 | 209545 | 15 Y 22 | S 31 |

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|--------------|--------------------|----------------------|-------------------------|-----------------------|-----------------------|----------------------|---------------|----------------|---------------|----------------|----------------|------------------|----------------|----------------|----------------|--------------|
| S 1 | 6 45 9 | 10 ි 26'34 | 27817 | 26°R22 | 23 ප 36 | 9≈54 | 0 х 27 | 27≈ 8 | 8°R46 | 14 ට 21 | 1 M 24 | 22°R50 | 20 M 58 | 20952 | 15 Y 22 | S 1 |
| M 2 | 6 49 6 | 11°27'25 | 9∏21 | 25 ₹ 56 | 24°52 | 10°40 | 0°38 | 27°14 | 8Ω 44 | 14°24 | 1°25 | 22 M 48 | 20°55 | 20°59 | 15°22 | M 2 |
| T 3 | 6 53 2 | 12°28'17 | 21°19 | 25°41 | 26° 7 | 11°27 | 0°50 | 27°20 | 8°41 | 14°26 | 1°27 | 22°44 | 20°52 | 21° 5 | 15°23 | T 3 |
| W 4 | 6 56 59 | 13°29'09 | 39513 | 25°D37 | 27°22 | 12°13 | 1° 1 | 27°26 | 8°39 | 14°28 | 1°28 | 22°38 | 20°49 | 21°12 | 15°23 | W 4 |
| T 5 | 7 0 56 | 14°30'02 | 15° 5 | 25°42 | 28°37 | 12°59 | 1°12 | 27°31 | 8°37 | 14°30 | 1°29 | 22°29 | 20°45 | 21°19 | 15°24 | T 5 |
| F 6 S 7 | 7 4 52 7 8 49 | 15°30'56 | 26°57 | 25°58 26°21 | 29°52 1 ≈ 8 | 13°46 14°32 | 1°23 1°34 | 27°37 27°43 | 8°35 8°32 | 14°33 14°35 | 1°30 1°30 | 22°19 22° 8 | 20°42 20°39 | 21°26 21°32 | 15°24 15°25 | F 6 S 7 |
| 5 / | 7 8 49 | 16°31'51 | 8 Ω 49 | - | | | | | | | | | | _ | | |
| S 8 | 7 12 45 | 17°32'47 | 20°44 | 26°53 | 2°23 | 15°19 | 1°45 | 27°49 | 8°30 | 14°37 | 1°31 | 21°57 | 20°36 | 21°39 | 15°25 | S 8 |
| M 9 | 7 16 42 | 18°33'43 | 2 m 43 | 27°31 | 3°38 | 16° 5 | 1°56 | 27°55 | 8°27 | 14°40 | 1°32 | 21°47 | 20°33 | 21°46 | 15°26 | M 9 |
| T 10 | 7 20 38 | 19°34'41 | 14°50 | 28°15 | 4°53 | 16°52 | 2° 6 | 28° 1 | 8°25 | 14°42 | 1°33 | 21°39 | 20°29 | 21°52 | 15°27 | T 10 |
| W11 | 7 24 35 | 20°35'39 | 27° 6 | 29° 5 | 6° 8 | 17°39 | 2°17 | 28° 7 | 8°23 | 14°44 | 1°34 | 21°34 | 20°26 | 21°59 | 15°28 | W11 |
| T 12 | 7 28 31 | 21°36'38 | 9 ₾ 37 | 29°59 | 7°24 | 18°25 | 2°27 | 28°14 | 8°20 | 14°46 | 1°35 | 21°31 | 20°23 | 22° 6 | 15°29 | T 12 |
| F 13 S 14 | 7 32 28 7 36 25 | 22°37'38 23°38'39 | 22°24 5 M 34 | 0 궁 58 2° 1 | 8°39 9°54 | 19°12 19°59 | 2°38 2°48 | 28°20 28°26 | 8°18 8°15 | 14°49 14°51 | 1°35 1°36 | 21°D30 21°31 | 20°20 20°17 | 22°12 22°19 | 15°30 15°31 | F 13 S 14 |
| | | | | | | | | | | | | | | | | |
| S 15 | 7 40 21 | 24°39'41 | 19° 9 | 3° 7 | 11° 9 | 20°45 | 2°59 | 28°32 | 8°13 | 14°53 | 1°37 | 21°R31 | 20°14 | 22°26 | 15°32 | S 15 |
| M16 | 7 44 18 | 25°40'43 | 3 ₹ 12 | 4°15 | 12°24 | 21°32 | 3° 9 | 28°39 | 8°10 | 14°55 | 1°37 | 21°31 | 20°10 | 22°33 | 15°33 | M16 |
| T 17 | 7 48 14 | 26°41'47 | 17°43 | 5°27 | 13°40 | 22°19 | 3°19 | 28°45 | 8° 8 | 14°58 | 1°38 | 21°28 | 20° 7 | 22°39 | 15°34 | T 17 |
| W18 | 7 52 11 | 27°42'51 | 2 중 38 | 6°40 | 14°55 | 23° 6 | 3°29 | 28°52 | 8° 5 | 15° 0 | 1°38 | 21°23 | 20° 4 | 22°46 | 15°35 | W18 |
| T 19 F 20 | 7 56 7 | 28°43'55 | 17°51 | 7°55 9°12 | 16°10 17°25 | 23°53 | 3°39 3°49 | 28°58 29° 5 | 8° 3 8° 0 | 15° 2 15° 4 | 1°39 1°39 | 21°15 21° 5 | 20° 1 19°58 | 22°53 22°59 | 15°36 15°38 | T 19 F 20 |
| S 21 | 8 0 4 8 4 0 | 29°45'00 0≈46'05 | 3 ≈ 11 18°28 | 10°31 | 17°23 18°40 | 24°40 25°27 | 3°58 | 29° 11 | 7°58 | 15° 4 15° 6 | 1°40 | 20°54 | 19°58 | 22°39 23° 6 | 15°38 15°39 | S 21 |
| | | | | | | | | | | | | | | | | |
| S 22 | 8 7 57 | 1°47'10 | 3 ∺ 30 | 11°51 | 19°55 | 26°14 | 4° 8 | 29°18 | 7°55 | 15° 9 | 1°40 | 20°44 | 19°51 | 23°13 | 15°41 | S 22 |
| M23 | 8 11 54 | 2°48'15 | 18° 8 | 13°12 | 21°10 | 27° 1 | 4°18 | 29°24 | 7°52 | 15°11 | 1°41 | 20°35 | 19°48 | 23°20 | 15°42 | M23 |
| T 24 | 8 15 50 | 3°49'20 | 2 Υ 17 | 14°34 | 22°26 | 27°48 | 4°27 | 29°31 | 7°50 | 15°13 | 1°41 | 20°29 | 19°45 | 23°26 | 15°44 | T 24 |
| W25 | 8 19 47 | 4°50'25 | 15°55 | 15°58 | 23°41 | 28°35 | 4°36 | 29°38 | 7°47 | 15°15 | 1°41 | 20°25 | 19°42 | 23°33 | 15°45 | W25 |
| T 26 | 8 23 43 | 5°51'30 | 29° 5 | 17°22 | 24°56 | 29°22 | 4°45 | 29°44 | 7°45 | 15°17 | 1°42 | 20°23 | 19°39 | 23°40 | 15°47 | T 26 |
| F 27 S 28 | 8 27 40 8 31 36 | 6°52'35 7°53'39 | 11 8 49 24°13 | 18°47 20°13 | 26°11 27°26 | 0 ∺ 9 0°56 | 4°54 5° 3 | 29°51 29°58 | 7°42 7°39 | 15°19 15°21 | 1°42 1°42 | 20°D23 20°R23 | 19°35 19°32 | 23°46 23°53 | 15°48 15°50 | F 27 S 28 |
| | | | | - | | | | | | - | | | | | | |
| S 29 | 8 35 33 | 8°54'43 | 6 Ⅱ 22 | 21°39 | 28°41 | 1°44 | 5°12 | 0 ∺ 5 | 7°37 | 15°24 | 1°42 | 20°22 | 19°29 | 24° 0 | 15°52 | S 29 |
| M30 | 8 39 29 | 9°55'47 | 18°20 | 23° 6 | 29°56 | 2°31 | 5°21 | 0°12 | 7°34 | 15°26 | 1°42 | 20°19 | 19°26 | 24° 6 | 15°54 | M30 |
| T 31 | 8 43 26 | 10≈56'51 | 09୍ତ13 | 24 궁 34 | 1 米 11 | 3 ∺ 18 | 5 ₹ 30 | 0 ∺ 18 | 7 Ω 32 | 15 る 28 | 1 M .43 | 20 M 13 | 19ML23 | 249613 | 15 Y 56 | T 31 |

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| W 1 | 8 47 23 | 11≈57'55 | 1299 3 | 26 궁 2 | 2) 26 | 4 ∺ 5 | 5 ₹ 38 | 0 ∺ 25 | 7°R29 | 15 る 30 | 1 M .43 | 20°R 4 | 19 M 20 | 249520 | 15 Y 57 | W 1 |
| T 2 | 8 51 19 | 12°58'58 | 23°53 | 27°31 | 3°41 | 4°53 | 5°46 | 0°32 | 7Ω 27 | 15°32 | 1°R43 | 19 M 53 | 19°16 | 24°27 | 15°59 | T 2 |
| F 3 | 8 55 16 | 14° 0'01 | 5 Ω 47 | 29° 1 | 4°56 | 5°40 | 5°55 | 0°39 | 7°24 | 15°34 | 1°43 | 19°39 | 19°13 | 24°33 | 16° 1 | F 3 |
| S 4 | 8 59 12 | 15° 1'03 | 17°44 | 0≈31 | 6°11 | 6°27 | 6° 3 | 0°46 | 7°21 | 15°36 | 1°43 | 19°24 | 19°10 | 24°40 | 16° 3 | S 4 |
| S 5 | 9 3 9 | 16° 2'06 | 29°46 | 2° 1 | 7°26 | 7°14 | 6°11 | 0°53 | 7°19 | 15°38 | 1°43 | 19° 9 | 19° 7 | 24°47 | 16° 5 | S 5 |
| M 6 | 9 7 5 | 17° 3'08 | 11 m 54 | 3°33 | 8°41 | 8° 2 | 6°19 | 1° 0 | 7°16 | 15°40 | 1°42 | 18°55 | 19° 4 | 24°53 | 16° 8 | M 6 |
| T 7 | 9 11 2 | 18° 4'10 | 24°10 | 5° 4 | 9°56 | 8°49 | 6°26 | 1° 7 | 7°14 | 15°42 | 1°42 | 18°44 | 19° 1 | 25° 0 | 16°10 | T 7 |
| W 8 | 9 14 58 | 19° 5'11 | 6 ₾ 35 | 6°36 | 11°11 | 9°36 | 6°34 | 1°14 | 7°11 | 15°44 | 1°42 | 18°36 | 18°57 | 25° 7 | 16°12 | W 8 |
| T 9 | 9 18 55 | 20° 6'13 | 19°10 | 8° 9 | 12°26 | 10°24 | 6°41 | 1°21 | 7° 9 | 15°46 | 1°42 | 18°31 | 18°54 | 25°14 | 16°14 | T 9 |
| F 10 | 9 22 52 | 21° 7'14 | 2 m 0 | 9°42 | 13°40 | 11°11 | 6°49 | 1°28 | 7° 6 | 15°48 | 1°42 | 18°29 | 18°51 | 25°20 | 16°17 | F 10 |
| S 11 | 9 26 48 | 22° 8'15 | 15° 7 | 11°16 | 14°55 | 11°59 | 6°56 | 1°35 | 7° 4 | 15°50 | 1°41 | 18°28 | 18°48 | 25°27 | 16°19 | S 11 |
| S 12 | 9 30 45 | 23° 9'16 | 28°33 | 12°50 | 16°10 | 12°46 | 7° 3 | 1°43 | 7° 1 | 15°52 | 1°41 | 18°28 | 18°45 | 25°34 | 16°21 | S 12 |
| M13 | 9 34 41 | 24°10'17 | 12 × 23 | 14°25 | 17°25 | 13°33 | 7°10 | 1°50 | 6°59 | 15°54 | 1°41 | 18°27 | 18°41 | 25°40 | 16°24 | M13 |
| T 14 | 9 38 38 | 25°11'18 | 26°37 | 16° 0 | 18°40 | 14°21 | 7°17 | 1°57 | 6°56 | 15°56 | 1°40 | 18°24 | 18°38 | 25°47 | 16°26 | T 14 |
| W15 | 9 42 34 | 26°12'18 | 11중14 | 17°36 | 19°54 | 15° 8 | 7°23 | 2° 4 | 6°54 | 15°57 | 1°40 | 18°19 | 18°35 | 25°54 | 16°29 | W15 |
| T 16 | 9 46 31 | 27°13'18 | 26°10 | 19°13 | 21° 9 | 15°56 | 7°30 | 2°11 | 6°52 | 15°59 | 1°39 | 18°10 | 18°32 | 26° 1 | 16°31 | T 16 |
| F 17 | 9 50 27 | 28°14'17 | 11≈18 | 20°50 | 22°24 | 16°43 | 7°36 | 2°18 | 6°49 | 16° 1 | 1°39 | 18° 0 | 18°29 | 26° 7 | 16°34 | F 17 |
| S 18 | 9 54 24 | 29°15'16 | 26°27 | 22°28 | 23°38 | 17°31 | 7°42 | 2°25 | 6°47 | 16° 3 | 1°38 | 17°48 | 18°26 | 26°14 | 16°36 | S 18 |
| S 19 | 9 58 21 | 0 ∺ 16'14 | 11 ∺ 26 | 24° 6 | 24°53 | 18°18 | 7°48 | 2°32 | 6°44 | 16° 5 | 1°38 | 17°37 | 18°22 | 26°21 | 16°39 | S 19 |
| M20 | 10 2 17 | 1°17'11 | 26° 7 | 25°45 | 26° 8 | 19° 6 | 7°54 | 2°40 | 6°42 | 16° 6 | 1°37 | 17°27 | 18°19 | 26°27 | 16°42 | M20 |
| T 21 | 10 6 14 | 2°18'07 | 10 Y 23 | 27°25 | 27°22 | 19°53 | 8° 0 | 2°47 | 6°40 | 16° 8 | 1°37 | 17°20 | 18°16 | 26°34 | 16°44 | T 21 |
| W22 | 10 10 10 | 3°19'02 | 24° 9 | 29° 6 | 28°37 | 20°41 | 8° 5 | 2°54 | 6°38 | 16°10 | 1°36 | 17°15 | 18°13 | 26°41 | 16°47 | W22 |
| T 23 | 10 14 7 | 4°19'56 | 7 8 26 | 0 ∺ 47 | 29°51 | 21°28 | 8°11 | 3° 1 | 6°35 | 16°11 | 1°35 | 17°13 | 18°10 | 26°48 | 16°50 | T 23 |
| F 24 | 10 18 3 | 5°20'49 | 20°17 | 2°28 | 1 Υ 6 | 22°16 | 8°16 | 3° 8 | 6°33 | 16°13 | 1°35 | 17°D13 | 18° 6 | 26°54 | 16°53 | F 24 |
| S 25 | 10 22 0 | 6°21'41 | 2 ∏ 45 | 4°11 | 2°20 | 23° 3 | 8°21 | 3°15 | 6°31 | 16°15 | 1°34 | 17°R13 | 18° 3 | 27° 1 | 16°56 | S 25 |
| S 26 | 10 25 56 | 7°22'31 | 14°56 | 5°54 | 3°35 | 23°51 | 8°26 | 3°22 | 6°29 | 16°16 | 1°33 | 17°13 | 18° 0 | 27° 8 | 16°58 | S 26 |
| M27 | 10 29 53 | 8°23'21 | 26°54 | 7°38 | 4°49 | 24°38 | 8°31 | 3°30 | 6°27 | 1 <u>6</u> °18 | 1°32 | 17°11 | 17°57 | 27°14 | 17° 1 | M27 |
| T 28 | 10 33 50 | 9 ∺ 24'09 | 89946 | 9 ∺ 23 | 6 Ƴ 3 | 25 米 26 | 8 ∡ ³35 | 3 ∺ 37 | 6Ω 25 | 16 ට 19 | 1 M .31 | 17 M 7 | 17 M 54 | 279521 | 17 Y 4 | T 28 |

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| W 1 | 10 37 46 | 10 ¥ 24'55 | 20936 | 11 米 8 | 7 Υ 18 | 26 米 13 | 8 ₮ 40 | 3) €44 | 6°R23 | 16 ට 21 | 1°R31 | 17°R 0 | 17 M 51 | 279528 | 17 ℃ 7 | W 1 |
| T 2 | 10 41 43 | 11°25'41 | 2 Ω 28 | 12°54 | 8°32 | 27° 0 | 8°44 | 3°51 | $6\Omega 21$ | 16°22 | 1 M .30 | 16ML51 | 17°47 | 27°35 | 17°10 | T 2 |
| F 3 | 10 45 39 | 12°26'25 | 14°24 | 14°41 | 9°46 | 27°48 | 8°48 | 3°58 | 6°19 | 16°24 | 1°29 | 16°39 | 17°44 | 27°41 | 17°13 | F 3 |
| S 4 | 10 49 36 | 13°27'07 | 26°27 | 16°28 | 11° 0 | 28°35 | 8°52 | 4° 5 | 6°17 | 16°25 | 1°28 | 16°27 | 17°41 | 27°48 | 17°16 | S 4 |
| S 5 | 10 53 32 | 14°27'49 | 8 m 39 | 18°17 | 12°14 | 29°23 | 8°56 | 4°12 | 6°15 | 16°27 | 1°27 | 16°15 | 17°38 | 27°55 | 17°19 | S 5 |
| M 6 | 10 57 29 | 15°28'29 | 21° 0 | 20° 5 | 13°28 | 0 Υ 10 | 8°59 | 4°19 | 6°13 | 16°28 | 1°26 | 16° 3 | 17°35 | 28° 1 | 17°23 | M 6 |
| T 7 | 11 1 25 | 16°29'08 | 3 ₾ 30 | 21°54 | 14°43 | 0°58 | 9° 3 | 4°26 | 6°11 | 16°29 | 1°25 | 15°54 | 17°32 | 28° 8 | 17°26 | T 7 |
| W 8 | 11 5 22 | 17°29'46 | 16°11 | 23°44 | 15°57 | 1°45 | 9° 6 | 4°33 | 6°10 | 16°31 | 1°24 | 15°48 | 17°28 | 28°15 | 17°29 | W 8 |
| T 9 F 10 | 11 9 18 | 18°30'22 | 29° 3 | 25°34 27°24 | 17°10 18°24 | 2°32 | 9° 9 | 4°40 4°47 | 6° 8 6° 6 | 16°32 16°33 | 1°23 1°21 | 15°44 15°D42 | 17°25 17°22 | 28°22 | 17°32 17°35 | T 9 F 10 |
| S 11 | 11 13 15 11 17 12 | 19°30'58 20°31'33 | 12 M 6 25°22 | 29°15 | 18°24 19°38 | 3°20 4° 7 | 9°12 9°14 | 4°54 | 6° 4 | 16°35 | 1°21 | 15°43 | 17°22 17°19 | 28°28 28°35 | 17°33 | S 11 |
| | | | | | | | - | - | | | | | | | | |
| S 12 | 11 21 8 | 21°32'06 | 8 ₹ 53 | 1 Υ 5 | 20°52 | 4°55 | 9°17 | 5° 1 | 6° 3 | 16°36 | 1°19 | 15°43 | 17°16 | 28°42 | 17°42 | S 12 |
| M13 | 11 25 5 | 22°32'38 | 22°39 | 2°55 | 22° 6 | 5°42 | 9°19 | 5° 8 | 6° 1 | 16°37 | 1°18 | 15°R44 | 17°12 | 28°48 | 17°45 | M13 |
| T 14 | 11 29 1 | 23°33'10 | 6 궁 42 | 4°45 | 23°20 | 6°29 | 9°21 | 5°15 | 6° 0 | 16°38 | 1°17 | 15°43 | 17° 9 | 28°55 | 17°48 | T 14 |
| W15 T 16 | 11 32 58 11 36 54 | 24°33'40 25°34'09 | 21° 2 5 ≈ 34 | 6°34 8°22 | 24°33 25°47 | 7°17 8° 4 | 9°23 9°25 | 5°22 5°29 | 5°58 5°57 | 16°39 16°40 | 1°16 1°14 | 15°40 15°35 | 17° 6 17° 3 | 29° 2 29° 9 | 17°51 17°55 | W15 T 16 |
| F 17 | 11 40 51 | 25°34'36 | 20°16 | 10° 8 | 23 47 27° 0 | 8°51 | 9°27 | 5°36 | 5°55 | 16°41 | 1°13 | 15°29 | 17° 0 | 29°15 | 17°58 | F 17 |
| S 18 | 11 40 31 | 20°34'30 27°35'03 | 5) 1 | 11°52 | 28°14 | 9°39 | 9°28 | 5°43 | 5°54 | 16°42 | 1°12 | 15°21 | 16°57 | 29°22 | 17 38 18° 2 | S 18 |
| | | | | | | | | | | - | | | | | | |
| S 19 | 11 48 44 | 28°35'28 | 19°40 | 13°35 | 29°27 | 10°26 | 9°29 | 5°50 | 5°53 | 16°43 | 1°10 1° 9 | 15°13 | 16°53 | 29°29 | 18° 5 | S 19 |
| M20 T 21 | 11 52 41 | 29°35'51 0 ° 36'13 | 4 Υ 6 18°12 | 15°14 16°50 | 0 8 41 1°54 | 11°13 12° 0 | 9°30 9°31 | 5°56 6° 3 | 5°52 5°50 | 16°44 16°45 | 1° 9 | 15° 6 15° 1 | 16°50 16°47 | 29°35 29°42 | 18° 8 18°12 | M20 T 21 |
| W22 | 11 56 37 12 0 34 | 1°36'33 | 18-12 1 8 56 | 18°22 | 3° 8 | 12°48 | 9°31 9°32 | 6°10 | 5°49 | 16°45 | 1° 6 | 13° 1 14°59 | 16°47 | 29°42 29°49 | 18°12 18°15 | W22 |
| T 23 | 12 4 30 | 2°36'51 | 15°14 | 19°50 | 4°21 | 13°35 | 9°32 | 6°17 | 5°48 | 16°47 | 1° 5 | 14°D58 | 16°41 | 29°56 | 18°19 | T 23 |
| F 24 | 12 8 27 | 3°37'08 | 28° 8 | 21°12 | 5°34 | 14°22 | 9°32 | 6°23 | 5°47 | 16°48 | 1° 4 | 14°58 | 16°38 | $0\Omega^{2}$ | 18°22 | F 24 |
| S 25 | 12 12 23 | 4°37'22 | 10 Ⅱ 41 | 22°29 | 6°47 | 15° 9 | 9°R32 | 6°30 | 5°46 | 16°49 | 1° 2 | 15° 0 | 16°34 | 0° 9 | 18°25 | S 25 |
| S 26 | 12 16 20 | 5°37'35 | 22°56 | 23°40 | 8° 0 | 15°56 | 9°32 | 6°36 | 5°45 | 16°50 | 1° 1 | 15° 1 | 16°31 | 0°16 | 18°29 | S 26 |
| M27 | 12 20 16 | 6°37'46 | 4959 | 24°44 | 9°13 | 16°43 | 9°32 | 6°43 | 5°44 | 16°50 | 0°59 | 15°R 2 | 16°28 | 0°22 | 18°32 | M27 |
| T 28 | 12 24 13 | 7°37'55 | 16°53 | 25°40 | 10°26 | 17°30 | 9°32 | 6°49 | 5°43 | 16°51 | 0°58 | 15° 2 | 16°25 | 0°29 | 18°36 | T 28 |
| W29 | 12 28 10 | 8°38'01 | 28°44 | 26°29 | 11°39 | 18°17 | 9°31 | 6°56 | 5°43 | 16°52 | 0°56 | 15° 0 | 16°22 | 0°36 | 18°39 | W29 |
| T 30 | 12 32 6 | 9°38'06 | 10€38 | 27° 9 | 12°52 | 19° 4 | 9°30 | 7° 2 | 5°42 | 1 <u>6</u> °52 | 0°55 | 14°56 | 16°18 | 0°43 | 18°43 | T 30 |
| F 31 | 12 36 3 | 10 ° 38'09 | 22 N 37 | 27 Y 41 | 14 8 5 | 19 Y 51 | 9 ∡ 129 | 7 ∺ 9 | 5 Ω 41 | 16 පි 53 | 0 M 53 | 14 M 51 | 16 M .15 | 0 Ω 49 | 18 Y 46 | F 31 |

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| S 1 | 12 39 59 | 11 Y 38'10 | 4 Mp 45 | 28 Y 4 | 15 8 17 | 20 Y 38 | 9°R28 | 7 ∺ 15 | 5°R40 | 16 පි 54 | 0°R52 | 14°R45 | 16 M 12 | 0 Ω 56 | 18 Y 50 | S 1 |
| S 2 | 12 43 56 | 12°38'09 | 17° 5 | 28°18 | 16°30 | 21°25 | 9 ∡ 126 | 7°21 | 5 Ω 40 | 16°54 | 0 M .50 | 14 M .39 | 16° 9 | 1° 3 | 18°53 | S 2 |
| M 3 | 12 47 52 | 13°38'05 | 29°38 | 28°R23 | 17°42 | 22°12 | 9°25 | 7°28 | 5°39 | 16°55 | 0°48 | 14°34 | 16° 6 | 1° 9 | 18°57 | M 3 |
| T 4 | 12 51 49 | 14°38'00 | 12 ≏ 25 | 28°19 | 18°55 | 22°59 | 9°23 | 7°34 | 5°39 | 16°55 | 0°47 | 14°29 | 16° 3 | 1°16 | 19° 0 | T 4 |
| W 5 | 12 55 45 | 15°37'53 | 25°26 | 28° 7 | 20° 7 | 23°46 | 9°21 | 7°40 | 5°38 | 16°56 | 0°45 | 14°27 | 15°59 | 1°23 | 19° 4 | W 5 |
| T 6 | 12 59 42 | 16°37'45 | 8 M .40 | 27°47 | 21°19 | 24°33 | 9°19 | 7°46 | 5°38 | 16°56 | 0°44 | 14°D25 | 15°56 | 1°30 | 19°8 | T 6 |
| F 7 | 13 3 38 | 17°37'34 | 22° 7 | 27°19 | 22°32 | 25°20 | 9°16 | 7°52 | 5°38 | 16°56 | 0°42 | 14°25 | 15°53 | 1°36 | 19°11 | F 7 |
| S 8 | 13 7 35 | 18°37'22 | 5 √ 45 | 26°44 | 23°44 | 26° 6 | 9°14 | 7°58 | 5°37 | 16°57 | 0°40 | 14°26 | 15°50 | 1°43 | 19°15 | S 8 |
| S 9 | 13 11 32 | 19°37'09 | 19°33 | 26° 3 | 24°56 | 26°53 | 9°11 | 8° 4 | 5°37 | 16°57 | 0°39 | 14°28 | 15°47 | 1°50 | 19°18 | S 9 |
| M10 | 13 15 28 | 20°36'54 | 3 る 30 | 25°17 | 26° 8 | 27°40 | 9° 8 | 8°10 | 5°37 | 16°57 | 0°37 | 14°29 | 15°43 | 1°56 | 19°22 | M10 |
| T 11 | 13 19 25 | 21°36'37 | 17°35 | 24°27 | 27°20 | 28°26 | 9° 5 | 8°16 | 5°37 | 16°58 | 0°36 | 14°R30 | 15°40 | 2° 3 | 19°25 | T 11 |
| W12 | 13 23 21 | 22°36'18 | 1≈47 | 23°35 | 28°32 | 29°13 | 9° 2 | 8°22 | 5°37 | 16°58 | 0°34 | 14°30 | 15°37 | 2°10 | 19°29 | W12 |
| T 13 | 13 27 18 | 23°35'58 | 16° 3 | 22°41 | 29°43 | 29°59 | 8°59 | 8°27 | 5°D37 | 16°58 | 0°32 | 14°29 | 15°34 | 2°17 | 19°32 | T 13 |
| F 14 | 13 31 14 | 24°35'37 | 0 ∺ 21 | 21°46 | 0 Ⅱ 55 | 0 8 46 | 8°55 | 8°33 | 5°37 | 16°58 | 0°31 | 14°27 | 15°31 | 2°23 | 19°36 | F 14 |
| S 15 | 13 35 11 | 25°35'13 | 14°36 | 20°52 | 2° 6 | 1°33 | 8°51 | 8°39 | 5°37 | 16°58 | 0°29 | 14°24 | 15°28 | 2°30 | 19°39 | S 15 |
| S 16 | 13 39 7 | 26°34'48 | 28°46 | 20° 0 | 3°18 | 2°19 | 8°47 | 8°44 | 5°37 | 16°58 | 0°27 | 14°21 | 15°24 | 2°37 | 19°43 | S 16 |
| M17 | 13 43 4 | 27°34'21 | 12 Y 45 | 19°11 | 4°29 | 3° 6 | 8°43 | 8°50 | 5°37 | 16°58 | 0°26 | 14°19 | 15°21 | 2°43 | 19°46 | M17 |
| T 18 | 13 47 1 | 28°33'52 | 26°29 | 18°25 | 5°41 | 3°52 | 8°39 | 8°55 | 5°38 | 16°R58 | 0°24 | 14°18 | 15°18 | 2°50 | 19°50 | T 18 |
| W19 | 13 50 57 | 29°33'21 | 9 8 57 | 17°43 | 6°52 | 4°38 | 8°35 | 9° 1 | 5°38 | 16°58 | 0°22 | 14°D17 | 15°15 | 2°57 | 19°53 | W19 |
| T 20 | 13 54 54 | 0 8 32'49 | 23° 5 | 17° 7 | 8° 3 | 5°25 | 8°30 | 9° 6 | 5°38 | 16°58 | 0°21 | 14°17 | 15°12 | 3° 4 | 19°57 | T 20 |
| F 21 | 13 58 50 | 1°32'14 | 5 Ⅱ 55 | 16°35 | 9°14 | 6°11 | 8°25 | 9°11 | 5°39 | 16°58 | 0°19 | 14°18 | 15° 9 | 3°10 | 20° 0 | F 21 |
| S 22 | 14 2 47 | 2°31'37 | 18°27 | 16° 9 | 10°25 | 6°57 | 8°20 | 9°17 | 5°39 | 16°58 | 0°17 | 14°19 | 15° 5 | 3°17 | 20° 4 | S 22 |
| S 23 | 14 6 43 | 3°30'58 | 0ණ43 | 15°48 | 11°36 | 7°43 | 8°15 | 9°22 | 5°40 | 16°58 | 0°16 | 14°20 | 15° 2 | 3°24 | 20° 7 | S 23 |
| M24 | 14 10 40 | 4°30'17 | 12°47 | 15°34 | 12°46 | 8°30 | 8°10 | 9°27 | 5°40 | 16°58 | 0°14 | 14°21 | 14°59 | 3°31 | 20°11 | M24 |
| T 25 | 14 14 36 | 5°29'34 | 24°44 | 15°25 | 13°57 | 9°16 | 8° 5 | 9°32 | 5°41 | 16°58 | 0°12 | 14°22 | 14°56 | 3°37 | 20°14 | T 25 |
| W26 | 14 18 33 | 6°28'48 | 6 Ω 37 | 15°D21 | 15° 8 | 10° 2 | 7°59 | 9°37 | 5°42 | 16°57 | 0°11 | 14°R22 | 14°53 | 3°44 | 20°18 | W26 |
| T 27 | 14 22 30 | 7°28'00 | 18°31 | 15°23 | 16°18 | 10°48 | 7°54 | 9°42 | 5°42 | 16°57 | 0° 9 | 14°22 | 14°49 | 3°51 | 20°21 | T 27 |
| F 28 | 14 26 26 | 8°27'10 | 0 m /31 | 15°31 | 17°28 | 11°34 | 7°48 | 9°47 | 5°43 | 16°57 | 0° 7 | 14°21 | 14°46 | 3°57 | 20°25 | F 28 |
| S 29 | 14 30 23 | 9°26'18 | 12°41 | 15°44 | 18°38 | 12°20 | 7°42 | 9°51 | 5°44 | 16°56 | 0° 6 | 14°21 | 14°43 | 4° 4 | 20°28 | S 29 |
| S 30 | 14 34 19 | 10825'23 | 25 m 5 | 16 Y 1 | 19 Ⅱ 48 | 13 8 6 | 7 .₹ 36 | 9 ∺ 56 | 5 Ω 45 | 16 පි 56 | OM 4 | 14 M 20 | 14 M 40 | 4 Ω 11 | 20 Y 31 | S 30 |

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|------|----------|-------------------|----------------|----------------|--------|----------------|-----------------|------------------|---------------|----------------|----------------|--------|----------------|---------------|----------------|------|
| M 1 | 14 38 16 | 11824'26 | 7 ≏ 45 | 16 Y 24 | 20耳58 | 13 8 52 | 7°R30 | 10 ∺ 1 | 5 Ω 46 | 16°R56 | 0°R 2 | 14°R20 | 14 M 37 | 4 Ω 18 | 20 Y 35 | M 1 |
| T 2 | 14 42 12 | 12°23'27 | 20°44 | 16°51 | 22° 8 | 14°38 | 7 .₹ 124 | 10° 5 | 5°47 | 16 궁 55 | OM 1 | 14ML20 | 14°34 | 4°24 | 20°38 | T 2 |
| W 3 | 14 46 9 | 13°22'26 | 4M 3 | 17°22 | 23°18 | 15°23 | 7°18 | 10°10 | 5°48 | 16°55 | 29 ≙ 59 | 14°19 | 14°30 | 4°31 | 20°41 | W 3 |
| T 4 | 14 50 5 | 14°21'24 | 17°40 | 17°58 | 24°27 | 16° 9 | 7°11 | 10°14 | 5°49 | 16°54 | 29°57 | 14°19 | 14°27 | 4°38 | 20°45 | T 4 |
| F 5 | 14 54 2 | 15°20'19 | 1 ∡ 33 | 18°37 | 25°37 | 16°55 | 7° 5 | 10°18 | 5°50 | 16°54 | 29°56 | 14°19 | 14°24 | 4°44 | 20°48 | F 5 |
| S 6 | 14 57 58 | 16°19'12 | 15°39 | 19°21 | 26°46 | 17°40 | 6°58 | 10°22 | 5°51 | 16°53 | 29°54 | 14°19 | 14°21 | 4°51 | 20°51 | S 6 |
| S 7 | 15 1 55 | 17°18'04 | 29°53 | 20° 8 | 27°55 | 18°26 | 6°51 | 10°27 | 5°53 | 16°52 | 29°53 | 14°19 | 14°18 | 4°58 | 20°55 | S 7 |
| M 8 | 15 5 52 | 18°16'54 | 14 ට 13 | 20°58 | 29° 4 | 19°12 | 6°44 | 10°31 | 5°54 | 16°52 | 29°51 | 14°19 | 14°15 | 5° 5 | 20°58 | M 8 |
| T 9 | 15 9 48 | 19°15'43 | 28°34 | 21°51 | 0ණ13 | 19°57 | 6°37 | 10°35 | 5°55 | 16°51 | 29°50 | 14°18 | 14°11 | 5°11 | 21° 1 | T 9 |
| W10 | 15 13 45 | 20°14'29 | 12 ≈ 51 | 22°48 | 1°22 | 20°43 | 6°30 | 10°39 | 5°57 | 16°50 | 29°48 | 14°18 | 14° 8 | 5°18 | 21° 4 | W10 |
| T 11 | 15 17 41 | 21°13'14 | 27° 3 | 23°47 | 2°30 | 21°28 | 6°23 | 10°42 | 5°58 | 16°50 | 29°46 | 14°D18 | 14° 5 | 5°25 | 21° 7 | T 11 |
| F 12 | 15 21 38 | 22°11'58 | 11 米 6 | 24°49 | 3°39 | 22°13 | 6°16 | 10°46 | 6° 0 | 16°49 | 29°45 | 14°18 | 14° 2 | 5°31 | 21°11 | F 12 |
| S 13 | 15 25 34 | 23°10'40 | 25° 0 | 25°54 | 4°47 | 22°59 | 6° 9 | 10°50 | 6° 1 | 16°48 | 29°43 | 14°19 | 13°59 | 5°38 | 21°14 | S 13 |
| S 14 | 15 29 31 | 24° 9'20 | 8 Ƴ 43 | 27° 2 | 5°55 | 23°44 | 6° 2 | 10°53 | 6° 3 | 16°47 | 29°42 | 14°20 | 13°55 | 5°45 | 21°17 | S 14 |
| M15 | 15 33 27 | 25° 7'58 | 22°14 | 28°12 | 7° 3 | 24°29 | 5°54 | 10°57 | 6° 5 | 16°47 | 29°40 | 14°21 | 13°52 | 5°52 | 21°20 | M15 |
| T 16 | 15 37 24 | 26° 6'35 | 5 8 32 | 29°24 | 8°11 | 25°14 | 5°47 | 11° 0 | 6° 6 | 16°46 | 29°39 | 14°21 | 13°49 | 5°58 | 21°23 | T 16 |
| W17 | 15 41 21 | 27° 5'10 | 18°36 | 0 8 38 | 9°19 | 26° 0 | 5°39 | 11° 4 | 6° 8 | 16°45 | 29°38 | 14°R21 | 13°46 | 6° 5 | 21°26 | W17 |
| T 18 | 15 45 17 | 28° 3'44 | 1 Ⅱ 27 | 1°55 | 10°26 | 26°45 | 5°32 | 11° 7 | 6°10 | 16°44 | 29°36 | 14°21 | 13°43 | 6°12 | 21°29 | T 18 |
| F 19 | 15 49 14 | 29° 2'16 | 14° 4 | 3°14 | 11°34 | 27°30 | 5°24 | 11°10 | 6°12 | 16°43 | 29°35 | 14°19 | 13°40 | 6°19 | 21°32 | F 19 |
| S 20 | 15 53 10 | 0 Ⅱ 0'45 | 26°28 | 4°36 | 12°41 | 28°15 | 5°17 | 11°13 | 6°13 | 16°42 | 29°33 | 14°17 | 13°36 | 6°25 | 21°35 | S 20 |
| S 21 | 15 57 7 | 0°59'13 | 8 9 41 | 5°59 | 13°48 | 29° 0 | 5° 9 | 11°16 | 6°15 | 16°41 | 29°32 | 14°15 | 13°33 | 6°32 | 21°38 | S 21 |
| M22 | 16 1 3 | 1°57'39 | 20°44 | 7°24 | 14°55 | 29°45 | 5° 1 | 11°19 | 6°17 | 16°40 | 29°31 | 14°12 | 13°30 | 6°39 | 21°41 | M22 |
| T 23 | 16 5 0 | 2°56'03 | $2\Omega 40$ | 8°51 | 16° 1 | 0П29 | 4°54 | 11°22 | 6°19 | 16°39 | 29°29 | 14°10 | 13°27 | 6°45 | 21°43 | T 23 |
| W24 | 16 8 56 | 3°54'25 | 14°32 | 10°21 | 17° 8 | 1°14 | 4°46 | 11°25 | 6°21 | 16°38 | 29°28 | 14° 8 | 13°24 | 6°52 | 21°46 | W24 |
| T 25 | 16 12 53 | 4°52'45 | 26°26 | 11°52 | 18°14 | 1°59 | 4°38 | 11°27 | 6°24 | 16°37 | 29°27 | 14° 7 | 13°21 | 6°59 | 21°49 | T 25 |
| F 26 | 16 16 50 | 5°51'03 | 8 m 24 | 13°25 | 19°20 | 2°44 | 4°31 | 11°30 | 6°26 | 16°36 | 29°25 | 14°D 6 | 13°17 | 7° 6 | 21°52 | F 26 |
| S 27 | 16 20 46 | 6°49'19 | 20°33 | 15° 0 | 20°26 | 3°28 | 4°23 | 11°32 | 6°28 | 16°35 | 29°24 | 14° 7 | 13°14 | 7°12 | 21°55 | S 27 |
| S 28 | 16 24 43 | 7°47'33 | 2 ≏ 56 | 16°37 | 21°32 | 4°13 | 4°16 | 11°35 | 6°30 | 16°34 | 29°23 | 14° 8 | 13°11 | 7°19 | 21°57 | S 28 |
| M29 | 16 28 39 | 8°45'45 | 15°38 | 18°16 | 22°37 | 4°57 | 4° 8 | 11°37 | 6°32 | 16°32 | 29°22 | 14°10 | 13° 8 | 7°26 | 22° 0 | M29 |
| T 30 | 16 32 36 | 9°43'55 | 28°41 | 19°57 | 23°42 | 5°42 | 4° 0 | 11°39 | 6°35 | 1 <u>6</u> °31 | 29°21 | 14°11 | 13° 5 | 7°32 | 22° 3 | T 30 |
| W31 | 16 36 32 | 10 Ⅱ 42'04 | 12 M 9 | 21 8 39 | 249547 | 6 Ⅱ 26 | 3 ₹ 53 | 11) (41 | 6 Ω 37 | 16 궁 30 | 29 ≏ 19 | 14°R12 | 13 M 1 | 7 Ω 39 | 22 Y 5 | W31 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)ţ(| ħ | В | u | v | Ç | ę, | Day |
|------|----------|--------------------|----------------|---------------|----------------|----------------|---------------|------------------|---------------|----------------|----------------|-----------------|----------------|---------------|---------------|------|
| T 1 | 16 40 29 | 11 II 40'10 | 26M 1 | 23824 | 25952 | 7 Ⅱ 11 | 3°R45 | 11) (43 | 6 Ω 39 | 16°R29 | 29°R18 | 14°R12 | 12 M 58 | 7 Ω 46 | 22 Y 8 | T 1 |
| F 2 | 16 44 25 | 12°38'15 | 10 ∡ 15 | 25°11 | 26°56 | 7°55 | 3 ₹ 38 | 11°45 | 6°42 | 16 궁 27 | 29 ≏ 17 | 14 M .10 | 12°55 | 7°53 | 22°10 | F 2 |
| S 3 | 16 48 22 | 13°36'19 | 24°47 | 26°59 | 28° 0 | 8°39 | 3°30 | 11°47 | 6°44 | 16°26 | 29°16 | 14° 7 | 12°52 | 7°59 | 22°13 | S 3 |
| S 4 | 16 52 19 | 14°34'21 | 9 ට 30 | 28°50 | 29° 4 | 9°23 | 3°23 | 11°49 | 6°47 | 16°25 | 29°15 | 14° 3 | 12°49 | 8° 6 | 22°15 | S 4 |
| M 5 | 16 56 15 | 15°32'22 | 24°17 | 0 Ⅱ 42 | 0 N 8 | 10°8 | 3°15 | 11°50 | 6°49 | 16°24 | 29°14 | 13°58 | 12°46 | 8°13 | 22°18 | M 5 |
| T 6 | 17 0 12 | 16°30'21 | 9≈ 0 | 2°36 | 1°11 | 10°52 | 3° 8 | 11°52 | 6°52 | 16°22 | 29°13 | 13°54 | 12°42 | 8°20 | 22°20 | T 6 |
| W 7 | 17 4 8 | 17°28'19 | 23°34 | 4°33 | 2°14 | 11°36 | 3° 1 | 11°53 | 6°55 | 16°21 | 29°12 | 13°51 | 12°39 | 8°26 | 22°22 | W 7 |
| T 8 | 17 8 5 | 18°26'15 | 7) €53 | 6°31 | 3°17 | 12°20 | 2°54 | 11°54 | 6°57 | 16°20 | 29°11 | 13°49 | 12°36 | 8°33 | 22°25 | T 8 |
| F 9 | 17 12 1 | 19°24'11 | 21°54 | 8°31 | 4°20 | 13° 4 | 2°47 | 11°56 | 7° 0 | 16°18 | 29°10 | 13°D49 | 12°33 | 8°40 | 22°27 | F 9 |
| S 10 | 17 15 58 | 20°22'05 | 5 Ƴ 38 | 10°33 | 5°22 | 13°48 | 2°40 | 11°57 | 7° 3 | 16°17 | 29° 9 | 13°49 | 12°30 | 8°46 | 22°29 | S 10 |
| S 11 | 17 19 55 | 21°19'59 | 19° 4 | 12°36 | 6°24 | 14°31 | 2°33 | 11°58 | 7° 5 | 16°15 | 29° 8 | 13°51 | 12°26 | 8°53 | 22°31 | S 11 |
| M12 | 17 23 51 | 22°17'51 | 2814 | 14°41 | 7°25 | 15°15 | 2°26 | 11°59 | 7° 8 | 16°14 | 29° 7 | 13°52 | 12°23 | 9° 0 | 22°33 | M12 |
| T 13 | 17 27 48 | 23°15'42 | 15°10 | 16°48 | 8°27 | 15°59 | 2°19 | 12° 0 | 7°11 | 16°12 | 29° 7 | 13°R53 | 12°20 | 9° 7 | 22°35 | T 13 |
| W14 | 17 31 44 | 24°13'32 | 27°53 | 18°56 | 9°28 | 16°43 | 2°12 | 12° 0 | 7°14 | 16°11 | 29° 6 | 13°52 | 12°17 | 9°13 | 22°37 | W14 |
| T 15 | 17 35 41 | 25°11'21 | 10Ⅱ25 | 21° 5 | 10°28 | 17°26 | 2° 6 | 12° 1 | 7°17 | 16° 9 | 29° 5 | 13°49 | 12°14 | 9°20 | 22°39 | T 15 |
| F 16 | 17 39 37 | 26° 9'08 | 22°47 | 23°16 | 11°28 | 18°10 | 1°59 | 12° 1 | 7°20 | 16° 8 | 29° 4 | 13°44 | 12°11 | 9°27 | 22°41 | F 16 |
| S 17 | 17 43 34 | 27° 6'55 | 4959 | 25°27 | 12°28 | 18°54 | 1°53 | 12° 2 | 7°23 | 16° 7 | 29° 4 | 13°37 | 12° 7 | 9°34 | 22°43 | S 17 |
| S 18 | 17 47 30 | 28° 4'40 | 17° 4 | 27°39 | 13°28 | 19°37 | 1°47 | 12° 2 | 7°26 | 16° 5 | 29° 3 | 13°29 | 12° 4 | 9°40 | 22°45 | S 18 |
| M19 | 17 51 27 | 29° 2'23 | 29° 3 | 29°51 | 14°27 | 20°20 | 1°40 | 12° 3 | 7°29 | 16° 3 | 29° 2 | 13°21 | 12° 1 | 9°47 | 22°47 | M19 |
| T 20 | 17 55 24 | 050 0,06 | 10 Ω 57 | 299 3 | 15°26 | 21° 4 | 1°34 | 12° 3 | 7°32 | 16° 2 | 29° 2 | 13°12 | 11°58 | 9°54 | 22°49 | T 20 |
| W21 | 17 59 20 | 0°57'47 | 22°48 | 4°15 | 16°24 | 21°47 | 1°28 | 12°R 3 | 7°35 | 16° 0 | 29° 1 | 13° 5 | 11°55 | 10° 0 | 22°51 | W21 |
| T 22 | 18 3 17 | 1°55'26 | 4 m 41 | 6°26 | 17°22 | 22°30 | 1°23 | 12° 3 | 7°38 | 15°59 | 29° 1 | 13° 0 | 11°52 | 10° 7 | 22°52 | T 22 |
| F 23 | 18 7 13 | 2°53'05 | 16°38 | 8°37 | 18°19 | 23°14 | 1°17 | 12° 3 | 7°41 | 15°57 | 29° 0 | 12°56 | 11°48 | 10°14 | 22°54 | F 23 |
| S 24 | 18 11 10 | 3°50'41 | 28°44 | 10°47 | 19°16 | 23°57 | 1°11 | 12° 2 | 7°44 | 15°56 | 29° 0 | 12°D55 | 11°45 | 10°21 | 22°56 | S 24 |
| S 25 | 18 15 6 | 4°48'17 | 11 ♀ 4 | 12°55 | 20°12 | 24°40 | 1° 6 | 12° 2 | 7°47 | 15°54 | 28°59 | 12°55 | 11°42 | 10°27 | 22°57 | S 25 |
| M26 | 18 19 3 | 5°45'51 | 23°42 | 15° 2 | 21° 8 | 25°23 | 1° 1 | 12° 1 | 7°50 | 15°53 | 28°59 | 12°56 | 11°39 | 10°34 | 22°59 | M26 |
| T 27 | 18 22 59 | 6°43'24 | 6 M .43 | 17° 7 | 22° 4 | 26° 6 | 0°56 | 12° 1 | 7°54 | 15°51 | 28°58 | 12°R57 | 11°36 | 10°41 | 23° 0 | T 27 |
| W28 | 18 26 56 | 7°40'56 | 20°11 | 19°11 | 22°59 | 26°49 | 0°51 | 12° 0 | 7°57 | 15°49 | 28°58 | 12°57 | 11°32 | 10°47 | 23° 2 | W28 |
| T 29 | 18 30 53 | 8°38'27 | 4 才 7 | 21°12 | 23°53 | 27°32 | 0°46 | 12° 0 | 8° 0 | 15°48 | 28°58 | 12°55 | 11°29 | 10°54 | 23° 3 | T 29 |
| F 30 | 18 34 49 | 9935'56 | 18 ∡ 30 | 239511 | 24 Ω 47 | 28 Ⅱ 15 | 0 ∡ 41 | 11 米 59 | 8 N 3 | 15 る 46 | 28 ≏ 57 | 12 M 51 | 11 M 26 | 11 0 1 | 23 ° 4 | F 30 |

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|------|----------|------------------|----------------|----------------|-----------------|-----------------|----------------|------------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|------|
| S 1 | 18 38 46 | 10933'25 | 3 ਰ 17 | 259 8 | 25 Ω 40 | 28 II 57 | 0°R37 | 11°R58 | 8 N 7 | 15°R45 | 28°R57 | 12°R44 | 11 M 23 | 11 0 8 | 23 Y 6 | S 1 |
| S 2 | 18 42 42 | 11°30'52 | 18°20 | 27° 3 | 26°32 | 29°40 | 0 ∡ 32 | 11 米 57 | 8°10 | 15 る 43 | 28 ≏ 57 | 12 M .36 | 11°20 | 11°14 | 23° 7 | S 2 |
| M 3 | 18 46 39 | 12°28'19 | 3≈30 | 28°55 | 27°24 | 0923 | 0°28 | 11°56 | 8°13 | 15°41 | 28°57 | 12°28 | 11°17 | 11°21 | 23° 8 | M 3 |
| T 4 | 18 50 35 | 13°25'45 | 18°36 | 0 Ω 45 | 28°15 | 1° 5 | 0°24 | 11°55 | 8°17 | 15°40 | 28°56 | 12°19 | 11°13 | 11°28 | 23° 9 | T 4 |
| W 5 | 18 54 32 | 14°23'10 | 3 ∺ 29 | 2°32 | 29° 6 | 1°48 | 0°20 | 11°53 | 8°20 | 15°38 | 28°56 | 12°12 | 11°10 | 11°35 | 23°10 | W 5 |
| T 6 | 18 58 28 | 15°20'35 | 18° 2 | 4°17 | 29°56 | 2°30 | 0°17 | 11°52 | 8°23 | 15°36 | 28°56 | 12° 7 | 11° 7 | 11°41 | 23°11 | T 6 |
| F 7 | 19 2 25 | 16°18'00 | 2 Υ 10 | 6° 0 | 0 m 45 | 3°13 | 0°13 | 11°50 | 8°27 | 15°35 | 28°56 | 12° 4 | 11° 4 | 11°48 | 23°12 | F 7 |
| S 8 | 19 6 22 | 17°15'24 | 15°54 | 7°39 | 1°33 | 3°55 | 0°10 | 11°49 | 8°30 | 15°33 | 28°56 | 12°D 4 | 11° 1 | 11°55 | 23°13 | S 8 |
| S 9 | 19 10 18 | 18°12'47 | 29°15 | 9°17 | 2°21 | 4°38 | 0° 7 | 11°47 | 8°34 | 15°32 | 28°D56 | 12° 4 | 10°58 | 12° 1 | 23°14 | S 9 |
| M10 | 19 14 15 | 19°10'10 | 12815 | 10°52 | 3° 8 | 5°20 | 0° 4 | 11°45 | 8°37 | 15°30 | 28°56 | 12°R 4 | 10°54 | 12° 8 | 23°15 | M10 |
| T 11 | 19 18 11 | 20° 7'33 | 24°57 | 12°24 | 3°54 | 6° 2 | 0° 1 | 11°44 | 8°41 | 15°28 | 28°56 | 12° 3 | 10°51 | 12°15 | 23°16 | T 11 |
| W12 | 19 22 8 | 21° 4'56 | 7 Ⅱ 26 | 13°53 | 4°39 | 6°44 | 29M58 | 11°42 | 8°44 | 15°27 | 28°56 | 12° 1 | 10°48 | 12°22 | 23°16 | W12 |
| T 13 | 19 26 4 | 22° 2'18 | 19°43 | 15°20 | 5°23 | 7°27 | 29°55 | 11°40 | 8°48 | 15°25 | 28°56 | 11°55 | 10°45 | 12°28 | 23°17 | T 13 |
| F 14 | 19 30 1 | 22°59'40 | 1952 | 16°45 | 6° 6 | 8° 9 | 29°53 | 11°37 | 8°51 | 15°24 | 28°57 | 11°47 | 10°42 | 12°35 | 23°18 | F 14 |
| S 15 | 19 33 58 | 23°57'02 | 13°55 | 18° 6 | 6°48 | 8°51 | 29°51 | 11°35 | 8°55 | 15°22 | 28°57 | 11°37 | 10°38 | 12°42 | 23°18 | S 15 |
| S 16 | 19 37 54 | 24°54'23 | 25°52 | 19°25 | 7°29 | 9°33 | 29°49 | 11°33 | 8°58 | 15°20 | 28°57 | 11°24 | 10°35 | 12°49 | 23°19 | S 16 |
| M17 | 19 41 51 | 25°51'43 | 7 Ω 46 | 20°42 | 8°10 | 10°15 | 29°47 | 11°31 | 9° 2 | 15°19 | 28°57 | 11°11 | 10°32 | 12°55 | 23°19 | M17 |
| T 18 | 19 45 47 | 26°49'03 | 19°38 | 21°55 | 8°49 | 10°57 | 29°45 | 11°28 | 9° 5 | 15°17 | 28°58 | 10°58 | 10°29 | 13° 2 | 23°20 | T 18 |
| W19 | 19 49 44 | 27°46'23 | 1 m 30 | 23° 6 | 9°27 | 11°38 | 29°44 | 11°26 | 9° 9 | 15°16 | 28°58 | 10°47 | 10°26 | 13° 9 | 23°20 | W19 |
| T 20 | 19 53 40 | 28°43'42 | 13°23 | 24°13 | 10° 3 | 12°20 | 29°43 | 11°23 | 9°13 | 15°14 | 28°58 | 10°37 | 10°23 | 13°15 | 23°20 | T 20 |
| F 21 | 19 57 37 | 29°41'00 | 25°21 | 25°18 | 10°39 | 13° 2 | 29°42 | 11°20 | 9°16 | 15°12 | 28°59 | 10°30 | 10°19 | 13°22 | 23°21 | F 21 |
| S 22 | 20 1 33 | 0 Ω 38'19 | 7 ≏ 26 | 26°19 | 11°13 | 13°44 | 29°41 | 11°18 | 9°20 | 15°11 | 28°59 | 10°26 | 10°16 | 13°29 | 23°21 | S 22 |
| S 23 | 20 5 30 | 1°35'36 | 19°44 | 27°18 | 11°46 | 14°25 | 29°40 | 11°15 | 9°23 | 15° 9 | 29° 0 | 10°24 | 10°13 | 13°36 | 23°21 | S 23 |
| M24 | 20 9 26 | 2°32'53 | 2 M .19 | 28°13 | 12°18 | 15° 7 | 29°39 | 11°12 | 9°27 | 15° 8 | 29° 0 | 10°24 | 10°10 | 13°42 | 23°21 | M24 |
| T 25 | 20 13 23 | 3°30'10 | 15°16 | 29° 5 | 12°48 | 15°48 | 29°39 | 11° 9 | 9°31 | 15° 6 | 29° 1 | 10°24 | 10° 7 | 13°49 | 23°21 | T 25 |
| W26 | 20 17 20 | 4°27'26 | 28°38 | 29°53 | 13°17 | 16°30 | 29°39 | 11° 6 | 9°34 | 15° 5 | 29° 1 | 10°23 | 10° 4 | 13°56 | 23°R21 | W26 |
| T 27 | 20 21 16 | 5°24'42 | 12 × 29 | 0 m)37 | 13°44 | 17°11 | 29°D39 | 11° 3 | 9°38 | 15° 3 | 29° 2 | 10°20 | 10° 0 | 14° 2 | 23°21 | T 27 |
| F 28 | 20 25 13 | 6°21'58 | 26°50 | 1°18 | 14° 9 | 17°53 | 29°39 | 10°59 | 9°41 | 15° 2 | 29° 2 | 10°15 | 9°57 | 14° 9 | 23°21 | F 28 |
| S 29 | 20 29 9 | 7°19'13 | 11 る 37 | 1°55 | 14°33 | 18°34 | 29°39 | 10°56 | 9°45 | 15° 0 | 29° 3 | 10° 8 | 9°54 | 14°16 | 23°21 | S 29 |
| S 30 | 20 33 6 | 8°16'28 | 26°45 | 2°28 | 14°55 | 19°15 | 29°40 | 10°53 | 9°49 | 14°59 | 29° 4 | 9°58 | 9°51 | 14°23 | 23°21 | S 30 |
| M31 | 20 37 2 | 9 Ω 13'43 | 12 ≈ 4 | 2 m 57 | 15 M p15 | 199556 | 29 M 41 | 10) (49 | 9 Ω 52 | 14 る 57 | 29 ♀ 4 | 9 M 47 | 9 M .48 | 14 N 29 | 23 Y 20 | M31 |

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|------|----------|------------------|-----------------|----------------|----------------|----------------|-----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 20 40 59 | 10\O10'58 | 27≈23 | 3 m 22 | 15 m 34 | 20937 | 29 M .42 | 10°R46 | 9 Ω 56 | 14°R56 | 29 Ω 5 | 9°R37 | 9 M .44 | 14 Ω 36 | 23°R20 | T 1 |
| W 2 | 20 44 56 | 11° 8'13 | 12 米 30 | 3°42 | 15°50 | 21°19 | 29°43 | 10) (42 | 10° 0 | 14 궁 55 | 29° 6 | 9 M 28 | 9°41 | 14°43 | 23 Y 20 | W 2 |
| T 3 | 20 48 52 | 12° 5'29 | 27°16 | 3°57 | 16° 5 | 22° 0 | 29°44 | 10°39 | 10° 3 | 14°53 | 29° 7 | 9°21 | 9°38 | 14°50 | 23°19 | T 3 |
| F 4 | 20 52 49 | 13° 2'44 | 11 Y 36 | 4° 8 | 16°17 | 22°41 | 29°45 | 10°35 | 10° 7 | 14°52 | 29° 8 | 9°17 | 9°35 | 14°56 | 23°19 | F 4 |
| S 5 | 20 56 45 | 14° 0'00 | 25°27 | 4°15 | 16°28 | 23°22 | 29°47 | 10°31 | 10°10 | 14°50 | 29° 9 | 9°15 | 9°32 | 15° 3 | 23°18 | S 5 |
| S 6 | 21 0 42 | 14°57'17 | 8 8 51 | 4°R16 | 16°36 | 24° 2 | 29°49 | 10°28 | 10°14 | 14°49 | 29° 9 | 9°15 | 9°29 | 15°10 | 23°18 | S 6 |
| M 7 | 21 4 38 | 15°54'34 | 21°50 | 4°13 | 16°43 | 24°43 | 29°51 | 10°24 | 10°18 | 14°48 | 29°10 | 9°15 | 9°25 | 15°16 | 23°17 | M 7 |
| T 8 | 21 8 35 | 16°51'52 | 4 Ⅱ 28 | 4° 5 | 16°47 | 25°24 | 29°53 | 10°20 | 10°21 | 14°46 | 29°11 | 9°14 | 9°22 | 15°23 | 23°16 | T 8 |
| W 9 | 21 12 31 | 17°49'10 | 16°50 | 3°52 | 16°R48 | 26° 5 | 29°55 | 10°16 | 10°25 | 14°45 | 29°12 | 9°11 | 9°19 | 15°30 | 23°16 | W 9 |
| T 10 | 21 16 28 | 18°46'29 | 29° 0 | 3°35 | 16°48 | 26°46 | 29°58 | 10°12 | 10°29 | 14°44 | 29°13 | 9° 6 | 9°16 | 15°37 | 23°15 | T 10 |
| F 11 | 21 20 25 | 19°43'48 | 1199 1 | 3°13 | 16°45 | 27°26 | 0 % 0 | 10° 8 | 10°32 | 14°43 | 29°15 | 8°58 | 9°13 | 15°43 | 23°14 | F 11 |
| S 12 | 21 24 21 | 20°41'08 | 22°57 | 2°47 | 16°40 | 28° 7 | 0° 3 | 10° 4 | 10°36 | 14°41 | 29°16 | 8°47 | 9°10 | 15°50 | 23°13 | S 12 |
| S 13 | 21 28 18 | 21°38'29 | 4Ω 50 | 2°17 | 16°32 | 28°47 | 0° 6 | 10° 0 | 10°39 | 14°40 | 29°17 | 8°35 | 9° 6 | 15°57 | 23°12 | S 13 |
| M14 | 21 32 14 | 22°35'50 | 16°42 | 1°43 | 16°22 | 29°28 | 0° 9 | 9°56 | 10°43 | 14°39 | 29°18 | 8°21 | 9° 3 | 16° 3 | 23°11 | M14 |
| T 15 | 21 36 11 | 23°33'11 | 28°34 | 1° 6 | 16°10 | 0Ω 8 | 0°12 | 9°52 | 10°46 | 14°38 | 29°19 | 8° 8 | 9° 0 | 16°10 | 23°10 | T 15 |
| W16 | 21 40 7 | 24°30'33 | 10 m 28 | 0°27 | 15°55 | 0°49 | 0°16 | 9°47 | 10°50 | 14°37 | 29°20 | 7°56 | 8°57 | 16°17 | 23° 9 | W16 |
| T 17 | 21 44 4 | 25°27'55 | 22°26 | 29 Ω 45 | 15°38 | 1°29 | 0°20 | 9°43 | 10°54 | 14°35 | 29°22 | 7°46 | 8°54 | 16°24 | 23° 8 | T 17 |
| F 18 | 21 48 0 | 26°25'18 | 4 ≏ 29 | 29° 2 | 15°19 | 2° 9 | 0°23 | 9°39 | 10°57 | 14°34 | 29°23 | 7°39 | 8°50 | 16°30 | 23° 7 | F 18 |
| S 19 | 21 51 57 | 27°22'41 | 16°39 | 28°19 | 14°57 | 2°50 | 0°27 | 9°35 | 11° 1 | 14°33 | 29°24 | 7°35 | 8°47 | 16°37 | 23° 6 | S 19 |
| S 20 | 21 55 53 | 28°20'04 | 29° 1 | 27°36 | 14°34 | 3°30 | 0°32 | 9°30 | 11° 4 | 14°32 | 29°25 | 7°33 | 8°44 | 16°44 | 23° 5 | S 20 |
| M21 | 21 59 50 | 29°17'28 | 11 M J38 | 26°54 | 14° 8 | 4°10 | 0°36 | 9°26 | 11°8 | 14°31 | 29°27 | 7°D33 | 8°41 | 16°51 | 23° 3 | M21 |
| T 22 | 22 3 47 | 0 m 14'53 | 24°33 | 26°13 | 13°40 | 4°50 | 0°40 | 9°21 | 11°11 | 14°30 | 29°28 | 7°R33 | 8°38 | 16°57 | 23° 2 | T 22 |
| W23 | 22 7 43 | 1°12'17 | 7 .₹ 51 | 25°35 | 13°10 | 5°30 | 0°45 | 9°17 | 11°15 | 14°29 | 29°30 | 7°33 | 8°35 | 17° 4 | 23° 1 | W23 |
| T 24 | 22 11 40 | 2° 9'43 | 2 <u>1</u> °34 | 25° 0 | 12°39 | 6°10 | 0°50 | 9°13 | 11°18 | 14°28 | 29°31 | 7°32 | 8°31 | 17°11 | 22°59 | T 24 |
| F 25 | 22 15 36 | 3° 7'08 | 5 ろ 45 | 24°30 | 12° 6 | 6°50 | 0°55 | 9° 8 | 11°22 | 14°27 | 29°33 | 7°28 | 8°28 | 17°17 | 22°58 | F 25 |
| S 26 | 22 19 33 | 4° 4'35 | 20°22 | 24° 3 | 11°32 | 7°30 | 1° 0 | 9° 4 | 11°25 | 14°26 | 29°34 | 7°22 | 8°25 | 17°24 | 22°56 | S 26 |
| S 27 | 22 23 29 | 5° 2'02 | 5≈20 | 23°42 | 10°57 | 8°10 | 1° 5 | 8°59 | 11°28 | 14°25 | 29°36 | 7°14 | 8°22 | 17°31 | 22°55 | S 27 |
| M28 | 22 27 26 | 5°59'29 | 20°31 | 23°27 | 10°20 | 8°49 | 1°10 | 8°55 | 11°32 | 14°25 | 29°37 | 7° 6 | 8°19 | 17°38 | 22°53 | M28 |
| T 29 | 22 31 22 | 6°56'57 | 5) (47 | 23°17 | 9°43 | 9°29 | 1°16 | 8°50 | 11°35 | 14°24 | 29°39 | 6°57 | 8°16 | 17°44 | 22°51 | T 29 |
| W30 | 22 35 19 | 7°54'26 | 20°55 | 23°D14 | 9° 6 | 10° 9 | 1°22 | 8°46 | 11°39 | 1 <u>4</u> °23 | 29°40 | 6°49 | 8°12 | 17°51 | 22°50 | W30 |
| T 31 | 22 39 16 | 8 m 51'57 | 5 Υ 46 | 23 Ω 17 | 8 m 29 | 10 Ω 48 | 1 才 28 | 8) (41 | 11 Ω 42 | 14 궁 22 | 29 ≏ 42 | 6 M .44 | 8 M 9 | 17 Ω 58 | 22 Y 48 | T 31 |

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|--------------|----------------------|----------------------|------------------------|----------------|-----------------|----------------|---------------|---------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------------|
| F 1 | 22 43 12 | 9 m 49'28 | 20 Y 12 | 23 £ 28 | 7°R51 | 11 Ω 28 | 1 ₹ 34 | 8°R37 | 11 Ω 45 | 14°R21 | 29 ≏ 43 | 6°R40 | 8 M 6 | 18Ω 4 | 22°R46 | F 1 |
| S 2 | 22 47 9 | 10°47'00 | 4811 | 23°45 | 7 m) 14 | 12° 8 | 1°40 | 8 ∺ 33 | 11°48 | 14 궁 21 | 29°45 | 6°D39 | 8° 3 | 18°11 | 22 Y 44 | S 2 |
| S 3 | 22 51 5 | 11°44'34 | 17°41 | 24° 8 | 6°37 | 12°47 | 1°46 | 8°28 | 11°52 | 14°20 | 29°47 | 6 M .40 | 8° 0 | 18°18 | 22°43 | S 3 |
| M 4 | 22 55 2 | 12°42'09 | 0 Ⅱ 45 | 24°39 | 6° 1 | 13°26 | 1°52 | 8°24 | 11°55 | 14°19 | 29°49 | 6°41 | 7°56 | 18°25 | 22°41 | M 4 |
| T 5 | 22 58 58 | 13°39'45 | 13°25 | 25°17 | 5°26 | 14° 6 | 1°59 | 8°19 | 11°58 | 14°19 | 29°50 | 6°R41 | 7°53 | 18°31 | 22°39 | T 5 |
| W 6 | 23 2 55 | 14°37'23 | 25°47 | 26° 2 | 4°52 | 14°45 | 2° 6 | 8°15 | 12° 1 | 14°18 | 29°52 | 6°40 | 7°50 | 18°38 | 22°37 | W 6 |
| T 7 | 23 6 51 | 15°35'02 | 7956 | 26°53 | 4°20 | 15°25 | 2°12 | 8°10 | 12° 5 | 14°17 | 29°54 | 6°38 | 7°47 | 18°45 | 22°35 | T 7 |
| F 8 | 23 10 48 | 16°32'43 | 19°55 | 27°51 | 3°49 | 16° 4 | 2°19 | 8° 6 | 12° 8 | 14°17 | 29°56 | 6°33 | 7°44 | 18°52 | 22°33 | F 8 |
| S 9 | 23 14 45 | 17°30'25 | 1 Ω 48 | 28°56 | 3°20 | 16°43 | 2°26 | 8° 2 | 12°11 | 14°16 | 29°57 | 6°27 | 7°41 | 18°58 | 22°31 | S 9 |
| S 10 | 23 18 41 | 18°28'08 | 13°39 | 0 m) 6 | 2°53 | 17°22 | 2°34 | 7°57 | 12°14 | 14°16 | 29°59 | 6°18 | 7°37 | 19° 5 | 22°29 | S 10 |
| M11 | 23 22 38 | 19°25'53 | 25°32 | 1°23 | 2°28 | 18° 1 | 2°41 | 7°53 | 12°17 | 14°15 | 0 M 1 | 6°10 | 7°34 | 19°12 | 22°26 | M11 |
| T 12 | 23 26 34 | 20°23'39 | 7 m 27 | 2°45 | 2° 5 | 18°40 | 2°49 | 7°48 | 12°20 | 14°15 | 0° 3 | 6° 1 | 7°31 | 19°18 | 22°24 | T 12 |
| W13 | 23 30 31 | 21°21'26 | 19°27 | 4°12 | 1°44 | 19°19 | 2°56 | 7°44 | 12°23 | 14°15 | 0° 5 0° 7 | 5°53 | 7°28 | 19°25 | 22°22 | W13 |
| T 14 F 15 | 23 34 27 23 38 24 | 22°19'15 23°17'05 | 1 ≙ 33 13°46 | 5°44 7°21 | 1°25 1° 9 | 19°58 20°37 | 3° 4 3°12 | 7°40 7°36 | 12°26 12°29 | 14°14 14°14 | 0° 7 0° 9 | 5°47 5°42 | 7°25 7°21 | 19°32 19°39 | 22°20 22°18 | T 14 F 15 |
| S 16 | 23 42 20 | 24°14'56 | 26° 9 | 9° 1 | 0°55 | 20 37 21°16 | 3°20 | 7°31 | 12°32 | 14 14 14°14 | 0°11 | 5°40 | 7°18 | 19 39 19°45 | 22°15 | S 16 |
| | | | | | | | | | | | - | | | | | 1 |
| S 17 | 23 46 17 | 25°12'48 | 8M42 | 10°45 | 0°43 | 21°55 | 3°28 | 7°27 | 12°35 | 14°13 | 0°13 | 5°D40 | 7°15 | 19°52 | 22°13 | S 17 |
| M18 | 23 50 13 23 54 10 | 26°10'42 | 21°29 | 12°32 | 0°34 0°27 | 22°34 | 3°36 | 7°23 7°19 | 12°38 | 14°13 14°13 | 0°15 | 5°41 | 7°12 7° 9 | 19°59 20° 5 | 22°11 | M18 T 19 |
| T 19 W20 | 23 54 10 23 58 7 | 27° 8'37 28° 6'33 | 4 ₹ 31 17°51 | 14°22 16°14 | 0°27 0°23 | 23°12 23°51 | 3°44 3°53 | 7°19 | 12°41 12°43 | 14°13 | 0°17 0°19 | 5°42 5°43 | 7° 6 | 20° 12 | 22° 8 22° 6 | W20 |
| T 21 | 0 2 3 | 28 033 29° 4'30 | 17 31 1 云 31 | 16 14 18° 8 | 0°D21 | 23°31 24°30 | 3 33 4° 2 | 7°11 | 12°46 | 14 13 14°13 | 0°21 | 5°R44 | 7° 2 | 20°12 | 22° 3 | T 21 |
| F 22 | 0 6 0 | 0 ₽ 2'29 | 15°33 | 20° 3 | 0°21 | 25° 8 | 4°10 | 7° 7 | 12°49 | 14°12 | 0°23 | 5°43 | 6°59 | 20°26 | 22° 1 | F 22 |
| S 23 | 0 9 56 | 1° 0'28 | 29°54 | 21°59 | 0°24 | 25°47 | 4°19 | 7° 3 | 12°52 | 14°12 | 0°25 | 5°40 | 6°56 | 20°32 | 21°59 | S 23 |
| S 24 | 0 13 53 | 1°58'29 | 14≈34 | 23°56 | 0°28 | 26°25 | 4°28 | 6°59 | 12°54 | 14°12 | 0°27 | 5°36 | 6°53 | 20°39 | 21°56 | S 24 |
| M25 | 0 13 33 | 2°56'31 | 29°25 | 25°53 | 0°36 | 20 23 27° 4 | 4°28 4°37 | 6°56 | 12°57 | 14 12 14°D12 | 0°27 0°29 | 5°32 | 6°50 | 20°46 | 21°54 | M25 |
| T 26 | 0 17 45 | 3°54'35 | 14 H 22 | 27°51 | 0°45 | 27°42 | 4°46 | 6°52 | 13° 0 | 14°12 | 0°31 | 5°27 | 6°47 | 20°52 | 21°51 | T 26 |
| W27 | 0 25 42 | 4°52'39 | 29°15 | 29°48 | 0°56 | 28°20 | 4°55 | 6°48 | 13° 2 | 14°12 | 0°33 | 5°23 | 6°43 | 20°59 | 21°49 | W27 |
| T 28 | 0 29 39 | 5°50'46 | 13 Y 57 | 1 ≏ 45 | 1°10 | 28°58 | 5° 5 | 6°45 | 13° 5 | 14°12 | 0°36 | 5°21 | 6°40 | 21° 6 | 21°46 | T 28 |
| F 29 | 0 33 36 | 6°48'54 | 28°19 | 3°41 | 1°25 | 29°37 | 5°14 | 6°41 | 13° 7 | 14°12 | 0°38 | 5°19 | 6°37 | 21°13 | 21°43 | F 29 |
| S 30 | 0 37 32 | 7 ≙ 47'04 | 12818 | 5 ≙ 36 | 1 M) 43 | 0 m 15 | 5 ₹ 24 | 6 ∺ 37 | 13 Ω 10 | 14 궁 13 | 0 M 40 | 5°D19 | 6 M .34 | 21 Ω 19 | 21 Y 41 | S 30 |

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| | 0 41 29 | | | | - | U | 4 | ħ |)∤(| 卉 | E | 9.9 | 8.6 | Ç | 0 | Day |
| M 2 | | 8 ≏ 45'16 | 25 8 52 | 7 ≙ 31 | 2 Mp 2 | 0 m 53 | 5 ₹ 33 | 6°R34 | 13 Ω 12 | 14 る 13 | 0 M .42 | 5 M 20 | 6MJ31 | 21\$\Omega26 | 21°R38 | S 1 |
| | 0 45 25 | 9°43'29 | 9 I I 0 | 9°25 | 2°24 | 1°31 | 5°43 | 6 ∺ 31 | 13°14 | 14°13 | 0°44 | 5°22 | 6°27 | 21°33 | 21 Y 36 | M 2 |
| - | 0 49 22 | 10°41'45 | 21°45 | 11°18 | 2°47 | 2° 9 | 5°53 | 6°27 | 13°17 | 14°13 | 0°47 | 5°23 | 6°24 | 21°39 | 21°33 | T 3 |
| | 0 53 18 | 11°40'03 | 49911 | 13°10 | 3°11 | 2°47 | 6° 3 | 6°24 | 13°19 | 14°14 | 0°49 | 5°24 | 6°21 | 21°46 | 21°30 | W 4 |
| - | 0 57 15 | 12°38'22 | 16°21 | 15° 1 | 3°38 | 3°25 | 6°13 | 6°21 | 13°21 | 14°14 | 0°51 | 5°R25 | 6°18 | 21°53 | 21°28 | T 5 |
| | 1 111 | 13°36'44 | 28°21 | 16°51 | 4° 6 | 4° 3 | 6°23 | 6°18 | 13°24 | 14°14 | 0°53 | 5°24 | 6°15 | 22° 0 | 21°25 | F 6 |
| S 7 | 1 5 8 | 14°35'08 | 10 Ω 14 | 18°40 | 4°35 | 4°41 | 6°33 | 6°15 | 13°26 | 14°15 | 0°56 | 5°22 | 6°12 | 22° 6 | 21°22 | S 7 |
| S 8 | 1 9 5 | 15°33'33 | 22° 6 | 20°28 | 5° 7 | 5°18 | 6°44 | 6°12 | 13°28 | 14°15 | 0°58 | 5°19 | 6° 8 | 22°13 | 21°20 | S 8 |
| | 1 13 1 | 16°32'01 | 4M0, 0 | 22°15 | 5°39 | 5°56 | 6°54 | 6° 9 | 13°30 | 14°15 | 1° 0 | 5°16 | 6° 5 | 22°20 | 21°17 | M 9 |
| - | 1 16 58 | 17°30'30 | 15°59 | 24° 1 | 6°13 | 6°34 | 7° 5 | 6° 6 | 13°32 | 14°16 | 1° 2 | 5°14 | 6° 2 | 22°26 | 21°14 | T 10 |
| | 1 20 54 | 18°29'02 | 28° 6 | 25°46 | 6°48 | 7°11 | 7°15 | 6° 3 | 13°34 | 14°16 | 1° 5 | 5°11 | 5°59 | 22°33 | 21°12 | W11 |
| | 1 24 51 | 19°27'35 | 10 ≏ 23 | 27°29 | 7°25 | 7°49 | 7°26 | 6° 1 | 13°36 | 14°17 | 1° 7 | 5° 9 | 5°56 | 22°40 | 21° 9 | T 12 |
| - | 1 28 47 | 20°26'10 | 22°51 | 29°12 | 8° 3 | 8°26 | 7°37 | 5°58 | 13°38 | 14°17 | 1° 9 | 5° 8 | 5°52 | 22°47 | 21° 6 | F 13 |
| S 14 | 1 32 44 | 21°24'47 | 5 M 31 | 0 M .54 | 8°42 | 9° 4 | 7°47 | 5°56 | 13°40 | 14°18 | 1°11 | 5°D 8 | 5°49 | 22°53 | 21° 3 | S 14 |
| S 15 | 1 36 40 | 22°23'26 | 18°24 | 2°34 | 9°22 | 9°41 | 7°58 | 5°53 | 13°42 | 14°19 | 1°14 | 5° 8 | 5°46 | 23° 0 | 21° 1 | S 15 |
| - | 1 40 37 | 23°22'07 | 1 ₹ 30 | 4°14 | 10° 3 | 10°18 | 8° 9 | 5°51 | 13°43 | 14°19 | 1°16 | 5° 9 | 5°43 | 23° 7 | 20°58 | M16 |
| | 1 44 33 | 24°20'49 | 14°50 | 5°53 | 10°45 | 10°56 | 8°20 | 5°49 | 13°45 | 14°20 | 1°18 | 5°10 | 5°40 | 23°13 | 20°55 | T 17 |
| | 1 48 30 | 25°19'33 | 2 <u>8</u> °23 | 7°31 | 11°29 | 11°33 | 8°32 | 5°47 | 13°47 | 14°21 | 1°21 | 5°11 | 5°37 | 23°20 | 20°53 | W18 |
| | 1 52 27 | 26°18'19 | 12 る 9 | 9° 7 | 12°13 | 12°10 | 8°43 | 5°45 | 13°48 | 14°22 | 1°23 | 5°11 | 5°33 | 23°27 | 20°50 | T 19 |
| | 1 56 23 | 27°17'07 | 26° 9 | 10°43 | 12°58 | 12°47 | 8°54 | 5°43 | 13°50 | 14°22 | 1°25 | 5°R11 | 5°30 | 23°34 | 20°47 | F 20 |
| S 21 | 2 0 20 | 28°15'56 | 10≈20 | 12°18 | 13°44 | 13°24 | 9° 5 | 5°41 | 13°52 | 14°23 | 1°28 | 5°11 | 5°27 | 23°40 | 20°45 | S 21 |
| S 22 | 2 4 16 | 29°14'46 | 24°41 | 13°52 | 14°31 | 14° 1 | 9°17 | 5°39 | 13°53 | 14°24 | 1°30 | 5°11 | 5°24 | 23°47 | 20°42 | S 22 |
| - | 2 8 13 | OM 13'38 | 9 米 9 | 15°26 | 15°19 | 14°38 | 9°28 | 5°37 | 13°55 | 14°25 | 1°32 | 5°10 | 5°21 | 23°54 | 20°39 | M23 |
| | 2 12 9 | 1°12'32 | 23°39 | 16°58 | 16° 8 | 15°15 | 9°40 | 5°36 | 13°56 | 14°26 | 1°35 | 5°10 | 5°18 | 24° 1 | 20°37 | T 24 |
| | 2 16 6 | 2°11'27 | 8 Υ 6 | 18°30 | 16°58 | 15°52 | 9°52 | 5°34 | 13°57 | 14°27 | 1°37 | 5° 9 | 5°14 | 24° 7 | 20°34 | W25 |
| - | 2 20 2 | 3°10'25 | 22°24 | 20° 0 | 17°48 | 16°29 | 10° 3 | 5°33 | 13°59 | 14°28 | 1°39 | 5° 9 | 5°11 | 24°14 | 20°31 | T 26 |
| | 2 23 59 | 4° 9'24 | 6 8 30 | 21°30 | 18°39 | 17° 5 | 10°15 | 5°32 | 14° 0 | 14°29 | 1°42 | 5°D 9 | 5° 8 | 24°21 | 20°29 | F 27 |
| S 28 | 2 27 56 | 5° 8'25 | 20°18 | 22°59 | 19°31 | 17°42 | 10°27 | 5°30 | 14° 1 | 14°30 | 1°44 | 5°R 9 | 5° 5 | 24°27 | 20°26 | S 28 |
| | 2 31 52 | 6° 7'29 | 3耳46 | 24°27 | 20°23 | 18°19 | 10°39 | 5°29 | 14° 2 | 14°31 | 1°46 | 5° 9 | 5° 2 | 24°34 | 20°24 | S 29 |
| | 2 35 49 | 7° 6'34 | 16°53 | 25°54 | 21°16 | 18°55 | 10°51 | 5°28 | 14° 3 | 1 <u>4</u> °32 | 1°49 | 5° 9 | 4°58 | 24°41 | 20°21 | M30 |
| T 31 | 2 39 45 | 8M 5'42 | 29∏39 | 27 M 21 | 22 M 10 | 19 m 32 | 11 × 3 | 5 ∺ 27 | 14 N 4 | 14 る 33 | 1 M .51 | 5 ™ 9 | 4 M 55 | 24 Ω 48 | 20 Υ 18 | T 31 |

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|------|---------|-------------------|----------------|-----------------|----------------|---------------|-----------------|---------------|---------------|----------------|---------------|----------------|------|-----------------|----------------|------|
| W 1 | 2 43 42 | 9M 4'52 | 1295 7 | 28 M .46 | 23 m/ 5 | 20Mp 8 | 11 × 15 | 5°R27 | 14 Ω 5 | 14 궁 34 | 1 M 53 | 5°R 8 | 4M52 | 24 \O 54 | 20°R16 | W 1 |
| T 2 | 2 47 38 | 10° 4'04 | 24°20 | 0 才 11 | 24° 0 | 20°45 | 11°27 | 5 ∺ 26 | 14° 6 | 14°35 | 1°56 | 5 M 8 | 4°49 | 25° 1 | 20 Υ 13 | T 2 |
| F 3 | 2 51 35 | 11° 3'18 | 6 Ω 21 | 1°35 | 24°55 | 21°21 | 11°39 | 5°25 | 14° 7 | 14°37 | 1°58 | 5°D 8 | 4°46 | 25° 8 | 20°11 | F 3 |
| S 4 | 2 55 31 | 12° 2'34 | 18°16 | 2°57 | 25°52 | 21°57 | 11°51 | 5°25 | 14° 8 | 14°38 | 2° 0 | 5° 8 | 4°43 | 25°14 | 20° 9 | S 4 |
| S 5 | 2 59 28 | 13° 1'53 | 0 m) 8 | 4°19 | 26°48 | 22°33 | 12° 4 | 5°24 | 14° 9 | 14°39 | 2° 3 | 5° 8 | 4°39 | 25°21 | 20° 6 | S 5 |
| M 6 | 3 3 25 | 14° 1'14 | 12° 3 | 5°40 | 27°46 | 23° 9 | 12°16 | 5°24 | 14° 9 | 14°41 | 2° 5 | 5° 9 | 4°36 | 25°28 | 20° 4 | M 6 |
| T 7 | 3 7 21 | 15° 0'37 | 24° 4 | 6°59 | 28°44 | 23°46 | 12°28 | 5°24 | 14°10 | 14°42 | 2° 7 | 5°10 | 4°33 | 25°34 | 20° 1 | T 7 |
| W 8 | 3 11 18 | 16° 0'02 | 6 ₽ 16 | 8°18 | 29°42 | 24°22 | 12°41 | 5°24 | 14°11 | 14°43 | 2°10 | 5°11 | 4°30 | 25°41 | 19°59 | W 8 |
| T 9 | 3 15 14 | 16°59'29 | 18°42 | 9°35 | 0 ≏ 41 | 24°57 | 12°53 | 5°D24 | 14°11 | 14°45 | 2°12 | 5°12 | 4°27 | 25°48 | 19°57 | T 9 |
| F 10 | 3 19 11 | 17°58'59 | 1 m 24 | 10°51 | 1°40 | 25°33 | 13° 6 | 5°24 | 14°12 | 14°46 | 2°14 | 5°R12 | 4°24 | 25°55 | 19°54 | F 10 |
| S 11 | 3 23 7 | 18°58'30 | 14°23 | 12° 5 | 2°40 | 26° 9 | 13°18 | 5°24 | 14°12 | 14°47 | 2°16 | 5°12 | 4°20 | 26° 1 | 19°52 | S 11 |
| S 12 | 3 27 4 | 19°58'04 | 27°39 | 13°18 | 3°40 | 26°45 | 13°31 | 5°24 | 14°13 | 14°49 | 2°19 | 5°11 | 4°17 | 26° 8 | 19°50 | S 12 |
| M13 | 3 31 0 | 20°57'39 | 11 7 11 | 14°29 | 4°40 | 27°21 | 13°44 | 5°25 | 14°13 | 14°50 | 2°21 | 5°10 | 4°14 | 26°15 | 19°47 | M13 |
| T 14 | 3 34 57 | 21°57'17 | 24°57 | 15°39 | 5°41 | 27°56 | 13°56 | 5°25 | 14°13 | 14°52 | 2°23 | 5° 7 | 4°11 | 26°21 | 19°45 | T 14 |
| W15 | 3 38 54 | 22°56'56 | 8 궁 54 | 16°46 | 6°43 | 28°32 | 14° 9 | 5°26 | 14°14 | 14°53 | 2°25 | 5° 5 | 4° 8 | 26°28 | 19°43 | W15 |
| T 16 | 3 42 50 | 23°56'37 | 22°59 | 17°51 | 7°45 | 29° 7 | 14°22 | 5°27 | 14°14 | 14°55 | 2°28 | 5° 3 | 4° 4 | 26°35 | 19°41 | T 16 |
| F 17 | 3 46 47 | 24°56'19 | 7 ≈ 8 | 18°54 | 8°47 | 29°43 | 14°35 | 5°27 | 14°14 | 14°57 | 2°30 | 5° 1 | 4° 1 | 26°42 | 19°39 | F 17 |
| S 18 | 3 50 43 | 25°56'03 | 21°20 | 19°54 | 9°49 | 0 ჲ 18 | 14°47 | 5°28 | 14°14 | 14°58 | 2°32 | 5°D 0 | 3°58 | 26°48 | 19°37 | S 18 |
| S 19 | 3 54 40 | 26°55'49 | 5) €32 | 20°51 | 10°52 | 0°53 | 15° 0 | 5°29 | 14°R14 | 15° 0 | 2°34 | 5° 0 | 3°55 | 26°55 | 19°35 | S 19 |
| M20 | 3 58 36 | 27°55'36 | 19°41 | 21°45 | 11°55 | 1°28 | 15°13 | 5°30 | 14°14 | 15° 2 | 2°36 | 5° 1 | 3°52 | 27° 2 | 19°33 | M20 |
| T 21 | 4 2 33 | 28°55'25 | 3 Ƴ 46 | 22°35 | 12°59 | 2° 3 | 15°26 | 5°32 | 14°14 | 15° 3 | 2°38 | 5° 3 | 3°49 | 27° 8 | 19°31 | T 21 |
| W22 | 4 6 29 | 29°55'15 | 17°44 | 23°21 | 14° 2 | 2°39 | 15°39 | 5°33 | 14°14 | 15° 5 | 2°41 | 5° 4 | 3°45 | 27°15 | 19°29 | W22 |
| T 23 | 4 10 26 | 0 ∡ 755'07 | 1834 | 24° 3 | 15° 6 | 3°13 | 15°52 | 5°34 | 14°14 | 15° 7 | 2°43 | 5°R 5 | 3°42 | 27°22 | 19°27 | T 23 |
| F 24 | 4 14 23 | 1°55'01 | 15°14 | 24°39 | 16°11 | 3°48 | 16° 5 | 5°36 | 14°13 | 15° 8 | 2°45 | 5° 5 | 3°39 | 27°29 | 19°25 | F 24 |
| S 25 | 4 18 19 | 2°54'56 | 28°41 | 25°10 | 17°16 | 4°23 | 16°18 | 5°37 | 14°13 | 15°10 | 2°47 | 5° 3 | 3°36 | 27°35 | 19°24 | S 25 |
| S 26 | 4 22 16 | 3°54'53 | 11 Ⅱ 54 | 25°35 | 18°21 | 4°58 | 16°31 | 5°39 | 14°13 | 15°12 | 2°49 | 5° 0 | 3°33 | 27°42 | 19°22 | S 26 |
| M27 | 4 26 12 | 4°54'53 | 24°52 | 25°53 | 19°26 | 5°33 | 16°44 | 5°41 | 14°12 | 15°14 | 2°51 | 4°55 | 3°30 | 27°49 | 19°20 | M27 |
| T 28 | 4 30 9 | 5°54'54 | 7 9 33 | 26° 4 | 20°31 | 6° 7 | 16°57 | 5°43 | 14°12 | 15°16 | 2°53 | 4°50 | 3°26 | 27°55 | 19°18 | T 28 |
| W29 | 4 34 5 | 6°54'57 | 19°58 | 26°R 6 | 21°37 | 6°42 | 17°10 | 5°45 | 14°11 | 1 <u>5</u> °17 | 2°55 | 4°44 | 3°23 | 28° 2 | 19°17 | W29 |
| T 30 | 4 38 2 | 7 ₹ 755'02 | 2 Ω 11 | 26 ₮ 0 | 22 ₾ 43 | 7 ≏ 16 | 17 × 724 | 5 ∺ 47 | 14Ω11 | 15 る 19 | 2 M 57 | 4 M .39 | 3M20 | 28 N 9 | 19 Υ 15 | T 30 |

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| Day | Sid.t | \odot | 7 | Q. | Ç. | σ | 4 | ħ | ¥ | # | ב | ሌ የገ | S | ţ | δ | Day |
|------|---------|------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|---------------|----------------|------|
| F 1 | 4 41 58 | 8 √ 55'09 | 14Ω12 | 25°R44 | 23 ჲ 50 | 7 ≙ 50 | 17 .7 37 | 5) (49 | 14°R10 | 15 る 21 | 2 M .59 | 4°R35 | 3 M .17 | 28Ω16 | 19°R14 | F 1 |
| S 2 | 4 45 55 | 9°55'18 | 26° 6 | 25 × 18 | 24°56 | 8°25 | 17°50 | 5°51 | 14 N 9 | 15°23 | 3° 1 | 4 M .32 | 3°14 | 28°22 | 19 Y 12 | S 2 |
| S 3 | 4 49 52 | 10°55'28 | 7 m 57 | 24°43 | 26° 3 | 8°59 | 18° 3 | 5°54 | 14° 9 | 15°25 | 3° 3 | 4°D31 | 3°10 | 28°29 | 19°11 | S 3 |
| M 4 | 4 53 48 | 11°55'41 | 19°51 | 23°58 | 27°10 | 9°33 | 18°16 | 5°56 | 14° 8 | 15°27 | 3° 5 | 4°31 | 3° 7 | 28°36 | 19° 9 | M 4 |
| T 5 | 4 57 45 | 12°55'56 | 1 ≏ 51 | 23° 3 | 28°18 | 10° 7 | 18°30 | 5°59 | 14° 7 | 15°29 | 3° 7 | 4°33 | 3° 4 | 28°42 | 19°8 | T 5 |
| W 6 | 5 141 | 13°56'12 | 14° 4 | 21°59 | 29°25 | 10°41 | 18°43 | 6° 2 | 14° 6 | 15°31 | 3° 9 | 4°34 | 3° 1 | 28°49 | 19° 7 | W 6 |
| T 7 | 5 5 38 | 14°56'31 | 26°33 | 20°48 | 0 M .33 | 11°15 | 18°56 | 6° 4 | 14° 5 | 15°33 | 3°11 | 4°36 | 2°58 | 28°56 | 19° 6 | T 7 |
| F 8 | 5 9 34 | 15°56'51 | 9 M 22 | 19°31 | 1°41 | 11°48 | 19° 9 | 6° 7 | 14° 4 | 15°35 | 3°13 | 4°R36 | 2°55 | 29° 3 | 19° 4 | F 8 |
| S 9 | 5 13 31 | 16°57'13 | 22°34 | 18°11 | 2°49 | 12°22 | 19°23 | 6°10 | 14° 3 | 15°37 | 3°14 | 4°34 | 2°51 | 29° 9 | 19° 3 | S 9 |
| S 10 | 5 17 27 | 17°57'37 | 6 ₹ 9 | 16°50 | 3°57 | 12°56 | 19°36 | 6°13 | 14° 2 | 15°39 | 3°16 | 4°31 | 2°48 | 29°16 | 19° 2 | S 10 |
| M11 | 5 21 24 | 18°58'03 | 20° 6 | 15°31 | 5° 6 | 13°29 | 19°49 | 6°16 | 14° 1 | 15°41 | 3°18 | 4°25 | 2°45 | 29°23 | 19° 1 | M11 |
| T 12 | 5 25 21 | 19°58'30 | 4 궁 21 | 14°16 | 6°14 | 14° 2 | 20° 2 | 6°19 | 14° 0 | 15°43 | 3°20 | 4°18 | 2°42 | 29°29 | 19° 0 | T 12 |
| W13 | 5 29 17 | 20°58'58 | 18°47 | 13° 9 | 7°23 | 14°36 | 20°16 | 6°23 | 13°59 | 15°45 | 3°22 | 4°10 | 2°39 | 29°36 | 18°59 | W13 |
| T 14 | 5 33 14 | 21°59'28 | 3≈20 | 12° 9 | 8°32 | 15° 9 | 20°29 | 6°26 | 13°57 | 15°47 | 3°23 | 4° 3 | 2°36 | 29°43 | 18°58 | T 14 |
| F 15 | 5 37 10 | 22°59'59 | 17°51 | 11°20 | 9°41 | 15°42 | 20°42 | 6°30 | 13°56 | 15°49 | 3°25 | 3°57 | 2°32 | 29°49 | 18°57 | F 15 |
| S 16 | 5 41 7 | 24° 0'32 | 2) 17 | 10°43 | 10°51 | 16°15 | 20°56 | 6°33 | 13°55 | 15°52 | 3°27 | 3°52 | 2°29 | 29°56 | 18°57 | S 16 |
| S 17 | 5 45 3 | 25° 1'05 | 16°32 | 10°16 | 12° 0 | 16°48 | 21° 9 | 6°37 | 13°53 | 15°54 | 3°28 | 3°50 | 2°26 | 0 Mp 3 | 18°56 | S 17 |
| M18 | 5 49 0 | 26° 1'39 | 0 Υ 35 | 10° 2 | 13°10 | 17°20 | 21°22 | 6°41 | 13°52 | 15°56 | 3°30 | 3°D50 | 2°23 | 0°10 | 18°55 | M18 |
| T 19 | 5 52 56 | 27° 2'15 | 14°25 | 9°D58 | 14°20 | 17°53 | 21°35 | 6°45 | 13°50 | 15°58 | 3°31 | 3°51 | 2°20 | 0°16 | 18°55 | T 19 |
| W20 | 5 56 53 | 28° 2'51 | 28° 2 | 10° 6 | 15°30 | 18°25 | 21°49 | 6°48 | 13°49 | 16° 0 | 3°33 | 3°R52 | 2°16 | 0°23 | 18°54 | W20 |
| T 21 | 6 0 50 | 29° 3'29 | 11828 | 10°23 | 16°40 | 18°58 | 22° 2 | 6°52 | 13°47 | 16° 2 | 3°35 | 3°52 | 2°13 | 0°30 | 18°54 | T 21 |
| F 22 | 6 4 46 | 0중 4'07 | 24°42 | 10°50 | 17°50 | 19°30 | 22°15 | 6°57 | 13°46 | 16° 5 | 3°36 | 3°50 | 2°10 | 0°36 | 18°53 | F 22 |
| S 23 | 6 8 43 | 1° 4'47 | 7 Ⅱ 46 | 11°24 | 19° 0 | 20° 2 | 22°28 | 7° 1 | 13°44 | 16° 7 | 3°38 | 3°45 | 2° 7 | 0°43 | 18°53 | S 23 |
| S 24 | 6 12 39 | 2° 5'28 | 20°38 | 12° 6 | 20°11 | 20°34 | 22°42 | 7° 5 | 13°42 | 16° 9 | 3°39 | 3°38 | 2° 4 | 0°50 | 18°52 | S 24 |
| M25 | 6 16 36 | 3° 6'10 | 39519 | 12°54 | 21°21 | 21° 6 | 22°55 | 7° 9 | 13°40 | 16°11 | 3°40 | 3°28 | 2° 1 | 0°57 | 18°52 | M25 |
| T 26 | 6 20 32 | 4° 6'53 | 15°48 | 13°48 | 22°32 | 21°38 | 23° 8 | 7°14 | 13°39 | 16°13 | 3°42 | 3°16 | 1°57 | 1° 3 | 18°52 | T 26 |
| W27 | 6 24 29 | 5° 7'38 | 28° 6 | 14°48 | 23°43 | 22°10 | 23°21 | 7°18 | 13°37 | 16°16 | 3°43 | 3° 4 | 1°54 | 1°10 | 18°52 | W27 |
| T 28 | 6 28 26 | 6° 8'23 | 10 Ω 14 | 15°51 | 24°54 | 22°41 | 23°34 | 7°23 | 13°35 | 16°18 | 3°45 | 2°53 | 1°51 | 1°17 | 18°51 | T 28 |
| F 29 | 6 32 22 | 7° 9'10 | 22°13 | 16°58 | 26° 5 | 23°13 | 23°47 | 7°27 | 13°33 | 16°20 | 3°46 | 2°43 | 1°48 | 1°23 | 18°51 | F 29 |
| S 30 | 6 36 19 | 8° 9'58 | 4M) 5 | 18° 9 | 27°16 | 23°44 | 24° 0 | 7°32 | 13°31 | 16°22 | 3°47 | 2°35 | 1°45 | 1°30 | 18°D51 | S 30 |
| S 31 | 6 40 15 | 9 ප 10'47 | 15 M 55 | 19 × 22 | 28 M 28 | 24 ₽ 15 | 24 ৴ 14 | 7 ∺ 37 | 13 1 29 | 16 පි 25 | 3 M .48 | 2 M 29 | 1 M 42 | 1 m 37 | 18 Y 51 | S 31 |

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| Day | Sid.t | 0 | D | ğ | Q. | ð | 4 | ħ |)∤(| # | Р | n | Ω | Ç | ķ | Day |
|------|---------|-------------------|----------------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| M 1 | 6 44 12 | 10 ට 11'38 | 27 m 45 | 20 × 38 | 29 11 39 | 24 <u>₽</u> 46 | 24 × 127 | 7) €42 | 13°R27 | 16 ට 27 | 3 M .50 | 2°R26 | 1 M .38 | 1 Mp 43 | 18 Y 51 | M 1 |
| T 2 | 6 48 8 | 11°12'30 | 9 <u>۰</u> 43 | 21°56 | 0 才 51 | 25°17 | 24°40 | 7°47 | 13 Ω 25 | 16°29 | 3°51 | 2°D25 | 1°35 | 1°50 | 18°52 | T 2 |
| W 3 | 6 52 5 | 12°13'22 | 21°52 | 23°15 | 2° 2 | 25°48 | 24°53 | 7°52 | 13°23 | 16°31 | 3°52 | 2 M 26 | 1°32 | 1°57 | 18°52 | W 3 |
| T 4 | 6 56 1 | 13°14'17 | 4 M L18 | 24°37 | 3°14 | 26°18 | 25° 6 | 7°57 | 13°21 | 16°34 | 3°53 | 2°R26 | 1°29 | 2° 4 | 18°52 | T 4 |
| F 5 | 6 59 58 | 14°15'12 | 17° 6 | 26° 0 | 4°26 | 26°49 | 25°19 | 8° 2 | 13°19 | 16°36 | 3°54 | 2°25 | 1°26 | 2°10 | 18°52 | F 5 |
| S 6 | 7 3 55 | 15°16'08 | 0 ₹ 21 | 27°23 | 5°38 | 27°19 | 25°32 | 8° 7 | 13°17 | 16°38 | 3°55 | 2°22 | 1°22 | 2°17 | 18°53 | S 6 |
| S 7 | 7 7 51 | 16°17'06 | 14° 3 | 28°48 | 6°50 | 27°49 | 25°44 | 8°12 | 13°14 | 16°40 | 3°56 | 2°16 | 1°19 | 2°24 | 18°53 | S 7 |
| M 8 | 7 11 48 | 17°18'04 | 28°14 | 0 궁 14 | 8° 2 | 28°19 | 25°57 | 8°18 | 13°12 | 16°43 | 3°57 | 2° 8 | 1°16 | 2°30 | 18°53 | M 8 |
| T 9 | 7 15 44 | 18°19'03 | 12 る 48 | 1°41 | 9°14 | 28°49 | 26°10 | 8°23 | 13°10 | 16°45 | 3°58 | 1°57 | 1°13 | 2°37 | 18°54 | T 9 |
| W10 | 7 19 41 | 19°20'03 | 27°39 | 3° 8 | 10°26 | 29°19 | 26°23 | 8°28 | 13° 8 | 16°47 | 3°59 | 1°45 | 1°10 | 2°44 | 18°55 | W10 |
| T 11 | 7 23 37 | 20°21'04 | 12≈39 | 4°36 | 11°39 | 29°49 | 26°36 | 8°34 | 13° 5 | 16°49 | 4° 0 | 1°34 | 1° 7 | 2°51 | 18°55 | T 11 |
| F 12 | 7 27 34 | 21°22'05 | 27°37 | 6° 5 | 12°51 | 0 M .18 | 26°48 | 8°40 | 13° 3 | 16°52 | 4° 1 | 1°24 | 1° 3 | 2°57 | 18°56 | F 12 |
| S 13 | 7 31 30 | 22°23'06 | 12 米 25 | 7°34 | 14° 4 | 0°47 | 27° 1 | 8°45 | 13° 0 | 16°54 | 4° 2 | 1°17 | 1° 0 | 3° 4 | 18°57 | S 13 |
| S 14 | 7 35 27 | 23°24'08 | 26°57 | 9° 3 | 15°16 | 1°16 | 27°14 | 8°51 | 12°58 | 16°56 | 4° 3 | 1°12 | 0°57 | 3°11 | 18°57 | S 14 |
| M15 | 7 39 24 | 24°25'09 | 11 Y 8 | 10°33 | 16°29 | 1°45 | 27°26 | 8°57 | 12°56 | 16°58 | 4° 3 | 1°10 | 0°54 | 3°17 | 18°58 | M15 |
| T 16 | 7 43 20 | 25°26'11 | 24°58 | 12° 3 | 17°41 | 2°14 | 27°39 | 9° 2 | 12°53 | 17° 1 | 4° 4 | 1°10 | 0°51 | 3°24 | 18°59 | T 16 |
| W17 | 7 47 17 | 26°27'14 | 8828 | 13°33 | 18°54 | 2°42 | 27°51 | 9° 8 | 12°51 | 17° 3 | 4° 5 | 1°10 | 0°48 | 3°31 | 19° 0 | W17 |
| T 18 | 7 51 13 | 27°28'16 | 21°40 | 15° 4 | 20° 7 | 3°10 | 28° 4 | 9°14 | 12°48 | 17° 5 | 4° 5 | 1° 9 | 0°44 | 3°37 | 19° 1 | T 18 |
| F 19 | 7 55 10 | 28°29'18 | 4 Ⅱ 37 | 16°36 | 21°20 | 3°38 | 28°16 | 9°20 | 12°46 | 17° 7 | 4° 6 | 1° 5 | 0°41 | 3°44 | 19° 2 | F 19 |
| S 20 | 7 59 6 | 29°30'21 | 17°21 | 18° 7 | 22°33 | 4° 6 | 28°28 | 9°26 | 12°43 | 17°10 | 4° 7 | 0°59 | 0°38 | 3°51 | 19° 3 | S 20 |
| S 21 | 8 3 3 | 0≈31'24 | 29°55 | 19°39 | 23°46 | 4°34 | 28°41 | 9°32 | 12°41 | 17°12 | 4° 7 | 0°50 | 0°35 | 3°58 | 19° 4 | S 21 |
| M22 | 8 6 59 | 1°32'27 | 129519 | 21°11 | 24°59 | 5° 2 | 28°53 | 9°38 | 12°38 | 17°14 | 4° 8 | 0°38 | 0°32 | 4° 4 | 19° 6 | M22 |
| T 23 | 8 10 56 | 2°33'30 | 24°34 | 22°44 | 26°12 | 5°29 | 29° 5 | 9°45 | 12°36 | 17°16 | 4° 8 | 0°24 | 0°28 | 4°11 | 19° 7 | T 23 |
| W24 | 8 14 53 | 3°34'33 | 6 Ω 42 | 24°16 | 27°25 | 5°56 | 29°17 | 9°51 | 12°33 | 17°18 | 4° 9 | 0° 9 | 0°25 | 4°18 | 19° 8 | W24 |
| T 25 | 8 18 49 | 4°35'36 | 18°42 | 25°49 | 28°38 | 6°23 | 29°29 | 9°57 | 12°31 | 17°21 | 4° 9 | 29 ≙ 54 | 0°22 | 4°24 | 19°10 | T 25 |
| F 26 | 8 22 46 | 5°36'40 | 0 m y37 | 27°23 | 29°51 | 6°49 | 29°41 | 10° 3 | 12°28 | 17°23 | 4° 9 | 29°41 | 0°19 | 4°31 | 19°11 | F 26 |
| S 27 | 8 26 42 | 6°37'43 | 12°28 | 28°57 | 1ਰ 5 | 7°16 | 29°53 | 10°10 | 12°26 | 17°25 | 4°10 | 29°30 | 0°16 | 4°38 | 19°13 | S 27 |
| S 28 | 8 30 39 | 7°38'47 | 24°16 | 0≈31 | 2°18 | 7°42 | 0 | 10°16 | 12°23 | 17°27 | 4°10 | 29°23 | 0°13 | 4°44 | 19°14 | S 28 |
| M29 | 8 34 35 | 8°39'51 | 6 ₾ 6 | 2° 5 | 3°31 | 8° 8 | 0°17 | 10°23 | 12°20 | 17°29 | 4°10 | 29°18 | 0° 9 | 4°51 | 19°16 | M29 |
| T 30 | 8 38 32 | 9°40'55 | 18° 2 | 3°40 | <u>4</u> °45 | 8°34 | <u>0°29</u> | 10°29 | 12°18 | 1 <u>7</u> °31 | 4°11 | 29°16 | 0° 6 | 4°58 | 19°17 | T 30 |
| W31 | 8 42 28 | 10≈42'00 | OM 8 | 5 ≈ 15 | 5 궁 58 | 8 M .59 | 0 궁 40 | 10 ∺ 36 | 12 \O 15 | 17 る 34 | 4 M .11 | 29°D16 | OM 3 | 5 m) 5 | 19 Y 19 | W31 |

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| Day | Sid.t | 0 | 9 | φ | φ | δ | 4 | ħ | ¥ | ¥ | 2 | ß | Ω | ţ | Š. | Day |
|------|----------|-----------------|-----------------|----------------|---------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|------|
| T 1 | 8 46 25 | 11≈43'04 | 12 M .30 | 6≈51 | 7 云 12 | 9 M 25 | 0 궁 52 | 10) 42 | 12°R13 | 17 云 36 | 4 M .11 | 29°R16 | 29 Ω 59 | 5 m) 11 | 19 Y 21 | T 1 |
| F 2 | 8 50 22 | 12°44'09 | 25°12 | 8°27 | 8°25 | 9°50 | 1° 4 | 10°49 | 12 Ω 10 | 17°38 | 4°11 | 29 ≏ 15 | 29°57 | 5°18 | 19°22 | F 2 |
| S 3 | 8 54 18 | 13°45'14 | 8 . ₹21 | 10° 4 | 9°39 | 10°14 | 1°15 | 10°56 | 12° 7 | 17°40 | 4°11 | 29°13 | 29°53 | 5°25 | 19°24 | S 3 |
| S 4 | 8 58 15 | 14°46'19 | 21°59 | 11°41 | 10°53 | 10°39 | 1°26 | 11° 2 | 12° 5 | 17°42 | 4°11 | 29° 8 | 29°50 | 5°31 | 19°26 | S 4 |
| M 5 | 9 2 11 | 15°47'24 | 6 ප 7 | 13°18 | 12° 6 | 11° 3 | 1°38 | 11° 9 | 12° 2 | 17°44 | 4°R11 | 29° 1 | 29°47 | 5°38 | 19°28 | M 5 |
| T 6 | 9 6 8 | 16°48'29 | 20°44 | 14°56 | 13°20 | 11°27 | 1°49 | 11°16 | 12° 0 | 17°46 | 4°11 | 28°51 | 29°44 | 5°45 | 19°30 | T 6 |
| W 7 | 9 10 4 | 17°49'34 | 5≈44 | 16°35 | 14°34 | 11°51 | 2° 0 | 11°22 | 11°57 | 17°48 | 4°11 | 28°40 | 29°41 | 5°51 | 19°32 | W 7 |
| T 8 | 9 14 1 | 18°50'39 | 20°58 | 18°14 | 15°48 | 12°14 | 2°11 | 11°29 | 11°54 | 17°50 | 4°11 | 28°29 | 29°38 | 5°58 | 19°34 | T 8 |
| F 9 | 9 17 57 | 19°51'43 | 6 ∺ 15 | 19°53 | 17° 2 | 12°37 | 2°22 | 11°36 | 11°52 | 17°52 | 4°11 | 28°20 | 29°34 | 6° 5 | 19°36 | F 9 |
| S 10 | 9 21 54 | 20°52'46 | 21°23 | 21°33 | 18°15 | 13° 0 | 2°33 | 11°43 | 11°49 | 17°54 | 4°11 | 28°12 | 29°31 | 6°11 | 19°38 | S 10 |
| S 11 | 9 25 51 | 21°53'49 | 6 Υ 15 | 23°14 | 19°29 | 13°22 | 2°44 | 11°50 | 11°47 | 17°56 | 4°11 | 28° 8 | 29°28 | 6°18 | 19°40 | S 11 |
| M12 | 9 29 47 | 22°54'51 | 20°43 | 24°55 | 20°43 | 13°44 | 2°55 | 11°57 | 11°44 | 17°58 | 4°10 | 28° 6 | 29°25 | 6°25 | 19°42 | M12 |
| T 13 | 9 33 44 | 23°55'53 | 4 8 45 | 26°36 | 21°57 | 14° 6 | 3° 5 | 12° 4 | 11°42 | 18° 0 | 4°10 | 28°D 6 | 29°22 | 6°32 | 19°45 | T 13 |
| W14 | 9 37 40 | 24°56'53 | 18°21 | 28°19 | 23°11 | 14°27 | 3°16 | 12°11 | 11°39 | 18° 2 | 4°10 | 28°R 7 | 29°19 | 6°38 | 19°47 | W14 |
| T 15 | 9 41 37 | 25°57'53 | 1 Ⅱ 33 | 0 ∺ 1 | 24°25 | 14°48 | 3°26 | 12°18 | 11°37 | 18° 4 | 4° 9 | 28° 7 | 29°15 | 6°45 | 19°49 | T 15 |
| F 16 | 9 45 33 | 26°58'52 | 14°25 | 1°44 | 25°39 | 15° 9 | 3°37 | 12°25 | 11°34 | 18° 6 | 4° 9 | 28° 5 | 29°12 | 6°52 | 19°52 | F 16 |
| S 17 | 9 49 30 | 27°59'50 | 27° 0 | 3°28 | 26°53 | 15°30 | 3°47 | 12°32 | 11°32 | 18° 7 | 4° 9 | 28° 1 | 29° 9 | 6°58 | 19°54 | S 17 |
| S 18 | 9 53 26 | 29° 0'47 | 99522 | 5°12 | 28° 7 | 15°50 | 3°57 | 12°39 | 11°29 | 18° 9 | 4° 8 | 27°54 | 29° 6 | 7° 5 | 19°57 | S 18 |
| M19 | 9 57 23 | 0 光 1'42 | 21°34 | 6°56 | 29°21 | 16° 9 | 4° 7 | 12°46 | 11°27 | 18°11 | 4° 8 | 27°46 | 29° 3 | 7°12 | 19°59 | M19 |
| T 20 | 10 1 20 | 1° 2'37 | 3 Ω 38 | 8°41 | 0≈35 | 16°29 | 4°17 | 12°53 | 11°24 | 18°13 | 4° 7 | 27°35 | 28°59 | 7°18 | 20° 2 | T 20 |
| W21 | 10 5 16 | 2° 3'32 | 15°36 | 10°26 | 1°49 | 16°48 | 4°27 | 13° 0 | 11°22 | 18°15 | 4° 7 | 27°24 | 28°56 | 7°25 | 20° 4 | W21 |
| T 22 | 10 9 13 | 3° 4'25 | 27°30 | 12°11 | 3° 3 | 17° 6 | 4°37 | 13° 7 | 11°20 | 18°16 | 4° 6 | 27°12 | 28°53 | 7°32 | 20° 7 | T 22 |
| F 23 | 10 13 9 | 4° 5'17 | 9 m 21 | 13°56 | 4°18 | 17°24 | 4°47 | 13°14 | 11°17 | 18°18 | 4° 6 | 27° 3 | 28°50 | 7°38 | 20° 9 | F 23 |
| S 24 | 10 17 6 | 5° 6'08 | 21°11 | 15°41 | 5°32 | 17°42 | 4°56 | 13°21 | 11°15 | 18°20 | 4° 5 | 26°55 | 28°47 | 7°45 | 20°12 | S 24 |
| S 25 | 10 21 2 | 6° 6'59 | 3 ₾ 2 | 17°26 | 6°46 | 17°59 | 5° 6 | 13°29 | 11°13 | 18°21 | 4° 4 | 26°49 | 28°44 | 7°52 | 20°15 | S 25 |
| M26 | 10 24 59 | 7° 7'48 | 14°56 | 19°11 | 8° 0 | 18°16 | 5°15 | 13°36 | 11°10 | 18°23 | 4° 4 | 26°46 | 28°40 | 7°59 | 20°18 | M26 |
| T 27 | 10 28 55 | 8° 8'37 | 26°55 | 20°55 | 9°14 | 18°33 | 5°24 | 13°43 | 11° 8 | 18°25 | 4° 3 | 26°D45 | 28°37 | 8° 5 | 20°20 | T 27 |
| W28 | 10 32 52 | 9 米 9'25 | 9 ™ 4 | 22) 38 | 10≈29 | 18 M .49 | 5 云 33 | 13 米 50 | 11 0 6 | 18 궁 26 | 4M 2 | 26 ≏ 46 | 28 ≏ 34 | 8 Mp 12 | 20 Y 23 | W28 |

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|------|----------|-------------------|------------------|----------------|-----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 10 36 49 | 10) 10'12 | 21M26 | 24) 19 | 11≈43 | 19 M 4 | 5 七 42 | 13 米 57 | 11°R 4 | 18 궁 28 | 4°R 1 | 26 <u>₽</u> 47 | 28 ≏ 31 | 8 m)19 | 20 Y 26 | T 1 |
| F 2 | 10 40 45 | 11°10'58 | 4 ₹ 6 | 25°59 | 12°57 | 19°20 | 5°51 | 14° 4 | 11 Ω 1 | 18°30 | 4 M . 1 | 26°48 | 28°28 | 8°25 | 20°29 | F 2 |
| S 3 | 10 44 42 | 12°11'44 | 17° 9 | 27°37 | 14°11 | 19°34 | 6° 0 | 14°12 | 10°59 | 18°31 | 4° 0 | 26°R48 | 28°25 | 8°32 | 20°32 | S 3 |
| S 4 | 10 48 38 | 13°12'29 | 0 궁 37 | 29°13 | 15°26 | 19°48 | 6° 9 | 14°19 | 10°57 | 18°33 | 3°59 | 26°47 | 28°21 | 8°39 | 20°35 | S 4 |
| M 5 | 10 52 35 | 14°13'13 | 14°34 | 0 Υ 45 | 16°40 | 20° 2 | 6°17 | 14°26 | 10°55 | 18°34 | 3°58 | 26°44 | 28°18 | 8°45 | 20°38 | M 5 |
| T 6 | 10 56 31 | 15°13'56 | 28°59 | 2°14 | 17°54 | 20°15 | 6°26 | 14°33 | 10°53 | 18°35 | 3°57 | 26°39 | 28°15 | 8°52 | 20°41 | T 6 |
| W 7 | 11 0 28 | 16°14'38 | 13 ≈ 49 | 3°39 | 19° 9 | 20°28 | 6°34 | 14°40 | 10°51 | 18°37 | 3°56 | 26°32 | 28°12 | 8°59 | 20°44 | W 7 |
| T 8 | 11 4 24 | 17°15'18 | 28°57 | 4°59 | 20°23 | 20°40 | 6°42 | 14°48 | 10°49 | 18°38 | 3°55 | 26°26 | 28° 9 | 9° 5 | 20°47 | T 8 |
| F 9 | 11 8 21 | 18°15'58 | 14) (13 | 6°13 | 21°37 | 20°51 | 6°50 | 14°55 | 10°47 | 18°40 | 3°54 | 26°21 | 28° 5 | 9°12 | 20°50 | F 9 |
| S 10 | 11 12 17 | 19°16'36 | 29°28 | 7°21 | 22°52 | 21° 2 | 6°58 | 15° 2 | 10°45 | 18°41 | 3°53 | 26°17 | 28° 2 | 9°19 | 20°53 | S 10 |
| S 11 | 11 16 14 | 20°17'13 | 14 Y 30 | 8°22 | 24° 6 | 21°13 | 7° 6 | 15° 9 | 10°44 | 18°42 | 3°52 | 26°14 | 27°59 | 9°26 | 20°56 | S 11 |
| M12 | 11 20 11 | 21°17'48 | 29°12 | 9°15 | 25°20 | 21°23 | 7°13 | 15°16 | 10°42 | 18°44 | 3°51 | 26°D14 | 27°56 | 9°32 | 20°59 | M12 |
| T 13 | 11 24 7 | 22°18'22 | 13828 | 10° 0 | 26°35 | 21°32 | 7°21 | 15°23 | 10°40 | 18°45 | 3°50 | 26°15 | 27°53 | 9°39 | 21° 2 | T 13 |
| W14 | 11 28 4 | 23°18'54 | 27°16 | 10°37 | 27°49 | 21°40 | 7°28 | 15°31 | 10°38 | 18°46 | 3°49 | 26°16 | 27°50 | 9°46 | 21° 6 | W14 |
| T 15 | 11 32 0 | 24°19'25 | 10 Ⅲ 38 | 11° 3 | 29° 4 | 21°48 | 7°35 | 15°38 | 10°37 | 18°47 | 3°47 | 26°18 | 27°46 | 9°52 | 21° 9 | T 15 |
| F 16 | 11 35 57 | 25°19'54 | 23°35 | 11°20 | 0) (18 | 21°56 | 7°42 | 15°45 | 10°35 | 18°48 | 3°46 | 26°R18 | 27°43 | 9°59 | 21°12 | F 16 |
| S 17 | 11 39 53 | 26°20'21 | 6911 | 11°R27 | 1°32 | 22° 3 | 7°49 | 15°52 | 10°33 | 18°50 | 3°45 | 26°18 | 27°40 | 10° 6 | 21°15 | S 17 |
| S 18 | 11 43 50 | 27°20'46 | 18°30 | 11°24 | 2°47 | 22° 9 | 7°56 | 15°59 | 10°32 | 18°51 | 3°44 | 26°16 | 27°37 | 10°12 | 21°18 | S 18 |
| M19 | 11 47 46 | 28°21'09 | 0 Ω 37 | 11°10 | 4° 1 | 22°14 | 8° 3 | 16° 6 | 10°30 | 18°52 | 3°42 | 26°13 | 27°34 | 10°19 | 21°22 | M19 |
| T 20 | 11 51 43 | 29°21'31 | 12°35 | 10°48 | 5°16 | 22°19 | 8° 9 | 16°13 | 10°29 | 18°53 | 3°41 | 26° 9 | 27°30 | 10°26 | 21°25 | T 20 |
| W21 | 11 55 40 | 0 Υ 21'51 | 24°27 | 10°16 | 6°30 | 22°23 | 8°16 | 16°20 | 10°27 | 18°54 | 3°40 | 26° 4 | 27°27 | 10°32 | 21°28 | W21 |
| T 22 | 11 59 36 | 1°22'09 | 6 m)18 | 9°36 | 7°44 | 22°27 | 8°22 | 16°27 | 10°26 | 18°55 | 3°39 | 26° 0 | 27°24 | 10°39 | 21°32 | T 22 |
| F 23 | 12 3 33 | 2°22'25 | 18° 8 | 8°49 | 8°59 | 22°30 | 8°28 | 16°34 | 10°25 | 18°56 | 3°37 | 25°56 | 27°21 | 10°46 | 21°35 | F 23 |
| S 24 | 12 7 29 | 3°22'39 | 0 亚 0 | 7°56 | 10°13 | 22°32 | 8°34 | 16°41 | 10°23 | 18°57 | 3°36 | 25°53 | 27°18 | 10°52 | 21°39 | S 24 |
| S 25 | 12 11 26 | 4°22'52 | 11°56 | 6°58 | 11°28 | 22°33 | 8°39 | 16°48 | 10°22 | 18°58 | 3°34 | 25°51 | 27°15 | 10°59 | 21°42 | S 25 |
| M26 | 12 15 22 | 5°23'03 | 23°58 | 5°58 | 12°42 | 22°34 | 8°45 | 16°55 | 10°21 | 18°58 | 3°33 | 25°D50 | 27°11 | 11° 6 | 21°45 | M26 |
| T 27 | 12 19 19 | 6°23'13 | 6 M 8 | 4°56 | 13°57 | 22°R34 | 8°50 | 17° 2 | 10°20 | 18°59 | 3°32 | 25°50 | 27° 8 | 11°12 | 21°49 | T 27 |
| W28 | 12 23 15 | 7°23'21 | 18°28 | 3°53 | 15°11 | 22°33 | 8°56 | 17° 9 | 10°19 | 19° 0 | 3°30 | 25°51 | 27° 5 | 11°19 | 21°52 | W28 |
| T 29 | 12 27 12 | 8°23'27 | 1 ₹ 0 | 2°52 | 16°25 | 22°32 | 9° 1 | 17°16 | 10°18 | 19° 1 | 3°29 | 25°53 | 27° 2 | 11°26 | 21°56 | T 29 |
| F 30 | 12 31 9 | 9°23'33 | 13°47 | 1°54 | 17°40 | 22°30 | 9° 6 | 17°23 | 10°17 | 19° 2 | 3°27 | 25°54 | 26°59 | 11°33 | 21°59 | F 30 |
| S 31 | 12 35 5 | 10 Y 23'36 | 26 ₹ 52 | 1 Υ 0 | 18) 54 | 22 M 27 | 9 ට 10 | 17 米 30 | 10 Ω 16 | 19る2 | 3 M 26 | 25 ≏ 55 | 26 ♀ 56 | 11 m 39 | 22 ° 3 | S 31 |

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| S 1 | 12 39 2 | 11 Y 23'38 | 10 궁 17 | 0°R10 | 20) 9 | 22°R23 | 9 ට 15 | 17) (37 | 10°R15 | 19る3 | 3°R24 | 25°R56 | 26 ₽ 52 | 11 M)46 | 22Υ 6 | S 1 |
| M 2 | 12 42 58 | 12°23'39 | 24° 5 | 29 米 25 | 21°23 | 22 M 19 | 9°19 | 17°43 | 10 Ω 14 | 19° 4 | 3 M 23 | 25 ≏ 55 | 26°49 | 11°53 | 22° 9 | M 2 |
| T 3 | 12 46 55 | 13°23'38 | 8≈14 | 28°47 | 22°38 | 22°13 | 9°24 | 17°50 | 10°13 | 19° 4 | 3°21 | 25°54 | 26°46 | 11°59 | 22°13 | T 3 |
| W 4 | 12 50 51 | 14°23'35 | 22°44 | 28°15 | 23°52 | 22° 7 | 9°28 | 17°57 | 10°12 | 19° 5 | 3°20 | 25°53 | 26°43 | 12° 6 | 22°16 | W 4 |
| T 5 | 12 54 48 | 15°23'31 | 7) €32 | 27°49 | 25° 6 | 22° 0 | 9°31 | 18° 4 | 10°12 | 19° 5 | 3°18 | 25°52 | 26°40 | 12°13 | 22°20 | T 5 |
| F 6 | 12 58 44 | 16°23'26 | 22°30 | 27°29 | 26°21 | 21°53 | 9°35 | 18°10 | 10°11 | 19° 6 | 3°16 | 25°51 | 26°36 | 12°19 | 22°23 | F 6 |
| S 7 | 13 241 | 17°23'18 | 7 Ƴ 31 | 27°17 | 27°35 | 21°44 | 9°39 | 18°17 | 10°11 | 19° 6 | 3°15 | 25°50 | 26°33 | 12°26 | 22°27 | S 7 |
| S 8 | 13 6 37 | 18°23'09 | 22°26 | 27°10 | 28°50 | 21°35 | 9°42 | 18°23 | 10°10 | 19° 7 | 3°13 | 25°D50 | 26°30 | 12°33 | 22°30 | S 8 |
| M 9 | 13 10 34 | 19°22'57 | 7 8 7 | 27°D10 | 0 Υ 4 | 21°25 | 9°45 | 18°30 | 10°10 | 19° 7 | 3°12 | 25°50 | 26°27 | 12°39 | 22°34 | M 9 |
| T 10 | 13 14 31 | 20°22'44 | 21°27 | 27°16 | 1°19 | 21°14 | 9°48 | 18°36 | 10° 9 | 19° 7 | 3°10 | 25°50 | 26°24 | 12°46 | 22°38 | T 10 |
| W11 | 13 18 27 | 21°22'29 | 5 Ⅱ 23 | 27°27 | 2°33 | 21° 3 | 9°51 | 18°43 | 10° 9 | 19° 8 | 3° 8 | 25°51 | 26°21 | 12°53 | 22°41 | W11 |
| T 12 | 13 22 24 | 22°22'12 | 18°54 | 27°44 | 3°47 | 20°50 | 9°54 | 18°49 | 10° 8 | 19° 8 | 3° 7 | 25°51 | 26°17 | 12°59 | 22°45 | T 12 |
| F 13 | 13 26 20 | 23°21'53 | 1958 | 28° 6 | 5° 2 | 20°37 | 9°56 | 18°56 | 10° 8 | 19° 8 | 3° 5 | 25°51 | 26°14 | 13° 6 | 22°48 | F 13 |
| S 14 | 13 30 17 | 24°21'31 | 14°40 | 28°32 | 6°16 | 20°24 | 9°59 | 19° 2 | 10° 8 | 19° 9 | 3° 3 | 25°51 | 26°11 | 13°13 | 22°52 | S 14 |
| S 15 | 13 34 13 | 25°21'07 | 27° 3 | 29° 4 | 7°31 | 20° 9 | 10° 1 | 19°8 | 10° 8 | 19° 9 | 3° 2 | 25°51 | 26° 8 | 13°19 | 22°55 | S 15 |
| M16 | 13 38 10 | 26°20'41 | 9Ω10 | 29°39 | 8°45 | 19°54 | 10° 3 | 19°15 | 10° 8 | 19° 9 | 3° 0 | 25°51 | 26° 5 | 13°26 | 22°59 | M16 |
| T 17 | 13 42 6 | 27°20'13 | 21° 8 | 0 Υ 19 | 9°59 | 19°38 | 10° 4 | 19°21 | 10°D 8 | 19° 9 | 2°58 | 25°52 | 26° 2 | 13°33 | 23° 2 | T 17 |
| W18 | 13 46 3 | 28°19'42 | 2 m 59 | 1° 2 | 11°14 | 19°22 | 10° 6 | 19°27 | 10° 8 | 19° 9 | 2°57 | 25°52 | 25°58 | 13°40 | 23° 6 | W18 |
| T 19 | 13 50 0 | 29°19'09 | 14°48 | 1°49 | 12°28 | 19° 5 | 10° 7 | 19°33 | 10° 8 | 19° 9 | 2°55 | 25°52 | 25°55 | 13°46 | 23° 9 | T 19 |
| F 20 | 13 53 56 | 0 8 18'35 | 26°39 | 2°40 | 13°42 | 18°47 | 10° 8 | 19°39 | 10° 8 | 19°R 9 | 2°53 | 25°53 | 25°52 | 13°53 | 23°13 | F 20 |
| S 21 | 13 57 53 | 1°17'58 | 8 ₾ 35 | 3°33 | 14°57 | 18°29 | 10° 9 | 19°45 | 10° 8 | 19° 9 | 2°52 | 25°53 | 25°49 | 14° 0 | 23°16 | S 21 |
| S 22 | 14 1 49 | 2°17'19 | 20°39 | 4°30 | 16°11 | 18°10 | 10°10 | 19°51 | 10° 8 | 19° 9 | 2°50 | 25°R53 | 25°46 | 14° 6 | 23°20 | S 22 |
| M23 | 14 5 46 | 3°16'38 | 2 M 53 | 5°29 | 17°25 | 17°51 | 10°11 | 19°57 | 10° 9 | 19° 9 | 2°48 | 25°53 | 25°42 | 14°13 | 23°23 | M23 |
| T 24 | 14 9 42 | 4°15'55 | 15°18 | 6°31 | 18°40 | 17°31 | 10°11 | 20° 3 | 10° 9 | 19° 9 | 2°47 | 25°53 | 25°39 | 14°20 | 23°27 | T 24 |
| W25 | 14 13 39 | 5°15'10 | 27°56 | 7°36 | 19°54 | 17°10 | 10°12 | 20° 9 | 10° 9 | 19° 9 | 2°45 | 25°52 | 25°36 | 14°26 | 23°30 | W25 |
| T 26 | 14 17 35 | 6°14'23 | 10 ∡ 47 | 8°43 | 21° 8 | 16°50 | 10°R12 | 20°14 | 10°10 | 19° 9 | 2°43 | 25°51 | 25°33 | 14°33 | 23°34 | T 26 |
| F 27 | 14 21 32 | 7°13'35 | 23°51 | 9°52 | 22°22 | 16°28 | 10°12 | 20°20 | 10°10 | 19° 9 | 2°42 | 25°49 | 25°30 | 14°40 | 23°37 | F 27 |
| S 28 | 14 25 29 | 8°12'45 | 7 궁 10 | 11° 4 | 23°37 | 16° 7 | 10°11 | 20°26 | 10°11 | 19° 8 | 2°40 | 25°48 | 25°27 | 14°46 | 23°41 | S 28 |
| S 29 | 14 29 25 | 9°11'53 | 20°43 | 12°18 | 24°51 | 15°45 | 10°11 | 20°31 | 10°11 | 19°8 | 2°38 | 25°47 | 25°23 | 14°53 | 23°44 | S 29 |
| M30 | 14 33 22 | 10 8 10'59 | 4≈31 | 13 Y 34 | 26 Y 5 | 15 M 23 | 10る10 | 20 米 37 | 10 Ω 12 | 19る8 | 2 M 37 | 25°D46 | 25 ≙ 20 | 15 m) 0 | 23 Ƴ 47 | M30 |

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| T 1 | 14 37 18 | 11810'04 | 18 ≈ 32 | 14 Y 52 | 27 Υ 19 | 15°R 0 | 10°R 9 | 20) 42 | 10 Ω 13 | 19°R 7 | 2°R35 | 25 ₽ 46 | 25 ≙ 17 | 15 Mp 6 | 23 Y 51 | T 1 |
| W 2 | 14 41 15 | 12° 9'07 | 2) (47 | 16°12 | 28°34 | 14ML37 | 10중 8 | 20°48 | 10°13 | 19중 7 | 2M 33 | 25°47 | 25°14 | 15°13 | 23°54 | W 2 |
| T 3 | 14 45 11 14 49 8 | 13° 8'08 14° 7'08 | 17°12 1 Ƴ 44 | 17°33 | 29°48 1 8 2 | 14°14 13°51 | 10° 7 10° 6 | 20°53 20°58 | 10°14 10°15 | 19° 7 19° 6 | 2°32 2°30 | 25°48 25°49 | 25°11 25° 7 | 15°20 15°26 | 23°58 24° 1 | T 3 F 4 |
| F 4 S 5 | 14 49 8 14 53 4 | 14° /'08 15° 6'06 | 1 f 44 | 18°57 20°22 | 2°16 | 13°28 | 10° 6 10° 4 | 20°58 21° 3 | 10°15 10°16 | 19° 6 | 2°28 | 25°50 | 25° 4 | 15°26 | 24° 1 | F 4 S 5 |
| | | | | | _ | | - | _ | | | | | | | | |
| S 6 | 14 57 1 | 16° 5'02 17° 3'56 | 0852 | 21°49 23°18 | 3°31 | 13° 5 | 10° 2 | 21° 8 | 10°17 | 19° 5 19° 5 | 2°27 | 25°R50 | 25° 1 | 15°40 | 24° 8 | S 6 |
| M 7 T 8 | 15 0 57 15 4 54 | 17° 3'56 18° 2'49 | 15°16 29°26 | 23°18 24°49 | 4°45 5°59 | 12°42 12°19 | 10° 0 9°58 | 21°13 21°18 | 10°18 10°19 | 19° 5 19° 4 | 2°25 2°24 | 25°49 25°47 | 24°58 24°55 | 15°46 15°53 | 24°11 24°14 | M 7 T 8 |
| $\begin{bmatrix} 1 & 6 \\ W & 9 \end{bmatrix}$ | 15 4 54 | 18 249 19° 1'39 | 13 II 18 | 24 49 26°21 | 7°13 | 12 19 11°56 | 9°56 | 21°23 | 10°19 | 19 4 19° 4 | 2°22 | 25°44 | 24°52 | 16° 0 | 24°17 | W 9 |
| T 10 | 15 12 47 | 20° 0'28 | 26°48 | 27°55 | 8°27 | 11°33 | 9°53 | 21°28 | 10°21 | 19° 3 | 2°20 | 25°41 | 24°48 | 16° 6 | 24°21 | T 10 |
| F 11 | 15 16 44 | 20°59'14 | 9955 | 29°30 | 9°42 | 11°11 | 9°50 | 21°33 | 10°23 | 19° 2 | 2°19 | 25°37 | 24°45 | 16°13 | 24°24 | F 11 |
| S 12 | 15 20 40 | 21°57'59 | 22°40 | 1 8 8 | 10°56 | 10°48 | 9°47 | 21°38 | 10°24 | 19° 2 | 2°17 | 25°33 | 24°42 | 16°20 | 24°27 | S 12 |
| S 13 | 15 24 37 | 22°56'41 | 5Ω 6 | 2°47 | 12°10 | 10°26 | 9°44 | 21°42 | 10°25 | 19° 1 | 2°16 | 25°31 | 24°39 | 16°26 | 24°30 | S 13 |
| M14 | 15 28 33 | 23°55'21 | 17°16 | 4°27 | 13°24 | 10° 4 | 9°41 | 21°47 | 10°27 | 19° 0 | 2°14 | 25°30 | 24°36 | 16°33 | 24°34 | M14 |
| T 15 | 15 32 30 | 24°53'59 | 29°14 | 6° 9 | 14°38 | 9°43 | 9°38 | 21°51 | 10°28 | 19° 0 | 2°13 | 25°D29 | 24°33 | 16°40 | 24°37 | T 15 |
| W16 | 15 36 26 | 25°52'35 | 11 Mp 6 | 7°53 | 15°52 | 9°22 | 9°34 | 21°56 | 10°29 | 18°59 | 2°11 | 25°30 | 24°29 | 16°46 | 24°40 | W16 |
| T 17 | 15 40 23 | 26°51'08 | 22°55 | 9°39 | 17° 6 | 9° 2 | 9°30 | 22° 0 | 10°31 | 18°58 | 2°10 | 25°32 | 24°26 | 16°53 | 24°43 | T 17 |
| F 18 | 15 44 20 | 27°49'40 | 4 <u>Ω</u> 48 | 11°26 13°15 | 18°20 19°34 | 8°42 | 9°26 9°22 | 22° 5 | 10°33 | 18°57 18°56 | 2° 8 2° 7 | 25°34 | 24°23 | 17° 0 | 24°46 | F 18 S 19 |
| S 19 | 15 48 16 | 28°48'09 | 16°48 | | | 8°22 | | 22° 9 | 10°34 | | | 25°35 | 24°20 | 17° 6 | 24°49 | |
| S 20 | 15 52 13 | 29°46'37 | 28°59 | 15° 5 | 20°49 | 8° 3 | 9°18 | 22°13 | 10°36 | 18°55 | 2° 5 | 25°R35 | 24°17 | 17°13 | 24°52 | S 20 |
| M21 T 22 | 15 56 9 16 0 6 | 0 ∏ 45'02 1°43'26 | 11 M 25 24° 6 | 16°58 18°52 | 22° 3 23°17 | 7°45 7°27 | 9°14 9° 9 | 22°17 22°21 | 10°38 10°39 | 18°54 18°53 | 2° 4 2° 3 | 25°34 25°31 | 24°13 24°10 | 17°20 17°26 | 24°55 24°58 | M21 T 22 |
| W23 | 16 4 2 | 2°41'48 | 7 ×7 4 | 20°48 | 24°31 | 7°10 | 9° 4 | 22°25 | 10°39 | 18°52 | 2° 1 | 25°27 | 24 10 24° 7 | 17°33 | 24 38 25° 1 | W23 |
| T 24 | 16 7 59 | 3°40'08 | 20°19 | 22°45 | 25°45 | 6°53 | 9° 0 | 22°29 | 10°43 | 18°51 | 2° 0 | 25°21 | 24° 4 | 17°40 | 25° 4 | T 24 |
| F 25 | 16 11 55 | 4°38'27 | 3 ප 48 | 24°44 | 26°59 | 6°37 | 8°55 | 22°32 | 10°45 | 18°50 | 1°58 | 25°15 | 24° 1 | 17°46 | 25° 7 | F 25 |
| S 26 | 16 15 52 | 5°36'44 | 17°30 | 26°45 | 28°13 | 6°22 | 8°49 | 22°36 | 10°47 | 18°49 | 1°57 | 25° 8 | 23°58 | 17°53 | 25°10 | S 26 |
| S 27 | 16 19 49 | 6°35'00 | 1≈22 | 28°47 | 29°27 | 6° 7 | 8°44 | 22°39 | 10°49 | 18°48 | 1°56 | 25° 3 | 23°54 | 18° 0 | 25°13 | S 27 |
| M28 | 16 23 45 | 7°33'14 | 15°22 | 0Д51 | 0 Ⅱ 41 | 5°54 | 8°39 | 22°43 | 10°51 | 18°47 | 1°54 | 24°59 | 23°51 | 18° 7 | 25°15 | M28 |
| T 29 | 16 27 42 | 8°31'27 | 29°27 | 2°56 | 1°55 | 5°41 | 8°33 | 22°46 | 10°53 | 18°46 | 1°53 | 24°57 | 23°48 | 18°13 | 25°18 | T 29 |
| W30 | 16 31 38 | 9°29'38 | 13) (36 | 5° 3 | 3° 9 | 5°28 | 8°27 | 22°50 | 10°55 | 18°45 | 1°52 | 24°D57 | 23°45 | 18°20 | 25°21 | W30 |
| T 31 | 16 35 35 | 10 Ⅱ 27'48 | 27) 47 | 7 耳 11 | 4 Ⅱ 23 | 5 M 17 | 8 중 21 | 22 米 53 | 10 Ω 57 | 18 る 44 | 1 M 51 | 24 ≏ 58 | 23 ≏ 42 | 18 m)27 | 25 Y 24 | T 31 |

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| 16 39 31 | 11 Ⅱ 25'57 | 11 Y 58 | 9∏20 | 5 Ⅱ 37 | 5°R 6 | 8°R16 | 22 米 56 | 10 Ω 59 | 18°R43 | 1°R49 | 24 Ω 59 | 23 <u>0</u> 39 | 18 M 33 | 25 Y 26 | F 1 |
| 16 43 28 | 12°24'04 | 26° 8 | 11°30 | 6°50 | 4 M .56 | 8 궁 9 | 22°59 | 11° 2 | 18 중 41 | 1 M .48 | 24°R59 | 23°35 | 18°40 | 25°29 | S 2 |
| 16 47 24 | 13°22'10 | 10813 | 13°40 | 8° 4 | 4°47 | 8° 3 | 23° 2 | 11° 4 | 18°40 | 1°47 | 24°58 | 23°32 | 18°47 | 25°31 | S 3 |
| 16 51 21 | 14°20'15 | 24°12 | 15°51 | 9°18 | 4°38 | 7°57 | 23° 5 | 11° 6 | 18°39 | 1°46 | 24°55 | 23°29 | 18°53 | 25°34 | M 4 |
| | | | - | | - | | | - | | - | | | - | | T 5 |
| | | | | - | | | | | | | | | | | W 6 |
| | | - | | | - | | | _ | | _ | _ | | | _ | T 7 F 8 |
| | - | | _ | | _ | | | - | | | | | | - | F 8 S 9 |
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| | | | | | | | | - | | | | | | | W13 |
| | - | | | | | | | - | | | | | | | T 14 |
| 17 34 43 | | 12°42 | 9° 3 | 22°51 | 3°59 | 6°41 | 23°30 | 11°34 | 18°24 | 1°35 | 23°59 | | 20° 7 | 26° 0 | F 15 |
| 17 38 40 | 25°55'10 | 24°44 | 10°58 | 24° 5 | 4° 0 | 6°34 | 23°32 | 11°37 | 18°23 | 1°34 | 23°R59 | 22°51 | 20°13 | 26° 2 | S 16 |
| 17 42 36 | 26°52'54 | 6 M .59 | 12°52 | 25°19 | 4° 2 | 6°26 | 23°34 | 11°40 | 18°21 | 1°34 | 23°58 | 22°48 | 20°20 | 26° 4 | S 17 |
| 17 46 33 | 27°50'37 | 19°33 | 14°42 | 26°33 | 4° 5 | 6°19 | 23°35 | 11°43 | 18°20 | 1°33 | 23°55 | 22°45 | 20°27 | 26° 6 | M18 |
| 17 50 29 | | 2 ₹ 26 | 16°30 | 27°47 | | 6°11 | 23°37 | 11°46 | | | 23°50 | 22°41 | 20°33 | | T 19 |
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| - | | | | | | | | | | | - | _ | | | T 28 |
| | | | | | | | | _ | - | | - | | | - | F 29 |
| 18 33 52 | 99521'45 | 6 8 38 | 2059 | 119918 | 5 m 31 | 4 3 347 | 23) 47 | 12 \O 19 | 18 ප 1 | 1M26 | 22 <u>0</u> 48 | 22 <u>0</u> 6 | 21 mp 47 | 26 Y 27 | S 30 |
| | 16 39 31 16 43 28 16 47 24 16 51 21 16 55 18 16 59 14 17 3 11 17 7 7 17 11 4 17 15 0 17 18 57 17 22 54 17 26 50 17 30 47 17 34 43 17 38 40 17 42 36 17 46 33 17 50 29 17 54 26 17 58 23 18 2 19 18 6 16 18 10 12 18 14 9 18 18 5 18 22 2 18 25 58 18 29 55 | 16 39 31 11 25'57 16 43 28 12°24'04 16 47 24 13°22'10 16 51 21 14°20'15 16 55 18 15°18'18 16 59 14 16°16'20 17 3 11 17°14'20 17 7 7 18°12'19 17 11 4 19°10'16 17 15 0 20° 8'11 17 18 57 21° 6'05 17 22 54 22° 3'57 17 26 50 23° 1'48 17 30 47 23°59'37 17 34 43 24°57'24 17 38 40 25°55'10 17 42 36 26°52'54 17 46 33 27°50'37 17 50 29 28°48'18 17 54 26 29°45'58 17 58 23 0\$\text{3}43'37 18 2 19 1°41'15 18 6 16 2°38'52 18 10 12 3°36'27 18 14 9 4°34'02 18 18 5 5°31'36 18 22 2 6°29'09 18 25 58 7°26'42 18 29 55 8°24'14 | 16 39 31 11 | 16 39 31 11 1 25'57 11 Y 58 11°30 16 43 28 12°24'04 26° 8 11°30 16 47 24 13°22'10 10 31 3°40 16 51 21 14°20'15 24°12 15°51 16 55 18 15°18'18 8 | 16 39 31 11 | 16 39 31 11 | 16 39 31 | 16 39 31 11Ⅲ25'57 11♈58 9Ⅲ20 5Ⅲ37 5°R 6 8°R16 22₭56 16 43 28 12°24'04 26° 8 11°30 6°50 4Ⅲ56 8♂ 9 22°59 16 47 24 13°22'10 10♂13 13°40 8° 4 4°47 8° 3 23° 2 16 51 21 14°20'15 24°12 15°51 9°18 4°38 7°57 23° 5 16 55 18 15°18'18 8Ⅲ 1 18° 2 10°32 4°31 7°50 23° 8 16 59 14 16°16'20 21°35 20°13 11°46 4°24 7°44 23°10 17 311 17°14'20 4©54 22°24 13° 0 4°18 7°37 23°13 17 7 7 18°12'19 17°54 24°34 14°14 4°13 7°30 23°15 17 11 4 19°10'16 0ん36 26°43 15°28 4° 8 7°24 23°18 17 18 57 21° 6′05 25°10 0©57 17°56 4° 2 7°10 23°22 17 22 54 22° 3'57 7№ 8 3° 1 19°10 4° 0 7° 3 23°25 17 26 50 23° 148 18°59 5° 4 20°24 3°59 6°55 23°27 17 38 40 25°55'10 24°44 10°58 24° 5 4° 0 6°34 23°32 17 42 36 26°52'54 6№59 24° 44 10°58 24° 5 4° 0 6°34 23°32 17 42 36 26°52'54 6№59 12°52 25°19 4° 2 6°26 23°34 17 46 33 27°50'37 10°33 14°42 26°33 4° 5 6°19 23°35 17 50 29 28°48'18 2√26 16°30 27°47 4° 8 6°11 23°37 17 58 23 0©343'37 29°18 19°57 0©14 4°17 5°56 23°39 18 2 19 1°41'15 13♂13 21°36 1°28 4° 22 5°49 23°41 18°51 29° 0 4°12 6° 4 23°38 17 58 23 0©343'37 29°18 19°57 0©14 4°17 5°56 23°39 18 2 19 1°41'15 13♂13 21°36 1°28 4°22 5°49 23°41 23°42 18°10 23°36'27 11≈40 24°24 5° 5° 40° 6° 44 23°38 17 58 23 0©343'37 29°18 19°57 0©14 4°17 5°56 23°39 18 2 19 1°41'15 13♂13 21°36 1°28 4°22 5°49 23°41 18°616 2°38'52 27°22 23°12 2°42 4°29 5°41 23°42 18°10 2 3°36'27 11≈40 24°45 3°56 4°36 5°33 23°44 18°16 2°38'52 27°22 23°12 2°42 4°29 5°41 23°42 18°18 5 5°31'36 10¥22 27°42 6°23 4°51 5°18 23°44 18°15 5°31'36 10¥22 27°42 6°23 4°51 5°18 23°44 18°15 5°31'36 10¥22 27°42 6°23 4°51 5°18 23°44 18°15 5°31'36 10¥22 27°42 6°23 4°51 5°10 5° 3 23°46 18°25 8°26'414 22°46 1°45 10° 5 5°20 4°55 23°46 | 16 39 31 11Ⅲ25'57 11Y'58 9 Ⅲ20 5 Ⅲ37 5°R 6 8°R16 22¥56 10Q59 16 43 28 12°24'04 26° 8 11°30 6°50 4™.56 8♂ 9 22°59 11° 2 16 47 24 13°22'10 10♂ 13 13°40 8° 4 4°47 8° 3 23° 2 11° 4 16 51 21 14°20'15 24°12 15°51 9°18 4°38 7°57 23° 5 11° 6 16 55 18 15°18'18 8Ⅲ 1 18° 2 10°32 4°31 7°50 23° 8 11° 9 16 59 14 16°16'20 21°35 20°13 11°46 4°24 7°44 23°10 11°11 17 3 11 17°14'20 4Ф54 22°24 13° 0 4°18 7°37 23°13 11°13 17 7 7 18°12'19 17°54 24°34 14°14 4°13 7°30 23°15 11°16 17 11 4 19°10'16 0Q36 26°43 15°28 4° 8 7°24 23°18 11°18 11°18 17 15 0 20° 8'11 13° 0 28°51 16°42 4° 5 4° 22° 21°25 11°26 17 125 4 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 25 4 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 25 4 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 25 54 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 25 54 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 25 54 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 25 54 22° 3'57 7™ 8 3° 1 19°10 4° 0 7° 3 23°25 11°26 17 26 50 23° 148 18°59 5° 4 20°24 3°59 6°55 23°27 11°29 17 30 47 23°59'37 0Ф49 7° 5 21°37 3°D59 6°48 23°29 11°32 17 34 43 24°57'24 12°42 9° 3 22°51 3°59 6°41 23°30 11°34 17 38 40 25°55'10 24°44 10°58 24° 5 4° 0 6°34 23°32 11°37 17 42 36 26°52'54 6™59 12°52 25°19 4° 2 6°26 23°34 11°40 17 46 33 27°50'37 19°33 14°42 26°33 4° 5 6°19 23°35 11°43 17 50 29 28°48'18 2Æ26 16°30 27°47 4° 8 6°11 23°37 11°46 17 58 23 0©343'37 29°18 19°57 0©14 4°17 5°56 23°39 11°51 18 219 1°41'15 13♂313 21°36 1°28 4°22 5°49 23°41 11°54 18 616 2°38'52 27°22 23°12 2°42 4°29 5°41 23°42 11°57 18 10 12 3°36'27 11≈40 24°45 3°56 4°36 5°33 23°43 12° 0 18 14 9 4°34'02 26° 2 26°15 5° 9 4°43 5°26 23°44 12° 3 18 18 5 5°31'36 10¥22 27°42 6°23 4°51 5°10 5°3 23°46 12°13 18 29 5 8°24'14 22°46 1°45 10°5 5°20 4°55 23°46 12°13 18 29 5 8°24'14 22°46 1°45 10°5 5°20 4°55 23°46 12°13 18 29 5 8°24'14 22°46 1°45 10°5 5°20 4°55 23°46 12°13 | 16 39 31 | 16 39 31 11町25'57 11 17 58 9町20 5町37 5°R 6 8°R 16 22分56 100公59 18°R 43 1°R 49 16 43 28 12°24'04 26° 8 11°30 6°50 4町26 8♂ 9 22°59 11° 2 18♂41 1 1 1 1 1 1 1 1 1 | 16 39 31 11 | 16 39 31 | 16 39 31 11 11 25'57 11 11 75 8 9 11 20 5 11 37 5°R 6 8°R 16 22 11 5°C 11 10 10 5 1 11 10 10 10 10 10 13 13°40 8°C 4 11 10 10 10 10 13 13°40 8°C 4 11 10 10 10 10 13 13°40 8°C 4 11 10 10 10 13 13°40 8°C 4 11 10 10 10 13 13°40 10 10 10 10 13 13°40 10 10 10 10 10 10 10 10 10 10 10 10 10 | $ \begin{array}{c 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|------|----------|------------------|----------------|---------------|-----------------------------------|-----------------|---------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 18 37 48 | 109519'16 | 20 8 22 | 4 Ω 10 | 12932 | 5 M .42 | 4°R40 | 23){ 47 | 12 \O 22 | 17°R59 | 1°R26 | 22°R46 | 22 º 3 | 21 m 53 | 26 Y 29 | S 1 |
| M 2 | 18 41 45 | 11°16'46 | 3耳56 | 5°18 | 13°46 | 5°54 | 4 る 32 | 23°47 | 12°25 | 17 云 58 | 1 M 26 | 22 ≏ 41 | 22° 0 | 22° 0 | 26°30 | M 2 |
| T 3 | 18 45 41 | 12°14'15 | 17°20 | 6°23 | 15° 0 | 6° 7 | 4°25 | 23°47 | 12°29 | 17°56 | 1°25 | 22°33 | 21°57 | 22° 7 | 26°31 | T 3 |
| W 4 | 18 49 38 | 13°11'44 | 0932 | 7°24 | 16°14 | 6°20 | 4°17 | 23°R47 | 12°32 | 17°55 | 1°25 | 22°23 | 21°54 | 22°13 | 26°33 | W 4 |
| T 5 | 18 53 34 | 14° 9'12 | 13°32 | 8°22 | 17°27 | 6°33 | 4°10 | 23°47 | 12°35 | 17°53 | 1°25 | 22°11 | 21°51 | 22°20 | 26°34 | T 5 |
| F 6 | 18 57 31 | 15° 6'39 | 26°18 | 9°16 | 18°41 | 6°48 | 4° 2 | 23°47 | 12°39 | 17°51 | 1°25 | 21°58 | 21°47 | 22°27 | 26°35 | F 6 |
| S 7 | 19 1 27 | 16° 4'05 | 8 Ω 49 | 10° 6 | 19°55 | 7° 3 | 3°55 | 23°47 | 12°42 | 17°50 | 1°24 | 21°45 | 21°44 | 22°33 | 26°36 | S 7 |
| S 8 | 19 5 24 | 17° 1'31 | 21° 7 | 10°52 | 21° 9 | 7°18 | 3°48 | 23°46 | 12°45 | 17°48 | 1°24 | 21°34 | 21°41 | 22°40 | 26°37 | S 8 |
| M 9 | 19 921 | 17°58'55 | 3 Mp 12 | 11°35 | 22°23 | 7°34 | 3°40 | 23°46 | 12°49 | 17°47 | 1°24 | 21°26 | 21°38 | 22°47 | 26°39 | M 9 |
| T 10 | 19 13 17 | 18°56'19 | 15° 7 | 12°14 | 23°36 | 7°50 | 3°33 | 23°45 | 12°52 | 17°45 | 1°24 | 21°20 | 21°35 | 22°53 | 26°40 | T 10 |
| W11 | 19 17 14 | 19°53'42 | 26°57 | 12°48 | 24°50 | 8° 7 | 3°26 | 23°44 | 12°55 | 17°43 | 1°D24 | 21°16 | 21°31 | 23° 0 | 26°41 | W11 |
| T 12 | 19 21 10 | 20°51'04 | 8 ≏ 45 | 13°19 | 26° 4 | 8°25 | 3°19 | 23°44 | 12°59 | 17°42 | 1°24 | 21°15 | 21°28 | 23° 7 | 26°41 | T 12 |
| F 13 | 19 25 7 | 21°48'26 | 20°37 | 13°45 | 27°18 | 8°43 | 3°12 | 23°43 | 13° 2 | 17°40 | 1°24 | 21°15 | 21°25 | 23°13 | 26°42 | F 13 |
| S 14 | 19 29 3 | 22°45'46 | 2 M 39 | 14° 6 | 28°31 | 9° 1 | 3° 5 | 23°42 | 13° 6 | 17°38 | 1°24 | 21°14 | 21°22 | 23°20 | 26°43 | S 14 |
| S 15 | 19 33 0 | 23°43'06 | 14°55 | 14°24 | 29°45 | 9°20 | 2°58 | 23°41 | 13° 9 | 17°37 | 1°24 | 21°13 | 21°19 | 23°27 | 26°44 | S 15 |
| M16 | 19 36 56 | 24°40'25 | 27°30 | 14°36 | 0 Ω 59 | 9°39 | 2°52 | 23°40 | 13°13 | 17°35 | 1°24 | 21°10 | 21°16 | 23°33 | 26°45 | M16 |
| T 17 | 19 40 53 | 25°37'43 | 10 × 30 | 14°44 | 2°13 | 9°59 | 2°45 | 23°38 | 13°16 | 17°34 | 1°25 | 21° 5 | 21°12 | 23°40 | 26°45 | T 17 |
| W18 | 19 44 50 | 26°35'01 | 23°55 | 14°R48 | 3°26 | 10°20 | 2°39 | 23°37 | 13°20 | 17°32 | 1°25 | 20°57 | 21° 9 | 23°46 | 26°46 | W18 |
| T 19 | 19 48 46 | 27°32'19 | 7 궁 46 | 14°47 | 4°40 | 10°40 | 2°32 | 23°35 | 13°23 | 17°30 | 1°25 | 20°47 | 21° 6 | 23°53 | 26°46 | T 19 |
| F 20 | 19 52 43 | 28°29'36 | 22° 0 | 14°41 | 5°54 | 11° 1 | 2°26 | 23°34 | 13°27 | 17°29 | 1°25 | 20°36 | 21° 3 | 24° 0 | 26°47 | F 20 |
| S 21 | 19 56 39 | 29°26'52 | 6≈32 | 14°31 | 7° 7 | 11°23 | 2°20 | 23°32 | 13°30 | 17°27 | 1°26 | 20°25 | 21° 0 | 24° 6 | 26°47 | S 21 |
| S 22 | 20 0 36 | $0\Omega 24'08$ | 21°15 | 14°17 | 8°21 | 11°45 | 2°14 | 23°31 | 13°34 | 17°26 | 1°26 | 20°15 | 20°57 | 24°13 | 26°48 | S 22 |
| M23 | 20 4 32 | 1°21'24 | 6 ∀ 1 | 13°58 | 9°35 | 12° 7 | 2° 8 | 23°29 | 13°37 | 17°24 | 1°26 | 20° 7 | 20°53 | 24°20 | 26°48 | M23 |
| T 24 | 20 8 29 | 2°18'40 | 20°42 | 13°36 | 10°49 | 12°30 | 2° 2 | 23°27 | 13°41 | 17°23 | 1°27 | 20° 2 | 20°50 | 24°26 | 26°48 | T 24 |
| W25 | 20 12 26 | 3°15'56 | 5 Υ 14 | 13°10 | 12° 2 | 12°53 | 1°57 | 23°25 | 13°45 | 17°21 | 1°27 | 20° 0 | 20°47 | 24°33 | 26°49 | W25 |
| T 26 | 20 16 22 | 4°13'12 | 19°31 | 12°40 | 13°16 | 13°16 | 1°51 | 23°23 | 13°48 | 17°20 | 1°28 | 19°D59 | 20°44 | 24°40 | 26°49 | T 26 |
| F 27 | 20 20 19 | 5°10'28 | 3 8 32 | 12° 9 | 14°30 | 13°40 | 1°46 | 23°21 | 13°52 | 17°18 | 1°28 | 19°R59 | 20°41 | 24°46 | 26°49 | F 27 |
| S 28 | 20 24 15 | 6° 7'45 | 17°18 | 11°34 | 15°44 | 14° 4 | 1°41 | 23°18 | 13°55 | 17°16 | 1°29 | 19°59 | 20°37 | 24°53 | 26°49 | S 28 |
| S 29 | 20 28 12 | 7° 5'02 | 0 Ⅱ 49 | 10°58 | 16°57 | 14°29 | 1°35 | 23°16 | 13°59 | 17°15 | 1°29 | 19°57 | 20°34 | 25° 0 | 26°R49 | S 29 |
| M30 | 20 32 8 | 8° 2'19 | 14° 6 | 10°21 | 18°11 | 14°54 | <u>1°31</u> | 23°14 | 14° 3 | 1 <u>7</u> °13 | 1°30 | 19°53 | 20°31 | 25° 6 | 26°49 | M30 |
| T 31 | 20 36 5 | 8 Ω 59'36 | 27 Ⅱ 10 | 9 Ω 43 | 19 Ω 25 | 15 M .19 | 1 る 26 | 23 米 11 | 14 Ω 6 | 17 る 12 | 1 M .31 | 19 ≏ 45 | 20 <u>₽</u> 28 | 25 m 13 | 26 Ƴ 49 | T 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| W 1 | 20 40 1 | 9 Ω 56'54 | 1095 2 | 9°R 6 | 20€38 | 15 M .45 | 1°R21 | 23°R 9 | 14 Ω 10 | 17°R11 | 1 M .31 | 19°R36 | 20 ♀ 25 | 25 Mp 20 | 26°R49 | W 1 |
| T 2 | 20 43 58 | 10°54'11 | 22°42 | 8 Ω 29 | 21°52 | 16°11 | 1 る 17 | 23 米 6 | 14°14 | 17 る 9 | 1°32 | 19 ≏ 25 | 20°22 | 25°26 | 26 Ƴ 49 | T 2 |
| F 3 | 20 47 55 | 11°51'29 | 5 Ω 11 | 7°53 | 23° 6 | 16°37 | 1°12 | 23° 3 | 14°17 | 17° 8 | 1°33 | 19°13 | 20°18 | 25°33 | 26°49 | F 3 |
| S 4 | 20 51 51 | 12°48'47 | 17°28 | 7°20 | 24°20 | 17° 4 | 1° 8 | 23° 0 | 14°21 | 17° 6 | 1°33 | 19° 1 | 20°15 | 25°40 | 26°48 | S 4 |
| S 5 | 20 55 48 | 13°46'05 | 29°36 | 6°49 | 25°33 | 17°31 | 1° 4 | 22°57 | 14°25 | 17° 5 | 1°34 | 18°51 | 20°12 | 25°46 | 26°48 | S 5 |
| M 6 | 20 59 44 | 14°43'23 | 11 m 34 | 6°22 | 26°47 | 17°58 | 1° 0 | 22°54 | 14°28 | 17° 3 | 1°35 | 18°43 | 20° 9 | 25°53 | 26°48 | M 6 |
| T 7 | 21 3 41 | 15°40'42 | 23°25 | 5°58 | 28° 1 | 18°25 | 0°57 | 22°51 | 14°32 | 17° 2 | 1°36 | 18°38 | 20° 6 | 26° 0 | 26°47 | T 7 |
| W 8 | 21 7 37 | 16°38'00 | 5 ≏ 12 | 5°38 | 29°14 | 18°53 | 0°53 | 22°48 | 14°36 | 17° 1 | 1°37 | 18°35 | 20° 3 | 26° 6 | 26°47 | W 8 |
| T 9 | 21 11 34 | 17°35'18 | 16°59 | 5°22 | 0 m 28 | 19°22 | 0°50 | 22°45 | 14°39 | 16°59 | 1°38 | 18°D34 | 19°59 | 26°13 | 26°46 | T 9 |
| F 10 | 21 15 30 | 18°32'37 | 28°51 | 5°12 | 1°42 | 19°50 | 0°47 | 22°42 | 14°43 | 16°58 | 1°39 | 18°34 | 19°56 | 26°20 | 26°46 | F 10 |
| S 11 | 21 19 27 | 19°29'55 | 10 M 51 | 5°D 7 | 2°55 | 20°19 | 0°44 | 22°39 | 14°46 | 16°57 | 1°40 | 18°35 | 19°53 | 26°26 | 26°45 | S 11 |
| S 12 | 21 23 23 | 20°27'14 | 23° 6 | 5° 7 | 4° 9 | 20°48 | 0°41 | 22°35 | 14°50 | 16°55 | 1°41 | 18°R35 | 19°50 | 26°33 | 26°44 | S 12 |
| M13 | 21 27 20 | 21°24'33 | 5 ₹ 40 | 5°13 | 5°23 | 21°17 | 0°38 | 22°32 | 14°54 | 16°54 | 1°42 | 18°34 | 19°47 | 26°40 | 26°44 | M13 |
| T 14 | 21 31 17 | 22°21'52 | 18°38 | 5°24 | 6°36 | 21°47 | 0°36 | 22°28 | 14°57 | 16°53 | 1°43 | 18°31 | 19°43 | 26°46 | 26°43 | T 14 |
| W15 | 21 35 13 | 23°19'11 | 2 る 4 | 5°41 | 7°50 | 22°16 | 0°33 | 22°25 | 15° 1 | 16°52 | 1°44 | 18°26 | 19°40 | 26°53 | 26°42 | W15 |
| T 16 | 21 39 10 | 24°16'31 | 15°58 | 6° 4 | 9° 4 | 22°46 | 0°31 | 22°21 | 15° 5 | 16°50 | 1°45 | 18°19 | 19°37 | 27° 0 | 26°41 | T 16 |
| F 17 | 21 43 6 | 25°13'50 | 0≈19 | 6°33 | 10°17 | 23°17 | 0°29 | 22°17 | 15° 8 | 16°49 | 1°46 | 18°11 | 19°34 | 27° 6 | 26°40 | F 17 |
| S 18 | 21 47 3 | 26°11'11 | 15° 3 | 7° 8 | 11°31 | 23°47 | 0°28 | 22°13 | 15°12 | 16°48 | 1°48 | 18° 3 | 19°31 | 27°13 | 26°39 | S 18 |
| S 19 | 21 50 59 | 27° 8'31 | 0 米 2 | 7°49 | 12°45 | 24°18 | 0°26 | 22°10 | 15°15 | 16°47 | 1°49 | 17°56 | 19°28 | 27°20 | 26°38 | S 19 |
| M20 | 21 54 56 | 28° 5'52 | 15° 8 | 8°35 | 13°58 | 24°49 | 0°25 | 22° 6 | 15°19 | 16°46 | 1°50 | 17°51 | 19°24 | 27°26 | 26°37 | M20 |
| T 21 | 21 58 52 | 29° 3'14 | 0 Υ 9 | 9°27 | 15°12 | 25°21 | 0°24 | 22° 2 | 15°23 | 16°45 | 1°51 | 17°47 | 19°21 | 27°33 | 26°36 | T 21 |
| W22 | 22 2 49 | 0 m) 0'37 | 15° 0 | 10°25 | 16°25 | 25°52 | 0°23 | 21°58 | 15°26 | 16°44 | 1°53 | 17°D46 | 19°18 | 27°40 | 26°35 | W22 |
| T 23 | 22 6 46 | 0°58'01 | 29°33 | 11°29 | 17°39 | 26°24 | 0°22 | 21°54 | 15°30 | 16°43 | 1°54 | 17°47 | 19°15 | 27°46 | 26°34 | T 23 |
| F 24 | 22 10 42 | 1°55'26 | 13 8 45 | 12°37 | 18°53 | 26°56 | 0°21 | 21°50 | 15°33 | 16°42 | 1°55 | 17°48 | 19°12 | 27°53 | 26°33 | F 24 |
| S 25 | 22 14 39 | 2°52'51 | 27°35 | 13°52 | 20° 6 | 27°28 | 0°21 | 21°46 | 15°37 | 16°41 | 1°57 | 17°R49 | 19° 8 | 27°59 | 26°31 | S 25 |
| S 26 | 22 18 35 | 3°50'18 | 11 I I 4 | 15°11 | 21°20 | 28° 1 | 0°20 | 21°42 | 15°40 | 16°40 | 1°58 | 17°49 | 19° 5 | 28° 6 | 26°30 | S 26 |
| M27 | 22 22 32 | 4°47'47 | 24°13 | 16°35 | 22°33 | 28°33 | 0°D20 | 21°37 | 15°44 | 16°39 | 2° 0 | 17°47 | 19° 2 | 28°13 | 26°29 | M27 |
| T 28 | 22 26 28 | 5°45'16 | 7 95 6 | 18° 4 | 23°47 | 29° 6 | 0°20 | 21°33 | 15°47 | 16°38 | 2° 1 | 17°43 | 18°59 | 28°19 | 26°27 | T 28 |
| W29 | 22 30 25 | 6°42'46 | 19°43 | 19°38 | 25° 1 | 29°39 | 0°21 | 21°29 | 15°51 | 16°37 | 2° 3 | 17°38 | 18°56 | 28°26 | 26°26 | W29 |
| T 30 | 22 34 21 | 7°40'17 | 2Ω 8 | 21°16 | 26°14 | 0 , 712 | 0°21 | 21°25 | 15°54 | 16°36 | 2° 4 | 17°31 | 18°53 | 28°33 | 26°24 | T 30 |
| F 31 | 22 38 18 | 8 m 37'50 | 14 Ω 22 | 22 Ω 58 | 27 m 28 | 0 才 46 | 0る22 | 21 米 20 | 15 Ω 58 | 16 ට 35 | 2M 6 | 17 ≏ 24 | 18 ≏ 49 | 28 m 39 | 26 Y 23 | F 31 |

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| S 1 | 22 42 15 | 9 m 35'23 | 26 Ω 27 | 24 \O 43 | 28 M 41 | 1 ₹ 120 | 0 중 22 | 21°R16 | 16 N 1 | 16°R34 | 2 m 7 | 17°R18 | 18 ≏ 46 | 28Mp46 | 26°R21 | S 1 |
| S 2 | 22 46 11 | 10°32'58 | 8 m) 24 | 26°32 | 29°55 | 1°54 | 0°23 | 21 米 12 | 16° 4 | 16 ට 33 | 2° 9 | 17 ≏ 12 | 18°43 | 28°53 | 26 Y 19 | S 2 |
| M 3 | 22 50 8 | 11°30'33 | 20°16 | 28°24 | 1 ♀ 8 | 2°28 | 0°25 | 21° 7 | 16° 8 | 16°33 | 2°11 | 17° 7 | 18°40 | 28°59 | 26°18 | M 3 |
| T 4 | 22 54 4 | 12°28'10 | 2 <u>₽</u> 4 | 0 m)18 | 2°22 | 3° 2 | 0°26 | 21° 3 | 16°11 | 16°32 | 2°12 | 17° 4 | 18°37 | 29° 6 | 26°16 | T 4 |
| W 5 T 6 | 22 58 1 23 1 57 | 13°25'47 14°23'25 | 13°50 25°38 | 2°14 4°12 | 3°35 4°49 | 3°37 4°11 | 0°28 0°29 | 20°58 20°54 | 16°15 16°18 | 16°31 16°31 | 2°14 2°16 | 17°D 3 17° 3 | 18°34 18°30 | 29°13 29°19 | 26°14 26°12 | W 5 T 6 |
| T 6 F 7 | 23 5 54 | 14 23 23 15°21'05 | 7 M 31 | 6°12 | 6° 2 | 4°11 4°46 | 0°29 | 20°49 | 16°21 | 16°30 | 2°17 | 17° 5 | 18°27 | 29°19 29°26 | 26°12 | F 7 |
| S 8 | 23 9 50 | 16°18'45 | 19°33 | 8°13 | 7°16 | 5°21 | 0°33 | 20°45 | 16°24 | 16°29 | 2°19 | 17° 6 | 18°24 | 29°33 | 26° 9 | S 8 |
| S 9 | 23 13 47 | 17°16'26 | 1 ∡ 748 | 10°14 | 8°29 | 5°57 | 0°36 | 20°40 | 16°28 | 16°29 | 2°21 | 17° 8 | 18°21 | 29°39 | 26° 7 | S 9 |
| M10 | 23 17 44 | 18°14'09 | 14°20 | 12°15 | 9°43 | 6°32 | 0°38 | 20°36 | 16°31 | 16°28 | 2°23 | 17°R 9 | 18°18 | 29°46 | 26° 5 | M10 |
| T 11 | 23 21 40 | 19°11'52 | 27°15 | 14°17 | 10°56 | 7° 8 | 0°41 | 20°31 | 16°34 | 16°28 | 2°24 | 17° 9 | 18°14 | 29°53 | 26° 3 | T 11 |
| W12 | 23 25 37 | 20° 9'36 | 10중35 | 16°19 | 12°10 | 7°44 | 0°44 | 20°27 | 16°37 | 16°27 | 2°26 | 17° 7 | 18°11 | 29°59 | 26° 1 | W12 |
| T 13 | 23 29 33 | 21° 7'21 | 24°23 | 18°20 | 13°23 | 8°20 | 0°47 | 20°22 | 16°41 | 16°27 | 2°28 | 17° 5 | 18° 8 | 0 <u>요</u> 6 | 25°59 | T 13 |
| F 14 S 15 | 23 33 30 23 37 26 | 22° 5'07 23° 2'55 | 8 ≈ 39 23°20 | 20°20 22°20 | 14°36 15°50 | 8°56 9°32 | 0°50 0°53 | 20°18 20°13 | 16°44 16°47 | 16°26 16°26 | 2°30 2°32 | 17° 2 16°58 | 18° 5 18° 2 | 0°13 0°19 | 25°56 25°54 | F 14 S 15 |
| | | | | | | | | | | | | | | | | |
| S 16 | 23 41 23 | 24° 0'43 | 8 ∺ 21 23°32 | 24°19 26°17 | 17° 3 18°16 | 10° 9 10°45 | 0°57 1° 0 | 20° 9 20° 4 | 16°50 16°53 | 16°25 16°25 | 2°34 2°36 | 16°55 16°53 | 17°59 | 0°26 | 25°52 25°50 | S 16 |
| M17 T 18 | 23 45 19 23 49 16 | 24°58'32 25°56'23 | 23°32 8 Υ 45 | 26°17 28°14 | 18°16 19°30 | 10°45 11°22 | 1° 0 | 20° 4 20° 0 | 16°53 | 16°25 | 2°38 | 16°53 | 17°55 17°52 | 0°32 0°39 | 25°50 25°48 | M17 T 18 |
| W19 | 23 49 10 | 25°54'16 | 23°50 | 0 <u>₽</u> 9 | 20°43 | 11°59 | 1° 8 | 19°55 | 16°59 | 16°23 | 2°40 | 16°D52 | 17°49 | 0°46 | 25°45 | W19 |
| T 20 | 23 57 9 | 27°52'10 | 8 8 38 | 2° 4 | 21°56 | 12°36 | 1°12 | 19°51 | 17° 2 | 16°24 | 2°42 | 16°53 | 17°46 | 0°52 | 25°43 | T 20 |
| F 21 | 0 1 6 | 28°50'06 | 23° 5 | 3°57 | 23°10 | 13°13 | 1°17 | 19°47 | 17° 5 | 16°24 | 2°44 | 16°54 | 17°43 | 0°59 | 25°41 | F 21 |
| S 22 | 0 5 2 | 29°48'03 | 7 I 5 | 5°49 | 24°23 | 13°51 | 1°21 | 19°42 | 17° 8 | 16°24 | 2°46 | 16°55 | 17°39 | 1° 6 | 25°39 | S 22 |
| S 23 | 0 8 59 | 0 ₽ 46'02 | 20°41 | 7°40 | 25°36 | 14°28 | 1°26 | 19°38 | 17°11 | 16°23 | 2°48 | 16°56 | 17°36 | 1°12 | 25°36 | S 23 |
| M24 | 0 12 55 | 1°44'04 | 3952 | 9°30 | 26°49 | 15° 6 | 1°31 | 19°33 | 17°14 | 16°23 | 2°50 | 16°R56 | 17°33 | 1°19 | 25°34 | M24 |
| T 25 | 0 16 52 | 2°42'07 | 16°41 | 11°18 | 28° 3 | 15°44 | 1°36 | 19°29 | 17°16 | 16°23 | 2°52 | 16°56 | 17°30 | 1°26 | 25°31 | T 25 |
| W26 | 0 20 48 | 3°40'11 | 29°11 | 13° 5 | 29°16 | 16°22 | 1°41 | 19°25 | 17°19 | 16°23 | 2°54 | 16°55 | 17°27 | 1°32 | 25°29 | W26 |
| T 27 F 28 | 0 24 45 0 28 41 | 4°38'18 5°36'26 | 11 Ω 27 23°31 | 14°51 16°35 | 0 ™ 29 1°42 | 17° 0 17°39 | 1°46 1°52 | 19°21 19°16 | 17°22 17°25 | 16°23 16°D23 | 2°56 2°58 | 16°53 16°52 | 17°24 17°20 | 1°39 1°46 | 25°26 25°24 | T 27 F 28 |
| F 28 S 29 | 0 28 41 0 32 38 | 6°34'36 | 5 m) 27 | 16°35 18°19 | 2°55 | 17°39 18°17 | 1°52 1°57 | 19°16 19°12 | 17°25 17°27 | 16°D23 | 2°58 3° 0 | 16°52 16°50 | 17°20 17°17 | 1°46 1°52 | 25°24 25°21 | F 28 S 29 |
| S 30 | 0 36 35 | 7 Ω 32'48 | 17 Mb 18 | 20 <u>0</u> 1 | 4 M. 9 | 18 17 18 7 56 | 2 云 3 | 19 12 19 ¥ 8 | 17Ω 30 | 16 건 3 | 3 M 3 | 16 ∆ 49 | 17 17 17 ≙ 14 | 1 <u>32</u> | 25° 19 | S 30 |
| 5 50 | 0 30 33 | 1-32 40 | 1/11/10 | 20 — 1 | ל טווד | 10 > 30 | 20 3 | 17/1 0 | 1/0650 | 10023 | ל אווע | 10-79 | 1/-14 | 1-39 | 20 1 17 | 5 50 |

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|------|---------|-------------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|---------------|----------------|------|
| M 1 | 0 40 31 | 8₾31'02 | 29M) 6 | 21 ≏ 42 | 5 M 22 | 19 × 35 | 2 る 9 | 19°R 4 | 17 Ω 33 | 16 ට 23 | 3M 5 | 16°R48 | 17 ≏ 11 | 2 ₾ 6 | 25°R16 | M 1 |
| T 2 | 0 44 28 | 9°29'17 | 10 ≏ 53 | 23°22 | 6°35 | 20°14 | 2°15 | 19 米 0 | 17°35 | 16°23 | 3° 7 | 16 ≏ 48 | 17° 8 | 2°12 | 25 ℃ 14 | T 2 |
| W 3 | 0 48 24 | 10°27'34 | 22°43 | 25° 1 | 7°48 | 20°53 | 2°21 | 18°56 | 17°38 | 16°24 | 3° 9 | 16°D48 | 17° 5 | 2°19 | 25°11 | W 3 |
| T 4 | 0 52 21 | 11°25'53 | 4M36 | 26°38 | 9° 1 | 21°32 | 2°28 | 18°52 | 17°40 | 16°24 | 3°11 | 16°48 | 17° 1 | 2°25 | 25° 9 | T 4 |
| F 5 | 0 56 17 | 12°24'13 | 16°35 | 28°15 | 10°14 | 22°11 | 2°34 | 18°48 | 17°43 | 16°24 | 3°14 | 16°48 | 16°58 | 2°32 | 25° 6 | F 5 |
| S 6 | 1 0 14 | 13°22'35 | 28°44 | 29°50 | 11°27 | 22°51 | 2°41 | 18°44 | 17°45 | 16°24 | 3°16 | 16°49 | 16°55 | 2°39 | 25° 3 | S 6 |
| S 7 | 1 4 10 | 14°20'58 | 11 ×7 5 | 1 m 24 | 12°40 | 23°30 | 2°48 | 18°40 | 17°48 | 16°25 | 3°18 | 16°49 | 16°52 | 2°45 | 25° 1 | S 7 |
| M 8 | 1 8 7 | 15°19'23 | 2 <u>3</u> °41 | 2°58 | 13°53 | 24°10 | 2°55 | 18°36 | 17°50 | 16°25 | 3°20 | 16°49 | 16°49 | 2°52 | 24°58 | M 8 |
| T 9 | 1 12 3 | 16°17'50 | 6 ප 35 | 4°30 | 15° 6 | 24°50 | 3° 2 | 18°32 | 17°52 | 16°25 | 3°23 | 16°49 | 16°45 | 2°59 | 24°56 | T 9 |
| W10 | 1 16 0 | 17°16'18 | 19°50 | 6° 1 | 16°19 | 25°30 | 3° 9 | 18°29 | 17°54 | 16°26 | 3°25 | 16°49 | 16°42 | 3° 5 | 24°53 | W10 |
| T 11 | 1 19 57 | 18°14'48 | 3≈29 | 7°31 | 17°32 | 26°10 | 3°16 | 18°25 | 17°57 | 16°26 | 3°27 | 16°49 | 16°39 | 3°12 | 24°50 | T 11 |
| F 12 | 1 23 53 | 19°13'19 | 17°32 | 9° 0 | 18°45 | 26°50 | 3°24 | 18°22 | 17°59 | 16°27 | 3°29 | 16°49 | 16°36 | 3°19 | 24°47 | F 12 |
| S 13 | 1 27 50 | 20°11'51 | 1 米 59 | 10°27 | 19°58 | 27°30 | 3°32 | 18°18 | 18° 1 | 16°27 | 3°32 | 16°50 | 16°33 | 3°25 | 24°45 | S 13 |
| S 14 | 1 31 46 | 21°10'25 | 16°46 | 11°54 | 21°11 | 28°11 | 3°39 | 18°15 | 18° 3 | 16°28 | 3°34 | 16°50 | 16°30 | 3°32 | 24°42 | S 14 |
| M15 | 1 35 43 | 22° 9'01 | 1 Υ 48 | 13°20 | 22°24 | 28°51 | 3°47 | 18°11 | 18° 5 | 16°28 | 3°36 | 16°50 | 16°26 | 3°39 | 24°39 | M15 |
| T 16 | 1 39 39 | 23° 7'39 | 16°56 | 14°44 | 23°37 | 29°32 | 3°55 | 18° 8 | 18° 7 | 16°29 | 3°39 | 16°R51 | 16°23 | 3°45 | 24°37 | T 16 |
| W17 | 1 43 36 | 24° 6'18 | 2 8 2 | 16° 8 | 24°50 | 0 궁 13 | 4° 4 | 18° 5 | 18° 9 | 16°29 | 3°41 | 16°50 | 16°20 | 3°52 | 24°34 | W17 |
| T 18 | 1 47 32 | 25° 4'59 | 16°57 | 17°30 | 26° 2 | 0°54 | 4°12 | 18° 2 | 18°11 | 16°30 | 3°43 | 16°50 | 16°17 | 3°59 | 24°31 | T 18 |
| F 19 | 1 51 29 | 26° 3'43 | 1 I I32 | 18°51 | 27°15 | 1°35 | 4°20 | 17°59 | 18°13 | 16°31 | 3°46 | 16°49 | 16°14 | 4° 5 | 24°29 | F 19 |
| S 20 | 1 55 26 | 27° 2'28 | 15°44 | 20°11 | 28°28 | 2°16 | 4°29 | 17°56 | 18°15 | 16°31 | 3°48 | 16°48 | 16°11 | 4°12 | 24°26 | S 20 |
| S 21 | 1 59 22 | 28° 1'16 | 29°28 | 21°29 | 29°41 | 2°57 | 4°38 | 17°53 | 18°17 | 16°32 | 3°50 | 16°46 | 16° 7 | 4°18 | 24°23 | S 21 |
| M22 | 2 3 19 | 29° 0'06 | 129545 | 22°46 | 0 才 54 | 3°39 | 4°46 | 17°50 | 18°18 | 16°33 | 3°53 | 16°45 | 16° 4 | 4°25 | 24°21 | M22 |
| T 23 | 2 7 15 | 29°58'58 | 25°38 | 24° 2 | 2° 6 | 4°20 | 4°55 | 17°47 | 18°20 | 16°34 | 3°55 | 16°D45 | 16° 1 | 4°32 | 24°18 | T 23 |
| W24 | 2 11 12 | 0M 57'52 | 8 Ω 8 | 25°16 | 3°19 | 5° 2 | 5° 4 | 17°45 | 18°22 | 16°35 | 3°57 | 16°45 | 15°58 | 4°38 | 24°15 | W24 |
| T 25 | 2 15 8 | 1°56'49 | 20°21 | 26°29 | 4°32 | 5°44 | 5°13 | 17°42 | 18°23 | 16°35 | 4° 0 | 16°46 | 15°55 | 4°45 | 24°13 | T 25 |
| F 26 | 2 19 5 | 2°55'48 | 2 Mp 22 | 27°40 | 5°44 | 6°25 | 5°23 | 17°39 | 18°25 | 16°36 | 4° 2 | 16°47 | 15°51 | 4°52 | 24°10 | F 26 |
| S 27 | 2 23 1 | 3°54'48 | 14°13 | 28°49 | 6°57 | 7° 7 | 5°32 | 17°37 | 18°26 | 16°37 | 4° 4 | 16°48 | 15°48 | 4°58 | 24° 7 | S 27 |
| S 28 | 2 26 58 | 4°53'51 | 26° 1 | 29°56 | 8°10 | 7°49 | 5°42 | 17°35 | 18°28 | 16°38 | 4° 7 | 16°50 | 15°45 | 5° 5 | 24° 5 | S 28 |
| M29 | 2 30 55 | 5°52'56 | 7 ≏ 48 | 1 √ 1 | 9°22 | 8°31 | 5°51 | 17°32 | 18°29 | 16°39 | 4° 9 | 16°51 | 15°42 | 5°12 | 24° 2 | M29 |
| T 30 | 2 34 51 | 6°52'03 | 19°38 | 2° 4 | 10°35 | 9°14 | 6° 1 | 17°30 | 18°30 | 16°40 | 4°11 | 16°R51 | 15°39 | 5°18 | 23°59 | T 30 |
| W31 | 2 38 48 | 7 M .51'13 | 1 M .33 | 3 ∡ 5 | 11 ~ 47 | 9 ප 56 | 6 ට 11 | 17 ∺ 28 | 18 Ω 32 | 16 පි 41 | 4 m .14 | 16 ♀ 50 | 15 ≏ 36 | 5 ≙ 25 | 23 Y 57 | W31 |

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| T 1 | 2 42 44 | 8M50'24 | 13 M .36 | 4 ₹ 3 | 13 × 0 | 10 る 39 | 6 පි 21 | 17°R26 | 18 Ω 33 | 16 පි 42 | 4 M .16 | 16°R48 | 15 ≏ 32 | 5 ₾ 32 | 23°R54 | T 1 |
| F 2 | 2 46 41 | 9°49'37 | 25°48 | 4°58 | 14°12 | 11°21 | 6°31 | 17) (24 | 18°34 | 16°44 | 4°18 | 16 ≏ 46 | 15°29 | 5°38 | 23 Y 52 | F 2 |
| S 3 | 2 50 37 | 10°48'52 | 8 才 10 | 5°49 | 15°25 | 12° 4 | 6°41 | 17°23 | 18°35 | 16°45 | 4°21 | 16°42 | 15°26 | 5°45 | 23°49 | S 3 |
| S 4 | 2 54 34 | 11°48'09 | 20°45 | 6°38 | 16°37 | 12°46 | 6°51 | 17°21 | 18°36 | 16°46 | 4°23 | 16°38 | 15°23 | 5°52 | 23°46 | S 4 |
| M 5 | 2 58 30 | 12°47'28 | 3 る 32 | 7°22 | 17°50 | 13°29 | 7° 1 | 17°19 | 18°37 | 16°47 | 4°25 | 16°34 | 15°20 | 5°58 | 23°44 | M 5 |
| T 6 | 3 2 27 | 13°46'49 | 16°34 | 8° 3 | 19° 2 | 14°12 | 7°12 | 17°18 | 18°38 | 16°48 | 4°28 | 16°30 | 15°16 | 6° 5 | 23°41 | T 6 |
| W 7 | 3 6 24 | 14°46'11 | 29°52 | 8°39 | 20°14 | 14°55 | 7°22 | 17°16 | 18°39 | 16°50 | 4°30 | 16°28 | 15°13 | 6°11 | 23°39 | W 7 |
| T 8 | 3 10 20 | 15°45'35 | 13≈27 | 9°10 | 21°27 | 15°38 | 7°33 | 17°15 | 18°40 | 16°51 | 4°32 | 16°D27 | 15°10 | 6°18 | 23°37 | T 8 |
| F 9 | 3 14 17 | 16°45'01 | 27°19 | 9°35 | 22°39 | 16°22 | 7°44 | 17°14 | 18°41 | 16°52 | 4°35 | 16°28 | 15° 7 | 6°25 | 23°34 | F 9 |
| S 10 | 3 18 13 | 17°44'28 | 11 米 29 | 9°54 | 23°51 | 17° 5 | 7°55 | 17°13 | 18°42 | 16°53 | 4°37 | 16°29 | 15° 4 | 6°31 | 23°32 | S 10 |
| S 11 | 3 22 10 | 18°43'56 | 25°56 | 10° 7 | 25° 4 | 17°48 | 8° 5 | 17°12 | 18°43 | 16°55 | 4°39 | 16°30 | 15° 1 | 6°38 | 23°29 | S 11 |
| M12 | 3 26 6 | 19°43'27 | 10 Y 36 | 10°R13 | 26°16 | 18°32 | 8°16 | 17°11 | 18°43 | 16°56 | 4°42 | 16°R31 | 14°57 | 6°45 | 23°27 | M12 |
| T 13 | 3 30 3 | 20°42'59 | 25°24 | 10°11 | 27°28 | 19°15 | 8°27 | 17°10 | 18°44 | 16°58 | 4°44 | 16°31 | 14°54 | 6°51 | 23°25 | T 13 |
| W14 | 3 33 59 | 21°42'33 | 10815 | 10° 1 | 28°40 | 19°59 | 8°39 | 17° 9 | 18°44 | 16°59 | 4°46 | 16°29 | 14°51 | 6°58 | 23°22 | W14 |
| T 15 | 3 37 56 | 22°42'09 | 25° 1 | 9°42 | 29°52 | 20°43 | 8°50 | 17° 9 | 18°45 | 17° 1 | 4°48 | 16°26 | 14°48 | 7° 5 | 23°20 | T 15 |
| F 16 | 3 41 52 | 23°41'47 | 9 Ⅲ 33 | 9°15 | 1る 4 | 21°27 | 9° 1 | 17° 8 | 18°45 | 17° 2 | 4°51 | 16°21 | 14°45 | 7°11 | 23°18 | F 16 |
| S 17 | 3 45 49 | 24°41'27 | 23°46 | 8°39 | 2°16 | 22°10 | 9°13 | 17° 8 | 18°46 | 17° 4 | 4°53 | 16°15 | 14°42 | 7°18 | 23°16 | S 17 |
| S 18 | 3 49 46 | 25°41'09 | 7934 | 7°53 | 3°28 | 22°54 | 9°24 | 17° 7 | 18°46 | 17° 5 | 4°55 | 16° 8 | 14°38 | 7°25 | 23°13 | S 18 |
| M19 | 3 53 42 | 26°40'54 | 20°57 | 6°59 | 4°40 | 23°38 | 9°36 | 17° 7 | 18°46 | 17° 7 | 4°57 | 16° 3 | 14°35 | 7°31 | 23°11 | M19 |
| T 20 | 3 57 39 | 27°40'40 | 3 Ω 54 | 5°57 | 5°52 | 24°23 | 9°47 | 17° 7 | 18°47 | 17° 8 | 5° 0 | 15°58 | 14°32 | 7°38 | 23° 9 | T 20 |
| W21 | 4 1 35 | 28°40'28 | 16°27 | 4°49 | 7° 4 | 25° 7 | 9°59 | 17°D 7 | 18°47 | 17°10 | 5° 2 | 15°56 | 14°29 | 7°45 | 23° 7 | W21 |
| T 22 | 4 5 32 | 29°40'19 | 28°42 | 3°35 | 8°16 | 25°51 | 10°11 | 17° 7 | 18°47 | 17°12 | 5° 4 | 15°D55 | 14°26 | 7°51 | 23° 5 | T 22 |
| F 23 | 4 9 28 | 0 ∡ 740'11 | 10 m 42 | 2°19 | 9°27 | 26°35 | 10°23 | 17° 7 | 18°47 | 17°13 | 5° 6 | 15°55 | 14°22 | 7°58 | 23° 3 | F 23 |
| S 24 | 4 13 25 | 1°40'06 | 22°33 | 1° 1 | 10°39 | 27°20 | 10°34 | 17° 8 | 18°R47 | 17°15 | 5° 8 | 15°57 | 14°19 | 8° 4 | 23° 1 | S 24 |
| S 25 | 4 17 22 | 2°40'03 | 4 ₽ 20 | 29 M 45 | 11°51 | 28° 4 | 10°46 | 17° 8 | 18°47 | 17°17 | 5°11 | 15°58 | 14°16 | 8°11 | 22°59 | S 25 |
| M26 | 4 21 18 | 3°40'02 | 16° 8 | 28°33 | 13° 2 | 28°49 | 10°59 | 17° 8 | 18°47 | 17°18 | 5°13 | 15°R59 | 14°13 | 8°18 | 22°57 | M26 |
| T 27 | 4 25 15 | 4°40'03 | 28° 2 | 27°26 | 14°14 | 29°34 | 11°11 | 17° 9 | 18°47 | 17°20 | 5°15 | 15°58 | 14°10 | 8°24 | 22°55 | T 27 |
| W28 | 4 29 11 | 5°40'06 | 10 M 4 | 26°29 | 15°26 | 0≈18 | 11°23 | 17°10 | 18°47 | 17°22 | 5°17 | 15°55 | 14° 7 | 8°31 | 22°54 | W28 |
| T 29 | 4 33 8 | 6°40'10 | 22°18 | 25°40 | 16°37 | 1° 3 | 11°35 | 17°11 | 18°46 | 17°24 | 5°19 | 15°49 | 14° 3 | 8°38 | 22°52 | T 29 |
| F 30 | 4 37 4 | 7 . 7⁴40'17 | 4 ₹ 45 | 25 M 3 | 17 る 49 | 1≈48 | 11 る 47 | 17 米 12 | 18 Ω 46 | 17 る 26 | 5 M 21 | 15 ≏ 42 | 14 ♀ 0 | 8 ≏ 44 | 22 Y 50 | F 30 |

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| S 1 | 4 41 1 | 8 ,7 '40'26 | 17 × 727 | 24°R37 | 19 る 0 | 2≈33 | 12 る 0 | 17) 13 | 18°R46 | 17 る 28 | 5 M 23 | 15°R33 | 13 ≏ 57 | 8 ≏ 51 | 22°R48 | S 1 |
| S 2 | 4 44 57 | 9°40'36 | 0る22 | 24M23 | 20°11 | 3°18 | 12°12 | 17°14 | 18 Ω 45 | 17°29 | 5°25 | 15 ≏ 23 | 13°54 | 8°58 | 22 Y 47 | S 2 |
| M 3 | 4 48 54 | 10°40'48 | 13°31 | 24°D20 | 21°23 | 4° 3 | 12°25 | 17°15 | 18°45 | 17°31 | 5°27 | 15°13 | 13°51 | 9° 4 | 22°45 | M 3 |
| T 4 | 4 52 51 | 11°41'01 | 26°51 | 24°29 | 22°34 | 4°48 | 12°37 | 17°16 | 18°44 | 17°33 | 5°29 | 15° 4 | 13°48 | 9°11 | 22°44 | T 4 |
| W 5 | 4 56 47 | 12°41'16 | 10≈23 | 24°47 | 23°45 | 5°33 | 12°50 | 17°18 | 18°44 | 17°35 | 5°31 | 14°57 | 13°44 | 9°18 | 22°42 | W 5 |
| T 6 | 5 0 44 | 13°41'32 | 24° 4 | 25°16 | 24°56 | 6°19 | 13° 3 | 17°19 | 18°43 | 17°37 | 5°33 | 14°53 | 13°41 | 9°24 | 22°41 | T 6 |
| F 7 | 5 4 40 | 14°41'50 | 7 ₩ 55 | 25°53 | 26° 7 | 7° 4 | 13°15 | 17°21 | 18°42 | 17°39 | 5°35 | 14°52 | 13°38 | 9°31 | 22°39 | F 7 |
| S 8 | 5 8 37 | 15°42'08 | 21°56 | 26°37 | 27°18 | 7°49 | 13°28 | 17°23 | 18°42 | 17°41 | 5°37 | 14°D51 | 13°35 | 9°37 | 22°38 | S 8 |
| S 9 | 5 12 33 | 16°42'28 | 6 ℃ 5 | 27°29 | 28°29 | 8°35 | 13°41 | 17°24 | 18°41 | 17°43 | 5°39 | 14°52 | 13°32 | 9°44 | 22°36 | S 9 |
| M10 | 5 16 30 | 17°42'50 | 20°23 | 28°27 | 29°40 | 9°20 | 13°54 | 17°26 | 18°40 | 17°45 | 5°41 | 14°R52 | 13°28 | 9°51 | 22°35 | M10 |
| T 11 | 5 20 26 | 18°43'12 | 4 8 45 | 29°30 | 0≈50 | 10° 6 | 14° 7 | 17°28 | 18°39 | 17°47 | 5°43 | 14°51 | 13°25 | 9°57 | 22°34 | T 11 |
| W12 | 5 24 23 | 19°43'37 | 19°11 | 0 ∡ 38 | 2° 1 | 10°51 | 14°20 | 17°30 | 18°38 | 17°49 | 5°44 | 14°47 | 13°22 | 10° 4 | 22°33 | W12 |
| T 13 | 5 28 20 | 20°44'02 | 3 II 33 | 1°50 | 3°12 | 11°37 | 14°33 | 17°33 | 18°37 | 17°51 | 5°46 | 14°40 | 13°19 | 10°11 | 22°32 | T 13 |
| F 14 | 5 32 16 | 21°44'29 | 17°47 | 3° 5 | 4°22 | 12°23 | 14°46 | 17°35 | 18°36 | 17°53 | 5°48 | 14°30 | 13°16 | 10°17 | 22°31 | F 14 |
| S 15 | 5 36 13 | 22°44'57 | 19547 | 4°23 | 5°32 | 13° 9 | 14°59 | 17°37 | 18°35 | 17°55 | 5°50 | 14°19 | 13°13 | 10°24 | 22°30 | S 15 |
| S 16 | 5 40 9 | 23°45'27 | 15°28 | 5°44 | 6°43 | 13°54 | 15°12 | 17°40 | 18°34 | 17°57 | 5°52 | 14° 7 | 13° 9 | 10°31 | 22°29 | S 16 |
| M17 | 5 44 6 | 24°45'58 | 28°48 | 7° 6 | 7°53 | 14°40 | 15°25 | 17°43 | 18°33 | 17°59 | 5°53 | 13°56 | 13° 6 | 10°37 | 22°28 | M17 |
| T 18 | 5 48 2 | 25°46'31 | 11 Ω 45 | 8°31 | 9° 3 | 15°26 | 15°38 | 17°45 | 18°31 | 18° 2 | 5°55 | 13°47 | 13° 3 | 10°44 | 22°27 | T 18 |
| W19 | 5 51 59 | 26°47'06 | 24°19 | 9°57 | 10°13 | 16°12 | 15°51 | 17°48 | 18°30 | 18° 4 | 5°57 | 13°40 | 13° 0 | 10°51 | 22°26 | W19 |
| T 20 | 5 55 55 | 27°47'42 | 6 m 35 | 11°24 | 11°23 | 16°58 | 16° 5 | 17°51 | 18°29 | 18° 6 | 5°58 | 13°35 | 12°57 | 10°57 | 22°25 | T 20 |
| F 21 | 5 59 52 | 28°48'19 | 18°37 | 12°52 | 12°33 | 17°44 | 16°18 | 17°54 | 18°28 | 18° 8 | 6° 0 | 13°33 | 12°54 | 11° 4 | 22°24 | F 21 |
| S 22 | 6 3 49 | 29°48'58 | 0 ჲ 28 | 14°21 | 13°42 | 18°30 | 16°31 | 17°57 | 18°26 | 18°10 | 6° 2 | 13°D33 | 12°50 | 11°11 | 22°24 | S 22 |
| S 23 | 6 7 45 | 0 ح 49'39 | 12°16 | 15°51 | 14°52 | 19°16 | 16°45 | 18° 0 | 18°25 | 18°12 | 6° 3 | 13°R33 | 12°47 | 11°17 | 22°23 | S 23 |
| M24 | 6 11 42 | 1°50'21 | 24° 5 | 17°21 | 16° 1 | 20° 3 | 16°58 | 18° 3 | 18°23 | 18°15 | 6° 5 | 13°33 | 12°44 | 11°24 | 22°23 | M24 |
| T 25 | 6 15 38 | 2°51'05 | 6 M 0 | 18°52 | 17°11 | 20°49 | 17°12 | 18° 7 | 18°22 | 18°17 | 6° 6 | 13°31 | 12°41 | 11°30 | 22°22 | T 25 |
| W26 | 6 19 35 | 3°51'50 | 18° 8 | 20°23 | 18°20 | 21°35 | 17°25 | 18°10 | 18°20 | 18°19 | 6° 8 | 13°26 | 12°38 | 11°37 | 22°22 | W26 |
| T 27 | 6 23 31 | 4°52'36 | 0 ₮ 30 | 21°55 | 19°29 | 22°21 | 17°39 | 18°14 | 18°18 | 18°21 | 6° 9 | 13°19 | 12°34 | 11°44 | 22°21 | T 27 |
| F 28 | 6 27 28 | 5°53'24 | 13°11 | 23°27 | 20°38 | 23° 8 | 17°52 | 18°17 | 18°17 | 18°23 | 6°11 | 13° 9 | 12°31 | 11°50 | 22°21 | F 28 |
| S 29 | 6 31 24 | 6°54'13 | 26°10 | 24°59 | 21°47 | 23°54 | 18° 6 | 18°21 | 18°15 | 18°26 | 6°12 | 12°57 | 12°28 | 11°57 | 22°21 | S 29 |
| S 30 | 6 35 21 | 7°55'03 | 9 군 27 | 26°31 | 22°55 | 24°41 | 1 <u>8</u> °19 | 18°25 | 18°13 | 1 <u>8</u> °28 | 6°13 | 12°43 | 12°25 | 12° 4 | 22°20 | S 30 |
| M31 | 6 39 18 | 8 궁 55'54 | 23중 1 | 28 ×7 4 | 24≈ 4 | 25≈27 | 18 궁 33 | 18 ∺ 29 | 18 Ω 11 | 18 궁 30 | 6 M .15 | 12 ≏ 30 | 12 ≏ 22 | 12 ₽ 10 | 22 Y 20 | M31 |

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|------|---------|----------------------|------------------------|----------------|----------------|-------------------------|----------------|-----------------|------------------|----------------|---------------|-------------------------|-----------------|--------------------------|--|--------------|
| T 1 | 6 43 14 | 9 ප 56'46 | | 29 × 37 | | | 18 ට 46 | 18) (33 | 18°R 9 | 18 궁 32 | 6ML16 | 12°R18 | 12 ≏ 19 | 12 ₽ 17 | 22°R20 | T 1 |
| W 2 | 6 47 11 | 10°57'39 | 6 ≈ 48 20°43 | 1 3 9 | 25≈12 26°20 | 26 ≈ 14 27° 0 | 18 0 46 | 18 x 33 | 18 € 9 18 € 8 | 18°35 | 6°17 | 12°K18 12 Ω 9 | 12 32 19 | 12 32 17 12°24 | $\frac{22^{4} \text{R} 20}{22 \text{\Upsilon} 20}$ | W 2 |
| T 3 | 651 7 | 10 37 39 11°58'33 | 4)(44 | 2°42 | 20°28 | 27°47 | 19°13 | 18°41 | 18° 6 | 18°37 | 6°18 | 12 == 9 | 12°12 | 12°24 12°30 | 22°D20 | T 3 |
| F 4 | 6 55 4 | 11 36 33 12°59'27 | 18°49 | 4°15 | 28°36 | 28°33 | 19°13 | 18°45 | 18° 4 | 18°39 | 6°20 | 11°59 | 12° 9 | 12°37 | 22°20 | F 4 |
| S 5 | 6 59 0 | 14° 0'22 | 2 Υ 53 | 5°48 | 29°44 | 29°20 | 19°41 | 18°49 | 18° 2 | 18°41 | 6°21 | 11°58 | 12° 6 | 12°44 | 22°20 | S 5 |
| | | | | | - | | | | _ | - | | | | | | |
| S 6 | 7 2 57 | 15° 1'17 | 16°58 | 7°21 | 0 ₩51 | 0 ∺ 7 | 19°54 | 18°54 | 18° 0 | 18°44 | 6°22 | 11°58 | 12° 3 | 12°50 | 22°20 | S 6 |
| M 7 | 7 6 54 | 16° 2'13 | 18 2 | 8°55 | 1°59 | 0°53 | 20° 8 | 18°58 | 17°58 | 18°46 | 6°23 | 11°57 | 12° 0 | 12°57 | 22°20 | M 7 |
| T 8 | 7 10 50 | 17° 3'09 | 15° 5 | 10°28 | 3° 6 | 1°40 | 20°22 | 19° 3 | 17°55 | 18°48 | 6°24 | 11°55 | 11°56 | 13° 3 | 22°21 | T 8 |
| W 9 | 7 14 47 | 18° 4'06 | 29° 4 | 12° 2 | 4°13 | 2°27 | 20°35 | 19° 7 | 17°53 | 18°50 | 6°25 | 11°50 | 11°53 | 13°10 | 22°21 | W 9 |
| T 10 | 7 18 43 | 19° 5'03 | 12 Ⅱ 59 | 13°35 | 5°19 | 3°14 | 20°49 | 19°12 | 17°51 | 18°53 | 6°26 | 11°43 | 11°50 | 13°17 | 22°21 | T 10 |
| F 11 | 7 22 40 | 20° 6'01 | 26°46 | 15° 9 | 6°26 7°32 | 4° 0 4°47 | 21° 3 | 19°17 | 17°49 17°47 | 18°55 | 6°27 | 11°32 | 11°47 | 13°23 | 22°22 22°22 | F 11 S 12 |
| S 12 | 7 26 36 | 21° 6'59 | 10923 | 16°43 | 7-32 | 4-4/ | 21°17 | 19°22 | 1/-4/ | 18°57 | 6°28 | 11°20 | 11°44 | 13°30 | 22-22 | 5 12 |
| S 13 | 7 30 33 | 22° 7'58 | 23°45 | 18°17 | 8°38 | 5°34 | 21°30 | 19°26 | 17°45 | 18°59 | 6°29 | 11° 6 | 11°40 | 13°37 | 22°23 | S 13 |
| M14 | 7 34 29 | 23° 8'57 | 6 Ω 51 | 19°51 | 9°44 | 6°21 | 21°44 | 19°31 | 17°42 | 19° 2 | 6°30 | 10°54 | 11°37 | 13°43 | 22°23 | M14 |
| T 15 | 7 38 26 | 24° 9'57 | 19°38 | 21°26 | 10°49 | 7° 8 | 21°58 | 19°37 | 17°40 | 19° 4 | 6°31 | 10°43 | 11°34 | 13°50 | 22°24 | T 15 |
| W16 | 7 42 23 | 25°10'58 | 2MD 8 | 23° 0 | 11°55 | 7°55 | 22°11 | 19°42 | 17°38 | 19° 6 | 6°32 | 10°34 | 11°31 | 13°57 | 22°25 | W16 |
| T 17 | 7 46 19 | 26°11'59 | 14°22 | 24°35 | 13° 0 | 8°41 | 22°25 | 19°47 | 17°35 | 19° 8 | 6°33 | 10°29 | 11°28 | 14° 3 | 22°25 | T 17 |
| F 18 | 7 50 16 | 27°13'01 | 26°22 | 26°10 | 14° 4 | 9°28 | 22°39 | 19°52 | 17°33 | 19°11 | 6°33 | 10°26 | 11°25 | 14°10 | 22°26 | F 18 |
| S 19 | 7 54 12 | 28°14'03 | 8 ≏ 14 | 27°46 | 15° 9 | 10°15 | 22°52 | 19°57 | 17°30 | 19°13 | 6°34 | 10°D25 | 11°21 | 14°17 | 22°27 | S 19 |
| S 20 | 7 58 9 | 29°15'06 | 20° 1 | 29°22 | 16°13 | 11° 2 | 23° 6 | 20° 3 | 17°28 | 19°15 | 6°35 | 10°25 | 11°18 | 14°23 | 22°28 | S 20 |
| M21 | 8 2 5 | 0≈16'10 | 1 M 50 | 0≈57 | 17°17 | 11°49 | 23°20 | 20° 8 | 17°26 | 19°17 | 6°35 | 10°R25 | 11°15 | 14°30 | 22°29 | M21 |
| T 22 | 8 6 2 | 1°17'14 | 13°46 | 2°34 | 18°20 | 12°36 | 23°33 | 20°14 | 17°23 | 19°20 | 6°36 | 10°24 | 11°12 | 14°36 | 22°30 | T 22 |
| W23 | 8 9 58 | 2°18'19 | 25°54 | 4°10 | 19°23 | 13°23 | 23°47 | 20°19 | 17°21 | 19°22 | 6°37 | 10°21 | 11° 9 | 14°43 | 22°31 | W23 |
| T 24 | 8 13 55 | 3°19'24 | 8 ∡ 19 | 5°47 | 20°26 | 14°10 | 24° 1 | 20°25 | 17°18 | 19°24 | 6°37 | 10°16 | 11° 6 | 14°50 | 22°32 | T 24 |
| F 25 | 8 17 52 | 4°20'29 | 2 <u>1°</u> 5 | 7°24 | 21°29 | 14°57 | 24°14 | 20°31 | 17°16 | 19°26 | 6°38 | 10° 8 | 11° 2 | 14°56 | 22°33 | F 25 |
| S 26 | 8 21 48 | 5°21'35 | 4 궁 14 | 9° 2 | 22°31 | 15°44 | 24°28 | 20°36 | 17°13 | 19°28 | 6°38 | 9°59 | 10°59 | 15° 3 | 22°35 | S 26 |
| S 27 | 8 25 45 | 6°22'42 | 17°47 | 10°40 | 23°33 | 16°31 | 24°41 | 20°42 | 17°11 | 19°31 | 6°39 | 9°48 | 10°56 | 15°10 | 22°36 | S 27 |
| M28 | 8 29 41 | 7°23'48 | 1≈41 | 12°18 | 24°34 | 17°18 | 24°55 | 20°48 | 17° 8 | 19°33 | 6°39 | 9°36 | 10°53 | 15°16 | 22°37 | M28 |
| T 29 | 8 33 38 | 8°24'54 | 15°52 | 13°56 | 25°35 | 18° 5 | 25° 9 | 20°54 | 17° 5 | 19°35 | 6°39 | 9°27 | 10°50 | 15°23 | 22°39 | T 29 |
| W30 | 8 37 34 | 9°26'01 | 0 ₩15 | 15°35 | 26°36 | 18°52 | 25°22 | 21° 0 | 17° 3 | 19°37 | 6°40 | 9°19 | 10°46 | 15°30 | 22°40 | W30 |
| T 31 | 8 41 31 | 10≈27'07 | 14 米 44 | 17≈14 | 27) 36 | 19 米 39 | 25 る 36 | 21 米 6 | 17 Ω 0 | 19 る 39 | 6 M 40 | 9 ≏ 14 | 10 ≏ 43 | 15 ≏ 36 | 22 Y 42 | T 31 |

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| F 1 | 8 45 27 | 11≈28'13 | 29 米 13 | 18≈54 | 28 米 35 | 20 米 26 | 25 궁 49 | 21) 12 | 16°R58 | 19 ට 41 | 6 M .40 | 9°R11 | 10 ≏ 40 | 15 ≏ 43 | 22 Y 43 | F 1 |
| S 2 | 8 49 24 | 12°29'18 | 13 Y 36 | 20°33 | 29°35 | 21°14 | 26° 3 | 21°18 | 16 Ω 55 | 19°44 | 6°40 | 9°D11 | 10°37 | 15°50 | 22°45 | S 2 |
| S 3 | 8 53 21 | 13°30'23 | 27°52 | 22°13 | 0 Υ 33 | 22° 1 | 26°16 | 21°24 | 16°53 | 19°46 | 6°41 | 9 ₽ 12 | 10°34 | 15°56 | 22°46 | S 3 |
| M 4 | 8 57 17 | 14°31'28 | 11 8 57 | 23°53 | 1°32 | 22°48 | 26°29 | 21°31 | 16°50 | 19°48 | 6°41 | 9°R12 | 10°31 | 16° 3 | 22°48 | M 4 |
| T 5 | 9 1 14 | 15°32'32 | 25°53 | 25°33 | 2°29 | 23°35 | 26°43 | 21°37 | 16°47 | 19°50 | 6°41 | 9°12 | 10°27 | 16° 9 | 22°50 | T 5 |
| W 6 | 9 5 10 | 16°33'35 | 9 Ⅱ 37 | 27°14 | 3°27 | 24°22 | 26°56 | 21°43 | 16°45 | 19°52 | 6°41 | 9° 9 | 10°24 | 16°16 | 22°51 | W 6 |
| T 7 | 9 9 7 | 17°34'38 | 23°11 | 28°54 | 4°23 | 25° 9 | 27° 9 | 21°50 | 16°42 | 19°54 | 6°41 | 9° 5 | 10°21 | 16°23 | 22°53 | T 7 |
| F 8 | 9 13 3 | 18°35'41 | 6933 | 0) € 34 | 5°19 | 25°56 | 27°23 | 21°56 | 16°39 | 19°56 | 6°R41 | 8°58 | 10°18 | 16°29 | 22°55 | F 8 |
| S 9 | 9 17 0 | 19°36'42 | 19°44 | 2°13 | 6°15 | 26°43 | 27°36 | 22° 3 | 16°37 | 19°58 | 6°41 | 8°49 | 10°15 | 16°36 | 22°57 | S 9 |
| S 10 | 9 20 56 | 20°37'44 | 2 Ω 42 | 3°53 | 7° 9 | 27°30 | 27°49 | 22° 9 | 16°34 | 20° 0 | 6°41 | 8°40 | 10°12 | 16°43 | 22°59 | S 10 |
| M11 | 9 24 53 | 21°38'44 | 15°27 | 5°31 | 8° 4 | 28°17 | 28° 2 | 22°16 | 16°32 | 20° 2 | 6°41 | 8°31 | 10°8 | 16°49 | 23° 1 | M11 |
| T 12 | 9 28 50 | 22°39'44 | 27°59 | 7° 9 | 8°57 | 29° 4 | 28°15 | 22°22 | 16°29 | 20° 4 | 6°41 | 8°23 | 10° 5 | 16°56 | 23° 3 | T 12 |
| W13 | 9 32 46 | 23°40'44 | 10 m)17 | 8°45 | 9°50 | 29°51 | 28°29 | 22°29 | 16°27 | 20° 6 | 6°41 | 8°18 | 10° 2 | 17° 3 | 23° 5 | W13 |
| T 14 | 9 36 43 | 24°41'43 | 22°24 | 10°20 | 10°42 | 0 Υ 38 | 28°42 | 22°36 | 16°24 | 20° 8 | 6°40 | 8°14 | 9°59 | 17° 9 | 23° 7 | T 14 |
| F 15 | 9 40 39 | 25°42'42 | 4 ≏ 21 | 11°53 | 11°33 | 1°25 | 28°55 | 22°42 | 16°21 | 20°10 | 6°40 | 8°D13 | 9°56 | 17°16 | 23° 9 | F 15 |
| S 16 | 9 44 36 | 26°43'40 | 16°11 | 13°24 | 12°24 | 2°12 | 29° 8 | 22°49 | 16°19 | 20°12 | 6°40 | 8°13 | 9°52 | 17°23 | 23°12 | S 16 |
| S 17 | 9 48 32 | 27°44'37 | 27°58 | 14°53 | 13°13 | 2°59 | 29°20 | 22°56 | 16°16 | 20°14 | 6°40 | 8°14 | 9°49 | 17°29 | 23°14 | S 17 |
| M18 | 9 52 29 | 28°45'35 | 9 M .46 | 16°18 | 14° 2 | 3°46 | 29°33 | 23° 3 | 16°14 | 20°16 | 6°39 | 8°16 | 9°46 | 17°36 | 23°16 | M18 |
| T 19 | 9 56 25 | 29°46'31 | 21°41 | 17°39 | 14°50 | 4°33 | 29°46 | 23° 9 | 16°11 | 20°18 | 6°39 | 8°17 | 9°43 | 17°43 | 23°19 | T 19 |
| W20 | 10 0 22 | 0) (47′28 | 3 ∡7 47 | 18°55 | 15°37 | 5°20 | 29°59 | 23°16 | 16° 9 | 20°19 | 6°39 | 8°R18 | 9°40 | 17°49 | 23°21 | W20 |
| T 21 | 10 4 19 | 1°48'24 | 16°10 | 20° 7 | 16°23 | 6° 6 | 0≈12 | 23°23 | 16° 6 | 20°21 | 6°38 | 8°16 | 9°37 | 17°56 | 23°23 | T 21 |
| F 22 | 10 8 15 | 2°49'19 | 28°54 | 21°12 | 17° 8 | 6°53 | 0°24 | 23°30 | 16° 4 | 20°23 | 6°38 | 8°14 | 9°33 | 18° 2 | 23°26 | F 22 |
| S 23 | 10 12 12 | 3°50'14 | 12る 2 | 22°10 | 17°52 | 7°40 | 0°37 | 23°37 | 16° 1 | 20°25 | 6°37 | 8° 9 | 9°30 | 18° 9 | 23°28 | S 23 |
| S 24 | 10 16 8 | 4°51'08 | 25°37 | 23° 1 | 18°35 | 8°27 | 0°50 | 23°44 | 15°59 | 20°27 | 6°37 | 8° 4 | 9°27 | 18°16 | 23°31 | S 24 |
| M25 | 10 20 5 | 5°52'01 | 9≈39 | 23°44 | 19°17 | 9°14 | 1° 2 | 23°51 | 15°56 | 20°28 | 6°36 | 7°59 | 9°24 | 18°22 | 23°33 | M25 |
| T 26 | 10 24 1 | 6°52'54 | 24° 3 | 24°17 | 19°58 | 10° 1 | 1°14 | 23°58 | 15°54 | 20°30 | 6°35 | 7°54 | 9°21 | 18°29 | 23°36 | T 26 |
| W27 | 10 27 58 | 7°53'45 | 8) (46 | 24°40 | 20°37 | 10°48 | 1°27 | 24° 5 | 15°52 | 20°32 | 6°35 | 7°50 | 9°17 | 18°36 | 23°39 | W27 |
| T 28 | 10 31 54 | 8) 54'36 | 23 米 38 | 24) (53 | 21 Υ 16 | 11 Y 34 | 1≈39 | 24) 12 | 15 Ω 49 | 20 る 33 | 6 M .34 | 7 ≏ 48 | 9 ≏ 14 | 18 ≏ 42 | 23 Y 41 | T 28 |

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| F 1 | 10 35 51 | 9) 55'25 | 8 Υ 33 | 24°R56 | 21 Y 53 | 12 Υ 21 | 1≈51 | 24) (19 | 15°R47 | 20 궁 35 | 6°R33 | 7°D48 | 9 ₽ 11 | 18 ≏ 49 | 23 Y 44 | F 1 |
| S 2 | 10 39 47 | 10°56'13 | 23°22 | 24) (47 | 22°28 | 13° 8 | 2° 4 | 24°26 | 15 Ω 45 | 20°37 | 6 M 33 | 7 ≏ 48 | 9° 8 | 18°56 | 23°47 | S 2 |
| S 3 | 10 43 44 | 11°57'00 | 8 8 0 | 24°27 | 23° 3 | 13°55 | 2°16 | 24°33 | 15°42 | 20°38 | 6°32 | 7°50 | 9° 5 | 19° 2 | 23°50 | S 3 |
| M 4 | 10 47 41 | 12°57'45 | 22°21 | 23°57 | 23°36 | 14°41 | 2°28 | 24°41 | 15°40 | 20°40 | 6°31 | 7°51 | 9° 2 | 19° 9 | 23°52 | M 4 |
| T 5 | 10 51 37 | 13°58'29 | 6 Ⅱ 24 | 23°16 | 24° 7 | 15°28 | 2°40 | 24°48 | 15°38 | 20°41 | 6°30 | 7°52 | 8°58 | 19°16 | 23°55 | T 5 |
| W 6 | 10 55 34 | 14°59'12 | 20° 7 | 22°27 | 24°37 | 16°15 | 2°52 | 24°55 | 15°36 | 20°43 | 6°29 | 7°R52 | 8°55 | 19°22 | 23°58 | W 6 |
| T 7 | 10 59 30 | 15°59'53 | 3932 | 21°31 | 25° 5 | 17° 1 | 3° 3 | 25° 2 | 15°34 | 20°44 | 6°28 | 7°51 | 8°52 | 19°29 | 24° 1 | T 7 |
| F 8 | 11 3 27 | 17° 0'32 | 16°39 | 20°28 | 25°31 | 17°48 | 3°15 | 25° 9 | 15°31 | 20°46 | 6°28 | 7°49 | 8°49 | 19°35 | 24° 4 | F 8 |
| S 9 | 11 7 23 | 18° 1'10 | 29°31 | 19°22 | 25°56 | 18°34 | 3°27 | 25°16 | 15°29 | 20°47 | 6°27 | 7°46 | 8°46 | 19°42 | 24° 7 | S 9 |
| S 10 | 11 11 20 | 19° 1'46 | 12 N 9 | 18°13 | 26°18 | 19°21 | 3°38 | 25°24 | 15°27 | 20°49 | 6°26 | 7°43 | 8°43 | 19°49 | 24°10 | S 10 |
| M11 | 11 15 16 | 20° 2'21 | 24°34 | 17° 3 | 26°39 | 20° 7 | 3°50 | 25°31 | 15°25 | 20°50 | 6°25 | 7°40 | 8°39 | 19°55 | 24°13 | M11 |
| T 12 | 11 19 13 | 21° 2'54 | 6 m 49 | 15°55 | 26°58 | 20°54 | 4° 1 | 25°38 | 15°23 | 20°51 | 6°24 | 7°38 | 8°36 | 20° 2 | 24°16 | T 12 |
| W13 | 11 23 10 | 22° 3'26 | 18°55 | 14°50 | 27°15 | 21°40 | 4°13 | 25°45 | 15°21 | 20°53 | 6°23 | 7°36 | 8°33 | 20° 9 | 24°19 | W13 |
| T 14 | 11 27 6 | 23° 3'56 | 0 ჲ 52 | 13°49 | 27°30 | 22°27 | 4°24 | 25°53 | 15°19 | 20°54 | 6°22 | 7°35 | 8°30 | 20°15 | 24°22 | T 14 |
| F 15 | 11 31 3 | 24° 4'25 | 12°44 | 12°54 | 27°42 | 23°13 | 4°35 | 26° 0 | 15°18 | 20°55 | 6°20 | 7°D35 | 8°27 | 20°22 | 24°25 | F 15 |
| S 16 | 11 34 59 | 25° 4'53 | 24°33 | 12° 5 | 27°53 | 23°59 | 4°46 | 26° 7 | 15°16 | 20°57 | 6°19 | 7°36 | 8°23 | 20°29 | 24°28 | S 16 |
| S 17 | 11 38 56 | 26° 5'19 | 6M20 | 11°23 | 28° 1 | 24°46 | 4°57 | 26°14 | 15°14 | 20°58 | 6°18 | 7°37 | 8°20 | 20°35 | 24°32 | S 17 |
| M18 | 11 42 52 | 27° 5'44 | 18°10 | 10°48 | 28° 7 | 25°32 | 5° 8 | 26°22 | 15°12 | 20°59 | 6°17 | 7°38 | 8°17 | 20°42 | 24°35 | M18 |
| T 19 | 11 46 49 | 28° 6'08 | 0 ∡ 7 6 | 10°21 | 28°10 | 26°18 | 5°19 | 26°29 | 15°10 | 21° 0 | 6°16 | 7°39 | 8°14 | 20°49 | 24°38 | T 19 |
| W20 | 11 50 45 | 29° 6'30 | 12°12 | 10° 1 | 28°R11 | 27° 4 | 5°30 | 26°36 | 15° 9 | 21° 1 | 6°14 | 7°40 | 8°11 | 20°55 | 24°41 | W20 |
| T 21 | 11 54 42 | 0 Υ 6'51 | 24°32 | 9°48 | 28°10 | 27°51 | 5°40 | 26°43 | 15° 7 | 21° 2 | 6°13 | 7°40 | 8° 8 | 21° 2 | 24°44 | T 21 |
| F 22 | 11 58 39 | 1° 7'11 | 7중11 | 9°D43 | 28° 6 | 28°37 | 5°51 | 26°51 | 15° 6 | 21° 3 | 6°12 | 7°R40 | 8° 4 | 21° 9 | 24°48 | F 22 |
| S 23 | 12 2 35 | 2° 7'29 | 20°13 | 9°44 | 28° 0 | 29°23 | 6° 1 | 26°58 | 15° 4 | 21° 4 | 6°11 | 7°40 | 8° 1 | 21°15 | 24°51 | S 23 |
| S 24 | 12 6 32 | 3° 7'46 | 3≈41 | 9°52 | 27°51 | 0 8 9 | 6°12 | 27° 5 | 15° 2 | 21° 5 | 6° 9 | 7°40 | 7°58 | 21°22 | 24°54 | S 24 |
| M25 | 12 10 28 | 4° 8'02 | 17°36 | 10° 5 | 27°39 | 0°55 | 6°22 | 27°12 | 15° 1 | 21° 6 | 6° 8 | 7°39 | 7°55 | 21°28 | 24°58 | M25 |
| T 26 | 12 14 25 | 5° 8'16 | 1 米 57 | 10°25 | 27°26 | 1°41 | 6°32 | 27°19 | 15° 0 | 21° 7 | 6° 7 | 7°39 | 7°52 | 21°35 | 25° 1 | T 26 |
| W27 | 12 18 21 | 6° 8'28 | 16°42 | 10°49 | 27° 9 | 2°27 | 6°42 | 27°27 | 14°58 | 21° 8 | 6° 5 | 7°39 | 7°49 | 21°42 | 25° 4 | W27 |
| T 28 | 12 22 18 | 7° 8'39 | 1 Υ 44 | 11°19 | 26°51 | 3°13 | 6°52 | 27°34 | 14°57 | 21° 9 | 6° 4 | 7°39 | 7°45 | 21°48 | 25° 8 | T 28 |
| F 29 S 30 | 12 26 14 | 8° 8'49 9° 8'56 | 16°54 | 11°53 12°32 | 26°30 26° 7 | 3°59 4°45 | 7° 2 7°12 | 27°41 | 14°56 14°54 | 21°10 21°11 | 6° 2 6° 1 | 7°39 7°39 | 7°42 7°39 | 21°55 22° 2 | 25°11 25°14 | F 29 S 30 |
| | 12 30 11 | , 000 | 28 3 | _ | | _ | | 27°48 | _ | | | | | | | |
| S 31 | 12 34 7 | 10 Y 9'02 | 178 2 | 13) 14 | 25 Ƴ 41 | 5 8 30 | 7≈21 | 27 米 55 | 14 Ω 53 | 21 궁 11 | 6 M 0 | 7 ≏ 38 | 7 ≏ 36 | 22 º 8 | 25 Ƴ 18 | S 31 |

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| M 1 | 12 38 4 | 11 Y 9'06 | 1∏44 | 14) (1 | 25°R14 | 6816 | 7≈31 | 28 米 2 | 14°R52 | 21 궁 12 | 5°R58 | 7°R38 | 7 ₾ 33 | 22 ≏ 15 | 25 Y 21 | M 1 |
| T 2 | 12 42 1 | 12° 9'07 | 16° 3 | 14°50 | 24 Y 45 | 7° 2 | 7°40 | 28°10 | 14 Ω 51 | 21°13 | 5 M 57 | 7 ॒ 38 | 7°29 | 22°22 | 25°25 | T 2 |
| W 3 | 12 45 57 | 13° 9'07 | 29°56 | 15°43 | 24°13 | 7°48 | 7°49 | 28°17 | 14°50 | 21°14 | 5°55 | 7°37 | 7°26 | 22°28 | 25°28 | W 3 |
| T 4 | 12 49 54 | 14° 9'04 | 139524 | 16°39 | 23°41 | 8°33 | 7°59 | 28°24 | 14°49 | 21°14 | 5°54 | 7°D37 | 7°23 | 22°35 | 25°32 | T 4 |
| F 5 | 12 53 50 | 15° 9'00 | 26°29 | 17°38 | 23° 7 | 9°19 | 8° 8 | 28°31 | 14°48 | 21°15 | 5°52 | 7°37 | 7°20 | 22°42 | 25°35 | F 5 |
| S 6 | 12 57 47 | 16° 8'53 | 9Ω12 | 18°40 | 22°31 | 10° 4 | 8°16 | 28°38 | 14°47 | 21°15 | 5°50 | 7°38 | 7°17 | 22°48 | 25°39 | S 6 |
| S 7 | 13 1 43 | 17° 8'44 | 21°39 | 19°44 | 21°55 | 10°50 | 8°25 | 28°45 | 14°46 | 21°16 | 5°49 | 7°39 | 7°14 | 22°55 | 25°42 | S 7 |
| M 8 | 13 5 40 | 18° 8'33 | 3 m 51 | 20°50 | 21°18 | 11°35 | 8°34 | 28°52 | 14°46 | 21°17 | 5°47 | 7°40 | 7°10 | 23° 2 | 25°46 | M 8 |
| T 9 | 13 9 36 | 19° 8'20 | 15°53 | 21°59 | 20°41 | 12°21 | 8°42 | 28°59 | 14°45 | 21°17 | 5°46 | 7°41 | 7° 7 | 23° 8 | 25°49 | T 9 |
| W10 | 13 13 33 | 20° 8'05 | 27°48 | 23°10 | 20° 3 | 13° 6 | 8°51 | 29° 6 | 14°44 | 21°17 | 5°44 | 7°41 | 7° 4 | 23°15 | 25°53 | W10 |
| T 11 | 13 17 30 | 21° 7'47 | 9 ॒ 39 | 24°22 | 19°25 | 13°52 | 8°59 | 29°13 | 14°44 | 21°18 | 5°43 | 7°R42 | 7° 1 | 23°22 | 25°56 | T 11 |
| F 12 | 13 21 26 | 22° 7'28 | 21°27 | 25°37 | 18°48 | 14°37 | 9° 7 | 29°20 | 14°43 | 21°18 | 5°41 | 7°41 | 6°58 | 23°28 | 26° 0 | F 12 |
| S 13 | 13 25 23 | 23° 7'07 | 3 M .15 | 26°54 | 18°11 | 15°22 | 9°15 | 29°26 | 14°42 | 21°19 | 5°39 | 7°40 | 6°54 | 23°35 | 26° 3 | S 13 |
| S 14 | 13 29 19 | 24° 6'44 | 15° 6 | 28°12 | 17°35 | 16° 7 | 9°23 | 29°33 | 14°42 | 21°19 | 5°38 | 7°38 | 6°51 | 23°41 | 26° 7 | S 14 |
| M15 | 13 33 16 | 25° 6'20 | 27° 1 | 29°32 | 17° 0 | 16°52 | 9°31 | 29°40 | 14°42 | 21°19 | 5°36 | 7°35 | 6°48 | 23°48 | 26°10 | M15 |
| T 16 | 13 37 12 | 26° 5'53 | 9 . ₹ 2 | 0 Υ 54 | 16°27 | 17°38 | 9°38 | 29°47 | 14°41 | 21°19 | 5°34 | 7°32 | 6°45 | 23°55 | 26°14 | T 16 |
| W17 | 13 41 9 | 27° 5'25 | 21°13 | 2°17 | 15°54 | 18°23 | 9°46 | 29°54 | 14°41 | 21°20 | 5°33 | 7°29 | 6°42 | 24° 1 | 26°17 | W17 |
| T 18 | 13 45 5 | 28° 4'55 | 3 云 36 | 3°42 | 15°24 | 19° 8 | 9°53 | 0Υ 0 | 14°41 | 21°20 | 5°31 | 7°27 | 6°39 | 24° 8 | 26°21 | T 18 |
| F 19 | 13 49 2 | 29° 4'24 | 16°15 | 5° 9 | 14°55 | 19°53 | 10° 0 | 0° 7 | 14°40 | 21°20 | 5°29 | 7°25 | 6°35 | 24°15 | 26°24 | F 19 |
| S 20 | 13 52 58 | 0 8 3'50 | 29°12 | 6°37 | 14°29 | 20°38 | 10° 7 | 0°14 | 14°40 | 21°20 | 5°28 | 7°D25 | 6°32 | 24°21 | 26°28 | S 20 |
| S 21 | 13 56 55 | 1° 3'15 | 12≈31 | 8° 7 | 14° 4 | 21°22 | 10°14 | 0°20 | 14°40 | 21°20 | 5°26 | 7°25 | 6°29 | 24°28 | 26°31 | S 21 |
| M22 | 14 0 52 | 2° 2'39 | 26°14 | 9°38 | 13°41 | 22° 7 | 10°21 | 0°27 | 14°D40 | 21°20 | 5°24 | 7°26 | 6°26 | 24°35 | 26°35 | M22 |
| T 23 | 14 448 | 3° 2'00 | 10 ∺ 23 | 11°10 | 13°21 | 22°52 | 10°27 | 0°33 | 14°40 | 21°R20 | 5°23 | 7°28 | 6°23 | 24°41 | 26°38 | T 23 |
| W24 | 14 8 45 | 4° 1'20 | 24°56 | 12°44 | 13° 4 | 23°37 | 10°34 | 0°40 | 14°40 | 21°20 | 5°21 | 7°29 | 6°20 | 24°48 | 26°42 | W24 |
| T 25 | 14 12 41 | 5° 0'38 | 9 Υ 49 | 14°20 | 12°48 | 24°22 | 10°40 | 0°46 | 14°40 | 21°20 | 5°19 | 7°R29 | 6°16 | 24°55 | 26°45 | T 25 |
| F 26 | 14 16 38 | 5°59'55 | 24°56 | 15°56 | 12°35 | 25° 6 | 10°46 | 0°52 | 14°41 | 21°20 | 5°18 | 7°28 | 6°13 | 25° 1 | 26°49 | F 26 |
| S 27 | 14 20 34 | 6°59'09 | 108 9 | 17°35 | 12°25 | 25°51 | 10°52 | 0°59 | 14°41 | 21°20 | 5°16 | 7°26 | 6°10 | 25° 8 | 26°52 | S 27 |
| S 28 | 14 24 31 | 7°58'22 | 25°18 | 19°14 | 12°17 | 26°35 | 10°58 | 1° 5 | 14°41 | 21°20 | 5°14 | 7°22 | 6° 7 | 25°15 | 26°56 | S 28 |
| M29 | 14 28 27 | 8°57'32 | 10 Ⅱ 12 | 20°56 | 12°11 | 27°20 | 11° 4 | 1°11 | 14°41 | 2 <u>1</u> °20 | 5°13 | 7°18 | 6° 4 | 25°21 | 26°59 | M29 |
| T 30 | 14 32 24 | 9 8 56'40 | 24 Ⅱ 45 | 22 Y 38 | 12 ° 8 | 288 4 | 11≈ 9 | 1 Υ 18 | 14 Ω 42 | 21 궁 19 | 5 M .11 | 7 ≏ 13 | 6 호 0 | 25 ≏ 28 | 27 Y 3 | T 30 |

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| W 1 | 14 36 21 | 10855'47 | 8950 | 24 Y 22 | 12°D 7 | 28 8 49 | 11≈14 | 1 Υ 24 | 14 Ω 42 | 21°R19 | 5°R 9 | 7°R 9 | 5 ≙ 57 | 25 ₾ 35 | 27 Y 6 | W 1 |
| T 2 | 14 40 17 | 11°54'51 | 22°27 | 26° 8 | 12 ° 9 | 29°33 | 11°20 | 1°30 | 14°43 | 21 궁 19 | 5M 8 | 7 요 6 | 5°54 | 25°41 | 27° 9 | T 2 |
| F 3 | 14 44 14 | 12°53'52 | 5 Ω 37 | 27°55 | 12°13 | 0 Ⅱ 17 | 11°24 | 1°36 | 14°43 | 21°19 | 5° 6 | 7° 4 | 5°51 | 25°48 | 27°13 | F 3 |
| S 4 | 14 48 10 | 13°52'52 | 18°21 | 29°43 | 12°19 | 1° 2 | 11°29 | 1°42 | 14°44 | 21°18 | 5° 4 | 7°D 4 | 5°48 | 25°54 | 27°16 | S 4 |
| S 5 | 14 52 7 | 14°51'49 | 0 m /44 | 1 8 33 | 12°27 | 1°46 | 11°34 | 1°48 | 14°45 | 21°18 | 5° 3 | 7° 5 | 5°45 | 26° 1 | 27°20 | S 5 |
| M 6 | 14 56 3 | 15°50'44 | 12°52 | 3°25 | 12°38 | 2°30 | 11°38 | 1°54 | 14°45 | 21°17 | 5° 1 | 7° 7 | 5°41 | 26° 8 | 27°23 | M 6 |
| T 7 | 15 0 0 | 16°49'37 | 24°48 | 5°18 | 12°50 | 3°14 | 11°43 | 2° 0 | 14°46 | 21°17 | 4°59 | 7° 8 | 5°38 | 26°14 | 27°26 | T 7 |
| W 8 | 15 3 56 | 17°48'28 | 6 ₾ 38 | 7°12 | 13° 5 | 3°58 | 11°47 | 2° 5 | 14°47 | 21°16 | 4°58 | 7°R 9 | 5°35 | 26°21 | 27°30 | W 8 |
| T 9 | 15 7 53 | 18°47'16 | 18°25 | 9° 8 | 13°22 | 4°42 | 11°51 | 2°11 | 14°48 | 21°16 | 4°56 | 7° 8 | 5°32 | 26°28 | 27°33 | T 9 |
| F 10 | 15 11 50 | 19°46'03 | 0 M 13 | 11° 6 | 13°41 | 5°26 | 11°55 | 2°17 | 14°49 | 21°15 | 4°54 | 7° 6 | 5°29 | 26°34 | 27°36 | F 10 |
| S 11 | 15 15 46 | 20°44'47 | 12° 4 | 13° 5 | 14° 1 | 6°10 | 11°58 | 2°23 | 14°50 | 21°15 | 4°53 | 7° 1 | 5°25 | 26°41 | 27°40 | S 11 |
| S 12 | 15 19 43 | 21°43'30 | 24° 0 | 15° 6 | 14°23 | 6°54 | 12° 2 | 2°28 | 14°51 | 21°14 | 4°51 | 6°54 | 5°22 | 26°48 | 27°43 | S 12 |
| M13 | 15 23 39 | 22°42'11 | 6 ₹ 4 | 17° 7 | 14°47 | 7°38 | 12° 5 | 2°34 | 14°52 | 21°14 | 4°50 | 6°46 | 5°19 | 26°54 | 27°46 | M13 |
| T 14 | 15 27 36 | 23°40'50 | 18°17 | 19°11 | 15°13 | 8°22 | 12° 8 | 2°39 | 14°53 | 21°13 | 4°48 | 6°37 | 5°16 | 27° 1 | 27°49 | T 14 |
| W15 | 15 31 32 | 24°39'27 | 0 云 39 | 21°15 | 15°41 | 9° 5 | 12°11 | 2°44 | 14°54 | 21°12 | 4°47 | 6°29 | 5°13 | 27° 8 | 27°53 | W15 |
| T 16 | 15 35 29 | 25°38'03 | 13°12 | 23°21 | 16°10 | 9°49 | 12°14 | 2°50 | 14°55 | 21°12 | 4°45 | 6°21 | 5°10 | 27°14 | 27°56 | T 16 |
| F 17 | 15 39 25 | 26°36'37 | 25°59 | 25°28 | 16°40 | 10°33 | 12°16 | 2°55 | 14°57 | 21°11 | 4°43 | 6°15 | 5° 6 | 27°21 | 27°59 | F 17 |
| S 18 | 15 43 22 | 27°35'09 | 8 ≈ 59 | 27°35 | 17°12 | 11°16 | 12°19 | 3° 0 | 14°58 | 21°10 | 4°42 | 6°11 | 5° 3 | 27°28 | 28° 2 | S 18 |
| S 19 | 15 47 19 | 28°33'40 | 22°17 | 29°43 | 17°45 | 12° 0 | 12°21 | 3° 5 | 14°59 | 21° 9 | 4°40 | 6°10 | 5° 0 | 27°34 | 28° 5 | S 19 |
| M20 | 15 51 15 | 29°32'09 | 5) 53 | 1∏52 | 18°20 | 12°43 | 12°23 | 3°10 | 15° 1 | 21° 8 | 4°39 | 6°D10 | 4°57 | 27°41 | 28° 9 | M20 |
| T 21 | 15 55 12 | 0 Ⅲ 30'37 | 19°49 | 4° 1 | 18°56 | 13°27 | 12°24 | 3°15 | 15° 2 | 21° 8 | 4°37 | 6°10 | 4°54 | 27°48 | 28°12 | T 21 |
| W22 | 15 59 8 | 1°29'03 | 4 Υ 5 | 6°10 | 19°33 | 14°10 | 12°26 | 3°20 | 15° 4 | 21° 7 | 4°36 | 6°R11 | 4°51 | 27°54 | 28°15 | W22 |
| T 23 | 16 3 5 | 2°27'28 | 18°40 | 8°19 | 20°12 | 14°53 | 12°28 | 3°25 | 15° 5 | 21° 6 | 4°34 | 6°11 | 4°47 | 28° 1 | 28°18 | T 23 |
| F 24 | 16 7 1 | 3°25'51 | 3 8 31 | 10°27 | 20°51 | 15°37 | 12°29 | 3°30 | 15° 7 | 21° 5 | 4°33 | 6° 8 | 4°44 | 28° 8 | 28°21 | F 24 |
| S 25 | 16 10 58 | 4°24'13 | 18°31 | 12°35 | 21°32 | 16°20 | 12°30 | 3°35 | 15° 9 | 21° 4 | 4°32 | 6° 3 | 4°41 | 28°14 | 28°24 | S 25 |
| S 26 | 16 14 54 | 5°22'33 | 3耳31 | 14°41 | 22°13 | 17° 3 | 12°31 | 3°39 | 15°10 | 21° 3 | 4°30 | 5°55 | 4°38 | 28°21 | 28°27 | S 26 |
| M27 | 16 18 51 | 6°20'51 | 18°22 | 16°45 | 22°56 | 17°46 | 12°31 | 3°44 | 15°12 | 21° 2 | 4°29 | 5°46 | 4°35 | 28°28 | 28°30 | M27 |
| T 28 | 16 22 48 | 7°19'08 | 2956 | 18°48 | 23°40 | 18°29 | 12°32 | 3°48 | 15°14 | 21° 1 | 4°28 | 5°37 | 4°31 | 28°34 | 28°33 | T 28 |
| W29 | 16 26 44 | 8°17'23 | 17° 5 | 20°49 | 24°24 | 19°12 | 12°32 | 3°53 | 15°16 | 21° 0 | 4°26 | 5°28 | 4°28 | 28°41 | 28°35 | W29 |
| T 30 | 16 30 41 | 9°15'36 | 0 Ω 48 | 22°48 | 25°10 | 19°55 | 12°R32 | 3°57 | 15°18 | 20°59 | 4°25 | 5°20 | 4°25 | 28°48 | 28°38 | T 30 |
| F 31 | 16 34 37 | 10 Ⅱ 13'47 | 14 N 2 | 24∏44 | 25 Y 56 | 20耳38 | 12≈32 | 4Υ 1 | 15 Ω 20 | 20중58 | 4M24 | 5 ≙ 15 | 4 ≗ 22 | 28 ≏ 54 | 28 Y 41 | F 31 |

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| S 1 | 16 38 34 | 11 Ⅱ 11'57 | 26 Ω 50 | 26 II 37 | 26 Y 43 | 21 II 21 | 12°R32 | 4Υ 6 | 15 Ω 22 | 20°R57 | 4°R22 | 5°R12 | 4 ₽ 19 | 29 ♀ 1 | 28 Y 44 | S 1 |
| S 2 | 16 42 30 | 12°10'04 | 9 m)15 | 28°28 | 27°31 | 22° 4 | 12≈31 | 4°10 | 15°24 | 20る55 | 4 M 21 | 5°D11 | 4°16 | 29° 8 | 28°47 | S 2 |
| M 3 | 16 46 27 | 13° 8'09 | 21°24 | 09515 | 28°19 | 22°47 | 12°31 | 4°14 | 15°26 | 20°54 | 4°20 | 5 ≏ 11 | 4°12 | 29°14 | 28°49 | M 3 |
| T 4 | 16 50 23 | 14° 6'13 | 3 ₾ 19 | 1°59 | 29° 9 | 23°29 | 12°30 | 4°18 | 15°28 | 20°53 | 4°19 | 5°R12 | 4° 9 | 29°21 | 28°52 | T 4 |
| W 5 | 16 54 20 | 15° 4'15 | 15° 8 | 3°40 | 29°59 | 24°12 | 12°29 | 4°22 | 15°30 | 20°52 | 4°17 | 5°11 | 4° 6 | 29°27 | 28°55 | W 5 |
| T 6 | 16 58 17 | 16° 2'15 | 26°56 | 5°18 | 0 8 49 | 24°55 | 12°28 | 4°25 | 15°32 | 20°51 | 4°16 | 5° 9 | 4° 3 | 29°34 | 28°57 | T 6 |
| F 7 | 17 2 13 | 17° 0'13 | 8 M .45 | 6°52 | 1°41 | 25°37 | 12°26 | 4°29 | 15°35 | 20°49 | 4°15 | 5° 5 | 4° 0 | 29°41 | 29° 0 | F 7 |
| S 8 | 17 6 10 | 17°58'10 | 20°41 | 8°22 | 2°33 | 26°20 | 12°25 | 4°33 | 15°37 | 20°48 | 4°14 | 4°57 | 3°57 | 29°47 | 29° 3 | S 8 |
| S 9 | 17 10 6 | 18°56'05 | 2 √ 46 | 9°49 | 3°25 | 27° 2 | 12°23 | 4°36 | 15°39 | 20°47 | 4°13 | 4°48 | 3°53 | 29°54 | 29° 5 | S 9 |
| M10 | 17 14 3 | 19°53'59 | 15° 1 | 11°13 | 4°19 | 27°45 | 12°21 | 4°40 | 15°42 | 20°45 | 4°12 | 4°36 | 3°50 | 0 M 1 | 29° 8 | M10 |
| T 11 | 17 17 59 | 20°51'51 | 2 <u>7</u> °28 | 12°32 | 5°12 | 28°27 | 12°19 | 4°43 | 15°44 | 20°44 | 4°11 | 4°23 | 3°47 | 0° 7 | 29°10 | T 11 |
| W12 | 17 21 56 | 21°49'42 | 10중 7 | 13°48 | 6° 7 | 29° 9 | 12°16 | 4°46 | 15°47 | 20°43 | 4°10 | 4°10 | 3°44 | 0°14 | 29°12 | W12 |
| T 13 | 17 25 52 | 22°47'32 | 22°58 | 15° 1 | 7° 2 | 29°52 | 12°14 | 4°50 | 15°49 | 20°41 | 4° 9 | 3°59 | 3°41 | 0°21 | 29°15 | T 13 |
| F 14 | 17 29 49 | 23°45'21 | 6≈ 0 | 16° 9 | 7°57 | 0934 | 12°11 | 4°53 | 15°52 | 20°40 | 4° 8 | 3°50 | 3°37 | 0°27 | 29°17 | F 14 |
| S 15 | 17 33 46 | 24°43'08 | 19°14 | 17°13 | 8°53 | 1°16 | 12° 8 | 4°56 | 15°54 | 20°39 | 4° 7 | 3°43 | 3°34 | 0°34 | 29°19 | S 15 |
| S 16 | 17 37 42 | 25°40'54 | 2)(40 | 18°14 | 9°49 | 1°58 | 12° 5 | 4°59 | 15°57 | 20°37 | 4° 6 | 3°40 | 3°31 | 0°41 | 29°22 | S 16 |
| M17 | 17 41 39 | 26°38'39 | 16°18 | 19°10 | 10°46 | 2°40 | 12° 2 | 5° 2 | 15°59 | 20°36 | 4° 5 | 3°38 | 3°28 | 0°47 | 29°24 | M17 |
| T 18 | 17 45 35 | 27°36'23 | 0 Υ 10 | 20° 2 | 11°43 | 3°22 | 11°59 | 5° 4 | 16° 2 | 20°34 | 4° 4 | 3°38 | 3°25 | 0°54 | 29°26 | T 18 |
| W19 | 17 49 32 | 28°34'07 | 14°16 | 20°50 | 12°41 | 4° 4 | 11°55 | 5° 7 | 16° 5 | 20°33 | 4° 4 | 3°38 | 3°22 | 1° 1 | 29°28 | W19 |
| T 20 | 17 53 28 | 29°31'49 | 28°34 | 21°34 | 13°39 | 4°46 | 11°51 | 5°10 | 16° 7 | 20°31 | 4° 3 | 3°36 | 3°18 | 1° 7 | 29°30 | T 20 |
| F 21 | 17 57 25 | 0929'31 | 138 4 | 22°14 | 14°37 | 5°28 | 11°47 | 5°12 | 16°10 | 20°30 | 4° 2 | 3°33 | 3°15 | 1°14 | 29°32 | F 21 |
| S 22 | 18 1 21 | 1°27'11 | 27°41 | 22°49 | 15°36 | 6°10 | 11°43 | 5°15 | 16°13 | 20°28 | 4° 1 | 3°26 | 3°12 | 1°21 | 29°35 | S 22 |
| S 23 | 18 5 18 | 2°24'51 | 12Ⅲ20 | 23°20 | 16°35 | 6°52 | 11°39 | 5°17 | 16°16 | 20°27 | 4° 1 | 3°17 | 3° 9 | 1°27 | 29°37 | S 23 |
| M24 | 18 9 15 | 3°22'30 | 26°53 | 23°46 | 17°35 | 7°34 | 11°35 | 5°19 | 16°19 | 20°25 | 4° 0 | 3° 6 | 3° 6 | 1°34 | 29°38 | M24 |
| T 25 | 18 13 11 | 4°20'08 | 119513 | 24° 7 | 18°34 | 8°15 | 11°30 | 5°21 | 16°22 | 20°24 | 3°59 | 2°55 | 3° 3 | 1°41 | 29°40 | T 25 |
| W26 | 18 17 8 | 5°17'44 | 25°14 | 24°25 | 19°35 | 8°57 | 11°25 | 5°23 | 16°25 | 20°22 | 3°59 | 2°43 | 2°59 | 1°47 | 29°42 | W26 |
| T 27 | 18 21 4 | 6°15'20 | 8 Ω 51 | 24°37 | 20°35 | 9°39 | 11°21 | 5°25 | 16°28 | 20°21 | 3°58 | 2°34 | 2°56 | 1°54 | 29°44 | T 27 |
| F 28 | 18 25 1 | 7°12'54 | 22° 4 | 24°45 | 21°36 | 10°20 | 11°15 | 5°27 | 16°31 | 20°19 | 3°58 | 2°27 | 2°53 | 2° 1 | 29°46 | F 28 |
| S 29 | 18 28 57 | 8°10'27 | 4 Mp 52 | 24°R48 | 22°37 | 11° 2 | 11°10 | 5°29 | 16°34 | 20°18 | 3°57 | 2°22 | 2°50 | 2° 7 | 29°47 | S 29 |
| S 30 | 18 32 54 | 9 9 7'59 | 17 m)19 | 249546 | 23 8 38 | 119543 | 11≈ 5 | 5 Υ 30 | 16 Ω 37 | 20 궁 16 | 3 M 57 | 2 ₾ 20 | 2 ≙ 47 | 2 m .14 | 29 Y 49 | S 30 |

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| M 1 | 18 36 51 | 1095 5'30 | 29 m 29 | 24°R41 | 24840 | 129525 | 10°R59 | 5 Υ 32 | 16 Ω 40 | 20°R14 | 3°R56 | 2°D19 | 2 ≏ 43 | 2 M 21 | 29 Υ 51 | M 1 |
| T 2 | 18 40 47 | 11° 2'59 | 11 ≏ 26 | 24930 | 25°42 | 13° 6 | 10≈54 | 5°33 | 16°43 | 20 ට 13 | 3 M .56 | 2°R19 | 2°40 | 2°27 | 29°52 | T 2 |
| W 3 | 18 44 44 | 12° 0'28 | 23°16 | 24°16 | 26°44 | 13°47 | 10°48 | 5°35 | 16°46 | 20°11 | 3°55 | 2 ≏ 19 | 2°37 | 2°34 | 29°54 | W 3 |
| T 4 | 18 48 40 | 12°57'55 | 5M 5 | 23°58 | 27°47 | 14°29 | 10°42 | 5°36 | 16°49 | 20°10 | 3°55 | 2°17 | 2°34 | 2°41 | 29°55 | T 4 |
| F 5 | 18 52 37 | 13°55'22 | 16°58 | 23°36 | 28°49 | 15°10 | 10°36 | 5°37 | 16°52 | 20° 8 | 3°55 | 2°13 | 2°31 | 2°47 | 29°57 | F 5 |
| S 6 | 18 56 33 | 14°52'47 | 28°58 | 23°11 | 29°52 | 15°51 | 10°30 | 5°38 | 16°56 | 20° 6 | 3°55 | 2° 6 | 2°28 | 2°54 | 29°58 | S 6 |
| S 7 | 19 0 30 | 15°50'12 | 11🗷11 | 22°44 | 0Д55 | 16°32 | 10°24 | 5°39 | 16°59 | 20° 5 | 3°54 | 1°57 | 2°24 | 3° 1 | 29°59 | S 7 |
| M 8 | 19 4 26 | 16°47'35 | 23°37 | 22°14 | 1°59 | 17°14 | 10°17 | 5°40 | 17° 2 | 20° 3 | 3°54 | 1°46 | 2°21 | 3° 7 | 0 8 1 | M 8 |
| T 9 | 19 8 23 | 17°44'58 | 6 ට 18 | 21°42 | 3° 2 | 17°55 | 10°11 | 5°41 | 17° 5 | 20° 2 | 3°54 | 1°34 | 2°18 | 3°14 | 0° 2 | T 9 |
| W10 | 19 12 20 | 18°42'20 | 19°15 | 21° 8 | 4° 6 | 18°36 | 10° 4 | 5°42 | 17° 9 | 20° 0 | 3°54 | 1°22 | 2°15 | 3°21 | 0° 3 | W10 |
| T 11 | 19 16 16 | 19°39'42 | 2≈27 | 20°34 | 5°10 | 19°17 | 9°58 | 5°42 | 17°12 | 19°58 | 3°54 | 1°12 | 2°12 | 3°27 | 0° 5 | T 11 |
| F 12 | 19 20 13 | 20°37'03 | 15°51 | 20° 0 | 6°14 | 19°58 | 9°51 | 5°43 | 17°15 | 19°57 | 3°54 | 1° 3 | 2° 9 | 3°34 | 0° 6 | F 12 |
| S 13 | 19 24 9 | 21°34'23 | 29°26 | 19°26 | 7°19 | 20°38 | 9°44 | 5°43 | 17°19 | 19°55 | 3°53 | 0°57 | 2° 5 | 3°41 | 0° 7 | S 13 |
| S 14 | 19 28 6 | 22°31'43 | 13 米 11 | 18°53 | 8°24 | 21°19 | 9°37 | 5°43 | 17°22 | 19°53 | 3°D53 | 0°53 | 2° 2 | 3°47 | 0°8 | S 14 |
| M15 | 19 32 2 | 23°29'03 | 27° 3 | 18°22 | 9°28 | 22° 0 | 9°30 | 5°43 | 17°26 | 19°52 | 3°53 | 0°D52 | 1°59 | 3°54 | 0° 9 | M15 |
| T 16 | 19 35 59 | 24°26'23 | 11 ° 2 | 17°53 | 10°33 | 22°41 | 9°23 | 5°R43 | 17°29 | 19°50 | 3°54 | 0°52 | 1°56 | 4° 1 | 0°10 | T 16 |
| W17 | 19 39 55 | 25°23'42 | 25° 7 | 17°26 | 11°39 | 23°22 | 9°16 | 5°43 | 17°32 | 19°49 | 3°54 | 0°R53 | 1°53 | 4° 7 | 0°10 | W17 |
| T 18 | 19 43 52 | 26°21'02 | 9 8 17 | 17° 2 | 12°44 | 24° 2 | 9° 8 | 5°43 | 17°36 | 19°47 | 3°54 | 0°52 | 1°49 | 4°14 | 0°11 | T 18 |
| F 19 | 19 47 49 | 27°18'21 | 23°31 | 16°42 | 13°50 | 24°43 | 9° 1 | 5°43 | 17°39 | 19°45 | 3°54 | 0°50 | 1°46 | 4°21 | 0°12 | F 19 |
| S 20 | 19 51 45 | 28°15'40 | 7 ∏ 47 | 16°26 | 14°55 | 25°24 | 8°54 | 5°43 | 17°43 | 19°44 | 3°54 | 0°45 | 1°43 | 4°27 | 0°13 | S 20 |
| S 21 | 19 55 42 | 29°13'00 | 22° 0 | 16°14 | 16° 1 | 26° 4 | 8°46 | 5°42 | 17°46 | 19°42 | 3°54 | 0°38 | 1°40 | 4°34 | 0°13 | S 21 |
| M22 | 19 59 38 | 0 Ω 10'19 | 6 9 7 | 16° 6 | 17° 7 | 26°45 | 8°39 | 5°42 | 17°50 | 19°41 | 3°55 | 0°29 | 1°37 | 4°41 | 0°14 | M22 |
| T 23 | 20 3 35 | 1° 7'38 | 20° 3 | 16°D 3 | 18°13 | 27°25 | 8°31 | 5°41 | 17°53 | 19°39 | 3°55 | 0°19 | 1°34 | 4°47 | 0°15 | T 23 |
| W24 | 20 7 31 | 2° 4'57 | 3 Ω 43 | 16° 4 | 19°20 | 28° 6 | 8°23 | 5°41 | 17°57 | 19°37 | 3°55 | 0°10 | 1°30 | 4°54 | 0°15 | W24 |
| T 25 | 20 11 28 | 3° 2'15 | 17° 6 | 16°10 | 20°26 | 28°46 | 8°16 | 5°40 | 18° 0 | 19°36 | 3°55 | 0° 2 | 1°27 | 5° 1 | 0°15 | T 25 |
| F 26 | 20 15 24 | 3°59'34 | 0 m) 8 | 16°21 | 21°33 | 29°26 | 8° 8 | 5°39 | 18° 4 | 19°34 | 3°56 | 29 M 56 | 1°24 | 5° 7 | 0°16 | F 26 |
| S 27 | 20 19 21 | 4°56'52 | 12°50 | 16°38 | 22°40 | 0Ω 7 | 8° 0 | 5°38 | 18° 8 | 19°33 | 3°56 | 29°52 | 1°21 | 5°14 | 0°16 | S 27 |
| S 28 | 20 23 18 | 5°54'09 | 25°14 | 16°59 | 23°47 | 0°47 | 7°53 | 5°37 | 18°11 | 19°31 | 3°57 | 29°D51 | 1°18 | 5°21 | 0°17 | S 28 |
| M29 | 20 27 14 | 6°51'27 | 7 ≏ 22 | 17°25 | 24°54 | 1°27 | 7°45 | 5°35 | 18°15 | 19°30 | 3°57 | 29°51 | 1°15 | 5°27 | 0°17 | M29 |
| T 30 | 20 31 11 | 7°48'44 | 19°20 | 17°56 | 26° 1 | 2° 8 | 7°37 | 5°34 | 18°18 | 1 <u>9</u> °28 | 3°58 | 29°52 | 1°11 | 5°34 | 0°17 | T 30 |
| W31 | 20 35 7 | 8 Ω 46′01 | 1 M .11 | 18932 | 27 II 8 | 2 Ω 48 | 7≈30 | 5 Υ 33 | 18 Ω 22 | 19 る 27 | 3 M .58 | 29 m 53 | 1 º 8 | 5 M 41 | 0 8 17 | W31 |

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|------|----------|------------------|----------------|---------------|-----------------|----------------|-------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|------|
| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| ¥ | Р | ₽. | ß | Ç | Š, | Day |
| T 1 | 20 39 4 | 9 Ω 43'17 | 13 M 1 | 199513 | 28 I I15 | 3 Ω 28 | 7°R22 | 5°R31 | 18 Ω 26 | 19°R25 | 3 M .59 | 29°R53 | 1 ♀ 5 | 5 M 47 | 0 8 17 | T 1 |
| F 2 | 20 43 0 | 10°40'34 | 24°56 | 19°59 | 29°23 | 4° 8 | 7≈14 | 5 Υ 30 | 18°29 | 19 궁 24 | 3°59 | 29 m 52 | 1° 2 | 5°54 | 0°R17 | F 2 |
| S 3 | 20 46 57 | 11°37'50 | 6 ₹ 59 | 20°50 | 0931 | 4°48 | 7° 6 | 5°28 | 18°33 | 19°22 | 4° 0 | 29°49 | 0°59 | 6° 1 | 0°17 | S 3 |
| S 4 | 20 50 53 | 12°35'06 | 19°15 | 21°45 | 1°38 | 5°28 | 6°59 | 5°26 | 18°37 | 19°21 | 4° 1 | 29°44 | 0°55 | 6° 7 | 0°17 | S 4 |
| M 5 | 20 54 50 | 13°32'23 | 1 る 48 | 22°45 | 2°46 | 6° 8 | 6°51 | 5°24 | 18°40 | 19°19 | 4° 2 | 29°37 | 0°52 | 6°14 | 0°17 | M 5 |
| T 6 | 20 58 47 | 14°29'39 | 14°40 | 23°50 | 3°54 | 6°48 | 6°44 | 5°23 | 18°44 | 19°18 | 4° 2 | 29°30 | 0°49 | 6°21 | 0°17 | T 6 |
| W 7 | 21 2 43 | 15°26'55 | 27°51 | 25° 0 | 5° 2 | 7°28 | 6°36 | 5°20 | 18°48 | 19°16 | 4° 3 | 29°23 | 0°46 | 6°27 | 0°17 | W 7 |
| T 8 | 21 6 40 | 16°24'11 | 11≈22 | 26°14 | 6°11 | 8° 8 | 6°28 | 5°18 | 18°51 | 19°15 | 4° 4 | 29°16 | 0°43 | 6°34 | 0°16 | T 8 |
| F 9 | 21 10 36 | 17°21'28 | 25° 8 | 27°32 | 7°19 | 8°47 | 6°21 | 5°16 | 18°55 | 19°14 | 4° 5 | 29°11 | 0°40 | 6°41 | 0°16 | F 9 |
| S 10 | 21 14 33 | 18°18'45 | 9 X 9 | 28°55 | 8°28 | 9°27 | 6°14 | 5°14 | 18°58 | 19°12 | 4° 6 | 29° 7 | 0°36 | 6°47 | 0°16 | S 10 |
| S 11 | 21 18 29 | 19°16'02 | 23°18 | 0Ω 22 | 9°36 | 10° 7 | 6° 6 | 5°12 | 19° 2 | 19°11 | 4° 7 | 29°D 6 | 0°33 | 6°54 | 0°15 | S 11 |
| M12 | 21 22 26 | 20°13'20 | 7 Ƴ 33 | 1°53 | 10°45 | 10°47 | 5°59 | 5° 9 | 19° 6 | 19°10 | 4° 7 | 29° 6 | 0°30 | 7° 1 | 0°15 | M12 |
| T 13 | 21 26 22 | 21°10'38 | 21°50 | 3°28 | 11°54 | 11°26 | 5°52 | 5° 7 | 19° 9 | 19° 8 | 4° 8 | 29° 7 | 0°27 | 7° 7 | 0°14 | T 13 |
| W14 | 21 30 19 | 22° 7'57 | 6 8 6 | 5° 8 | 13° 2 | 12° 6 | 5°45 | 5° 4 | 19°13 | 19° 7 | 4° 9 | 29° 8 | 0°24 | 7°14 | 0°14 | W14 |
| T 15 | 21 34 16 | 23° 5'17 | 20°19 | 6°50 | 14°11 | 12°46 | 5°37 | 5° 1 | 19°17 | 19° 6 | 4°10 | 29°R 9 | 0°21 | 7°21 | 0°13 | T 15 |
| F 16 | 21 38 12 | 24° 2'38 | 4 Ⅱ 27 | 8°37 | 15°21 | 13°25 | 5°30 | 4°58 | 19°20 | 19° 4 | 4°12 | 29° 9 | 0°17 | 7°27 | 0°12 | F 16 |
| S 17 | 21 42 9 | 24°59'59 | 18°28 | 10°26 | 16°30 | 14° 5 | 5°24 | 4°56 | 19°24 | 19° 3 | 4°13 | 29° 7 | 0°14 | 7°34 | 0°12 | S 17 |
| S 18 | 21 46 5 | 25°57'22 | 29520 | 12°19 | 17°39 | 14°44 | 5°17 | 4°53 | 19°28 | 19° 2 | 4°14 | 29° 3 | 0°11 | 7°41 | 0°11 | S 18 |
| M19 | 21 50 2 | 26°54'45 | 16° 1 | 14°14 | 18°49 | 15°24 | 5°10 | 4°50 | 19°31 | 19° 1 | 4°15 | 28°59 | 0° 8 | 7°47 | 0°10 | M19 |
| T 20 | 21 53 58 | 27°52'09 | 29°31 | 16°12 | 19°58 | 16° 3 | 5° 3 | 4°46 | 19°35 | 19° 0 | 4°16 | 28°54 | 0° 5 | 7°54 | 0° 9 | T 20 |
| W21 | 21 57 55 | 28°49'33 | 12 Ω 47 | 18°12 | 21° 8 | 16°43 | 4°57 | 4°43 | 19°39 | 18°58 | 4°17 | 28°49 | 0° 1 | 8° 1 | 0° 8 | W21 |
| T 22 | 22 1 51 | 29°46'59 | 25°48 | 20°14 | 22°17 | 17°22 | 4°51 | 4°40 | 19°42 | 18°57 | 4°19 | 28°45 | 29 m 58 | 8° 7 | 0° 7 | T 22 |
| F 23 | 22 5 48 | 0 m 44'25 | 8 m 33 | 22°17 | 23°27 | 18° 1 | 4°44 | 4°37 | 19°46 | 18°56 | 4°20 | 28°43 | 29°55 | 8°14 | 0° 6 | F 23 |
| S 24 | 22 9 45 | 1°41'52 | 21° 3 | 24°21 | 24°37 | 18°41 | 4°38 | 4°33 | 19°49 | 18°55 | 4°21 | 28°41 | 29°52 | 8°21 | 0° 5 | S 24 |
| S 25 | 22 13 41 | 2°39'19 | 3 ≏ 19 | 26°26 | 25°47 | 19°20 | 4°32 | 4°30 | 19°53 | 18°54 | 4°22 | 28°D41 | 29°49 | 8°27 | 0° 4 | S 25 |
| M26 | 22 17 38 | 3°36'47 | 15°23 | 28°31 | 26°57 | 19°59 | 4°26 | 4°26 | 19°57 | 18°53 | 4°24 | 28°42 | 29°46 | 8°34 | 0° 3 | M26 |
| T 27 | 22 21 34 | 4°34'16 | 27°19 | 0 m 37 | 28° 7 | 20°38 | 4°20 | 4°23 | 20° 0 | 18°52 | 4°25 | 28°43 | 29°42 | 8°41 | 0° 2 | T 27 |
| W28 | 22 25 31 | 5°31'45 | 9 ™ 9 | 2°42 | 29°17 | 21°17 | 4°15 | 4°19 | 20° 4 | 18°51 | 4°27 | 28°45 | 29°39 | 8°47 | 0° 0 | W28 |
| T 29 | 22 29 27 | 6°29'15 | 20°59 | 4°47 | 0 Ω 28 | 21°57 | 4° 9 | 4°16 | 20° 7 | 18°50 | 4°28 | 28°47 | 29°36 | 8°54 | 29 Ƴ 59 | T 29 |
| F 30 | 22 33 24 | 7°26'45 | 2 × 53 | 6°52 | 1°38 | 22°36 | 4° 4 | 4°12 | 20°11 | 18°49 | 4°29 | 28°R47 | 29°33 | 9° 1 | 29°58 | F 30 |
| S 31 | 22 37 20 | 8 Mp 24'17 | 14 ₹ 56 | 8 m 55 | 2 Ω 48 | 23 Ω 15 | 3≈59 | 4Υ 8 | 20 Ω 14 | 18 る 48 | 4 M .31 | 28 Mp 47 | 29 m 30 | 9 M 8 | 29 Y 56 | S 31 |

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| Day | Sid.t | 0 | D | Ϋ́ | Ŷ | ð | 4 | ħ |)∤(| ¥ | Р | ₽. | v | ţ | ę, | Day |
|------|----------|------------------|-----------------|----------------|---------------|-----------------|-------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 22 41 17 | 9 m 21'49 | 27 .7 12 | 10 m 58 | 3 Ω 59 | 23 Ω 54 | 3°R54 | 4°R 4 | 20Ω18 | 18°R47 | 4 M .33 | 28°R46 | 29 m 26 | 9 ™ 14 | 29°R55 | S 1 |
| M 2 | 22 45 14 | 10°19'21 | 9 ප 46 | 12°59 | 5°10 | 24°33 | 3≈49 | 4 Υ 0 | 20°21 | 18 궁 46 | 4°34 | 28 Mp 45 | 29°23 | 9°21 | 29 Y 53 | M 2 |
| T 3 | 22 49 10 | 11°16'55 | 22°41 | 15° 0 | 6°20 | 25°12 | 3°44 | 3°56 | 20°25 | 18°46 | 4°36 | 28°42 | 29°20 | 9°28 | 29°52 | T 3 |
| W 4 | 22 53 7 | 12°14'29 | 5≈59 | 16°59 | 7°31 | 25°51 | 3°39 | 3°52 | 20°28 | 18°45 | 4°37 | 28°40 | 29°17 | 9°34 | 29°50 | W 4 |
| T 5 | 22 57 3 | 13°12'04 | 19°41 | 18°56 | 8°42 | 26°29 | 3°35 | 3°48 | 20°32 | 18°44 | 4°39 | 28°38 | 29°14 | 9°41 | 29°49 | T 5 |
| F 6 | 23 1 0 | 14° 9'40 | 3){ 44 | 20°53 | 9°53 | 27° 8 | 3°31 | 3°44 | 20°35 | 18°43 | 4°40 | 28°36 | 29°11 | 9°48 | 29°47 | F 6 |
| S 7 | 23 4 56 | 15° 7'17 | 18° 5 | 22°48 | 11° 4 | 27°47 | 3°27 | 3°40 | 20°39 | 18°42 | 4°42 | 28°36 | 29° 7 | 9°54 | 29°45 | S 7 |
| S 8 | 23 8 53 | 16° 4'55 | 2 Υ 40 | 24°41 | 12°15 | 28°26 | 3°23 | 3°36 | 20°42 | 18°42 | 4°44 | 28°D35 | 29° 4 | 10° 1 | 29°44 | S 8 |
| M 9 | 23 12 49 | 17° 2'34 | 17°21 | 26°34 | 13°26 | 29° 5 | 3°19 | 3°31 | 20°46 | 18°41 | 4°46 | 28°36 | 29° 1 | 10° 8 | 29°42 | M 9 |
| T 10 | 23 16 46 | 18° 0'15 | 2 8 3 | 28°24 | 14°37 | 29°43 | 3°15 | 3°27 | 20°49 | 18°40 | 4°47 | 28°37 | 28°58 | 10°14 | 29°40 | T 10 |
| W11 | 23 20 42 | 18°57'57 | 16°39 | 0 ჲ 14 | 15°49 | 0 m 22 | 3°12 | 3°23 | 20°52 | 18°40 | 4°49 | 28°37 | 28°55 | 10°21 | 29°38 | W11 |
| T 12 | 23 24 39 | 19°55'41 | 1 II 5 | 2° 1 | 17° 0 | 1° 1 | 3° 9 | 3°19 | 20°56 | 18°39 | 4°51 | 28°38 | 28°52 | 10°28 | 29°36 | T 12 |
| F 13 | 23 28 36 | 20°53'26 | 15°17 | 3°48 | 18°11 | 1°39 | 3° 6 | 3°14 | 20°59 | 18°39 | 4°53 | 28°R38 | 28°48 | 10°34 | 29°34 | F 13 |
| S 14 | 23 32 32 | 21°51'13 | 29°14 | 5°33 | 19°23 | 2°18 | 3° 3 | 3°10 | 21° 2 | 18°38 | 4°55 | 28°38 | 28°45 | 10°41 | 29°32 | S 14 |
| S 15 | 23 36 29 | 22°49'02 | 12954 | 7°17 | 20°35 | 2°57 | 3° 0 | 3° 5 | 21° 5 | 18°38 | 4°56 | 28°38 | 28°42 | 10°48 | 29°30 | S 15 |
| M16 | 23 40 25 | 23°46'52 | 26°17 | 8°59 | 21°46 | 3°35 | 2°57 | 3° 1 | 21° 9 | 18°37 | 4°58 | 28°38 | 28°39 | 10°54 | 29°28 | M16 |
| T 17 | 23 44 22 | 24°44'44 | $9\Omega 25$ | 10°40 | 22°58 | 4°14 | 2°55 | 2°56 | 21°12 | 18°37 | 5° 0 | 28°37 | 28°36 | 11° 1 | 29°26 | T 17 |
| W18 | 23 48 18 | 25°42'37 | 22°18 | 12°19 | 24°10 | 4°52 | 2°53 | 2°52 | 21°15 | 18°36 | 5° 2 | 28°37 | 28°32 | 11°8 | 29°24 | W18 |
| T 19 | 23 52 15 | 26°40'31 | 4 m 57 | 13°58 | 25°22 | 5°31 | 2°51 | 2°47 | 21°18 | 18°36 | 5° 4 | 28°37 | 28°29 | 11°14 | 29°22 | T 19 |
| F 20 | 23 56 11 | 27°38'28 | 17°24 | 15°34 | 26°34 | 6° 9 | 2°49 | 2°43 | 21°21 | 18°36 | 5° 6 | 28°36 | 28°26 | 11°21 | 29°20 | F 20 |
| S 21 | 0 0 8 | 28°36'25 | 29°39 | 17°10 | 27°46 | 6°48 | 2°48 | 2°38 | 21°24 | 18°35 | 5° 8 | 28°36 | 28°23 | 11°28 | 29°18 | S 21 |
| S 22 | 0 4 5 | 29°34'25 | 11 ≏ 45 | 18°44 | 28°58 | 7°26 | 2°46 | 2°34 | 21°27 | 18°35 | 5°10 | 28°36 | 28°20 | 11°34 | 29°15 | S 22 |
| M23 | 0 8 1 | 0 ჲ 32'25 | 23°43 | 20°17 | 0 m 10 | 8° 4 | 2°45 | 2°29 | 21°31 | 18°35 | 5°12 | 28°36 | 28°17 | 11°41 | 29°13 | M23 |
| T 24 | 0 11 58 | 1°30'27 | 5 M .36 | 21°49 | 1°22 | 8°43 | 2°44 | 2°25 | 21°34 | 18°35 | 5°14 | 28°36 | 28°13 | 11°48 | 29°11 | T 24 |
| W25 | 0 15 54 | 2°28'31 | 17°25 | 23°19 | 2°35 | 9°21 | 2°43 | 2°20 | 21°37 | 18°34 | 5°16 | 28°36 | 28°10 | 11°54 | 29° 8 | W25 |
| T 26 | 0 19 51 | 3°26'35 | 29°15 | 24°49 | 3°47 | 9°59 | 2°42 | 2°16 | 21°39 | 18°34 | 5°18 | 28°35 | 28° 7 | 12° 1 | 29° 6 | T 26 |
| F 27 | 0 23 47 | 4°24'42 | 11 ~ 8 | 26°16 | 5° 0 | 10°38 | 2°42 | 2°11 | 21°42 | 18°34 | 5°20 | 28°34 | 28° 4 | 12° 8 | 29° 4 | F 27 |
| S 28 | 0 27 44 | 5°22'49 | 23°10 | 27°43 | 6°12 | 11°16 | 2°42 | 2° 7 | 21°45 | 18°34 | 5°22 | 28°34 | 28° 1 | 12°15 | 29° 1 | S 28 |
| S 29 | 0 31 40 | 6°20'58 | 5 云 24 | 29° 8 | 7°25 | 11°54 | 2°D42 | 2° 2 | 21°48 | 18°34 | 5°24 | 28°D34 | 27°57 | 12°21 | 28°59 | S 29 |
| M30 | 0 35 37 | 7 ≏ 19'08 | 17 ට 54 | 0 M .32 | 8 m 37 | 12 m /32 | 2≈42 | 1 Y 58 | 21 Q 51 | 18°D34 | 5M26 | 28 m 34 | 27 m 54 | 12 M 28 | 28 Y 56 | M30 |

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|------|---------|------------------|----------------|----------------|----------------|------------------|------|----------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|----------------|------|
| T 1 | 0 39 33 | 8 ₾ 17'20 | 0≈45 | 1 M 54 | 9 m 50 | 13 m) 10 | 2≈42 | 1°R53 | 21 Ω 54 | 18 궁 34 | 5 M 29 | 28 m /34 | 27 m 51 | 12 M .35 | 28°R54 | T 1 |
| W 2 | 0 43 30 | 9°15'33 | 14° 1 | 3°15 | 11° 3 | 13°48 | 2°43 | 1 Υ 49 | 21°57 | 18°34 | 5°31 | 28°35 | 27°48 | 12°41 | 28 Y 52 | W 2 |
| T 3 | 0 47 27 | 10°13'47 | 27°42 | 4°34 | 12°15 | 14°26 | 2°43 | 1°44 | 21°59 | 18°34 | 5°33 | 28°36 | 27°45 | 12°48 | 28°49 | T 3 |
| F 4 | 0 51 23 | 11°12'03 | 11 米 50 | 5°52 | 13°28 | 15° 4 | 2°44 | 1°40 | 22° 2 | 18°34 | 5°35 | 28°37 | 27°42 | 12°55 | 28°46 | F 4 |
| S 5 | 0 55 20 | 12°10'20 | 26°21 | 7° 9 | 14°41 | 15°42 | 2°45 | 1°35 | 22° 5 | 18°34 | 5°37 | 28°R37 | 27°38 | 13° 1 | 28°44 | S 5 |
| S 6 | 0 59 16 | 13° 8'39 | 11 Y 12 | 8°24 | 15°54 | 16°20 | 2°47 | 1°31 | 22° 7 | 18°35 | 5°40 | 28°37 | 27°35 | 13° 8 | 28°41 | S 6 |
| M 7 | 1 3 13 | 14° 7'00 | 26°14 | 9°37 | 17° 7 | 16°58 | 2°48 | 1°26 | 22°10 | 18°35 | 5°42 | 28°36 | 27°32 | 13°15 | 28°39 | M 7 |
| T 8 | 1 7 9 | 15° 5'23 | 11820 | 10°48 | 18°20 | 17°36 | 2°50 | 1°22 | 22°12 | 18°35 | 5°44 | 28°35 | 27°29 | 13°21 | 28°36 | T 8 |
| W 9 | 111 6 | 16° 3'47 | 26°19 | 11°58 | 19°33 | 18°14 | 2°51 | 1°18 | 22°15 | 18°35 | 5°46 | 28°32 | 27°26 | 13°28 | 28°34 | W 9 |
| T 10 | 1 15 2 | 17° 2'14 | 11 II 5 | 13° 5 | 20°47 | 18°52 | 2°53 | 1°13 | 22°17 | 18°36 | 5°48 | 28°30 | 27°23 | 13°35 | 28°31 | T 10 |
| F 11 | 1 18 59 | 18° 0'42 | 25°30 | 14°11 | 22° 0 | 19°30 | 2°56 | 1° 9 | 22°20 | 18°36 | 5°51 | 28°28 | 27°19 | 13°41 | 28°28 | F 11 |
| S 12 | 1 22 56 | 18°59'13 | 9933 | 15°14 | 23°13 | 20° 8 | 2°58 | 1° 5 | 22°22 | 18°36 | 5°53 | 28°27 | 27°16 | 13°48 | 28°26 | S 12 |
| S 13 | 1 26 52 | 19°57'46 | 23°11 | 16°15 | 24°27 | 20°45 | 3° 1 | 1° 1 | 22°25 | 18°37 | 5°55 | 28°D27 | 27°13 | 13°55 | 28°23 | S 13 |
| M14 | 1 30 49 | 20°56'21 | $6\Omega 26$ | 17°14 | 25°40 | 21°23 | 3° 3 | 0°57 | 22°27 | 18°37 | 5°58 | 28°28 | 27°10 | 14° 1 | 28°20 | M14 |
| T 15 | 1 34 45 | 21°54'58 | 19°21 | 18° 9 | 26°53 | 22° 1 | 3° 6 | 0°52 | 22°29 | 18°38 | 6° 0 | 28°29 | 27° 7 | 14° 8 | 28°18 | T 15 |
| W16 | 1 38 42 | 22°53'37 | 1 m 58 | 19° 2 | 28° 7 | 22°39 | 3°10 | 0°48 | 22°31 | 18°38 | 6° 2 | 28°31 | 27° 3 | 14°15 | 28°15 | W16 |
| T 17 | 1 42 38 | 23°52'18 | 14°21 | 19°52 | 29°21 | 23°16 | 3°13 | 0°44 | 22°34 | 18°39 | 6° 5 | 28°32 | 27° 0 | 14°22 | 28°12 | T 17 |
| F 18 | 1 46 35 | 24°51'01 | 26°32 | 20°38 | 0 ჲ 34 | 23°54 | 3°16 | 0°40 | 22°36 | 18°39 | 6° 7 | 28°R33 | 26°57 | 14°28 | 28°10 | F 18 |
| S 19 | 1 50 31 | 25°49'47 | 8 ₾ 35 | 21°21 | 1°48 | 24°32 | 3°20 | 0°37 | 22°38 | 18°40 | 6° 9 | 28°32 | 26°54 | 14°35 | 28° 7 | S 19 |
| S 20 | 1 54 28 | 26°48'34 | 20°32 | 22° 0 | 3° 2 | 25° 9 | 3°24 | 0°33 | 22°40 | 18°41 | 6°12 | 28°31 | 26°51 | 14°42 | 28° 4 | S 20 |
| M21 | 1 58 24 | 27°47'23 | 2 M 24 | 22°34 | 4°15 | 25°47 | 3°28 | 0°29 | 22°42 | 18°41 | 6°14 | 28°27 | 26°48 | 14°48 | 28° 2 | M21 |
| T 22 | 2 2 2 1 | 28°46'14 | 14°14 | 23° 4 | 5°29 | 26°24 | 3°32 | 0°25 | 22°44 | 18°42 | 6°16 | 28°23 | 26°44 | 14°55 | 27°59 | T 22 |
| W23 | 2 6 18 | 29°45'07 | 26° 4 | 23°29 | 6°43 | 27° 2 | 3°36 | 0°22 | 22°46 | 18°43 | 6°19 | 28°17 | 26°41 | 15° 2 | 27°56 | W23 |
| T 24 | 2 10 14 | 0M44'02 | 7 ₹ 55 | 23°48 | 7°57 | 27°39 | 3°41 | 0°18 | 22°48 | 18°43 | 6°21 | 28°11 | 26°38 | 15° 8 | 27°53 | T 24 |
| F 25 | 2 14 11 | 1°42'58 | 19°51 | 24° 1 | 9°11 | 28°17 | 3°46 | 0°14 | 22°50 | 18°44 | 6°23 | 28° 5 | 26°35 | 15°15 | 27°51 | F 25 |
| S 26 | 2 18 7 | 2°41'57 | 1 る 53 | 24° 8 | 10°25 | 28°54 | 3°51 | 0°11 | 22°51 | 18°45 | 6°26 | 28° 1 | 26°32 | 15°22 | 27°48 | S 26 |
| S 27 | 2 22 4 | 3°40'57 | 14° 6 | 24°R 8 | 11°39 | 29°32 | 3°56 | 0° 8 | 22°53 | 18°46 | 6°28 | 27°57 | 26°29 | 15°28 | 27°45 | S 27 |
| M28 | 2 26 0 | 4°39'58 | 26°33 | 24° 1 | 12°53 | 0 ॼ 9 | 4° 1 | 0° 4 | 22°55 | 18°47 | 6°30 | 27°55 | 26°25 | 15°35 | 27°43 | M28 |
| T 29 | 2 29 57 | 5°39'02 | 9≈18 | 23°47 | 14° 7 | 0°46 | 4° 6 | 0° 1 | 22°56 | 18°48 | 6°33 | 27°D55 | 26°22 | 15°42 | 27°40 | T 29 |
| W30 | 2 33 53 | 6°38'07 | 22°26 | 23°25 | 15°21 | 1°24 | 4°12 | 29) 58 | 22°58 | 18°49 | 6°35 | 27°56 | 26°19 | 15°48 | 27°37 | W30 |
| T 31 | 2 37 50 | 7 M 37'13 | 5 ∺ 59 | 22 M 54 | 16 ≏ 35 | 2 ≏ 1 | 4≈18 | 29 米 55 | 22 \O 59 | 18 궁 50 | 6 M .37 | 27 m 57 | 26Mp16 | 15 M 55 | 27 Y 35 | T 31 |

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|-------------|--------------------|----------------------|--------------------------|----------------|--------------------------|-------------------------|--------------|-------------------|-------------------------|-------------------------|---------------|-----------------|------------------|-------------------------|----------------|-------------|
| F 1 | 2 41 47 | 8MJ36'22 | 19 米 59 | 22°R16 | 17 ♀ 50 | 2 ₾ 38 | 4≈24 | 29°R52 | 23 1 | 18 ට 51 | 6 M 40 | 27 m 59 | 26 Mp 13 | 16 M 2 | 27°R32 | F 1 |
| S 2 | 2 45 43 | 9°35'32 | 4 Υ26 | 21 M 30 | 19° 4 | 3°15 | 4°30 | 29 米 49 | 23° 2 | 18°52 | 6°42 | 27°R59 | 26° 9 | 16° 9 | 27 Y 29 | S 2 |
| S 3 | 2 49 40 | 10°34'44 | 19°18 | 20°36 | 20°18 | 3°52 | 4°36 | 29°46 | 23° 4 | 18°53 | 6°45 | 27°57 | 26° 6 | 16°15 | 27°27 | S 3 |
| M 4 | 2 53 36 | 11°33'57 | 4 8 27 | 19°36 | 21°33 | 4°30 | 4°42 | 29°43 | 23° 5 | 18°54 | 6°47 | 27°53 | 26° 3 | 16°22 | 27°24 | M 4 |
| T 5 | 2 57 33 | 12°33'13 | 19°45 | 18°30 | 22°47 | 5° 7 | 4°49 | 29°40 | 23° 6 | 18°55 | 6°49 | 27°48 | 26° 0 | 16°29 | 27°22 | T 5 |
| W 6 | 3 1 29 | 13°32'31 | 5 Ⅱ 1 | 17°20 | 24° 1 | 5°44 | 4°55 | 29°38 | 23° 8 | 18°56 | 6°52 | 27°41 | 25°57 | 16°35 | 27°19 | W 6 |
| T 7 | 3 5 26 | 14°31'50 | 20° 4 | 16° 8 | 25°16 | 6°21 | 5° 2 | 29°35 | 23° 9 | 18°57 | 6°54 | 27°34 | 25°54 | 16°42 | 27°17 | T 7 |
| F 8 S 9 | 3 9 22 3 13 19 | 15°31'12 16°30'37 | 4 9 545 18°59 | 14°55 13°43 | 26°30 27°45 | 6°58 7°35 | 5° 9 5°16 | 29°33 29°30 | 23°10 23°11 | 18°59 19° 0 | 6°56 6°59 | 27°27 27°22 | 25°50 25°47 | 16°49 16°55 | 27°14 27°11 | F 8 S 9 |
| | | | | | | | | | _ | | | | | | | |
| S 10 | 3 17 16 | 17°30'03 | 2 Ω 44 | 12°36 | 28°59 | 8°12 | 5°24 | 29°28 | 23°12 | 19° 1 | 7° 1 | 27°19 | 25°44 | 17° 2 | 27° 9 | S 10 |
| M11 | 3 21 12 | 18°29'32 | 16° 1 | 11°34 | 0ML14 | 8°49 | 5°31 | 29°26 | 23°13 | 19° 2 19° 4 | 7° 3 7° 6 | 27°D18 | 25°41 | 17° 9 | 27° 7 | M11 |
| T 12 W13 | 3 25 9 3 29 5 | 19°29'02 20°28'35 | 28°53 11 m)24 | 10°39 9°53 | 1°28 2°43 | 9°26 10° 3 | 5°39 5°46 | 29°24 29°22 | 23°14 23°15 | 19° 4 | 7° 6 7° 8 | 27°19 27°20 | 25°38 25°35 | 17°15 17°22 | 27° 4 27° 2 | T 12 W13 |
| T 14 | 3 33 2 | 20 28 33 21°28'11 | 23°38 | 9°18 | 3°58 | 10°3 | 5°54 | 29°20 | 23°16 | 19° 7 | 7°10 | 27°R20 | 25°31 | 17°29 | 26°59 | T 14 |
| F 15 | 3 36 58 | 22°27'48 | 5 -2 41 | 8°54 | 5°12 | 11°16 | 6° 2 | 29°18 | 23°17 | 19° 8 | 7°13 | 27°20 | 25°28 | 17°36 | 26°57 | F 15 |
| S 16 | 3 40 55 | 23°27'27 | 17°35 | 8°40 | 6°27 | 11°53 | 6°10 | 29°16 | 23°17 | 19° 9 | 7°15 | 27°18 | 25°25 | 17°42 | 26°54 | S 16 |
| S 17 | 3 44 51 | 24°27'09 | 29°26 | 8°D39 | 7°42 | 12°30 | 6°19 | 29°14 | 23°18 | 19°11 | 7°17 | 27°13 | 25°22 | 17°49 | 26°52 | S 17 |
| M18 | 3 48 48 | 25°26'52 | 11 M .15 | 8°48 | 8°57 | 13° 7 | 6°27 | 29°13 | 23°19 | 19°12 | 7°19 | 27° 6 | 25°19 | 17°56 | 26°50 | M18 |
| T 19 | 3 52 45 | 26°26'38 | 23° 5 | 9° 8 | 10°12 | 13°44 | 6°36 | 29°11 | 23°19 | 19°14 | 7°22 | 26°56 | 25°15 | 18° 2 | 26°48 | T 19 |
| W20 | 3 56 41 | 27°26'26 | 4 ₹ 58 | 9°37 | 11°26 | 14°20 | 6°44 | 29°10 | 23°20 | 19°15 | 7°24 | 26°44 | 25°12 | 18° 9 | 26°45 | W20 |
| T 21 | 4 0 38 | 28°26'15 | 16°55 | 10°16 | 12°41 | 14°57 | 6°53 | 29° 9 | 23°20 | 19°17 | 7°26 | 26°32 | 25° 9 | 18°16 | 26°43 | T 21 |
| F 22 | 4 4 34 | 29°26'06 | 28°57 | 11° 3 | 13°56 | 15°33 | 7° 2 | 29° 8 | 23°20 | 19°19 | 7°28 | 26°20 | 25° 6 | 18°22 | 26°41 | F 22 |
| S 23 | 4 8 31 | 0 ∡ 125′59 | 11중 6 | 11°58 | 15°11 | 16°10 | 7°11 | 29° 7 | 23°21 | 19°20 | 7°31 | 26° 9 | 25° 3 | 18°29 | 26°39 | S 23 |
| S 24 | 4 12 27 | 1°25'54 | 23°23 | 12°59 | 16°26 | 16°47 | 7°20 | 29° 6 | 23°21 | 19°22 | 7°33 | 26° 1 | 25° 0 | 18°36 | 26°37 | S 24 |
| M25 | 4 16 24 | 2°25'50 | 5 ≈ 53 | 14° 5 | 17°41 | 17°23 | 7°30 | 29° 5 | 23°21 | 19°24 | 7°35 | 25°55 | 24°56 | 18°42 | 26°35 | M25 |
| T 26 | 4 20 20 | 3°25'48 | 18°37 | 15°17 | 18°56 | 18° 0 | 7°39 | 29° 4 | 23°22 | 19°25 | 7°37 | 25°52 | 24°53 | 18°49 | 26°33 | T 26 |
| W27 T 28 | 4 24 17 | 4°25'47 5°25'48 | 1 米 39 15°2 | 16°33 17°53 | 20°11 21°26 | 18°36 19°12 | 7°49 7°58 | 29° 3 29° 3 | 23°22 23°22 | 19°27 19°29 | 7°39 7°42 | 25°D51 25°51 | 24°50 | 18°56 19° 3 | 26°31 26°29 | W27 T 28 |
| F 29 | 4 28 14 4 32 10 | 5°25'48 6°25'50 | 15° 2 28°49 | 17°53 19°16 | 21°26 22°41 | 19°12 19°49 | 7°58 8° 8 | 29° 3 | 23°22 23°R22 | 19°29 19°30 | 7°42 7°44 | 25°S1 25°R51 | 24°47 24°44 | 19° 3 | 26°29 26°27 | F 29 |
| S 30 | 4 32 10 4 36 7 | 7×725'54 | 13 Y 2 | 20ML41 | 22 41 23 M .56 | 19 49 20 ≏ 25 | o o 8≈18 | 29 2 2 | $23 \Re 22$ $23 \Re 22$ | 19 30 19 石 32 | 7 M 46 | 25 M 50 | 24 44 24 m 40 | 19 9 19 M .16 | 26 Y 25 | S 30 |

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| S 1 | 4 40 3 | 8 ₹ 25'59 | 27 Y 40 | 22M 9 | 25 M .11 | 21 ♀ 1 | 8≈28 | 29°R 2 | 23°R22 | 19 궁 34 | 7 M 48 | 25°R47 | 24 m 37 | 19 M 23 | 26°R23 | S 1 |
| M 2 | 4 44 0 | 9°26'06 | 12839 | 23°38 | 26°26 | 21°38 | 8°38 | 29₩ 2 | 23 N 21 | 19°36 | 7°50 | 25 m 41 | 24°34 | 19°29 | 26 Y 21 | M 2 |
| T 3 | 4 47 56 | 10°26'14 | 27°51 | 25° 9 | 27°41 | 22°14 | 8°48 | 29°D 2 | 23°21 | 19°38 | 7°52 | 25°32 | 24°31 | 19°36 | 26°19 | T 3 |
| W 4 | 4 51 53 | 11°26'24 | 13 II 7 | 26°40 | 28°56 | 22°50 | 8°59 | 29° 2 | 23°21 | 19°40 | 7°54 | 25°22 | 24°28 | 19°43 | 26°18 | W 4 |
| T 5 | 4 55 49 | 12°26'36 | 28°14 | 28°13 | 0 × 11 | 23°26 | 9° 9 | 29° 2 | 23°21 | 19°41 | 7°56 | 25°11 | 24°25 | 19°49 | 26°16 | T 5 |
| F 6 S 7 | 4 59 46 5 3 43 | 13°26'50 14°27'05 | 13 9 4 27°28 | 29°47 1 × 721 | 1°26 2°42 | 24° 2 24°38 | 9°20 9°30 | 29° 2 29° 3 | 23°20 23°20 | 19°43 19°45 | 7°58 8° 0 | 25° 0 24°51 | 24°21 24°18 | 19°56 20° 3 | 26°14 26°13 | F 6 S 7 |
| | | | | | | | | | | | | | | | | |
| S 8 | 5 7 39 | 15°27'22 | 11 Ω 22 | 2°56 | 3°57 | 25°14 | 9°41 | 29° 3 | 23°19 | 19°47 | 8° 2 | 24°45 | 24°15 | 20°10 | 26°11 | S 8 |
| M 9 | 5 11 36 | 16°27'41 | 24°46 | 4°31 | 5°12 | 25°50 | 9°52 | 29° 4 | 23°19 | 19°49 | 8° 4 | 24°41 | 24°12 | 20°16 | 26°10 | M 9 |
| T 10 W11 | 5 15 32 5 19 29 | 17°28'02 18°28'24 | 7 Mp 42 20°14 | 6° 6 7°41 | 6°27 7°42 | 26°26 27° 2 | 10° 3 10°14 | 29° 4 29° 5 | 23°18 23°18 | 19°51 19°53 | 8° 6 8° 8 | 24°39 24°39 | 24° 9 24° 6 | 20°23 20°30 | 26° 8 26° 7 | T 10 W11 |
| T 12 | 5 19 29 5 23 25 | 18°28'24 19°28'49 | 20°14 2 <u>0</u> 28 | 9°16 | 8°58 | 27°38 | 10°14 10°25 | 29° 6 | 23°18 23°17 | 19°55 | 8° 10 | 24°39 24°39 | 24° 6 | 20°36 | 26° 6 | T 12 |
| F 13 | 5 27 22 | 20°29'15 | 14°28 | 10°52 | 10°13 | 28°14 | 10°23 | 29° 7 | 23°16 | 19°57 | 8°12 | 24°38 | 23°59 | 20°43 | 26° 4 | F 13 |
| S 14 | 5 31 18 | 21°29'43 | 26°20 | 10°32 | 11°28 | 28°50 | 10°48 | 29° 8 | 23°15 | 19°59 | 8°14 | 24°35 | 23°56 | 20°50 | 26° 3 | S 14 |
| | | | | 14° 2 | | | 10°59 | 29°10 | 23°15 | 20° 1 | 8°16 | | | | 26° 2 | S 15 |
| S 15 M16 | 5 35 15 5 39 12 | 22°30'13 23°30'44 | 8M 9 19°58 | 15°38 | 12°43 13°59 | 29°26 0ML 1 | 10°39 | 29°10 29°11 | 23°13 23°14 | 20° 1 | 8°17 | 24°29 24°20 | 23°53 23°50 | 20°56 21° 3 | 26° 2 | M16 |
| T 17 | 5 43 8 | 23°30'44 24°31'17 | 19 38 1 × 750 | 13 38 17°13 | 15°14 | 0°37 | 11°22 | 29°12 | 23°13 | 20° 5 | 8°19 | 24° 20° 8 | 23°46 | 21°10 | 25°59 | T 17 |
| W18 | 5 47 5 | 25°31'52 | 13°49 | 18°48 | 16°29 | 1°13 | 11°34 | 29°14 | 23°12 | 20° 7 | 8°21 | 23°54 | 23°43 | 21°17 | 25°58 | W18 |
| T 19 | 5 51 1 | 26°32'28 | 25°54 | 20°23 | 17°45 | 1°48 | 11°46 | 29°15 | 23°11 | 20°10 | 8°23 | 23°39 | 23°40 | 21°23 | 25°57 | T 19 |
| F 20 | 5 54 58 | 27°33'05 | 8중 7 | 21°58 | 19° 0 | 2°24 | 11°58 | 29°17 | 23°10 | 20°12 | 8°25 | 23°24 | 23°37 | 21°30 | 25°56 | F 20 |
| S 21 | 5 58 54 | 28°33'44 | 20°29 | 23°32 | 20°15 | 2°59 | 12°10 | 29°19 | 23° 8 | 20°14 | 8°26 | 23°11 | 23°34 | 21°37 | 25°55 | S 21 |
| S 22 | 6 2 51 | 29°34'24 | 2≈59 | 25° 7 | 21°31 | 3°35 | 12°22 | 29°21 | 23° 7 | 20°16 | 8°28 | 23° 0 | 23°31 | 21°43 | 25°55 | S 22 |
| M23 | 6 6 48 | 0 ප 35'05 | 15°40 | 26°42 | 22°46 | 4°10 | 12°34 | 29°23 | 23° 6 | 20°18 | 8°30 | 22°53 | 23°27 | 21°50 | 25°54 | M23 |
| T 24 | 6 10 44 | 1°35'47 | 28°33 | 28°16 | 24° 1 | 4°45 | 12°46 | 29°25 | 23° 5 | 20°20 | 8°31 | 22°48 | 23°24 | 21°57 | 25°53 | T 24 |
| W25 | 6 14 41 | 2°36'29 | 11 米 39 | 29°50 | 25°17 | 5°21 | 12°58 | 29°27 | 23° 3 | 20°22 | 8°33 | 22°46 | 23°21 | 22° 3 | 25°52 | W25 |
| T 26 | 6 18 37 | 3°37'13 | 25° 1 | 1 る 25 | 26°32 | 5°56 | 13°11 | 29°30 | 23° 2 | 20°25 | 8°34 | 22°D46 | 23°18 | 22°10 | 25°52 | T 26 |
| F 27 | 6 22 34 | 4°37'58 | 8 Υ 41 | 2°59 | 27°48 | 6°31 | 13°23 | 29°32 | 23° 0 | 20°27 | 8°36 | 22°R46 | 23°15 | 22°17 | 25°51 | F 27 |
| S 28 | 6 26 30 | 5°38'43 | 22°41 | 4°33 | 29° 3 | 7° 6 | 13°36 | 29°35 | 22°59 | 20°29 | 8°37 | 22°45 | 23°12 | 22°24 | 25°51 | S 28 |
| S 29 | 6 30 27 | 6°39'30 | 7 と 0 | 6° 7 | 0 ਰ 18 | 7°41 | 13°48 | 29°37 | 22°57 | 20°31 | 8°39 | 22°42 | 23° 8 | 22°30 | 25°50 | S 29 |
| M30 | 6 34 23 | 7°40'17 | 21°38 | <u>7°41</u> | <u>1°34</u> | 8°16 | 14° 1 | 29°40 | 22°56 | 20°33 | 8°40 | 22°36 | 23° 5 | 22°37 | 25°50 | M30 |
| T 31 | 6 38 20 | 8 ප් 41'05 | 6 Ⅱ 28 | 9 ට 16 | 2 궁 49 | 8 M .51 | 14≈13 | 29 米 43 | 22 \Omega 54 | 20 궁 36 | 8 M .42 | 22 Mp 28 | 23 Mp 2 | 22 M 44 | 25 Ƴ 49 | T 31 |

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| W 1 | 6 42 17 | 9 ට 41'54 | 21耳25 | 10 궁 50 | 4 る 5 | 9 M 26 | 14≈26 | 29) (46 | 22°R53 | 20중38 | 8 M .43 | 22°R18 | 22 m 59 | 22 M 50 | 25°R49 | W 1 |
| T 2 | 6 46 13 | 10°42'43 | 69919 | 12°24 | 5°20 | 10° 1 | 14°39 | 29°49 | 22 N 51 | 20°40 | 8°45 | 22 Mp 7 | 22°56 | 22°57 | 25 Y 49 | T 2 |
| F 3 | 6 50 10 | 11°43'34 | 21° 0 | 13°58 | 6°35 | 10°36 | 14°52 | 29°52 | 22°49 | 20°42 | 8°46 | 21°56 | 22°52 | 23° 4 | 25°48 | F 3 |
| S 4 | 6 54 6 | 12°44'26 | 5 Ω 21 | 15°32 | 7°51 | 11°11 | 15° 5 | 29°55 | 22°47 | 20°45 | 8°47 | 21°47 | 22°49 | 23°10 | 25°48 | S 4 |
| S 5 | 6 58 3 | 13°45'18 | 19°17 | 17° 7 | 9° 6 | 11°45 | 15°18 | 29°58 | 22°46 | 20°47 | 8°48 | 21°40 | 22°46 | 23°17 | 25°48 | S 5 |
| M 6 | 7 1 59 | 14°46'12 | 2 Mp 45 | 18°41 | 10°22 | 12°20 | 15°31 | oΥ 2 | 22°44 | 20°49 | 8°50 | 21°36 | 22°43 | 23°24 | 25°48 | M 6 |
| T 7 | 7 5 56 | 15°47'06 | 15°46 | 20°16 | 11°37 | 12°55 | 15°44 | 0° 5 | 22°42 | 20°51 | 8°51 | 21°D34 | 22°40 | 23°31 | 25°D48 | T 7 |
| W 8 | 7 9 52 | 16°48'02 | 28°23 | 21°51 | 12°53 | 13°29 | 15°57 | 0° 9 | 22°40 | 20°54 | 8°52 | 21°34 | 22°37 | 23°37 | 25°48 | W 8 |
| T 9 | 7 13 49 | 17°48'58 | 10 ≏ 41 | 23°25 | 14° 8 | 14° 3 | 16°10 | 0°13 | 22°38 | 20°56 | 8°53 | 21°35 | 22°33 | 23°44 | 25°48 | T 9 |
| F 10 | 7 17 46 | 18°49'56 | 22°44 | 25° 0 | 15°24 | 14°38 | 16°24 | 0°16 | 22°36 | 20°58 | 8°54 | 21°R35 | 22°30 | 23°51 | 25°48 | F 10 |
| S 11 | 7 21 42 | 19°50'54 | 4 M .37 | 26°35 | 16°39 | 15°12 | 16°37 | 0°20 | 22°34 | 21° 0 | 8°55 | 21°34 | 22°27 | 23°57 | 25°49 | S 11 |
| S 12 | 7 25 39 | 20°51'54 | 16°27 | 28°11 | 17°55 | 15°47 | 16°50 | 0°24 | 22°32 | 21° 3 | 8°57 | 21°30 | 22°24 | 24° 4 | 25°49 | S 12 |
| M13 | 7 29 35 | 21°52'54 | 28°18 | 29°46 | 19°10 | 16°21 | 17° 4 | 0°28 | 22°30 | 21° 5 | 8°58 | 21°24 | 22°21 | 24°11 | 25°49 | M13 |
| T 14 | 7 33 32 | 22°53'56 | 10 × 13 | 1≈21 | 20°26 | 16°55 | 17°17 | 0°32 | 22°28 | 21° 7 | 8°59 | 21°16 | 22°18 | 24°18 | 25°50 | T 14 |
| W15 | 7 37 28 | 23°54'58 | 22°17 | 2°57 | 21°41 | 17°29 | 17°31 | 0°36 | 22°25 | 21° 9 | 9° 0 | 21° 5 | 22°14 | 24°24 | 25°50 | W15 |
| T 16 | 7 41 25 | 24°56'00 | 4 궁 31 | 4°33 | 22°57 | 18° 3 | 17°44 | 0°41 | 22°23 | 21°12 | 9° 0 | 20°54 | 22°11 | 24°31 | 25°51 | T 16 |
| F 17 | 7 45 21 | 25°57'03 | 16°56 | 6° 8 | 24°12 | 18°37 | 17°58 | 0°45 | 22°21 | 21°14 | 9° 1 | 20°43 | 22° 8 | 24°38 | 25°51 | F 17 |
| S 18 | 7 49 18 | 26°58'07 | 29°34 | 7°44 | 25°28 | 19°11 | 18°11 | 0°49 | 22°19 | 21°16 | 9° 2 | 20°33 | 22° 5 | 24°44 | 25°52 | S 18 |
| S 19 | 7 53 15 | 27°59'11 | 12≈24 | 9°20 | 26°43 | 19°44 | 18°25 | 0°54 | 22°16 | 21°18 | 9° 3 | 20°25 | 22° 2 | 24°51 | 25°52 | S 19 |
| M20 | 7 57 11 | 29° 0'15 | 25°25 | 10°55 | 27°59 | 20°18 | 18°39 | 0°58 | 22°14 | 21°21 | 9° 4 | 20°20 | 21°58 | 24°58 | 25°53 | M20 |
| T 21 | 8 1 8 | 0≈ 1'20 | 8) 37 | 12°31 | 29°14 | 20°52 | 18°52 | 1° 3 | 22°12 | 21°23 | 9° 5 | 20°17 | 21°55 | 25° 4 | 25°54 | T 21 |
| W22 | 8 5 4 | 1° 2'24 | 22° 0 | 14° 6 | 0≈30 | 21°25 | 19° 6 | 1° 8 | 22° 9 | 21°25 | 9° 5 | 20°D16 | 21°52 | 25°11 | 25°55 | W22 |
| T 23 | 8 9 1 | 2° 3'29 | 5 Ƴ 35 | 15°41 | 1°45 | 21°59 | 19°20 | 1°13 | 22° 7 | 21°27 | 9° 6 | 20°17 | 21°49 | 25°18 | 25°55 | T 23 |
| F 24 | 8 12 57 | 3° 4'33 | 19°20 | 17°16 | 3° 1 | 22°32 | 19°34 | 1°17 | 22° 5 | 21°30 | 9° 7 | 20°18 | 21°46 | 25°25 | 25°56 | F 24 |
| S 25 | 8 16 54 | 4° 5'38 | 3 8 17 | 18°50 | 4°16 | 23° 5 | 19°48 | 1°22 | 22° 2 | 21°32 | 9° 7 | 20°R19 | 21°43 | 25°31 | 25°57 | S 25 |
| S 26 | 8 20 50 | 5° 6'42 | 17°25 | 20°23 | 5°32 | 23°39 | 20° 1 | 1°27 | 22° 0 | 21°34 | 9° 8 | 20°18 | 21°39 | 25°38 | 25°58 | S 26 |
| M27 | 8 24 47 | 6° 7'46 | 1 II 43 | 21°56 | 6°47 | 24°12 | 20°15 | 1°32 | 21°57 | 21°36 | 9° 8 | 20°16 | 21°36 | 25°45 | 26° 0 | M27 |
| T 28 | 8 28 44 | 7° 8'50 | 16° 9 | 23°27 | 8° 3 | 24°45 | 20°29 | 1°38 | 21°55 | 21°39 | 9° 9 | 20°11 | 21°33 | 25°51 | 26° 1 | T 28 |
| W29 | 8 32 40 | 8° 9'54 | 0937 | 24°57 | 9°18 | 25°18 | 20°43 | 1°43 | 21°52 | 21°41 | 9° 9 | 20° 5 | 21°30 | 25°58 | 26° 2 | W29 |
| T 30 | 8 36 37 | 9°10'58 | 15° 3 | 26°25 | 10°34 | 25°51 | 20°57 | 1°48 | 21°50 | 21°43 | 9°10 | 19°58 | 21°27 | 26° 5 | 26° 3 | T 30 |
| F 31 | 8 40 33 | 10≈12'01 | 299520 | 27≈51 | 11 ≈ 49 | 26M23 | 21≈11 | 1 Ƴ 54 | 21 Ω 47 | 21 る 45 | 9 ™ 10 | 19 m 52 | 21 m 24 | 26M12 | 26 ℃ 4 | F 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|-----------------------------|-------|---------------|------------------|----------------|----------------|-----------------|------------------|-------|---------------|------|
| S 1 | 8 44 30 | 11≈13'04 | 13 £ 22 | 29≈14 | 13≈ 4 | 26M56 | 21≈25 | 1 Y 59 | 21°R45 | 21 궁 47 | 9 M .11 | 19°R46 | 21 m) 20 | 26M18 | 26 Y 6 | S 1 |
| S 2 | 8 48 26 | 12°14'07 | 27° 6 | 0) €34 | 14°20 | 27°29 | 21°39 | 2° 5 | 21 \$\alpha 42\$ | 21°49 | 9°11 | 19 m)42 | 21°17 | 26°25 | 26° 7 | S 2 |
| M 3 | 8 52 23 | 13°15'10 | 10 m)28 | 1°51 | 15°35 | 28° 1 | 21°53 | 2°10 | 21°39 | 21°52 | 9°11 | 19°40 | 21°14 | 26°32 | 26° 9 | M 3 |
| T 4 | 8 56 20 | 14°16'13 | 23°28 | 3° 4 | 16°51 | 28°34 | 22° 7 | 2°16 | 21°37 | 21°54 | 9°11 | 19°D40 | 21°11 | 26°38 | 26°10 | T 4 |
| W 5 | 9 0 16 | 15°17'16 | 6 ₽ 6 | 4°12 | 18° 6 | 29° 6 | 22°22 | 2°21 | 21°34 | 21°56 | 9°12 | 19°41 | 21° 8 | 26°45 | 26°12 | W 5 |
| T 6 | 9 4 13 | 16°18'19 | 18°27 | 5°14 | 19°22 | 29°38 | 22°36 | 2°27 | 21°32 | 21°58 | 9°12 | 19°42 | 21° 4 | 26°52 | 26°13 | T 6 |
| F 7 | 989 | 17°19'22 | 0 M .33 | 6°10 | 20°37 | 0 ₮ 10 | 22°50 | 2°33 | 21°29 | 22° 0 | 9°12 | 19°44 | 21° 1 | 26°59 | 26°15 | F 7 |
| S 8 | 9 12 6 | 18°20'25 | 12°30 | 6°58 | 21°53 | 0°42 | 23° 4 | 2°39 | 21°26 | 22° 2 | 9°12 | 19°45 | 20°58 | 27° 5 | 26°17 | S 8 |
| S 9 | 9 16 2 | 19°21'27 | 24°21 | 7°38 | 23° 8 | 1°14 | 23°18 | 2°45 | 21°24 | 22° 4 | 9°12 | 19°R45 | 20°55 | 27°12 | 26°18 | S 9 |
| M10 | 9 19 59 | 20°22'30 | 6 ₹ 13 | 8°10 | 24°24 | 1°46 | 23°32 | 2°51 | 21°21 | 22° 6 | 9°12 | 19°44 | 20°52 | 27°19 | 26°20 | M10 |
| T 11 | 9 23 55 | 21°23'33 | 18°11 | 8°31 | 25°39 | 2°17 | 23°46 | 2°57 | 21°19 | 22° 8 | 9°R12 | 19°41 | 20°49 | 27°25 | 26°22 | T 11 |
| W12 | 9 27 52 | 22°24'35 | 0 궁 17 | 8°R42 | 26°55 | 2°49 | 24° 0 | 3° 3 | 21°16 | 22°10 | 9°12 | 19°38 | 20°45 | 27°32 | 26°24 | W12 |
| T 13 | 9 31 48 | 23°25'37 | 12°36 | 8°41 | 28°10 | 3°20 | 24°15 | 3° 9 | 21°13 | 22°12 | 9°12 | 19°33 | 20°42 | 27°39 | 26°26 | T 13 |
| F 14 | 9 35 45 | 24°26'38 | 25°10 | 8°29 | 29°25 | 3°52 | 24°29 | 3°15 | 21°11 | 22°14 | 9°12 | 19°29 | 20°39 | 27°46 | 26°28 | F 14 |
| S 15 | 9 39 42 | 25°27'40 | 8 ≈ 1 | 8° 6 | 0) (41 | 4°23 | 24°43 | 3°21 | 21° 8 | 22°16 | 9°12 | 19°25 | 20°36 | 27°52 | 26°30 | S 15 |
| S 16 | 9 43 38 | 26°28'40 | 21° 9 | 7°31 | 1°56 | 4°54 | 24°57 | 3°28 | 21° 6 | 22°18 | 9°12 | 19°22 | 20°33 | 27°59 | 26°32 | S 16 |
| M17 | 9 47 35 | 27°29'40 | 4) €33 | 6°45 | 3°12 | 5°25 | 25°11 | 3°34 | 21° 3 | 22°20 | 9°11 | 19°20 | 20°30 | 28° 6 | 26°34 | M17 |
| T 18 | 9 51 31 | 28°30'39 | 18°12 | 5°50 | 4°27 | 5°56 | 25°25 | 3°40 | 21° 0 | 22°22 | 9°11 | 19°D19 | 20°26 | 28°12 | 26°36 | T 18 |
| W19 | 9 55 28 | 29°31'38 | 2 Υ 2 | 4°47 | 5°43 | 6°26 | 25°40 | 3°47 | 20°58 | 22°24 | 9°11 | 19°20 | 20°23 | 28°19 | 26°38 | W19 |
| T 20 | 9 59 24 | 0) 32'35 | 16° 1 | 3°38 | 6°58 | 6°57 | 25°54 | 3°53 | 20°55 | 22°26 | 9°11 | 19°21 | 20°20 | 28°26 | 26°40 | T 20 |
| F 21 | 10 3 21 | 1°33'32 | 0 8 6 | 2°24 | 8°13 | 7°27 | 26° 8 | 4° 0 | 20°53 | 22°28 | 9°10 | 19°22 | 20°17 | 28°32 | 26°43 | F 21 |
| S 22 | 10 7 17 | 2°34'27 | 14°15 | 1° 9 | 9°29 | 7°57 | 26°22 | 4° 6 | 20°50 | 22°30 | 9°10 | 19°23 | 20°14 | 28°39 | 26°45 | S 22 |
| S 23 | 10 11 14 | 3°35'21 | 28°27 | 29≈54 | 10°44 | 8°28 | 26°36 | 4°13 | 20°48 | 22°31 | 9° 9 | 19°R24 | 20°10 | 28°46 | 26°47 | S 23 |
| M24 | 10 15 11 | 4°36'15 | 12 Ⅱ 37 | 28°42 | 11°59 | 8°57 | 26°50 | 4°20 | 20°45 | 22°33 | 9° 9 | 19°24 | 20° 7 | 28°53 | 26°50 | M24 |
| T 25 | 10 19 7 | 5°37'07 | 26°46 | 27°34 | 13°15 | 9°27 | 27° 4 | 4°26 | 20°43 | 22°35 | 9° 9 | 19°23 | 20° 4 | 28°59 | 26°52 | T 25 |
| W26 | 10 23 4 | 6°37'57 | 109549 | 26°32 | 14°30 | 9°57 | 27°19 | 4°33 | 20°40 | 22°37 | 9° 8 | 19°22 | 20° 1 | 29° 6 | 26°55 | W26 |
| T 27 | 10 27 0 | 7°38'47 | 24°46 | 25°36 | 15°45 | 10°26 | 27°33 | 4°40 | 20°38 | 22°39 | 9° 7 | 19°20 | 19°58 | 29°13 | 26°57 | T 27 |
| F 28 | 10 30 57 | 8°39'35 | 8 Ω 32 | 24°48 | 17° 1 | 10°56 | 27°47 | 4°47 | 20°35 | 22°40 | 9° 7 | 19°19 | 19°55 | 29°19 | 27° 0 | F 28 |
| S 29 | 10 34 53 | 9)(40'22 | 22Ω 7 | 24≈ 9 | 18) 16 | 11 × ⁷ 25 | 28≈ 1 | 4 Υ53 | $20\Omega 33$ | 22 る 42 | 9 M 6 | 19 M)17 | 19 m 51 | 29M26 | 27 ° 2 | S 29 |

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|------|----------|---------------------|------------------|------------------|-----------------|-----------------|--------------|---------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|------|
| S 1 | 10 38 50 | 10) (41'08 | 5 m)27 | 23°R38 | 19){ 31 | 11 .7 54 | 28≈15 | 5 Υ 0 | 20°R30 | 22 る 44 | 9°R 6 | 19°R17 | 19 m)48 | 29 TL 33 | 27 Y 5 | S 1 |
| M 2 | 10 42 46 | 11°41'53 | 18°32 | 23≈15 | 20°46 | 12°23 | 28°29 | 5° 7 | $20\Omega 28$ | 22°45 | 9 ™ 5 | 19°D16 | 19°45 | 29°40 | 27° 8 | M 2 |
| T 3 | 10 46 43 | 12°42'36 | 1 ≏ 21 | 23° 0 | 22° 1 | 12°51 | 28°43 | 5°14 | 20°26 | 22°47 | 9° 4 | 19 m)17 | 19°42 | 29°46 | 27°10 | T 3 |
| W 4 | 10 50 40 | 13°43'19 | 13°53 | 22°D54 | 23°17 | 13°20 | 28°57 | 5°21 | 20°23 | 22°49 | 9° 4 | 19°17 | 19°39 | 29°53 | 27°13 | W 4 |
| T 5 | 10 54 36 | 14°44'00 | 26°12 | 22°54 | 24°32 | 13°48 | 29°11 | 5°28 | 20°21 | 22°50 | 9° 3 | 19°18 | 19°35 | 29°59 | 27°16 | T 5 |
| F 6 | 10 58 33 | 15°44'41 | 8 M .18 | 23° 2 | 25°47 | 14°16 | 29°25 | 5°35 | 20°19 | 22°52 | 9° 2 | 19°18 | 19°32 | 0 , 7 6 | 27°18 | F 6 |
| S 7 | 11 2 29 | 16°45'20 | 20°16 | 23°17 | 27° 2 | 14°44 | 29°38 | 5°42 | 20°16 | 22°53 | 9° 1 | 19°18 | 19°29 | 0°13 | 27°21 | S 7 |
| S 8 | 11 6 26 | 17°45'59 | 2 √ 9 | 23°37 | 28°17 | 15°12 | 29°52 | 5°49 | 20°14 | 22°55 | 9° 0 | 19°19 | 19°26 | 0°20 | 27°24 | S 8 |
| M 9 | 11 10 22 | 18°46'36 | 14° 1 | 24° 3 | 29°32 | 15°40 | 0 ∀ 6 | 5°56 | 20°12 | 22°56 | 8°59 | 19°19 | 19°23 | 0°27 | 27°27 | M 9 |
| T 10 | 11 14 19 | 19°47'13 | 25°58 | 24°35 | 0 Υ 48 | 16° 7 | 0°20 | 6° 3 | 20°10 | 22°58 | 8°58 | 19°19 | 19°20 | 0°33 | 27°30 | T 10 |
| W11 | 11 18 15 | 20°47'48 | 8 පි 4 | 25°11 | 2° 3 | 16°34 | 0°34 | 6°10 | 20° 8 | 22°59 | 8°57 | 19°19 | 19°16 | 0°40 | 27°33 | W11 |
| T 12 | 11 22 12 | 21°48'22 | 20°23 | 25°52 | 3°18 | 17° 1 | 0°48 | 6°18 | 20° 5 | 23° 0 | 8°56 | 19°19 | 19°13 | 0°47 | 27°36 | T 12 |
| F 13 | 11 26 9 | 22°48'55 | 2≈59 | 26°36 | 4°33 | 17°28 | 1° 1 | 6°25 | 20° 3 | 23° 2 | 8°55 | 19°19 | 19°10 | 0°53 | 27°39 | F 13 |
| S 14 | 11 30 5 | 23°49'27 | 15°55 | 27°25 | 5°48 | 17°54 | 1°15 | 6°32 | 20° 1 | 23° 3 | 8°54 | 19°20 | 19° 7 | 1° 0 | 27°42 | S 14 |
| S 15 | 11 34 2 | 24°49'58 | 29°14 | 28°17 | 7° 3 | 18°21 | 1°29 | 6°39 | 19°59 | 23° 4 | 8°53 | 19°20 | 19° 4 | 1° 7 | 27°45 | S 15 |
| M16 | 11 37 58 | 25°50'27 | 12) (54 | 29°12 | 8°18 | 18°47 | 1°42 | 6°46 | 19°57 | 23° 6 | 8°52 | 19°R20 | 19° 1 | 1°14 | 27°48 | M16 |
| T 17 | 11 41 55 | 26°50'55 | 26°55 | 0 ∺ 10 | 9°33 | 19°13 | 1°56 | 6°54 | 19°55 | 23° 7 | 8°51 | 19°20 | 18°57 | 1°20 | 27°51 | T 17 |
| W18 | 11 45 51 | 27°51'21 | 11 Y 12 | 1°11 | 10°48 | 19°38 | 2° 9 | 7° 1 | 19°53 | 23° 8 | 8°50 | 19°20 | 18°54 | 1°27 | 27°54 | W18 |
| T 19 | 11 49 48 | 28°51'45 | 25°41 | 2°14 | 12° 3 | 20° 4 | 2°23 | 7° 8 | 19°52 | 23° 9 | 8°49 | 19°19 | 18°51 | 1°34 | 27°57 | T 19 |
| F 20 | 11 53 44 | 29°52'08 | 10 8 15 | 3°20 | 13°18 | 20°29 | 2°36 | 7°15 | 19°50 | 23°11 | 8°48 | 19°18 | 18°48 | 1°40 | 28° 1 | F 20 |
| S 21 | 11 57 41 | 0 Υ 52'29 | 24°49 | 4°27 | 14°32 | 20°53 | 2°49 | 7°23 | 19°48 | 23°12 | 8°46 | 19°16 | 18°45 | 1°47 | 28° 4 | S 21 |
| S 22 | 12 1 37 | 1°52'49 | 9 Ⅱ 17 | 5°37 | 15°47 | 21°18 | 3° 3 | 7°30 | 19°46 | 23°13 | 8°45 | 19°15 | 18°41 | 1°54 | 28° 7 | S 22 |
| M23 | 12 5 34 | 2°53'06 | 23°35 | 6°49 | 17° 2 | 21°42 | 3°16 | 7°37 | 19°44 | 23°14 | 8°44 | 19°14 | 18°38 | 2° 1 | 28°10 | M23 |
| T 24 | 12 9 31 | 3°53'21 | 79540 | 8° 3 | 18°17 | 22° 6 | 3°29 | 7°45 | 19°43 | 23°15 | 8°43 | 19°D14 | 18°35 | 2° 7 | 28°13 | T 24 |
| W25 | 12 13 27 | 4°53'35 | 21°31 | 9°18 | 19°32 | 22°30 | 3°42 | 7°52 | 19°41 | 23°16 | 8°41 | 19°15 | 18°32 | 2°14 | 28°17 | W25 |
| T 26 | 12 17 24 | 5°53'46 | 5 N 7 | 10°36 | 20°46 | 22°53 | 3°56 | 7°59 | 19°40 | 23°17 | 8°40 | 19°16 | 18°29 | 2°21 | 28°20 | T 26 |
| F 27 | 12 21 20 | 6°53'56 | 18°29 | 11°54 | 22° 1 | 23°17 | 4° 9 | 8° 6 | 19°38 | 23°18 | 8°39 | 19°17 | 18°26 | 2°27 | 28°23 | F 27 |
| S 28 | 12 25 17 | 7°54'03 | 1 m 38 | 13°15 | 23°16 | 23°39 | 4°22 | 8°14 | 19°36 | 23°19 | 8°37 | 19°19 | 18°22 | 2°34 | 28°27 | S 28 |
| S 29 | 12 29 13 | 8°54'09 | 14°33 | 14°36 | 24°31 | 24° 2 | 4°35 | 8°21 | 19°35 | 23°20 | 8°36 | 19°R19 | 18°19 | 2°41 | 28°30 | S 29 |
| M30 | 12 33 10 | 9°54'13 | 27°16 | 16° 0 | 25°45 | 24°24 | 4°48 | 8°28 | 19°34 | 23°21 | 8°35 | 19°19 | 18°16 | 2°48 | 28°33 | M30 |
| T 31 | 12 37 6 | 10 Y 54'14 | 9 ≏ 48 | 17) (24 | 27 Y 0 | 24 ∡ ⁴46 | 5 米 0 | 8 Y 36 | 19 Ω 32 | 23 ට 21 | 8 M .33 | 19 m /18 | 18 m 13 | 2 , 754 | 28 Y 37 | T 31 |

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|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|-----------------|-----------------|---------------|----------------|------|
| W 1 | 12 41 3 | 11 Y 54'14 | 22 º 9 | 18) 50 | 28 Υ 14 | 25 ×7 8 | 5 ₩ 13 | 8 Υ 43 | 19°R31 | 23중22 | 8°R32 | 19°R16 | 18 m)10 | 3 ₹ 1 | 28 Y 40 | W 1 |
| T 2 | 12 45 0 | 12°54'13 | 4 M 20 | 20°17 | 29°29 | 25°29 | 5°26 | 8°50 | 19 Ω 30 | 23°23 | 8 M .30 | 19 M p12 | 18° 7 | 3° 8 | 28°44 | T 2 |
| F 3 | 12 48 56 | 13°54'09 | 16°23 | 21°46 | 0 8 43 | 25°50 | 5°39 | 8°58 | 19°28 | 23°24 | 8°29 | 19° 8 | 18° 3 | 3°15 | 28°47 | F 3 |
| S 4 | 12 52 53 | 14°54'04 | 28°19 | 23°16 | 1°58 | 26°11 | 5°51 | 9° 5 | 19°27 | 23°24 | 8°27 | 19° 3 | 18° 0 | 3°21 | 28°50 | S 4 |
| S 5 | 12 56 49 | 15°53'58 | 10 ∡ 12 | 24°47 | 3°12 | 26°31 | 6° 4 | 9°12 | 19°26 | 23°25 | 8°26 | 18°59 | 17°57 | 3°28 | 28°54 | S 5 |
| M 6 | 13 0 46 | 16°53'49 | 22° 4 | 26°19 | 4°27 | 26°51 | 6°16 | 9°19 | 19°25 | 23°26 | 8°24 | 18°56 | 17°54 | 3°35 | 28°57 | M 6 |
| T 7 | 13 4 42 | 17°53'40 | 3 る 59 | 27°53 | 5°41 | 27°10 | 6°29 | 9°27 | 19°24 | 23°26 | 8°23 | 18°53 | 17°51 | 3°41 | 29° 1 | T 7 |
| W 8 | 13 8 39 | 18°53'28 | 16° 2 | 29°27 | 6°56 | 27°29 | 6°41 | 9°34 | 19°23 | 23°27 | 8°21 | 18°D52 | 17°47 | 3°48 | 29° 4 | W 8 |
| T 9 | 13 12 35 | 19°53'15 | 28°18 | 1 Υ 3 | 8°10 | 27°48 | 6°53 | 9°41 | 19°22 | 23°27 | 8°20 | 18°53 | 17°44 | 3°55 | 29° 8 | T 9 |
| F 10 | 13 16 32 | 20°53'00 | 10≈50 | 2°41 | 9°24 | 28° 7 | 7° 5 | 9°48 | 19°21 | 23°28 | 8°18 | 18°54 | 17°41 | 4° 2 | 29°11 | F 10 |
| S 11 | 13 20 28 | 21°52'44 | 23°44 | 4°19 | 10°38 | 28°24 | 7°17 | 9°56 | 19°20 | 23°28 | 8°16 | 18°56 | 17°38 | 4° 8 | 29°15 | S 11 |
| S 12 | 13 24 25 | 22°52'26 | 7 ∺ 3 | 5°59 | 11°53 | 28°42 | 7°29 | 10° 3 | 19°20 | 23°29 | 8°15 | 18°57 | 17°35 | 4°15 | 29°18 | S 12 |
| M13 | 13 28 22 | 23°52'06 | 20°48 | 7°40 | 13° 7 | 28°59 | 7°41 | 10°10 | 19°19 | 23°29 | 8°13 | 18°R58 | 17°32 | 4°22 | 29°22 | M13 |
| T 14 | 13 32 18 | 24°51'44 | 4 Υ 59 | 9°22 | 14°21 | 29°16 | 7°53 | 10°17 | 19°18 | 23°29 | 8°11 | 18°57 | 17°28 | 4°28 | 29°25 | T 14 |
| W15 | 13 36 15 | 25°51'21 | 19°34 | 11° 6 | 15°35 | 29°32 | 8° 5 | 10°24 | 19°18 | 23°30 | 8°10 | 18°54 | 17°25 | 4°35 | 29°29 | W15 |
| T 16 | 13 40 11 | 26°50'56 | 4826 | 12°51 | 16°49 | 29°47 | 8°17 | 10°31 | 19°17 | 23°30 | 8° 8 | 18°49 | 17°22 | 4°42 | 29°32 | T 16 |
| F 17 | 13 44 8 | 27°50'28 | 19°27 | 14°37 | 18° 4 | 0ට 3 | 8°28 | 10°38 | 19°17 | 23°30 | 8° 7 | 18°44 | 17°19 | 4°49 | 29°36 | F 17 |
| S 18 | 13 48 4 | 28°49'59 | 4 Ⅱ 27 | 16°24 | 19°18 | 0°17 | 8°40 | 10°46 | 19°16 | 23°31 | 8° 5 | 18°38 | 17°16 | 4°55 | 29°39 | S 18 |
| S 19 | 13 52 1 | 29°49'28 | 19°19 | 18°13 | 20°32 | 0°32 | 8°51 | 10°53 | 19°16 | 23°31 | 8° 3 | 18°32 | 17°12 | 5° 2 | 29°43 | S 19 |
| M20 | 13 55 57 | 0 8 48'54 | 3 9 54 | 20° 3 | 21°46 | 0°45 | 9° 3 | 11° 0 | 19°15 | 23°31 | 8° 2 | 18°27 | 17° 9 | 5° 9 | 29°46 | M20 |
| T 21 | 13 59 54 | 1°48'18 | 18° 8 | 21°55 | 23° 0 | 0°59 | 9°14 | 11° 7 | 19°15 | 23°31 | 8° 0 | 18°25 | 17° 6 | 5°15 | 29°50 | T 21 |
| W22 | 14 3 51 | 2°47'40 | 2 N 0 | 23°47 | 24°13 | 1°11 | 9°25 | 11°14 | 19°15 | 23°31 | 7°58 | 18°D24 | 17° 3 | 5°22 | 29°53 | W22 |
| T 23 | 14 7 47 | 3°47'00 | 15°29 | 25°42 | 25°27 | 1°23 | 9°36 | 11°21 | 19°15 | 23°31 | 7°57 | 18°24 | 17° 0 | 5°29 | 29°57 | T 23 |
| F 24 | 14 11 44 | 4°46'17 | 28°38 | 27°37 | 26°41 | 1°35 | 9°47 | 11°28 | 19°15 | 23°R31 | 7°55 | 18°26 | 16°57 | 5°36 | 08 0 | F 24 |
| S 25 | 14 15 40 | 5°45'32 | 11 M 30 | 29°34 | 27°55 | 1°46 | 9°58 | 11°34 | 19°15 | 23°31 | 7°53 | 18°27 | 16°53 | 5°42 | 0° 4 | S 25 |
| S 26 | 14 19 37 | 6°44'45 | 24° 7 | 1832 | 29° 9 | 1°57 | 10° 9 | 11°41 | 19°D14 | 23°31 | 7°51 | 18°R27 | 16°50 | 5°49 | 0° 7 | S 26 |
| M27 | 14 23 33 | 7°43'56 | 6 ₽ 32 | 3°31 | 0П22 | 2° 7 | 10°19 | 11°48 | 19°15 | 23°31 | 7°50 | 18°25 | 16°47 | 5°56 | 0°11 | M27 |
| T 28 | 14 27 30 | 8°43'04 | 18°48 | 5°32 | 1°36 | 2°16 | 10°30 | 11°55 | 19°15 | 23°31 | 7°48 | 18°21 | 16°44 | 6° 2 | 0°14 | T 28 |
| W29 | 14 31 26 | 9°42'11 | 0 M .56 | 7°34 | 2°50 | 2°25 | 10°40 | 12° 2 | 19°15 | 23°31 | 7°46 | 18°15 | 16°41 | 6° 9 | 0°18 | W29 |
| T 30 | 14 35 23 | 10841'15 | 12 M 58 | 9 8 36 | 4 II 3 | 2 ප 33 | 10 ∺ 51 | 12 Y 8 | 19 Ω 15 | 23 る 31 | 7 M .45 | 18 m) 6 | 16 M)38 | 6 ₹ 16 | 0821 | T 30 |

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| F 1 | 14 39 20 | 11840'18 | 24M55 | 11840 | 5 Ⅱ 17 | 2 ප් 41 | 11) 1 | 12 Y 15 | 19 Ω 15 | 23°R30 | 7°R43 | 17°R56 | 16 M 34 | 6 ₹ 123 | 0 8 25 | F 1 |
| S 2 | 14 43 16 | 12°39'19 | 6 ₹ 49 | 13°45 | 6°30 | 2°48 | 11°11 | 12°22 | 19°15 | 23 궁 30 | 7 M .41 | 17 m)45 | 16°31 | 6°29 | 0°28 | S 2 |
| S 3 | 14 47 13 | 13°38'18 | 18°41 | 15°50 | 7°44 | 2°54 | 11°21 | 12°28 | 19°16 | 23°30 | 7°40 | 17°35 | 16°28 | 6°36 | 0°32 | S 3 |
| M 4 | 14 51 9 | 14°37'15 | 0 궁 34 | 17°56 | 8°57 | 3° 0 | 11°31 | 12°35 | 19°16 | 23°30 | 7°38 | 17°26 | 16°25 | 6°43 | 0°35 | M 4 |
| T 5 | 14 55 6 | 15°36'10 | 12°30 | 20° 2 | 10°11 | 3° 4 | 11°41 | 12°42 | 19°17 | 23°29 | 7°36 | 17°19 | 16°22 | 6°50 | 0°39 | T 5 |
| W 6 | 14 59 2 15 2 59 | 16°35'04 | 24°32 | 22° 8 | 11°24 12°37 | 3° 9 3°12 | 11°51 | 12°48 | 19°17 19°18 | 23°29 23°29 | 7°35 7°33 | 17°14 | 16°18 | 6°56 7° 3 | 0°42 0°45 | W 6 T 7 |
| T 7 F 8 | 15 2 59 15 6 55 | 17°33'56 18°32'46 | 6 ≈ 45 19°14 | 24°14 26°20 | 12°37 13°50 | 3°12 3°15 | 12° 0 12°10 | 12°55 13° 1 | 19°18 19°18 | 23°29 23°28 | 7°33 | 17°11 17°D11 | 16°15 16°12 | 7° 3 | 0°45 0°49 | F 8 |
| S 9 | 15 10 52 | 18 32 46 19°31'35 | 2)(2 | 28°24 | 15° 4 | 3°18 | 12°19 | 13° 7 | 19 18 19°19 | 23°28 | 7°30 | 17°11 | 16° 12 | 7°16 | 0°52 | г о S 9 |
| | | | 15°14 | 0 Ⅱ 28 | - | 3°19 | | | | 23°27 | | | | 7°23 | 0°56 | S 10 |
| S 10 M11 | 15 14 49 15 18 45 | 20°30'22 21°29'07 | 15°14 28°54 | 2°30 | 16°17 17°30 | 3°19 3°20 | 12°28 12°37 | 13°14 13°20 | 19°20 19°21 | 23°27 23°27 | 7°28 7°26 | 17°R11 17°11 | 16° 6 16° 3 | 7°23 7°30 | 0°56 0°59 | M11 |
| T 12 | 15 22 42 | 21°29'07 22°27'51 | 13 ° 4 | 4°30 | 18°43 | 3°R20 | 12°46 | 13°26 | 19°21 | 23°26 | 7°25 | 17° 8 | 15°59 | 7°37 | 1° 2 | T 12 |
| W13 | 15 26 38 | 23°26'33 | 27°40 | 6°28 | 19°56 | 3°19 | 12°55 | 13°33 | 19°22 | 23°26 | 7°23 | 17° 3 | 15°56 | 7°43 | 1° 6 | W13 |
| T 14 | 15 30 35 | 24°25'13 | 12840 | 8°24 | 21° 9 | 3°18 | 13° 4 | 13°39 | 19°23 | 23°25 | 7°22 | 16°56 | 15°53 | 7°50 | 1° 9 | T 14 |
| F 15 | 15 34 31 | 25°23'52 | 27°54 | 10°17 | 22°22 | 3°15 | 13°12 | 13°45 | 19°24 | 23°24 | 7°20 | 16°47 | 15°50 | 7°57 | 1°12 | F 15 |
| S 16 | 15 38 28 | 26°22'29 | 13 Ⅱ 12 | 12° 7 | 23°35 | 3°12 | 13°21 | 13°51 | 19°25 | 23°24 | 7°18 | 16°36 | 15°47 | 8° 3 | 1°15 | S 16 |
| S 17 | 15 42 24 | 27°21'04 | 28°22 | 13°53 | 24°48 | 3° 9 | 13°29 | 13°57 | 19°26 | 23°23 | 7°17 | 16°27 | 15°44 | 8°10 | 1°19 | S 17 |
| M18 | 15 46 21 | 28°19'37 | 139515 | 15°36 | 26° 1 | 3° 4 | 13°37 | 14° 3 | 19°27 | 23°22 | 7°15 | 16°19 | 15°40 | 8°17 | 1°22 | M18 |
| T 19 | 15 50 18 | 29°18'08 | 27°43 | 17°16 | 27°13 | 2°59 | 13°46 | 14° 9 | 19°29 | 23°21 | 7°14 | 16°13 | 15°37 | 8°24 | 1°25 | T 19 |
| W20 | 15 54 14 | 0 Ⅱ 16'36 | 11 Ω 44 | 18°51 | 28°26 | 2°53 | 13°53 | 14°14 | 19°30 | 23°21 | 7°12 | 16° 9 | 15°34 | 8°30 | 1°28 | W20 |
| T 21 F 22 | 15 58 11 16 2 7 | 1°15'03 2°13'27 | 25°17 | 20°23 21°50 | 29°39 0 © 51 | 2°46 2°38 | 14° 1 14° 9 | 14°20 14°26 | 19°31 19°33 | 23°20 23°19 | 7°11 7°9 | 16° 8 16°D 8 | 15°31 15°28 | 8°37 8°44 | 1°31 1°35 | T 21 F 22 |
| S 23 | 16 2 7 | 3°11'50 | 8 Mp 25 21°10 | 21°30 23°13 | 2° 4 | 2°30 | 14° 9 | 14°26 14°32 | 19°33 | 23°19 23°18 | 7° 8 | 16°R 8 | 15°28 15°24 | 8°51 | 1°38 | S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 M25 | 16 10 0 16 13 57 | 4°10'10 5° 8'29 | 3 ≙ 39 15°54 | 24°32 25°46 | 3°17 4°29 | 2°21 2°11 | 14°24 14°31 | 14°37 14°43 | 19°35 19°37 | 23°17 23°16 | 7° 6 7° 5 | 16° 7 16° 4 | 15°21 15°18 | 8°57 9° 4 | 1°41 1°44 | S 24 M25 |
| T 26 | 16 17 53 | 6° 6'45 | 27°59 | 26°56 | 5°41 | 2° 1 | 14°38 | 14°48 | 19°38 | 23°15 | 7° 3 | 15°58 | 15°15 | 9°11 | 1°47 | T 26 |
| W27 | 16 21 50 | 7° 5'00 | 9 M .58 | 28° 1 | 6°54 | 1°49 | 14°45 | 14°54 | 19°40 | 23°14 | 7° 2 | 15°49 | 15°12 | 9°17 | 1°50 | W27 |
| T 28 | 16 25 46 | 8° 3'13 | 21°53 | 29° 2 | 8° 6 | 1°37 | 14°52 | 14°59 | 19°42 | 23°13 | 7° 1 | 15°38 | 15° 9 | 9°24 | 1°53 | T 28 |
| F 29 | 16 29 43 | 9° 1'24 | 3 ∡ 746 | 29°57 | 9°18 | 1°25 | 14°58 | 15° 4 | 19°43 | 23°12 | 6°59 | 15°25 | 15° 5 | 9°31 | 1°56 | F 29 |
| S 30 | 16 33 40 | 9°59'34 | 15°39 | 09548 | 10°31 | 1°11 | 15° 5 | 15°10 | 19°45 | 23°11 | 6°58 | 15°11 | 15° 2 | 9°38 | 1°59 | S 30 |
| S 31 | 16 37 36 | 10 Ⅲ 57'42 | 27 × 33 | 1934 | 119543 | 0 ප 57 | 15 米 11 | 15 Y 15 | 19 Ω 47 | 23 ට 10 | 6 M 57 | 14 m)57 | 14 M 59 | 9 ∡ 744 | 2 8 2 | S 31 |

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|------|----------|-------------------|----------------|-------|----------------|-----------------|----------------|----------------|----------------|----------------|---------------|-----------------|----------------|----------------|---------------|------|
| M 1 | 16 41 33 | 11 Ⅱ 55'48 | 9 ට 28 | 29516 | 12955 | 0°R42 | 15) 17 | 15 Y 20 | 19 Ω 49 | 23°R 9 | 6°R55 | 14°R44 | 14 M 56 | 9 ∡ 751 | 2 8 5 | M 1 |
| T 2 | 16 45 29 | 12°53'53 | 21°28 | 2°52 | 14° 7 | 0 궁 27 | 15°23 | 15°25 | 19°51 | 23る 8 | 6 M 54 | 14 m /34 | 14°53 | 9°58 | 2° 7 | T 2 |
| W 3 | 16 49 26 | 13°51'57 | 3≈35 | 3°23 | 15°19 | 0°11 | 15°29 | 15°30 | 19°52 | 23° 7 | 6°53 | 14°27 | 14°50 | 10° 4 | 2°10 | W 3 |
| T 4 | 16 53 22 | 14°49'59 | 15°51 | 3°49 | 16°31 | 29 × 755 | 15°35 | 15°35 | 19°54 | 23° 6 | 6°51 | 14°22 | 14°46 | 10°11 | 2°13 | T 4 |
| F 5 | 16 57 19 | 15°48'00 | 28°20 | 4°10 | 17°43 | 29°37 | 15°40 | 15°39 | 19°56 | 23° 5 | 6°50 | 14°20 | 14°43 | 10°18 | 2°16 | F 5 |
| S 6 | 17 1 16 | 16°45'59 | 11 米 6 | 4°26 | 18°54 | 29°20 | 15°45 | 15°44 | 19°59 | 23° 3 | 6°49 | 14°20 | 14°40 | 10°25 | 2°19 | S 6 |
| S 7 | 17 5 12 | 17°43'58 | 24°13 | 4°37 | 20° 6 | 29° 2 | 15°51 | 15°49 | 20° 1 | 23° 2 | 6°48 | 14°20 | 14°37 | 10°31 | 2°21 | S 7 |
| M 8 | 17 9 9 | 18°41'55 | 7 Y 46 | 4°43 | 21°18 | 28°43 | 15°56 | 15°53 | 20° 3 | 23° 1 | 6°47 | 14°19 | 14°34 | 10°38 | 2°24 | M 8 |
| T 9 | 17 13 5 | 19°39'51 | 21°46 | 4°R44 | 22°29 | 28°24 | 16° 0 | 15°58 | 20° 5 | 23° 0 | 6°46 | 14°16 | 14°30 | 10°45 | 2°26 | T 9 |
| W10 | 17 17 2 | 20°37'46 | 6 8 13 | 4°41 | 23°41 | 28° 4 | 16° 5 | 16° 2 | 20° 7 | 22°58 | 6°44 | 14°11 | 14°27 | 10°52 | 2°29 | W10 |
| T 11 | 17 20 58 | 21°35'40 | 21° 5 | 4°33 | 24°52 | 27°44 | 16°10 | 16° 7 | 20° 9 | 22°57 | 6°43 | 14° 3 | 14°24 | 10°58 | 2°32 | T 11 |
| F 12 | 17 24 55 | 22°33'32 | 6 Ⅱ 15 | 4°20 | 26° 4 | 27°24 | 16°14 | 16°11 | 20°12 | 22°56 | 6°42 | 13°54 | 14°21 | 11° 5 | 2°34 | F 12 |
| S 13 | 17 28 51 | 23°31'24 | 21°33 | 4° 4 | 27°15 | 27° 3 | 16°18 | 16°15 | 20°14 | 22°54 | 6°41 | 13°43 | 14°18 | 11°12 | 2°37 | S 13 |
| S 14 | 17 32 48 | 24°29'14 | 69548 | 3°43 | 28°27 | 26°43 | 16°22 | 16°20 | 20°16 | 22°53 | 6°40 | 13°32 | 14°15 | 11°18 | 2°39 | S 14 |
| M15 | 17 36 45 | 25°27'03 | 21°48 | 3°19 | 29°38 | 26°22 | 16°26 | 16°24 | 20°19 | 22°52 | 6°39 | 13°23 | 14°11 | 11°25 | 2°42 | M15 |
| T 16 | 17 40 41 | 26°24'50 | $6\Omega 26$ | 2°53 | 0 Ω 49 | 26° 1 | 16°29 | 16°28 | 20°21 | 22°50 | 6°38 | 13°17 | 14° 8 | 11°32 | 2°44 | T 16 |
| W17 | 17 44 38 | 27°22'36 | 20°36 | 2°24 | 2° 0 | 25°39 | 16°33 | 16°31 | 20°24 | 22°49 | 6°37 | 13°13 | 14° 5 | 11°39 | 2°46 | W17 |
| T 18 | 17 48 34 | 28°20'20 | 4Mp16 | 1°52 | 3°11 | 25°18 | 16°36 | 16°35 | 20°26 | 22°47 | 6°37 | 13°11 | 14° 2 | 11°45 | 2°49 | T 18 |
| F 19 | 17 52 31 | 29°18'02 | 17°29 | 1°20 | 4°22 | 24°57 | 16°39 | 16°39 | 20°29 | 22°46 | 6°36 | 13°D11 | 13°59 | 11°52 | 2°51 | F 19 |
| S 20 | 17 56 27 | 09915'44 | 0 ≏ 17 | 0°46 | 5°33 | 24°35 | 16°42 | 16°43 | 20°32 | 22°45 | 6°35 | 13°R11 | 13°55 | 11°59 | 2°53 | S 20 |
| S 21 | 18 0 24 | 1°13'23 | 12°45 | 0°12 | 6°44 | 24°14 | 16°45 | 16°46 | 20°34 | 22°43 | 6°34 | 13°11 | 13°52 | 12° 6 | 2°55 | S 21 |
| M22 | 18 4 20 | 2°11'02 | 24°57 | 29∏39 | 7°54 | 23°53 | 16°47 | 16°50 | 20°37 | 22°42 | 6°33 | 13° 8 | 13°49 | 12°12 | 2°57 | M22 |
| T 23 | 18 8 17 | 3° 8'39 | 6 M 59 | 29° 6 | 9° 5 | 23°32 | 16°50 | 16°53 | 20°40 | 22°40 | 6°33 | 13° 4 | 13°46 | 12°19 | 2°59 | T 23 |
| W24 | 18 12 14 | 4° 6'14 | 18°54 | 28°35 | 10°16 | 23°12 | 16°52 | 16°56 | 20°42 | 22°39 | 6°32 | 12°57 | 13°43 | 12°26 | 3° 2 | W24 |
| T 25 | 18 16 10 | 5° 3'49 | 0 ,₹ 47 | 28° 6 | 11°26 | 22°51 | 16°54 | 17° 0 | 20°45 | 22°37 | 6°31 | 12°47 | 13°40 | 12°32 | 3° 4 | T 25 |
| F 26 | 18 20 7 | 6° 1'22 | 12°39 | 27°39 | 12°37 | 22°31 | 16°55 | 17° 3 | 20°48 | 22°36 | 6°30 | 12°36 | 13°36 | 12°39 | 3° 6 | F 26 |
| S 27 | 18 24 3 | 6°58'54 | 24°32 | 27°15 | 13°47 | 22°12 | 16°57 | 17° 6 | 20°51 | 22°34 | 6°30 | 12°24 | 13°33 | 12°46 | 3° 7 | S 27 |
| S 28 | 18 28 0 | 7°56'26 | 6 ප 30 | 26°54 | 14°57 | 21°52 | 16°58 | 17° 9 | 20°54 | 22°32 | 6°29 | 12°12 | 13°30 | 12°53 | 3° 9 | S 28 |
| M29 | 18 31 56 | 8°53'56 | 18°32 | 26°37 | 16° 7 | 21°33 | 17° 0 | 17°12 | 20°57 | 22°31 | 6°29 | 12° 1 | 13°27 | 12°59 | 3°11 | M29 |
| T 30 | 18 35 53 | 9951'25 | 0≈41 | 26∏24 | 17 Ω 17 | 21 × 15 | 17) 1 | 17 Ƴ 14 | 21 0 0 | 22 る 29 | 6ML28 | 11 m 52 | 13 m 24 | 13 ∡ 6 | 3 8 13 | T 30 |

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| W 1 | 18 39 49 | 109548'54 | 12≈57 | 26°R15 | 18 Ω 27 | 20°R57 | 17) (1 | 17 Y 17 | 218 3 | 22°R28 | 6°R28 | 11°R46 | 13 m) 21 | 13 × 13 | 3 8 15 | W 1 |
| T 2 | 18 43 46 | 11°46'22 | 25°22 | 26 Ⅱ 10 | 19°37 | 20 × 39 | 17° 2 | 17°20 | 21° 6 | 22 궁 26 | 6 M 27 | 11 m 43 | 13°17 | 13°19 | 3°16 | T 2 |
| F 3 | 18 47 43 | 12°43'49 | 8) 0 | 26°D10 | 20°47 | 20°22 | 17° 3 | 17°22 | 21° 9 | 22°25 | 6°27 | 11°D41 | 13°14 | 13°26 | 3°18 | F 3 |
| S 4 | 18 51 39 | 13°41'16 | 20°52 | 26°14 | 21°57 | 20° 6 | 17° 3 | 17°25 | 21°12 | 22°23 | 6°26 | 11°42 | 13°11 | 13°33 | 3°20 | S 4 |
| S 5 | 18 55 36 | 14°38'42 | 4Υ 1 | 26°22 | 23° 6 | 19°50 | 17°R 3 | 17°27 | 21°15 | 22°21 | 6°26 | 11°42 | 13° 8 | 13°40 | 3°21 | S 5 |
| M 6 | 18 59 32 | 15°36'07 | 17°31 | 26°35 | 24°16 | 19°35 | 17° 3 | 17°29 | 21°18 | 22°20 | 6°26 | 11°R43 | 13° 5 | 13°46 | 3°23 | M 6 |
| T 7 | 19 3 29 | 16°33'32 | 1824 | 26°53 | 25°25 | 19°21 | 17° 2 | 17°31 | 21°21 | 22°18 | 6°25 | 11°42 | 13° 1 | 13°53 | 3°24 | T 7 |
| W 8 | 19 7 25 | 17°30'57 | 15°39 | 27°15 | 26°34 | 19° 7 | 17° 2 | 17°33 | 21°24 | 22°17 | 6°25 | 11°39 | 12°58 | 14° 0 | 3°26 | W 8 |
| T 9 | 19 11 22 | 18°28'22 | 0 Ⅱ 16 | 27°42 | 27°43 | 18°54 | 17° 1 | 17°35 | 21°27 | 22°15 | 6°25 | 11°34 | 12°55 | 14° 7 | 3°27 | T 9 |
| F 10 | 19 15 18 | 19°25'46 | 15° 9 | 28°13 | 28°53 | 18°42 | 17° 0 | 17°37 | 21°31 | 22°13 | 6°25 | 11°27 | 12°52 | 14°13 | 3°29 | F 10 |
| S 11 | 19 19 15 | 20°23'09 | 09911 | 28°48 | 0Mg 2 | 18°31 | 16°59 | 17°39 | 21°34 | 22°12 | 6°24 | 11°20 | 12°49 | 14°20 | 3°30 | S 11 |
| S 12 | 19 23 12 | 21°20'33 | 15°13 | 29°28 | 1°10 | 18°20 | 16°58 | 17°41 | 21°37 | 22°10 | 6°24 | 11°12 | 12°46 | 14°27 | 3°31 | S 12 |
| M13 | 19 27 8 | 22°17'55 | ON 6 | 09୍ତ12 | 2°19 | 18°10 | 16°56 | 17°42 | 21°40 | 22° 8 | 6°24 | 11° 6 | 12°42 | 14°33 | 3°32 | M13 |
| T 14 | 19 31 5 | 23°15'18 | 14°41 | 1° 0 | 3°28 | 18° 1 | 16°55 | 17°44 | 21°44 | 22° 7 | 6°24 | 11° 1 | 12°39 | 14°40 | 3°33 | T 14 |
| W15 | 19 35 1 | 24°12'39 | 28°51 | 1°53 | 4°36 | 17°53 | 16°53 | 17°45 | 21°47 | 22° 5 | 6°24 | 10°59 | 12°36 | 14°47 | 3°35 | W15 |
| T 16 | 19 38 58 | 25°10'00 | 12 M y35 | 2°49 | 5°45 | 17°45 | 16°51 | 17°46 | 21°50 | 22° 4 | 6°D24 | 10°D58 | 12°33 | 14°54 | 3°36 | T 16 |
| F 17 | 19 42 54 | 26° 7'20 | 25°53 | 3°49 | 6°53 | 17°39 | 16°48 | 17°48 | 21°54 | 22° 2 | 6°24 | 10°59 | 12°30 | 15° 0 | 3°37 | F 17 |
| S 18 | 19 46 51 | 27° 4'39 | 8 ≏ 45 | 4°53 | 8° 1 | 17°33 | 16°46 | 17°49 | 21°57 | 22° 0 | 6°24 | 11° 0 | 12°27 | 15° 7 | 3°38 | S 18 |
| S 19 | 19 50 48 | 28° 1'58 | 21°16 | 6° 1 | 9° 9 | 17°28 | 16°43 | 17°50 | 22° 1 | 21°59 | 6°24 | 11° 1 | 12°23 | 15°14 | 3°38 | S 19 |
| M20 | 19 54 44 | 28°59'17 | 3 M .31 | 7°13 | 10°17 | 17°24 | 16°40 | 17°50 | 22° 4 | 21°57 | 6°24 | 11°R 1 | 12°20 | 15°20 | 3°39 | M20 |
| T 21 | 19 58 41 | 29°56'34 | 15°34 | 8°28 | 11°25 | 17°21 | 16°37 | 17°51 | 22° 8 | 21°56 | 6°24 | 11° 0 | 12°17 | 15°27 | 3°40 | T 21 |
| W22 | 20 2 37 | 0 Ω 53'52 | 27°29 | 9°48 | 12°33 | 17°19 | 16°34 | 17°52 | 22°11 | 21°54 | 6°25 | 10°57 | 12°14 | 15°34 | 3°41 | W22 |
| T 23 | 20 6 34 | 1°51'08 | 9 ₹ 21 | 11°11 | 13°40 | 17°17 | 16°31 | 17°52 | 22°15 | 21°52 | 6°25 | 10°52 | 12°11 | 15°41 | 3°42 | T 23 |
| F 24 | 20 10 30 | 2°48'25 | 21°14 | 12°37 | 14°47 | 17°D17 | 16°27 | 17°53 | 22°18 | 21°51 | 6°25 | 10°46 | 12° 7 | 15°47 | 3°42 | F 24 |
| S 25 | 20 14 27 | 3°45'41 | 3 ਰ 11 | 14° 7 | 15°55 | 17°17 | 16°24 | 17°53 | 22°22 | 21°49 | 6°25 | 10°40 | 12° 4 | 15°54 | 3°43 | S 25 |
| S 26 | 20 18 23 | 4°42'57 | 15°14 | 15°41 | 17° 2 | 17°18 | 16°20 | 17°54 | 22°25 | 21°48 | 6°26 | 10°33 | 12° 1 | 16° 1 | 3°43 | S 26 |
| M27 | 20 22 20 | 5°40'12 | 27°25 | 17°18 | 18° 9 | 17°19 | 16°16 | 17°54 | 22°29 | 21°46 | 6°26 | 10°28 | 11°58 | 16° 8 | 3°44 | M27 |
| T 28 | 20 26 17 | 6°37'28 | 9≈46 | 18°58 | 19°15 | 17°22 | 16°12 | 17°R54 | 22°32 | 21°45 | 6°27 | 10°23 | 11°55 | 16°14 | 3°44 | T 28 |
| W29 | 20 30 13 | 7°34'43 | 22°17 | 20°42 | 20°22 | 17°25 | 16° 7 | 17°54 | 22°36 | 21°43 | 6°27 | 10°20 | 11°52 | 16°21 | 3°45 | W29 |
| T 30 | 20 34 10 | 8°31'58 | 4) €59 | 22°29 | 21°28 | 17°30 | 16° 3 | 17°54 | 22°39 | 2 <u>1°</u> 41 | 6°27 | 10°D19 | 11°48 | 16°28 | 3°45 | T 30 |
| F 31 | 20 38 6 | 9 Ω 29'14 | 17 米 53 | 249619 | 22 Mp 34 | 17 , 735 | 15 ∺ 58 | 17 Y 53 | 22 N 43 | 21 궁 40 | 6ML28 | 10 m 19 | 11 M)45 | 16 ₹ 34 | 3 8 45 | F 31 |

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| S 1 | 20 42 3 | 10 \O 26'29 | 1 Y 1 | 269512 | 23 Mp 40 | 17 ×7 40 | 15°R53 | 17°R53 | 22 N 47 | 21°R38 | 6ML28 | 10 m 20 | 11 m) 42 | 16 ×7 41 | 3 8 46 | S 1 |
| S 2 | 20 45 59 | 11°23'45 | 14°22 | 28° 8 | 24°46 | 17°47 | 15) €48 | 17 Y 53 | 22°50 | 21る37 | 6°29 | 10°22 | 11°39 | 16°48 | 3°46 | S 2 |
| M 3 | 20 49 56 | 12°21'02 | 27°59 | ON 6 | 25°52 | 17°54 | 15°43 | 17°52 | 22°54 | 21°35 | 6°30 | 10°23 | 11°36 | 16°55 | 3°46 | M 3 |
| T 4 | 20 53 52 | 13°18'19 | 11852 | 2° 6 | 26°58 | 18° 2 | 15°37 | 17°52 | 22°57 | 21°34 | 6°30 | 10°R23 | 11°33 | 17° 1 | 3°46 | T 4 |
| W 5 | 20 57 49 | 14°15'36 | 26° 0 | 4° 9 | 28° 3 | 18°11 | 15°32 | 17°51 | 23° 1 | 21°32 | 6°31 | 10°23 | 11°29 | 17° 8 | 3°R46 | W 5 |
| T 6 | 21 1 46 | 15°12'54 | 10 Ⅲ 22 | 6°13 | 29° 8 | 18°20 | 15°26 | 17°50 | 23° 5 | 21°31 | 6°32 | 10°22 | 11°26 | 17°15 | 3°46 | T 6 |
| F 7 | 21 5 42 | 16°10'12 | 24°54 | 8°19 | 0 ჲ 13 | 18°30 | 15°20 | 17°49 | 23° 8 | 21°30 | 6°32 | 10°19 | 11°23 | 17°22 | 3°46 | F 7 |
| S 8 | 21 9 39 | 17° 7'31 | 9932 | 10°26 | 1°18 | 18°41 | 15°15 | 17°48 | 23°12 | 21°28 | 6°33 | 10°16 | 11°20 | 17°28 | 3°46 | S 8 |
| S 9 | 21 13 35 | 18° 4'50 | 24°10 | 12°34 | 2°22 | 18°53 | 15° 9 | 17°47 | 23°16 | 21°27 | 6°34 | 10°13 | 11°17 | 17°35 | 3°46 | S 9 |
| M10 | 21 17 32 | 19° 2'10 | 8 Ω 42 | 14°42 | 3°27 | 19° 5 | 15° 2 | 17°46 | 23°19 | 21°25 | 6°35 | 10°10 | 11°13 | 17°42 | 3°45 | M10 |
| T 11 | 21 21 28 | 19°59'30 | 23° 0 | 16°50 | 4°31 | 19°18 | 14°56 | 17°44 | 23°23 | 21°24 | 6°36 | 10° 9 | 11°10 | 17°48 | 3°45 | T 11 |
| W12 | 21 25 25 | 20°56'51 | 7 m y 0 | 18°59 | 5°35 | 19°32 | 14°50 | 17°43 | 23°27 | 21°23 | 6°36 | 10°D 8 | 11° 7 | 17°55 | 3°45 | W12 |
| T 13 | 21 29 21 | 21°54'12 | 20°38 | 21° 7 | 6°38 | 19°46 | 14°43 | 17°42 | 23°30 | 21°21 | 6°37 | 10° 8 | 11° 4 | 18° 2 | 3°44 | T 13 |
| F 14 | 21 33 18 | 22°51'33 | 3 ≏ 54 | 23°14 | 7°42 | 20° 1 | 14°36 | 17°40 | 23°34 | 21°20 | 6°38 | 10° 9 | 11° 1 | 18° 9 | 3°44 | F 14 |
| S 15 | 21 37 15 | 23°48'54 | 16°47 | 25°21 | 8°45 | 20°16 | 14°30 | 17°38 | 23°38 | 21°19 | 6°39 | 10°11 | 10°58 | 18°15 | 3°44 | S 15 |
| S 16 | 21 41 11 | 24°46'16 | 29°21 | 27°27 | 9°48 | 20°33 | 14°23 | 17°37 | 23°41 | 21°17 | 6°40 | 10°12 | 10°54 | 18°22 | 3°43 | S 16 |
| M17 | 21 45 8 | 25°43'38 | 11 M 38 | 29°32 | 10°50 | 20°49 | 14°16 | 17°35 | 23°45 | 21°16 | 6°41 | 10°13 | 10°51 | 18°29 | 3°42 | M17 |
| T 18 | 21 49 4 | 26°41'00 | 23°43 | 1 m 35 | 11°53 | 21° 7 | 14° 9 | 17°33 | 23°49 | 21°15 | 6°42 | 10°R13 | 10°48 | 18°35 | 3°42 | T 18 |
| W19 | 21 53 1 | 27°38'23 | 5 ₹ 39 | 3°37 | 12°55 | 21°25 | 14° 2 | 17°31 | 23°52 | 21°14 | 6°44 | 10°13 | 10°45 | 18°42 | 3°41 | W19 |
| T 20 | 21 56 57 | 28°35'46 | 17°33 | 5°38 | 13°57 | 21°43 | 13°54 | 17°29 | 23°56 | 21°12 | 6°45 | 10°12 | 10°42 | 18°49 | 3°40 | T 20 |
| F 21 | 22 0 54 | 29°33'09 | 29°27 | 7°37 | 14°58 | 22° 2 | 13°47 | 17°26 | 24° 0 | 21°11 | 6°46 | 10°11 | 10°39 | 18°56 | 3°40 | F 21 |
| S 22 | 22 4 50 | 0 m 30'33 | 11 る 27 | 9°35 | 15°59 | 22°22 | 13°40 | 17°24 | 24° 3 | 21°10 | 6°47 | 10°10 | 10°35 | 19° 2 | 3°39 | S 22 |
| S 23 | 22 8 47 | 1°27'57 | 23°35 | 11°31 | 17° 0 | 22°42 | 13°32 | 17°22 | 24° 7 | 21° 9 | 6°48 | 10° 9 | 10°32 | 19° 9 | 3°38 | S 23 |
| M24 | 22 12 43 | 2°25'22 | 5≈54 | 13°25 | 18° 1 | 23° 3 | 13°25 | 17°19 | 24°11 | 21° 8 | 6°49 | 10° 8 | 10°29 | 19°16 | 3°37 | M24 |
| T 25 | 22 16 40 | 3°22'48 | 18°27 | 15°18 | 19° 1 | 23°24 | 13°17 | 17°17 | 24°14 | 21° 7 | 6°51 | 10° 7 | 10°26 | 19°23 | 3°36 | T 25 |
| W26 | 22 20 37 | 4°20'14 | 1) (14 | 17° 9 | 20° 1 | 23°46 | 13° 9 | 17°14 | 24°18 | 21° 6 | 6°52 | 10° 7 | 10°23 | 19°29 | 3°35 | W26 |
| T 27 | 22 24 33 | 5°17'41 | 14°17 | 18°59 | 21° 1 | 24° 8 | 13° 2 | 17°11 | 24°22 | 21° 4 | 6°53 | 10°D 7 | 10°19 | 19°36 | 3°34 | T 27 |
| F 28 | 22 28 30 | 6°15'09 | 27°34 | 20°47 | 22° 0 | 24°31 | 12°54 | 17° 8 | 24°25 | 21° 3 | 6°55 | 10° 7 | 10°16 | 19°43 | 3°33 | F 28 |
| S 29 | 22 32 26 | 7°12'38 | 11 ° 5 | 22°33 | 22°59 | 24°54 | 12°46 | 17° 5 | 24°29 | 21° 2 | 6°56 | 10° 7 | 10°13 | 19°49 | 3°31 | S 29 |
| S 30 | 22 36 23 | 8°10'08 | 24°49 | 24°18 | 23°57 | 25°18 | 12°39 | 17° 2 | 24°32 | 21° 1 | 6°58 | 10° 7 | 10°10 | 19°56 | 3°30 | S 30 |
| M31 | 22 40 19 | 9 m , 7'39 | 8 8 43 | 26M) 1 | 24 ♀ 55 | 25 ₹ 42 | 12 米 31 | 16 Y 59 | 24€36 | 21る 0 | 6 M 59 | 10 m) 7 | 10 m) 7 | 20 ∡ 3 | 3 8 29 | M31 |

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| T 1 | 22 44 16 | 10 m 5'11 | 22846 | 27 m 43 | 25 ♀ 53 | 26 √ 7 | 12°R23 | 16°R56 | 24 \O 40 | 21°R 0 | 7 M 1 | 10°R 7 | 10 Mp 4 | 20 × 10 | 3°R28 | T 1 |
| W 2 | 22 48 12 | 11° 2'45 | 6耳56 | 29°23 | 26°50 | 26°32 | 12) 15 | 16 Y 53 | 24°43 | 20 궁 59 | 7° 2 | 10°D 7 | 10° 0 | 20°16 | 3 8 26 | W 2 |
| T 3 | 22 52 9 | 12° 0'20 | 21°11 | 1 ♀ 2 | 27°47 | 26°57 | 12° 7 | 16°50 | 24°47 | 20°58 | 7° 4 | 10 m) 7 | 9°57 | 20°23 | 3°25 | T 3 |
| F 4 | 22 56 6 | 12°57'56 | 5927 | 2°39 | 28°43 | 27°23 | 11°59 | 16°46 | 24°50 | 20°57 | 7° 5 | 10° 8 | 9°54 | 20°30 | 3°23 | F 4 |
| S 5 | 23 0 2 | 13°55'34 | 19°42 | 4°14 | 29°39 | 27°49 | 11°52 | 16°43 | 24°54 | 20°56 | 7° 7 | 10° 8 | 9°51 | 20°36 | 3°22 | S 5 |
| S 6 | 23 3 59 | 14°53'13 | 3 Ω 53 | 5°48 | 0 M .34 | 28°16 | 11°44 | 16°40 | 24°57 | 20°55 | 7° 8 | 10° 8 | 9°48 | 20°43 | 3°20 | S 6 |
| M 7 | 23 7 55 | 15°50'54 | 17°57 | 7°21 | 1°29 | 28°43 | 11°36 | 16°36 | 25° 1 | 20°55 | 7°10 | 10° 9 | 9°44 | 20°50 | 3°19 | M 7 |
| T 8 | 23 11 52 | 16°48'36 | 1 m 49 | 8°51 | 2°24 | 29°11 | 11°28 | 16°32 | 25° 4 | 20°54 | 7°12 | 10° 9 | 9°41 | 20°57 | 3°17 | T 8 |
| W 9 | 23 15 48 | 17°46'18 | 15°29 | 10°21 | 3°18 | 29°39 | 11°20 | 16°29 | 25° 8 | 20°53 | 7°13 | 10°R 9 | 9°38 | 21° 3 | 3°16 | W 9 |
| T 10 | 23 19 45 | 18°44'02 | 28°52 | 11°49 | 4°11 | 0중 7 | 11°13 | 16°25 | 25°11 | 20°52 | 7°15 | 10° 9 | 9°35 | 21°10 | 3°14 | T 10 |
| F 11 | 23 23 41 | 19°41'48 | 11 ≏ 57 | 13°15 | 5° 4 | 0°36 | 11° 5 | 16°21 | 25°15 | 20°52 | 7°17 | 10° 8 | 9°32 | 21°17 | 3°12 | F 11 |
| S 12 | 23 27 38 | 20°39'34 | 24°46 | 14°39 | 5°56 | 1° 5 | 10°57 | 16°17 | 25°18 | 20°51 | 7°19 | 10° 7 | 9°29 | 21°23 | 3°10 | S 12 |
| S 13 | 23 31 35 | 21°37'22 | 7 ™ 17 | 16° 2 | 6°47 | 1°34 | 10°50 | 16°13 | 25°21 | 20°51 | 7°20 | 10° 5 | 9°25 | 21°30 | 3°8 | S 13 |
| M14 | 23 35 31 | 22°35'10 | 19°34 | 17°24 | 7°38 | 2° 4 | 10°42 | 16° 9 | 25°25 | 20°50 | 7°22 | 10° 3 | 9°22 | 21°37 | 3° 7 | M14 |
| T 15 | 23 39 28 | 23°33'00 | 1 ₹ 39 | 18°44 | 8°29 | 2°34 | 10°35 | 16° 5 | 25°28 | 20°49 | 7°24 | 10° 2 | 9°19 | 21°44 | 3° 5 | T 15 |
| W16 | 23 43 24 | 24°30'51 | 13°35 | 20° 2 | 9°18 | 3° 4 | 10°27 | 16° 1 | 25°31 | 20°49 | 7°26 | 10° 1 | 9°16 | 21°50 | 3° 3 | W16 |
| T 17 | 23 47 21 | 25°28'43 | 25°29 | 21°18 | 10° 7 | 3°35 | 10°20 | 15°57 | 25°35 | 20°48 | 7°28 | 10°D 1 | 9°13 | 21°57 | 3° 1 | T 17 |
| F 18 | 23 51 17 | 26°26'36 | 7 궁 23 | 22°32 | 10°55 | 4° 6 | 10°13 | 15°53 | 25°38 | 20°48 | 7°30 | 10° 1 | 9°10 | 22° 4 | 2°59 | F 18 |
| S 19 | 23 55 14 | 27°24'31 | 19°23 | 23°45 | 11°43 | 4°38 | 10° 5 | 15°49 | 25°41 | 20°48 | 7°31 | 10° 2 | 9° 6 | 22°10 | 2°57 | S 19 |
| S 20 | 23 59 10 | 28°22'26 | 1≈32 | 24°55 | 12°29 | 5° 9 | 9°58 | 15°45 | 25°45 | 20°47 | 7°33 | 10° 3 | 9° 3 | 22°17 | 2°55 | S 20 |
| M21 | 0 3 7 | 29°20'23 | 13°56 | 26° 4 | 13°15 | 5°41 | 9°51 | 15°40 | 25°48 | 20°47 | 7°35 | 10° 5 | 9° 0 | 22°24 | 2°53 | M21 |
| T 22 | 0 7 3 | 0 ჲ 18'21 | 26°38 | 27°10 | 14° 0 | 6°14 | 9°44 | 15°36 | 25°51 | 20°46 | 7°37 | 10° 6 | 8°57 | 22°31 | 2°50 | T 22 |
| W23 | 0 11 0 | 1°16'20 | 9 ∺ 38 | 28°14 | 14°44 | 6°46 | 9°38 | 15°32 | 25°54 | 20°46 | 7°39 | 10°R 7 | 8°54 | 22°37 | 2°48 | W23 |
| T 24 | 0 14 57 | 2°14'21 | 23° 0 | 29°16 | 15°26 | 7°19 | 9°31 | 15°27 | 25°57 | 20°46 | 7°41 | 10° 6 | 8°50 | 22°44 | 2°46 | T 24 |
| F 25 | 0 18 53 | 3°12'23 | 6 Υ 41 | 0 M _15 | 16° 8 | 7°52 | 9°24 | 15°23 | 26° 0 | 20°46 | 7°43 | 10° 5 | 8°47 | 22°51 | 2°44 | F 25 |
| S 26 | 0 22 50 | 4°10'26 | 20°39 | 1°12 | 16°49 | 8°26 | 9°18 | 15°18 | 26° 4 | 20°46 | 7°45 | 10° 2 | 8°44 | 22°58 | 2°41 | S 26 |
| S 27 | 0 26 46 | 5° 8'32 | 4 8 50 | 2° 5 | 17°29 | 8°59 | 9°11 | 15°14 | 26° 7 | 20°45 | 7°47 | 9°59 | 8°41 | 23° 4 | 2°39 | S 27 |
| M28 | 0 30 43 | 6° 6'39 | 19°11 | 2°56 | 18° 8 | 9°33 | 9° 5 | 15° 9 | 26°10 | 20°45 | 7°49 | 9°55 | 8°38 | 23°11 | 2°37 | M28 |
| T 29 | 0 34 39 | 7° 4'48 | 3 Ⅲ 35 | 3°44 | 18°46 | 1 <u>0</u> ° 8 | 8°59 | 15° 5 | 26°13 | 20°45 | 7°52 | 9°52 | 8°35 | 23°18 | 2°34 | T 29 |
| W30 | 0 38 36 | 8 요 2'59 | 17 Ⅱ 57 | 4ML28 | 19 M 22 | 10 る 42 | 8 ∺ 53 | 15 Y 0 | 26 Ω 16 | 20 궁 45 | 7 M 54 | 9 m /49 | 8 m 31 | 23 × 24 | 2 8 32 | W30 |

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| Day | Sid.t | \odot | D | ğ | φ | ď | 4 | ħ |)∤(| ¥ | Р | r | Ω | Ç | ç | Day |
|------|---------|------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|---------------|------|
| T 1 | 0 42 32 | 9 ₾ 1'12 | 29915 | 5M 8 | 19 M .58 | 11 る 17 | 8°R47 | 14°R56 | 26 Ω 19 | 20°R45 | 7 M .56 | 9°R48 | 8 Mp 28 | 23 × 31 | 2°R30 | T 1 |
| F 2 | 0 46 29 | 9°59'27 | 16°24 | 5°45 | 20°32 | 11°52 | 8) (42 | 14 Y 51 | 26°21 | 20°D45 | 7°58 | 9°D48 | 8°25 | 23°38 | 2 8 27 | F 2 |
| S 3 | 0 50 26 | 10°57'44 | 0 Ω 24 | 6°17 | 21° 5 | 12°27 | 8°36 | 14°47 | 26°24 | 20 궁 45 | 8° 0 | 9 m 49 | 8°22 | 23°45 | 2°25 | S 3 |
| S 4 | 0 54 22 | 11°56'03 | 14°13 | 6°45 | 21°36 | 13° 3 | 8°31 | 14°42 | 26°27 | 20°45 | 8° 2 | 9°50 | 8°19 | 23°51 | 2°22 | S 4 |
| M 5 | 0 58 19 | 12°54'23 | 27°52 | 7° 8 | 22° 6 | 13°38 | 8°26 | 14°38 | 26°30 | 20°45 | 8° 4 | 9°52 | 8°16 | 23°58 | 2°20 | M 5 |
| T 6 | 1 2 15 | 13°52'46 | 11 M p18 | 7°26 | 22°34 | 14°14 | 8°21 | 14°33 | 26°33 | 20°45 | 8° 7 | 9°R52 | 8°12 | 24° 5 | 2°17 | T 6 |
| W 7 | 1 6 12 | 14°51'11 | 24°33 | 7°38 | 23° 1 | 14°50 | 8°16 | 14°28 | 26°35 | 20°46 | 8° 9 | 9°51 | 8° 9 | 24°11 | 2°15 | W 7 |
| T 8 | 1 10 8 | 15°49'37 | 7 ≏ 35 | 7°45 | 23°27 | 15°27 | 8°11 | 14°24 | 26°38 | 20°46 | 8°11 | 9°48 | 8° 6 | 24°18 | 2°12 | T 8 |
| F 9 | 1 14 5 | 16°48'05 | 20°25 | 7°R45 | 23°50 | 16° 4 | 8° 6 | 14°19 | 26°41 | 20°46 | 8°13 | 9°44 | 8° 3 | 24°25 | 2°10 | F 9 |
| S 10 | 1 18 1 | 17°46'35 | 3 M 1 | 7°39 | 24°12 | 16°40 | 8° 2 | 14°15 | 26°43 | 20°46 | 8°16 | 9°38 | 8° 0 | 24°32 | 2° 7 | S 10 |
| S 11 | 1 21 58 | 18°45'07 | 15°25 | 7°26 | 24°32 | 17°17 | 7°58 | 14°10 | 26°46 | 20°46 | 8°18 | 9°31 | 7°56 | 24°38 | 2° 4 | S 11 |
| M12 | 1 25 54 | 19°43'41 | 27°37 | 7° 7 | 24°51 | 17°55 | 7°54 | 14° 5 | 26°49 | 20°47 | 8°20 | 9°24 | 7°53 | 24°45 | 2° 2 | M12 |
| T 13 | 1 29 51 | 20°42'16 | 9 ,₹ 39 | 6°40 | 25° 7 | 18°32 | 7°50 | 14° 1 | 26°51 | 20°47 | 8°22 | 9°17 | 7°50 | 24°52 | 1°59 | T 13 |
| W14 | 1 33 48 | 21°40'53 | 21°35 | 6° 6 | 25°22 | 19°10 | 7°46 | 13°56 | 26°54 | 20°48 | 8°25 | 9°11 | 7°47 | 24°58 | 1°57 | W14 |
| T 15 | 1 37 44 | 22°39'31 | 3 ප 26 | 5°25 | 25°34 | 19°48 | 7°42 | 13°52 | 26°56 | 20°48 | 8°27 | 9° 7 | 7°44 | 25° 5 | 1°54 | T 15 |
| F 16 | 1 41 41 | 23°38'12 | 15°18 | 4°38 | 25°45 | 20°26 | 7°39 | 13°47 | 26°58 | 20°48 | 8°29 | 9° 5 | 7°41 | 25°12 | 1°51 | F 16 |
| S 17 | 1 45 37 | 24°36'53 | 27°16 | 3°45 | 25°53 | 21° 4 | 7°36 | 13°43 | 27° 1 | 20°49 | 8°32 | 9°D 5 | 7°37 | 25°19 | 1°49 | S 17 |
| S 18 | 1 49 34 | 25°35'37 | 9≈23 | 2°46 | 25°59 | 21°43 | 7°33 | 13°38 | 27° 3 | 20°49 | 8°34 | 9° 6 | 7°34 | 25°25 | 1°46 | S 18 |
| M19 | 1 53 30 | 26°34'22 | 21°46 | 1°43 | 26° 3 | 22°21 | 7°30 | 13°34 | 27° 5 | 20°50 | 8°36 | 9° 7 | 7°31 | 25°32 | 1°43 | M19 |
| T 20 | 1 57 27 | 27°33'08 | 4 ∺ 29 | 0°37 | 26°R 4 | 23° 0 | 7°28 | 13°30 | 27° 8 | 20°51 | 8°39 | 9°R 8 | 7°28 | 25°39 | 1°40 | T 20 |
| W21 | 2 1 23 | 28°31'56 | 17°35 | 29 ₾ 30 | 26° 3 | 23°39 | 7°25 | 13°25 | 27°10 | 20°51 | 8°41 | 9° 8 | 7°25 | 25°45 | 1°38 | W21 |
| T 22 | 2 5 20 | 29°30'46 | 1 ℃ 7 | 28°23 | 26° 0 | 24°18 | 7°23 | 13°21 | 27°12 | 20°52 | 8°43 | 9° 6 | 7°21 | 25°52 | 1°35 | T 22 |
| F 23 | 2 9 17 | 0 M 29'38 | 15° 5 | 27°18 | 25°54 | 24°57 | 7°21 | 13°17 | 27°14 | 20°53 | 8°46 | 9° 1 | 7°18 | 25°59 | 1°32 | F 23 |
| S 24 | 2 13 13 | 1°28'31 | 29°25 | 26°17 | 25°46 | 25°37 | 7°19 | 13°12 | 27°16 | 20°53 | 8°48 | 8°55 | 7°15 | 26° 6 | 1°30 | S 24 |
| S 25 | 2 17 10 | 2°27'27 | 148 3 | 25°21 | 25°36 | 26°16 | 7°18 | 13° 8 | 27°18 | 20°54 | 8°50 | 8°47 | 7°12 | 26°12 | 1°27 | S 25 |
| M26 | 2 21 6 | 3°26'24 | 28°52 | 24°32 | 25°23 | 26°56 | 7°16 | 13° 4 | 27°20 | 20°55 | 8°53 | 8°38 | 7° 9 | 26°19 | 1°24 | M26 |
| T 27 | 2 25 3 | 4°25'24 | 13 Ⅱ 42 | 23°52 | 25° 8 | 27°36 | 7°15 | 13° 0 | 27°22 | 20°56 | 8°55 | 8°30 | 7° 6 | 26°26 | 1°22 | T 27 |
| W28 | 2 28 59 | 5°24'26 | 28°26 | 23°20 | 24°50 | 28°16 | 7°14 | 12°56 | 27°24 | 20°56 | 8°57 | 8°24 | 7° 2 | 26°32 | 1°19 | W28 |
| T 29 | 2 32 56 | 6°23'30 | 12958 | 22°59 | 24°30 | 28°56 | 7°13 | 12°52 | 27°26 | 20°57 | 9° 0 | 8°19 | 6°59 | 26°39 | 1°16 | T 29 |
| F 30 | 2 36 52 | 7°22'36 | 27°12 | 22°D49 | 24° 8 | 29°37 | 7°12 | 12°48 | 27°28 | 20°58 | 9° 2 | 8°17 | 6°56 | 26°46 | 1°13 | F 30 |
| S 31 | 2 40 49 | 8 M 21'45 | 11 0 9 | 22 _4 9 | 23 M 44 | 0≈17 | 7 ∺ 12 | 12 Y 44 | 27 N 29 | 20 궁 59 | 9 M 5 | 8°D17 | 6 m 53 | 26 × 3 | 1811 | S 31 |

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|------|---------|------------------|-----------------|---------------|----------------|-------|---------------|----------------|-----------------|----------------|-----------------|----------------|---------------|-----------------|----------------|------|
| S 1 | 2 44 46 | 9M20'56 | 24 Ω 47 | 23 ♀ 0 | 23°R17 | 0≈58 | 7°R12 | 12°R40 | 27 £ 31 | 21る 0 | 9 ™ 7 | 8 m)17 | 6 m 50 | 26 × 359 | 1°R 8 | S 1 |
| M 2 | 2 48 42 | 10°20'09 | 8 m) 8 | 23°21 | 22 M 49 | 1°39 | 7°D12 | 12 Y 36 | 27°33 | 21° 1 | 9° 9 | 8°R18 | 6°47 | 27° 6 | 1 8 5 | M 2 |
| T 3 | 2 52 39 | 11°19'24 | 21°15 | 23°52 | 22°19 | 2°20 | 7) 12 | 12°32 | 27°34 | 21° 2 | 9°12 | 8°17 | 6°43 | 27°13 | 1° 3 | T 3 |
| W 4 | 2 56 35 | 12°18'41 | 4 º 8 | 24°33 | 21°48 | 3° 1 | 7°12 | 12°29 | 27°36 | 21° 3 | 9°14 | 8°14 | 6°40 | 27°19 | 1° 0 | W 4 |
| T 5 | 3 0 32 | 13°18'00 | 16°50 | 25°21 | 21°15 | 3°42 | 7°13 | 12°25 | 27°37 | 21° 4 | 9°16 | 8° 8 | 6°37 | 27°26 | 0°58 | T 5 |
| F 6 | 3 4 28 | 14°17'22 | 29°22 | 26°18 | 20°41 | 4°23 | 7°14 | 12°22 | 27°39 | 21° 5 | 9°19 | 8° 0 | 6°34 | 27°33 | 0°55 | F 6 |
| S 7 | 3 8 25 | 15°16'46 | 11 M .44 | 27°21 | 20° 6 | 5° 5 | 7°15 | 12°18 | 27°40 | 21° 7 | 9°21 | 7°49 | 6°31 | 27°40 | 0°52 | S 7 |
| S 8 | 3 12 21 | 16°16'11 | 23°57 | 28°31 | 19°30 | 5°46 | 7°16 | 12°15 | 27°42 | 21° 8 | 9°24 | 7°36 | 6°27 | 27°46 | 0°50 | S 8 |
| M 9 | 3 16 18 | 17°15'39 | 6 ≯ 2 | 29°46 | 18°54 | 6°28 | 7°17 | 12°11 | 27°43 | 21° 9 | 9°26 | 7°23 | 6°24 | 27°53 | 0°47 | M 9 |
| T 10 | 3 20 15 | 18°15'08 | 18° 0 | 1 M 6 | 18°17 | 7°10 | 7°19 | 12° 8 | 27°44 | 21°10 | 9°28 | 7°10 | 6°21 | 28° 0 | 0°45 | T 10 |
| W11 | 3 24 11 | 19°14'40 | 2 <u>9</u> °52 | 2°30 | 17°41 | 7°52 | 7°20 | 12° 5 | 27°45 | 21°12 | 9°31 | 6°59 | 6°18 | 28° 6 | 0°42 | W11 |
| T 12 | 3 28 8 | 20°14'13 | 11 ろ 42 | 3°57 | 17° 4 | 8°34 | 7°22 | 12° 2 | 27°46 | 21°13 | 9°33 | 6°51 | 6°15 | 28°13 | 0°40 | T 12 |
| F 13 | 3 32 4 | 21°13'48 | 23°32 | 5°27 | 16°28 | 9°16 | 7°25 | 11°59 | 27°48 | 21°14 | 9°35 | 6°45 | 6°12 | 28°20 | 0°37 | F 13 |
| S 14 | 3 36 1 | 22°13'24 | 5≈26 | 6°59 | 15°53 | 9°58 | 7°27 | 11°56 | 27°49 | 21°16 | 9°38 | 6°41 | 6° 8 | 28°27 | 0°35 | S 14 |
| S 15 | 3 39 57 | 23°13'02 | 17°30 | 8°33 | 15°18 | 10°41 | 7°29 | 11°53 | 27°50 | 21°17 | 9°40 | 6°40 | 6° 5 | 28°33 | 0°32 | S 15 |
| M16 | 3 43 54 | 24°12'42 | 29°49 | 10° 9 | 14°44 | 11°23 | 7°32 | 11°50 | 27°51 | 21°18 | 9°42 | 6°40 | 6° 2 | 28°40 | 0°30 | M16 |
| T 17 | 3 47 50 | 25°12'23 | 12) 27 | 11°46 | 14°12 | 12° 6 | 7°35 | 11°47 | 27°51 | 21°20 | 9°45 | 6°40 | 5°59 | 28°47 | 0°27 | T 17 |
| W18 | 3 51 47 | 26°12'06 | 25°30 | 13°24 | 13°42 | 12°49 | 7°38 | 11°45 | 27°52 | 21°21 | 9°47 | 6°39 | 5°56 | 28°53 | 0°25 | W18 |
| T 19 | 3 55 44 | 27°11'51 | 9 Υ 1 | 15° 2 | 13°13 | 13°31 | 7°42 | 11°42 | 27°53 | 21°23 | 9°49 | 6°36 | 5°53 | 29° 0 | 0°23 | T 19 |
| F 20 | 3 59 40 | 28°11'37 | 23° 3 | 16°41 | 12°46 | 14°14 | 7°45 | 11°40 | 27°54 | 21°24 | 9°51 | 6°30 | 5°49 | 29° 7 | 0°20 | F 20 |
| S 21 | 4 3 37 | 29°11'25 | 7 8 32 | 18°20 | 12°21 | 14°57 | 7°49 | 11°38 | 27°54 | 21°26 | 9°54 | 6°21 | 5°46 | 29°14 | 0°18 | S 21 |
| S 22 | 4 7 33 | 0 √ 11'15 | 22°25 | 20° 0 | 11°58 | 15°40 | 7°53 | 11°35 | 27°55 | 21°27 | 9°56 | 6°11 | 5°43 | 29°20 | 0°16 | S 22 |
| M23 | 4 11 30 | 1°11'07 | 7 Ⅲ 34 | 21°39 | 11°37 | 16°24 | 7°57 | 11°33 | 27°56 | 21°29 | 9°58 | 5°59 | 5°40 | 29°27 | 0°13 | M23 |
| T 24 | 4 15 26 | 2°11'00 | 22°47 | 23°19 | 11°19 | 17° 7 | 8° 1 | 11°31 | 27°56 | 21°30 | 10° 1 | 5°48 | 5°37 | 29°34 | 0°11 | T 24 |
| W25 | 4 19 23 | 3°10'56 | 7 9 54 | 24°58 | 11° 3 | 17°50 | 8° 5 | 11°29 | 27°56 | 21°32 | 10° 3 | 5°39 | 5°33 | 29°40 | 0° 9 | W25 |
| T 26 | 4 23 19 | 4°10'53 | 22°45 | 26°37 | 10°49 | 18°34 | 8°10 | 11°27 | 27°57 | 21°34 | 10° 5 | 5°32 | 5°30 | 29°47 | 0° 7 | T 26 |
| F 27 | 4 27 16 | 5°10'53 | 7 Ω 15 | 28°16 | 10°38 | 19°17 | 8°15 | 11°25 | 27°57 | 21°35 | 10° 7 | 5°28 | 5°27 | 29°54 | 0° 5 | F 27 |
| S 28 | 4 31 13 | 6°10'55 | 21°19 | 29°55 | 10°30 | 20° 1 | 8°20 | 11°24 | 27°57 | 21°37 | 10° 9 | 5°26 | 5°24 | 0ਰ 1 | 0° 3 | S 28 |
| S 29 | 4 35 9 | 7°10'58 | 4 Mp 59 | 1 ∡ 33 | 10°24 | 20°44 | 8°25 | 11°22 | 27°58 | 21°39 | 10°12 | 5°26 | 5°21 | 0° 7 | 0° 1 | S 29 |
| M30 | 4 39 6 | 8 √ 11′04 | 18 M)16 | 3 ∡ 11 | 10M20 | 21≈28 | 8 ∺ 30 | 11 Υ 21 | 27 \O 58 | 21 궁 41 | 10 M .14 | 5 m 25 | 5 m 18 | 0 궁 14 | 29 Y 59 | M30 |

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|------|---------|-------------------|----------------|----------------|--------|------------------|------------------|----------------|----------------|----------------|-----------------|---------------|-----------------|---------------|----------------|------|
| T 1 | 4 43 2 | 9 .7 11'12 | 1 ≏ 13 | 4 √ 49 | 10°D19 | 22≈12 | 8) (36 | 11°R19 | 27 Ω 58 | 21 궁 42 | 10 M .16 | 5°R24 | 5 m) 14 | 0 ට 21 | 29°R57 | T 1 |
| W 2 | 4 46 59 | 10°11'21 | 13°54 | 6°27 | 10ML20 | 22°56 | 8°41 | 11 Y 18 | 27°58 | 21°44 | 10°18 | 5 Mp 21 | 5°11 | 0°27 | 29 Y 55 | W 2 |
| T 3 | 4 50 55 | 11°11'33 | 26°21 | 8° 4 | 10°24 | 23°40 | 8°47 | 11°17 | 27°R58 | 21°46 | 10°20 | 5°14 | 5° 8 | 0°34 | 29°53 | T 3 |
| F 4 | 4 54 52 | 12°11'47 | 8 M .39 | 9°41 | 10°30 | 24°24 | 8°53 | 11°16 | 27°58 | 21°48 | 10°22 | 5° 5 | 5° 5 | 0°41 | 29°51 | F 4 |
| S 5 | 4 58 48 | 13°12'02 | 20°48 | 11°17 | 10°38 | 25° 8 | 9° 0 | 11°15 | 27°58 | 21°50 | 10°24 | 4°52 | 5° 2 | 0°47 | 29°49 | S 5 |
| S 6 | 5 2 45 | 14°12'19 | 2 ₹ 51 | 12°53 | 10°49 | 25°52 | 9° 6 | 11°14 | 27°58 | 21°52 | 10°26 | 4°38 | 4°59 | 0°54 | 29°48 | S 6 |
| M 7 | 5 6 42 | 15°12'38 | 14°48 | 14°29 | 11° 2 | 26°36 | 9°12 | 11°13 | 27°58 | 21°53 | 10°28 | 4°24 | 4°55 | 1° 1 | 29°46 | M 7 |
| T 8 | 5 10 38 | 16°12'59 | 26°42 | 16° 5 | 11°17 | 27°20 | 9°19 | 11°12 | 27°57 | 21°55 | 10°31 | 4°10 | 4°52 | 1° 8 | 29°44 | T 8 |
| W 9 | 5 14 35 | 17°13'21 | 8 궁 32 | 17°40 | 11°34 | 28° 5 | 9°26 | 11°12 | 27°57 | 21°57 | 10°33 | 3°57 | 4°49 | 1°14 | 29°43 | W 9 |
| T 10 | 5 18 31 | 18°13'44 | 20°22 | 19°15 | 11°52 | 28°49 | 9°33 | 11°11 | 27°57 | 21°59 | 10°35 | 3°47 | 4°46 | 1°21 | 29°41 | T 10 |
| F 11 | 5 22 28 | 19°14'09 | 2≈13 | 20°50 | 12°13 | 29°34 | 9°40 | 11°11 | 27°56 | 22° 1 | 10°36 | 3°40 | 4°43 | 1°28 | 29°39 | F 11 |
| S 12 | 5 26 24 | 20°14'36 | 14° 8 | 22°25 | 12°36 | 0 ∺ 18 | 9°47 | 11°10 | 27°56 | 22° 3 | 10°38 | 3°36 | 4°39 | 1°34 | 29°38 | S 12 |
| S 13 | 5 30 21 | 21°15'03 | 26°11 | 23°59 | 13° 1 | 1° 3 | 9°55 | 11°10 | 27°55 | 22° 5 | 10°40 | 3°34 | 4°36 | 1°41 | 29°36 | S 13 |
| M14 | 5 34 17 | 22°15'32 | 8 ∺ 27 | 25°33 | 13°27 | 1°47 | 10° 3 | 11°D10 | 27°55 | 22° 7 | 10°42 | 3°D34 | 4°33 | 1°48 | 29°35 | M14 |
| T 15 | 5 38 14 | 23°16'02 | 21° 1 | 27° 7 | 13°55 | 2°32 | 10°10 | 11°10 | 27°54 | 22° 9 | 10°44 | 3°R34 | 4°30 | 1°55 | 29°34 | T 15 |
| W16 | 5 42 11 | 24°16'33 | 3 Ƴ 57 | 28°41 | 14°25 | 3°17 | 10°18 | 11°10 | 27°53 | 22°11 | 10°46 | 3°34 | 4°27 | 2° 1 | 29°32 | W16 |
| T 17 | 5 46 7 | 25°17'05 | 17°20 | 0 궁 15 | 14°56 | 4° 1 | 10°26 | 11°11 | 27°52 | 22°13 | 10°48 | 3°32 | 4°24 | 2° 8 | 29°31 | T 17 |
| F 18 | 5 50 4 | 26°17'39 | 1813 | 1°48 | 15°28 | 4°46 | 10°35 | 11°11 | 27°52 | 22°15 | 10°50 | 3°27 | 4°20 | 2°15 | 29°30 | F 18 |
| S 19 | 5 54 0 | 27°18'13 | 15°36 | 3°22 | 16° 3 | 5°31 | 10°43 | 11°12 | 27°51 | 22°17 | 10°52 | 3°20 | 4°17 | 2°21 | 29°29 | S 19 |
| S 20 | 5 57 57 | 28°18'49 | 0Д26 | 4°55 | 16°38 | 6°16 | 10°51 | 11°12 | 27°50 | 22°20 | 10°53 | 3°11 | 4°14 | 2°28 | 29°28 | S 20 |
| M21 | 6 1 53 | 29°19'26 | 15°37 | 6°28 | 17°15 | 7° 1 | 11° 0 | 11°13 | 27°49 | 22°22 | 10°55 | 3° 1 | 4°11 | 2°35 | 29°27 | M21 |
| T 22 | 6 5 50 | 0 පි 20'04 | 0 9 58 | 8° 1 | 17°53 | 7°46 | 11° 9 | 11°14 | 27°48 | 22°24 | 10°57 | 2°52 | 4° 8 | 2°42 | 29°26 | T 22 |
| W23 | 6 9 46 | 1°20'43 | 16°17 | 9°34 | 18°33 | 8°31 | 11°18 | 11°15 | 27°47 | 22°26 | 10°58 | 2°43 | 4° 5 | 2°48 | 29°25 | W23 |
| T 24 | 6 13 43 | 2°21'24 | 1Ω 24 | 11° 7 | 19°14 | 9°16 | 11°27 | 11°16 | 27°46 | 22°28 | 11° 0 | 2°37 | 4° 1 | 2°55 | 29°24 | T 24 |
| F 25 | 6 17 40 | 3°22'06 | 16° 9 | 12°40 | 19°55 | 10° 1 | 11°36 | 11°17 | 27°45 | 22°30 | 11° 2 | 2°34 | 3°58 | 3° 2 | 29°23 | F 25 |
| S 26 | 6 21 36 | 4°22'50 | 0 m)29 | 14°13 | 20°38 | 10°46 | 11°45 | 11°18 | 27°43 | 22°32 | 11° 3 | 2°D33 | 3°55 | 3° 8 | 29°22 | S 26 |
| S 27 | 6 25 33 | 5°23'34 | 14°19 | 15°45 | 21°23 | 11°31 | 11°55 | 11°19 | 27°42 | 22°35 | 11° 5 | 2°33 | 3°52 | 3°15 | 29°21 | S 27 |
| M28 | 6 29 29 | 6°24'20 | 27°43 | 17°18 | 22° 8 | 12°16 | 12° 4 | 11°21 | 27°41 | 22°37 | 11° 7 | 2°34 | 3°49 | 3°22 | 29°21 | M28 |
| T 29 | 6 33 26 | 7°25'08 | 10 ≏ 42 | 18°50 | 22°54 | 13° 1 | 12°14 | 11°22 | 27°39 | 22°39 | 11° 8 | 2°R34 | 3°45 | 3°28 | 29°20 | T 29 |
| W30 | 6 37 22 | 8°25'57 | 23°20 | 20°23 | 23°41 | 13°47 | 12°24 | 11°24 | 27°38 | 22°41 | 11°10 | 2°33 | 3°42 | 3°35 | 29°19 | W30 |
| T 31 | 6 41 19 | 9 궁 26'47 | 5 M 42 | 21 궁 55 | 24M29 | 14) (32 | 12) (34 | 11 Y 25 | 27 Ω 37 | 22 중 43 | 11 M .11 | 2 m 29 | 3 m 39 | 3 ⋜ 42 | 29 Υ 19 | T 31 |

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|-------------|--------------------|---------------------|------------------------|----------------|-----------------|------------------------|------------------|----------------|----------------|----------------|-----------------|----------------|--------------|---------------|----------------|-------------|
| F 1 | 6 45 16 | 10る27'38 | 17 M 52 | 23중27 | 25 M 18 | 15) 17 | 12) (44 | 11 Y 27 | 27°R35 | 22 궁 46 | 11 M .13 | 2°R23 | 3 Mp 36 | 3 石 49 | 29°R18 | F 1 |
| S 2 | 6 49 12 | 11°28'31 | 29°54 | 24°59 | 26° 8 | 16° 2 | 12°54 | 11°29 | 27 Ω 34 | 22°48 | 11°14 | 2 Mp 15 | 3°33 | 3°55 | 29 Υ 18 | S 2 |
| S 3 | 6 53 9 | 12°29'25 | 11 ~ 149 | 26°30 | 26°58 | 16°48 | 13° 5 | 11°31 | 27°32 | 22°50 | 11°15 | 2° 6 | 3°30 | 4° 2 | 29°18 | S 3 |
| M 4 | 6 57 5 | 13°30'20 | 23°41 | 28° 1 | 27°49 | 17°33 | 13°15 | 11°33 | 27°30 | 22°52 | 11°17 | 1°56 | 3°26 | 4° 9 | 29°17 | M 4 |
| T 5 | 7 1 2 | 14°31'15 | 5 云 32 | 29°32 | 28°42 | 18°18 | 13°26 | 11°36 | 27°29 | 22°55 | 11°18 | 1°46 | 3°23 | 4°15 | 29°17 | T 5 |
| W 6 | 7 4 58 | 15°32'12 | 17°23 | 1≈ 3 | 29°34 | 19° 4 | 13°36 | 11°38 | 27°27 | 22°57 | 11°19 | 1°37 | 3°20 | 4°22 | 29°17 | W 6 |
| T 7 | 7 8 55 | 16°33'09 | 29°16 | 2°32 | 0 ≯ 28 | 19°49 | 13°47 | 11°40 | 27°25 | 22°59 | 11°21 | 1°31 | 3°17 | 4°29 | 29°17 | T 7 |
| F 8 | 7 12 51 | 17°34'08 | 11≈13 | 4° 2 | 1°22 | 20°35 | 13°58 | 11°43 | 27°23 | 23° 1 | 11°22 | 1°26 | 3°14 | 4°35 | 29°17 | F 8 |
| S 9 | 7 16 48 | 18°35'06 | 23°15 | 5°30 | 2°17 | 21°20 | 14° 9 | 11°46 | 27°22 | 23° 4 | 11°23 | 1°24 | 3°11 | 4°42 | 29°D17 | S 9 |
| S 10 | 7 20 45 | 19°36'06 | 5 ₩ 25 | 6°57 | 3°12 | 22° 5 | 14°20 | 11°48 | 27°20 | 23° 6 | 11°24 | 1°D24 | 3° 7 | 4°49 | 29°17 | S 10 |
| M11 | 7 24 41 | 20°37'05 | 17°46 | 8°23 | 4° 8 | 22°51 | 14°31 | 11°51 | 27°18 | 23° 8 | 11°26 | 1°25 | 3° 4 | 4°56 | 29°17 | M11 |
| T 12 | 7 28 38 | 21°38'05 | 0 Υ 22 | 9°47 | 5° 5 | 23°36 | 14°42 | 11°54 | 27°16 | 23°10 | 11°27 | 1°26 | 3° 1 | 5° 2 | 29°17 | T 12 |
| W13 | 7 32 34 | 22°39'06 | 13°17 | 11°10 | 6° 2 | 24°22 | 14°54 | 11°57 | 27°14 | 23°13 | 11°28 | 1°28 | 2°58 | 5° 9 | 29°17 | W13 |
| T 14 | 7 36 31 | 23°40'06 | 26°34 | 12°31 | 7° 0 | 25° 7 | 15° 5 | 12° 0 | 27°12 | 23°15 | 11°29 | 1°R28 | 2°55 | 5°16 | 29°17 | T 14 |
| F 15 | 7 40 27 | 24°41'07 | 10816 | 13°49 15° 5 | 7°58 8°57 | 25°53 | 15°17 | 12° 4 12° 7 | 27°10 | 23°17 23°19 | 11°30 | 1°27 | 2°51 | 5°22 | 29°17 | F 15 |
| S 16 | 7 44 24 | 25°42'08 | 24°24 | | | 26°38 | 15°29 | 12 , | 27° 8 | | 11°31 | 1°24 | 2°48 | 5°29 | 29°18 | S 16 |
| S 17 | 7 48 20 | 26°43'10 | 8耳57 | 16°17 | 9°56 | 27°24 | 15°40 | 12°10 | 27° 6 | 23°22 | 11°32 | 1°20 | 2°45 | 5°36 | 29°18 | S 17 |
| M18 | 7 52 17 | 27°44'11 | 23°51 | 17°25 | 10°55 | 28° 9 | 15°52 | 12°14 | 27° 3 | 23°24 | 11°33 | 1°15 | 2°42 | 5°42 | 29°19 | M18 |
| T 19 | 7 56 14 | 28°45'13 | 8959 | 18°29 | 11°55 | 28°55 | 16° 4 | 12°17 | 27° 1 | 23°26 | 11°34 | 1°10 | 2°39 | 5°49 | 29°19 | T 19 |
| W20 T 21 | 8 0 10 8 4 7 | 29°46'15 0≈47'17 | 24°11 9 Ω 17 | 19°27 20°20 | 12°56 13°57 | 29°40 0 ℃ 26 | 16°16 16°28 | 12°21 12°25 | 26°59 26°57 | 23°28 23°31 | 11°34 11°35 | 1° 6 1° 3 | 2°36 2°32 | 5°56 6° 3 | 29°20 29°20 | W20 T 21 |
| F 22 | 8 4 7 | 0≈4717 1°48'20 | 24° 9 | 20°20 21° 5 | 13°57 14°58 | 1°11 | 16°28 | 12°29 | 26°55 | 23°33 | 11°35 | 1°D 1 | 2°32 2°29 | 6° 9 | 29°20 29°21 | F 22 |
| S 23 | 8 12 0 | 2°49'23 | 8 mp 37 | 21°43 | 16° 0 | 1°57 | 16°53 | 12°33 | 26°52 | 23°35 | 11°37 | 1° 1 | 2°26 | 6°16 | 29°22 | S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 M25 | 8 15 56 8 19 53 | 3°50'26 4°51'29 | 22°39 6 Ω 14 | 22°12 22°32 | 17° 2 18° 4 | 2°42 3°28 | 17° 5 17°18 | 12°37 12°41 | 26°50 26°48 | 23°37 23°40 | 11°37 11°38 | 1° 2 1° 4 | 2°23 2°20 | 6°23 6°29 | 29°23 29°23 | S 24 M25 |
| T 26 | 8 19 53 | 5°52'33 | 19°21 | 22°R42 | 18° 4 | 3°28 4°13 | 17°18 | 12°41 | 26°48 26°45 | 23°40 23°42 | 11°38 | 1° 4 | 2°16 | 6°36 | 29°23 | T 26 |
| W27 | 8 27 46 | 6°53'38 | 2M 6 | 22°40 | 20°10 | 4°59 | 17°43 | 12°49 | 26°43 | 23°44 | 11°39 | 1°R 6 | 2°13 | 6°43 | 29°25 | W27 |
| T 28 | 8 31 43 | 7°54'43 | 14°30 | 22°27 | 21°14 | 5°44 | 17°55 | 12°53 | 26°40 | 23°46 | 11°40 | 1° 6 | 2°10 | 6°49 | 29°26 | T 28 |
| F 29 | 8 35 39 | 8°55'48 | 26°40 | 22° 1 | 22°18 | 6°29 | 18° 8 | 12°58 | 26°38 | 23°49 | 11°41 | 1° 5 | 2° 7 | 6°56 | 29°27 | F 29 |
| S 30 | 8 39 36 | 9°56'53 | 8 ₹ 39 | 21°24 | 23°22 | 7°15 | 18°21 | 13° 2 | 26°35 | 23°51 | 11°41 | 1° 3 | 2° 4 | 7° 3 | 29°28 | S 30 |
| S 31 | 8 43 32 | 10≈57'58 | 20 ∡ 32 | 20≈36 | 24 × 126 | 8 Ƴ 0 | 18 ¥ 34 | 13 ° 7 | 26€33 | 23중53 | 11 M .42 | 1 m) 0 | 2 Mp 1 | 7 云 10 | 29 Y 30 | S 31 |

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| M 1 | 8 47 29 | 11≈59'04 | 2 る 22 | 19°R38 | 25 × 31 | 8 Y 46 | 18) (47 | 13 Y 12 | 26°R31 | 23 궁 55 | 11 M 42 | 0°R57 | 1 m) 57 | 7 궁 16 | 29 Y 31 | M 1 |
| T 2 | 8 51 25 | 13° 0'10 | 14°12 | 18 ≈ 31 | 26°36 | 9°31 | 19° 0 | 13°17 | $26\Omega 28$ | 23°57 | 11°42 | 0 m 53 | 1°54 | 7°23 | 29°32 | T 2 |
| W 3 | 8 55 22 | 14° 1'16 | 26° 6 | 17°18 | 27°41 | 10°17 | 19°13 | 13°21 | 26°25 | 23°59 | 11°43 | 0°51 | 1°51 | 7°30 | 29°33 | W 3 |
| T 4 | 8 59 18 | 15° 2'21 | 8 ≈ 5 | 16° 0 | 28°47 | 11° 2 | 19°26 | 13°26 | 26°23 | 24° 2 | 11°43 | 0°49 | 1°48 | 7°36 | 29°35 | T 4 |
| F 5 | 9 3 15 | 16° 3'26 | 20°11 | 14°40 | 29°53 | 11°47 | 19°39 | 13°31 | 26°20 | 24° 4 | 11°43 | 0°47 | 1°45 | 7°43 | 29°36 | F 5 |
| S 6 | 9 7 12 | 17° 4'31 | 2) (26 | 13°21 | 0 궁 59 | 12°33 | 19°53 | 13°36 | 26°18 | 24° 6 | 11°44 | 0°D47 | 1°42 | 7°50 | 29°38 | S 6 |
| S 7 | 9 11 8 | 18° 5'36 | 14°51 | 12° 6 | 2° 5 | 13°18 | 20° 6 | 13°41 | 26°15 | 24° 8 | 11°44 | 0°48 | 1°38 | 7°56 | 29°39 | S 7 |
| M 8 | 9 15 5 | 19° 6'40 | 27°27 | 10°55 | 3°11 | 14° 3 | 20°19 | 13°47 | 26°13 | 24°10 | 11°44 | 0°48 | 1°35 | 8° 3 | 29°41 | M 8 |
| T 9 | 9 19 1 | 20° 7'43 | 10 Y 17 | 9°51 | 4°18 | 14°49 | 20°33 | 13°52 | 26°10 | 24°12 | 11°44 | 0°50 | 1°32 | 8°10 | 29°42 | T 9 |
| W10 | 9 22 58 | 21° 8'46 | 23°21 | 8°56 | 5°25 | 15°34 | 20°46 | 13°57 | 26° 7 | 24°14 | 11°44 | 0°51 | 1°29 | 8°17 | 29°44 | W10 |
| T 11 | 9 26 54 | 22° 9'48 | 6842 | 8° 9 | 6°32 | 16°19 | 21° 0 | 14° 3 | 26° 5 | 24°16 | 11°44 | 0°51 | 1°26 | 8°23 | 29°46 | T 11 |
| F 12 | 9 30 51 | 23°10'50 | 20°20 | 7°31 | 7°39 | 17° 5 | 21°14 | 14° 8 | 26° 2 | 24°18 | 11°R44 | 0°R51 | 1°22 | 8°30 | 29°47 | F 12 |
| S 13 | 9 34 47 | 24°11'50 | 4 Ⅱ 18 | 7° 3 | 8°46 | 17°50 | 21°27 | 14°14 | 26° 0 | 24°20 | 11°44 | 0°51 | 1°19 | 8°37 | 29°49 | S 13 |
| S 14 | 9 38 44 | 25°12'50 | 18°33 | 6°44 | 9°54 | 18°35 | 21°41 | 14°19 | 25°57 | 24°22 | 11°44 | 0°51 | 1°16 | 8°43 | 29°51 | S 14 |
| M15 | 9 42 41 | 26°13'49 | 3 95 3 | 6°34 | 11° 2 | 19°20 | 21°55 | 14°25 | 25°54 | 24°24 | 11°44 | 0°51 | 1°13 | 8°50 | 29°53 | M15 |
| T 16 | 9 46 37 | 27°14'47 | 17°45 | 6°D32 | 12°10 | 20° 5 | 22° 8 | 14°31 | 25°52 | 24°26 | 11°44 | 0°50 | 1°10 | 8°57 | 29°55 | T 16 |
| W17 | 9 50 34 | 28°15'44 | 2 Ω 33 | 6°39 | 13°18 | 20°51 | 22°22 | 14°36 | 25°49 | 24°28 | 11°44 | 0°50 | 1° 7 | 9° 3 | 29°57 | W17 |
| T 18 | 9 54 30 | 29°16'41 | 17°20 | 6°52 | 14°26 | 21°36 | 22°36 | 14°42 | 25°47 | 24°30 | 11°44 | 0°50 | 1° 3 | 9°10 | 29°59 | T 18 |
| F 19 | 9 58 27 | 0 ∺ 17'36 | 1 m 58 | 7°13 | 15°34 | 22°21 | 22°50 | 14°48 | 25°44 | 24°32 | 11°44 | 0°50 | 1° 0 | 9°17 | 0 8 1 | F 19 |
| S 20 | 10 2 23 | 1°18'31 | 16°21 | 7°39 | 16°43 | 23° 6 | 23° 4 | 14°54 | 25°41 | 24°34 | 11°43 | 0°50 | 0°57 | 9°23 | 0° 3 | S 20 |
| S 21 | 10 6 20 | 2°19'25 | 0 ჲ 24 | 8°11 | 17°52 | 23°51 | 23°18 | 15° 0 | 25°39 | 24°36 | 11°43 | 0°49 | 0°54 | 9°30 | 0° 5 | S 21 |
| M22 | 10 10 16 | 3°20'18 | 14° 3 | 8°49 | 19° 1 | 24°36 | 23°32 | 15° 6 | 25°36 | 24°38 | 11°43 | 0°49 | 0°51 | 9°37 | 0° 7 | M22 |
| T 23 | 10 14 13 | 4°21'10 | 27°18 | 9°31 | 20°10 | 25°21 | 23°46 | 15°12 | 25°34 | 24°40 | 11°42 | 0°49 | 0°48 | 9°44 | 0°10 | T 23 |
| W24 | 10 18 10 | 5°22'02 | 10 M 9 | 10°17 | 21°19 | 26° 6 | 24° 0 | 15°19 | 25°31 | 24°42 | 11°42 | 0°48 | 0°44 | 9°50 | 0°12 | W24 |
| T 25 | 10 22 6 | 6°22'53 | 22°39 | 11° 7 | 22°28 | 26°51 | 24°14 | 15°25 | 25°28 | 24°43 | 11°42 | 0°48 | 0°41 | 9°57 | 0°14 | T 25 |
| F 26 | 10 26 3 | 7°23'44 | 4 ₹ 53 | 12° 1 | 23°38 | 27°36 | 24°29 | 15°31 | 25°26 | 24°45 | 11°41 | 0°D48 | 0°38 | 10° 4 | 0°17 | F 26 |
| S 27 | 10 29 59 | 8°24'34 | 16°53 | 12°58 | 24°47 | 28°21 | 24°43 | 15°38 | 25°23 | 24°47 | 11°41 | 0°48 | 0°35 | 10°10 | 0°19 | S 27 |
| S 28 | 10 33 56 | 9₩25'23 | 28 × 746 | 13≈58 | 25 ප 57 | 29 Y 5 | 24 米 57 | 15 Ƴ 44 | 25 Ω 21 | 24 궁 49 | 11 M 40 | 0 m /48 | 0 m 32 | 10 ට 17 | 0822 | S 28 |

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| M 1 | 10 37 52 | 10) 26'11 | 10 궁 36 | 15≈ 0 | 27중 7 | 29 Y 50 | 25 米 11 | 15 Y 50 | 25°R18 | 24 궁 51 | 11°R39 | 0 m 49 | 0 Mp 28 | 10 궁 24 | 0 8 24 | M 1 |
| T 2 | 10 41 49 | 11°26'59 | 22°27 | 16° 5 | 28°17 | 0 8 35 | 25°26 | 15°57 | 25 Ω 16 | 24°52 | 11 M .39 | 0°50 | 0°25 | 10°30 | 0°27 | T 2 |
| W 3 | 10 45 45 | 12°27'45 | 4≈24 | 17°12 | 29°27 | 1°20 | 25°40 | 16° 3 | 25°13 | 24°54 | 11°38 | 0°51 | 0°22 | 10°37 | 0°29 | W 3 |
| T 4 | 10 49 42 | 13°28'31 | 16°29 | 18°22 | 0≈37 | 2° 4 | 25°54 | 16°10 | 25°11 | 24°56 | 11°38 | 0°52 | 0°19 | 10°44 | 0°32 | T 4 |
| F 5 | 10 53 39 | 14°29'15 | 28°46 | 19°33 | 1°47 | 2°49 | 26° 9 | 16°17 | 25° 8 | 24°57 | 11°37 | 0°R53 | 0°16 | 10°50 | 0°34 | F 5 |
| S 6 | 10 57 35 | 15°29'59 | 11 米 16 | 20°46 | 2°57 | 3°34 | 26°23 | 16°23 | 25° 6 | 24°59 | 11°36 | 0°53 | 0°13 | 10°57 | 0°37 | S 6 |
| S 7 | 11 132 | 16°30'41 | 24° 0 | 22° 1 | 4° 8 | 4°18 | 26°37 | 16°30 | 25° 4 | 25° 0 | 11°35 | 0°51 | 0° 9 | 11° 4 | 0°40 | S 7 |
| M 8 | 11 5 28 | 17°31'22 | 6 Ƴ 58 | 23°17 | 5°18 | 5° 3 | 26°52 | 16°37 | 25° 1 | 25° 2 | 11°35 | 0°50 | 0° 6 | 11°11 | 0°42 | M 8 |
| T 9 | 11 9 25 | 18°32'01 | 20°11 | 24°35 | 6°29 | 5°48 | 27° 6 | 16°43 | 24°59 | 25° 4 | 11°34 | 0°47 | 0° 3 | 11°17 | 0°45 | T 9 |
| W10 | 11 13 21 | 19°32'39 | 3 8 37 | 25°54 | 7°40 | 6°32 | 27°21 | 16°50 | 24°57 | 25° 5 | 11°33 | 0°44 | 29 \Omega 59 | 11°24 | 0°48 | W10 |
| T 11 | 11 17 18 | 20°33'15 | 17°15 | 27°15 | 8°50 | 7°17 | 27°35 | 16°57 | 24°54 | 25° 7 | 11°32 | 0°42 | 29°57 | 11°31 | 0°51 | T 11 |
| F 12 | 11 21 14 | 21°33'50 | 1 I I 4 | 28°37 | 10° 1 | 8° 1 | 27°50 | 17° 4 | 24°52 | 25° 8 | 11°31 | 0°40 | 29°53 | 11°37 | 0°54 | F 12 |
| S 13 | 11 25 11 | 22°34'23 | 15° 3 | 0 ∺ 0 | 11°12 | 8°46 | 28° 4 | 17°11 | 24°50 | 25° 9 | 11°30 | 0°39 | 29°50 | 11°44 | 0°57 | S 13 |
| S 14 | 11 29 7 | 23°34'55 | 29°10 | 1°24 | 12°23 | 9°30 | 28°19 | 17°18 | 24°48 | 25°11 | 11°29 | 0°D39 | 29°47 | 11°51 | 1° 0 | S 14 |
| M15 | 11 33 4 | 24°35'25 | 139523 | 2°50 | 13°34 | 10°14 | 28°33 | 17°25 | 24°45 | 25°12 | 11°28 | 0°39 | 29°44 | 11°57 | 1° 3 | M15 |
| T 16 | 11 37 1 | 25°35'53 | 27°40 | 4°17 | 14°45 | 10°59 | 28°48 | 17°32 | 24°43 | 25°14 | 11°27 | 0°41 | 29°41 | 12° 4 | 1° 6 | T 16 |
| W17 | 11 40 57 | 26°36'19 | 12 N 0 | 5°44 | 15°57 | 11°43 | 29° 2 | 17°39 | 24°41 | 25°15 | 11°26 | 0°42 | 29°38 | 12°11 | 1° 9 | W17 |
| T 18 | 11 44 54 | 27°36'43 | 26°18 | 7°13 | 17° 8 | 12°27 | 29°17 | 17°46 | 24°39 | 25°16 | 11°25 | 0°R43 | 29°34 | 12°17 | 1°12 | T 18 |
| F 19 | 11 48 50 | 28°37'06 | 10 M y30 | 8°43 | 18°19 | 13°11 | 29°31 | 17°53 | 24°37 | 25°17 | 11°24 | 0°43 | 29°31 | 12°24 | 1°15 | F 19 |
| S 20 | 11 52 47 | 29°37'27 | 24°32 | 10°14 | 19°31 | 13°55 | 29°46 | 18° 0 | 24°35 | 25°19 | 11°23 | 0°41 | 29°28 | 12°31 | 1°18 | S 20 |
| S 21 | 11 56 43 | 0 Υ 37'46 | 8 ₾ 20 | 11°46 | 20°42 | 14°40 | 0 Υ 0 | 18° 7 | 24°33 | 25°20 | 11°22 | 0°38 | 29°25 | 12°37 | 1°21 | S 21 |
| M22 | 12 0 40 | 1°38'04 | 21°51 | 13°19 | 21°54 | 15°24 | 0°15 | 18°14 | 24°31 | 25°21 | 11°21 | 0°33 | 29°22 | 12°44 | 1°24 | M22 |
| T 23 | 12 4 36 | 2°38'20 | 5M 2 | 14°53 | 23° 5 | 16° 8 | 0°29 | 18°22 | 24°29 | 25°22 | 11°19 | 0°28 | 29°19 | 12°51 | 1°27 | T 23 |
| W24 | 12 8 33 | 3°38'35 | 17°54 | 16°28 | 24°17 | 16°52 | 0°44 | 18°29 | 24°27 | 25°23 | 11°18 | 0°22 | 29°15 | 12°57 | 1°30 | W24 |
| T 25 | 12 12 30 | 4°38'48 | 0 ∡ 27 | 18° 4 | 25°29 | 17°36 | 0°58 | 18°36 | 24°25 | 25°24 | 11°17 | 0°17 | 29°12 | 13° 4 | 1°34 | T 25 |
| F 26 | 12 16 26 | 5°39'00 | 12°42 | 19°41 | 26°40 | 18°19 | 1°13 | 18°43 | 24°24 | 25°25 | 11°16 | 0°13 | 29° 9 | 13°11 | 1°37 | F 26 |
| S 27 | 12 20 23 | 6°39'11 | 24°45 | 21°19 | 27°52 | 19° 3 | 1°27 | 18°51 | 24°22 | 25°26 | 11°14 | 0°11 | 29° 6 | 13°18 | 1°40 | S 27 |
| S 28 | 12 24 19 | 7°39'20 | 6 ප 39 | 22°59 | 29° 4 | 19°47 | 1°42 | 18°58 | 24°20 | 25°27 | 11°13 | 0°D10 | 29° 3 | 13°24 | 1°43 | S 28 |
| M29 | 12 28 16 | 8°39'28 | 18°29 | 24°39 | 0 ¥ 16 | 20°31 | 1°56 | 19° 5 | 24°19 | 25°28 | 11°12 | 0°10 | 28°59 | 13°31 | 1°47 | M29 |
| T 30 | 12 32 12 | 9°39'34 | 0≈21 | 26°21 | 1°28 | 21°15 | 2°11 | 19°12 | 24°17 | 2 <u>5</u> °29 | 11°10 | 0°12 | 28°56 | 1 <u>3</u> °38 | 1°50 | T 30 |
| W31 | 12 36 9 | 10 ° 39'38 | 12≈19 | 28 米 3 | 2) (40 | 21 8 58 | 2 Ŷ 25 | 19 Ƴ 20 | 24 Ω 15 | 25 궁 30 | 11 M 9 | 0 m)14 | 28 \Omega 53 | 13 る 44 | 1 8 53 | W31 |

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| T 1 | 12 40 5 | 11 ° 39'41 | 24≈28 | 29) (47 | 3 ∺ 52 | 22842 | 2 Υ 40 | 19 Y 27 | 24°R14 | 25 궁 31 | 11°R 8 | 0°R15 | 28€50 | 13 る 51 | 1 8 57 | T 1 |
| F 2 | 12 44 2 | 12°39'43 | 6 ¥ 52 | 1 Υ 32 | 5° 4 | 23°26 | 2°54 | 19°34 | 24 Ω 12 | 25°32 | 11 M 6 | 0 m /15 | 28°47 | 13°58 | 2° 0 | F 2 |
| S 3 | 12 47 58 | 13°39'43 | 19°33 | 3°18 | 6°16 | 24° 9 | 3° 8 | 19°42 | 24°11 | 25°33 | 11° 5 | 0°13 | 28°44 | 14° 4 | 2° 3 | S 3 |
| S 4 | 12 51 55 | 14°39'41 | 2 Y 35 | 5° 5 | 7°28 | 24°53 | 3°23 | 19°49 | 24° 9 | 25°34 | 11° 3 | 0° 9 | 28°40 | 14°11 | 2° 7 | S 4 |
| M 5 | 12 55 52 | 15°39'37 | 15°56 | 6°53 | 8°41 | 25°36 | 3°37 | 19°56 | 24° 8 | 25°34 | 11° 2 | 0° 3 | 28°37 | 14°18 | 2°10 | M 5 |
| T 6 | 12 59 48 | 16°39'31 | 29°35 | 8°42 | 9°53 | 26°20 | 3°52 | 20° 4 | 24° 7 | 25°35 | 11° 0 | 29 Ω 55 | 28°34 | 14°24 | 2°14 | T 6 |
| W 7 | 13 3 45 | 17°39'24 | 13 8 29 | 10°33 | 11° 5 | 27° 3 | 4° 6 | 20°11 | 24° 5 | 25°36 | 10°59 | 29°47 | 28°31 | 14°31 | 2°17 | W 7 |
| T 8 | 13 741 | 18°39'14 | 27°34 | 12°25 | 12°18 | 27°47 | 4°20 | 20°19 | 24° 4 | 25°36 | 10°57 | 29°39 | 28°28 | 14°38 | 2°20 | T 8 |
| F 9 | 13 11 38 | 19°39'03 | 11 Ⅱ 45 | 14°18 | 13°30 | 28°30 | 4°34 | 20°26 | 24° 3 | 25°37 | 10°56 | 29°33 | 28°25 | 14°44 | 2°24 | F 9 |
| S 10 | 13 15 34 | 20°38'49 | 25°59 | 16°12 | 14°42 | 29°13 | 4°49 | 20°33 | 24° 2 | 25°37 | 10°54 | 29°28 | 28°21 | 14°51 | 2°27 | S 10 |
| S 11 | 13 19 31 | 21°38'33 | 109511 | 18° 7 | 15°55 | 29°57 | 5° 3 | 20°41 | 24° 1 | 25°38 | 10°53 | 29°26 | 28°18 | 14°58 | 2°31 | S 11 |
| M12 | 13 23 27 | 22°38'15 | 24°21 | 20° 3 | 17° 7 | 0 Ⅱ 40 | 5°17 | 20°48 | 24° 0 | 25°39 | 10°51 | 29°D25 | 28°15 | 15° 4 | 2°34 | M12 |
| T 13 | 13 27 24 | 23°37'55 | 8 Ω 25 | 22° 1 | 18°20 | 1°23 | 5°31 | 20°55 | 23°59 | 25°39 | 10°50 | 29°26 | 28°12 | 15°11 | 2°38 | T 13 |
| W14 | 13 31 21 | 24°37'33 | 22°23 | 23°59 | 19°32 | 2° 6 | 5°46 | 21° 3 | 23°58 | 25°39 | 10°48 | 29°R26 | 28° 9 | 15°18 | 2°41 | W14 |
| T 15 | 13 35 17 | 25°37'08 | 6Mp 15 | 25°59 | 20°45 | 2°49 | 6° 0 | 21°10 | 23°57 | 25°40 | 10°46 | 29°26 | 28° 5 | 15°25 | 2°45 | T 15 |
| F 16 | 13 39 14 | 26°36'41 | 20° 0 | 27°59 | 21°57 | 3°32 | 6°14 | 21°18 | 23°56 | 25°40 | 10°45 | 29°25 | 28° 2 | 15°31 | 2°48 | F 16 |
| S 17 | 13 43 10 | 27°36'12 | 3 ₾ 35 | 0 8 0 | 23°10 | 4°15 | 6°28 | 21°25 | 23°56 | 25°41 | 10°43 | 29°20 | 27°59 | 15°38 | 2°52 | S 17 |
| S 18 | 13 47 7 | 28°35'40 | 17° 0 | 2° 2 | 24°22 | 4°58 | 6°42 | 21°32 | 23°55 | 25°41 | 10°41 | 29°13 | 27°56 | 15°45 | 2°55 | S 18 |
| M19 | 13 51 3 | 29°35'07 | 0 M 13 | 4° 4 | 25°35 | 5°41 | 6°56 | 21°40 | 23°54 | 25°41 | 10°40 | 29° 4 | 27°53 | 15°51 | 2°59 | M19 |
| T 20 | 13 55 0 | 0 8 34'32 | 13°11 | 6° 6 | 26°48 | 6°24 | 7°10 | 21°47 | 23°54 | 25°41 | 10°38 | 28°53 | 27°50 | 15°58 | 3° 2 | T 20 |
| W21 | 13 58 56 | 1°33'55 | 25°53 | 8° 9 | 28° 0 | 7° 7 | 7°24 | 21°54 | 23°53 | 25°42 | 10°37 | 28°42 | 27°46 | 16° 5 | 3° 6 | W21 |
| T 22 | 14 2 53 | 2°33'16 | 8 × 21 | 10°11 | 29°13 | 7°49 | 7°37 | 22° 1 | 23°53 | 25°42 | 10°35 | 28°31 | 27°43 | 16°11 | 3° 9 | T 22 |
| F 23 | 14 6 50 | 3°32'36 | 20°34 | 12°13 | 0Υ26 | 8°32 | 7°51 | 22° 9 | 23°52 | 25°42 | 10°33 | 28°22 | 27°40 | 16°18 | 3°13 | F 23 |
| S 24 | 14 10 46 | 4°31'53 | 2 3 36 | 14°14 | 1°38 | 9°15 | 8° 5 | 22°16 | 23°52 | 25°42 | 10°32 | 28°14 | 27°37 | 16°25 | 3°16 | S 24 |
| S 25 | 14 14 43 | 5°31'09 | 14°29 | 16°14 | 2°51 | 9°57 | 8°19 | 22°23 | 23°51 | 25°42 | 10°30 | 28°10 | 27°34 | 16°31 | 3°20 | S 25 |
| M26 | 14 18 39 | 6°30'23 | 26°19 | 18°12 | 4° 4 | 10°40 | 8°32 | 22°31 | 23°51 | 25°42 | 10°28 | 28° 8 | 27°30 | 16°38 | 3°24 | M26 |
| T 27 | 14 22 36 | 7°29'36 | 8≈10 | 20° 9 | 5°17 | 11°23 | 8°46 | 22°38 | 23°51 | 25°R42 | 10°26 | 28°D 7 | 27°27 | 16°45 | 3°27 | T 27 |
| W28 | 14 26 32 | 8°28'46 | 20° 7 | 22° 3 | 6°30 | 12° 5 | 9° 0 | 22°45 | 23°51 | 25°42 | 10°25 | 28° 7 | 27°24 | 16°51 | 3°31 | W28 |
| T 29 | 14 30 29 | 9°27'55 | 2)(16 | 23°55 | 7°42 | 12°48 | 9°13 | 22°52 | 23°51 | 25°42 | 10°23 | 28°R 7 | 27°21 | 16°58 | 3°34 | T 29 |
| F 30 | 14 34 25 | 10827'03 | 14) (42 | 25 8 43 | 8 Ƴ 55 | 13 II 30 | 9 Ƴ 27 | 22 Y 59 | 23 N 51 | 25 궁 42 | 10M21 | 28 N 6 | 27 Ω 18 | 17 る 5 | 3 8 38 | F 30 |

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| Day | Sid.t | 0 | D | ğ | · | ♂ | 4 | ħ |)Å(| 卉 | В | ß | Ω | Ç | Ŷ, | Day |
|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|----------------|---------------|------|
| S 1 | 14 38 22 | 11826'08 | 27) 29 | 27 8 29 | 10 Y 8 | 14 Ⅱ 12 | 9 Ƴ 40 | 23 ° 6 | 23°D50 | 25°R42 | 10°R20 | 28°R 3 | 27 \O 15 | 17 ਰ 11 | 3 8 41 | S 1 |
| S 2 | 14 42 18 | 12°25'12 | 10 Y 41 | 29°10 | 11°21 | 14°55 | 9°54 | 23°14 | 23 Q 51 | 25 る 42 | 10 M .18 | 27 Ω 57 | 27°11 | 17°18 | 3°45 | S 2 |
| M 3 | 14 46 15 | 13°24'14 | 24°17 | 0 Ⅱ 48 | 12°34 | 15°37 | 10° 7 | 23°21 | 23°51 | 25°42 | 10°16 | 27°49 | 27° 8 | 17°25 | 3°48 | M 3 |
| T 4 | 14 50 12 | 14°23'14 | 8 8 17 | 2°21 | 13°47 | 16°19 | 10°20 | 23°28 | 23°51 | 25°41 | 10°15 | 27°38 | 27° 5 | 17°31 | 3°52 | T 4 |
| W 5 | 14 54 8 | 15°22'12 | 22°36 | 3°50 | 15° 0 | 17° 1 | 10°33 | 23°35 | 23°51 | 25°41 | 10°13 | 27°26 | 27° 2 | 17°38 | 3°55 | W 5 |
| T 6 | 14 58 5 | 16°21'08 | 7 Π 9 | 5°14 | 16°13 | 17°44 | 10°47 | 23°42 | 23°51 | 25°41 | 10°11 | 27°15 | 26°59 | 17°45 | 3°59 | T 6 |
| F 7 | 15 2 1 | 17°20'03 | 21°47 | 6°33 | 17°26 | 18°26 | 11° 0 | 23°49 | 23°52 | 25°40 | 10°10 | 27° 5 | 26°56 | 17°51 | 4° 2 | F 7 |
| S 8 | 15 5 58 | 18°18'55 | 6924 | 7°46 | 18°39 | 19° 8 | 11°13 | 23°56 | 23°52 | 25°40 | 10° 8 | 26°58 | 26°52 | 17°58 | 4° 5 | S 8 |
| S 9 | 15 9 54 | 19°17'45 | 20°54 | 8°55 | 19°52 | 19°50 | 11°26 | 24° 3 | 23°52 | 25°40 | 10° 6 | 26°53 | 26°49 | 18° 5 | 4° 9 | S 9 |
| M10 | 15 13 51 | 20°16'33 | 5 Ω 12 | 9°58 | 21° 4 | 20°32 | 11°39 | 24°10 | 23°53 | 25°39 | 10° 5 | 26°51 | 26°46 | 18°11 | 4°12 | M10 |
| T 11 | 15 17 47 | 21°15'18 | 19°17 | 10°55 | 22°17 | 21°14 | 11°51 | 24°17 | 23°53 | 25°39 | 10° 3 | 26°50 | 26°43 | 18°18 | 4°16 | T 11 |
| W12 | 15 21 44 | 22°14'01 | 3 m y 8 | 11°47 | 23°30 | 21°56 | 12° 4 | 24°23 | 23°54 | 25°38 | 10° 1 | 26°50 | 26°40 | 18°25 | 4°19 | W12 |
| T 13 | 15 25 41 | 23°12'42 | 16°45 | 12°33 | 24°43 | 22°38 | 12°17 | 24°30 | 23°54 | 25°38 | 10° 0 | 26°49 | 26°36 | 18°31 | 4°23 | T 13 |
| F 14 | 15 29 37 | 24°11'21 | 0 ჲ 10 | 13°13 | 25°56 | 23°19 | 12°30 | 24°37 | 23°55 | 25°37 | 9°58 | 26°47 | 26°33 | 18°38 | 4°26 | F 14 |
| S 15 | 15 33 34 | 25° 9'58 | 13°23 | 13°47 | 27° 9 | 24° 1 | 12°42 | 24°44 | 23°56 | 25°37 | 9°56 | 26°41 | 26°30 | 18°45 | 4°29 | S 15 |
| S 16 | 15 37 30 | 26° 8'33 | 26°25 | 14°16 | 28°22 | 24°43 | 12°55 | 24°50 | 23°57 | 25°36 | 9°55 | 26°32 | 26°27 | 18°51 | 4°33 | S 16 |
| M17 | 15 41 27 | 27° 7'06 | 9 M .16 | 14°38 | 29°35 | 25°25 | 13° 7 | 24°57 | 23°58 | 25°36 | 9°53 | 26°21 | 26°24 | 18°58 | 4°36 | M17 |
| T 18 | 15 45 23 | 28° 5'36 | 21°56 | 14°55 | 0 8 48 | 26° 6 | 13°19 | 25° 4 | 23°58 | 25°35 | 9°52 | 26° 8 | 26°21 | 19° 5 | 4°39 | T 18 |
| W19 | 15 49 20 | 29° 4'06 | 4 ₹ 24 | 15° 5 | 2° 1 | 26°48 | 13°32 | 25°10 | 23°59 | 25°34 | 9°50 | 25°55 | 26°17 | 19°12 | 4°43 | W19 |
| T 20 | 15 53 16 | 0 Ⅲ 2'33 | 16°41 | 15°R10 | 3°14 | 27°29 | 13°44 | 25°17 | 24° 0 | 25°34 | 9°48 | 25°41 | 26°14 | 19°18 | 4°46 | T 20 |
| F 21 | 15 57 13 | 1° 0'58 | 28°48 | 15°10 | 4°28 | 28°11 | 13°56 | 25°23 | 24° 1 | 25°33 | 9°47 | 25°30 | 26°11 | 19°25 | 4°49 | F 21 |
| S 22 | 16 1 10 | 1°59'22 | 10 る 45 | 15° 4 | 5°41 | 28°52 | 14° 8 | 25°30 | 24° 3 | 25°32 | 9°45 | 25°21 | 26° 8 | 19°32 | 4°52 | S 22 |
| S 23 | 16 5 6 | 2°57'45 | 22°36 | 14°53 | 6°54 | 29°34 | 14°20 | 25°36 | 24° 4 | 25°31 | 9°44 | 25°14 | 26° 5 | 19°38 | 4°56 | S 23 |
| M24 | 16 9 3 | 3°56'05 | 4≈24 | 14°37 | 8° 7 | 09୍ତ15 | 14°32 | 25°42 | 24° 5 | 25°30 | 9°42 | 25°11 | 26° 2 | 19°45 | 4°59 | M24 |
| T 25 | 16 12 59 | 4°54'25 | 16°14 | 14°17 | 9°20 | 0°57 | 14°44 | 25°49 | 24° 6 | 25°30 | 9°41 | 25° 9 | 25°58 | 19°52 | 5° 2 | T 25 |
| W26 | 16 16 56 | 5°52'42 | 28°10 | 13°53 | 10°33 | 1°38 | 14°55 | 25°55 | 24° 7 | 25°29 | 9°39 | 25°D 9 | 25°55 | 19°58 | 5° 5 | W26 |
| T 27 | 16 20 52 | 6°50'59 | 10 米 18 | 13°25 | 11°46 | 2°19 | 15° 7 | 26° 1 | 24° 9 | 25°28 | 9°38 | 25°R 9 | 25°52 | 20° 5 | 5° 8 | T 27 |
| F 28 | 16 24 49 | 7°49'13 | 22°42 | 12°54 | 12°59 | 3° 0 | 15°18 | 26° 7 | 24°10 | 25°27 | 9°36 | 25° 8 | 25°49 | 20°12 | 5°11 | F 28 |
| S 29 | 16 28 45 | 8°47'27 | 5 ℃ 29 | 12°21 | 14°12 | 3°42 | 15°30 | 26°13 | 24°12 | 25°26 | 9°35 | 25° 5 | 25°46 | 20°18 | 5°14 | S 29 |
| S 30 | 16 32 42 | 9°45'39 | 18°42 | 11°46 | 15°25 | 4°23 | 15°41 | 26°19 | 24°13 | 25°25 | 9°34 | 25° 0 | 25°42 | 20°25 | 5°17 | S 30 |
| M31 | 16 36 39 | 10 Ⅱ 43'49 | 2 8 23 | 11 II 9 | 16 8 38 | 595 4 | 15 Y 52 | 26 Y 25 | 24 Ω 15 | 25 る 24 | 9 M .32 | 24€53 | 25 Ω 39 | 20 궁 32 | 5 8 20 | M31 |

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| T 1 | 16 40 35 | 11 II 41'59 | 16 8 31 | 10°R33 | 17 8 51 | 59345 | 16 Y 3 | 26 Y 31 | 24Ω16 | 25°R23 | 9°R31 | 24°R44 | 25€36 | 20 궁 38 | 5 8 23 | T 1 |
| W 2 | 16 44 32 | 12°40'07 | 1 II 5 | 9∏56 | 19° 5 | 6°26 | 16°15 | 26°37 | 24°18 | 25 궁 22 | 9 M 29 | 24 Ω 33 | 25°33 | 20°45 | 5°26 | W 2 |
| T 3 | 16 48 28 | 13°38'13 | 15°56 | 9°20 | 20°18 | 7° 7 | 16°25 | 26°43 | 24°20 | 25°21 | 9°28 | 24°23 | 25°30 | 20°52 | 5°29 | T 3 |
| F 4 | 16 52 25 | 14°36'18 | 0956 | 8°46 | 21°31 | 7°48 | 16°36 | 26°49 | 24°21 | 25°20 | 9°27 | 24°13 | 25°27 | 20°58 | 5°32 | F 4 |
| S 5 | 16 56 21 | 15°34'21 | 15°56 | 8°13 | 22°44 | 8°29 | 16°47 | 26°55 | 24°23 | 25°18 | 9°26 | 24° 6 | 25°23 | 21° 5 | 5°35 | S 5 |
| S 6 | 17 0 18 | 16°32'22 | 0 Ω 46 | 7°43 | 23°57 | 9°10 | 16°58 | 27° 0 | 24°25 | 25°17 | 9°24 | 24° 2 | 25°20 | 21°12 | 5°38 | S 6 |
| M 7 | 17 4 15 | 17°30'22 | 15°22 | 7°16 | 25°10 | 9°51 | 17° 8 | 27° 6 | 24°27 | 25°16 | 9°23 | 24° 0 | 25°17 | 21°18 | 5°41 | M 7 |
| T 8 | 17 8 11 | 18°28'20 | 29°38 | 6°52 | 26°23 | 10°31 | 17°19 | 27°11 | 24°29 | 25°15 | 9°22 | 24°D 0 | 25°14 | 21°25 | 5°44 | T 8 |
| W 9 | 17 12 8 | 19°26'16 | 13 m 33 | 6°32 | 27°37 | 11°12 | 17°29 | 27°17 | 24°31 | 25°14 | 9°21 | 24°R 0 | 25°11 | 21°32 | 5°46 | W 9 |
| T 10 | 17 16 4 | 20°24'10 | 27° 8 | 6°16 | 28°50 | 11°53 | 17°39 | 27°22 | 24°33 | 25°12 | 9°19 | 24° 0 | 25° 8 | 21°38 | 5°49 | T 10 |
| F 11 | 17 20 1 | 21°22'03 | 10 ≏ 25 | 6° 4 | 0 I I 3 | 12°34 | 17°49 | 27°28 | 24°35 | 25°11 | 9°18 | 23°59 | 25° 4 | 21°45 | 5°52 | F 11 |
| S 12 | 17 23 57 | 22°19'54 | 23°25 | 5°56 | 1°16 | 13°14 | 17°59 | 27°33 | 24°37 | 25°10 | 9°17 | 23°55 | 25° 1 | 21°52 | 5°54 | S 12 |
| S 13 | 17 27 54 | 23°17'43 | 6MJ2 | 5°D53 | 2°29 | 13°55 | 18° 9 | 27°38 | 24°39 | 25° 9 | 9°16 | 23°48 | 24°58 | 21°58 | 5°57 | S 13 |
| M14 | 17 31 50 | 24°15'31 | 18°46 | 5°55 | 3°42 | 14°36 | 18°19 | 27°43 | 24°41 | 25° 7 | 9°15 | 23°40 | 24°55 | 22° 5 | 6° 0 | M14 |
| T 15 | 17 35 47 | 25°13'17 | 1 才 9 | 6° 0 | 4°55 | 15°16 | 18°28 | 27°48 | 24°44 | 25° 6 | 9°14 | 23°30 | 24°52 | 22°12 | 6° 2 | T 15 |
| W16 | 17 39 44 | 26°11'02 | 13°22 | 6°11 | 6° 9 | 15°57 | 18°38 | 27°53 | 24°46 | 25° 5 | 9°13 | 23°19 | 24°48 | 22°18 | 6° 5 | W16 |
| T 17 | 17 43 40 | 27° 8'46 | 25°28 | 6°26 | 7°22 | 16°37 | 18°47 | 27°58 | 24°48 | 25° 3 | 9°12 | 23° 9 | 24°45 | 22°25 | 6° 7 | T 17 |
| F 18 | 17 47 37 | 28° 6'28 | 7 云 26 | 6°45 | 8°35 | 17°17 | 18°57 | 28° 3 | 24°50 | 25° 2 | 9°11 | 23° 0 | 24°42 | 22°32 | 6°10 | F 18 |
| S 19 | 17 51 33 | 29° 4'10 | 19°18 | 7° 8 | 9°48 | 17°58 | 19° 6 | 28° 8 | 24°53 | 25° 0 | 9°10 | 22°53 | 24°39 | 22°38 | 6°12 | S 19 |
| S 20 | 17 55 30 | 09 1'50 | 1≈ 7 | 7°36 | 11° 1 | 18°38 | 19°15 | 28°13 | 24°55 | 24°59 | 9° 9 | 22°48 | 24°36 | 22°45 | 6°15 | S 20 |
| M21 | 17 59 26 | 0°59'29 | 12°55 | 8° 8 | 12°15 | 19°18 | 19°24 | 28°17 | 24°58 | 24°58 | 9° 8 | 22°46 | 24°33 | 22°52 | 6°17 | M21 |
| T 22 | 18 3 23 | 1°57'07 | 24°45 | 8°44 | 13°28 | 19°59 | 19°32 | 28°22 | 25° 0 | 24°56 | 9° 7 | 22°D45 | 24°29 | 22°58 | 6°19 | T 22 |
| W23 | 18 7 19 | 2°54'44 | 6 ∺ 42 | 9°25 | 14°41 | 20°39 | 19°41 | 28°26 | 25° 3 | 24°55 | 9° 6 | 22°46 | 24°26 | 23° 5 | 6°21 | W23 |
| T 24 | 18 11 16 | 3°52'20 | 18°49 | 10° 8 | 15°54 | 21°19 | 19°49 | 28°31 | 25° 5 | 24°53 | 9° 6 | 22°47 | 24°23 | 23°12 | 6°24 | T 24 |
| F 25 | 18 15 13 | 4°49'55 | 1 Υ 13 | 10°56 | 17° 7 | 21°59 | 19°58 | 28°35 | 25° 8 | 24°52 | 9° 5 | 22°R48 | 24°20 | 23°18 | 6°26 | F 25 |
| S 26 | 18 19 9 | 5°47'30 | 13°57 | 11°47 | 18°21 | 22°40 | 20° 6 | 28°39 | 25°11 | 24°50 | 9° 4 | 22°48 | 24°17 | 23°25 | 6°28 | S 26 |
| S 27 | 18 23 6 | 6°45'04 | 27° 6 | 12°42 | 19°34 | 23°20 | 20°14 | 28°44 | 25°13 | 24°49 | 9° 3 | 22°46 | 24°14 | 23°32 | 6°30 | S 27 |
| M28 | 18 27 2 | 7°42'37 | 10843 | 13°41 | 20°47 | 24° 0 | 20°22 | 28°48 | 25°16 | 24°47 | 9° 3 | 22°42 | 24°10 | 23°38 | 6°32 | M28 |
| T 29 | 18 30 59 | 8°40'10 | 24°49 | 14°43 | 22° 1 | 24°40 | 20°30 | 28°52 | 25°19 | 24°46 | 9° 2 | 22°37 | 24° 7 | 23°45 | 6°34 | T 29 |
| W30 | 18 34 55 | 9937'41 | 9∏22 | 15 Ⅱ 48 | 23耳14 | 25920 | 20 Y 37 | 28 Y 56 | 25 Ω 22 | 24 궁 44 | 9 ™ 1 | 22 N 31 | 24 N 4 | 23 る 52 | 6 8 36 | W30 |

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| T 1 | 18 38 52 | 10935'13 | 24∐17 | 16耳56 | 24Ⅲ27 | 269 0 | 20 Y 45 | 29 Y 0 | 25 Ω 25 | 24°R43 | 9°R 1 | 22°R24 | 24Ω 1 | 23 る 58 | 6 8 38 | T 1 |
| F 2 | 18 42 48 | 11°32'43 | 99526 | 18° 8 | 25°40 | 26°40 | 20°52 | 29° 3 | 25°27 | 24 궁 41 | 9 ™ 0 | 22 Ω 19 | 23°58 | 24° 5 | 6°40 | F 2 |
| S 3 | 18 46 45 | 12°30'13 | 24°38 | 19°22 | 26°54 | 27°20 | 21° 0 | 29° 7 | 25°30 | 24°39 | 9° 0 | 22°15 | 23°54 | 24°12 | 6°42 | S 3 |
| S 4 | 18 50 42 | 13°27'41 | 9 Ω 44 | 20°40 | 28° 7 | 28° 0 | 21° 7 | 29°11 | 25°33 | 24°38 | 8°59 | 22°12 | 23°51 | 24°18 | 6°44 | S 4 |
| M 5 | 18 54 38 | 14°25'09 | 24°36 | 22° 1 | 29°20 | 28°40 | 21°14 | 29°14 | 25°36 | 24°36 | 8°59 | 22°D12 | 23°48 | 24°25 | 6°45 | M 5 |
| T 6 | 18 58 35 | 15°22'36 | 9 m) 7 | 23°25 | 0934 | 29°19 | 21°20 | 29°18 | 25°39 | 24°35 | 8°58 | 22°13 | 23°45 | 24°32 | 6°47 | T 6 |
| W 7 | 19 231 | 16°20'01 | 23°14 | 24°52 | 1°47 | 29°59 | 21°27 | 29°21 | 25°42 | 24°33 | 8°58 | 22°14 | 23°42 | 24°38 | 6°49 | W 7 |
| T 8 | 19 6 28 | 17°17'26 | 6 ₽ 56 | 26°22 | 3° 0 | 0 Ω 39 | 21°33 | 29°24 | 25°45 | 24°32 | 8°58 | 22°15 | 23°39 | 24°45 | 6°50 | T 8 |
| F 9 | 19 10 24 | 18°14'49 | 20°14 | 27°55 | 4°14 | 1°19 | 21°40 | 29°28 | 25°48 | 24°30 | 8°57 | 22°R16 | 23°35 | 24°52 | 6°52 | F 9 |
| S 10 | 19 14 21 | 19°12'12 | 3 M .11 | 29°31 | 5°27 | 1°58 | 21°46 | 29°31 | 25°51 | 24°28 | 8°57 | 22°15 | 23°32 | 24°58 | 6°54 | S 10 |
| S 11 | 19 18 17 | 20° 9'34 | 15°50 | 19510 | 6°40 | 2°38 | 21°52 | 29°34 | 25°55 | 24°27 | 8°57 | 22°12 | 23°29 | 25° 5 | 6°55 | S 11 |
| M12 | 19 22 14 | 21° 6'55 | 28°14 | 2°51 | 7°54 | 3°18 | 21°58 | 29°37 | 25°58 | 24°25 | 8°56 | 22° 9 | 23°26 | 25°12 | 6°56 | M12 |
| T 13 | 19 26 11 | 22° 4'15 | 10 × 26 | 4°36 | 9° 7 | 3°57 | 22° 3 | 29°40 | 26° 1 | 24°23 | 8°56 | 22° 4 | 23°23 | 25°18 | 6°58 | T 13 |
| W14 | 19 30 7 | 23° 1'35 | 22°29 | 6°23 | 10°21 | 4°37 | 22° 9 | 29°42 | 26° 4 | 24°22 | 8°56 | 21°59 | 23°20 | 25°25 | 6°59 | W14 |
| T 15 | 19 34 4 | 23°58'54 | 4 云 26 | 8°13 | 11°34 | 5°16 | 22°14 | 29°45 | 26° 7 | 24°20 | 8°56 | 21°54 | 23°16 | 25°32 | 7° 1 | T 15 |
| F 16 | 19 38 0 | 24°56'12 | 16°17 | 10° 6 | 12°47 | 5°56 | 22°19 | 29°47 | 26°11 | 24°19 | 8°56 | 21°50 | 23°13 | 25°38 | 7° 2 | F 16 |
| S 17 | 19 41 57 | 25°53'30 | 28° 6 | 12° 1 | 14° 1 | 6°35 | 22°24 | 29°50 | 26°14 | 24°17 | 8°56 | 21°47 | 23°10 | 25°45 | 7° 3 | S 17 |
| S 18 | 19 45 53 | 26°50'48 | 9 ≈ 55 | 13°59 | 15°14 | 7°15 | 22°29 | 29°52 | 26°17 | 24°15 | 8°56 | 21°45 | 23° 7 | 25°52 | 7° 4 | S 18 |
| M19 | 19 49 50 | 27°48'05 | 21°45 | 15°59 | 16°28 | 7°54 | 22°34 | 29°55 | 26°21 | 24°14 | 8°D56 | 21°D45 | 23° 4 | 25°58 | 7° 5 | M19 |
| T 20 | 19 53 47 | 28°45'22 | 3) (40 | 18° 2 | 17°41 | 8°34 | 22°38 | 29°57 | 26°24 | 24°12 | 8°56 | 21°45 | 23° 0 | 26° 5 | 7° 6 | T 20 |
| W21 | 19 57 43 | 29°42'38 | 15°42 | 20° 6 | 18°55 | 9°13 | 22°42 | 29°59 | 26°27 | 24°11 | 8°56 | 21°47 | 22°57 | 26°12 | 7° 7 | W21 |
| T 22 | 20 1 40 | 0 Ω 39'55 | 27°55 | 22°12 | 20° 8 | 9°52 | 22°46 | 0 8 1 | 26°31 | 24° 9 | 8°56 | 21°48 | 22°54 | 26°18 | 7°8 | T 22 |
| F 23 | 20 5 36 | 1°37'12 | 10 Y 22 | 24°19 | 21°22 | 10°32 | 22°50 | 0° 3 | 26°34 | 24° 7 | 8°56 | 21°49 | 22°51 | 26°25 | 7° 9 | F 23 |
| S 24 | 20 9 33 | 2°34'28 | 23° 7 | 26°28 | 22°35 | 11°11 | 22°54 | 0° 5 | 26°37 | 24° 6 | 8°56 | 21°50 | 22°48 | 26°31 | 7°10 | S 24 |
| S 25 | 20 13 29 | 3°31'45 | 6 8 13 | 28°38 | 23°49 | 11°50 | 22°58 | 0° 6 | 26°41 | 24° 4 | 8°56 | 21°R51 | 22°45 | 26°38 | 7°11 | S 25 |
| M26 | 20 17 26 | 4°29'02 | 19°44 | 0 Ω 48 | 25° 2 | 12°30 | 23° 1 | 0° 8 | 26°44 | 24° 3 | 8°57 | 21°50 | 22°41 | 26°45 | 7°12 | M26 |
| T 27 | 20 21 22 | 5°26'19 | 3 Ⅱ 41 | 2°59 | 26°16 | 13° 9 | 23° 4 | 0° 9 | 26°48 | 24° 1 | 8°57 | 21°49 | 22°38 | 26°51 | 7°12 | T 27 |
| W28 | 20 25 19 | 6°23'36 | 18° 3 | 5° 9 | 27°30 | 13°48 | 23° 7 | 0°11 | 26°51 | 23°59 | 8°57 | 21°47 | 22°35 | 26°58 | 7°13 | W28 |
| T 29 | 20 29 16 | 7°20'54 | 29548 | 7°20 | 28°43 | 14°27 | 23°10 | 0°12 | 26°55 | 23°58 | 8°58 | 21°45 | 22°32 | 27° 5 | 7°14 | T 29 |
| F 30 | 20 33 12 | 8°18'12 | 17°49 | 9°30 | 29°57 | 15° 6 | 23°13 | 0°13 | 26°58 | 23°56 | 8°58 | 21°44 | 22°29 | 27°11 | 7°14 | F 30 |
| S 31 | 20 37 9 | 9 Ω 15'30 | 2 Ω 59 | 11 Ω 39 | 1 \O 10 | 15 Ω 46 | 23 Y 15 | 0814 | 27 N 2 | 23 궁 55 | 8 M .58 | 21 Ω 43 | 22 \O 26 | 27 る 18 | 7 8 15 | S 31 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)∤(| # | В | N. | v | Ç | ķ | Day |
|--------------|----------------------|--------------------|------------------------|------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|--------------|---------------|--------------|
| S 1 | 20 41 5 | 10Ω12'47 | 18 Ω 8 | 13 Ω 47 | 2 \Omega 24 | 16 Ω 25 | 23 Y 17 | 0 8 15 | 27 Ω 5 | 23°R53 | 8 M .59 | 21°D42 | 22\$\Omega22 | 27る25 | 7 8 15 | S 1 |
| M 2 | 20 45 2 | 11°10'05 | 3 Mm, 6 | 15°55 | 3°38 | 17° 4 | 23°19 | 0°16 | 27° 9 | 23 る 52 | 8°59 | 21 N 42 | 22°19 | 27°31 | 7°15 | M 2 |
| T 3 | 20 48 58 | 12° 7'23 | 17°47 | 18° 1 | 4°51 | 17°43 | 23°21 | 0°17 | 27°13 | 23°50 | 9° 0 | 21°43 | 22°16 | 27°38 | 7°16 | T 3 |
| W 4 | 20 52 55 | 13° 4'41 | 2 ≏ 4 | 20° 5 | 6° 5 | 18°22 | 23°23 | 0°18 | 27°16 | 23°49 | 9° 0 | 21°44 | 22°13 | 27°45 | 7°16 | W 4 |
| T 5 | 20 56 51 | 14° 1'58 | 15°56 | 22° 8 | 7°19 | 19° 1 | 23°24 | 0°18 | 27°20 | 23°47 | 9° 1 | 21°44 | 22°10 | 27°51 | 7°16 | T 5 |
| F 6 | 21 0 48 | 14°59'16 | 29°21 | 24°10 | 8°33 | 19°40 | 23°26 | 0°19 | 27°23 | 23°46 | 9° 1 | 21°45 | 22° 6 | 27°58 | 7°16 | F 6 |
| S 7 | 21 4 45 | 15°56'33 | 12 M 21 | 26°10 | 9°46 | 20°19 | 23°27 | 0°19 | 27°27 | 23°44 | 9° 2 | 21°R45 | 22° 3 | 28° 5 | 7°17 | S 7 |
| S 8 | 21 8 41 | 16°53'50 | 25° 0 | 28° 8 | 11° 0 | 20°58 | 23°28 | 0°20 | 27°31 | 23°43 | 9° 3 | 21°45 | 22° 0 | 28°11 | 7°17 | S 8 |
| M 9 | 21 12 38 | 17°51'08 | 7 . ₹21 | 0Mp 4 | 12°14 | 21°37 | 23°28 | 0°20 | 27°34 | 23°41 | 9° 3 | 21°45 | 21°57 | 28°18 | 7°R17 | M 9 |
| T 10 | 21 16 34 | 18°48'25 | 1 <u>9</u> °28 | 1°58 | 13°28 | 22°16 | 23°29 | 0°20 | 27°38 | 23°40 | 9° 4 | 21°45 | 21°54 | 28°25 | 7°17 | T 10 |
| W11 | 21 20 31 | 19°45'43 | 1 る 25 | 3°51 | 14°41 | 22°54 | 23°29 | 0°R20 | 27°42 | 23°38 | 9° 5 | 21°44 | 21°51 | 28°31 | 7°17 | W11 |
| T 12 | 21 24 27 | 20°43'01 | 13°17 | 5°42 | 15°55 | 23°33 | 23°R29 | 0°20 | 27°45 | 23°37 | 9° 6 | 21°44 | 21°47 | 28°38 | 7°16 | T 12 |
| F 13 | 21 28 24 | 21°40'19 | 25° 5 | 7°31 | 17° 9 | 24°12 | 23°29 | 0°20 | 27°49 | 23°36 | 9° 7 | 21°D44 | 21°44 | 28°45 | 7°16 | F 13 |
| S 14 | 21 32 20 | 22°37'37 | 6≈54 | 9°18 | 18°23 | 24°51 | 23°29 | 0°19 | 27°53 | 23°34 | 9° 7 | 21°44 | 21°41 | 28°51 | 7°16 | S 14 |
| S 15 | 21 36 17 | 23°34'56 | 18°46 | 11° 4 | 19°37 | 25°30 | 23°28 | 0°19 | 27°56 | 23°33 | 9° 8 | 21°R44 | 21°38 | 28°58 | 7°16 | S 15 |
| M16 | 21 40 14 | 24°32'15 | 0 ∺ 43 | 12°48 | 20°50 | 26° 8 | 23°28 | 0°19 | 28° 0 | 23°31 | 9° 9 | 21°44 | 21°35 | 29° 5 | 7°15 | M16 |
| T 17 | 21 44 10 | 25°29'35 | 12°47 | 14°29 | 22° 4 | 26°47 | 23°27 | 0°18 | 28° 4 | 23°30 | 9°10 | 21°44 | 21°31 | 29°11 | 7°15 | T 17 |
| W18 | 21 48 7 | 26°26'55 | 25° 0 | 16°10 | 23°18 | 27°26 | 23°26 | 0°17 | 28° 7 | 23°29 | 9°11 | 21°43 | 21°28 | 29°18 | 7°15 | W18 |
| T 19 | 21 52 3 | 27°24'17 | 7 Υ 24 | 17°48 | 24°32 | 28° 5 | 23°24 | 0°16 | 28°11 | 23°28 | 9°12 | 21°43 | 21°25 | 29°25 | 7°14 | T 19 |
| F 20 | 21 56 0 | 28°21'38 | 20° 2 | 19°24 | 25°46 | 28°43 | 23°23 | 0°16 | 28°15 | 23°26 | 9°13 | 21°42 | 21°22 | 29°31 | 7°14 | F 20 |
| S 21 | 21 59 56 | 29°19'01 | 2 8 55 | 20°59 | 27° 0 | 29°22 | 23°21 | 0°15 | 28°18 | 23°25 | 9°14 | 21°41 | 21°19 | 29°38 | 7°13 | S 21 |
| S 22 | 22 3 53 | 0 Mp 16'25 | 16° 5 | 22°32 | 28°14 | 0 m y 1 | 23°19 | 0°13 | 28°22 | 23°24 | 9°16 | 21°41 | 21°16 | 29°45 | 7°12 | S 22 |
| M23 | 22 7 49 | 1°13'49 | 29°34 | 24° 3 | 29°28 | 0°39 | 23°17 | 0°12 | 28°26 | 23°23 | 9°17 | 21°D40 | 21°12 | 29°51 | 7°12 | M23 |
| T 24 | 22 11 46 | 2°11'15 | 13 Ⅱ 23 | 25°33 | 0 Mp 42 | 1°18 | 23°15 | 0°11 | 28°29 | 23°21 | 9°18 | 21°41 | 21° 9 | 29°58 | 7°11 | T 24 |
| W25 | 22 15 42 | 3° 8'42 | 27°32 | 27° 0 | 1°56 | 1°56 | 23°13 | 0°10 | 28°33 | 23°20 | 9°19 | 21°41 | 21° 6 | 0≈ 4 | 7°10 | W25 |
| T 26 F 27 | 22 19 39 22 23 36 | 4° 6'10 5° 3'39 | 12 © 0 26°43 | 28°26 29°50 | 3°10 4°24 | 2°35 3°14 | 23°10 23° 7 | 0° 8 0° 6 | 28°37 28°41 | 23°19 23°18 | 9°20 9°22 | 21°42 21°43 | 21° 3 21° 0 | 0°11 0°18 | 7° 9 7° 8 | T 26 F 27 |
| S 28 | 22 23 36 22 27 32 | 6° 1'09 | $11\Omega_{36}$ | 29°50 1 ≏ 12 | 5°38 | 3°14 3°52 | 23° / 23° 4 | 0° 5 | 28°41 28°44 | 23°18 23°17 | 9°22 9°23 | 21°43 21°44 | 20°57 | 0°18 0°24 | 7° 8 | S 28 |
| | | | | | | | | | | | | | | | | |
| S 29 | 22 31 29 | 6°58'40 | 26°31 | 2°32 | 6°52 | 4°31 | 23° 1 | 0° 3 | 28°48 | 23°16 | 9°24 | 21°R44 | 20°53 | 0°31 | 7° 6 | S 29 |
| M30 | 22 35 25 | 7°56'12 | 11 m/23 | 3°51 | 8° 6 | 5° 9 | 22°58 | 0° 1 | 28°52 | 23°15 | 9°26 | 21°43 | 20°50 | 0°38 | 7° 5 | M30 |
| T31 | 22 39 22 | 8 Mp 53'45 | 26M) 1 | 5 ♀ 7 | 9 m ,20 | 5 M)48 | 22 Y 54 | 29 Y 59 | 28 N 55 | 23 중 14 | 9 M 27 | 21 \O 42 | 20 Ω 47 | 0≈44 | 7 8 4 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)/(| 并 | В | n | v | ţ | o k | Day |
|------|----------|------------------|----------------|---------------|----------------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|---------------|------|
| W 1 | 22 43 18 | 9 m 51'19 | 10 ≏ 21 | 6 ₽ 21 | 10 m 34 | 6Mp26 | 22°R50 | 29°R57 | 28 Q 59 | 23°R13 | 9 M 28 | 21°R40 | 20 Ω 44 | 0≈51 | 7°R 3 | W 1 |
| T 2 | 22 47 15 | 10°48'53 | 24°17 | 7°33 | 11°48 | 7° 5 | 22 Y 46 | 29 Y 55 | 29° 2 | 23 궁 12 | 9°30 | 21 £ 37 | 20°41 | 0°58 | 7 岁 2 | T 2 |
| F 3 | 22 51 11 | 11°46'28 | 7 M 47 | 8°43 | 13° 2 | 7°43 | 22°42 | 29°53 | 29° 6 | 23°11 | 9°31 | 21°35 | 20°37 | 1° 4 | 7° 1 | F 3 |
| S 4 | 22 55 8 | 12°44'05 | 20°52 | 9°50 | 14°17 | 8°22 | 22°38 | 29°50 | 29°10 | 23°10 | 9°33 | 21°32 | 20°34 | 1°11 | 6°59 | S 4 |
| S 5 | 22 59 5 | 13°41'42 | 3 ₹ 33 | 10°56 | 15°31 | 9° 0 | 22°34 | 29°48 | 29°13 | 23° 9 | 9°34 | 21°31 | 20°31 | 1°18 | 6°58 | S 5 |
| M 6 | 23 3 1 | 14°39'19 | 15°55 | 11°58 | 16°45 | 9°39 | 22°29 | 29°46 | 29°17 | 23° 8 | 9°36 | 21°D31 | 20°28 | 1°24 | 6°57 | M 6 |
| T 7 | 23 6 58 | 15°36'58 | 28° 2 | 12°58 | 17°59 | 10°17 | 22°24 | 29°43 | 29°20 | 23° 7 | 9°37 | 21°31 | 20°25 | 1°31 | 6°55 | T 7 |
| W 8 | 23 10 54 | 16°34'38 | 9 궁 57 | 13°56 | 19°13 | 10°55 | 22°19 | 29°40 | 29°24 | 23° 7 | 9°39 | 21°33 | 20°22 | 1°38 | 6°54 | W 8 |
| T 9 | 23 14 51 | 17°32'18 | 21°47 | 14°50 | 20°27 | 11°34 | 22°14 | 29°38 | 29°28 | 23° 6 | 9°41 | 21°34 | 20°18 | 1°44 | 6°52 | T 9 |
| F 10 | 23 18 47 | 18°30'00 | 3≈36 | 15°42 | 21°41 | 12°12 | 22° 9 | 29°35 | 29°31 | 23° 5 | 9°42 | 21°36 | 20°15 | 1°51 | 6°51 | F 10 |
| S 11 | 23 22 44 | 19°27'42 | 15°27 | 16°30 | 22°56 | 12°50 | 22° 3 | 29°32 | 29°35 | 23° 4 | 9°44 | 21°37 | 20°12 | 1°58 | 6°49 | S 11 |
| S 12 | 23 26 40 | 20°25'26 | 27°24 | 17°15 | 24°10 | 13°29 | 21°58 | 29°29 | 29°38 | 23° 4 | 9°46 | 21°R37 | 20° 9 | 2° 4 | 6°48 | S 12 |
| M13 | 23 30 37 | 21°23'11 | 9 米 29 | 17°57 | 25°24 | 14° 7 | 21°52 | 29°26 | 29°42 | 23° 3 | 9°47 | 21°36 | 20° 6 | 2°11 | 6°46 | M13 |
| T 14 | 23 34 34 | 22°20'56 | 21°46 | 18°35 | 26°38 | 14°45 | 21°46 | 29°23 | 29°45 | 23° 2 | 9°49 | 21°33 | 20° 3 | 2°18 | 6°44 | T 14 |
| W15 | 23 38 30 | 23°18'44 | 4 Υ 16 | 19° 8 | 27°52 | 15°24 | 21°40 | 29°19 | 29°49 | 23° 2 | 9°51 | 21°29 | 19°59 | 2°24 | 6°42 | W15 |
| T 16 | 23 42 27 | 24°16'32 | 16°58 | 19°38 | 29° 7 | 16° 2 | 21°34 | 29°16 | 29°52 | 23° 1 | 9°53 | 21°24 | 19°56 | 2°31 | 6°41 | T 16 |
| F 17 | 23 46 23 | 25°14'22 | 29°54 | 20° 3 | 0 <u>₽</u> 21 | 16°40 | 21°28 | 29°13 | 29°55 | 23° 1 | 9°54 | 21°18 | 19°53 | 2°37 | 6°39 | F 17 |
| S 18 | 23 50 20 | 26°12'14 | 138 4 | 20°24 | 1°35 | 17°18 | 21°21 | 29° 9 | 29°59 | 23° 0 | 9°56 | 21°13 | 19°50 | 2°44 | 6°37 | S 18 |
| S 19 | 23 54 16 | 27°10'07 | 26°26 | 20°39 | 2°49 | 17°57 | 21°15 | 29° 6 | 0Mp 2 | 23° 0 | 9°58 | 21° 8 | 19°47 | 2°51 | 6°35 | S 19 |
| M20 | 23 58 13 | 28° 8'03 | 10耳 2 | 20°49 | 4° 4 | 18°35 | 21° 8 | 29° 2 | 0° 6 | 22°59 | 10° 0 | 21° 5 | 19°43 | 2°57 | 6°33 | M20 |
| T 21 | 0 2 9 | 29° 5'59 | 23°50 | 20°R54 | 5°18 | 19°13 | 21° 1 | 28°58 | 0° 9 | 22°59 | 10° 2 | 21°D 4 | 19°40 | 3° 4 | 6°31 | T 21 |
| W22 | 0 6 6 | 0 ჲ 3'58 | 7951 | 20°53 | 6°32 | 19°51 | 20°54 | 28°55 | 0°12 | 22°58 | 10° 4 | 21° 4 | 19°37 | 3°11 | 6°29 | W22 |
| T 23 | 0 10 2 | 1° 1'59 | 22° 4 | 20°46 | 7°47 | 20°29 | 20°47 | 28°51 | 0°16 | 22°58 | 10° 6 | 21° 5 | 19°34 | 3°17 | 6°27 | T 23 |
| F 24 | 0 13 59 | 2° 0'01 | 6 Ω 26 | 20°34 | 9° 1 | 21° 8 | 20°40 | 28°47 | 0°19 | 22°58 | 10° 8 | 21° 7 | 19°31 | 3°24 | 6°25 | F 24 |
| S 25 | 0 17 56 | 2°58'05 | 20°56 | 20°14 | 10°15 | 21°46 | 20°33 | 28°43 | 0°22 | 22°57 | 10°10 | 21°R 7 | 19°28 | 3°31 | 6°23 | S 25 |
| S 26 | 0 21 52 | 3°56'11 | 5 m 29 | 19°49 | 11°29 | 22°24 | 20°26 | 28°39 | 0°25 | 22°57 | 10°12 | 21° 6 | 19°24 | 3°37 | 6°21 | S 26 |
| M27 | 0 25 49 | 4°54'18 | 20° 0 | 19°17 | 12°44 | 23° 2 | 20°18 | 28°35 | 0°29 | 22°57 | 10°14 | 21° 4 | 19°21 | 3°44 | 6°18 | M27 |
| T 28 | 0 29 45 | 5°52'27 | 4 º 23 | 18°40 | 13°58 | 23°40 | 20°11 | 28°31 | 0°32 | 22°56 | 10°16 | 20°59 | 19°18 | 3°51 | 6°16 | T 28 |
| W29 | 0 33 42 | 6°50'38 | 18°32 | 17°57 | 15°12 | 24°18 | 20° 3 | 28°27 | 0°35 | 22°56 | 10°18 | 20°52 | 19°15 | 3°57 | 6°14 | W29 |
| T 30 | 0 37 38 | 7 ≏ 48'50 | 2 M 22 | 17 ≗ 8 | 16 ≏ 27 | 24 Mp 57 | 19 Y 56 | 28 Y 23 | 0 m /38 | 22 궁 56 | 10 M 20 | 20 Ω 44 | 19 Ω 12 | 4≈ 4 | 6 8 12 | T 30 |

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|-------------|--------------------|----------------------|--------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|--------------|---------------|-------------|
| F 1 | 0 41 35 | 8 ≏ 47'04 | 15 M 51 | 16°R15 | 17 ≏ 41 | 25 Mg 35 | 19°R48 | 28°R19 | 0 m /41 | 22°R56 | 10ML22 | 20°R37 | 19Ω 8 | 4≈11 | 6°R 9 | F 1 |
| S 2 | 0 45 31 | 9°45'20 | 28°56 | 15 ≏ 19 | 18°55 | 26°13 | 19 Ƴ 40 | 28 Y 15 | 0°44 | 22 궁 56 | 10°24 | 20 Ω 29 | 19° 5 | 4°17 | 6 8 7 | S 2 |
| S 3 | 0 49 28 | 10°43'37 | 11 ~ 39 | 14°20 | 20°10 | 26°51 | 19°32 | 28°10 | 0°47 | 22°56 | 10°26 | 20°24 | 19° 2 | 4°24 | 6° 5 | S 3 |
| M 4 | 0 53 25 | 11°41'55 | 24° 2 | 13°19 | 21°24 | 27°29 | 19°25 | 28° 6 | 0°50 | 22°D56 | 10°28 | 20°20 | 18°59 | 4°31 | 6° 2 | M 4 |
| T 5 W 6 | 0 57 21 1 1 18 | 12°40'15 13°38'36 | 6 ට 9 18° 4 | 12°18 11°19 | 22°39 23°53 | 28° 7 28°45 | 19°17 19° 9 | 28° 2 27°57 | 0°53 0°56 | 22°56 22°56 | 10°30 10°33 | 20°18 20°D18 | 18°56 18°53 | 4°37 4°44 | 6° 0 5°57 | T 5 W 6 |
| T 7 | 1 5 14 | 14°36'59 | 29°54 | 10°22 | 25° 7 | 29°23 | 19° 1 | 27°53 | 0°59 | 22°56 | 10°35 | 20°19 | 18°49 | 4°50 | 5°55 | T 7 |
| F 8 | 1 9 11 | 15°35'23 | 11≈42 | 9°29 | 26°22 | 0요 1 | 18°53 | 27°48 | 1° 2 | 22°56 | 10°37 | 20°20 | 18°46 | 4°57 | 5°52 | F 8 |
| S 9 | 1 13 7 | 16°33'49 | 23°36 | 8°42 | 27°36 | 0°39 | 18°45 | 27°44 | 1° 5 | 22°56 | 10°39 | 20°R20 | 18°43 | 5° 4 | 5°50 | S 9 |
| S 10 | 1 17 4 | 17°32'17 | 5) €38 | 8° 1 | 28°50 | 1°17 | 18°37 | 27°39 | 1°8 | 22°56 | 10°41 | 20°19 | 18°40 | 5°10 | 5°47 | S 10 |
| M11 | 1 21 0 | 18°30'46 | 17°52 | 7°28 | 0 m 5 | 1°55 | 18°29 | 27°35 | 1°11 | 22°57 | 10°44 | 20°15 | 18°37 | 5°17 | 5°45 | M11 |
| T 12 W13 | 1 24 57 1 28 53 | 19°29'16 20°27'49 | 0 Υ 22 13° 9 | 7° 4 6°49 | 1°19 2°33 | 2°33 3°11 | 18°21 18°13 | 27°30 27°26 | 1°13 1°16 | 22°57 22°57 | 10°46 10°48 | 20° 9 20° 1 | 18°34 18°30 | 5°24 5°30 | 5°42 5°40 | T 12 W13 |
| T 14 | 1 28 33 | 20°27'49 21°26'23 | 26°12 | 6°D43 | 3°48 | 3°49 | 18° 5 | 27°21 | 1°19 | 22°58 | 10°48 | 19°51 | 18°27 | 5°37 | 5°37 | T 14 |
| F 15 | 1 36 47 | 22°24'59 | 9832 | 6°48 | 5° 2 | 4°27 | 17°57 | 27°16 | 1°21 | 22°58 | 10°53 | 19°41 | 18°24 | 5°44 | 5°34 | F 15 |
| S 16 | 1 40 43 | 23°23'37 | 23° 5 | 7° 2 | 6°17 | 5° 5 | 17°49 | 27°12 | 1°24 | 22°58 | 10°55 | 19°30 | 18°21 | 5°50 | 5°32 | S 16 |
| S 17 | 1 44 40 | 24°22'17 | 6 II 50 | 7°25 | 7°31 | 5°43 | 17°41 | 27° 7 | 1°26 | 22°59 | 10°57 | 19°21 | 18°18 | 5°57 | 5°29 | S 17 |
| M18 | 1 48 36 | 25°20'59 | 20°43 | 7°59 | 8°45 | 6°21 | 17°33 | 27° 2 | 1°29 | 22°59 | 11° 0 | 19°15 | 18°14 | 6° 4 | 5°26 | M18 |
| T 19 | 1 52 33 | 26°19'44 | 49642 | 8°41 9°31 | 10° 0 11°14 | 6°59 7°37 | 17°25 17°17 | 26°58 | 1°32 1°34 | 23° 0 23° 0 | 11° 2 11° 4 | 19°10 19° 9 | 18°11 18° 8 | 6°10 6°17 | 5°24 5°21 | T 19 W20 |
| W20 T 21 | 1 56 29 2 0 26 | 27°18'30 28°17'19 | 18°45 2 Ω 51 | 10°30 | 11°14 12°28 | 8°15 | 17°17 | 26°53 26°49 | 1°34 | 23° 0 | 11° 4 | 19° 9 | 18° 5 | 6°24 | 5°18 | T 21 |
| F 22 | 2 4 22 | 29°16'10 | 16°59 | 11°35 | 13°43 | 8°53 | 17° 2 | 26°44 | 1°39 | 23° 1 | 11° 9 | 19°R 9 | 18° 2 | 6°30 | 5°16 | F 22 |
| S 23 | 2 8 19 | 0M15'03 | 1 m) 8 | 12°47 | 14°57 | 9°31 | 16°54 | 26°39 | 1°41 | 23° 2 | 11°11 | 19° 8 | 17°59 | 6°37 | 5°13 | S 23 |
| S 24 | 2 12 16 | 1°13'59 | 15°16 | 14° 5 | 16°12 | 10° 9 | 16°47 | 26°35 | 1°43 | 23° 2 | 11°14 | 19° 6 | 17°55 | 6°43 | 5°10 | S 24 |
| M25 | 2 16 12 | 2°12'56 | 29°21 | 15°27 | 17°26 | 10°47 | 16°39 | 26°30 | 1°46 | 23° 3 | 11°16 | 19° 1 | 17°52 | 6°50 | 5°8 | M25 |
| T 26 | 2 20 9 | 3°11'56 | 13 ₾ 19 | 16°54 | 18°40 | 11°25 | 16°32 | 26°25 | 1°48 | 23° 4 | 11°18 | 18°53 | 17°49 | 6°57 | 5° 5 | T 26 |
| W27 T 28 | 2 24 5 2 28 2 | 4°10'58 5°10'01 | 27° 7 10 M -42 | 18°25 19°59 | 19°55 21° 9 | 12° 3 12°41 | 16°25 16°18 | 26°21 26°16 | 1°50 1°52 | 23° 5 23° 5 | 11°21 11°23 | 18°43 18°30 | 17°46 17°43 | 7° 3 7°10 | 5° 2 4°59 | W27 T 28 |
| F 29 | 2 31 58 | 6° 9'07 | 23°58 | 21°36 | 22°24 | 13°19 | 16°11 | 26°12 | 1°54 | 23° 6 | 11°25 | 18°18 | 17°40 | 7°17 | 4°57 | F 29 |
| S 30 | 2 35 55 | 7° 8'15 | 6 ₹ 56 | 23°15 | 23°38 | 13°57 | 16° 4 | 26° 7 | 1°56 | 23° 7 | 11°28 | 18° 6 | 17°36 | 7°23 | 4°54 | S 30 |
| S 31 | 2 39 51 | 8 M 7'24 | 19 × 35 | 24 ₽ 56 | 24 M 52 | 14 ₾ 35 | 15 Y 57 | 26 Y 3 | 1 m) 58 | 23පි 8 | 11 M 30 | 17 Q 56 | 17 Q 33 | 7≈30 | 4 8 51 | S 31 |

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| Day | Sid.t | 0 | D | ğ | Ŷ | ð | 4 | ħ |)Å(| 卉 | В | n | v | ţ | , o | Day |
|------|---------|-------------------|----------------|-----------------|---------------|----------------|----------------|----------------|---------|----------------|----------------|----------------|----------------|-------|---------------|------|
| M 1 | 2 43 48 | 9M 6'35 | 1 る 55 | 26 ♀ 38 | 26 M 7 | 15 ≏ 13 | 15°R50 | 25°R58 | 2 Mp 0 | 23궁 9 | 11 M 33 | 17°R49 | 17 Ω 30 | 7≈37 | 4°R49 | M 1 |
| T 2 | 2 47 45 | 10° 5'48 | 14° 1 | 28°20 | 27°21 | 15°50 | 15 Y 43 | 25 Y 54 | 2° 2 | 23°10 | 11°35 | 17 Ω 44 | 17°27 | 7°43 | 4 8 46 | T 2 |
| W 3 | 2 51 41 | 11° 5'03 | 25°56 | 0 M 4 | 28°36 | 16°28 | 15°37 | 25°49 | 2° 4 | 23°11 | 11°37 | 17°41 | 17°24 | 7°50 | 4°43 | W 3 |
| T 4 | 2 55 38 | 12° 4'19 | 7 ≈ 45 | 1°48 | 29°50 | 17° 6 | 15°30 | 25°45 | 2° 6 | 23°12 | 11°40 | 17°41 | 17°20 | 7°57 | 4°40 | T 4 |
| F 5 | 2 59 34 | 13° 3'37 | 19°33 | 3°32 | 1 才 4 | 17°44 | 15°24 | 25°41 | 2° 7 | 23°13 | 11°42 | 17°41 | 17°17 | 8° 3 | 4°38 | F 5 |
| S 6 | 3 3 3 1 | 14° 2'57 | 1 ∺ 27 | 5°17 | 2°19 | 18°22 | 15°18 | 25°36 | 2° 9 | 23°14 | 11°45 | 17°40 | 17°14 | 8°10 | 4°35 | S 6 |
| S 7 | 3 7 27 | 15° 2'18 | 13°30 | 7° 1 | 3°33 | 19° 0 | 15°12 | 25°32 | 2°11 | 23°15 | 11°47 | 17°38 | 17°11 | 8°17 | 4°32 | S 7 |
| M 8 | 3 11 24 | 16° 1'42 | 25°49 | 8°45 | 4°48 | 19°38 | 15° 6 | 25°28 | 2°12 | 23°16 | 11°49 | 17°34 | 17° 8 | 8°23 | 4°30 | M 8 |
| T 9 | 3 15 20 | 17° 1'06 | 8 Ƴ 27 | 10°29 | 6° 2 | 20°16 | 15° 1 | 25°24 | 2°14 | 23°17 | 11°52 | 17°27 | 17° 5 | 8°30 | 4°27 | T 9 |
| W10 | 3 19 17 | 18° 0'33 | 21°27 | 12°12 | 7°16 | 20°53 | 14°55 | 25°20 | 2°15 | 23°18 | 11°54 | 17°17 | 17° 1 | 8°36 | 4°25 | W10 |
| T 11 | 3 23 14 | 19° 0'01 | 4848 | 13°56 | 8°31 | 21°31 | 14°50 | 25°16 | 2°17 | 23°19 | 11°56 | 17° 6 | 16°58 | 8°43 | 4°22 | T 11 |
| F 12 | 3 27 10 | 19°59'32 | 18°30 | 15°38 | 9°45 | 22° 9 | 14°45 | 25°12 | 2°18 | 23°21 | 11°59 | 16°53 | 16°55 | 8°50 | 4°19 | F 12 |
| S 13 | 3 31 7 | 20°59'04 | 2∏30 | 17°20 | 10°59 | 22°47 | 14°40 | 25° 8 | 2°20 | 23°22 | 12° 1 | 16°41 | 16°52 | 8°56 | 4°17 | S 13 |
| S 14 | 3 35 3 | 21°58'38 | 16°41 | 19° 2 | 12°14 | 23°25 | 14°35 | 25° 4 | 2°21 | 23°23 | 12° 4 | 16°30 | 16°49 | 9° 3 | 4°14 | S 14 |
| M15 | 3 39 0 | 22°58'15 | 199 0 | 20°43 | 13°28 | 24° 3 | 14°30 | 25° 0 | 2°22 | 23°24 | 12° 6 | 16°22 | 16°45 | 9°10 | 4°12 | M15 |
| T 16 | 3 42 56 | 23°57'54 | 15°20 | 22°24 | 14°43 | 24°40 | 14°26 | 24°56 | 2°23 | 23°26 | 12° 8 | 16°16 | 16°42 | 9°16 | 4° 9 | T 16 |
| W17 | 3 46 53 | 24°57'34 | 29°37 | 24° 4 | 15°57 | 25°18 | 14°21 | 24°52 | 2°25 | 23°27 | 12°11 | 16°14 | 16°39 | 9°23 | 4° 7 | W17 |
| T 18 | 3 50 49 | 25°57'17 | 13 £ 50 | 25°43 | 17°11 | 25°56 | 14°17 | 24°49 | 2°26 | 23°29 | 12°13 | 16°D13 | 16°36 | 9°30 | 4° 4 | T 18 |
| F 19 | 3 54 46 | 26°57'02 | 27°56 | 27°22 | 18°26 | 26°34 | 14°13 | 24°45 | 2°27 | 23°30 | 12°15 | 16°R13 | 16°33 | 9°36 | 4° 2 | F 19 |
| S 20 | 3 58 43 | 27°56'49 | 11 m 54 | 29° 1 | 19°40 | 27°12 | 14° 9 | 24°42 | 2°28 | 23°31 | 12°18 | 16°13 | 16°30 | 9°43 | 3°59 | S 20 |
| S 21 | 4 2 39 | 28°56'39 | 25°44 | 0 ₮ 39 | 20°54 | 27°50 | 14° 6 | 24°38 | 2°29 | 23°33 | 12°20 | 16°10 | 16°26 | 9°50 | 3°57 | S 21 |
| M22 | 4 6 36 | 29°56'30 | 9 ≏ 27 | 2°16 | 22° 9 | 28°27 | 14° 2 | 24°35 | 2°29 | 23°34 | 12°22 | 16° 5 | 16°23 | 9°56 | 3°54 | M22 |
| T 23 | 4 10 32 | 0 ₮ 56'24 | 23° 0 | 3°53 | 23°23 | 29° 5 | 13°59 | 24°32 | 2°30 | 23°36 | 12°25 | 15°57 | 16°20 | 10° 3 | 3°52 | T 23 |
| W24 | 4 14 29 | 1°56'20 | 6 M 23 | 5°29 | 24°37 | 29°43 | 13°56 | 24°28 | 2°31 | 23°37 | 12°27 | 15°47 | 16°17 | 10° 9 | 3°50 | W24 |
| T 25 | 4 18 25 | 2°56'17 | 19°34 | 7° 6 | 25°52 | 0 M 21 | 13°53 | 24°25 | 2°32 | 23°39 | 12°29 | 15°35 | 16°14 | 10°16 | 3°47 | T 25 |
| F 26 | 4 22 22 | 3°56'17 | 2 ₹ 32 | 8°41 | 27° 6 | 0°59 | 13°51 | 24°22 | 2°32 | 23°41 | 12°31 | 15°22 | 16°11 | 10°23 | 3°45 | F 26 |
| S 27 | 4 26 18 | 4°56'18 | 15°15 | 10°16 | 28°20 | 1°36 | 13°48 | 24°19 | 2°33 | 23°42 | 12°34 | 15°10 | 16° 7 | 10°29 | 3°43 | S 27 |
| S 28 | 4 30 15 | 5°56'22 | 27°43 | 11°51 | 29°35 | 2°14 | 13°46 | 24°16 | 2°34 | 23°44 | 12°36 | 14°59 | 16° 4 | 10°36 | 3°41 | S 28 |
| M29 | 4 34 12 | 6°56'26 | 9 궁 57 | 13°25 | 0 조 49 | 2°52 | 13°44 | 24°14 | 2°34 | 23°46 | 12°38 | 14°51 | 16° 1 | 10°43 | 3°39 | M29 |
| T 30 | 4 38 8 | 7 . ₹56'33 | 21 る 58 | 14 × 759 | 2 る 4 | 3 M .30 | 13 Y 42 | 24 Υ 11 | 2 Mp 35 | 23 궁 47 | 12 M 40 | 14 Ω 46 | 15 Ω 58 | 10≈49 | 3 8 36 | T 30 |

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|--------------|--------------------|----------------------------|------------------------|-------------------------|-----------------------|----------------|----------------|------------------------|--------------|----------------|-------------------|-----------------|----------------|----------------|---------------|-------------|
| W 1 | 4 42 5 | 8 √ 56'41 | 3≈51 | 16 ₹ 33 | 3 ට 18 | 4M 7 | 13°R41 | 24°R 8 | 2 Mp 35 | 23 궁 49 | 12 M 43 | 14°R43 | 15 Ω 55 | 10≈56 | 3°R34 | W 1 |
| T 2 | 4 46 1 | 9°56'50 | 15°38 | 18° 6 | 4°32 | 4°45 | 13 Y 39 | 24 Y 6 | 2°35 | 23°51 | 12°45 | 14°D43 | 15°51 | 11° 3 | 3 8 32 | T 2 |
| F 3 | 4 49 58 | 10°57'01 | 27°25 | 19°39 | 5°47 | 5°23 | 13°38 | 24° 3 | 2°36 | 23°52 | 12°47 | 14 Ω 43 | 15°48 | 11° 9 | 3°30 | F 3 |
| S 4 | 4 53 54 | 11°57'14 | 9) 17 | 21°12 | 7° 1 | 6° 1 | 13°37 | 24° 1 | 2°36 | 23°54 | 12°49 | 14°R44 | 15°45 | 11°16 | 3°28 | S 4 |
| S 5 | 4 57 51 | 12°57'28 | 21°19 | 22°44 | 8°15 | 6°38 | 13°36 | 23°59 | 2°36 | 23°56 | 12°51 | 14°44 | 15°42 | 11°23 | 3°26 | S 5 |
| M 6 | 5 1 47 | 13°57'43 | 3 Y 37 | 24°16 | 9°29 | 7°16 | 13°36 | 23°57 | 2°36 | 23°58 | 12°53 | 14°41 | 15°39 | 11°29 | 3°24 | M 6 |
| T 7 | 5 5 44 | 14°57'59 | 16°16 | 25°48 | 10°44 | 7°54 | 13°35 | 23°54 | 2°36 | 24° 0 | 12°55 | 14°37 | 15°36 | 11°36 | 3°22 | T 7 |
| W 8 | 5 9 41 | 15°58'17 | 29°19 | 27°19 | 11°58 | 8°32 | 13°D35 | 23°53 | 2°R36 | 24° 2 | 12°57 | 14°30 | 15°32 | 11°43 | 3°21 | W 8 |
| T 9 | 5 13 37 | 16°58'36 | 12848 | 28°50 | 13°12 | 9° 9 | 13°35 | 23°51 | 2°36 | 24° 3 | 13° 0 | 14°22 | 15°29 | 11°49 | 3°19 | T 9 |
| F 10 | 5 17 34 | 17°58'57 | 26°43 | 0 궁 21 | 14°27 | 9°47 | 13°36 | 23°49 | 2°36 | 24° 5 | 13° 2 | 14°12 | 15°26 | 11°56 | 3°17 | F 10 |
| S 11 | 5 21 30 | 18°59'19 | 11 II 0 | 1°51 | 15°41 | 10°25 | 13°36 | 23°47 | 2°36 | 24° 7 | 13° 4 | 14° 3 | 15°23 | 12° 2 | 3°15 | S 11 |
| S 12 | 5 25 27 | 19°59'43 | 25°35 | 3°21 | 16°55 | 11° 2 | 13°37 | 23°46 | 2°36 | 24° 9 | 13° 6 | 13°55 | 15°20 | 12° 9 | 3°14 | S 12 |
| M13 | 5 29 23 | 21° 0'09 | 109519 | 4°51 | 18° 9 | 11°40 | 13°38 | 23°44 | 2°35 | 24°11 | 13° 8 | 13°49 | 15°17 | 12°16 | 3°12 | M13 |
| T 14 | 5 33 20 | 22° 0'35 | 25° 6 | 6°21 | 19°23 | 12°18 | 13°39 | 23°43 | 2°35 | 24°13 | 13°10 | 13°45 | 15°13 | 12°22 | 3°10 | T 14 |
| W15 | 5 37 16 | 23° 1'04 | 9 Ω 48 | 7°50 | 20°38 | 12°55 | 13°40 | 23°42 | 2°35 | 24°15 | 13°12 | 13°D43 | 15°10 | 12°29 | 3° 9 | W15 |
| T 16 | 5 41 13 | 24° 1'34 | 24°19 | 9°19 | 21°52 | 13°33 | 13°42 | 23°40 | 2°34 | 24°17 | 13°14 | 13°44 | 15° 7 | 12°36 | 3° 7 | T 16 |
| F 17 | 5 45 10 | 25° 2'06 | 8M)36 | 10°47 | 23° 6 | 14°11 | 13°43 | 23°39 | 2°34 | 24°19 | 13°15 | 13°45 | 15° 4 | 12°42 | 3° 6 3° 5 | F 17 |
| S 18 | 5 49 6 | 26° 2'40 | 22°38 | 12°15 | 24°20 | 14°48 | 13°45 | 23°38 | 2°33 | 24°21 | 13°17 | 13°R46 | 15° 1 | 12°49 | | S 18 |
| S 19 | 5 53 3 | 27° 3'15 | 6 ≏ 23 | 13°42 | 25°34 | 15°26 | 13°47 | 23°37 | 2°33 | 24°23 | 13°19 | 13°45 | 14°57 | 12°56 | 3° 3 | S 19 |
| M20 | 5 56 59 | 28° 3'52 | 19°53 | 15° 9 | 26°49 | 16° 4 | 13°50 | 23°37 | 2°32 | 24°25 | 13°21 | 13°43 | 14°54 | 13° 2 | 3° 2 | M20 |
| T 21 | 6 0 56 | 29° 4'30 | 3M 9 | 16°35 | 28° 3 | 16°41 | 13°52 | 23°36 | 2°31 | 24°27 | 13°23 | 13°39 | 14°51 | 13° 9 | 3° 1 | T 21 |
| W22 | 6 4 52 6 8 49 | 0 る 5'10 1° 5'51 | 16°11 29° 0 | 18° 1 19°25 | 29°17 | 17°19 17°57 | 13°55 13°58 | 23°36 23°35 | 2°30 | 24°30 24°32 | 13°25 13°27 | 13°32 13°25 | 14°48 | 13°16 13°22 | 3° 0 2°58 | W22 T 23 |
| T 23 F 24 | 6 12 45 | 2° 6'34 | 11 × 736 | 20°49 | 0 ≈ 31 1°45 | 18°34 | 13°38 14° 1 | 23°35 | 2°30 2°29 | 24°32 24°34 | 13°27 13°28 | 13°23 | 14°45 14°42 | 13°22 13°29 | 2°57 | F 24 |
| S 25 | 6 16 42 | 3° 7'19 | 24° 1 | 20°11 | 2°59 | 19°12 | 14° 1 | 23°35 | 2°28 | 24°36 | 13°30 | 13° 9 | 14°38 | 13°35 | 2°56 | S 25 |
| | | | | | | - | | | | | | | | | | |
| S 26 | 6 20 39 | 4° 8'04 | 6 궁 15 | 23°32 | 4°13 | 19°50 | 14° 8 | 23°34 | 2°27 | 24°38 | 13°32 | 13° 3 | 14°35 | 13°42 | 2°55 | S 26 |
| M27 | 6 24 35 | 5° 8'51 | 18°20 | 24°51 | 5°27 | 20°27 | 14°11 | 23°D34 | 2°26 | 24°40 | 13°33 | 12°58 | 14°32 | 13°49 | 2°54 | M27 |
| T 28 W29 | 6 28 32 6 32 28 | 6° 9'38 7°10'27 | 0 ≈ 15 12° 5 | 26° 9 27°24 | 6°41 7°56 | 21° 5 21°42 | 14°15 14°19 | 23°35 23°35 | 2°25 2°24 | 24°42 24°45 | 13°35 13°37 | 12°55 12°D54 | 14°29 14°26 | 13°55 14° 2 | 2°53 2°53 | T 28 W29 |
| T 30 | 6 36 25 | 8°11'16 | 23°51 | 28°37 | 9°10 | 21°42 22°20 | 14°19 | 23°35 23°35 | 2°22 | 24°43 24°47 | 13°37 | 12°55 | 14°26 | 14° 2 | 2°52 | T 30 |
| F 31 | 6 40 21 | 9 ප 12'07 | 5) (37 | 28 37 29 중 48 | 10 ≈ 24 | 22 m 57 | $14^{\circ}24$ | $23^{\circ}35^{\circ}$ | 2 m 21 | 24 3 49 | 13 % 13 % 13 ML40 | 12.057 | $14 \Omega 19$ | 14×15 | 2 8 51 | F 31 |
| - 51 | 3 10 21 | J - 12 01 | 5,(5) | | 10.0.27 | -211007 | 11.20 | | ו בי אוי ב | | 1311010 | 12000/ | 1.0017 | 1 10 0 .13 | 2001 | 1 |

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|------|---------|----------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|-----------------|----------------|-----------------|-------|---------------|------|
| S 1 | 6 44 18 | 10ට12'58 | 17 ∺ 28 | 0≈55 | 11 ≈ 38 | 23 M 35 | 14 Y 33 | 23 Y 36 | 2°R20 | 24 궁 51 | 13 M 41 | 12 N 58 | 14 \O 16 | 14≈22 | 2°R50 | S 1 |
| S 2 | 6 48 15 | 11°13'50 | 29°29 | 1°58 | 12°51 | 24°13 | 14°37 | 23°37 | 2 m 19 | 24°53 | 13°43 | 13° 0 | 14°13 | 14°29 | 2 8 50 | S 2 |
| M 3 | 6 52 11 | 12°14'42 | 11 Y 44 | 2°57 | 14° 5 | 24°50 | 14°42 | 23°37 | 2°17 | 24°56 | 13°44 | 13°R 1 | 14°10 | 14°35 | 2°49 | M 3 |
| T 4 | 6 56 8 | 13°15'35 | 24°18 | 3°51 | 15°19 | 25°28 | 14°48 | 23°38 | 2°16 | 24°58 | 13°46 | 13° 0 | 14° 7 | 14°42 | 2°49 | T 4 |
| W 5 | 7 0 4 | 14°16'29 | 7 8 16 | 4°40 | 16°33 | 26° 5 | 14°53 | 23°39 | 2°14 | 25° 0 | 13°47 | 12°58 | 14° 3 | 14°49 | 2°48 | W 5 |
| T 6 | 7 4 1 | 15°17'23 | 20°40 | 5°22 | 17°47 | 26°43 | 14°59 | 23°40 | 2°13 | 25° 2 | 13°49 | 12°55 | 14° 0 | 14°55 | 2°48 | T 6 |
| F 7 | 7 7 57 | 16°18'18 | 4 Ⅱ 33 | 5°57 | 19° 1 | 27°20 | 15° 4 | 23°41 | 2°11 | 25° 4 | 13°50 | 12°51 | 13°57 | 15° 2 | 2°47 | F 7 |
| S 8 | 7 11 54 | 17°19'13 | 18°53 | 6°24 | 20°15 | 27°58 | 15°10 | 23°43 | 2°10 | 25° 7 | 13°51 | 12°47 | 13°54 | 15° 8 | 2°47 | S 8 |
| S 9 | 7 15 50 | 18°20'09 | 3937 | 6°42 | 21°28 | 28°35 | 15°16 | 23°44 | 2° 8 | 25° 9 | 13°53 | 12°44 | 13°51 | 15°15 | 2°47 | S 9 |
| M10 | 7 19 47 | 19°21'06 | 18°36 | 6°R50 | 22°42 | 29°13 | 15°23 | 23°46 | 2° 7 | 25°11 | 13°54 | 12°41 | 13°48 | 15°22 | 2°47 | M10 |
| T 11 | 7 23 44 | 20°22'03 | 3 Ω 43 | 6°47 | 23°56 | 29°50 | 15°29 | 23°47 | 2° 5 | 25°13 | 13°55 | 12°40 | 13°44 | 15°28 | 2°47 | T 11 |
| W12 | 7 27 40 | 21°23'01 | 18°48 | 6°33 | 25° 9 | 0 ∡ 27 | 15°36 | 23°49 | 2° 3 | 25°16 | 13°56 | 12°D40 | 13°41 | 15°35 | 2°46 | W12 |
| T 13 | 7 31 37 | 22°24'00 | 3 m 44 | 6° 8 | 26°23 | 1° 5 | 15°42 | 23°51 | 2° 1 | 25°18 | 13°58 | 12°41 | 13°38 | 15°42 | 2°D46 | T 13 |
| F 14 | 7 35 33 | 23°24'59 | 18°22 | 5°30 | 27°37 | 1°42 | 15°49 | 23°53 | 1°59 | 25°20 | 13°59 | 12°42 | 13°35 | 15°48 | 2°46 | F 14 |
| S 15 | 7 39 30 | 24°26'00 | 2 ₾ 38 | 4°42 | 28°50 | 2°20 | 15°57 | 23°55 | 1°58 | 25°23 | 14° 0 | 12°43 | 13°32 | 15°55 | 2°47 | S 15 |
| S 16 | 7 43 26 | 25°27'01 | 16°32 | 3°43 | 0 ∺ 4 | 2°57 | 16° 4 | 23°57 | 1°56 | 25°25 | 14° 1 | 12°44 | 13°29 | 16° 2 | 2°47 | S 16 |
| M17 | 7 47 23 | 26°28'02 | OM 3 | 2°35 | 1°17 | 3°34 | 16°11 | 23°59 | 1°54 | 25°27 | 14° 2 | 12°R44 | 13°25 | 16° 8 | 2°47 | M17 |
| T 18 | 7 51 19 | 27°29'05 | 13°13 | <u>1°19</u> | 2°31 | 4°12 | 16°19 | 24° 1 | 1°52 | 25°29 | 14° 3 | 12°44 | 13°22 | 16°15 | 2°47 | T 18 |
| W19 | 7 55 16 | 28°30'08 | 26° 3 | 29 궁 59 | 3°44 | 4°49 | 16°26 | 24° 4 | 1°50 | 25°32 | 14° 4 | 12°42 | 13°19 | 16°22 | 2°47 | W19 |
| T 20 | 7 59 13 | 29°31'12 | 8 ∡ 37 | 28°37 | 4°57 | 5°27 | 16°34 | 24° 6 | 1°48 | 25°34 | 14° 5 | 12°41 | 13°16 | 16°28 | 2°48 | T 20 |
| F 21 | 8 3 9 | 0≈32'16 | 20°58 | 27°15 | 6°11 | 6° 4 | 16°42 | 24° 9 | 1°45 | 25°36 | 14° 6 | 12°39 | 13°13 | 16°35 | 2°48 | F 21 |
| S 22 | 8 7 6 | 1°33'21 | 3 궁 8 | 25°57 | 7°24 | 6°41 | 16°51 | 24°12 | 1°43 | 25°38 | 14° 7 | 12°37 | 13° 9 | 16°42 | 2°49 | S 22 |
| S 23 | 8 11 2 | 2°34'27 | 15° 9 | 24°44 | 8°37 | 7°19 | 16°59 | 24°14 | 1°41 | 25°41 | 14° 8 | 12°35 | 13° 6 | 16°48 | 2°49 | S 23 |
| M24 | 8 14 59 | 3°35'32 | 27° 3 | 23°39 | 9°50 | 7°56 | 17° 7 | 24°17 | 1°39 | 25°43 | 14° 8 | 12°34 | 13° 3 | 16°55 | 2°50 | M24 |
| T 25 | 8 18 55 | 4°36'38 | 8≈53 | 22°43 | 11° 3 | 8°33 | 17°16 | 24°20 | 1°37 | 25°45 | 14° 9 | 12°D34 | 13° 0 | 17° 1 | 2°50 | T 25 |
| W26 | 8 22 52 | 5°37'44 | 20°40 | 21°56 | 12°16 | 9°10 | 17°25 | 24°23 | 1°35 | 25°47 | 14°10 | 12°34 | 12°57 | 17° 8 | 2°51 | W26 |
| T 27 | 8 26 48 | 6°38'49 | 2)(27 | 21°20 | 13°29 | 9°48 | 17°34 | 24°27 | 1°32 | 25°50 | 14°11 | 12°35 | 12°54 | 17°15 | 2°52 | T 27 |
| F 28 | 8 30 45 | 7°39'55 | 14°16 | 20°54 | 14°42 | 10°25 | 17°43 | 24°30 | 1°30 | 25°52 | 14°11 | 12°35 | 12°50 | 17°21 | 2°53 | F 28 |
| S 29 | 8 34 42 | 8°41'01 | 26°11 | 20°38 | 15°55 | 11° 2 | 17°52 | 24°33 | 1°28 | 25°54 | 14°12 | 12°36 | 12°47 | 17°28 | 2°54 | S 29 |
| S 30 | 8 38 38 | 9°42'06 | 8 Υ 13 | 20°D31 | 17° 8 | 11°39 | 18° 1 | 24°37 | 1°25 | 25°56 | 14°13 | 12°36 | 12°44 | 17°35 | 2°54 | S 30 |
| M31 | 8 42 35 | 10≈43'11 | 20 Y 28 | 20 궁 34 | 18 ∺ 21 | 12 × 16 | 18 Y 11 | 24 Y 40 | 1 m 23 | 25 る 59 | 14 M L13 | 12 Ω 36 | 12 Ω 41 | 17≈41 | 2 8 55 | M31 |

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|------|----------|-------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|---------------|----------------|-----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 8 46 31 | 11 ≈ 44'16 | 3 8 0 | 20 궁 45 | 19) 33 | 12 × 753 | 18 Y 20 | 24 Y 44 | 1°R20 | 26 ට 1 | 14 M .14 | 12 Ω 36 | 12 Ω 38 | 17 ≈ 48 | 2 8 56 | T 1 |
| W 2 | 8 50 28 | 12°45'20 | 15°51 | 21° 3 | 20°46 | 13°31 | 18°30 | 24°48 | 1 m 18 | 26° 3 | 14°14 | 12°36 | 12°35 | 17°55 | 2°58 | W 2 |
| T 3 | 8 54 24 | 13°46'24 | 29° 6 | 21°29 | 21°59 | 14° 8 | 18°40 | 24°52 | 1°16 | 26° 5 | 14°15 | 12°36 | 12°31 | 18° 1 | 2°59 | T 3 |
| F 4 | 8 58 21 | 14°47'28 | 12 Ⅱ 47 | 22° 0 | 23°11 | 14°45 | 18°50 | 24°56 | 1°13 | 26° 7 | 14°15 | 12°37 | 12°28 | 18° 8 | 3° 0 | F 4 |
| S 5 | 9 2 17 | 15°48'31 | 26°56 | 22°38 | 24°24 | 15°22 | 19° 0 | 25° 0 | 1°11 | 26° 9 | 14°15 | 12°37 | 12°25 | 18°15 | 3° 1 | S 5 |
| S 6 | 9 6 14 | 16°49'33 | 11930 | 23°21 | 25°36 | 15°59 | 19°10 | 25° 4 | 1°8 | 26°12 | 14°16 | 12°37 | 12°22 | 18°21 | 3° 2 | S 6 |
| M 7 | 9 10 11 | 17°50'35 | 26°25 | 24° 8 | 26°48 | 16°36 | 19°21 | 25° 8 | 1° 6 | 26°14 | 14°16 | 12°38 | 12°19 | 18°28 | 3° 4 | M 7 |
| T 8 | 9 14 7 | 18°51'37 | 11 Ω 35 | 25° 0 | 28° 0 | 17°13 | 19°31 | 25°12 | 1° 3 | 26°16 | 14°16 | 12°R38 | 12°15 | 18°34 | 3° 5 | T 8 |
| W 9 | 9 18 4 | 19°52'38 | 26°51 | 25°55 | 29°12 | 17°50 | 19°42 | 25°17 | 1° 1 | 26°18 | 14°17 | 12°38 | 12°12 | 18°41 | 3° 6 | W 9 |
| T 10 | 9 22 0 | 20°53'39 | 12 m y 1 | 26°53 | 0 Υ 24 | 18°27 | 19°52 | 25°21 | 0°58 | 26°20 | 14°17 | 12°37 | 12° 9 | 18°48 | 3° 8 | T 10 |
| F 11 | 9 25 57 | 21°54'39 | 26°58 | 27°55 | 1°36 | 19° 4 | 20° 3 | 25°26 | 0°55 | 26°22 | 14°17 | 12°36 | 12° 6 | 18°54 | 3°10 | F 11 |
| S 12 | 9 29 53 | 22°55'39 | 11 ≏ 33 | 28°59 | 2°48 | 19°41 | 20°14 | 25°30 | 0°53 | 26°24 | 14°17 | 12°35 | 12° 3 | 19° 1 | 3°11 | S 12 |
| S 13 | 9 33 50 | 23°56'39 | 25°42 | 0≈ 6 | 4° 0 | 20°18 | 20°25 | 25°35 | 0°50 | 26°26 | 14°17 | 12°34 | 12° 0 | 19° 8 | 3°13 | S 13 |
| M14 | 9 37 46 | 24°57'38 | 9 M 24 | 1°15 | 5°11 | 20°54 | 20°36 | 25°40 | 0°48 | 26°28 | 14°17 | 12°33 | 11°56 | 19°14 | 3°14 | M14 |
| T 15 | 9 41 43 | 25°58'38 | 22°38 | 2°26 | 6°23 | 21°31 | 20°47 | 25°45 | 0°45 | 26°30 | 14°R17 | 12°D32 | 11°53 | 19°21 | 3°16 | T 15 |
| W16 | 9 45 40 | 26°59'37 | 5 ₹ 28 | 3°39 | 7°34 | 22° 8 | 20°59 | 25°50 | 0°42 | 26°32 | 14°17 | 12°32 | 11°50 | 19°28 | 3°18 | W16 |
| T 17 | 9 49 36 | 28° 0'35 | 17°58 | 4°54 | 8°46 | 22°45 | 21°10 | 25°55 | 0°40 | 26°34 | 14°17 | 12°33 | 11°47 | 19°34 | 3°20 | T 17 |
| F 18 | 9 53 33 | 29° 1'33 | 0 궁 11 | 6°10 | 9°57 | 23°22 | 21°21 | 26° 0 | 0°37 | 26°36 | 14°17 | 12°34 | 11°44 | 19°41 | 3°22 | F 18 |
| S 19 | 9 57 29 | 0 米 2'31 | 12°11 | 7°27 | 11° 8 | 23°58 | 21°33 | 26° 5 | 0°35 | 26°38 | 14°17 | 12°36 | 11°41 | 19°48 | 3°24 | S 19 |
| S 20 | 10 1 26 | 1° 3'28 | 24° 4 | 8°46 | 12°19 | 24°35 | 21°45 | 26°10 | 0°32 | 26°40 | 14°17 | 12°37 | 11°37 | 19°54 | 3°26 | S 20 |
| M21 | 10 5 22 | 2° 4'25 | 5≈52 | 10° 6 | 13°30 | 25°12 | 21°57 | 26°15 | 0°29 | 26°42 | 14°17 | 12°38 | 11°34 | 20° 1 | 3°28 | M21 |
| T 22 | 10 9 19 | 3° 5'21 | 17°39 | 11°28 | 14°41 | 25°48 | 22° 9 | 26°21 | 0°27 | 26°44 | 14°17 | 12°R38 | 11°31 | 20° 8 | 3°30 | T 22 |
| W23 | 10 13 15 | 4° 6'15 | 29°26 | 12°50 | 15°51 | 26°25 | 22°21 | 26°26 | 0°24 | 26°46 | 14°16 | 12°37 | 11°28 | 20°14 | 3°32 | W23 |
| T 24 | 10 17 12 | 5° 7'09 | 11 米 17 | 14°14 | 17° 2 | 27° 2 | 22°33 | 26°32 | 0°21 | 26°48 | 14°16 | 12°35 | 11°25 | 20°21 | 3°34 | T 24 |
| F 25 | 10 21 9 | 6° 8'03 | 23°13 | 15°38 | 18°12 | 27°38 | 22°45 | 26°37 | 0°19 | 26°50 | 14°16 | 12°32 | 11°21 | 20°27 | 3°36 | F 25 |
| S 26 | 10 25 5 | 7° 8'55 | 5 Υ 16 | 17° 4 | 19°23 | 28°15 | 22°57 | 26°43 | 0°16 | 26°52 | 14°15 | 12°28 | 11°18 | 20°34 | 3°38 | S 26 |
| S 27 | 10 29 2 | 8° 9'45 | 17°28 | 18°30 | 20°33 | 28°51 | 23° 9 | 26°49 | 0°14 | 26°54 | 14°15 | 12°23 | 11°15 | 20°41 | 3°41 | S 27 |
| M28 | 10 32 58 | 9 ∺ 10'35 | 29 Y 51 | 19 ≈ 58 | 21 Y 43 | 29 × 28 | 23 Y 22 | 26 Y 54 | 0 m 11 | 26 ප 55 | 14 M J5 | 12 Ω 19 | 11 Ω 12 | 20≈47 | 3 8 43 | M28 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| 并 | Р | ₽. | Ω | Ç | o k | Day |
|--------------|----------------------|----------------------|------------------------|-------------------------|----------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|----------------|---------------|--------------|
| T 1 | 10 36 55 | 10) 11'24 | 12827 | 21≈26 | 22 Y 53 | 0 පි 4 | 23 Y 34 | 27 Y 0 | 0°R 8 | 26 궁 57 | 14°R14 | 12°R15 | 11 0 9 | 20≈54 | 3 8 45 | T 1 |
| W 2 | 10 40 51 | 11°12'11 | 25°19 | 22°55 | 24° 3 | 0°40 | 23°47 | 27° 6 | 0 m y 6 | 26°59 | 14ML14 | 12 Ω 12 | 11° 6 | 21° 1 | 3°48 | W 2 |
| T 3 | 10 44 48 | 12°12'57 | 8 Ⅱ 29 | 24°25 | 25°12 | 1°17 | 23°59 | 27°12 27°18 | 0° 3 0° 1 | 27° 1 27° 2 | 14°13 14°12 | 12°D11 | 11° 2 10°59 | 21° 7 21°14 | 3°50 3°52 | T 3 F 4 |
| F 4 S 5 | 10 48 44 10 52 41 | 13°13'41 14°14'24 | 22° 0 5 9 53 | 25°56 27°28 | 26°22 27°31 | 1°53 2°29 | 24°12 24°25 | 27°18 27°24 | 29 \O 58 | 27° 2 | 14°12 | 12°12 12°13 | 10°59 | 21°14 21°21 | 3°55 | F 4 S 5 |
| | | | | | | | | | | - | | | | | | |
| S 6 M 7 | 10 56 38 11 0 34 | 15°15'06 16°15'46 | 20° 9 4 Ω 46 | 29° 0 0) (34 | 28°40 29°49 | 3° 6 3°42 | 24°38 24°51 | 27°30 27°36 | 29°56 29°53 | 27° 6 27° 7 | 14°11 14°11 | 12°14 12°R16 | 10°53 10°50 | 21°27 21°34 | 3°58 4° 0 | S 6 M 7 |
| T 8 | 11 431 | 10 13 40 17°16'24 | 19°40 | 2° 8 | 0 8 58 | 4°18 | 25° 4 | 27°43 | 29°51 | 27° 9 | 14°10 | 12°16 | 10°46 | 21°41 | 4° 3 | T 8 |
| W 9 | 11 8 27 | 18°17'01 | 4 mp 46 | 3°43 | 2° 6 | 4°54 | 25°17 | 27°49 | 29°48 | 27°11 | 14° 9 | 12°14 | 10°43 | 21°47 | 4° 5 | W 9 |
| T 10 | 11 12 24 | 19°17'37 | 19°53 | 5°19 | 3°15 | 5°30 | 25°30 | 27°55 | 29°46 | 27°12 | 14° 8 | 12°10 | 10°40 | 21°54 | 4° 8 | T 10 |
| F 11 | 11 16 20 | 20°18'11 | 4 ₾ 53 | 6°55 | 4°23 | 6° 6 | 25°43 | 28° 2 | 29°44 | 27°14 | 14° 8 | 12° 5 | 10°37 | 22° 0 | 4°11 | F 11 |
| S 12 | 11 20 17 | 21°18'44 | 19°37 | 8°33 | 5°31 | 6°42 | 25°57 | 28° 8 | 29°41 | 27°15 | 14° 7 | 11°59 | 10°34 | 22° 7 | 4°14 | S 12 |
| S 13 | 11 24 13 | 22°19'16 | 3 M .56 | 10°11 | 6°39 | 7°18 | 26°10 | 28°14 | 29°39 | 27°17 | 14° 6 | 11°53 | 10°31 | 22°14 | 4°16 | S 13 |
| M14 | 11 28 10 | 23°19'47 | 17°49 | 11°51 | 7°47 | 7°54 | 26°23 | 28°21 | 29°36 | 27°18 | 14° 5 | 11°47 | 10°27 | 22°20 | 4°19 | M14 |
| T 15 | 11 32 6 | 24°20'16 | 1 🗷 12 | 13°31 | 8°54 10° 1 | 8°30 9° 6 | 26°37 | 28°28 | 29°34 | 27°20 | 14° 4 | 11°43 | 10°24 | 22°27 | 4°22 | T 15 |
| W16 T 17 | 11 36 3 11 40 0 | 25°20'44 26°21'11 | 14° 8 26°40 | 15°12 16°55 | 10° 1 11° 8 | 9° 6 9°41 | 26°50 27° 4 | 28°34 28°41 | 29°32 29°30 | 27°21 27°22 | 14° 3 14° 2 | 11°40 11°D39 | 10°21 10°18 | 22°34 22°40 | 4°25 4°28 | W16 T 17 |
| F 18 | 11 40 0 | 20°21'11' | 8 건 53 | 18°38 | 12°15 | 10°17 | 27°17 | 28°47 | 29°27 | 27°24 | 14° 1 | 11°40 | 10°15 | 22°47 | 4°31 | F 18 |
| S 19 | 11 47 53 | 28°22'02 | 20°52 | 20°22 | 13°22 | 10°53 | 27°31 | 28°54 | 29°25 | 27°25 | 14° 0 | 11°41 | 10°12 | 22°54 | 4°34 | S 19 |
| S 20 | 11 51 49 | 29°22'25 | 2≈42 | 22° 7 | 14°28 | 11°28 | 27°45 | 29° 1 | 29°23 | 27°26 | 13°59 | 11°43 | 10° 8 | 23° 0 | 4°37 | S 20 |
| M21 | 11 55 46 | 0 Υ 22'47 | 14°28 | 23°53 | 15°34 | 12° 4 | 27°58 | 29° 8 | 29°21 | 27°28 | 13°58 | 11°R43 | 10° 5 | 23° 7 | 4°40 | M21 |
| T 22 | 11 59 42 | 1°23'08 | 26°14 | 25°40 | 16°40 | 12°40 | 28°12 | 29°15 | 29°19 | 27°29 | 13°57 | 11°42 | 10° 2 | 23°14 | 4°43 | T 22 |
| W23 | 12 3 39 | 2°23'27 | 8) 5 | 27°28 | 17°46 | 13°15 | 28°26 | 29°22 | 29°17 | 27°30 | 13°56 | 11°38 | 9°59 | 23°20 | 4°46 | W23 |
| T 24 | 12 7 35 | 3°23'44 | 20° 2 | 29°17 | 18°51 | 13°50 | 28°40 | 29°29 | 29°15 | 27°31 | 13°55 | 11°32 | 9°56 | 23°27 | 4°49 | T 24 |
| F 25 S 26 | 12 11 32 12 15 29 | 4°24'00 5°24'14 | 2 Υ 8 14°24 | 1 Υ 7 2°58 | 19°56 21° 1 | 14°26 15° 1 | 28°54 29° 8 | 29°35 29°42 | 29°13 29°11 | 27°33 27°34 | 13°54 13°52 | 11°24 11°14 | 9°52 9°49 | 23°34 23°40 | 4°52 4°55 | F 25 S 26 |
| | | | | | | - | | - | | | | | | | | 1 1 |
| S 27 M28 | 12 19 25 12 23 22 | 6°24'27 7°24'37 | 26°52 9 8 31 | 4°50 6°43 | 22° 6 23°10 | 15°36 16°11 | 29°22 29°36 | 29°49 29°57 | 29° 9 29° 7 | 27°35 27°36 | 13°51 13°50 | 11° 3 10°53 | 9°46 9°43 | 23°47 23°53 | 4°59 5° 2 | S 27 M28 |
| T 29 | 12 23 22 | 8°24'46 | 22°21 | 8°37 | 23°10 24°14 | 16°11 | 29°50 | 0 8 4 | 29° 7 | 27°37 | 13°49 | 10°53 | 9°43 9°40 | 23°33 24° 0 | 5° 5 | T 29 |
| W30 | 12 31 15 | 9°24'53 | 5 Ⅱ 24 | 10°32 | 25°18 | 17°22 | 08 4 | 0°11 | 29° 3 | 27°38 | 13°47 | 10°37 | 9°37 | 24° 7 | 5° 8 | W30 |
| T 31 | 12 35 11 | 10 Υ 24'58 | 18 Ⅱ 40 | 12 Υ 28 | 26821 | 17 ප් 56 | 0818 | 0818 | 298 1 | 27 궁 39 | 13 M .46 | 10£32 | 9€33 | 24≈13 | 5812 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| ¥ | В | ₽. | Ω | Ç | Š. | Day |
|--------------|----------------------|--------------------|-------------------------|----------------|--------------------------|-----------------------|---------------|---------------|---------------------|--------------------------|--------------------------|----------------|---------------|----------------|---------------|--------------|
| F 1 | 12 39 8 | 11 Y 25'01 | 29510 | 14 Y 24 | 27824 | 18 궁 31 | 0 8 33 | 0 8 25 | 28°R59 | 27 중 40 | 13°R45 | 10°R30 | 9 Ω 30 | 24≈20 | 5 8 15 | F 1 |
| S 2 | 12 43 4 | 12°25'02 | 15°56 | 16°21 | 28°27 | 19° 6 | 0°47 | 0°32 | 28 Ω 58 | 27°41 | 13 M .43 | 10°D29 | 9°27 | 24°27 | 5°18 | S 2 |
| S 3 | 12 47 1 | 13°25'01 | 29°57 | 18°19 | 29°29 | 19°41 | 1° 1 | 0°39 | 28°56 | 27°42 | 13°42 | 10 Ω 30 | 9°24 | 24°33 | 5°22 | S 3 |
| M 4 | 12 50 58 | 14°24'57 | 14Ω14 | 20°17 | 0Д31 | 20°16 | 1°15 | 0°47 | 28°54 | 27°43 | 13°40 | 10°R30 | 9°21 | 24°40 | 5°25 | M 4 |
| T 5 | 12 54 54 | 15°24'52 | 28°46 | 22°15 | 1°33 | 20°50 | 1°30 | 0°54 | 28°53 | 27°43 | 13°39 | 10°29 | 9°18 | 24°47 | 5°28 | T 5 |
| W 6 | 12 58 51 | 16°24'44 | 13 m 28 | 24°13 | 2°34 | 21°25 | 1°44 | 1° 1 | 28°51 | 27°44 | 13°38 | 10°25 | 9°14 | 24°53 | 5°32 | W 6 |
| T 7 | 13 2 47 | 17°24'34 | 28°16 | 26°11 | 3°35 | 21°59 | 1°58 | 1° 9 | 28°50 | 27°45 | 13°36 | 10°19 | 9°11 | 25° 0 | 5°35 | T 7 |
| F 8 | 13 6 44 | 18°24'22 | 13 ♀ 0 | 28° 8 | 4°35 | 22°34 | 2°13 | 1°16 | 28°48 | 27°46 | 13°35 | 10°10 | 9°8 | 25° 7 | 5°38 | F 8 |
| S 9 | 13 10 40 | 19°24'09 | 27°34 | 0 8 5 | 5°35 | 23° 8 | 2°27 | 1°23 | 28°47 | 27°46 | 13°33 | 9°59 | 9° 5 | 25°13 | 5°42 | S 9 |
| S 10 | 13 14 37 | 20°23'53 | 11 M 50 | 2° 0 | 6°35 | 23°42 | 2°41 | 1°31 | 28°46 | 27°47 | 13°32 | 9°48 | 9° 2 | 25°20 | 5°45 | S 10 |
| M11 | 13 18 33 | 21°23'36 | 25°43 | 3°54 | 7°34 | 24°16 | 2°56 | 1°38 | 28°44 | 27°48 | 13°30 | 9°38 | 8°58 | 25°27 | 5°49 | M11 |
| T 12 | 13 22 30 | 22°23'17 | 9 ₹ 10 | 5°46 | 8°33 | 24°50 | 3°10 | 1°45 | 28°43 | 27°48 | 13°29 | 9°29 | 8°55 | 25°33 | 5°52 | T 12 |
| W13 | 13 26 26 | 23°22'57 | 2 <u>2</u> °10 | 7°35 | 9°31 | 25°24 | 3°25 | 1°53 | 28°42 | 27°49 | 13°27 | 9°23 | 8°52 | 25°40 | 5°56 | W13 |
| T 14 | 13 30 23 | 24°22'35 | 4 궁 46 | 9°22 | 10°29 | 25°58 | 3°39 | 2° 0 | 28°41 | 27°49 | 13°25 | 9°19 | 8°49 | 25°47 | 5°59 | T 14 |
| F 15 | 13 34 20 | 25°22'11 | 17° 2 | 11° 6 | 11°26 | 26°32 | 3°54 | 2° 7 | 28°40 | 27°50 | 13°24 | 9°17 | 8°46 | 25°53 | 6° 3 | F 15 |
| S 16 | 13 38 16 | 26°21'45 | 29° 3 | 12°45 | 12°23 | 27° 6 | 4° 8 | 2°15 | 28°39 | 27°50 | 13°22 | 9°D17 | 8°43 | 26° 0 | 6° 6 | S 16 |
| S 17 | 13 42 13 | 27°21'18 | 10≈54 | 14°21 | 13°19 | 27°39 | 4°23 | 2°22 | 28°38 | 27°51 | 13°21 | 9°R17 | 8°39 | 26° 6 | 6°10 | S 17 |
| M18 | 13 46 9 | 28°20'49 | 22°41 | 15°52 | 14°14 | 28°13 | 4°37 | 2°30 | 28°37 | 27°51 | 13°19 | 9°16 | 8°36 | 26°13 | 6°13 | M18 |
| T 19 | 13 50 6 | 29°20'18 | 4) (29 | 17°18 | 15° 9 | 28°46 | 4°52 | 2°37 | 28°36 | 27°51 | 13°17 | 9°14 | 8°33 | 26°20 | 6°17 | T 19 |
| W20 | 13 54 2 | 0819'46 | 16°23 | 18°38 | 16° 4 | 29°20 | 5° 7 | 2°45 | 28°35 | 27°52 | 13°16 | 9° 9 | 8°30 | 26°26 | 6°20 | W20 |
| T 21 | 13 57 59 | 1°19'11 | 28°27 | 19°53 | 16°58 | 29°53 | 5°21 | 2°52 | 28°34 | 27°52 | 13°14 | 9° 1 | 8°27 | 26°33 | 6°24 | T 21 |
| F 22 S 23 | 14 1 55 14 5 52 | 2°18'35 3°17'57 | 10 Y 43 23°13 | 21° 2 22° 5 | 17°51 18°43 | 0 ≈ 26 0°59 | 5°36 5°50 | 3° 0 3° 7 | 28°33 28°33 | 27°52 27°52 | 13°13 13°11 | 8°51 8°38 | 8°23 8°20 | 26°40 26°46 | 6°27 6°31 | F 22 S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 | 14 9 49 | 4°17'18 | 5 8 58 | 23° 1 | 19°35 | 1°32 | 6° 5 | 3°14 | 28°32 | 27°53 | 13° 9 | 8°25 | 8°17 | 26°53 | 6°34 | S 24 |
| M25 | 14 13 45 | 5°16'36 | 18°58 | 23°51 | 20°26 | 2° 4 | 6°19 | 3°22 | 28°31 | 27°53 | 13° 8 | 8°11 | 8°14 | 27° 0 | 6°38 | M25 |
| T 26 | 14 17 42 | 6°15'52 | 2 Ⅱ 10 | 24°34 | 21°17 | 2°37 | 6°34 | 3°29 | 28°31 | 27°53 | 13° 6 | 7°59 | 8°11 | 27° 6 | 6°42 | T 26 |
| W27 | 14 21 38 | 7°15'06 | 15°33 | 25° 9 | 22° 6 | 3°10 | 6°49 | 3°37 | 28°30 | 27°53 | 13° 4 | 7°50 | 8° 8 | 27°13 | 6°45 | W27 |
| T 28 F 29 | 14 25 35 14 29 31 | 8°14'18 9°13'28 | 29° 7 12 © 49 | 25°38 26° 0 | 22°55 23°43 | 3°42 4°14 | 7° 3 7°18 | 3°44 3°52 | 28°30 28°30 | 27°53 27°R53 | 13° 2 13° 1 | 7°43 7°40 | 8° 4 8° 1 | 27°20 27°26 | 6°49 6°52 | T 28 F 29 |
| S 30 | 14 29 31 | 10812'36 | 26949 | 26815 | 23°43 24 II 30 | 4°14 4 ≈ 46 | 7 8 32 | 3 6 52 | 28 \Omega 29 | 27でR53 27 ろ 53 | 13° 1 12 M .59 | $7\Omega_{38}$ | 7Ω 58 | 27≈33 | 6 8 56 | S 30 |
| 3 30 | 1+ 33 48 | 1001230 | 040ع∠0∠ | 20013 | 24 H 30 | +~~+0 | 1032 | 3039 | 400649 | 21033 | 1411639 | 10638 | 10630 | ∠1 ≈ 33 | 0000 | 3 30 |

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|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|---------------|---------------|------|
| S 1 | 14 37 24 | 11 8 11'41 | 10 Ω 39 | 26 8 23 | 25 Ⅱ 17 | 5≈18 | 7 8 47 | 4 8 7 | 28°R29 | 27°R53 | 12°R57 | 7°R38 | 7 Ω 55 | 27≈40 | 6 8 59 | S 1 |
| M 2 | 14 41 21 | 12°10'44 | 24°46 | 26°R24 | 26° 2 | 5°50 | 8° 2 | 4°14 | 28 Ω 29 | 27 る 53 | 12ML56 | $7\Omega_{38}$ | 7°52 | 27°46 | 7° 3 | M 2 |
| T 3 | 14 45 18 | 13° 9'45 | 9 m y 0 | 26°19 | 26°46 | 6°22 | 8°16 | 4°21 | 28°28 | 27°53 | 12°54 | 7°36 | 7°49 | 27°53 | 7° 6 | T 3 |
| W 4 | 14 49 14 | 14° 8'43 | 23°19 | 26° 7 | 27°30 | 6°53 | 8°31 | 4°29 | 28°28 | 27°53 | 12°52 | 7°32 | 7°45 | 28° 0 | 7°10 | W 4 |
| T 5 | 14 53 11 | 15° 7'39 | 7 ≙ 40 | 25°50 | 28°12 | 7°25 | 8°45 | 4°36 | 28°28 | 27°53 | 12°51 | 7°25 | 7°42 | 28° 6 | 7°13 | T 5 |
| F 6 | 14 57 7 | 16° 6'33 | 21°59 | 25°27 | 28°53 | 7°56 | 9° 0 | 4°43 | 28°D28 | 27°52 | 12°49 | 7°16 | 7°39 | 28°13 | 7°17 | F 6 |
| S 7 | 15 1 4 | 17° 5'26 | 6M 9 | 24°59 | 29°33 | 8°27 | 9°14 | 4°51 | 28°28 | 27°52 | 12°47 | 7° 4 | 7°36 | 28°19 | 7°20 | S 7 |
| S 8 | 15 5 0 | 18° 4'16 | 20° 7 | 24°27 | 09512 | 8°58 | 9°29 | 4°58 | 28°28 | 27°52 | 12°46 | 6°52 | 7°33 | 28°26 | 7°24 | S 8 |
| M 9 | 15 8 57 | 19° 3'04 | 3 ∡ 746 | 23°51 | 0°50 | 9°29 | 9°43 | 5° 5 | 28°29 | 27°52 | 12°44 | 6°41 | 7°29 | 28°33 | 7°27 | M 9 |
| T 10 | 15 12 53 | 20° 1'50 | 1 <u>7</u> ° 4 | 23°13 | 1°26 | 10° 0 | 9°58 | 5°13 | 28°29 | 27°51 | 12°42 | 6°31 | 7°26 | 28°39 | 7°31 | T 10 |
| W11 | 15 16 50 | 21° 0'35 | 0중 0 | 22°32 | 2° 1 | 10°30 | 10°12 | 5°20 | 28°29 | 27°51 | 12°41 | 6°24 | 7°23 | 28°46 | 7°34 | W11 |
| T 12 | 15 20 47 | 21°59'18 | 12°35 | 21°50 | 2°35 | 11° 1 | 10°26 | 5°27 | 28°29 | 27°50 | 12°39 | 6°19 | 7°20 | 28°53 | 7°38 | T 12 |
| F 13 | 15 24 43 | 22°57'59 | 24°52 | 21° 7 | 3° 7 | 11°31 | 10°41 | 5°35 | 28°30 | 27°50 | 12°37 | 6°17 | 7°17 | 28°59 | 7°41 | F 13 |
| S 14 | 15 28 40 | 23°56'39 | 6≈54 | 20°25 | 3°38 | 12° 1 | 10°55 | 5°42 | 28°30 | 27°50 | 12°36 | 6°D16 | 7°14 | 29° 6 | 7°45 | S 14 |
| S 15 | 15 32 36 | 24°55'17 | 18°47 | 19°43 | 4° 7 | 12°30 | 11°10 | 5°49 | 28°31 | 27°49 | 12°34 | 6°17 | 7°10 | 29°13 | 7°48 | S 15 |
| M16 | 15 36 33 | 25°53'53 | 0 ∺ 36 | 19° 4 | 4°35 | 13° 0 | 11°24 | 5°56 | 28°31 | 27°49 | 12°32 | 6°R17 | 7° 7 | 29°19 | 7°52 | M16 |
| T 17 | 15 40 29 | 26°52'28 | 12°26 | 18°26 | 5° 1 | 13°29 | 11°38 | 6° 3 | 28°32 | 27°48 | 12°31 | 6°15 | 7° 4 | 29°26 | 7°55 | T 17 |
| W18 | 15 44 26 | 27°51'01 | 24°23 | 17°52 | 5°26 | 13°59 | 11°53 | 6°10 | 28°32 | 27°47 | 12°29 | 6°12 | 7° 1 | 29°33 | 7°58 | W18 |
| T 19 | 15 48 22 | 28°49'32 | 6 Ƴ 31 | 17°21 | 5°49 | 14°28 | 12° 7 | 6°17 | 28°33 | 27°47 | 12°27 | 6° 7 | 6°58 | 29°39 | 8° 2 | T 19 |
| F 20 | 15 52 19 | 29°48'02 | 18°54 | 16°54 | 6°10 | 14°56 | 12°21 | 6°25 | 28°34 | 27°46 | 12°26 | 5°58 | 6°55 | 29°46 | 8° 5 | F 20 |
| S 21 | 15 56 16 | 0 Ⅱ 46'31 | 1 8 35 | 16°32 | 6°29 | 15°25 | 12°35 | 6°32 | 28°35 | 27°45 | 12°24 | 5°49 | 6°51 | 29°53 | 8° 8 | S 21 |
| S 22 | 16 0 12 | 1°44'57 | 14°34 | 16°13 | 6°46 | 15°53 | 12°49 | 6°39 | 28°35 | 27°45 | 12°23 | 5°38 | 6°48 | 29°59 | 8°12 | S 22 |
| M23 | 16 4 9 | 2°43'23 | 27°52 | 16° 0 | 7° 1 | 16°21 | 13° 4 | 6°46 | 28°36 | 27°44 | 12°21 | 5°27 | 6°45 | 0 米 6 | 8°15 | M23 |
| T 24 | 16 8 5 | 3°41'46 | 11 Ⅱ 27 | 15°51 | 7°14 | 16°49 | 13°18 | 6°53 | 28°37 | 27°43 | 12°19 | 5°17 | 6°42 | 0°13 | 8°18 | T 24 |
| W25 | 16 12 2 | 4°40'08 | 25°15 | 15°D47 | 7°25 | 17°17 | 13°32 | 6°59 | 28°38 | 27°43 | 12°18 | 5° 9 | 6°39 | 0°19 | 8°22 | W25 |
| T 26 | 16 15 58 | 5°38'27 | 99513 | 15°47 | 7°34 | 17°44 | 13°46 | 7° 6 | 28°39 | 27°42 | 12°16 | 5° 4 | 6°35 | 0°26 | 8°25 | T 26 |
| F 27 | 16 19 55 | 6°36'45 | 23°18 | 15°53 | 7°41 | 18°11 | 14° 0 | 7°13 | 28°40 | 27°41 | 12°15 | 5° 2 | 6°32 | 0°33 | 8°28 | F 27 |
| S 28 | 16 23 51 | 7°35'01 | 7Ω 27 | 16° 3 | 7°45 | 18°38 | 14°14 | 7°20 | 28°42 | 27°40 | 12°13 | 5°D 1 | 6°29 | 0°39 | 8°31 | S 28 |
| S 29 | 16 27 48 | 8°33'15 | 21°36 | 16°18 | 7°R47 | 19° 5 | 14°28 | 7°27 | 28°43 | 27°39 | 12°12 | 5° 2 | 6°26 | 0°46 | 8°35 | S 29 |
| M30 | 16 31 45 | 9°31'27 | 5 m /46 | 16°38 | 7°47 | 19°31 | 14°42 | 7°33 | 28°44 | 27°38 | 12°10 | 5°R 2 | 6°23 | 0°53 | 8°38 | M30 |
| T 31 | 16 35 41 | 10 Ⅱ 29'37 | 19 m 53 | 178 1 | 79544 | 19 ≈ 57 | 14 8 55 | 7 8 40 | 28 Ω 45 | 27 궁 37 | 12 M 9 | 5 Ω 2 | 6 Ω 20 | 0 ∺ 59 | 8 8 41 | T 31 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)f(| ¥ | Р | ß | v | Ç | ę, | Day |
|------|----------|-------------------|----------------|----------------|---------------|--------------|---------------|---------------|----------------|----------------|-----------------|---------------|---------------|-----------------|---------------|------|
| W 1 | 16 39 38 | 11 Ⅱ 27'45 | 3 ≏ 58 | 17 8 29 | 7°R39 | 20≈23 | 15 8 9 | 7 8 47 | 28 Ω 47 | 27°R36 | 12°R 8 | 5°R 0 | 6 Ω 16 | 1) 6 | 8 8 44 | W 1 |
| T 2 | 16 43 34 | 12°25'52 | 17°58 | 18° 2 | 7 9 31 | 20°48 | 15°23 | 7°53 | 28°48 | 27 궁 35 | 12 M 6 | 4Ω 56 | 6°13 | 1°13 | 8°47 | T 2 |
| F 3 | 16 47 31 | 13°23'56 | 1 M .51 | 18°38 | 7°21 | 21°14 | 15°37 | 8° 0 | 28°50 | 27°34 | 12° 5 | 4°49 | 6°10 | 1°19 | 8°50 | F 3 |
| S 4 | 16 51 27 | 14°21'58 | 15°34 | 19°18 | 7° 9 | 21°38 | 15°50 | 8° 6 | 28°51 | 27°33 | 12° 3 | 4°41 | 6° 7 | 1°26 | 8°53 | S 4 |
| S 5 | 16 55 24 | 15°19'59 | 29° 6 | 20° 2 | 6°54 | 22° 3 | 16° 4 | 8°13 | 28°53 | 27°32 | 12° 2 | 4°33 | 6° 4 | 1°33 | 8°56 | S 5 |
| M 6 | 16 59 20 | 16°17'59 | 12 × 23 | 20°49 | 6°36 | 22°27 | 16°17 | 8°19 | 28°54 | 27°31 | 12° 1 | 4°25 | 6° 1 | 1°39 | 8°59 | M 6 |
| T 7 | 17 3 17 | 17°15'57 | 25°23 | 21°40 | 6°17 | 22°51 | 16°31 | 8°26 | 28°56 | 27°30 | 11°59 | 4°18 | 5°57 | 1°46 | 9° 2 | T 7 |
| W 8 | 17 7 14 | 18°13'53 | 8 වි | 22°34 | 5°55 | 23°15 | 16°44 | 8°32 | 28°58 | 27°29 | 11°58 | 4°13 | 5°54 | 1°53 | 9° 5 | W 8 |
| T 9 | 17 11 10 | 19°11'48 | 20°33 | 23°31 | 5°30 | 23°38 | 16°58 | 8°38 | 28°59 | 27°28 | 11°57 | 4°10 | 5°51 | 1°59 | 9° 8 | T 9 |
| F 10 | 17 15 7 | 20° 9'42 | 2≈46 | 24°32 | 5° 4 | 24° 1 | 17°11 | 8°45 | 29° 1 | 27°26 | 11°56 | 4°D 9 | 5°48 | 2° 6 | 9°11 | F 10 |
| S 11 | 17 19 3 | 21° 7'34 | 14°47 | 25°35 | 4°36 | 24°24 | 17°25 | 8°51 | 29° 3 | 27°25 | 11°54 | 4°10 | 5°45 | 2°12 | 9°14 | S 11 |
| S 12 | 17 23 0 | 22° 5'26 | 26°39 | 26°42 | 4° 6 | 24°46 | 17°38 | 8°57 | 29° 5 | 27°24 | 11°53 | 4°11 | 5°41 | 2°19 | 9°16 | S 12 |
| M13 | 17 26 56 | 23° 3'16 | 8) 29 | 27°51 | 3°34 | 25° 8 | 17°51 | 9° 3 | 29° 7 | 27°23 | 11°52 | 4°13 | 5°38 | 2°26 | 9°19 | M13 |
| T 14 | 17 30 53 | 24° 1'05 | 20°20 | 29° 3 | 3° 1 | 25°29 | 18° 4 | 9° 9 | 29° 9 | 27°21 | 11°51 | 4°R14 | 5°35 | 2°32 | 9°22 | T 14 |
| W15 | 17 34 49 | 24°58'53 | 2 Υ 18 | 0 Ⅱ 18 | 2°26 | 25°50 | 18°17 | 9°15 | 29°11 | 27°20 | 11°50 | 4°13 | 5°32 | 2°39 | 9°25 | W15 |
| T 16 | 17 38 46 | 25°56'39 | 14°27 | 1°35 | 1°51 | 26°11 | 18°30 | 9°21 | 29°13 | 27°19 | 11°49 | 4°12 | 5°29 | 2°46 | 9°27 | T 16 |
| F 17 | 17 42 43 | 26°54'25 | 26°52 | 2°55 | 1°14 | 26°31 | 18°43 | 9°27 | 29°15 | 27°18 | 11°48 | 4° 8 | 5°26 | 2°52 | 9°30 | F 17 |
| S 18 | 17 46 39 | 27°52'10 | 9 8 37 | 4°18 | 0°37 | 26°50 | 18°56 | 9°33 | 29°17 | 27°16 | 11°47 | 4° 4 | 5°22 | 2°59 | 9°33 | S 18 |
| S 19 | 17 50 36 | 28°49'54 | 22°45 | 5°43 | 0° 0 | 27°10 | 19° 9 | 9°38 | 29°19 | 27°15 | 11°45 | 3°58 | 5°19 | 3° 6 | 9°35 | S 19 |
| M20 | 17 54 32 | 29°47'37 | 6 Ⅱ 14 | 7°11 | 29∏22 | 27°29 | 19°22 | 9°44 | 29°22 | 27°13 | 11°44 | 3°53 | 5°16 | 3°12 | 9°38 | M20 |
| T 21 | 17 58 29 | 09345'19 | 20° 5 | 8°41 | 28°45 | 27°47 | 19°34 | 9°50 | 29°24 | 27°12 | 11°44 | 3°48 | 5°13 | 3°19 | 9°40 | T 21 |
| W22 | 18 2 25 | 1°42'59 | 49914 | 10°14 | 28° 8 | 28° 5 | 19°47 | 9°55 | 29°26 | 27°11 | 11°43 | 3°44 | 5°10 | 3°26 | 9°43 | W22 |
| T 23 | 18 6 22 | 2°40'39 | 18°37 | 11°49 | 27°31 | 28°22 | 19°59 | 10° 1 | 29°29 | 27° 9 | 11°42 | 3°42 | 5° 7 | 3°32 | 9°45 | T 23 |
| F 24 | 18 10 19 | 3°38'17 | 3 N 8 | 13°27 | 26°55 | 28°39 | 20°12 | 10° 6 | 29°31 | 27° 8 | 11°41 | 3°D41 | 5° 3 | 3°39 | 9°48 | F 24 |
| S 25 | 18 14 15 | 4°35'55 | 17°41 | 15° 7 | 26°21 | 28°55 | 20°24 | 10°11 | 29°33 | 27° 6 | 11°40 | 3°41 | 5° 0 | 3°46 | 9°50 | S 25 |
| S 26 | 18 18 12 | 5°33'30 | 2 Mp 11 | 16°50 | 25°47 | 29°11 | 20°37 | 10°17 | 29°36 | 27° 5 | 11°39 | 3°43 | 4°57 | 3°52 | 9°52 | S 26 |
| M27 | 18 22 8 | 6°31'05 | 16°35 | 18°35 | 25°15 | 29°27 | 20°49 | 10°22 | 29°38 | 27° 3 | 11°38 | 3°44 | 4°54 | 3°59 | 9°55 | M27 |
| T 28 | 18 26 5 | 7°28'38 | 0 ჲ 48 | 20°22 | 24°44 | 29°41 | 21° 1 | 10°27 | 29°41 | 27° 2 | 11°38 | 3°R45 | 4°51 | 4° 6 | 9°57 | T 28 |
| W29 | 18 30 1 | 8°26'10 | 14°50 | 22°12 | 24°15 | 29°56 | 21°13 | 10°32 | 29°44 | 27° 0 | 11°37 | 3°45 | 4°47 | 4°12 | 9°59 | W29 |
| T 30 | 18 33 58 | 99523'41 | 28 ≏ 38 | 24 II 5 | 23耳48 | 0 ∺ 9 | 21825 | 10837 | 29 Ω 46 | 26 궁 59 | 11 M .36 | 3 Ω 44 | $4\Omega44$ | 4) (19 | 108 1 | T 30 |

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|-------------|----------------------|----------------------|-------------------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|-----------------|---------------|---------------|----------------|----------------|-------------|
| F 1 | 18 37 54 | 109521'10 | 12 M 13 | 25耳59 | 23°R23 | 0 ∺ 22 | 21837 | 10842 | 29 Ω 49 | 26°R57 | 11°R35 | 3°R42 | 4 Ω 41 | 4) €26 | 10 8 3 | F 1 |
| S 2 | 18 41 51 | 11°18'39 | 25°34 | 27°56 | 23耳 1 | 0°35 | 21°49 | 10°47 | 29°52 | 26 궁 56 | 11 M .35 | 3 Ω 39 | 4°38 | 4°32 | 10° 5 | S 2 |
| S 3 | 18 45 48 | 12°16'06 | 8 ~ 141 | 29°55 | 22°40 | 0°47 | 22° 0 | 10°52 | 29°54 | 26°54 | 11°34 | 3°36 | 4°35 | 4°39 | 10° 7 | S 3 |
| M 4 T 5 | 18 49 44 18 53 41 | 13°13'32 14°10'58 | 21°35 4 ♂ 14 | 1956 4° 0 | 22°22 22° 6 | 0°58 1° 9 | 22°12 22°24 | 10°57 11° 1 | 29°57 29°59 | 26°53 26°51 | 11°34 11°33 | 3°33 3°30 | 4°32 4°28 | 4°46 4°52 | 10° 9 10°11 | M 4 T 5 |
| W 6 | 18 57 37 | 15° 8'23 | 16°41 | 6° 5 | 21°52 | 1°19 | 22°35 | 11° 6 | 0 m 3 | 26°50 | 11°32 | 3°29 | 4°25 | 4°59 | 10°11 | W 6 |
| T 7 | 19 1 34 | 16° 5'47 | 28°56 | 8°12 | 21°41 | 1°28 | 22°46 | 11°10 | 0° 6 | 26°48 | 11°32 | 3°D28 | 4°22 | 5° 6 | 10°15 | T 7 |
| F 8 | 19 5 30 | 17° 3'10 | 11≈ 0 | 10°20 | 21°32 | 1°37 | 22°58 | 11°15 | 0° 9 | 26°46 | 11°32 | 3°28 | 4°19 | 5°12 | 10°17 | F 8 |
| S 9 | 19 9 27 | 18° 0'33 | 22°57 | 12°29 | 21°26 | 1°45 | 23° 9 | 11°19 | 0°11 | 26°45 | 11°31 | 3°29 | 4°16 | 5°19 | 10°19 | S 9 |
| S 10 | 19 13 23 | 18°57'55 | 4) (48 | 14°40 | 21°22 | 1°53 | 23°20 | 11°24 | 0°14 | 26°43 | 11°31 | 3°30 | 4°13 | 5°26 | 10°20 | S 10 |
| M11 T 12 | 19 17 20 19 21 17 | 19°55'16 20°52'38 | 16°37 28°28 | 16°51 19° 3 | 21°D20 21°21 | 1°59 2° 5 | 23°31 23°42 | 11°28 11°32 | 0°17 0°20 | 26°42 26°40 | 11°30 11°30 | 3°31 3°32 | 4° 9 4° 6 | 5°32 5°39 | 10°22 10°24 | M11 T 12 |
| W13 | 19 21 17 | 20°32'38 21°49'59 | 10^{26} 26 | 21°15 | 21°24 | 2°11 | 23°53 | 11°36 | 0°24 | 26°38 | 11°30 | 3°33 | 4° 3 | 5°46 | 10°24 | W13 |
| T 14 | 19 29 10 | 22°47'19 | 22°35 | 23°27 | 21°29 | 2°15 | 24° 3 | 11°40 | 0°27 | 26°37 | 11°29 | 3°R33 | 4° 0 | 5°52 | 10°27 | T 14 |
| F 15 | 19 33 6 | 23°44'40 | 4859 | 25°38 | 21°36 | 2°19 | 24°14 | 11°44 | 0°30 | 26°35 | 11°29 | 3°33 | 3°57 | 5°59 | 10°28 | F 15 |
| S 16 | 19 37 3 | 24°42'00 | 17°42 | 27°49 | 21°46 | 2°22 | 24°25 | 11°48 | 0°33 | 26°34 | 11°29 | 3°32 | 3°53 | 6° 6 | 10°30 | S 16 |
| S 17 | 19 40 59 | 25°39'20 | 0Д49 | 29°59 | 21°58 | 2°25 | 24°35 | 11°51 | 0°36 | 26°32 | 11°29 | 3°32 | 3°50 | 6°12 | 10°31 | S 17 |
| M18 T 19 | 19 44 56 19 48 52 | 26°36'40 27°34'00 | 14°21 28°18 | 2Ω 8 4°16 | 22°12 22°27 | 2°26 2°27 | 24°45 24°55 | 11°55 11°58 | 0°39 0°42 | 26°30 26°29 | 11°29 11°29 | 3°31 3°30 | 3°47 3°44 | 6°19 6°26 | 10°33 10°34 | M18 T 19 |
| W20 | 19 52 49 | 28°31'20 | 12938 | 6°23 | 22°45 | 2°R27 | 25° 5 | 12° 2 | 0°46 | 26°27 | 11°29 | 3°30 | 3°41 | 6°32 | 10°35 | W20 |
| T 21 | 19 56 46 | 29°28'39 | 27°17 | 8°27 | 23° 5 | 2°27 | 25°15 | 12° 5 | 0°49 | 26°25 | 11°D28 | 3°D29 | 3°38 | 6°39 | 10°36 | T 21 |
| F 22 | 20 0 42 | 0 Ω 25'58 | 12\$\Omega 9 | 10°30 | 23°26 | 2°25 | 25°25 | 12° 9 | 0°52 | 26°24 | 11°29 | 3°29 | 3°34 | 6°46 | 10°37 | F 22 |
| S 23 | 20 4 39 | 1°23'17 | 27° 5 | 12°32 | 23°49 | 2°23 | 25°35 | 12°12 | 0°56 | 26°22 | 11°29 | 3°30 | 3°31 | 6°52 | 10°39 | S 23 |
| S 24 | 20 8 35 | 2°20'36 | 11 1 1 59 | 14°31 | 24°13 | 2°20 | 25°45 | 12°15 | 0°59 | 26°21 26°19 | 11°29 | 3°30 | 3°28 | 6°59 7°6 | 10°40 10°41 | S 24 |
| M25 T 26 | 20 12 32 20 16 28 | 3°17'53 4°15'11 | 26°43 11 Ω 10 | 16°29 18°24 | 24°40 25° 8 | 2°17 2°12 | 25°54 26° 3 | 12°18 12°21 | 1° 2 1° 6 | 26°19 26°17 | 11°29 11°29 | 3°R30 3°30 | 3°25 3°22 | 7°12 | 10°41 10°42 | M25 T 26 |
| W27 | 20 20 25 | 5°12'28 | 25°19 | 20°18 | 25°37 | 2° 7 | 26°13 | 12°24 | 1° 9 | 26°16 | 11°29 | 3°30 | 3°18 | 7°19 | 10°43 | W27 |
| T 28 | 20 24 21 | 6° 9'45 | 9 M 6 | 22° 9 | 26° 7 | 2° 1 | 26°22 | 12°26 | 1°12 | 26°14 | 11°29 | 3°D30 | 3°15 | 7°26 | 10°43 | T 28 |
| F 29 | 20 28 18 | 7° 7'01 8° 4'17 | 22°33 | 23°59 25°46 | 26°40 27°13 | 1°54 | 26°31 | 12°29 | 1°16 1°19 | 26°13 | 11°29 | 3°30 3°30 | 3°12 3° 9 | 7°32 7°39 | 10°44 10°45 | F 29 |
| S 30 | 20 32 15 | | 5 × 741 | | | 1°47 | 26°39 | 12°32 | | 26°11 | 11°30 | | | | | S 30 |
| S 31 | 20 36 11 | 9 ⋒ 1'33 | 18 × 31 | 27 Ω 32 | 27 Ⅱ 48 | 1 米 39 | 26 8 48 | 12834 | 1 m 23 | 26 궁 9 | 11 M 30 | 3 Ω 31 | 3 N 6 | 7 ∺ 46 | 10846 | S 31 |

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| M 1 | 20 40 8 | 9 Ω 58'49 | 1 පි 6 | 29 Ω 15 | 28Ⅲ24 | 1°R30 | 26 8 57 | 12836 | 1 Mp 26 | 26°R 8 | 11 M 30 | 3 Ω 31 | 3 N 3 | 7 ∺ 52 | 10846 | M 1 |
| T 2 | 20 44 4 | 10°56'04 | 13°27 | 0 m 57 | 29° 1 | 1 ∺ 21 | 27° 5 | 12°39 | 1°30 | 26중 6 | 11°31 | 3°32 | 2°59 | 7°59 | 10°47 | T 2 |
| W 3 | 20 48 1 | 11°53'20 | 25°39 | 2°36 | 29°39 | 1°11 | 27°14 | 12°41 | 1°33 | 26° 5 | 11°31 | 3°32 | 2°56 | 8° 6 | 10°47 | W 3 |
| T 4 | 20 51 57 | 12°50'35 | 7≈41 | 4°13 | 09918 | 1° 0 | 27°22 | 12°43 | 1°37 | 26° 3 | 11°32 | 3°R32 | 2°53 | 8°12 | 10°48 | T 4 |
| F 5 | 20 55 54 | 13°47'51 | 19°38 | 5°48 | 0°59 | 0°49 | 27°30 | 12°45 | 1°40 | 26° 2 | 11°32 | 3°32 | 2°50 | 8°19 | 10°48 | F 5 |
| S 6 | 20 59 50 | 14°45'06 | 1 ∺ 30 | 7°21 | 1°40 | 0°37 | 27°38 | 12°47 | 1°44 | 26° 0 | 11°33 | 3°31 | 2°47 | 8°26 | 10°49 | S 6 |
| S 7 | 21 3 47 | 15°42'22 | 13°19 | 8°53 | 2°23 | 0°25 | 27°45 | 12°48 | 1°48 | 25°59 | 11°33 | 3°29 | 2°44 | 8°32 | 10°49 | S 7 |
| M 8 | 21 7 44 | 16°39'39 | 25° 9 | 10°22 | 3° 6 | 0°12 | 27°53 | 12°50 | 1°51 | 25°57 | 11°34 | 3°28 | 2°40 | 8°39 | 10°49 | M 8 |
| T 9 | 21 11 40 | 17°36'56 | 7 Υ 2 | 11°49 | 3°50 | 29≈58 | 28° 0 | 12°52 | 1°55 | 25°56 | 11°34 | 3°26 | 2°37 | 8°46 | 10°50 | T 9 |
| W10 | 21 15 37 | 18°34'13 | 19° 1 | 13°13 | 4°36 | 29°44 | 28° 8 | 12°53 | 1°58 | 25°54 | 11°35 | 3°24 | 2°34 | 8°52 | 10°50 | W10 |
| T 11 | 21 19 33 | 19°31'31 | 1810 | 14°36 | 5°22 | 29°30 | 28°15 | 12°55 | 2° 2 | 25°53 | 11°36 | 3°22 | 2°31 | 8°59 | 10°50 | T 11 |
| F 12 | 21 23 30 | 20°28'49 | 13°32 | 15°57 | 6° 9 | 29°15 | 28°22 | 12°56 | 2° 6 | 25°51 | 11°36 | 3°21 | 2°28 | 9° 6 | 10°50 | F 12 |
| S 13 | 21 27 26 | 21°26'08 | 26°12 | 17°15 | 6°56 | 29° 0 | 28°29 | 12°57 | 2° 9 | 25°50 | 11°37 | 3°D21 | 2°24 | 9°12 | 10°R50 | S 13 |
| S 14 | 21 31 23 | 22°23'28 | 9 Ⅱ 14 | 18°31 | 7°45 | 28°44 | 28°36 | 12°58 | 2°13 | 25°48 | 11°38 | 3°22 | 2°21 | 9°19 | 10°50 | S 14 |
| M15 | 21 35 19 | 23°20'49 | 22°40 | 19°45 | 8°34 | 28°28 | 28°42 | 12°59 | 2°17 | 25°47 | 11°39 | 3°23 | 2°18 | 9°26 | 10°50 | M15 |
| T 16 | 21 39 16 | 24°18'11 | 6 9 33 | 20°56 | 9°24 | 28°12 | 28°49 | 13° 0 | 2°20 | 25°46 | 11°40 | 3°24 | 2°15 | 9°32 | 10°50 | T 16 |
| W17 | 21 43 13 | 25°15'33 | 20°51 | 22° 5 | 10°14 | 27°56 | 28°55 | 13° 1 | 2°24 | 25°44 | 11°40 | 3°26 | 2°12 | 9°39 | 10°50 | W17 |
| T 18 | 21 47 9 | 26°12'56 | 5 Ω 34 | 23°11 | 11° 6 | 27°39 | 29° 1 | 13° 1 | 2°28 | 25°43 | 11°41 | 3°R26 | 2° 9 | 9°46 | 10°49 | T 18 |
| F 19 | 21 51 6 | 27°10'20 | 20°34 | 24°15 | 11°58 | 27°22 | 29° 7 | 13° 2 | 2°31 | 25°42 | 11°42 | 3°25 | 2° 5 | 9°53 | 10°49 | F 19 |
| S 20 | 21 55 2 | 28° 7'44 | 5 m) 45 | 25°16 | 12°50 | 27° 6 | 29°13 | 13° 2 | 2°35 | 25°40 | 11°43 | 3°23 | 2° 2 | 9°59 | 10°49 | S 20 |
| S 21 | 21 58 59 | 29° 5'08 | 20°56 | 26°14 | 13°43 | 26°49 | 29°18 | 13° 3 | 2°39 | 25°39 | 11°44 | 3°20 | 1°59 | 10° 6 | 10°48 | S 21 |
| M22 | 22 2 55 | 0 m 2'34 | 5 ≏ 58 | 27° 9 | 14°37 | 26°32 | 29°23 | 13° 3 | 2°42 | 25°38 | 11°45 | 3°17 | 1°56 | 10°13 | 10°48 | M22 |
| T 23 | 22 6 52 | 1° 0'00 | 20°42 | 28° 2 | 15°31 | 26°16 | 29°29 | 13° 3 | 2°46 | 25°37 | 11°46 | 3°13 | 1°53 | 10°19 | 10°48 | T 23 |
| W24 | 22 10 48 | 1°57'26 | 5M 2 | 28°51 | 16°25 | 25°59 | 29°34 | 13°R 3 | 2°50 | 25°35 | 11°47 | 3°10 | 1°50 | 10°26 | 10°47 | W24 |
| T 25 | 22 14 45 | 2°54'53 | 18°57 | 29°36 | 17°21 | 25°43 | 29°39 | 13° 3 | 2°54 | 25°34 | 11°49 | 3° 8 | 1°46 | 10°33 | 10°46 | T 25 |
| F 26 | 22 18 42 | 3°52'20 | 2 ₹ 24 | 0 ჲ 18 | 18°16 | 25°27 | 29°43 | 13° 3 | 2°57 | 25°33 | 11°50 | 3°D 7 | 1°43 | 10°39 | 10°46 | F 26 |
| S 27 | 22 22 38 | 4°49'48 | 15°27 | 0°56 | 19°12 | 25°11 | 29°48 | 13° 3 | 3° 1 | 25°32 | 11°51 | 3° 8 | 1°40 | 10°46 | 10°45 | S 27 |
| S 28 | 22 26 35 | 5°47'16 | 28° 9 | 1°31 | 20° 9 | 24°56 | 29°52 | 13° 3 | 3° 5 | 25°31 | 11°52 | 3° 9 | 1°37 | 10°53 | 10°44 | S 28 |
| M29 | 22 30 31 | 6°44'45 | 10 る 33 | 2° 1 | 21° 6 | 24°40 | 29°57 | 13° 2 | 3°8 | 25°29 | 11°53 | 3°11 | 1°34 | 10°59 | 10°43 | M29 |
| T 30 | 22 34 28 | 7°42'15 | 22°43 | 2°27 | 22° 4 | 24°26 | 0 I 1 | 13° 2 | 3°12 | 25°28 | 11°55 | 3°12 | 1°30 | 11° 6 | 10°43 | T 30 |
| W31 | 22 38 24 | 8 m 39'46 | 4≈44 | 2 ≏ 49 | 2395 1 | 24≈11 | 0 Π 4 | 138 1 | 3 Mp 16 | 25 궁 27 | 11 M 56 | 3°R13 | 1 Ω 27 | 11 米 13 | 10842 | W31 |

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|--------------|--------------------|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|-------------------------|------------------------|------------------------|--------------------------|-----------------------|-------------------------|-------------------------|-----------------------|--------------|
| T 1 | 22 42 21 | 9 m 37'17 | 16≈38 | 3 ₾ 6 | 249 0 | 23°R58 | 0Д 8 | 13°R 0 | 3 m 19 | 25°R26 | 11 M 57 | 3°R12 | 1 Ω 24 | 11 米 19 | 10°R41 | T 1 |
| F 2 | 22 46 17 | 10°34'49 | 28°29 | 3°18 | 24°59 | 23≈44 | 0°11 | 12859 | 3°23 | 25 궁 25 | 11°59 | 3 N 9 | 1°21 | 11°26 | 10840 | F 2 |
| S 3 | 22 50 14 | 11°32'22 | 10 米 18 | 3°25 | 25°58 | 23°31 | 0°15 | 12°58 | 3°27 | 25°24 | 12° 0 | 3° 5 | 1°18 | 11°33 | 10°39 | S 3 |
| S 4 | 22 54 11 | 12°29'56 | 22° 9 | 3°R27 | 26°57 | 23°19 | 0°18 | 12°57 | 3°30 | 25°23 | 12° 1 | 2°58 | 1°15 | 11°39 | 10°38 | S 4 |
| M 5 | 22 58 7 | 13°27'31 | 4 Υ 2 | 3°23 | 27°57 | 23° 8 | 0°21 | 12°56 | 3°34 | 25°22 | 12° 3 | 2°51 | 1°11 | 11°46 | 10°37 | M 5 |
| T 6 | 23 2 4 | 14°25'07 | 15°59 | 3°14 | 28°57 | 22°57 | 0°23 | 12°55 | 3°38 | 25°21 | 12° 4 | 2°44 | 1° 8 | 11°53 | 10°35 | T 6 |
| W 7 | 23 6 0 | 15°22'45 | 28° 4 | 2°59 | 29°58 | 22°46 | 0°26 | 12°53 | 3°41 | 25°20 | 12° 6 | 2°36 | 1° 5 | 11°59 | 10°34 | W 7 |
| T 8 | 23 9 57 | 16°20'24 | 10817 | 2°39 | 0 Ω 59 | 22°36 | 0°28 | 12°52 | 3°45 | 25°19 | 12° 7 | 2°30 | 1° 2 | 12° 6 | 10°33 | T 8 |
| F 9 | 23 13 53 | 17°18'04 | 22°42 | 2°13 | 2° 0 | 22°27 | 0°30 | 12°50 | 3°49 | 25°19 | 12° 9 | 2°26 | 0°59 | 12°13 | 10°31 | F 9 |
| S 10 | 23 17 50 | 18°15'46 | 5 Ⅱ 21 | 1°42 | 3° 2 | 22°19 | 0°32 | 12°49 | 3°52 | 25°18 | 12°10 | 2°23 | 0°56 | 12°19 | 10°30 | S 10 |
| S 11 | 23 21 46 | 19°13'29 | 18°19 | 1° 6 | 4° 4 | 22°12 | 0°34 | 12°47 | 3°56 | 25°17 | 12°12 | 2°D22 | 0°52 | 12°26 | 10°29 | S 11 |
| M12 | 23 25 43 | 20°11'14 | 1938 | 0°25 | 5° 6 | 22° 5 | 0°36 | 12°45 | 3°59 | 25°16 | 12°14 | 2°22 | 0°49 | 12°33 | 10°27 | M12 |
| T 13 | 23 29 39 | 21° 9'00 | 15°20 | 29 m 40 | 6° 8 | 21°59 | 0°37 | 12°43 | 4° 3 | 25°15 | 12°15 | 2°23 | 0°46 | 12°39 | 10°26 | T 13 |
| W14 | 23 33 36 | 22° 6'48 | 29°29 | 28°52 | 7°11 | 21°53 | 0°38 | 12°41 | 4° 7 | 25°15 | 12°17 | 2°R24 | 0°43 | 12°46 | 10°24 | W14 |
| T 15 | 23 37 33 | 23° 4'38 | 140 2 | 28° 1 | 8°14 | 21°49 | 0°39 | 12°39 | 4°10 | 25°14 | 12°19 | 2°24 | 0°40 | 12°53 | 10°22 | T 15 |
| F 16 | 23 41 29 | 24° 2'29 | 28°56 | 27° 8 | 9°18 | 21°45 | 0°40 | 12°37 | 4°14 | 25°13 | 12°21 | 2°21 | 0°36 | 12°59 | 10°21 | F 16 |
| S 17 | 23 45 26 | 25° 0'21 | 14 Mp 5 | 26°14 | 10°21 | 21°43 | 0°41 | 12°35 | 4°17 | 25°13 | 12°22 | 2°17 | 0°33 | 13° 6 | 10°19 | S 17 |
| S 18 | 23 49 22 | 25°58'15 | 29°20 | 25°20 | 11°25 | 21°41 | 0°41 | 12°32 | 4°21 | 25°12 | 12°24 | 2°10 | 0°30 | 13°13 | 10°17 | S 18 |
| M19 | 23 53 19 | 26°56'10 | 14 ≏ 29 | 24°28 | 12°29 | 21°39 | 0°R41 | 12°30 | 4°24 | 25°12 | 12°26 | 2° 2 | 0°27 | 13°19 | 10°16 | M19 |
| T 20 | 23 57 15 | 27°54'07 | 29°24 | 23°37 | 13°34 | 21°D39 | 0°41 | 12°27 | 4°28 | 25°11 | 12°28 | 1°53 | 0°24 | 13°26 | 10°14 | T 20 |
| W21 | 0 1 12 | 28°52'05 | 13 M .55 | 22°51 | 14°38 | 21°40 | 0°41 | 12°24 | 4°31 | 25°11 | 12°30 | 1°46 | 0°21 | 13°33 | 10°12 | W21 |
| T 22 | 0 5 8 | 29°50'04 | 27°57 | 22° 9 | 15°43 | 21°41 | 0°40 | 12°22 | 4°35 | 25°10 | 12°31 | 1°40 | 0°17 | 13°40 | 10°10 | T 22 |
| F 23 S 24 | 0 9 5 0 13 2 | 0 Ω 48'05 1°46'06 | 11 × 31 24°36 | 21°33 21° 3 | 16°48 17°53 | 21°43 21°46 | 0°40 0°39 | 12°19 12°16 | 4°38 4°41 | 25°10 25° 9 | 12°33 12°35 | 1°36 1°34 | 0°14 0°11 | 13°46 13°53 | 10° 8 10° 6 | F 23 S 24 |
| | | | | _ | | _ | | - | | | | | - | | | |
| S 25 | 0 16 58 | 2°44'09 | 7 궁 16 | 20°40 | 18°59 | 21°50 | 0°38 | 12°13 | 4°45 | 25° 9 | 12°37 | 1°D34 | 0° 8 | 14° 0 | 10° 4 | S 25 |
| M26 | 0 20 55 | 3°42'14 | 19°37 | 20°25 | 20° 5 | 21°55 | 0°37 | 12°10 | 4°48 | 25° 9 | 12°39 | 1°35 | 0° 5 | 14° 6 | 10° 2 | M26 |
| T 27 | 0 24 51 | 4°40'19 | 12020 | 20°D19 | 21°11 | 22° 0 | 0°35 | 12° 7 | 4°52 | 25° 8 | 12°41 | 1°R35 | 0° 1 | 14°13 | 10° 0 | T 27 |
| W28 | 0 28 48 | 5°38'26 | 13°38 | 20°20 | 22°17 | 22° 6 | 0°33 | 12° 4 | 4°55 | 25° 8 | 12°43 | 1°34 | 29958 | 14°20 | 9°58 | W28 |
| T 29 F 30 | 0 32 44 0 36 41 | 6°36'35 7 Ω 34'44 | 25°29 7 ¥ 17 | 20°31 20 m 50 | 23°23 24 Ω 30 | 22°14 22 ≈ 21 | 0°32 0 Ⅲ 30 | 12° 0 11 8 57 | 4°58 5 m) 1 | 25° 8 25 중 7 | 12°45 12 M .47 | 1°32 1 Ω 26 | 29°55 29 © 52 | 14°26 14 ¥ 33 | 9°56 9 8 54 | T 29 F 30 |
| F 30 | 0 30 41 | / == 34 44 | /πι/ | ∠UII y 50 | 24 6 (30 | ∠Z ≫ Z I | 0Д30 | 11007 | ו עווכ | 230 / | 121164/ | 18626 | 299032 | 14不33 | 90034 | r 30 |

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| S 1 | 0 40 37 | | 19) 7 | | | 22≈30 | - | 11°R53 | • | - | 12 M 49 | | 299549 | 14) (40 | 9°R51 | S 1 |
| 5 1 | 0 40 37 | 8 ≏ 32'55 | | 21 Mp 18 | 25 Ω 36 | 22≈30 | 0°R27 | 11°K53 | 5 Mp 5 | 25°R 7 | 1211649 | 1°R18 | 299949 | 14大40 | | 5 1 |
| S 2 | 0 44 34 | 9°31'08 | 1 Υ 1 | 21°55 | 26°43 | 22°40 | 0П25 | 11850 | 5° 8 | 25 궁 7 | 12°51 | 1 N 8 | 29°46 | 14°46 | 9 8 49 | S 2 |
| M 3 | 0 48 31 | 10°29'23 | 13° 1 | 22°40 | 27°50 | 22°50 | 0°22 | 11°46 | 5°11 | 25° 7 | 12°53 | 0°56 | 29°42 | 14°53 | 9°47 | M 3 |
| T 4 | 0 52 27 | 11°27'39 | 25° 8 | 23°33 | 28°58 | 23° 1 | 0°19 | 11°43 | 5°14 | 25° 7 | 12°55 | 0°43 | 29°39 | 15° 0 | 9°45 | T 4 |
| W 5 | 0 56 24 | 12°25'57 | 7 8 23 | 24°33 | 0 m , 5 | 23°12 | 0°16 | 11°39 | 5°17 | 25° 7 | 12°57 | 0°31 | 29°36 | 15° 6 | 9°42 | W 5 |
| T 6 | 1 0 20 | 13°24'17 | 19°46 | 25°40 | 1°13 | 23°25 | 0°13 | 11°35 | 5°21 | 25° 7 | 13° 0 | 0°20 | 29°33 | 15°13 | 9°40 | T 6 |
| F 7 | 1 4 17 | 14°22'38 | 2П20 | 26°54 | 2°21 | 23°38 | 0°10 | 11°31 | 5°24 | 25°D 7 | 13° 2 | 0°11 | 29°30 | 15°20 | 9°37 | F 7 |
| S 8 | 1 8 13 | 15°21'02 | 15° 6 | 28°14 | 3°29 | 23°51 | 0° 6 | 11°27 | 5°27 | 25° 7 | 13° 4 | 0° 5 | 29°27 | 15°26 | 9°35 | S 8 |
| S 9 | 1 12 10 | 16°19'28 | 28° 7 | 29°39 | 4°37 | 24° 6 | 0° 2 | 11°23 | 5°30 | 25° 7 | 13° 6 | 0° 2 | 29°23 | 15°33 | 9°33 | S 9 |
| M10 | 1 16 6 | 17°17'56 | 119523 | 1 <u>₽</u> 8 | 5°45 | 24°21 | 29 8 58 | 11°19 | 5°33 | 25° 7 | 13° 8 | 0° 1 | 29°20 | 15°40 | 9°30 | M10 |
| T 11 | 1 20 3 | 18°16'26 | 24°59 | 2°42 | 6°54 | 24°37 | 29°54 | 11°15 | 5°36 | 25° 7 | 13°11 | 0° 1 | 29°17 | 15°46 | 9°28 | T 11 |
| W12 | 1 23 59 | 19°14'58 | 8 Ω 56 | 4°20 | 8° 2 | 24°53 | 29°50 | 11°11 | 5°39 | 25° 7 | 13°13 | 0° 0 | 29°14 | 15°53 | 9°25 | W12 |
| T 13 | 1 27 56 | 20°13'32 | 23°14 | 6° 0 | 9°11 | 25°10 | 29°46 | 11° 7 | 5°41 | 25° 7 | 13°15 | 29959 | 29°11 | 16° 0 | 9°23 | T 13 |
| F 14 | 1 31 53 | 21°12'08 | 7 m 52 | 7°43 | 10°20 | 25°28 | 29°41 | 11° 3 | 5°44 | 25° 8 | 13°17 | 29°55 | 29° 7 | 16° 7 | 9°20 | F 14 |
| S 15 | 1 35 49 | 22°10'47 | 22°45 | 9°28 | 11°29 | 25°46 | 29°36 | 10°58 | 5°47 | 25° 8 | 13°19 | 29°49 | 29° 4 | 16°13 | 9°18 | S 15 |
| S 16 | 1 39 46 | 23° 9'27 | 7 <u>₽</u> 47 | 11°15 | 12°38 | 26° 5 | 29°31 | 10°54 | 5°50 | 25° 8 | 13°22 | 29°39 | 29° 1 | 16°20 | 9°15 | S 16 |
| M17 | 1 43 42 | 24° 8'09 | 22°48 | 13° 2 | 13°48 | 26°24 | 29°26 | 10°50 | 5°53 | 25° 9 | 13°24 | 29°28 | 28°58 | 16°27 | 9°12 | M17 |
| T 18 | 1 47 39 | 25° 6'53 | 7 M .38 | 14°51 | 14°57 | 26°44 | 29°20 | 10°45 | 5°55 | 25° 9 | 13°26 | 29°17 | 28°55 | 16°33 | 9°10 | T 18 |
| W19 | 1 51 35 | 26° 5'39 | 22° 9 | 16°40 | 16° 7 | 27° 5 | 29°15 | 10°41 | 5°58 | 25° 9 | 13°29 | 29° 6 | 28°52 | 16°40 | 9° 7 | W19 |
| T 20 | 1 55 32 | 27° 4'27 | 6 ₹ 15 | 18°29 | 17°17 | 27°26 | 29° 9 | 10°36 | 6° 1 | 25°10 | 13°31 | 28°57 | 28°48 | 16°47 | 9° 4 | T 20 |
| F 21 | 1 59 28 | 28° 3'17 | 19°52 | 20°19 | 18°27 | 27°48 | 29° 3 | 10°32 | 6° 3 | 25°10 | 13°33 | 28°51 | 28°45 | 16°53 | 9° 2 | F 21 |
| S 22 | 2 3 25 | 29° 2'08 | 3ਰ 1 | 22° 8 | 19°37 | 28°10 | 28°57 | 10°27 | 6° 6 | 25°11 | 13°36 | 28°47 | 28°42 | 17° 0 | 8°59 | S 22 |
| S 23 | 2 7 22 | OML 1'01 | 15°45 | 23°57 | 20°47 | 28°33 | 28°51 | 10°23 | 6° 9 | 25°11 | 13°38 | 28°45 | 28°39 | 17° 7 | 8°56 | S 23 |
| M24 | 2 11 18 | 0°59'56 | 28° 7 | 25°46 | 21°57 | 28°57 | 28°45 | 10°18 | 6°11 | 25°12 | 13°40 | 28°45 | 28°36 | 17°13 | 8°54 | M24 |
| T 25 | 2 15 15 | 1°58'52 | 10≈13 | 27°34 | 23° 8 | 29°20 | 28°39 | 10°13 | 6°14 | 25°12 | 13°43 | 28°45 | 28°33 | 17°20 | 8°51 | T 25 |
| W26 | 2 19 11 | 2°57'50 | 22° 8 | 29°22 | 24°18 | 29°45 | 28°32 | 10° 9 | 6°16 | 25°13 | 13°45 | 28°44 | 28°29 | 17°27 | 8°48 | W26 |
| T 27 | 2 23 8 | 3°56'49 | 3) €58 | 1 m 9 | 25°29 | 0 ∺ 9 | 28°25 | 10° 4 | 6°18 | 25°14 | 13°47 | 28°41 | 28°26 | 17°33 | 8°46 | T 27 |
| F 28 | 2 27 4 | 4°55'51 | 15°47 | 2°56 | 26°40 | 0°35 | 28°19 | 9°59 | 6°21 | 25°14 | 13°50 | 28°35 | 28°23 | 17°40 | 8°43 | F 28 |
| S 29 | 2 31 1 | 5°54'54 | 27°40 | 4°41 | 27°50 | 1° 0 | 28°12 | 9°55 | 6°23 | 25°15 | 13°52 | 28°27 | 28°20 | 17°47 | 8°40 | S 29 |
| S 30 | 2 34 57 | 6°53'58 | 9Υ39 | 6°26 | 29° 1 | 1°26 | 28° 5 | 9°50 | 6°25 | 25°16 | 13°54 | 28°16 | 28°17 | 17°54 | 8°37 | S 30 |
| M31 | 2 38 54 | 7 11 L53'05 | 21Υ48 | 8 M .11 | 0 ₽ 13 | 1)(53 | 27 8 58 | 9 8 45 | 6 m 27 | 25 3 10 | 13 ML 57 | 289 3 | 28913 | 18) 0 | 8 8 35 | M31 |
| 1,101 | 2 30 34 | 711033 03 | 21 1 70 | Ollott | 0-13 | 17(33 | 2,030 | 7043 | ∪ .jų ∠ / | 23 017 | 1311037 | 20-3 | 20-13 | 10/(0 | 0000 | 171.01 |

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| T 1 | 2 42 51 | 8ML52'14 | 4 8 6 | 9 ™ 54 | 1 ≏ 24 | 2) (20 | 27°R50 | 9°R41 | 6 m 30 | 25 궁 17 | 13 M .59 | 27°R49 | 289510 | 18) 7 | 8°R32 | T 1 |
| W 2 | 2 46 47 | 9°51'24 | 16°35 | 11°37 | 2°35 | 2°47 | 27 8 43 | 9 8 36 | 6°32 | 25°18 | 14° 2 | 27936 | 28° 7 | 18°14 | 8 8 29 | W 2 |
| T 3 | 2 50 44 | 10°50'37 | 29°16 | 13°19 | 3°47 | 3°15 | 27°36 | 9°31 | 6°34 | 25°19 | 14° 4 | 27°24 | 28° 4 | 18°20 | 8°26 | T 3 |
| F 4 | 2 54 40 | 11°49'51 | 12 I 7 | 15° 0 | 4°58 | 3°43 | 27°28 | 9°27 | 6°36 | 25°20 | 14° 6 | 27°15 | 28° 1 | 18°27 | 8°24 | F 4 |
| S 5 | 2 58 37 | 12°49'08 | 25° 9 | 16°41 | 6°10 | 4°12 | 27°20 | 9°22 | 6°38 | 25°21 | 14° 9 | 27° 8 | 27°58 | 18°34 | 8°21 | S 5 |
| S 6 | 3 2 33 | 13°48'27 | 89522 | 18°21 | 7°21 | 4°41 | 27°13 | 9°17 | 6°40 | 25°22 | 14°11 | 27° 5 | 27°54 | 18°40 | 8°18 | S 6 |
| M 7 | 3 6 30 | 14°47'48 | 21°47 | 20° 0 | 8°33 | 5°10 | 27° 5 | 9°13 | 6°42 | 25°23 | 14°14 | 27°D 3 | 27°51 | 18°47 | 8°15 | M 7 |
| T 8 | 3 10 26 | 15°47'12 | 5 Ω 25 | 21°38 | 9°45 | 5°39 | 26°57 | 9° 8 | 6°44 | 25°24 | 14°16 | 27° 4 | 27°48 | 18°54 | 8°13 | T 8 |
| W 9 | 3 14 23 | 16°46'37 | 19°17 | 23°16 | 10°57 | 6° 9 | 26°49 | 9° 3 | 6°45 | 25°25 | 14°18 | 27°R 4 | 27°45 | 19° 0 | 8°10 | W 9 |
| T 10 | 3 18 20 | 17°46'05 | 3 m 23 | 24°53 | 12° 9 | 6°39 | 26°41 | 8°59 | 6°47 | 25°26 | 14°21 | 27° 3 | 27°42 | 19° 7 | 8° 7 | T 10 |
| F 11 | 3 22 16 | 18°45'35 | 17°43 | 26°29 | 13°22 | 7°10 | 26°33 | 8°54 | 6°49 | 25°27 | 14°23 | 27° 0 | 27°38 | 19°14 | 8° 5 | F 11 |
| S 12 | 3 26 13 | 19°45'07 | 2 ≏ 14 | 28° 5 | 14°34 | 7°41 | 26°25 | 8°49 | 6°50 | 25°28 | 14°26 | 26°54 | 27°35 | 19°21 | 8° 2 | S 12 |
| S 13 | 3 30 9 | 20°44'42 | 16°52 | 29°40 | 15°46 | 8°12 | 26°17 | 8°45 | 6°52 | 25°30 | 14°28 | 26°46 | 27°32 | 19°27 | 7°59 | S 13 |
| M14 | 3 34 6 | 21°44'18 | 1 M J31 | 1 ~ 15 | 16°59 | 8°43 | 26° 9 | 8°40 | 6°54 | 25°31 | 14°30 | 26°36 | 27°29 | 19°34 | 7°57 | M14 |
| T 15 | 3 38 2 | 22°43'57 | 16° 2 | 2°49 | 18°11 | 9°15 | 26° 1 | 8°36 | 6°55 | 25°32 | 14°33 | 26°26 | 27°26 | 19°41 | 7°54 | T 15 |
| W16 | 3 41 59 | 23°43'38 | 0 ∡ 18 | 4°23 | 19°24 | 9°47 | 25°53 | 8°31 | 6°57 | 25°33 | 14°35 | 26°16 | 27°23 | 19°47 | 7°51 | W16 |
| T 17 | 3 45 55 | 24°43'20 | 14°15 | 5°56 | 20°37 | 10°20 | 25°45 | 8°27 | 6°58 | 25°35 | 14°37 | 26° 8 | 27°19 | 19°54 | 7°49 | T 17 |
| F 18 | 3 49 52 | 25°43'05 | 2 <u>7</u> °48 | 7°28 | 21°49 | 10°52 | 25°37 | 8°23 | 6°59 | 25°36 | 14°40 | 26° 2 | 27°16 | 20° 1 | 7°46 | F 18 |
| S 19 | 3 53 49 | 26°42'51 | 10 궁 57 | 9° 0 | 23° 2 | 11°25 | 25°28 | 8°18 | 7° 1 | 25°37 | 14°42 | 25°59 | 27°13 | 20° 7 | 7°44 | S 19 |
| S 20 | 3 57 45 | 27°42'39 | 23°41 | 10°31 | 24°15 | 11°58 | 25°20 | 8°14 | 7° 2 | 25°39 | 14°45 | 25°D57 | 27°10 | 20°14 | 7°41 | S 20 |
| M21 | 4 1 42 | 28°42'28 | 6≈ 6 | 12° 2 | 25°28 | 12°32 | 25°12 | 8°10 | 7° 3 | 25°40 | 14°47 | 25°58 | 27° 7 | 20°21 | 7°39 | M21 |
| T 22 | 4 5 38 | 29°42'19 | 18°14 | 13°33 | 26°41 | 13° 6 | 25° 4 | 8° 5 | 7° 4 | 25°42 | 14°49 | 25°59 | 27° 4 | 20°27 | 7°36 | T 22 |
| W23 | 4 9 35 | 0 ₮ 42'12 | 0 ∺ 11 | 15° 2 | 27°54 | 13°39 | 24°56 | 8° 1 | 7° 5 | 25°43 | 14°52 | 25°R59 | 27° 0 | 20°34 | 7°34 | W23 |
| T 24 | 4 13 31 | 1°42'06 | 12° 2 | 16°32 | 29° 7 | 14°14 | 24°48 | 7°57 | 7° 6 | 25°45 | 14°54 | 25°59 | 26°57 | 20°41 | 7°31 | T 24 |
| F 25 | 4 17 28 | 2°42'02 | 23°53 | 18° 1 | 0 M 21 | 14°48 | 24°40 | 7°53 | 7° 7 | 25°46 | 14°56 | 25°56 | 26°54 | 20°48 | 7°29 | F 25 |
| S 26 | 4 21 24 | 3°41'59 | 5 ℃ 48 | 19°29 | 1°34 | 15°23 | 24°32 | 7°49 | 7° 8 | 25°48 | 14°59 | 25°51 | 26°51 | 20°54 | 7°26 | S 26 |
| S 27 | 4 25 21 | 4°41'58 | 17°51 | 20°57 | 2°47 | 15°57 | 24°24 | 7°45 | 7° 9 | 25°49 | 15° 1 | 25°44 | 26°48 | 21° 1 | 7°24 | S 27 |
| M28 | 4 29 18 | 5°41'58 | 0 8 6 | 22°24 | 4° 1 | 16°32 | 24°16 | 7°41 | 7°10 | 25°51 | 15° 3 | 25°36 | 26°44 | 21° 8 | 7°22 | M28 |
| T 29 | 4 33 14 | 6°42'00 | 12°35 | 23°51 | 5°14 | 17° 8 | 24° 9 | 7°38 | 7°11 | 2 <u>5</u> °52 | 15° 5 | 25°27 | 26°41 | 21°14 | 7°19 | T 29 |
| W30 | 4 37 11 | 7 ,₹ 142'04 | 25 8 18 | 25 × 17 | 6 M 28 | 17) (43 | 248 1 | 7 8 34 | 7 m) 12 | 25 る 54 | 15 M 8 | 259518 | 26938 | 21 米 21 | 7 8 17 | W30 |

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| T 1 | 4 41 7 | 8 .7 42'10 | 8 Ⅱ 17 | 26 × 742 | 7 M 41 | 18) 19 | 23°R53 | 7°R30 | 7 m 12 | 25 る 56 | 15 M 10 | 25°R10 | 26935 | 21 米 28 | 7°R15 | T 1 |
| F 2 | 4 45 4 | 9°42'17 | 21°30 | 28° 7 | 8°55 | 18°54 | 23846 | 7 8 27 | 7°13 | 25°57 | 15°12 | 2599 3 | 26°32 | 21°34 | 7 8 13 | F 2 |
| S 3 | 4 49 0 | 10°42'26 | 4955 | 29°31 | 10° 9 | 19°30 | 23°38 | 7°23 | 7°13 | 25°59 | 15°14 | 24°59 | 26°29 | 21°41 | 7°10 | S 3 |
| S 4 | 4 52 57 | 11°42'37 | 18°31 | 0 궁 54 | 11°22 | 20° 6 | 23°31 | 7°20 | 7°14 | 26° 1 | 15°17 | 24°D58 | 26°25 | 21°48 | 7° 8 | S 4 |
| M 5 | 4 56 53 | 12°42'50 | 2 Ω 17 | 2°16 | 12°36 | 20°43 | 23°24 | 7°16 | 7°14 | 26° 3 | 15°19 | 24°58 | 26°22 | 21°55 | 7° 6 | M 5 |
| T 6 | 5 0 50 | 13°43'04 | 16°10 | 3°37 | 13°50 | 21°19 | 23°17 | 7°13 | 7°15 | 26° 4 | 15°21 | 24°59 | 26°19 | 22° 1 | 7° 4 | T 6 |
| W 7 | 5 4 47 | 14°43'21 | 0 Mp 10 | 4°58 | 15° 4 | 21°56 | 23° 9 | 7°10 | 7°15 | 26° 6 | 15°23 | 25° 0 | 26°16 | 22° 8 | 7° 2 | W 7 |
| T 8 | 5 8 43 | 15°43'39 | 14°16 | 6°17 | 16°18 | 22°32 | 23° 3 | 7° 6 | 7°15 | 26° 8 | 15°25 | 25°R 1 | 26°13 | 22°15 | 7° 0 | T 8 |
| F 9 | 5 12 40 | 16°43'59 | 28°26 | 7°34 | 17°32 | 23° 9 | 22°56 | 7° 3 | 7°16 | 26°10 | 15°27 | 25° 0 | 26°10 | 22°21 | 6°58 | F 9 |
| S 10 | 5 16 36 | 17°44'21 | 12 ≏ 39 | 8°50 | 18°46 | 23°46 | 22°49 | 7° 0 | 7°16 | 26°12 | 15°29 | 24°58 | 26° 6 | 22°28 | 6°56 | S 10 |
| S 11 | 5 20 33 | 18°44'45 | 26°52 | 10° 5 | 20° 0 | 24°24 | 22°42 | 6°57 | 7°16 | 26°13 | 15°32 | 24°54 | 26° 3 | 22°35 | 6°54 | S 11 |
| M12 | 5 24 29 | 19°45'11 | 11 m 2 | 11°17 | 21°14 | 25° 1 | 22°36 | 6°55 | 7°16 | 26°15 | 15°34 | 24°49 | 26° 0 | 22°41 | 6°52 | M12 |
| T 13 | 5 28 26 | 20°45'39 | 25° 5 | 12°28 | 22°29 | 25°38 | 22°30 | 6°52 | 7°R16 | 26°17 | 15°36 | 24°43 | 25°57 | 22°48 | 6°51 | T 13 |
| W14 | 5 32 22 | 21°46'08 | 8 才 56 | 13°36 | 23°43 | 26°16 | 22°24 | 6°49 | 7°16 | 26°19 | 15°38 | 24°38 | 25°54 | 22°55 | 6°49 | W14 |
| T 15 | 5 36 19 | 22°46'39 | 22°32 | 14°41 | 24°57 | 26°54 | 22°18 | 6°47 | 7°16 | 26°21 | 15°40 | 24°34 | 25°50 | 23° 2 | 6°47 | T 15 |
| F 16 | 5 40 16 | 23°47'11 | 5 云 50 | 15°42 | 26°11 | 27°32 | 22°12 | 6°44 | 7°16 | 26°23 | 15°42 | 24°31 | 25°47 | 23° 8 | 6°46 | F 16 |
| S 17 | 5 44 12 | 24°47'45 | 18°49 | 16°41 | 27°26 | 28°10 | 22° 6 | 6°42 | 7°15 | 26°25 | 15°44 | 24°D29 | 25°44 | 23°15 | 6°44 | S 17 |
| S 18 | 5 48 9 | 25°48'20 | 1≈29 | 17°35 | 28°40 | 28°48 | 22° 1 | 6°40 | 7°15 | 26°27 | 15°46 | 24°29 | 25°41 | 23°22 | 6°42 | S 18 |
| M19 | 5 52 5 | 26°48'56 | 13°52 | 18°24 | 29°55 | 29°26 | 21°55 | 6°37 | 7°15 | 26°29 | 15°48 | 24°30 | 25°38 | 23°28 | 6°41 | M19 |
| T 20 | 5 56 2 | 27°49'33 | 26° 0 | 19° 8 | 1 才 9 | oΥ 4 | 21°50 | 6°35 | 7°14 | 26°31 | 15°50 | 24°32 | 25°35 | 23°35 | 6°39 | T 20 |
| W21 | 5 59 58 | 28°50'11 | 7 ∺ 59 | 19°46 | 2°24 | 0°43 | 21°45 | 6°33 | 7°14 | 26°33 | 15°52 | 24°34 | 25°31 | 23°42 | 6°38 | W21 |
| T 22 | 6 3 55 | 29°50'50 | 19°51 | 20°17 | 3°38 | 1°22 | 21°40 | 6°32 | 7°13 | 26°35 | 15°53 | 24°35 | 25°28 | 23°48 | 6°36 | T 22 |
| F 23 | 6 7 51 | 0 궁 51'31 | 1 Υ 42 | 20°41 | 4°53 | 2° 0 | 21°36 | 6°30 | 7°13 | 26°37 | 15°55 | 24°R36 | 25°25 | 23°55 | 6°35 | F 23 |
| S 24 | 6 11 48 | 1°52'12 | 13°37 | 20°57 | 6° 7 | 2°39 | 21°31 | 6°28 | 7°12 | 26°39 | 15°57 | 24°35 | 25°22 | 24° 2 | 6°34 | S 24 |
| S 25 | 6 15 45 | 2°52'54 | 25°41 | 21°R 3 | 7°22 | 3°18 | 21°27 | 6°27 | 7°12 | 26°42 | 15°59 | 24°33 | 25°19 | 24° 9 | 6°33 | S 25 |
| M26 | 6 19 41 | 3°53'37 | 7 8 57 | 20°59 | 8°36 | 3°57 | 21°23 | 6°25 | 7°11 | 26°44 | 16° 1 | 24°31 | 25°16 | 24°15 | 6°31 | M26 |
| T 27 | 6 23 38 | 4°54'21 | 20°30 | 20°45 | 9°51 | 4°36 | 21°19 | 6°24 | 7°10 | 26°46 | 16° 2 | 24°28 | 25°12 | 24°22 | 6°30 | T 27 |
| W28 | 6 27 34 | 5°55'06 | 3 Ⅱ 22 | 20°19 | 11° 6 | 5°15 | 21°15 | 6°22 | 7° 9 | 26°48 | 16° 4 | 24°25 | 25° 9 | 24°29 | 6°29 | W28 |
| T 29 | 6 31 31 | 6°55'52 | 16°34 | 19°42 | 12°21 | 5°54 | 21°12 | 6°21 | 7° 8 | 26°50 | 16° 6 | 24°22 | 25° 6 | 24°35 | 6°28 | T 29 |
| F 30 | 6 35 27 | <u>7</u> °56'39 | OS 5 | 1 <u>8</u> °54 | 13°35 | 6°34 | 21° 8 | 6°20 | 7° 7 | 2 <u>6</u> °52 | 16° 8 | 24°20 | 25° 3 | 24°42 | 6°27 | F 30 |
| S 31 | 6 39 24 | 8 궁 57'27 | 13955 | 17 る 56 | 14 ×7 50 | 7 Υ 13 | 218 5 | 6819 | 7 m) 7 | 26 궁 54 | 16 M 9 | 249519 | 259 0 | 24 米 49 | 6 8 26 | S 31 |

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|------|---------|------------------|----------------------|----------------|----------------|---------------|----------------|---------------|--------|----------------|-----------------|--------|--------|----------------|---------------|------|
| S 1 | 6 43 21 | 9 ට 58'16 | 27958 | 16°R49 | 16 ₹ 5 | 7 Υ 52 | 21°R 2 | 6°R18 | 7°R 6 | 26 궁 57 | 16 M .11 | 24°D19 | 249556 | 24 米 55 | 6°R25 | S 1 |
| M 2 | 6 47 17 | 10°59'06 | 12 Ω 12 | 15 る 34 | 17°20 | 8°32 | 20 8 59 | 6 8 18 | 7Mp 4 | 26°59 | 16°12 | 249519 | 24°53 | 25° 2 | 6 8 24 | M 2 |
| T 3 | 6 51 14 | 11°59'57 | 26°33 | 14°13 | 18°34 | 9°11 | 20°57 | 6°17 | 7° 3 | 27° 1 | 16°14 | 24°20 | 24°50 | 25° 9 | 6°24 | T 3 |
| W 4 | 6 55 10 | 13° 0'49 | 10 m 55 | 12°50 | 19°49 | 9°51 | 20°54 | 6°17 | 7° 2 | 27° 3 | 16°16 | 24°21 | 24°47 | 25°16 | 6°23 | W 4 |
| T 5 | 6 59 7 | 14° 1'42 | 25°14 | 11°28 | 21° 4 | 10°31 | 20°52 | 6°16 | 7° 1 | 27° 5 | 16°17 | 24°22 | 24°44 | 25°22 | 6°22 | T 5 |
| F 6 | 7 3 3 | 15° 2'37 | 9 <u>Ω</u> 29 | 10° 8 | 22°19 | 11°11 | 20°50 | 6°16 | 7° 0 | 27° 8 | 16°19 | 24°R23 | 24°41 | 25°29 | 6°22 | F 6 |
| S 7 | 7 7 0 | 16° 3'32 | 23°36 | 8°54 | 23°34 | 11°50 | 20°49 | 6°16 | 6°58 | 27°10 | 16°20 | 24°23 | 24°37 | 25°36 | 6°21 | S 7 |
| S 8 | 7 10 56 | 17° 4'29 | 7 M .33 | 7°47 | 24°49 | 12°30 | 20°47 | 6°D16 | 6°57 | 27°12 | 16°21 | 24°22 | 24°34 | 25°42 | 6°21 | S 8 |
| M 9 | 7 14 53 | 18° 5'26 | 21°20 | 6°50 | 26° 4 | 13°10 | 20°46 | 6°16 | 6°56 | 27°14 | 16°23 | 24°22 | 24°31 | 25°49 | 6°20 | M 9 |
| T 10 | 7 18 50 | 19° 6'25 | 4 ₹ 755 | 6° 3 | 27°19 | 13°50 | 20°45 | 6°16 | 6°54 | 27°17 | 16°24 | 24°21 | 24°28 | 25°56 | 6°20 | T 10 |
| W11 | 7 22 46 | 20° 7'25 | 18°18 | 5°26 | 28°34 | 14°30 | 20°44 | 6°16 | 6°53 | 27°19 | 16°26 | 24°20 | 24°25 | 26° 3 | 6°19 | W11 |
| T 12 | 7 26 43 | 21° 8'25 | 1 る 27 | 5° 1 | 29°49 | 15°10 | 20°43 | 6°16 | 6°51 | 27°21 | 16°27 | 24°20 | 24°22 | 26° 9 | 6°19 | T 12 |
| F 13 | 7 30 39 | 22° 9'26 | 14°23 | 4°47 | 1중 4 | 15°51 | 20°43 | 6°17 | 6°49 | 27°23 | 16°28 | 24°20 | 24°18 | 26°16 | 6°19 | F 13 |
| S 14 | 7 34 36 | 23°10'28 | 27° 5 | 4°D43 | 2°19 | 16°31 | 20°42 | 6°17 | 6°48 | 27°26 | 16°29 | 24°D20 | 24°15 | 26°23 | 6°19 | S 14 |
| S 15 | 7 38 32 | 24°11'30 | 9≈33 | 4°49 | 3°34 | 17°11 | 20°D42 | 6°18 | 6°46 | 27°28 | 16°31 | 24°R20 | 24°12 | 26°29 | 6°19 | S 15 |
| M16 | 7 42 29 | 25°12'33 | 21°50 | 5° 3 | 4°49 | 17°51 | 20°43 | 6°19 | 6°44 | 27°30 | 16°32 | 24°20 | 24° 9 | 26°36 | 6°19 | M16 |
| T 17 | 7 46 25 | 26°13'36 | 3 ∺ 55 | 5°26 | 6° 4 | 18°32 | 20°43 | 6°20 | 6°43 | 27°32 | 16°33 | 24°19 | 24° 6 | 26°43 | 6°D19 | T 17 |
| W18 | 7 50 22 | 27°14'39 | 15°52 | 5°56 | 7°19 | 19°12 | 20°44 | 6°21 | 6°41 | 27°35 | 16°34 | 24°19 | 24° 2 | 26°49 | 6°19 | W18 |
| T 19 | 7 54 19 | 28°15'42 | 27°44 | 6°33 | 8°35 | 19°53 | 20°44 | 6°22 | 6°39 | 27°37 | 16°35 | 24°19 | 23°59 | 26°56 | 6°19 | T 19 |
| F 20 | 7 58 15 | 29°16'45 | 9 Υ 35 | 7°15 | 9°50 | 20°33 | 20°45 | 6°23 | 6°37 | 27°39 | 16°36 | 24°18 | 23°56 | 27° 3 | 6°19 | F 20 |
| S 21 | 8 2 12 | 0≈17'49 | 21°29 | 8° 3 | 11° 5 | 21°14 | 20°47 | 6°24 | 6°35 | 27°41 | 16°37 | 24°18 | 23°53 | 27°10 | 6°19 | S 21 |
| S 22 | 8 6 8 | 1°18'52 | 3 8 30 | 8°55 | 12°20 | 21°54 | 20°48 | 6°26 | 6°33 | 27°44 | 16°38 | 24°D18 | 23°50 | 27°16 | 6°19 | S 22 |
| M23 | 8 10 5 | 2°19'56 | 15°44 | 9°52 | 13°35 | 22°35 | 20°50 | 6°27 | 6°31 | 27°46 | 16°39 | 24°18 | 23°47 | 27°23 | 6°20 | M23 |
| T 24 | 8 14 1 | 3°20'59 | 28°14 | 10°52 | 14°50 | 23°15 | 20°51 | 6°29 | 6°29 | 27°48 | 16°40 | 24°19 | 23°43 | 27°30 | 6°20 | T 24 |
| W25 | 8 17 58 | 4°22'03 | 11 II 4 | 11°55 | 16° 5 | 23°56 | 20°53 | 6°31 | 6°27 | 27°51 | 16°41 | 24°20 | 23°40 | 27°36 | 6°20 | W25 |
| T 26 | 8 21 54 | 5°23'06 | 24°19 | 13° 1 | 17°21 | 24°37 | 20°56 | 6°33 | 6°25 | 27°53 | 16°42 | 24°21 | 23°37 | 27°43 | 6°21 | T 26 |
| F 27 | 8 25 51 | 6°24'09 | 7958 | 14°10 | 18°36 | 25°17 | 20°58 | 6°35 | 6°23 | 27°55 | 16°43 | 24°21 | 23°34 | 27°50 | 6°22 | F 27 |
| S 28 | 8 29 48 | 7°25'13 | 22° 2 | 15°21 | 19°51 | 25°58 | 21° 1 | 6°37 | 6°21 | 27°57 | 16°43 | 24°R22 | 23°31 | 27°57 | 6°22 | S 28 |
| S 29 | 8 33 44 | 8°26'16 | 6 Ω 26 | 16°34 | 21° 6 | 26°39 | 21° 4 | 6°39 | 6°18 | 28° 0 | 16°44 | 24°22 | 23°28 | 28° 3 | 6°23 | S 29 |
| M30 | 8 37 41 | 9°27'19 | 21° 7 | 1 <u>7</u> °49 | 2 <u>2°</u> 21 | 27°20 | 21° 7 | 6°41 | 6°16 | 2 <u>8</u> ° 2 | 16°45 | 24°21 | 23°24 | 28°10 | 6°23 | M30 |
| T 31 | 8 41 37 | 10≈28'22 | 5 m 57 | 19 궁 5 | 23 る 37 | 28 Y 0 | 21810 | 6 8 43 | 6Mp 14 | 28 궁 4 | 16 M 45 | 249519 | 239521 | 28 米 17 | 6824 | T 31 |

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|------|----------|--------------------|-----------------|----------------|----------------|----------------|----------------|---------------|--------------|---------------|--------|--------|--------|----------------|---------------|------|
| W 1 | 8 45 34 | 11≈29'25 | 20 m /48 | 20 궁 23 | 24 궁 52 | 28 Y 41 | 21813 | 6 8 46 | 6°R12 | 28 궁 6 | 16M46 | 24°R17 | 239518 | 28 米 23 | 6 8 25 | W 1 |
| T 2 | 8 49 30 | 12°30'28 | 5 ₾ 33 | 21°43 | 26° 7 | 29°22 | 21°17 | 6°49 | 6Mp 9 | 28° 8 | 16°47 | 249514 | 23°15 | 28°30 | 6°26 | T 2 |
| F 3 | 8 53 27 | 13°31'31 | 20° 4 | 23° 3 | 27°22 | 0 8 3 | 21°21 | 6°51 | 6° 7 | 28°11 | 16°47 | 24°12 | 23°12 | 28°37 | 6°27 | F 3 |
| S 4 | 8 57 23 | 14°32'35 | 4 M .19 | 24°25 | 28°37 | 0°44 | 21°25 | 6°54 | 6° 5 | 28°13 | 16°48 | 24°11 | 23° 8 | 28°44 | 6°28 | S 4 |
| S 5 | 9 1 20 | 15°33'38 | 18°15 | 25°48 | 29°53 | 1°24 | 21°29 | 6°57 | 6° 2 | 28°15 | 16°48 | 24°D11 | 23° 5 | 28°50 | 6°29 | S 5 |
| M 6 | 9 5 17 | 16°34'42 | 1 才 52 | 27°11 | 1≈ 8 | 2° 5 | 21°33 | 7° 0 | 6° 0 | 28°17 | 16°49 | 24°11 | 23° 2 | 28°57 | 6°30 | M 6 |
| T 7 | 9 9 13 | 17°35'45 | 15°10 | 28°36 | 2°23 | 2°46 | 21°38 | 7° 3 | 5°57 | 28°19 | 16°49 | 24°13 | 22°59 | 29° 4 | 6°31 | T 7 |
| W 8 | 9 13 10 | 18°36'49 | 28°11 | 0≈ 1 | 3°38 | 3°27 | 21°43 | 7° 6 | 5°55 | 28°22 | 16°50 | 24°14 | 22°56 | 29°10 | 6°32 | W 8 |
| T 9 | 9 17 6 | 19°37'52 | 10 궁 58 | 1°28 | 4°54 | 4° 8 | 21°48 | 7° 9 | 5°53 | 28°24 | 16°50 | 24°16 | 22°53 | 29°17 | 6°34 | T 9 |
| F 10 | 9 21 3 | 20°38'55 | 23°32 | 2°54 | 6° 9 | 4°49 | 21°53 | 7°13 | 5°50 | 28°26 | 16°50 | 24°R17 | 22°49 | 29°24 | 6°35 | F 10 |
| S 11 | 9 24 59 | 21°39'58 | 5 ≈ 55 | 4°22 | 7°24 | 5°30 | 21°58 | 7°16 | 5°48 | 28°28 | 16°50 | 24°16 | 22°46 | 29°31 | 6°36 | S 11 |
| S 12 | 9 28 56 | 22°41'01 | 18° 9 | 5°50 | 8°40 | 6°11 | 22° 4 | 7°20 | 5°45 | 28°30 | 16°51 | 24°14 | 22°43 | 29°37 | 6°38 | S 12 |
| M13 | 9 32 53 | 23°42'02 | 0) €16 | 7°19 | 9°55 | 6°51 | 22° 9 | 7°23 | 5°42 | 28°32 | 16°51 | 24°10 | 22°40 | 29°44 | 6°39 | M13 |
| T 14 | 9 36 49 | 24°43'04 | 12°15 | 8°49 | 11°10 | 7°32 | 22°15 | 7°27 | 5°40 | 28°34 | 16°51 | 24° 5 | 22°37 | 29°51 | 6°41 | T 14 |
| W15 | 9 40 46 | 25°44'04 | 24°10 | 10°19 | 12°25 | 8°13 | 22°21 | 7°31 | 5°37 | 28°36 | 16°51 | 23°59 | 22°34 | 29°57 | 6°42 | W15 |
| T 16 | 9 44 42 | 26°45'04 | 6 Υ 1 | 11°50 | 13°41 | 8°54 | 22°27 | 7°35 | 5°35 | 28°38 | 16°51 | 23°53 | 22°30 | 0 Υ 4 | 6°44 | T 16 |
| F 17 | 9 48 39 | 27°46'03 | 17°52 | 13°22 | 14°56 | 9°35 | 22°34 | 7°39 | 5°32 | 28°40 | 16°51 | 23°47 | 22°27 | 0°11 | 6°46 | F 17 |
| S 18 | 9 52 35 | 28°47'01 | 29°45 | 14°54 | 16°11 | 10°16 | 22°40 | 7°43 | 5°30 | 28°42 | 16°R51 | 23°42 | 22°24 | 0°17 | 6°47 | S 18 |
| S 19 | 9 56 32 | 29°47'58 | 11844 | 16°27 | 17°27 | 10°57 | 22°47 | 7°47 | 5°27 | 28°44 | 16°51 | 23°39 | 22°21 | 0°24 | 6°49 | S 19 |
| M20 | 10 0 28 | 0) (48′55 | 23°54 | 18° 1 | 18°42 | 11°38 | 22°54 | 7°51 | 5°24 | 28°46 | 16°51 | 23°37 | 22°18 | 0°31 | 6°51 | M20 |
| T 21 | 10 4 25 | 1°49'50 | 6 Ⅱ 18 | 19°35 | 19°57 | 12°19 | 23° 1 | 7°56 | 5°22 | 28°48 | 16°51 | 23°D37 | 22°14 | 0°38 | 6°53 | T 21 |
| W22 | 10 8 21 | 2°50'44 | 19° 2 | 21° 9 | 21°12 | 13° 0 | 23° 8 | 8° 0 | 5°19 | 28°50 | 16°51 | 23°38 | 22°11 | 0°44 | 6°55 | W22 |
| T 23 | 10 12 18 | 3°51'37 | 295 9 | 22°45 | 22°28 | 13°41 | 23°15 | 8° 5 | 5°17 | 28°52 | 16°51 | 23°39 | 22° 8 | 0°51 | 6°56 | T 23 |
| F 24 | 10 16 15 | 4°52'29 | 15°44 | 24°21 | 23°43 | 14°22 | 23°23 | 8° 9 | 5°14 | 28°54 | 16°51 | 23°40 | 22° 5 | 0°58 | 6°58 | F 24 |
| S 25 | 10 20 11 | 5°53'20 | 29°47 | 25°58 | 24°58 | 15° 3 | 23°30 | 8°14 | 5°11 | 28°56 | 16°51 | 23°R41 | 22° 2 | 1° 4 | 7° 1 | S 25 |
| S 26 | 10 24 8 | 6°54'09 | 14 Ω 17 | 27°35 | 26°13 | 15°44 | 23°38 | 8°19 | 5° 9 | 28°58 | 16°50 | 23°39 | 21°59 | 1°11 | 7° 3 | S 26 |
| M27 | 10 28 4 | 7°54'57 | 29°11 | 29°14 | 27°29 | 16°25 | 23°46 | 8°24 | 5° 6 | 29° 0 | 16°50 | 23°35 | 21°55 | 1°18 | 7° 5 | M27 |
| T 28 | 10 32 1 | 8) 55'45 | 14 M 20 | 0 ∺ 53 | 28≈44 | 17 8 5 | 23 8 54 | 8 8 29 | 5 m 3 | 29る 2 | 16ML50 | 239529 | 21952 | 1 Y 25 | 7 と 7 | T 28 |

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| W 1 | 10 35 57 | 9 ¥ 56'31 | 29 m 34 | 2 ∺ 32 | 29≈59 | 17 8 46 | 24 8 2 | 8 8 34 | 5°R 1 | 29궁 4 | 16°R49 | 23°R22 | 219549 | 1 Y 31 | 7 8 9 | W 1 |
| T 2 | 10 39 54 | 10°57'16 | 14 ≏ 44 | 4°13 | 1) (14 | 18°27 | 24°11 | 8°39 | 4 Mp 58 | 29° 5 | 16 M .49 | 239915 | 21°46 | 1°38 | 7°11 | T 2 |
| F 3 | 10 43 50 | 11°58'01 | 29°38 | 5°54 | 2°30 | 19° 8 | 24°19 | 8°44 | 4°56 | 29° 7 | 16°48 | 23° 8 | 21°43 | 1°45 | 7°14 | F 3 |
| S 4 | 10 47 47 | 12°58'44 | 14 M J11 | 7°36 | 3°45 | 19°49 | 24°28 | 8°49 | 4°53 | 29° 9 | 16°48 | 23° 3 | 21°39 | 1°51 | 7°16 | S 4 |
| S 5 | 10 51 44 | 13°59'27 | 28°17 | 9°19 | 5° 0 | 20°30 | 24°37 | 8°54 | 4°50 | 29°11 | 16°47 | 22°59 | 21°36 | 1°58 | 7°18 | S 5 |
| M 6 | 10 55 40 | 15° 0'09 | 11 ×7 57 | 11° 3 | 6°15 | 21°11 | 24°46 | 9° 0 | 4°48 | 29°13 | 16°47 | 22°D58 | 21°33 | 2° 5 | 7°21 | M 6 |
| T 7 | 10 59 37 | 16° 0'50 | 25°11 | 12°47 | 7°31 | 21°52 | 24°55 | 9° 5 | 4°45 | 29°14 | 16°46 | 22°58 | 21°30 | 2°12 | 7°23 | T 7 |
| W 8 | 11 3 33 | 17° 1'30 | 8 궁 3 | 14°33 | 8°46 | 22°32 | 25° 4 | 9°11 | 4°43 | 29°16 | 16°46 | 22°59 | 21°27 | 2°18 | 7°26 | W 8 |
| T 9 | 11 7 30 | 18° 2'09 | 20°38 | 16°19 | 10° 1 | 23°13 | 25°13 | 9°16 | 4°40 | 29°18 | 16°45 | 23°R 0 | 21°24 | 2°25 | 7°28 | T 9 |
| F 10 | 11 11 26 | 19° 2'47 | 2≈58 | 18° 6 | 11°16 | 23°54 | 25°23 | 9°22 | 4°38 | 29°19 | 16°44 | 22°59 | 21°20 | 2°32 | 7°31 | F 10 |
| S 11 | 11 15 23 | 20° 3'23 | 15° 7 | 19°54 | 12°31 | 24°35 | 25°32 | 9°28 | 4°35 | 29°21 | 16°44 | 22°57 | 21°17 | 2°38 | 7°34 | S 11 |
| S 12 | 11 19 19 | 21° 3'59 | 27° 9 | 21°42 | 13°47 | 25°16 | 25°42 | 9°33 | 4°33 | 29°22 | 16°43 | 22°52 | 21°14 | 2°45 | 7°36 | S 12 |
| M13 | 11 23 16 | 22° 4'33 | 9) 6 | 23°32 | 15° 2 | 25°56 | 25°52 | 9°39 | 4°30 | 29°24 | 16°42 | 22°44 | 21°11 | 2°52 | 7°39 | M13 |
| T 14 | 11 27 13 | 23° 5'06 | 21° 0 | 25°22 | 16°17 | 26°37 | 26° 2 | 9°45 | 4°28 | 29°25 | 16°41 | 22°33 | 21° 8 | 2°59 | 7°42 | T 14 |
| W15 | 11 31 9 | 24° 5'37 | 2 Υ 52 | 27°13 | 17°32 | 27°18 | 26°12 | 9°51 | 4°25 | 29°27 | 16°41 | 22°21 | 21° 5 | 3° 5 | 7°44 | W15 |
| T 16 | 11 35 6 | 25° 6'07 | 14°43 | 29° 4 | 18°47 | 27°59 | 26°22 | 9°57 | 4°23 | 29°28 | 16°40 | 22° 8 | 21° 1 | 3°12 | 7°47 | T 16 |
| F 17 | 11 39 2 | 26° 6'36 | 26°36 | 0 Υ 56 | 20° 2 | 28°39 | 26°33 | 10° 3 | 4°20 | 29°30 | 16°39 | 21°56 | 20°58 | 3°19 | 7°50 | F 17 |
| S 18 | 11 42 59 | 27° 7'02 | 8 8 32 | 2°49 | 21°18 | 29°20 | 26°43 | 10° 9 | 4°18 | 29°31 | 16°38 | 21°45 | 20°55 | 3°25 | 7°53 | S 18 |
| S 19 | 11 46 55 | 28° 7'27 | 20°33 | 4°42 | 22°33 | 0耳 1 | 26°53 | 10°15 | 4°16 | 29°33 | 16°37 | 21°36 | 20°52 | 3°32 | 7°56 | S 19 |
| M20 | 11 50 52 | 29° 7'51 | 2 Ⅱ 43 | 6°35 | 23°48 | 0°41 | 27° 4 | 10°22 | 4°13 | 29°34 | 16°36 | 21°31 | 20°49 | 3°39 | 7°59 | M20 |
| T 21 | 11 54 48 | 0 Υ 8'12 | 15° 5 | 8°29 | 25° 3 | 1°22 | 27°15 | 10°28 | 4°11 | 29°35 | 16°35 | 21°27 | 20°45 | 3°46 | 8° 2 | T 21 |
| W22 | 11 58 45 | 1° 8'32 | 27°44 | 10°22 | 26°18 | 2° 3 | 27°26 | 10°34 | 4° 9 | 29°37 | 16°34 | 21°D26 | 20°42 | 3°52 | 8° 5 | W22 |
| T 23 | 12 241 | 2° 8'50 | 109943 | 12°15 | 27°33 | 2°43 | 27°37 | 10°41 | 4° 7 | 29°38 | 16°33 | 21°26 | 20°39 | 3°59 | 8° 8 | T 23 |
| F 24 | 12 6 38 | 3° 9'06 | 24° 8 | 14° 7 | 28°48 | 3°24 | 27°48 | 10°47 | 4° 4 | 29°39 | 16°32 | 21°R26 | 20°36 | 4° 6 | 8°11 | F 24 |
| S 25 | 12 10 35 | 4° 9'20 | 8 N 0 | 15°58 | 0 Υ 3 | 4° 4 | 27°59 | 10°54 | 4° 2 | 29°41 | 16°31 | 21°25 | 20°33 | 4°12 | 8°14 | S 25 |
| S 26 | 12 14 31 | 5° 9'32 | 22°22 | 17°49 | 1°18 | 4°45 | 28°10 | 11° 0 | 4° 0 | 29°42 | 16°30 | 21°22 | 20°30 | 4°19 | 8°17 | S 26 |
| M27 | 12 18 28 | 6° 9'42 | 7 m) 10 | 19°37 | 2°33 | 5°26 | 28°22 | 11° 7 | 3°58 | 29°43 | 16°28 | 21°16 | 20°26 | 4°26 | 8°20 | M27 |
| T 28 | 12 22 24 | 7° 9'50 | 22°19 | 21°23 | 3°48 | 6° 6 | 28°33 | 11°14 | 3°56 | 29°44 | 16°27 | 21° 8 | 20°23 | 4°33 | 8°23 | T 28 |
| W29 | 12 26 21 | 8° 9'57 | 7 Ω 39 | 23° 7 | 5° 3 | 6°47 | 28°45 | 11°20 | 3°54 | 29°45 | 16°26 | 20°58 | 20°20 | 4°39 | 8°26 | W29 |
| T 30 | 12 30 17 | 9°10'01 | 23° 0 | 24°48 | 6°18 | 7°27 | 28°56 | 11°27 | 3°52 | 29°46 | 16°25 | 20°46 | 20°17 | 4°46 | 8°29 | T 30 |
| F 31 | 12 34 14 | 10 Υ 10'04 | 8 M .10 | 26 Y 25 | 7 Ƴ 33 | 8耳 7 | 29 8 8 | 11834 | 3 m 50 | 29 궁 47 | 16M24 | 20936 | 209514 | 4Υ 53 | 8 8 33 | F 31 |

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| S 1 | 12 38 10 | 11 Y 10'06 | 22 M 57 | 27 Y 59 | 8 Ƴ 48 | 8 Ⅱ 48 | 29820 | 11 8 41 | 3°R48 | 29 궁 48 | 16°R22 | 20°R27 | 20911 | 5 Υ 0 | 8 8 36 | S 1 |
| S 2 | 12 42 7 | 12°10'06 | 7 √ 18 | 29°27 | 10° 3 | 9°28 | 29°32 | 11°47 | 3 Mp 46 | 29°49 | 16 M 21 | 20921 | 20° 7 | 5° 6 | 8°39 | S 2 |
| M 3 | 12 46 4 | 13°10'04 | 21° 8 | 0 8 50 | 11°18 | 10° 9 | 29°44 | 11°54 | 3°44 | 29°50 | 16°20 | 20°17 | 20° 4 | 5°13 | 8°42 | M 3 |
| T 4 | 12 50 0 | 14°10'01 | 4 る 28 | 2° 8 | 12°33 | 10°49 | 29°56 | 12° 1 | 3°42 | 29°51 | 16°18 | 20°16 | 20° 1 | 5°20 | 8°46 | T 4 |
| W 5 | 12 53 57 | 15° 9'56 | 17°22 | 3°20 | 13°48 | 11°29 | 0 Ⅱ 8 | 12° 8 | 3°41 | 29°52 | 16°17 | 20°16 | 19°58 | 5°26 | 8°49 | W 5 |
| T 6 | 12 57 53 | 16° 9'50 | 29°55 | 4°25 | 15° 3 | 12°10 | 0°20 | 12°15 | 3°39 | 29°53 | 16°16 | 20°15 | 19°55 | 5°33 | 8°52 | T 6 |
| F 7 | 13 150 | 17° 9'42 | 12≈11 | 5°22 | 16°18 | 12°50 | 0°32 | 12°22 | 3°37 | 29°54 | 16°14 | 20°14 | 19°51 | 5°40 | 8°56 | F 7 |
| S 8 | 13 5 46 | 18° 9'33 | 24°14 | 6°13 | 17°33 | 13°30 | 0°45 | 12°29 | 3°36 | 29°55 | 16°13 | 20°11 | 19°48 | 5°47 | 8°59 | S 8 |
| S 9 | 13 9 43 | 19° 9'22 | 6) €10 | 6°55 | 18°47 | 14°11 | 0°57 | 12°36 | 3°34 | 29°55 | 16°11 | 20° 4 | 19°45 | 5°53 | 9° 2 | S 9 |
| M10 | 13 13 39 | 20° 9'09 | 18° 2 | 7°30 | 20° 2 | 14°51 | 1°10 | 12°43 | 3°32 | 29°56 | 16°10 | 19°55 | 19°42 | 6° 0 | 9° 6 | M10 |
| T 11 | 13 17 36 | 21° 8'54 | 29°52 | 7°57 | 21°17 | 15°31 | 1°22 | 12°51 | 3°31 | 29°57 | 16° 8 | 19°43 | 19°39 | 6° 7 | 9° 9 | T 11 |
| W12 | 13 21 33 | 22° 8'38 | 11 ° 44 | 8°15 | 22°32 | 16°11 | 1°35 | 12°58 | 3°29 | 29°58 | 16° 7 | 19°29 | 19°36 | 6°13 | 9°13 | W12 |
| T 13 | 13 25 29 | 23° 8'20 | 23°38 | 8°25 | 23°47 | 16°51 | 1°48 | 13° 5 | 3°28 | 29°58 | 16° 5 | 19°14 | 19°32 | 6°20 | 9°16 | T 13 |
| F 14 | 13 29 26 | 24° 7'59 | 5 8 36 | 8°R27 | 25° 1 | 17°32 | 2° 0 | 13°12 | 3°27 | 29°59 | 16° 4 | 18°59 | 19°29 | 6°27 | 9°20 | F 14 |
| S 15 | 13 33 22 | 25° 7'37 | 17°39 | 8°21 | 26°16 | 18°12 | 2°13 | 13°20 | 3°25 | 29°59 | 16° 2 | 18°46 | 19°26 | 6°34 | 9°23 | S 15 |
| S 16 | 13 37 19 | 26° 7'13 | 29°48 | 8° 8 | 27°31 | 18°52 | 2°26 | 13°27 | 3°24 | 29°59 | 16° 1 | 18°36 | 19°23 | 6°40 | 9°27 | S 16 |
| M17 | 13 41 15 | 27° 6'47 | 12 II 5 | 7°47 | 28°46 | 19°32 | 2°39 | 13°34 | 3°23 | 0≈ 0 | 15°59 | 18°29 | 19°20 | 6°47 | 9°30 | M17 |
| T 18 | 13 45 12 | 28° 6'19 | 24°33 | 7°20 | 0 8 0 | 20°12 | 2°52 | 13°41 | 3°21 | 0° 1 | 15°58 | 18°24 | 19°16 | 6°54 | 9°34 | T 18 |
| W19 | 13 49 8 | 29° 5'48 | <i>7</i> 9 514 | 6°46 | 1°15 | 20°52 | 3° 5 | 13°49 | 3°20 | 0° 1 | 15°56 | 18°22 | 19°13 | 7° 0 | 9°37 | W19 |
| T 20 | 13 53 5 | 0 8 5'16 | 20°13 | 6° 8 | 2°30 | 21°32 | 3°18 | 13°56 | 3°19 | 0° 2 | 15°54 | 18°D22 | 19°10 | 7° 7 | 9°41 | T 20 |
| F 21 | 13 57 1 | 1° 4'41 | 3 Ω 32 | 5°25 | 3°44 | 22°12 | 3°32 | 14° 4 | 3°18 | 0° 2 | 15°53 | 18°R22 | 19° 7 | 7°14 | 9°44 | F 21 |
| S 22 | 14 0 58 | 2° 4'04 | 17°14 | 4°39 | 4°59 | 22°52 | 3°45 | 14°11 | 3°17 | 0° 2 | 15°51 | 18°21 | 19° 4 | 7°21 | 9°48 | S 22 |
| S 23 | 14 4 55 | 3° 3'24 | 1 m) 22 | 3°51 | 6°13 | 23°32 | 3°58 | 14°18 | 3°16 | 0° 3 | 15°49 | 18°18 | 19° 1 | 7°27 | 9°51 | S 23 |
| M24 | 14 8 51 | 4° 2'42 | 15°55 | 3° 1 | 7°28 | 24°12 | 4°12 | 14°26 | 3°15 | 0° 3 | 15°48 | 18°13 | 18°57 | 7°34 | 9°55 | M24 |
| T 25 | 14 12 48 | 5° 1'58 | 0 ჲ 48 | 2°11 | 8°43 | 24°52 | 4°25 | 14°33 | 3°14 | 0° 3 | 15°46 | 18° 6 | 18°54 | 7°41 | 9°59 | T 25 |
| W26 | 14 16 44 | 6° 1'12 | 15°56 | 1°21 | 9°57 | 25°32 | 4°38 | 14°41 | 3°14 | 0° 3 | 15°45 | 17°56 | 18°51 | 7°47 | 10° 2 | W26 |
| T 27 | 14 20 41 | 7° 0'24 | 1 M 8 | 0°34 | 11°12 | 26°12 | 4°52 | 14°48 | 3°13 | 0° 4 | 15°43 | 17°46 | 18°48 | 7°54 | 10° 6 | T 27 |
| F 28 | 14 24 37 | 7°59'34 | 16°14 | 29 Y 48 | 12°26 | 26°51 | 5° 5 | 14°56 | 3°12 | 0° 4 | 15°41 | 17°35 | 18°45 | 8° 1 | 10° 9 | F 28 |
| S 29 | 14 28 34 | 8°58'42 | 1 , 7 4 | 29° 6 | 13°40 | 27°31 | 5°19 | 15° 3 | 3°11 | 0° 4 | 15°39 | 17°27 | 18°42 | 8° 8 | 10°13 | S 29 |
| S 30 | 14 32 30 | 9 8 57'48 | 15 × 30 | 28 Y 28 | 14 8 55 | 28耳11 | 5 П 33 | 15 8 11 | 3 Mp 11 | 0≈ 4 | 15 M 38 | 17921 | 18938 | 8 Υ 14 | 10816 | S 30 |

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| Day | Sid.t | 0 | D | ğ | Q. | δ | 4 | ħ |)Å(| ħ | В | ₽. | v | Ç | ę, | Day |
|------|----------|-------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|---------------|----------------|----------------|--------|--------|----------------|-------|------|
| M 1 | 14 36 27 | 10856'53 | 29 × 127 | 27°R54 | 16 8 9 | 28 I I51 | 5 Ⅱ 46 | 15 8 18 | 3°R10 | 0≈ 4 | 15°R36 | 17°R17 | 18935 | 8 Υ 21 | 10820 | M 1 |
| T 2 | 14 40 24 | 11°55'55 | 12 る 55 | 27 Y 24 | 17°24 | 29°31 | 6° 0 | 15°26 | 3 m 10 | 0°R 4 | 15 M 34 | 17°D16 | 18°32 | 8°28 | 10°24 | T 2 |
| W 3 | 14 44 20 | 12°54'56 | 25°56 | 27° 0 | 18°38 | 09510 | 6°14 | 15°33 | 3° 9 | 0° 4 | 15°33 | 179516 | 18°29 | 8°35 | 10°27 | W 3 |
| T 4 | 14 48 17 | 13°53'56 | 8 ≈ 33 | 26°41 | 19°53 | 0°50 | 6°28 | 15°41 | 3° 9 | 0° 4 | 15°31 | 17°R17 | 18°26 | 8°41 | 10°31 | T 4 |
| F 5 | 14 52 13 | 14°52'53 | 20°52 | 26°27 | 21° 7 | 1°30 | 6°41 | 15°48 | 3° 9 | 0° 4 | 15°29 | 17°17 | 18°22 | 8°48 | 10°34 | F 5 |
| S 6 | 14 56 10 | 15°51'49 | 2 ∺ 56 | 26°19 | 22°21 | 2° 9 | 6°55 | 15°56 | 3° 8 | 0° 4 | 15°28 | 17°15 | 18°19 | 8°55 | 10°38 | S 6 |
| S 7 | 15 0 6 | 16°50'44 | 14°51 | 26°D16 | 23°36 | 2°49 | 7° 9 | 16° 3 | 3°8 | 0° 4 | 15°26 | 17°11 | 18°16 | 9° 1 | 10°41 | S 7 |
| M 8 | 15 4 3 | 17°49'36 | 26°42 | 26°18 | 24°50 | 3°28 | 7°23 | 16°11 | 3° 8 | 0° 3 | 15°24 | 17° 5 | 18°13 | 9° 8 | 10°45 | M 8 |
| T 9 | 15 7 59 | 18°48'27 | 8 Ƴ 33 | 26°26 | 26° 4 | 4° 8 | 7°37 | 16°18 | 3° 8 | 0° 3 | 15°23 | 16°56 | 18°10 | 9°15 | 10°48 | T 9 |
| W10 | 15 11 56 | 19°47'16 | 20°26 | 26°38 | 27°18 | 4°48 | 7°51 | 16°26 | 3° 8 | 0° 3 | 15°21 | 16°46 | 18° 7 | 9°22 | 10°52 | W10 |
| T 11 | 15 15 53 | 20°46'03 | 2 8 25 | 26°55 | 28°33 | 5°27 | 8° 5 | 16°33 | 3°D 8 | 0° 3 | 15°19 | 16°35 | 18° 3 | 9°28 | 10°56 | T 11 |
| F 12 | 15 19 49 | 21°44'49 | 14°30 | 27°17 | 29°47 | 6° 7 | 8°19 | 16°41 | 3° 8 | 0° 2 | 15°17 | 16°25 | 18° 0 | 9°35 | 10°59 | F 12 |
| S 13 | 15 23 46 | 22°43'32 | 26°43 | 27°44 | 1 I 1 | 6°46 | 8°33 | 16°48 | 3° 8 | 0° 2 | 15°16 | 16°15 | 17°57 | 9°42 | 11° 3 | S 13 |
| S 14 | 15 27 42 | 23°42'14 | 9耳 5 | 28°15 | 2°15 | 7°26 | 8°47 | 16°56 | 3° 8 | 0° 1 | 15°14 | 16° 8 | 17°54 | 9°48 | 11° 6 | S 14 |
| M15 | 15 31 39 | 24°40'54 | 21°37 | 28°49 | 3°29 | 8° 5 | 9° 1 | 17° 3 | 3° 8 | 0° 1 | 15°12 | 16° 2 | 17°51 | 9°55 | 11°10 | M15 |
| T 16 | 15 35 35 | 25°39'32 | 49519 | 29°28 | 4°44 | 8°44 | 9°16 | 17°11 | 3° 9 | 0° 1 | 15°11 | 16° 0 | 17°48 | 10° 2 | 11°13 | T 16 |
| W17 | 15 39 32 | 26°38'08 | 17°14 | 0811 | 5°58 | 9°24 | 9°30 | 17°18 | 3° 9 | 0° 0 | 15° 9 | 15°D59 | 17°44 | 10° 9 | 11°17 | W17 |
| T 18 | 15 43 28 | 27°36'42 | $0\Omega_{22}$ | 0°57 | 7°12 | 10° 3 | 9°44 | 17°26 | 3° 9 | 29 궁 59 | 15° 7 | 16° 0 | 17°41 | 10°15 | 11°20 | T 18 |
| F 19 | 15 47 25 | 28°35'14 | 13°46 | 1°46 | 8°26 | 10°43 | 9°58 | 17°33 | 3°10 | 29°59 | 15° 6 | 16° 1 | 17°38 | 10°22 | 11°24 | F 19 |
| S 20 | 15 51 22 | 29°33'44 | 27°28 | 2°39 | 9°40 | 11°22 | 10°12 | 17°41 | 3°10 | 29°59 | 15° 4 | 16°R 2 | 17°35 | 10°29 | 11°27 | S 20 |
| S 21 | 15 55 18 | 0 Ⅲ 32'11 | 11 m)28 | 3°35 | 10°54 | 12° 1 | 10°27 | 17°48 | 3°11 | 29°58 | 15° 3 | 16° 1 | 17°32 | 10°36 | 11°30 | S 21 |
| M22 | 15 59 15 | 1°30'37 | 25°46 | 4°34 | 12° 8 | 12°41 | 10°41 | 17°56 | 3°11 | 29°57 | 15° 1 | 15°59 | 17°28 | 10°42 | 11°34 | M22 |
| T 23 | 16 3 11 | 2°29'00 | 10 ≏ 19 | 5°35 | 13°22 | 13°20 | 10°55 | 18° 3 | 3°12 | 29°57 | 14°59 | 15°55 | 17°25 | 10°49 | 11°37 | T 23 |
| W24 | 16 7 8 | 3°27'21 | 25° 4 | 6°40 | 14°36 | 13°59 | 11° 9 | 18°10 | 3°13 | 29°56 | 14°58 | 15°49 | 17°22 | 10°56 | 11°41 | W24 |
| T 25 | 16 11 4 | 4°25'41 | 9 M 53 | 7°47 | 15°50 | 14°38 | 11°24 | 18°18 | 3°13 | 29°55 | 14°56 | 15°43 | 17°19 | 11° 2 | 11°44 | T 25 |
| F 26 | 16 15 1 | 5°23'58 | 24°39 | 8°57 | 17° 4 | 15°17 | 11°38 | 18°25 | 3°14 | 29°55 | 14°55 | 15°37 | 17°16 | 11° 9 | 11°47 | F 26 |
| S 27 | 16 18 57 | 6°22'14 | 9 √ 14 | 10° 9 | 18°18 | 15°57 | 11°52 | 18°32 | 3°15 | 29°54 | 14°53 | 15°32 | 17°13 | 11°16 | 11°51 | S 27 |
| S 28 | 16 22 54 | 7°20'28 | 23°30 | 11°24 | 19°31 | 16°36 | 12° 6 | 18°40 | 3°16 | 29°53 | 14°52 | 15°28 | 17° 9 | 11°23 | 11°54 | S 28 |
| M29 | 16 26 51 | 8°18'41 | 7 云 24 | 12°41 | 20°45 | 17°15 | 12°21 | 18°47 | 3°17 | 29°52 | 14°50 | 15°26 | 17° 6 | 11°29 | 11°57 | M29 |
| T 30 | 16 30 47 | 9°16'52 | 20°52 | 14° 0 | 21°59 | 17°54 | 12°35 | 18°54 | 3°18 | 29°51 | 14°49 | 15°D26 | 17° 3 | 11°36 | 12° 1 | T 30 |
| W31 | 16 34 44 | 10 Ⅱ 15′02 | 3≈56 | 15 8 22 | 23 I I3 | 18933 | 12 Ⅱ 49 | 198 1 | 3 m 19 | 29 궁 50 | 14 M 47 | 15927 | 1795 0 | 11 ° 43 | 128 4 | W31 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)f(| ¥ | В | u | v | Ç | ę, | Day |
|------|----------|--------------------|----------------|--------|-------|---------------|----------------|---------------|---------|----------------|-----------------|--------|-------|----------------|----------------|------|
| T 1 | 16 38 40 | 11 II 13'10 | 16≈38 | 16846 | 24∏27 | 199512 | 13耳 4 | 19 8 8 | 3 Mp 20 | 29°R49 | 14°R46 | 159529 | 16957 | 11 Y 49 | 12 8 7 | T 1 |
| F 2 | 16 42 37 | 12°11'17 | 29° 0 | 18°12 | 25°41 | 19°51 | 13°18 | 19°16 | 3°21 | 29 궁 49 | 14 M .44 | 15°30 | 16°54 | 11°56 | 12°10 | F 2 |
| S 3 | 16 46 33 | 13° 9'23 | 11 米 8 | 19°40 | 26°54 | 20°30 | 13°32 | 19°23 | 3°23 | 29°48 | 14°43 | 15°R31 | 16°50 | 12° 3 | 12°13 | S 3 |
| S 4 | 16 50 30 | 14° 7'27 | 23° 6 | 21°11 | 28° 8 | 21° 9 | 13°46 | 19°30 | 3°24 | 29°47 | 14°41 | 15°31 | 16°47 | 12°10 | 12°17 | S 4 |
| M 5 | 16 54 26 | 15° 5'30 | 4Υ 59 | 22°43 | 29°22 | 21°48 | 14° 1 | 19°37 | 3°25 | 29°46 | 14°40 | 15°29 | 16°44 | 12°16 | 12°20 | M 5 |
| T 6 | 16 58 23 | 16° 3'31 | 16°51 | 24°18 | 0935 | 22°27 | 14°15 | 19°44 | 3°26 | 29°45 | 14°38 | 15°26 | 16°41 | 12°23 | 12°23 | T 6 |
| W 7 | 17 2 20 | 17° 1'32 | 28°47 | 25°55 | 1°49 | 23° 6 | 14°29 | 19°51 | 3°28 | 29°43 | 14°37 | 15°22 | 16°38 | 12°30 | 12°26 | W 7 |
| T 8 | 17 6 16 | 17°59'31 | 10850 | 27°34 | 3° 3 | 23°45 | 14°44 | 19°58 | 3°29 | 29°42 | 14°36 | 15°17 | 16°34 | 12°37 | 12°29 | T 8 |
| F 9 | 17 10 13 | 18°57'29 | 23° 2 | 29°15 | 4°16 | 24°24 | 14°58 | 20° 5 | 3°31 | 29°41 | 14°34 | 15°13 | 16°31 | 12°43 | 12°32 | F 9 |
| S 10 | 17 14 9 | 19°55'25 | 5 Ⅱ 26 | 0Д58 | 5°30 | 25° 3 | 15°12 | 20°12 | 3°32 | 29°40 | 14°33 | 15° 9 | 16°28 | 12°50 | 12°35 | S 10 |
| S 11 | 17 18 6 | 20°53'21 | 18° 3 | 2°43 | 6°44 | 25°42 | 15°26 | 20°19 | 3°34 | 29°39 | 14°32 | 15° 6 | 16°25 | 12°57 | 12°38 | S 11 |
| M12 | 17 22 2 | 21°51'14 | 0953 | 4°30 | 7°57 | 26°20 | 15°41 | 20°25 | 3°36 | 29°38 | 14°30 | 15° 4 | 16°22 | 13° 3 | 12°41 | M12 |
| T 13 | 17 25 59 | 22°49'07 | 13°56 | 6°19 | 9°11 | 26°59 | 15°55 | 20°32 | 3°37 | 29°37 | 14°29 | 15°D 3 | 16°19 | 13°10 | 12°44 | T 13 |
| W14 | 17 29 56 | 23°46'58 | 27°12 | 8°11 | 10°24 | 27°38 | 16° 9 | 20°39 | 3°39 | 29°35 | 14°28 | 15° 4 | 16°15 | 13°17 | 12°47 | W14 |
| T 15 | 17 33 52 | 24°44'47 | 10 Ω 41 | 10° 4 | 11°38 | 28°17 | 16°23 | 20°46 | 3°41 | 29°34 | 14°27 | 15° 5 | 16°12 | 13°24 | 12°50 | T 15 |
| F 16 | 17 37 49 | 25°42'35 | 24°22 | 12° 0 | 12°51 | 28°56 | 16°38 | 20°52 | 3°43 | 29°33 | 14°26 | 15° 6 | 16° 9 | 13°30 | 12°53 | F 16 |
| S 17 | 17 41 45 | 26°40'22 | 8 m)15 | 13°57 | 14° 5 | 29°34 | 16°52 | 20°59 | 3°45 | 29°32 | 14°24 | 15° 7 | 16° 6 | 13°37 | 12°55 | S 17 |
| S 18 | 17 45 42 | 27°38'06 | 22°17 | 15°57 | 15°18 | 0 Ω 13 | 17° 6 | 21° 5 | 3°47 | 29°30 | 14°23 | 15°R 8 | 16° 3 | 13°44 | 12°58 | S 18 |
| M19 | 17 49 38 | 28°35'50 | 6 Ω 29 | 17°58 | 16°32 | 0°52 | 17°20 | 21°12 | 3°49 | 29°29 | 14°22 | 15° 8 | 16° 0 | 13°51 | 13° 1 | M19 |
| T 20 | 17 53 35 | 29°33'31 | 20°48 | 20° 2 | 17°45 | 1°31 | 17°34 | 21°18 | 3°51 | 29°28 | 14°21 | 15° 7 | 15°56 | 13°57 | 13° 4 | T 20 |
| W21 | 17 57 31 | 0931'11 | 5 M .11 | 22° 7 | 18°58 | 2° 9 | 17°48 | 21°25 | 3°53 | 29°26 | 14°20 | 15° 6 | 15°53 | 14° 4 | 13° 6 | W21 |
| T 22 | 18 1 28 | 1°28'50 | 19°33 | 24°13 | 20°12 | 2°48 | 18° 2 | 21°31 | 3°55 | 29°25 | 14°19 | 15° 4 | 15°50 | 14°11 | 13° 9 | T 22 |
| F 23 | 18 5 25 | 2°26'28 | 3 ₹ 51 | 26°22 | 21°25 | 3°27 | 18°17 | 21°38 | 3°57 | 29°24 | 14°18 | 15° 3 | 15°47 | 14°17 | 13°12 | F 23 |
| S 24 | 18 9 21 | 3°24'04 | 18° 0 | 28°31 | 22°38 | 4° 5 | 18°31 | 21°44 | 3°59 | 29°22 | 14°17 | 15° 1 | 15°44 | 14°24 | 13°14 | S 24 |
| S 25 | 18 13 18 | 4°21'39 | 1 る 54 | 09341 | 23°52 | 4°44 | 18°45 | 21°50 | 4° 1 | 29°21 | 14°16 | 15° 0 | 15°40 | 14°31 | 13°17 | S 25 |
| M26 | 18 17 14 | 5°19'14 | 15°32 | 2°53 | 25° 5 | 5°22 | 18°59 | 21°56 | 4° 4 | 29°19 | 14°15 | 15°D 0 | 15°37 | 14°38 | 13°19 | M26 |
| T 27 | 18 21 11 | 6°16'47 | 28°51 | 5° 5 | 26°18 | 6° 1 | 19°12 | 22° 2 | 4° 6 | 29°18 | 14°14 | 15° 0 | 15°34 | 14°44 | 13°22 | T 27 |
| W28 | 18 25 7 | 7°14'19 | 11≈50 | 7°17 | 27°31 | 6°40 | 19°26 | 22° 8 | 4° 8 | 29°16 | 14°14 | 15° 1 | 15°31 | 14°51 | 13°24 | W28 |
| T 29 | 18 29 4 | 8°11'50 | 24°30 | 9°29 | 28°45 | 7°18 | 19°40 | 22°14 | 4°11 | 29°15 | 14°13 | 15° 2 | 15°28 | 14°58 | 13°26 | T 29 |
| F 30 | 18 33 0 | 99 9'21 | 6) €54 | 119542 | 29958 | 7Ω 57 | 19 Ⅱ 54 | 22820 | 4 Mp 13 | 29 ට 13 | 14ML12 | 1599 2 | 15925 | 15 ℃ 4 | 13 8 29 | F 30 |

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|-------------|----------------------|----------------------|------------------------|------------------------|-----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|
| S 1 | 18 36 57 | 109 6'51 | 19 ∺ 3 | 13953 | 1 N 11 | 8 Ω 35 | 20 I I 8 | 22826 | 4 Mp 16 | 29°R12 | 14°R11 | 1599 3 | 15921 | 15 Y 11 | 13 8 31 | S 1 |
| S 2 | 18 40 54 | 11° 4'20 | 1 ° 3 | 16° 4 | 2°24 | 9°14 | 20°22 | 22°32 | 4°18 | 29 궁 10 | 14 M .10 | 15° 3 | 15°18 | 15°18 | 13°33 | S 2 |
| M 3 | 18 44 50 | 12° 1'49 | 12°58 | 18°14 | 3°37 | 9°52 | 20°36 | 22°38 | 4°21 | 29° 9 | 14°10 | 15°R 3 | 15°15 | 15°25 | 13°35 | M 3 |
| T 4 | 18 48 47 | 12°59'17 | 24°51 | 20°23 | 4°50 | 10°31 | 20°49 | 22°44 | 4°23 | 29° 7 29° 6 | 14° 9 | 15° 3 | 15°12 | 15°31 | 13°38 | T 4 |
| W 5 T 6 | 18 52 43 18 56 40 | 13°56'44 14°54'11 | 6 8 49 18°54 | 22°30 24°36 | 6° 3 7°16 | 11° 9 11°47 | 21° 3 21°17 | 22°49 22°55 | 4°26 4°29 | 29° 6 29° 4 | 14° 8 14° 8 | 15° 3 15°D 3 | 15° 9 15° 6 | 15°38 15°45 | 13°40 13°42 | W 5 T 6 |
| F 7 | 19 0 36 | 15°51'38 | 1 I 11 | 26°40 | 8°29 | 12°26 | 21°30 | 23° 1 | 4°31 | 29° 3 | 14° 7 | 15° 3 | 15° 2 | 15°52 | 13°44 | F 7 |
| S 8 | 19 4 33 | 16°49'04 | 13°43 | 28°42 | 9°42 | 13° 4 | 21°44 | 23° 6 | 4°34 | 29° 1 | 14° 7 | 15° 3 | 14°59 | 15°58 | 13°46 | S 8 |
| S 9 | 19 8 29 | 17°46'29 | 26°32 | 0 Ω 42 | 10°55 | 13°43 | 21°57 | 23°11 | 4°37 | 29° 0 | 14° 6 | 15° 3 | 14°56 | 16° 5 | 13°48 | S 9 |
| M10 | 19 12 26 | 18°43'54 | 9939 | 2°40 | 12° 8 | 14°21 | 22°11 | 23°17 | 4°40 | 28°58 | 14° 6 | 15°R 4 | 14°53 | 16°12 | 13°50 | M10 |
| T 11 | 19 16 23 | 19°41'18 | 23° 3 | 4°35 | 13°21 | 14°59 | 22°24 | 23°22 | 4°43 | 28°56 | 14° 5 | 15° 4 | 14°50 | 16°18 | 13°52 | T 11 |
| W12 T 13 | 19 20 19 19 24 16 | 20°38'42 21°36'05 | 6 Ω 45 20°40 | 6°29 8°20 | 14°34 15°47 | 15°38 16°16 | 22°38 22°51 | 23°27 23°32 | 4°46 4°48 | 28°55 28°53 | 14° 5 14° 4 | 15° 3 15° 3 | 14°46 14°43 | 16°25 16°32 | 13°54 13°55 | W12 T 13 |
| F 14 | 19 24 16 | 21 36 03 22°33'28 | 4 Mp 47 | 10° 9 | 13 47 17° 0 | 16°55 | 22° 31 | 23°37 | 4°51 | 28°52 | 14° 4 | 15° 2 | 14°40 | 16°32 | 13°57 | F 14 |
| S 15 | 19 32 9 | 23°30'49 | 19° 0 | 11°56 | 18°12 | 17°33 | 23°18 | 23°42 | 4°54 | 28°50 | 14° 4 | 15° 1 | 14°37 | 16°45 | 13°59 | S 15 |
| S 16 | 19 36 5 | 24°28'10 | 3 ≙ 17 | 13°40 | 19°25 | 18°11 | 23°31 | 23°47 | 4°57 | 28°48 | 14° 3 | 15° 0 | 14°34 | 16°52 | 14° 0 | S 16 |
| M17 | 19 40 2 | 25°25'30 | 17°34 | 15°22 | 20°38 | 18°50 | 23°44 | 23°52 | 5° 0 | 28°47 | 14° 3 | 15° 0 | 14°31 | 16°59 | 14° 2 | M17 |
| T 18 | 19 43 58 | 26°22'49 | 1 M .48 | 17° 2 | 21°51 | 19°28 | 23°57 | 23°57 | 5° 3 | 28°45 | 14° 3 | 15°D 0 | 14°27 | 17° 6 | 14° 4 | T 18 |
| W19 T 20 | 19 47 55 19 51 52 | 27°20'08 28°17'26 | 15°57 29°58 | 18°39 20°14 | 23° 3 24°16 | 20° 6 20°44 | 24°10 24°23 | 24° 2 24° 6 | 5° 7 5°10 | 28°44 28°42 | 14° 3 14° 3 | 15° 0 15° 1 | 14°24 14°21 | 17°12 17°19 | 14° 5 14° 7 | W19 T 20 |
| F 21 | 19 51 32 | 28 17 20 29°14'44 | 13 × 749 | 20 14 21°47 | 24 16 25°29 | 20°44 21°23 | 24°25 24°36 | 24°11 | 5°13 | 28°40 | 14° 3 | 15° 2 | 14 21 14°18 | 17 19 17°26 | 14 / 14° 8 | F 21 |
| S 22 | 19 59 45 | $0\Omega12'01$ | 27°30 | 23°17 | 26°41 | 22° 1 | 24°49 | 24°15 | 5°16 | 28°39 | 14° 2 | 15° 3 | 14°15 | 17°32 | 14° 9 | S 22 |
| S 23 | 20 3 41 | 1° 9'17 | 10 ට 59 | 24°45 | 27°54 | 22°39 | 25° 2 | 24°20 | 5°19 | 28°37 | 14° 2 | 15°R 4 | 14°12 | 17°39 | 14°11 | S 23 |
| M24 | 20 7 38 | 2° 6'34 | 24°14 | 26°11 | 29° 6 | 23°17 | 25°14 | 24°24 | 5°22 | 28°35 | 14°D 2 | 15° 3 | 14° 8 | 17°46 | 14°12 | M24 |
| T 25 | 20 11 34 | 3° 3'49 | 7 ≈ 15 | 27°34 | 0 m 19 | 23°56 | 25°27 | 24°28 | 5°26 | 28°34 | 14° 2 | 15° 2 | 14° 5 | 17°53 | 14°13 | T 25 |
| W26 T 27 | 20 15 31 20 19 28 | 4° 1'05 4°58'21 | 20° 2 2) 34 | 28°54 0 m 12 | 1°31 2°44 | 24°34 25°12 | 25°40 25°52 | 24°33 24°37 | 5°29 5°32 | 28°32 28°31 | 14° 2 14° 2 | 15° 0 14°58 | 14° 2 13°59 | 17°59 18° 6 | 14°14 14°16 | W26 T 27 |
| F 28 | 20 19 28 20 23 24 | 5°55'37 | 14°53 | 1°28 | 3°56 | 25°50 | 25° 52 | 24°37 24°41 | 5°36 | 28°29 | 14° 2 | 14 38 14°55 | 13°56 | 18°13 | 14 16 14°17 | F 28 |
| S 29 | 20 27 21 | 6°52'52 | 27° 1 | 2°40 | 5° 8 | 26°28 | 26°17 | 24°45 | 5°39 | 28°27 | 14° 3 | 14°51 | 13°52 | 18°19 | 14°18 | S 29 |
| S 30 | 20 31 17 | 7°50'08 | 9 Υ 0 | 3°50 | 6°21 | 27° 7 | 26°30 | 24°48 | 5°42 | 2 <u>8</u> °26 | 14° 3 | 14°48 | 13°49 | 18°26 | 14°19 | S 30 |
| M31 | 20 35 14 | 8 Ω 47'24 | 20 Υ 55 | 4 Mp 58 | 7 m) 33 | 27 Ω 45 | 26∏42 | 24852 | 5 M)46 | 28 궁 24 | 14 M 3 | 149546 | 139546 | 18 Y 33 | 14820 | M31 |

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| Day | Sid.t | 0 | D | ğ | Ŷ | ď | 4 | ħ |)f(| ¥ | В | U | v | Ç | Ŷ, | Day |
| T 1 | 20 39 10 | 9 Ω 44'41 | 2 8 48 | 6Mp 2 | 8 m 45 | 28 Ω 23 | 26耳54 | 24 8 56 | 5 m 49 | 28°R23 | 14M 3 | 14°R45 | 139543 | 18 Y 40 | 14820 | T 1 |
| W 2 | 20 43 7 | 10°41'57 | 14°44 | 7° 4 | 9°57 | 29° 1 | 27° 6 | 24°59 | 5°53 | 28 중 21 | 14° 4 | 14°D45 | 13°40 | 18°46 | 14°21 | W 2 |
| | 20 47 3 | 11°39'14 | 26°49 | 8° 2 | 11°10 | 29°39 | 27°18 | 25° 3 | 5°56 | 28°19 | 14° 4 | 149546 | 13°37 | 18°53 | 14°22 | T 3 |
| | 20 51 0 | 12°36'32 | 9 I 7 | 8°58 | 12°22 | 0 m y 17 | 27°30 | 25° 6 | 5°59 | 28°18 | 14° 4 | 14°47 | 13°33 | 19° 0 | 14°23 | F 4 |
| S 5 | 20 54 57 | 13°33'50 | 21°41 | 9°50 | 13°34 | 0°55 | 27°42 | 25° 9 | 6° 3 | 28°16 | 14° 5 | 14°49 | 13°30 | 19° 7 | 14°23 | S 5 |
| | 20 58 53 | 14°31'08 | 4936 | 10°39 | 14°46 | 1°34 | 27°54 | 25°13 | 6° 6 | 28°15 | 14° 5 | 14°50 | 13°27 | 19°13 | 14°24 | S 6 |
| | 21 2 50 | 15°28'27 | 17°54 | 11°24 | 15°58 | 2°12 | 28° 6 | 25°16 | 6°10 | 28°13 | 14° 5 | 14°R50 | 13°24 | 19°20 | 14°25 | M 7 |
| - | 21 6 46 | 16°25'46 | 1 N 35 | 12° 6 | 17°10 | 2°50 | 28°17 | 25°19 | 6°13 | 28°12 | 14° 6 | 14°49 | 13°21 | 19°27 | 14°25 | T 8 |
| | 21 10 43 | 17°23'05 | 15°39 | 12°44 | 18°22 | 3°28 | 28°29 | 25°22 | 6°17 | 28°10 | 14° 6 | 14°47 | 13°18 | 19°33 | 14°26 | W 9 |
| | 21 14 39 | 18°20'25 | 0 Mg 0 | 13°18 | 19°34 | 4° 6 | 28°40 | 25°25 | 6°21 | 28° 9 | 14° 7 | 14°43 | 13°14 | 19°40 | 14°26 | T 10 |
| | 21 18 36 | 19°17'45 | 14°34 | 13°48 | 20°46 | 4°44 | 28°52 | 25°27 | 6°24 | 28° 7 | 14° 8 | 14°38 | 13°11 | 19°47 | 14°26 | F 11 |
| S 12 | 21 22 32 | 20°15'05 | 29°14 | 14°13 | 21°57 | 5°22 | 29° 3 | 25°30 | 6°28 | 28° 6 | 14° 8 | 14°33 | 13° 8 | 19°54 | 14°27 | S 12 |
| | 21 26 29 | 21°12'25 | 13 ≏ 53 | 14°35 | 23° 9 | 6° 0 | 29°14 | 25°33 | 6°31 | 28° 4 | 14° 9 | 14°28 | 13° 5 | 20° 0 | 14°27 | S 13 |
| | 21 30 26 | 22° 9'45 | 28°25 | 14°51 | 24°21 | 6°39 | 29°26 | 25°35 | 6°35 | 28° 3 | 14°10 | 14°25 | 13° 2 | 20° 7 | 14°27 | M14 |
| - | 21 34 22 | 23° 7'06 | 12 M .45 | 15° 3 | 25°33 | 7°17 | 29°37 | 25°37 | 6°39 | 28° 1 | 14°10 | 14°23 | 12°58 | 20°14 | 14°27 | T 15 |
| | 21 38 19 | 24° 4'26 | 26°50 | 15°11 | 26°44 | 7°55 | 29°48 | 25°40 | 6°42 | 28° 0 | 14°11 | 14°D22 | 12°55 | 20°20 | 14°27 | W16 |
| | 21 42 15 | 25° 1'47 | 10 ∡ 39 | 15°R13 | 27°56 | 8°33 | 29°58 | 25°42 | 6°46 | 27°59 | 14°12 | 14°23 | 12°52 | 20°27 | 14°R27 | T 17 |
| - | 21 46 12 | 25°59'09 | 24°13 | 15°10 | 29° 7 | 9°11 | 099 9 | 25°44 | 6°50 | 27°57 | 14°13 | 14°25 | 12°49 | 20°34 | 14°27 | F 18 |
| S 19 | 21 50 8 | 26°56'30 | 7 る 32 | 15° 3 | 0 ≏ 19 | 9°49 | 0°20 | 25°46 | 6°53 | 27°56 | 14°13 | 14°26 | 12°46 | 20°41 | 14°27 | S 19 |
| | 21 54 5 | 27°53'52 | 20°37 | 14°50 | 1°30 | 10°27 | 0°30 | 25°48 | 6°57 | 27°54 | 14°14 | 14°R26 | 12°43 | 20°47 | 14°27 | S 20 |
| | 21 58 1 | 28°51'14 | 3≈31 | 14°32 | 2°42 | 11° 5 | 0°41 | 25°50 | 7° 1 | 27°53 | 14°15 | 14°24 | 12°39 | 20°54 | 14°27 | M21 |
| | 22 1 58 | 29°48'37 | 16°12 | 14°10 | 3°53 | 11°43 | 0°51 | 25°51 | 7° 4 | 27°52 | 14°16 | 14°20 | 12°36 | 21° 1 | 14°27 | T 22 |
| | 22 5 55 | 0 Mp 46'01 | 28°43 | 13°43 | 5° 4 | 12°21 | 1° 2 | 25°53 | 7° 8 | 27°50 | 14°17 | 14°14 | 12°33 | 21° 8 | 14°26 | W23 |
| | 22 9 51 | 1°43'25 | 11) 3 | 13°11 | 6°16 | 12°59 | 1°12 | 25°54 | 7°12 | 27°49 | 14°18 | 14° 7 | 12°30 | 21°14 | 14°26 | T 24 |
| - | 22 13 48 | 2°40'50 | 23°14 | 12°35 | 7°27 | 13°37 | 1°22 | 25°56 | 7°15 | 27°48 | 14°19 | 13°58 | 12°27 | 21°21 | 14°26 | F 25 |
| S 26 | 22 17 44 | 3°38'15 | 5 ℃ 17 | 11°56 | 8°38 | 14°15 | 1°32 | 25°57 | 7°19 | 27°47 | 14°20 | 13°49 | 12°23 | 21°28 | 14°25 | S 26 |
| | 22 21 41 | 4°35'42 | 17°14 | 11°14 | 9°49 | 14°53 | 1°41 | 25°58 | 7°23 | 27°45 | 14°21 | 13°40 | 12°20 | 21°34 | 14°25 | S 27 |
| | 22 25 37 | 5°33'10 | 29° 6 | 10°29 | 11° 0 | 15°32 | 1°51 | 25°59 | 7°26 | 27°44 | 14°23 | 13°33 | 12°17 | 21°41 | 14°24 | M28 |
| - | 22 29 34 | 6°30'39 | 10858 | 9°43 | 12°11 | 16°10 | 2° 1 | 26° 0 | 7°30 | 27°43 | 14°24 | 13°28 | 12°14 | 21°48 | 14°24 | T 29 |
| | 22 33 30 | 7°28'08 | 22°53 | 8°56 | 13°22 | 16°48 | 2°10 | 26° 1 | 7°34 | 27°42 | 14°25 | 13°25 | 12°11 | 21°55 | 14°23 | W30 |
| T 31 | 22 37 27 | 8 Mg 25'40 | 4 I I55 | 8 m , 9 | 14 ≏ 33 | 17 m 26 | 29520 | 268 2 | 7 m 38 | 27 궁 41 | 14M26 | 13°D23 | 1295 8 | 22 ° 1 | 14822 | T 31 |

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| F 1 | 22 41 23 | 9 m 23'12 | 17 I I10 | 7°R23 | 15 ≏ 44 | 18 M) 4 | 29 | 26 8 3 | 7 m /41 | 27°R40 | 14 M 27 | 139523 | 1295 4 | 22 Y 8 | 14°R21 | F 1 |
| S 2 | 22 45 20 | 10°20'46 | 29°42 | 6 m 38 | 16°54 | 18°42 | 2°38 | 26° 3 | 7°45 | 27 る 39 | 14°29 | 13°24 | 12° 1 | 22°15 | 14 8 21 | S 2 |
| S 3 | 22 49 17 | 11°18'20 | 12937 | 5°57 | 18° 5 | 19°20 | 2°47 | 26° 4 | 7°49 | 27°37 | 14°30 | 13°R25 | 11°58 | 22°21 | 14°20 | S 3 |
| M 4 | 22 53 13 | 12°15'57 | 25°57 | 5°19 | 19°16 | 19°58 | 2°56 | 26° 4 | 7°52 | 27°36 | 14°31 | 13°24 | 11°55 | 22°28 | 14°19 | M 4 |
| T 5 | 22 57 10 | 13°13'34 | 9 Ω 45 | 4°45 | 20°26 | 20°36 | 3° 5 | 26° 4 | 7°56 | 27°35 | 14°33 | 13°21 | 11°52 | 22°35 | 14°18 | T 5 |
| W 6 T 7 | 23 1 6 23 5 3 | 14°11'13 15° 8'52 | 24° 0 | 4°16 3°53 | 21°37 22°47 | 21°14 21°52 | 3°13 3°22 | 26° 4 26°R 4 | 8° 0 8° 4 | 27°34 27°33 | 14°34 14°35 | 13°16 13° 9 | 11°49 11°45 | 22°42 22°48 | 14°17 14°16 | W 6 T 7 |
| F 8 | 23 8 59 | 15 632 16° 6'33 | 8 Mp 39 23°35 | 3°36 | 23°58 | 21°32 22°30 | 3°30 | 26° 4 | 8° 7 | 27°32 | 14 33 14°37 | 13° 9 | 11°43 | 22°55 | 14 16 14°15 | F 8 |
| S 9 | 23 12 56 | 10 033 17° 4'15 | 8 <u>0</u> 39 | 3°25 | 25° 8 | 23° 8 | 3°38 | 26° 4 | 8°11 | 27°32 | 14°38 | 12°51 | 11°39 | 23° 2 | 14°14 | S 9 |
| S 10 | 23 16 52 | 18° 1'58 | 23°41 | 3°D22 | 26°18 | 23°47 | 3°46 | 26° 4 | 8°15 | 27°31 | 14°40 | 12°42 | 11°36 | 23° 8 | 14°12 | S 10 |
| M11 | 23 10 32 | 18°59'43 | 8M32 | 3°26 | 20°18 | 24°25 | 3°54 | 26° 4 | 8°18 | 27°30 | 14°41 | 12°35 | 11°33 | 23°15 | 14°11 | M11 |
| T 12 | 23 24 46 | 19°57'28 | 23° 5 | 3°38 | 28°39 | 25° 3 | 4° 2 | 26° 3 | 8°22 | 27°29 | 14°43 | 12°30 | 11°29 | 23°22 | 14°10 | T 12 |
| W13 | 23 28 42 | 20°55'14 | 7 √ 17 | 3°57 | 29°49 | 25°41 | 4°10 | 26° 2 | 8°26 | 27°28 | 14°45 | 12°27 | 11°26 | 23°29 | 14° 9 | W13 |
| T 14 | 23 32 39 | 21°53'01 | 21° 5 | 4°23 | 0 M 59 | 26°19 | 4°17 | 26° 2 | 8°29 | 27°27 | 14°46 | 12°D26 | 11°23 | 23°35 | 14° 7 | T 14 |
| F 15 | 23 36 35 | 22°50'49 | 4 る 32 | 4°58 | 2° 9 | 26°57 | 4°25 | 26° 1 | 8°33 | 27°27 | 14°48 | 12°27 | 11°20 | 23°42 | 14° 6 | F 15 |
| S 16 | 23 40 32 | 23°48'39 | 17°39 | 5°39 | 3°18 | 27°35 | 4°32 | 26° 0 | 8°36 | 27°26 | 14°50 | 12°R27 | 11°17 | 23°49 | 14° 4 | S 16 |
| S 17 | 23 44 28 | 24°46'29 | 0≈29 | 6°29 | 4°28 | 28°13 | 4°39 | 25°59 | 8°40 | 27°25 | 14°51 | 12°25 | 11°14 | 23°56 | 14° 3 | S 17 |
| M18 | 23 48 25 | 25°44'20 | 13° 6 | 7°25 | 5°38 | 28°51 | 4°46 | 25°58 | 8°44 | 27°25 | 14°53 | 12°22 | 11°10 | 24° 2 | 14° 1 | M18 |
| T 19 | 23 52 21 | 26°42'13 | 25°31 | 8°28 | 6°47 | 29°29 | 4°53 | 25°57 | 8°47 | 27°24 | 14°55 | 12°16 | 11° 7 | 24° 9 | 14° 0 | T 19 |
| W20 | 23 56 18 | 27°40'07 | 7) €48 | 9°37 | 7°57 | 0₽8 | 4°59 | 25°56 | 8°51 | 27°23 | 14°56 | 12° 6 | 11° 4 | 24°16 | 13°58 | W20 |
| T 21 | 0 0 15 | 28°38'02 29°35'58 | 19°56 1 Ƴ 59 | 10°53 12°15 | 9° 6 10°16 | 0°46 | 5° 6 5°12 | 25°54 25°53 | 8°54 | 27°23 | 14°58 15° 0 | 11°55 11°42 | 11° 1 10°58 | 24°22 | 13°56 | T 21 F 22 |
| F 22 S 23 | 0 411 0 8 8 | 29°33'56 | 13°56 | 12°13 | 10°16 11°25 | 1°24 2° 2 | 5°12 | 25°53 25°51 | 8°58 9° 1 | 27°22 27°22 | 15° 0 | 11°42 | 10°58 10°55 | 24°29 24°36 | 13°54 13°53 | S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 | 0 12 4 | 1°31'56 | 25°49 | 15°13 | 12°34 | 2°40 | 5°24 | 25°49 | 9° 5 | 27°21 | 15° 4 | 11°15 | 10°51 | 24°43 | 13°51 | S 24 |
| M25 T 26 | 0 16 1 0 19 57 | 2°29'57 3°28'00 | 7 8 41 19°32 | 16°49 18°29 | 13°43 14°52 | 3°18 3°56 | 5°30 5°36 | 25°48 25°46 | 9° 8 9°12 | 27°21 27°20 | 15° 6 15° 8 | 11° 4 10°55 | 10°48 10°45 | 24°49 24°56 | 13°49 13°47 | M25 T 26 |
| W27 | 0 19 57 | 4°26'05 | 19°32 1 Ⅲ 26 | 20°12 | 14°52 16° 1 | 4°35 | 5°41 | 25°44 | 9°12 | 27°20 | 15° 8 | 10°55 10°48 | 10°43 | 24°36 25° 3 | 13°47 13°45 | W27 |
| T 28 | 0 23 34 | 5°24'11 | 13°28 | 20°12 21°58 | 17°10 | 5°13 | 5°46 | 25°42 | 9°19 | 27°19 | 15°11 | 10°45 | 10°42 | 25° 9 | 13°43 | T 28 |
| F 29 | 0 27 30 | 6°22'20 | 25°40 | 23°47 | 18°18 | 5°51 | 5°52 | 25°39 | 9°22 | 27°19 | 15°13 | 10°43 | 10°35 | 25°16 | 13°41 | F 29 |
| S 30 | 0 35 43 | 7 º 20'30 | 89 9 | 25 m/37 | 19 M 27 | 6 ₽ 29 | 5 9 57 | 25 8 37 | 9 m/26 | 27 3 19 | 15 M .15 | 109643 | 10932 | 25 Y 23 | 13839 | S 30 |

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| S 1 | 0 39 40 | 8 ≏ 18'43 | 20959 | 27 m 29 | 20 M 35 | 7요 7 | 6 9 1 | 25°R35 | 9 m 29 | 27°R19 | 15 M .17 | 10°R43 | 109529 | 25 Y 30 | 13°R37 | S 1 |
| M 2 | 0 43 37 | 9°16'57 | 4 Ω 14 | 29°22 | 21°44 | 7°46 | 6° 6 | 25 8 32 | 9°32 | 27 る 18 | 15°19 | 109542 | 10°26 | 25°36 | 13 8 35 | M 2 |
| T 3 | 0 47 33 | 10°15'13 | 17°59 | 1 ≏ 16 | 22°52 | 8°24 | 6°11 | 25°30 | 9°36 | 27°18 | 15°21 | 10°38 | 10°23 | 25°43 | 13°33 | T 3 |
| W 4 | 0 51 30 | 11°13'31 | 2 m 13 | 3°10 | 24° 0 | 9° 2 | 6°15 | 25°27 | 9°39 | 27°18 | 15°23 | 10°33 | 10°20 | 25°50 | 13°30 | W 4 |
| T 5 | 0 55 26 | 12°11'51 | 16°55 | 5° 5 | 25° 8 | 9°40 | 6°19 | 25°24 | 9°42 | 27°18 | 15°26 | 10°24 | 10°16 | 25°56 | 13°28 | T 5 |
| F 6 | 0 59 23 | 13°10'13 | 1 ≏ 59 | 6°59 | 26°16 | 10°19 | 6°23 | 25°22 | 9°46 | 27°18 | 15°28 | 10°14 | 10°13 | 26° 3 | 13°26 | F 6 |
| S 7 | 1 3 19 | 14° 8'37 | 17°15 | 8°54 | 27°24 | 10°57 | 6°27 | 25°19 | 9°49 | 27°18 | 15°30 | 10° 3 | 10°10 | 26°10 | 13°24 | S 7 |
| S 8 | 1 7 16 | 15° 7'02 | 2 M 33 | 10°47 | 28°32 | 11°35 | 6°30 | 25°16 | 9°52 | 27°17 | 15°32 | 9°52 | 10° 7 | 26°17 | 13°21 | S 8 |
| M 9 | 1 11 12 | 16° 5'29 | 17°41 | 12°41 | 29°40 | 12°13 | 6°34 | 25°13 | 9°55 | 27°D17 | 15°34 | 9°43 | 10° 4 | 26°23 | 13°19 | M 9 |
| T 10 | 1 15 9 | 17° 3'58 | 2 ₹ 29 | 14°33 | 0 ,₹ 47 | 12°52 | 6°37 | 25°10 | 9°58 | 27°17 | 15°36 | 9°37 | 10° 0 | 26°30 | 13°17 | T 10 |
| W11 | 1 19 6 | 18° 2'28 | 16°53 | 16°25 | 1°54 | 13°30 | 6°40 | 25° 6 | 10° 1 | 27°18 | 15°38 | 9°33 | 9°57 | 26°37 | 13°14 | W11 |
| T 12 | 1 23 2 | 19° 1'00 | 0 궁 49 | 18°17 | 3° 2 | 14° 8 | 6°43 | 25° 3 | 10° 5 | 27°18 | 15°41 | 9°32 | 9°54 | 26°43 | 13°12 | T 12 |
| F 13 | 1 26 59 | 19°59'33 | 14°19 | 20° 7 | 4° 9 | 14°47 | 6°45 | 25° 0 | 10° 8 | 27°18 | 15°43 | 9°32 | 9°51 | 26°50 | 13° 9 | F 13 |
| S 14 | 1 30 55 | 20°58'08 | 27°24 | 21°56 | 5°16 | 15°25 | 6°48 | 24°56 | 10°11 | 27°18 | 15°45 | 9°32 | 9°48 | 26°57 | 13° 7 | S 14 |
| S 15 | 1 34 52 | 21°56'45 | 10≈ 9 | 23°44 | 6°23 | 16° 3 | 6°50 | 24°53 | 10°14 | 27°18 | 15°47 | 9°30 | 9°45 | 27° 4 | 13° 4 | S 15 |
| M16 | 1 38 48 | 22°55'23 | 22°37 | 25°32 | 7°29 | 16°42 | 6°52 | 24°49 | 10°17 | 27°18 | 15°49 | 9°27 | 9°41 | 27°10 | 13° 2 | M16 |
| T 17 | 1 42 45 | 23°54'02 | 4) (53 | 27°18 | 8°36 | 17°20 | 6°54 | 24°45 | 10°20 | 27°19 | 15°52 | 9°21 | 9°38 | 27°17 | 12°59 | T 17 |
| W18 | 1 46 41 | 24°52'44 | 16°59 | 29° 4 | 9°42 | 17°58 | 6°55 | 24°42 | 10°22 | 27°19 | 15°54 | 9°12 | 9°35 | 27°24 | 12°57 | W18 |
| T 19 | 1 50 38 | 25°51'27 | 28°59 | 0 M .49 | 10°48 | 18°37 | 6°57 | 24°38 | 10°25 | 27°19 | 15°56 | 9° 1 | 9°32 | 27°30 | 12°54 | T 19 |
| F 20 | 1 54 35 | 26°50'11 | 10 Y 55 | 2°32 | 11°54 | 19°15 | 6°58 | 24°34 | 10°28 | 27°19 | 15°59 | 8°48 | 9°29 | 27°37 | 12°51 | F 20 |
| S 21 | 1 58 31 | 27°48'58 | 22°48 | 4°15 | 13° 0 | 19°54 | 6°59 | 24°30 | 10°31 | 27°20 | 16° 1 | 8°35 | 9°26 | 27°44 | 12°49 | S 21 |
| S 22 | 2 2 28 | 28°47'46 | 4841 | 5°57 | 14° 6 | 20°32 | 7° 0 | 24°26 | 10°34 | 27°20 | 16° 3 | 8°22 | 9°22 | 27°51 | 12°46 | S 22 |
| M23 | 2 6 24 | 29°46'37 | 16°33 | 7°38 | 15°12 | 21°11 | 7° 1 | 24°22 | 10°37 | 27°21 | 16° 5 | 8°11 | 9°19 | 27°57 | 12°43 | M23 |
| T 24 | 2 10 21 | 0 M 45'29 | 28°27 | 9°18 | 16°17 | 21°49 | 7° 1 | 24°18 | 10°39 | 27°21 | 16° 8 | 8° 2 | 9°16 | 28° 4 | 12°41 | T 24 |
| W25 | 2 14 17 | 1°44'24 | 10 Ⅱ 26 | 10°57 | 17°22 | 22°27 | 7° 1 | 24°14 | 10°42 | 27°22 | 16°10 | 7°56 | 9°13 | 28°11 | 12°38 | W25 |
| T 26 | 2 18 14 | 2°43'20 | 22°31 | 12°35 | 18°27 | 23° 6 | 7°R 1 | 24°10 | 10°45 | 27°22 | 16°12 | 7°52 | 9°10 | 28°17 | 12°35 | T 26 |
| F 27 | 2 22 10 | 3°42'19 | 49546 | 14°12 | 19°32 | 23°44 | 7° 1 | 24° 5 | 10°47 | 27°23 | 16°15 | 7°D51 | 9° 6 | 28°24 | 12°33 | F 27 |
| S 28 | 2 26 7 | 4°41'20 | 17°15 | 15°49 | 20°36 | 24°23 | 7° 1 | 24° 1 | 10°50 | 27°23 | 16°17 | 7°51 | 9° 3 | 28°31 | 12°30 | S 28 |
| S 29 | 2 30 4 | 5°40'24 | 0 Ω 3 | 17°25 | 21°41 | 25° 1 | 7° 0 | 23°57 | 10°52 | 27°24 | 16°20 | 7°R52 | 9° 0 | 28°38 | 12°27 | S 29 |
| M30 | 2 34 0 | 6°39'29 | 13°13 | 19° 0 | 22°45 | 25°40 | 7° 0 | 23°52 | 10°55 | 27°25 | 16°22 | 7°52 | 8°57 | 28°44 | 12°24 | M30 |
| T 31 | 2 37 57 | 7 111 38'37 | 26 Ω 49 | 20 m 34 | 23 ~ 49 | 26 ₽ 19 | 6959 | 23 8 48 | 10 m 57 | 27 궁 25 | 16M24 | 7950 | 8954 | 28 Y 51 | 12822 | T 31 |

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| W 1 | 2 41 53 | 8MJ37'47 | 10 m 53 | 22 M 8 | 24 × 752 | 26 ≙ 57 | 6°R58 | 23°R43 | 10 m 59 | 27る26 | 16 M 27 | 7°R47 | 8951 | 28 Y 58 | 12°R19 | W 1 |
| T 2 | 2 45 50 | 9°36'59 | 25°25 | 23°40 | 25°56 | 27°36 | 6956 | 23839 | 11° 2 | 27°27 | 16°29 | 79540 | 8°47 | 29° 4 | 12816 | T 2 |
| F 3 | 2 49 46 | 10°36'13 | 10 ≏ 20 | 25°12 | 26°59 | 28°14 | 6°55 | 23°34 | 11° 4 | 27°28 | 16°31 | 7°33 | 8°44 | 29°11 | 12°13 | F 3 |
| S 4 | 2 53 43 | 11°35'30 | 25°31 | 26°44 | 28° 2 | 28°53 | 6°53 | 23°30 | 11° 6 | 27°29 | 16°34 | 7°24 | 8°41 | 29°18 | 12°11 | S 4 |
| S 5 | 2 57 39 | 12°34'48 | 10 M .48 | 28°14 | 29° 4 | 29°32 | 6°51 | 23°25 | 11° 9 | 27°29 | 16°36 | 7°16 | 8°38 | 29°25 | 12° 8 | S 5 |
| M 6 | 3 1 36 | 13°34'09 | 26° 0 | 29°44 | 0중 7 | 0 M .10 | 6°49 | 23°20 | 11°11 | 27°30 | 16°39 | 7° 9 | 8°35 | 29°31 | 12° 5 | M 6 |
| T 7 | 3 5 32 | 14°33'32 | 10 ∡ 757 | 1 才 13 | 1° 9 | 0°49 | 6°46 | 23°16 | 11°13 | 27°31 | 16°41 | 7° 4 | 8°32 | 29°38 | 12° 2 | T 7 |
| W 8 | 3 9 29 | 15°32'56 | 25°31 | 2°42 | 2°11 | 1°27 | 6°44 | 23°11 | 11°15 | 27°32 | 16°43 | 7° 1 | 8°28 | 29°45 | 12° 0 | W 8 |
| T 9 | 3 13 26 | 16°32'22 | 9 궁 37 | 4° 9 | 3°12 | 2° 6 | 6°41 | 23° 6 | 11°17 | 27°33 | 16°46 | 7°D 1 | 8°25 | 29°51 | 11°57 | T 9 |
| F 10 | 3 17 22 | 17°31'50 | 23°15 | 5°36 | 4°13 | 2°45 | 6°38 | 23° 2 | 11°19 | 27°34 | 16°48 | 7° 1 | 8°22 | 29°58 | 11°54 | F 10 |
| S 11 | 3 21 19 | 18°31'20 | 6≈26 | 7° 3 | 5°14 | 3°24 | 6°35 | 22°57 | 11°21 | 27°35 | 16°51 | 7° 2 | 8°19 | 0 8 5 | 11°51 | S 11 |
| S 12 | 3 25 15 | 19°30'51 | 19°13 | 8°28 | 6°15 | 4° 2 | 6°32 | 22°52 | 11°23 | 27°36 | 16°53 | 7°R 3 | 8°16 | 0°12 | 11°49 | S 12 |
| M13 | 3 29 12 | 20°30'24 | 1) (41 | 9°53 | 7°15 | 4°41 | 6°28 | 22°47 | 11°25 | 27°38 | 16°56 | 7° 2 | 8°12 | 0°18 | 11°46 | M13 |
| T 14 | 3 33 8 | 21°29'58 | 13°54 | 11°16 | 8°15 | 5°20 | 6°24 | 22°43 | 11°27 | 27°39 | 16°58 | 7° 0 | 8° 9 | 0°25 | 11°43 | T 14 |
| W15 | 3 37 5 | 22°29'34 | 25°57 | 12°39 | 9°14 | 5°59 | 6°21 | 22°38 | 11°28 | 27°40 | 17° 0 | 6°55 | 8° 6 | 0°32 | 11°40 | W15 |
| T 16 | 3 41 1 | 23°29'12 | 7 Ƴ 53 | 14° 1 | 10°13 | 6°37 | 6°16 | 22°33 | 11°30 | 27°41 | 17° 3 | 6°49 | 8° 3 | 0°38 | 11°38 | T 16 |
| F 17 | 3 44 58 | 24°28'51 | 19°45 | 15°22 | 11°12 | 7°16 | 6°12 | 22°28 | 11°32 | 27°42 | 17° 5 | 6°41 | 8° 0 | 0°45 | 11°35 | F 17 |
| S 18 | 3 48 55 | 25°28'32 | 1837 | 16°42 | 12°10 | 7°55 | 6° 8 | 22°24 | 11°33 | 27°44 | 17° 7 | 6°33 | 7°57 | 0°52 | 11°32 | S 18 |
| S 19 | 3 52 51 | 26°28'15 | 13°30 | 18° 1 | 13° 8 | 8°34 | 6° 3 | 22°19 | 11°35 | 27°45 | 17°10 | 6°25 | 7°53 | 0°59 | 11°30 | S 19 |
| M20 | 3 56 48 | 27°28'00 | 25°27 | 19°18 | 14° 5 | 9°13 | 5°58 | 22°14 | 11°36 | 27°46 | 17°12 | 6°18 | 7°50 | 1° 5 | 11°27 | M20 |
| T 21 | 4 0 44 | 28°27'47 | 7Ⅱ28 | 20°35 | 15° 2 | 9°52 | 5°53 | 22° 9 | 11°38 | 27°47 | 17°15 | 6°13 | 7°47 | 1°12 | 11°25 | T 21 |
| W22 | 4 4 4 1 | 29°27'36 | 19°36 | 21°50 | 15°58 | 10°30 | 5°48 | 22° 5 | 11°39 | 27°49 | 17°17 | 6°10 | 7°44 | 1°19 | 11°22 | W22 |
| T 23 | 4 8 37 | 0 ₹ 27'27 | 1952 | 23° 3 | 16°54 | 11° 9 | 5°43 | 22° 0 | 11°41 | 27°50 | 17°19 | 6°D 8 | 7°41 | 1°25 | 11°19 | T 23 |
| F 24 | 4 12 34 | 1°27'20 | 14°18 | 24°15 | 17°49 | 11°48 | 5°37 | 21°55 | 11°42 | 27°52 | 17°22 | 6° 9 | 7°38 | 1°32 | 11°17 | F 24 |
| S 25 | 4 16 31 | 2°27'14 | 26°57 | 25°24 | 18°44 | 12°27 | 5°32 | 21°51 | 11°43 | 27°53 | 17°24 | 6°10 | 7°34 | 1°39 | 11°14 | S 25 |
| S 26 | 4 20 27 | 3°27'11 | 9 Ω 51 | 26°32 | 19°38 | 13° 6 | 5°26 | 21°46 | 11°44 | 27°55 | 17°26 | 6°12 | 7°31 | 1°46 | 11°12 | S 26 |
| M27 | 4 24 24 | 4°27'10 | 23° 2 | 27°37 | 20°32 | 13°45 | 5°20 | 21°41 | 11°46 | 27°56 | 17°29 | 6°13 | 7°28 | 1°52 | 11° 9 | M27 |
| T 28 | 4 28 20 | 5°27'11 | 6 m 34 | 28°40 | 21°24 | 14°24 | 5°14 | 21°37 | 11°47 | 27°58 | 17°31 | 6°R13 | 7°25 | 1°59 | 11° 7 | T 28 |
| W29 | 4 32 17 | 6°27'14 | 20°28 | 29°40 | 2 <u>2</u> °17 | 15° 3 | 5° 8 | 21°32 | 11°48 | 2 <u>7</u> °59 | 17°33 | 6°13 | 7°22 | 2° 6 | 11° 4 | W29 |
| T 30 | 4 36 13 | 7 ₹ 27'19 | 4 ≏ 44 | 0 궁 36 | 23중 8 | 15 M 42 | 5 9 1 | 21828 | 11 M 49 | 28ਰ 1 | 17 M 36 | 6 9 11 | 7 9 518 | 2812 | 118 2 | T 30 |

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|------|---------|-------------------|-----------------|-----------------|----------------|----------------|-------|----------------|----------------|---------------|-----------------|---------------|-------|---------------|----------------|------|
| F 1 | 4 40 10 | 8 × 727'26 | 19 ≏ 19 | 1 3 29 | 23 る 59 | 16 M 21 | 4°R55 | 21°R23 | 11 m 50 | 28 궁 2 | 17 M _38 | 6°R 7 | 79915 | 2 8 19 | 11°R 0 | F 1 |
| S 2 | 4 44 6 | 9°27'35 | 4 M .10 | 2°18 | 24°49 | 17° 0 | 49548 | 21819 | 11°51 | 28° 4 | 17°40 | 6 9 4 | 7°12 | 2°26 | 10 8 57 | S 2 |
| S 3 | 4 48 3 | 10°27'46 | 19° 9 | 3° 2 | 25°39 | 17°39 | 4°41 | 21°15 | 11°51 | 28° 6 | 17°42 | 6° 0 | 7° 9 | 2°33 | 10°55 | S 3 |
| M 4 | 4 52 0 | 11°27'59 | 4 ₹ 8 | 3°41 | 26°28 | 18°19 | 4°34 | 21°10 | 11°52 | 28° 7 | 17°45 | 5°57 | 7° 6 | 2°39 | 10°53 | M 4 |
| T 5 | 4 55 56 | 12°28'14 | 1 <u>8</u> °57 | 4°14 | 27°15 | 18°58 | 4°27 | 21° 6 | 11°53 | 28° 9 | 17°47 | 5°55 | 7° 3 | 2°46 | 10°50 | T 5 |
| W 6 | 4 59 53 | 13°28'31 | 3 る 29 | 4°41 | 28° 2 | 19°37 | 4°20 | 21° 2 | 11°54 | 28°11 | 17°49 | 5°D54 | 6°59 | 2°53 | 10°48 | W 6 |
| T 7 | 5 3 49 | 14°28'49 | 17°39 | 5° 1 | 28°48 | 20°16 | 4°13 | 20°58 | 11°54 | 28°13 | 17°51 | 5°54 | 6°56 | 2°59 | 10°46 | T 7 |
| F 8 | 5 7 46 | 15°29'08 | 1≈23 | 5°13 | 29°34 | 20°55 | 4° 6 | 20°54 | 11°55 | 28°14 | 17°54 | 5°55 | 6°53 | 3° 6 | 10°44 | F 8 |
| S 9 | 5 11 42 | 16°29'29 | 14°41 | 5°R16 | 0≈18 | 21°34 | 3°58 | 20°50 | 11°55 | 28°16 | 17°56 | 5°57 | 6°50 | 3°13 | 10°42 | S 9 |
| S 10 | 5 15 39 | 17°29'51 | 27°34 | 5°11 | 1° 1 | 22°14 | 3°51 | 20°46 | 11°56 | 28°18 | 17°58 | 5°58 | 6°47 | 3°20 | 10°39 | S 10 |
| M11 | 5 19 35 | 18°30'14 | 10 米 7 | 4°55 | 1°43 | 22°53 | 3°43 | 20°42 | 11°56 | 28°20 | 18° 0 | 5°59 | 6°44 | 3°26 | 10°37 | M11 |
| T 12 | 5 23 32 | 19°30'38 | 22°22 | 4°29 | 2°24 | 23°32 | 3°35 | 20°38 | 11°56 | 28°22 | 18° 2 | 5°R59 | 6°40 | 3°33 | 10°35 | T 12 |
| W13 | 5 27 29 | 20°31'04 | 4 Υ 25 | 3°53 | 3° 4 | 24°11 | 3°28 | 20°34 | 11°57 | 28°23 | 18° 4 | 5°59 | 6°37 | 3°40 | 10°33 | W13 |
| T 14 | 5 31 25 | 21°31'31 | 16°20 | 3° 6 | 3°43 | 24°51 | 3°20 | 20°30 | 11°57 | 28°25 | 18° 6 | 5°57 | 6°34 | 3°46 | 10°31 | T 14 |
| F 15 | 5 35 22 | 22°31'59 | 28°12 | 2° 9 | 4°20 | 25°30 | 3°12 | 20°27 | 11°57 | 28°27 | 18° 9 | 5°56 | 6°31 | 3°53 | 10°30 | F 15 |
| S 16 | 5 39 18 | 23°32'29 | 108 4 | 1° 3 | 4°56 | 26° 9 | 3° 4 | 20°23 | 11°57 | 28°29 | 18°11 | 5°54 | 6°28 | 4° 0 | 10°28 | S 16 |
| S 17 | 5 43 15 | 24°33'00 | 22° 0 | 29 × 750 | 5°31 | 26°49 | 2°56 | 20°19 | 11°R57 | 28°31 | 18°13 | 5°52 | 6°24 | 4° 6 | 10°26 | S 17 |
| M18 | 5 47 11 | 25°33'32 | 4 II 2 | 28°31 | 6° 4 | 27°28 | 2°48 | 20°16 | 11°57 | 28°33 | 18°15 | 5°50 | 6°21 | 4°13 | 10°24 | M18 |
| T 19 | 5 51 8 | 26°34'05 | 16°13 | 27°10 | 6°36 | 28° 7 | 2°40 | 20°13 | 11°57 | 28°35 | 18°17 | 5°49 | 6°18 | 4°20 | 10°22 | T 19 |
| W20 | 5 55 4 | 27°34'40 | 28°34 | 25°47 | 7° 7 | 28°47 | 2°32 | 20° 9 | 11°57 | 28°37 | 18°19 | 5°49 | 6°15 | 4°27 | 10°21 | W20 |
| T 21 | 5 59 1 | 28°35'16 | 1195 7 | 24°28 | 7°35 | 29°26 | 2°24 | 20° 6 | 11°57 | 28°39 | 18°21 | 5°D49 | 6°12 | 4°33 | 10°19 | T 21 |
| F 22 | 6 2 58 | 29°35'53 | 23°52 | 23°13 | 8° 3 | 0 , ₹0 | 2°15 | 20° 3 | 11°57 | 28°41 | 18°23 | 5°49 | 6° 9 | 4°40 | 10°18 | F 22 |
| S 23 | 6 6 54 | 0 ප 36'32 | 6 Ω 50 | 22° 6 | 8°28 | 0°45 | 2° 7 | 20° 0 | 11°56 | 28°43 | 18°25 | 5°50 | 6° 5 | 4°47 | 10°16 | S 23 |
| S 24 | 6 10 51 | 1°37'12 | 20° 1 | 21° 8 | 8°52 | 1°25 | 1°59 | 19°57 | 11°56 | 28°45 | 18°26 | 5°50 | 6° 2 | 4°53 | 10°15 | S 24 |
| M25 | 6 14 47 | 2°37'54 | 3 m 26 | 20°20 | 9°14 | 2° 4 | 1°51 | 19°54 | 11°56 | 28°47 | 18°28 | 5°51 | 5°59 | 5° 0 | 10°13 | M25 |
| T 26 | 6 18 44 | 3°38'37 | 17° 5 | 19°44 | 9°33 | 2°44 | 1°43 | 19°51 | 11°55 | 28°49 | 18°30 | 5°51 | 5°56 | 5° 7 | 10°12 | T 26 |
| W27 | 6 22 40 | 4°39'21 | 0 ≏ 57 | 19°19 | 9°51 | 3°23 | 1°35 | 19°49 | 11°55 | 28°51 | 18°32 | 5°R51 | 5°53 | 5°14 | 10°10 | W27 |
| T 28 | 6 26 37 | 5°40'07 | 15° 3 | 19° 5 | 10° 7 | 4° 3 | 1°26 | 19°46 | 11°54 | 28°54 | 18°34 | 5°D51 | 5°50 | 5°20 | 10° 9 | T 28 |
| F 29 | 6 30 34 | 6°40'54 | 29°20 | 19°D 3 | 10°21 | 4°42 | 1°18 | 19°44 | 11°54 | 28°56 | 18°36 | 5°51 | 5°46 | 5°27 | 10° 8 | F 29 |
| S 30 | 6 34 30 | 7°41'43 | 13 M .46 | 19°11 | 10°33 | 5°22 | 1°10 | 19°41 | 11°53 | 28°58 | 18°37 | 5°51 | 5°43 | 5°34 | 10° 7 | S 30 |
| S 31 | 6 38 27 | 8 ප් 42'33 | 28 M 17 | 19 × 28 | 10≈43 | 6 ₹ 2 | 199 2 | 19 8 39 | 11 m 52 | 29 る 0 | 18 M .39 | 5 9 51 | 59640 | 5 8 40 | 10 8 5 | S 31 |

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| M 1 | 6 42 23 | 9 ට 43'24 | 12 × 749 | 19 ∡ 754 | 10≈50 | 6 ₹ 41 | 0°R54 | 19°R37 | 11°R51 | 29중 2 | 18 M .41 | 5952 | 5937 | 5 8 47 | 10°R 4 | M 1 |
| T 2 | 6 46 20 | 10°44'16 | 27°15 | 20°27 | 10°55 | 7°21 | 09୍ଦେ46 | 19835 | 11 m 51 | 29° 4 | 18°42 | 5°52 | 5°34 | 5°54 | 108 3 | T 2 |
| W 3 | 6 50 16 | 11°45'10 | 11 궁 30 | 21° 8 | 10°58 | 8° 1 | 0°38 | 19°33 | 11°50 | 29° 6 | 18°44 | 5°R52 | 5°30 | 6° 0 | 10° 2 | W 3 |
| T 4 | 6 54 13 | 12°46'04 | 25°29 | 21°55 | 10°R58 | 8°40 | 0°30 | 19°31 | 11°49 | 29° 9 | 18°46 | 5°51 | 5°27 | 6° 7 | 10° 1 | T 4 |
| F 5 | 6 58 9 | 13°46'59 | 9≈ 9 | 22°47 | 10°56 | 9°20 | 0°23 | 19°29 | 11°48 | 29°11 | 18°47 | 5°51 | 5°24 | 6°14 | 10° 1 | F 5 |
| S 6 | 7 2 6 | 14°47'55 | 22°28 | 23°44 | 10°51 | 10° 0 | 0°15 | 19°27 | 11°47 | 29°13 | 18°49 | 5°50 | 5°21 | 6°21 | 10° 0 | S 6 |
| S 7 | 7 6 3 | 15°48'52 | 5) €24 | 24°46 | 10°44 | 10°40 | 0° 7 | 19°26 | 11°46 | 29°15 | 18°51 | 5°48 | 5°18 | 6°27 | 9°59 | S 7 |
| M 8 | 7 9 59 | 16°49'49 | 18° 1 | 25°50 | 10°34 | 11°20 | 29∏59 | 19°24 | 11°45 | 29°17 | 18°52 | 5°47 | 5°15 | 6°34 | 9°58 | M 8 |
| T 9 | 7 13 56 | 17°50'46 | 0 Υ 19 | 26°59 | 10°22 | 11°59 | 29°52 | 19°23 | 11°43 | 29°20 | 18°54 | 5°46 | 5°11 | 6°41 | 9°58 | T 9 |
| W10 | 7 17 52 | 18°51'44 | 12°25 | 28°10 | 10° 7 | 12°39 | 29°45 | 19°21 | 11°42 | 29°22 | 18°55 | 5°45 | 5° 8 | 6°47 | 9°57 | W10 |
| T 11 | 7 21 49 | 19°52'42 | 24°21 | 2 <u>9</u> °23 | 9°50 | 13°19 | 29°38 | 19°20 | 11°41 | 29°24 | 18°56 | 5°D45 | 5° 5 | 6°54 | 9°56 | T 11 |
| F 12 | 7 25 45 | 20°53'41 | 6812 | 0 궁 38 | 9°31 | 13°59 | 29°31 | 19°19 | 11°40 | 29°26 | 18°58 | 5°46 | 5° 2 | 7° 1 | 9°56 | F 12 |
| S 13 | 7 29 42 | 21°54'40 | 18° 4 | 1°56 | 9° 9 | 14°39 | 29°24 | 19°18 | 11°38 | 29°29 | 18°59 | 5°47 | 4°59 | 7° 7 | 9°55 | S 13 |
| S 14 | 7 33 38 | 22°55'39 | 0 I I 1 | 3°15 | 8°45 | 15°19 | 29°17 | 19°17 | 11°37 | 29°31 | 19° 0 | 5°48 | 4°56 | 7°14 | 9°55 | S 14 |
| M15 | 7 37 35 | 23°56'39 | 12° 7 | 4°35 | 8°19 | 15°59 | 29°10 | 19°17 | 11°35 | 29°33 | 19° 2 | 5°50 | 4°52 | 7°21 | 9°55 | M15 |
| T 16 | 7 41 32 | 24°57'39 | 24°26 | 5°57 | 7°51 | 16°39 | 29° 3 | 19°16 | 11°34 | 29°35 | 19° 3 | 5°51 | 4°49 | 7°28 | 9°54 | T 16 |
| W17 | 7 45 28 | 25°58'40 | 6959 | 7°20 | 7°21 | 17°18 | 28°57 | 19°16 | 11°32 | 29°38 | 19° 4 | 5°R51 | 4°46 | 7°34 | 9°54 | W17 |
| T 18 | 7 49 25 | 26°59'41 | 19°50 | 8°43 | 6°50 | 17°58 | 28°51 | 19°15 | 11°31 | 29°40 | 19° 6 | 5°51 | 4°43 | 7°41 | 9°54 | T 18 |
| F 19 | 7 53 21 | 28° 0'42 | 2 Ω 57 | 10° 8 | 6°17 | 18°38 | 28°44 | 19°15 | 11°29 | 29°42 | 19° 7 | 5°49 | 4°40 | 7°48 | 9°54 | F 19 |
| S 20 | 7 57 18 | 29° 1'44 | 16°21 | 11°34 | 5°43 | 19°19 | 28°38 | 19°15 | 11°27 | 29°45 | 19° 8 | 5°46 | 4°36 | 7°54 | 9°D54 | S 20 |
| S 21 | 8 1 14 | 0≈ 2'45 | 29°59 | 13° 0 | 5° 7 | 19°59 | 28°32 | 19°D15 | 11°26 | 29°47 | 19° 9 | 5°43 | 4°33 | 8° 1 | 9°54 | S 21 |
| M22 | 8 5 11 | 1° 3'48 | 13 m 49 | 14°27 | 4°31 | 20°39 | 28°27 | 19°15 | 11°24 | 29°49 | 19°10 | 5°39 | 4°30 | 8° 8 | 9°54 | M22 |
| T 23 | 8 9 7 | 2° 4'51 | 27°48 | 15°54 | 3°55 | 21°19 | 28°21 | 19°15 | 11°22 | 29°51 | 19°11 | 5°35 | 4°27 | 8°14 | 9°54 | T 23 |
| W24 | 8 13 4 | 3° 5'54 | 11 ≏ 53 | 17°23 | 3°18 | 21°59 | 28°15 | 19°15 | 11°20 | 29°54 | 19°12 | 5°32 | 4°24 | 8°21 | 9°54 | W24 |
| T 25 | 8 17 1 | 4° 6'57 | 26° 1 | 18°51 | 2°42 | 22°39 | 28°10 | 19°15 | 11°18 | 29°56 | 19°13 | 5°31 | 4°21 | 8°28 | 9°54 | T 25 |
| F 26 | 8 20 57 | 5° 8'02 | 10 M .11 | 20°20 | 2° 5 | 23°19 | 28° 5 | 19°16 | 11°16 | 29°58 | 19°14 | 5°D31 | 4°17 | 8°35 | 9°55 | F 26 |
| S 27 | 8 24 54 | 6° 9'06 | 24°20 | 21°50 | 1°29 | 23°59 | 28° 0 | 19°16 | 11°14 | 0≈ 0 | 19°15 | 5°32 | 4°14 | 8°41 | 9°55 | S 27 |
| S 28 | 8 28 50 | 7°10'12 | 8 ∡ 727 | 23°20 | 0°54 | 24°39 | 27°55 | 19°17 | 11°12 | 0° 3 | 19°16 | 5°33 | 4°11 | 8°48 | 9°55 | S 28 |
| M29 | 8 32 47 | 8°11'17 | 2 <u>2</u> °29 | 24°51 | <u>0°20</u> | 25°20 | 27°51 | 19°18 | 11°10 | 0° 5 | 19°17 | 5°35 | 4° 8 | 8°55 | 9°56 | M29 |
| T 30 | 8 36 43 | 9°12'23 | 6 조 26 | 2 <u>6</u> °22 | 29 조 47 | 26° 0 | 27°46 | 19°19 | 11° 8 | 0° 7 | 19°17 | 5°R35 | 4° 5 | 9° 1 | 9°56 | T 30 |
| W31 | 8 40 40 | 10≈13'29 | 20 궁 14 | 27 る 53 | 29 궁 15 | 26 × ⁷ 40 | 27 Ⅱ 42 | 19820 | 11 Mp 6 | 0≈ 9 | 19 M .18 | 5934 | 499 2 | 9 8 8 | 9 8 57 | W31 |

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|------|----------|-------------------|----------------|------------------|----------------|----------------|-----------------|----------------|---------------|------|-----------------|-------|---------------|---------------|----------------|------|
| T 1 | 8 44 37 | 11≈14'35 | 3≈51 | 29 궁 25 | 28°R46 | 27 ₹ 20 | 27°R38 | 19 8 21 | 11°R 4 | 0≈12 | 19 M .19 | 5°R31 | 3958 | 9 8 15 | 9 8 58 | T 1 |
| F 2 | 8 48 33 | 12°15'40 | 17°14 | 0≈57 | 28 궁 17 | 28° 1 | 27 Ⅲ 34 | 19°22 | 11 Mp 2 | 0°14 | 19°20 | 5927 | 3°55 | 9°21 | 9°58 | F 2 |
| S 3 | 8 52 30 | 13°16'46 | 0 ∺ 22 | 2°30 | 27°51 | 28°41 | 27°30 | 19°23 | 11° 0 | 0°16 | 19°20 | 5°21 | 3°52 | 9°28 | 9°59 | S 3 |
| S 4 | 8 56 26 | 14°17'51 | 13°13 | 4° 3 | 27°27 | 29°21 | 27°27 | 19°25 | 10°57 | 0°18 | 19°21 | 5°13 | 3°49 | 9°35 | 10° 0 | S 4 |
| M 5 | 9 0 23 | 15°18'56 | 25°47 | 5°37 | 27° 5 | 0중 2 | 27°24 | 19°26 | 10°55 | 0°20 | 19°22 | 5° 6 | 3°46 | 9°42 | 10° 1 | M 5 |
| T 6 | 9 4 19 | 16°20'00 | 8 Y 6 | 7°11 | 26°46 | 0°42 | 27°21 | 19°28 | 10°53 | 0°23 | 19°22 | 4°59 | 3°42 | 9°48 | 10° 2 | T 6 |
| W 7 | 9 8 16 | 17°21'04 | 20°12 | 8°45 | 26°28 | 1°23 | 27°18 | 19°30 | 10°51 | 0°25 | 19°23 | 4°54 | 3°39 | 9°55 | 10° 3 | W 7 |
| T 8 | 9 12 12 | 18°22'08 | 2 8 8 | 10°20 | 26°13 | 2° 3 | 27°15 | 19°32 | 10°48 | 0°27 | 19°23 | 4°50 | 3°36 | 10° 2 | 10° 4 | T 8 |
| F 9 | 9 16 9 | 19°23'10 | 13°59 | 11°56 | 26° 1 | 2°43 | 27°13 | 19°34 | 10°46 | 0°29 | 19°24 | 4°49 | 3°33 | 10° 8 | 10° 5 | F 9 |
| S 10 | 9 20 5 | 20°24'13 | 25°49 | 13°32 | 25°51 | 3°24 | 27°10 | 19°36 | 10°43 | 0°31 | 19°24 | 4°D49 | 3°30 | 10°15 | 10° 6 | S 10 |
| S 11 | 9 24 2 | 21°25'14 | 7 Ⅱ 45 | 15° 9 | 25°43 | 4° 4 | 27° 8 | 19°38 | 10°41 | 0°34 | 19°24 | 4°50 | 3°27 | 10°22 | 10° 7 | S 11 |
| M12 | 9 27 59 | 22°26'15 | 19°51 | 16°46 | 25°38 | 4°45 | 27° 6 | 19°40 | 10°39 | 0°36 | 19°25 | 4°51 | 3°23 | 10°28 | 10° 8 | M12 |
| T 13 | 9 31 55 | 23°27'15 | 29512 | 18°23 | 25°35 | 5°25 | 27° 5 | 19°43 | 10°36 | 0°38 | 19°25 | 4°R52 | 3°20 | 10°35 | 10° 9 | T 13 |
| W14 | 9 35 52 | 24°28'14 | 14°52 | 20° 1 | 25°D35 | 6° 6 | 27° 3 | 19°45 | 10°34 | 0°40 | 19°25 | 4°52 | 3°17 | 10°42 | 10°11 | W14 |
| T 15 | 9 39 48 | 25°29'13 | 27°53 | 21°40 | 25°37 | 6°46 | 27° 2 | 19°48 | 10°31 | 0°42 | 19°26 | 4°49 | 3°14 | 10°49 | 10°12 | T 15 |
| F 16 | 9 43 45 | 26°30'11 | $11\Omega 18$ | 23°20 | 25°42 | 7°27 | 27° 1 | 19°51 | 10°29 | 0°44 | 19°26 | 4°44 | 3°11 | 10°55 | 10°14 | F 16 |
| S 17 | 9 47 41 | 27°31'08 | 25° 5 | 25° 0 | 25°49 | 8° 7 | 27° 0 | 19°53 | 10°26 | 0°46 | 19°26 | 4°37 | 3° 7 | 11° 2 | 10°15 | S 17 |
| S 18 | 9 51 38 | 28°32'04 | 9 m p11 | 26°40 | 25°58 | 8°48 | 26°59 | 19°56 | 10°24 | 0°48 | 19°26 | 4°28 | 3° 4 | 11° 9 | 10°17 | S 18 |
| M19 | 9 55 35 | 29°32'59 | 23°31 | 28°21 | 26°10 | 9°29 | 26°59 | 19°59 | 10°21 | 0°50 | 19°26 | 4°19 | 3° 1 | 11°15 | 10°18 | M19 |
| T 20 | 9 59 31 | 0) €33'54 | 7 ≙ 59 | 0) 3 | 26°23 | 10° 9 | 26°59 | 20° 2 | 10°18 | 0°52 | 19°26 | 4°10 | 2°58 | 11°22 | 10°20 | T 20 |
| W21 | 10 3 28 | 1°34'49 | 22°29 | 1°46 | 26°39 | 10°50 | 26°D59 | 20° 6 | 10°16 | 0°54 | 19°R26 | 4° 3 | 2°55 | 11°29 | 10°22 | W21 |
| T 22 | 10 7 24 | 2°35'43 | 6ML54 | 3°29 | 26°57 | 11°31 | 26°59 | 20° 9 | 10°13 | 0°56 | 19°26 | 3°57 | 2°52 | 11°35 | 10°23 | T 22 |
| F 23 | 10 11 21 | 3°36'36 | 21°11 | 5°13 | 27°17 | 12°11 | 26°59 | 20°12 | 10°11 | 0°58 | 19°26 | 3°55 | 2°48 | 11°42 | 10°25 | F 23 |
| S 24 | 10 15 17 | 4°37'29 | 5 ,7 17 | 6°57 | 27°38 | 12°52 | 27° 0 | 20°16 | 10° 8 | 1° 0 | 19°26 | 3°D54 | 2°45 | 11°49 | 10°27 | S 24 |
| S 25 | 10 19 14 | 5°38'21 | 19°12 | 8°42 | 28° 2 | 13°33 | 27° 1 | 20°19 | 10° 5 | 1° 2 | 19°26 | 3°54 | 2°42 | 11°55 | 10°29 | S 25 |
| M26 | 10 23 10 | 6°39'13 | 2 ප 56 | 10°28 | 28°27 | 14°13 | 27° 2 | 20°23 | 10° 3 | 1° 4 | 19°26 | 3°R55 | 2°39 | 12° 2 | 10°31 | M26 |
| T 27 | 10 27 7 | 7°40'04 | 16°28 | 12°14 | 28°54 | 14°54 | 27° 3 | 20°27 | 10° 0 | 1° 6 | 19°26 | 3°54 | 2°36 | 12° 9 | 10°33 | T 27 |
| W28 | 10 31 3 | 8°40'54 | 29°50 | 14° 1 | 29°23 | 15°35 | 27° 4 | 20°31 | 9°58 | 1° 8 | 19°25 | 3°51 | 2°33 | 12°16 | 10°35 | W28 |
| T 29 | 10 35 0 | 9)(41'43 | 13 ≈ 2 | 15) (48 | 29 궁 53 | 16 ਰ 16 | 27 I I 6 | 20 8 35 | 9 m 55 | 1≈10 | 19 M 25 | 39546 | 2 9 29 | 12822 | 10 8 37 | T 29 |

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| Day | Sid.t | 0 | D | ğ | Q. | ð | 4 | ħ |)∤(| 卉 | Р | J. | ಬ | ţ | ę, | Day |
|--------------|----------------------|--------------------|-------------------------|-----------------|----------------|----------------|------------------|----------------|---------------|-----------------------|-------------------------|--------------|--------------|----------------|----------------|--------------|
| F 1 | 10 38 57 | 10) (42'32 | 26≈ 3 | 17) (35 | 0≈25 | 16 ප 57 | 27 I I 8 | 20 8 39 | 9°R52 | 1≈12 | 19°R25 | 3°R37 | 29526 | 12829 | 10 8 39 | F 1 |
| S 2 | 10 42 53 | 11°43'19 | 8 ¥ 52 | 19°23 | 0°58 | 17°38 | 27°10 | 20°43 | 9 m 50 | 1°14 | 19 M 24 | 3926 | 2°23 | 12°36 | 10°41 | S 2 |
| S 3 | 10 46 50 | 12°44'05 | 21°30 | 21°12 | 1°33 | 18°18 | 27°12 | 20°47 | 9°47 | 1°16 | 19°24 | 3°13 | 2°20 | 12°42 | 10°43 | S 3 |
| M 4 | 10 50 46 | 13°44'50 | 3 Υ 55 | 23° 0 | 2° 9 | 18°59 | 27°14 | 20°51 | 9°44 | 1°17 | 19°24 | 3° 0 | 2°17 | 12°49 | 10°46 | M 4 |
| T 5 | 10 54 43 | 14°45'34 | 16° 8 | 24°48 | 2°46 | 19°40 | 27°17 | 20°56 | 9°42 | 1°19 | 19°23 | 2°47 | 2°13 | 12°56 | 10°48 | T 5 |
| W 6 | 10 58 39 | 15°46'16 | 28°10 | 26°36 | 3°25 | 20°21 | 27°20 | 21° 0 | 9°39 | 1°21 | 19°23 | 2°36 | 2°10 | 13° 2 | 10°50 | W 6 |
| T 7 | 11 2 36 | 16°46'57 | 108 4 | 28°23 | 4° 5 | 21° 2 | 27°23 | 21° 5 | 9°37 | 1°23 | 19°22 | 2°28 | 2° 7 | 13° 9 | 10°53 | T 7 |
| F 8 | 11 6 32 | 17°47'37 | 21°54 | 0 Υ 10 | 4°46 | 21°43 | 27°26 | 21°10 | 9°34 | 1°24 | 19°22 | 2°22 | 2° 4 | 13°16 | 10°55 | F 8 |
| S 9 | 11 10 29 | 18°48'15 | 3 Ⅱ 42 | 1°56 | 5°28 | 22°24 | 27°29 | 21°14 | 9°31 | 1°26 | 19°21 | 2°19 | 2° 1 | 13°22 | 10°57 | S 9 |
| S 10 | 11 14 26 | 19°48'51 | 15°36 | 3°40 | 6°11 | 23° 5 | 27°33 | 21°19 | 9°29 | 1°28 | 19°20 | 2°D18 | 1°58 | 13°29 | 11° 0 | S 10 |
| M11 | 11 18 22 | 20°49'26 | 27°38 | 5°22 | 6°55 | 23°46 | 27°37 | 21°24 | 9°26 | 1°29 | 19°20 | 2°R18 | 1°54 | 13°36 | 11° 2 | M11 |
| T 12 | 11 22 19 | 21°49'59 | 9957 | 7° 2 | 7°40 | 24°27 | 27°40 | 21°29 | 9°24 | 1°31 | 19°19 | 2°18 | 1°51 | 13°42 | 11° 5 | T 12 |
| W13 | 11 26 15 | 22°50'31 | 22°35 | 8°40 | 8°26 | 25° 8 | 27°45 | 21°34 | 9°21 | 1°33 | 19°18 | 2°17 | 1°48 | 13°49 | 11° 8 | W13 |
| T 14 | 11 30 12 | 23°51'01 | 5 Ω 39 | 10°14 | 9°13 | 25°49 | 27°49 | 21°39 | 9°19 | 1°34 | 19°18 | 2°13 | 1°45 | 13°56 | 11°10 | T 14 |
| F 15 | 11 34 8 | 24°51'29 | 19°10 | 11°44 | 10° 0 | 26°30 | 27°53 | 21°44 | 9°16 | 1°36 | 19°17 | 2° 7 | 1°42 | 14° 3 | 11°13 | F 15 |
| S 16 | 11 38 5 | 25°51'55 | 3 Mg 9 | 13°10 | 10°49 | 27°11 | 27°58 | 21°50 | 9°14 | 1°37 | 19°16 | 1°58 | 1°39 | 14° 9 | 11°16 | S 16 |
| S 17 | 11 42 1 | 26°52'20 | 17°33 | 14°31 | 11°38 | 27°52 | 28° 3 | 21°55 | 9°11 | 1°39 | 19°15 | 1°47 | 1°35 | 14°16 | 11°18 | S 17 |
| M18 | 11 45 58 | 27°52'43 | 2 ≏ 16 | 15°46 | 12°28 | 28°33 | 28° 8 | 22° 0 | 9° 9 | 1°40 | 19°14 | 1°35 | 1°32 | 14°23 | 11°21 | M18 |
| T 19 | 11 49 55 | 28°53'05 | 17°11 | 16°55 | 13°19 | 29°14 | 28°13 | 22° 6 | 9° 6 | 1°42 | 19°14 | 1°23 | 1°29 | 14°29 | 11°24 | T 19 |
| W20 | 11 53 51 | 29°53'25 | 2 m 7 | 17°57 | 14°11 | 29°55 | 28°18 | 22°11 | 9° 4 | 1°43 | 19°13 | 1°13 | 1°26 | 14°36 | 11°27 | W20 |
| T 21 | 11 57 48 | 0 Υ 53'44 | 16°57 | 18°51 | 15° 3 | 0≈37 | 28°24 | 22°17 | 9° 2 | 1°44 | 19°12 | 1° 6 | 1°23 | 14°43 | 11°30 | T 21 |
| F 22 S 23 | 12 1 44 12 5 41 | 1°54'02 2°54'18 | 1 ∡ 733 15°51 | 19°37 20°14 | 15°56 16°50 | 1°18 1°59 | 28°30 28°36 | 22°23 22°28 | 8°59 8°57 | 1°46 1°47 | 19°11 19°10 | 1° 1 0°59 | 1°19 1°16 | 14°49 14°56 | 11°33 11°36 | F 22 S 23 |
| | | | | - | | | | | | - | | | | | | |
| S 24 | 12 9 37 | 3°54'33 | 29°49 | 20°42 | 17°44 | 2°40 | 28°42 | 22°34 | 8°55 | 1°48 | 19° 9 | 0°59 | 1°13 | 15° 3 | 11°39 | S 24 |
| M25 | 12 13 34 | 4°54'47 | 13 る 28 | 21° 1 | 18°39 | 3°21 | 28°48 | 22°40 | 8°52 | 1°50 | 19° 8 | 0°59 | 1°10 | 15° 9 | 11°42 | M25 |
| T 26 | 12 17 30 | 5°54'59 | 26°49 | 21°11 | 19°35 | 4° 3 | 28°54 | 22°46 | 8°50 | 1°51 | 19° 7 | 0°58 | 1° 7 | 15°16 | 11°45 | T 26 |
| W27 T 28 | 12 21 27 | 6°55'10 7°55'19 | 9 ≈ 55 22°48 | 21°R11 21° 2 | 20°31 21°27 | 4°44 | 29° 1 29° 7 | 22°52 | 8°48 8°46 | 1°52 1°53 | 19° 5 19° 4 | 0°54 0°48 | 1° 4 1° 0 | 15°23 | 11°48 11°51 | W27 T 28 |
| F 29 | 12 25 24 12 29 20 | 8°55'19 | 5 H 29 | 21° 2 20°44 | 21°27 22°24 | 5°25 6° 6 | 29° / 29°14 | 22°58 23° 4 | 8°46 8°43 | 1°53 1°54 | 19° 4 19° 3 | 0°48 0°39 | 0°57 | 15°29 15°36 | 11°51 11°54 | F 29 |
| S 30 | 12 29 20 | 9°55'33 | 18° 0 | 20°17 | 22°24 23°22 | 6°48 | 29°14 29°21 | 23°10 | 8°41 | 1°56 | 19° 3 | 0°27 | 0°54 | 15°43 | 11°57 | S 30 |
| S 31 | 12 37 13 | 10 Y 55'38 | 0 Υ 21 | 19 Y 43 | 24 ≈ 19 | 7 ≈ 29 | 29 I I 28 | 23 10 | 8 m 39 | 1 30 1 ≈ 57 | 19 Z 19 M . 1 | 0913 | 0951 | 15849 | 12 8 0 | S 31 |
| 3 31 | 123/13 | 10 33 36 | UIZI | 17143 | ∠4≈19 | / ~ ~29 | 23 11 28 | 2301/ | ودياه | 1~5/ | 17116 I | 0=913 | ا دودی | 13049 | 120 0 | 3 31 |

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| Day | Sid.t | 0 | D | ğ | Q. | ď | 4 | ħ |)f(| # | В | N. | v | Ç | Š | Day |
|------|----------|-------------------|-----------------|----------------|----------------|-------|-------|----------------|---------------|------|-----------------|-----------------|-------|----------------|-------|------|
| M 1 | 12 41 10 | 11 Y 55'40 | 12 Y 33 | 19°R 2 | 25≈18 | 8≈10 | 29∏36 | 23 8 23 | 8°R37 | 1≈58 | 18°R59 | 29°R59 | 09548 | 15856 | 128 4 | M 1 |
| T 2 | 12 45 6 | 12°55'41 | 24°37 | 18 Y 15 | 26°17 | 8°52 | 29°43 | 23°29 | 8 m 35 | 1°59 | 18 M .58 | 29∏46 | 0°44 | 16° 3 | 12° 7 | T 2 |
| W 3 | 12 49 3 | 13°55'40 | 6 8 34 | 17°24 | 27°16 | 9°33 | 29°51 | 23°36 | 8°33 | 2° 0 | 18°57 | 29°34 | 0°41 | 16°10 | 12°10 | W 3 |
| T 4 | 12 52 59 | 14°55'38 | 18°25 | 16°29 | 28°16 | 10°14 | 29°58 | 23°42 | 8°31 | 2° 1 | 18°56 | 29°24 | 0°38 | 16°16 | 12°13 | T 4 |
| F 5 | 12 56 56 | 15°55'33 | 0 Ⅱ 13 | 15°32 | 29°16 | 10°56 | 0න 6 | 23°49 | 8°29 | 2° 2 | 18°54 | 29°18 | 0°35 | 16°23 | 12°17 | F 5 |
| S 6 | 13 0 52 | 16°55'26 | 12° 1 | 14°34 | 0 ∺ 16 | 11°37 | 0°14 | 23°55 | 8°27 | 2° 3 | 18°53 | 29°14 | 0°32 | 16°30 | 12°20 | S 6 |
| S 7 | 13 4 49 | 17°55'17 | 23°53 | 13°36 | 1°17 | 12°18 | 0°22 | 24° 2 | 8°25 | 2° 3 | 18°52 | 29°D13 | 0°29 | 16°36 | 12°23 | S 7 |
| M 8 | 13 8 46 | 18°55'06 | 5954 | 12°40 | 2°18 | 13° 0 | 0°31 | 24° 8 | 8°24 | 2° 4 | 18°50 | 29°13 | 0°25 | 16°43 | 12°27 | M 8 |
| T 9 | 13 12 42 | 19°54'53 | 18° 9 | 11°47 | 3°19 | 13°41 | 0°39 | 24°15 | 8°22 | 2° 5 | 18°49 | 29°R13 | 0°22 | 16°50 | 12°30 | T 9 |
| W10 | 13 16 39 | 20°54'38 | 0 Ω 44 | 10°58 | 4°21 | 14°22 | 0°48 | 24°22 | 8°20 | 2° 6 | 18°47 | 29°12 | 0°19 | 16°56 | 12°33 | W10 |
| T 11 | 13 20 35 | 21°54'21 | 13°43 | 10°13 | 5°23 | 15° 4 | 0°56 | 24°29 | 8°18 | 2° 7 | 18°46 | 29°10 | 0°16 | 17° 3 | 12°37 | T 11 |
| F 12 | 13 24 32 | 22°54'01 | 27°10 | 9°33 | 6°25 | 15°45 | 1° 5 | 24°36 | 8°17 | 2° 7 | 18°44 | 29° 6 | 0°13 | 17°10 | 12°40 | F 12 |
| S 13 | 13 28 28 | 23°53'39 | 11 Mp 7 | 8°59 | 7°28 | 16°27 | 1°14 | 24°42 | 8°15 | 2° 8 | 18°43 | 28°59 | 0°10 | 17°16 | 12°44 | S 13 |
| S 14 | 13 32 25 | 24°53'15 | 25°33 | 8°30 | 8°31 | 17° 8 | 1°23 | 24°49 | 8°14 | 2° 9 | 18°41 | 28°50 | 0° 6 | 17°23 | 12°47 | S 14 |
| M15 | 13 36 21 | 25°52'49 | 10 ≏ 24 | 8° 7 | 9°34 | 17°49 | 1°32 | 24°56 | 8°12 | 2° 9 | 18°40 | 28°41 | 0° 3 | 17°30 | 12°51 | M15 |
| T 16 | 13 40 18 | 26°52'21 | 25°32 | 7°51 | 10°38 | 18°31 | 1°42 | 25° 3 | 8°11 | 2°10 | 18°38 | 28°31 | 0° 0 | 17°36 | 12°54 | T 16 |
| W17 | 13 44 15 | 27°51'51 | 10 M .46 | 7°40 | 11°41 | 19°12 | 1°51 | 25°10 | 8° 9 | 2°10 | 18°37 | 28°23 | 29耳57 | 17°43 | 12°58 | W17 |
| T 18 | 13 48 11 | 28°51'19 | 25°56 | 7°D36 | 12°45 | 19°54 | 2° 1 | 25°17 | 8° 8 | 2°11 | 18°35 | 28°17 | 29°54 | 17°50 | 13° 1 | T 18 |
| F 19 | 13 52 8 | 29°50'46 | 10 × 52 | 7°37 | 13°50 | 20°35 | 2°10 | 25°24 | 8° 6 | 2°11 | 18°34 | 28°13 | 29°50 | 17°56 | 13° 5 | F 19 |
| S 20 | 13 56 4 | 0 8 50'11 | 25°28 | 7°44 | 14°54 | 21°17 | 2°20 | 25°32 | 8° 5 | 2°12 | 18°32 | 28°D12 | 29°47 | 18° 3 | 13° 8 | S 20 |
| S 21 | 14 0 1 | 1°49'34 | 9 る 39 | 7°56 | 15°59 | 21°58 | 2°30 | 25°39 | 8° 4 | 2°12 | 18°31 | 28°12 | 29°44 | 18°10 | 13°12 | S 21 |
| M22 | 14 3 57 | 2°48'55 | 23°26 | 8°14 | 17° 4 | 22°40 | 2°40 | 25°46 | 8° 3 | 2°13 | 18°29 | 28°13 | 29°41 | 18°16 | 13°15 | M22 |
| T 23 | 14 7 54 | 3°48'15 | 6≈49 | 8°36 | 18° 9 | 23°21 | 2°50 | 25°53 | 8° 1 | 2°13 | 18°27 | 28°R14 | 29°38 | 18°23 | 13°19 | T 23 |
| W24 | 14 11 50 | 4°47'33 | 19°51 | 9° 3 | 19°14 | 24° 3 | 3° 0 | 26° 0 | 8° 0 | 2°13 | 18°26 | 28°12 | 29°35 | 18°30 | 13°23 | W24 |
| T 25 | 14 15 47 | 5°46'49 | 2 ∺ 36 | 9°34 | 20°20 | 24°44 | 3°10 | 26° 8 | 7°59 | 2°14 | 18°24 | 28° 9 | 29°31 | 18°37 | 13°26 | T 25 |
| F 26 | 14 19 44 | 6°46'04 | 15° 5 | 10°10 | 21°25 | 25°26 | 3°21 | 26°15 | 7°58 | 2°14 | 18°22 | 28° 3 | 29°28 | 18°43 | 13°30 | F 26 |
| S 27 | 14 23 40 | 7°45'17 | 27°23 | 10°50 | 22°31 | 26° 7 | 3°31 | 26°22 | 7°57 | 2°14 | 18°21 | 27°56 | 29°25 | 18°50 | 13°33 | S 27 |
| S 28 | 14 27 37 | 8°44'28 | 9 Υ 31 | 11°33 | 23°38 | 26°49 | 3°42 | 26°30 | 7°56 | 2°14 | 18°19 | 27°47 | 29°22 | 18°57 | 13°37 | S 28 |
| M29 | 14 31 33 | 9°43'37 | 21°32 | 12°20 | 24°44 | 27°30 | 3°53 | 26°37 | 7°56 | 2°15 | 18°17 | 27°37 | 29°19 | 19° 3 | 13°41 | M29 |
| T 30 | 14 35 30 | 10842'44 | 3 8 28 | 13 Y 10 | 25 米 50 | 28≈12 | 499 4 | 26 8 44 | 7 m 55 | 2≈15 | 18 M .16 | 27 II 28 | 29耳16 | 19 8 10 | 13844 | T 30 |

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| W 1 | 14 39 26 | 11841'50 | 15 8 19 | 14 ° 4 | 26 米 57 | 28≈53 | 49514 | 26 8 52 | 7°R54 | 2≈15 | 18°R14 | 27°R20 | 29∏12 | 19 8 17 | 13 8 48 | W 1 |
| T 2 | 14 43 23 | 12°40'53 | 27° 8 | 15° 0 | 28° 4 | 29°35 | 4°25 | 26°59 | 7 m 53 | 2°15 | 18 M .12 | 27 Ⅱ 14 | 29° 9 | 19°23 | 13°51 | T 2 |
| F 3 | 14 47 19 | 13°39'55 | 8耳56 | 16° 0 | 29°10 | 0 ∺ 16 | 4°37 | 27° 7 | 7°53 | 2°R15 | 18°11 | 27°10 | 29° 6 | 19°30 | 13°55 | F 3 |
| S 4 | 14 51 16 | 14°38'54 | 20°46 | 17° 2 | 0 Υ 18 | 0°58 | 4°48 | 27°14 | 7°52 | 2°15 | 18° 9 | 27° 8 | 29° 3 | 19°37 | 13°59 | S 4 |
| S 5 | 14 55 12 | 15°37'51 | 29542 | 18° 7 | 1°25 | 1°39 | 4°59 | 27°22 | 7°52 | 2°15 | 18° 7 | 27°D 8 | 29° 0 | 19°43 | 14° 2 | S 5 |
| M 6 | 14 59 9 | 16°36'47 | 14°46 | 19°14 | 2°32 | 2°21 | 5°10 | 27°29 | 7°51 | 2°15 | 18° 6 | 27° 9 | 28°56 | 19°50 | 14° 6 | M 6 |
| T 7 | 15 3 6 | 17°35'40 | 27° 2 | 20°24 | 3°39 | 3° 2 | 5°22 | 27°37 | 7°51 | 2°15 | 18° 4 | 27°11 | 28°53 | 19°57 | 14° 9 | T 7 |
| W 8 | 15 7 2 | 18°34'31 | 9 Ω 36 | 21°36 | 4°47 | 3°43 | 5°33 | 27°44 | 7°50 | 2°14 | 18° 2 | 27°12 | 28°50 | 20° 3 | 14°13 | W 8 |
| T 9 | 15 10 59 | 19°33'20 | 22°31 | 22°50 | 5°55 | 4°25 | 5°45 | 27°52 | 7°50 | 2°14 | 18° 0 | 27°R13 | 28°47 | 20°10 | 14°17 | T 9 |
| F 10 | 15 14 55 | 20°32'06 | 5 m 52 | 24° 6 | 7° 3 | 5° 6 | 5°57 | 27°59 | 7°50 | 2°14 | 17°59 | 27°12 | 28°44 | 20°17 | 14°20 | F 10 |
| S 11 | 15 18 52 | 21°30'50 | 19°40 | 25°25 | 8°11 | 5°48 | 6° 8 | 28° 7 | 7°49 | 2°14 | 17°57 | 27° 9 | 28°41 | 20°23 | 14°24 | S 11 |
| S 12 | 15 22 48 | 22°29'32 | 3 ≙ 57 | 26°45 | 9°19 | 6°29 | 6°20 | 28°14 | 7°49 | 2°14 | 17°55 | 27° 5 | 28°37 | 20°30 | 14°27 | S 12 |
| M13 | 15 26 45 | 23°28'12 | 18°39 | 28° 8 | 10°27 | 7°11 | 6°32 | 28°22 | 7°49 | 2°13 | 17°54 | 27° 0 | 28°34 | 20°37 | 14°31 | M13 |
| T 14 | 15 30 41 | 24°26'50 | 3 M .42 | 29°32 | 11°35 | 7°52 | 6°44 | 28°30 | 7°49 | 2°13 | 17°52 | 26°55 | 28°31 | 20°43 | 14°35 | T 14 |
| W15 | 15 34 38 | 25°25'26 | 18°56 | 0 8 59 | 12°43 | 8°33 | 6°56 | 28°37 | 7°D49 | 2°13 | 17°50 | 26°51 | 28°28 | 20°50 | 14°38 | W15 |
| T 16 | 15 38 35 | 26°24'00 | 4 ₹ 11 | 2°27 | 13°52 | 9°15 | 7° 8 | 28°45 | 7°49 | 2°12 | 17°49 | 26°48 | 28°25 | 20°57 | 14°42 | T 16 |
| F 17 | 15 42 31 | 27°22'33 | 19°17 | 3°57 | 15° 0 | 9°56 | 7°20 | 28°52 | 7°49 | 2°12 | 17°47 | 26°47 | 28°22 | 21° 3 | 14°45 | F 17 |
| S 18 | 15 46 28 | 28°21'04 | 4궁 6 | 5°29 | 16° 9 | 10°38 | 7°32 | 29° 0 | 7°49 | 2°11 | 17°45 | 26°D47 | 28°18 | 21°10 | 14°49 | S 18 |
| S 19 | 15 50 24 | 29°19'33 | 18°32 | 7° 3 | 17°18 | 11°19 | 7°45 | 29° 7 | 7°50 | 2°11 | 17°44 | 26°48 | 28°15 | 21°17 | 14°52 | S 19 |
| M20 | 15 54 21 | 0 Ⅱ 18'00 | 2≈31 | 8°38 | 18°27 | 12° 0 | 7°57 | 29°15 | 7°50 | 2°10 | 17°42 | 26°50 | 28°12 | 21°23 | 14°56 | M20 |
| T 21 | 15 58 17 | 1°16'26 | 16° 3 | 10°16 | 19°36 | 12°42 | 8°10 | 29°23 | 7°50 | 2°10 | 17°40 | 26°51 | 28° 9 | 21°30 | 14°59 | T 21 |
| W22 | 16 2 14 | 2°14'51 | 29°10 | 11°55 | 20°45 | 13°23 | 8°22 | 29°30 | 7°51 | 2° 9 | 17°39 | 26°R52 | 28° 6 | 21°37 | 15° 3 | W22 |
| T 23 | 16 611 | 3°13'14 | 11 米 55 | 13°36 | 21°54 | 14° 4 | 8°35 | 29°38 | 7°51 | 2° 8 | 17°37 | 26°51 | 28° 2 | 21°43 | 15° 6 | T 23 |
| F 24 | 16 10 7 | 4°11'35 | 24°22 | 15°19 | 23° 3 | 14°45 | 8°47 | 29°45 | 7°52 | 2° 8 | 17°35 | 26°50 | 27°59 | 21°50 | 15°10 | F 24 |
| S 25 | 16 14 4 | 5° 9'55 | 6 Ƴ 35 | 17° 3 | 24°13 | 15°27 | 9° 0 | 29°53 | 7°52 | 2° 7 | 17°34 | 26°48 | 27°56 | 21°57 | 15°13 | S 25 |
| S 26 | 16 18 0 | 6° 8'14 | 18°36 | 18°50 | 25°22 | 16° 8 | 9°13 | 0耳 1 | 7°53 | 2° 6 | 17°32 | 26°45 | 27°53 | 22° 3 | 15°17 | S 26 |
| M27 | 16 21 57 | 7° 6'31 | 0831 | 20°38 | 26°32 | 16°49 | 9°25 | 0° 8 | 7°53 | 2° 6 | 17°31 | 26°42 | 27°50 | 22°10 | 15°20 | M27 |
| T 28 | 16 25 53 | 8° 4'46 | 12°21 | 22°28 | 27°41 | 17°30 | 9°38 | 0°16 | 7°54 | 2° 5 | 17°29 | 26°38 | 27°47 | 22°17 | 15°24 | T 28 |
| W29 | 16 29 50 | 9° 3'00 | 24° 9 | 24°20 | 28°51 | 18°11 | 9°51 | 0°23 | 7°55 | 2° 4 | 17°28 | 26°36 | 27°43 | 22°23 | 15°27 | W29 |
| T 30 | 16 33 46 | 10° 1'13 | 5 Ⅱ 58 | 26°14 | 08 0 | 18°53 | 10° 4 | 0°31 | 7°56 | 2° 3 | 17°26 | 26°34 | 27°40 | 22°30 | 15°30 | T 30 |
| F 31 | 16 37 43 | 10 Ⅱ 59'24 | 17 Ⅱ 50 | 28810 | 1810 | 19) 34 | 109517 | 0Д38 | 7 m 56 | 2≈ 3 | 17 M 25 | 26耳33 | 27 II 37 | 22 8 37 | 15 8 34 | F 31 |

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|------|----------|--------------------|----------------|--------------|---------------|----------------|--------|---------------|---------------|-------|-----------------|--------|----------------|----------------|----------------|------|
| S 1 | 16 41 40 | 11 II 57'33 | 29 Ⅱ 47 | 0 I 7 | 2 8 20 | 20 ∺ 15 | 10930 | 0 Ⅱ 46 | 7 m 57 | 2°R 2 | 17°R23 | 26°D33 | 27 Ⅲ 34 | 22 8 43 | 15 8 37 | S 1 |
| S 2 | 16 45 36 | 12°55'41 | 11951 | 2° 6 | 3°30 | 20°56 | 10°43 | 0°53 | 7°58 | 2≈ 1 | 17 M 22 | 26耳33 | 27°31 | 22°50 | 15°40 | S 2 |
| M 3 | 16 49 33 | 13°53'47 | 24° 5 | 4° 7 | 4°40 | 21°37 | 10°56 | 1° 1 | 7°59 | 2° 0 | 17°20 | 26°34 | 27°28 | 22°57 | 15°44 | M 3 |
| T 4 | 16 53 29 | 14°51'51 | 6 Ω 30 | 6°10 | 5°50 | 22°18 | 11° 9 | 1°8 | 8° 0 | 1°59 | 17°19 | 26°35 | 27°24 | 23° 3 | 15°47 | T 4 |
| W 5 | 16 57 26 | 15°49'53 | 19°11 | 8°14 | 7° 0 | 22°58 | 11°22 | 1°16 | 8° 1 | 1°58 | 17°17 | 26°36 | 27°21 | 23°10 | 15°50 | W 5 |
| T 6 | 17 1 22 | 16°47'54 | 2MD 9 | 10°20 | 8°10 | 23°39 | 11°36 | 1°23 | 8° 3 | 1°57 | 17°16 | 26°37 | 27°18 | 23°17 | 15°53 | T 6 |
| F 7 | 17 5 19 | 17°45'53 | 15°28 | 12°27 | 9°20 | 24°20 | 11°49 | 1°31 | 8° 4 | 1°56 | 17°14 | 26°R37 | 27°15 | 23°23 | 15°57 | F 7 |
| S 8 | 17 9 15 | 18°43'50 | 29° 9 | 14°35 | 10°30 | 25° 1 | 12° 2 | 1°38 | 8° 5 | 1°55 | 17°13 | 26°37 | 27°12 | 23°30 | 16° 0 | S 8 |
| S 9 | 17 13 12 | 19°41'45 | 13 ≏ 13 | 16°45 | 11°41 | 25°41 | 12°16 | 1°45 | 8° 6 | 1°54 | 17°12 | 26°37 | 27° 8 | 23°37 | 16° 3 | S 9 |
| M10 | 17 17 9 | 20°39'38 | 27°40 | 18°55 | 12°51 | 26°22 | 12°29 | 1°53 | 8° 8 | 1°53 | 17°10 | 26°36 | 27° 5 | 23°43 | 16° 6 | M10 |
| T 11 | 17 21 5 | 21°37'30 | 12 M 25 | 21° 6 | 14° 1 | 27° 3 | 12°42 | 2° 0 | 8° 9 | 1°52 | 17° 9 | 26°36 | 27° 2 | 23°50 | 16° 9 | T 11 |
| W12 | 17 25 2 | 22°35'21 | 27°23 | 23°18 | 15°12 | 27°43 | 12°56 | 2° 7 | 8°11 | 1°50 | 17° 8 | 26°35 | 26°59 | 23°57 | 16°12 | W12 |
| T 13 | 17 28 58 | 23°33'09 | 12 × 26 | 25°30 | 16°22 | 28°24 | 13° 9 | 2°15 | 8°12 | 1°49 | 17° 6 | 26°35 | 26°56 | 24° 3 | 16°15 | T 13 |
| F 14 | 17 32 55 | 24°30'57 | 27°27 | 27°42 | 17°33 | 29° 4 | 13°23 | 2°22 | 8°14 | 1°48 | 17° 5 | 26°D35 | 26°53 | 24°10 | 16°18 | F 14 |
| S 15 | 17 36 51 | 25°28'43 | 12 3 15 | 29°53 | 18°43 | 29°45 | 13°36 | 2°29 | 8°15 | 1°47 | 17° 4 | 26°35 | 26°49 | 24°17 | 16°21 | S 15 |
| S 16 | 17 40 48 | 26°26'28 | 26°45 | 295 4 | 19°54 | 0 Υ 25 | 13°50 | 2°36 | 8°17 | 1°46 | 17° 3 | 26°R35 | 26°46 | 24°23 | 16°24 | S 16 |
| M17 | 17 44 44 | 27°24'12 | 10≈51 | 4°14 | 21° 5 | 1° 5 | 14° 3 | 2°43 | 8°19 | 1°44 | 17° 1 | 26°35 | 26°43 | 24°30 | 16°27 | M17 |
| T 18 | 17 48 41 | 28°21'55 | 24°32 | 6°22 | 22°15 | 1°46 | 14°17 | 2°51 | 8°21 | 1°43 | 17° 0 | 26°35 | 26°40 | 24°37 | 16°30 | T 18 |
| W19 | 17 52 38 | 29°19'37 | 7) €46 | 8°29 | 23°26 | 2°26 | 14°30 | 2°58 | 8°22 | 1°42 | 16°59 | 26°35 | 26°37 | 24°43 | 16°33 | W19 |
| T 20 | 17 56 34 | 09517'18 | 20°36 | 10°35 | 24°37 | 3° 6 | 14°44 | 3° 5 | 8°24 | 1°41 | 16°58 | 26°34 | 26°34 | 24°50 | 16°36 | T 20 |
| F 21 | 18 0 31 | 1°14'58 | 3 ℃ 5 | 12°39 | 25°48 | 3°46 | 14°58 | 3°12 | 8°26 | 1°39 | 16°57 | 26°D34 | 26°30 | 24°57 | 16°39 | F 21 |
| S 22 | 18 4 27 | 2°12'37 | 15°18 | 14°41 | 26°59 | 4°26 | 15°11 | 3°19 | 8°28 | 1°38 | 16°56 | 26°34 | 26°27 | 25° 3 | 16°41 | S 22 |
| S 23 | 18 8 24 | 3°10'15 | 27°18 | 16°40 | 28°10 | 5° 6 | 15°25 | 3°26 | 8°30 | 1°36 | 16°55 | 26°35 | 26°24 | 25°10 | 16°44 | S 23 |
| M24 | 18 12 20 | 4° 7'53 | 9 8 10 | 18°38 | 29°21 | 5°46 | 15°39 | 3°33 | 8°32 | 1°35 | 16°54 | 26°36 | 26°21 | 25°17 | 16°47 | M24 |
| T 25 | 18 16 17 | 5° 5'29 | 20°59 | 20°32 | 0 Ⅲ 32 | 6°26 | 15°53 | 3°40 | 8°34 | 1°34 | 16°53 | 26°36 | 26°18 | 25°23 | 16°50 | T 25 |
| W26 | 18 20 13 | 6° 3'05 | 2 Ⅱ 47 | 22°25 | 1°43 | 7° 5 | 16° 6 | 3°46 | 8°36 | 1°32 | 16°52 | 26°37 | 26°14 | 25°30 | 16°52 | W26 |
| T 27 | 18 24 10 | 7° 0'40 | 14°40 | 24°15 | 2°54 | 7°45 | 16°20 | 3°53 | 8°38 | 1°31 | 16°51 | 26°38 | 26°11 | 25°37 | 16°55 | T 27 |
| F 28 | 18 28 7 | 7°58'14 | 26°38 | 26° 2 | 4° 5 | 8°24 | 16°34 | 4° 0 | 8°41 | 1°29 | 16°50 | 26°R38 | 26° 8 | 25°43 | 16°57 | F 28 |
| S 29 | 18 32 3 | 8°55'47 | 8 9 45 | 27°47 | 5°16 | 9° 4 | 16°48 | 4° 7 | 8°43 | 1°28 | 16°49 | 26°38 | 26° 5 | 25°50 | 17° 0 | S 29 |
| S 30 | 18 36 0 | 9953'20 | 2195 2 | 299529 | 6 Ⅱ 27 | 9 Υ 43 | 1795 1 | 4 Ⅱ 13 | 8 m 45 | 1≈26 | 16 M .48 | 26耳37 | 26耳 2 | 25 8 57 | 17 8 2 | S 30 |

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| M 1 | 18 39 56 | 10950'51 | 3 Ω 31 | 1 0 8 | 7 Ⅲ 39 | 10 Y 22 | 179915 | 4 Ⅱ 20 | 8 m)47 | 1°R25 | 16°R47 | 26°R35 | 25耳59 | 26 8 3 | 17 8 5 | M 1 |
| T 2 | 18 43 53 | 11°48'21 | 16°14 | 2°45 | 8°50 | 11° 2 | 17°29 | 4°27 | 8°50 | 1≈24 | 16 M 47 | 26耳33 | 25°55 | 26°10 | 17° 7 | T 2 |
| W 3 | 18 47 49 | 12°45'51 | 29°10 | 4°19 | 10° 1 | 11°41 | 17°43 | 4°33 | 8°52 | 1°22 | 16°46 | 26°31 | 25°52 | 26°17 | 17°10 | W 3 |
| T 4 | 18 51 46 | 13°43'19 | 12 m 20 | 5°50 | 11°13 | 12°19 | 17°57 | 4°40 | 8°55 | 1°20 | 16°45 | 26°29 | 25°49 | 26°23 | 17°12 | T 4 |
| F 5 | 18 55 43 | 14°40'46 | 25°46 | 7°19 | 12°24 | 12°58 | 18°11 | 4°46 | 8°57 | 1°19 | 16°44 | 26°28 | 25°46 | 26°30 | 17°14 | F 5 |
| S 6 | 18 59 39 | 15°38'12 | 9 ≏ 28 | 8°44 | 13°36 | 13°37 | 18°24 | 4°53 | 9° 0 | 1°17 | 16°44 | 26°D27 | 25°43 | 26°37 | 17°16 | S 6 |
| S 7 | 19 3 36 | 16°35'37 | 23°26 | 10° 7 | 14°47 | 14°15 | 18°38 | 4°59 | 9° 2 | 1°16 | 16°43 | 26°27 | 25°40 | 26°43 | 17°19 | S 7 |
| M 8 | 19 7 32 | 17°33'01 | 7 M 38 | 11°27 | 15°59 | 14°54 | 18°52 | 5° 5 | 9° 5 | 1°14 | 16°42 | 26°28 | 25°36 | 26°50 | 17°21 | M 8 |
| T 9 | 19 11 29 | 18°30'24 | 22° 3 | 12°44 | 17°10 | 15°32 | 19° 6 | 5°11 | 9° 8 | 1°13 | 16°42 | 26°29 | 25°33 | 26°57 | 17°23 | T 9 |
| W10 | 19 15 25 | 19°27'47 | 6 ₹ 39 | 13°58 | 18°22 | 16°10 | 19°20 | 5°18 | 9°10 | 1°11 | 16°41 | 26°30 | 25°30 | 27° 3 | 17°25 | W10 |
| T 11 | 19 19 22 | 20°25'08 | 2 <u>1</u> °20 | 15° 9 | 19°33 | 16°49 | 19°34 | 5°24 | 9°13 | 1°10 | 16°41 | 26°R31 | 25°27 | 27°10 | 17°27 | T 11 |
| F 12 | 19 23 18 | 21°22'29 | 6 ප 0 | 16°17 | 20°45 | 17°27 | 19°47 | 5°30 | 9°16 | 1° 8 | 16°40 | 26°31 | 25°24 | 27°17 | 17°29 | F 12 |
| S 13 | 19 27 15 | 22°19'49 | 20°34 | 17°21 | 21°57 | 18° 4 | 20° 1 | 5°36 | 9°18 | 1° 6 | 16°40 | 26°29 | 25°20 | 27°23 | 17°31 | S 13 |
| S 14 | 19 31 12 | 23°17'09 | 4≈54 | 18°23 | 23° 8 | 18°42 | 20°15 | 5°42 | 9°21 | 1° 5 | 16°39 | 26°27 | 25°17 | 27°30 | 17°33 | S 14 |
| M15 | 19 35 8 | 24°14'28 | 18°56 | 19°21 | 24°20 | 19°20 | 20°29 | 5°48 | 9°24 | 1° 3 | 16°39 | 26°23 | 25°14 | 27°37 | 17°35 | M15 |
| T 16 | 19 39 5 | 25°11'47 | 2) (37 | 20°16 | 25°32 | 19°57 | 20°43 | 5°54 | 9°27 | 1° 2 | 16°39 | 26°19 | 25°11 | 27°43 | 17°37 | T 16 |
| W17 | 19 43 1 | 26° 9'05 | 15°53 | 21° 7 | 26°44 | 20°34 | 20°56 | 5°59 | 9°30 | 1° 0 | 16°38 | 26°14 | 25° 8 | 27°50 | 17°38 | W17 |
| T 18 | 19 46 58 | 27° 6'24 | 28°46 | 21°55 | 27°55 | 21°12 | 21°10 | 6° 5 | 9°33 | 0°58 | 16°38 | 26°11 | 25° 5 | 27°57 | 17°40 | T 18 |
| F 19 | 19 50 54 | 28° 3'42 | 11 Y 18 | 22°39 | 29° 7 | 21°49 | 21°24 | 6°11 | 9°36 | 0°57 | 16°38 | 26° 8 | 25° 1 | 28° 3 | 17°42 | F 19 |
| S 20 | 19 54 51 | 29° 1'00 | 23°32 | 23°19 | 0919 | 22°25 | 21°38 | 6°16 | 9°39 | 0°55 | 16°38 | 26° 7 | 24°58 | 28°10 | 17°44 | S 20 |
| S 21 | 19 58 47 | 29°58'18 | 5 8 33 | 23°55 | 1°31 | 23° 2 | 21°52 | 6°22 | 9°42 | 0°54 | 16°37 | 26°D 7 | 24°55 | 28°17 | 17°45 | S 21 |
| M22 | 20 2 44 | 0 £ 55'36 | 17°25 | 24°28 | 2°43 | 23°38 | 22° 5 | 6°27 | 9°45 | 0°52 | 16°37 | 26° 8 | 24°52 | 28°23 | 17°47 | M22 |
| T 23 | 20 641 | 1°52'54 | 29°14 | 24°56 | 3°55 | 24°15 | 22°19 | 6°33 | 9°48 | 0°50 | 16°37 | 26°10 | 24°49 | 28°30 | 17°48 | T 23 |
| W24 | 20 10 37 | 2°50'12 | 11 II 5 | 25°19 | 5° 7 | 24°51 | 22°33 | 6°38 | 9°51 | 0°49 | 16°37 | 26°11 | 24°46 | 28°37 | 17°50 | W24 |
| T 25 | 20 14 34 | 3°47'30 | 23° 1 | 25°39 | 6°20 | 25°27 | 22°46 | 6°43 | 9°54 | 0°47 | 16°37 | 26°R12 | 24°42 | 28°43 | 17°51 | T 25 |
| F 26 | 20 18 30 | 4°44'49 | 595 6 | 25°54 | 7°32 | 26° 3 | 23° 0 | 6°49 | 9°58 | 0°45 | 16°D37 | 26°12 | 24°39 | 28°50 | 17°52 | F 26 |
| S 27 | 20 22 27 | 5°42'07 | 17°24 | 26° 4 | 8°44 | 26°38 | 23°14 | 6°54 | 10° 1 | 0°44 | 16°37 | 26°10 | 24°36 | 28°57 | 17°54 | S 27 |
| S 28 | 20 26 23 | 6°39'25 | 29°57 | 26°10 | 9°56 | 27°13 | 23°27 | 6°59 | 10° 4 | 0°42 | 16°37 | 26° 6 | 24°33 | 29° 3 | 17°55 | S 28 |
| M29 | 20 30 20 | 7°36'43 | 12 Ω 45 | 26°R11 | 11°8 | 27°48 | 23°41 | 7° 4 | 10° 7 | 0°41 | 16°37 | 26° 0 | 24°30 | 29°10 | 17°56 | M29 |
| T 30 | 20 34 17 | 8°34'01 | 25°49 | 26° 7 | 12°21 | 28°23 | 23°55 | 7° 9 | 10°10 | 0°39 | 16°37 | 25°54 | 24°26 | 29°17 | 17°57 | T 30 |
| W31 | 20 38 13 | 9 Ω 31'19 | 9 m) 7 | 25 Ω 58 | 13933 | 28 Y 58 | 2495 8 | 7 Ⅱ 14 | 10 M)14 | 0≈37 | 16 M 37 | 25 Ⅱ 46 | 24∏23 | 29 8 23 | 17 8 58 | W31 |

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| Day | Sid.t | 0 | D | ğ | Ş | o ⁷ | 4 | ħ |)ф(| ¥ | В | ₽. | v | Ç | Ŷ, | Day |
| T 1 | 20 42 10 | 10 Ω 28'37 | 22 m 39 | 25°R45 | 149645 | 29 Y 32 | 249522 | 7 Ⅱ 18 | 10 m)17 | 0°R36 | 16 M .38 | 25°R39 | 24∏20 | 29830 | 17 8 59 | T 1 |
| F 2 | 20 46 6 | 11°25'55 | 6 ₽ 22 | 25 Ω 28 | 15°58 | 08 7 | 24°35 | 7°23 | 10°20 | 0≈34 | 16°38 | 25 Ⅲ 34 | 24°17 | 29°37 | 18° 0 | F 2 |
| S 3 | 20 50 3 | 12°23'12 | 20°15 | 25° 6 | 17°10 | 0°41 | 24°49 | 7°28 | 10°24 | 0°33 | 16°38 | 25°30 | 24°14 | 29°43 | 18° 1 | S 3 |
| S 4 | 20 53 59 | 13°20'30 | 4 M .15 | 24°41 | 18°22 | 1°14 | 25° 2 | 7°32 | 10°27 | 0°31 | 16°38 | 25°28 | 24°11 | 29°50 | 18° 2 | S 4 |
| M 5 | 20 57 56 | 14°17'47 | 18°22 | 24°11 | 19°35 | 1°48 | 25°15 | 7°37 | 10°31 | 0°29 | 16°39 | 25°D27 | 24° 7 | 29°57 | 18° 3 | M 5 |
| T 6 | 21 1 52 | 15°15'04 | 2 , ₹34 | 23°39 | 20°47 | 2°21 | 25°29 | 7°41 | 10°34 | 0°28 | 16°39 | 25°28 | 24° 4 | 0 Ⅱ 3 | 18° 4 | T 6 |
| W 7 | 21 5 49 | 16°12'21 | 16°49 | 23° 3 | 22° 0 | 2°54 | 25°42 | 7°45 | 10°38 | 0°26 | 16°39 | 25°29 | 24° 1 | 0°10 | 18° 5 | W 7 |
| T 8 | 21 9 45 | 17° 9'38 | 1る 5 | 22°25 | 23°13 | 3°27 | 25°55 | 7°50 | 10°41 | 0°25 | 16°40 | 25°R29 | 23°58 | 0°17 | 18° 5 | T 8 |
| F 9 | 21 13 42 | 18° 6'56 | 15°20 | 21°46 | 24°25 | 3°59 | 26° 9 | 7°54 | 10°45 | 0°23 | 16°40 | 25°28 | 23°55 | 0°23 | 18° 6 | F 9 |
| S 10 | 21 17 39 | 19° 4'13 | 29°30 | 21° 5 | 25°38 | 4°31 | 26°22 | 7°58 | 10°48 | 0°22 | 16°41 | 25°24 | 23°52 | 0°30 | 18° 6 | S 10 |
| S 11 | 21 21 35 | 20° 1'31 | 13 ≈ 30 | 20°24 | 26°50 | 5° 3 | 26°35 | 8° 2 | 10°52 | 0°20 | 16°41 | 25°18 | 23°48 | 0°37 | 18° 7 | S 11 |
| M12 | 21 25 32 | 20°58'48 | 27°16 | 19°44 | 28° 3 | 5°34 | 26°48 | 8° 6 | 10°55 | 0°19 | 16°42 | 25°10 | 23°45 | 0°43 | 18° 7 | M12 |
| T 13 | 21 29 28 | 21°56'07 | 10) (46 | 19° 4 | 29°16 | 6° 6 | 27° 1 | 8° 9 | 10°59 | 0°17 | 16°42 | 25° 0 | 23°42 | 0°50 | 18° 8 | T 13 |
| W14 | 21 33 25 | 22°53'25 | 23°56 | 18°27 | $0\Omega^{29}$ | 6°37 | 27°14 | 8°13 | 11° 2 | 0°16 | 16°43 | 24°51 | 23°39 | 0°57 | 18° 8 | W14 |
| T 15 | 21 37 21 | 23°50'44 | 6 Υ 46 | 17°52 | 1°41 | 7° 7 | 27°28 | 8°17 | 11° 6 | 0°14 | 16°44 | 24°42 | 23°36 | 1° 3 | 18° 9 | T 15 |
| F 16 | 21 41 18 | 24°48'04 | 19°16 | 17°20 | 2°54 | 7°37 | 27°40 | 8°20 | 11° 9 | 0°13 | 16°44 | 24°35 | 23°32 | 1°10 | 18° 9 | F 16 |
| S 17 | 21 45 14 | 25°45'25 | 1830 | 16°52 | 4° 7 | 8° 7 | 27°53 | 8°24 | 11°13 | 0°11 | 16°45 | 24°30 | 23°29 | 1°16 | 18° 9 | S 17 |
| S 18 | 21 49 11 | 26°42'47 | 13°31 | 16°28 | 5°20 | 8°37 | 28° 6 | 8°27 | 11°17 | 0°10 | 16°46 | 24°27 | 23°26 | 1°23 | 18° 9 | S 18 |
| M19 | 21 53 8 | 27°40'09 | 25°23 | 16° 9 | 6°33 | 9° 6 | 28°19 | 8°30 | 11°20 | 0° 9 | 16°47 | 24°D26 | 23°23 | 1°30 | 18° 9 | M19 |
| T 20 | 21 57 4 | 28°37'33 | 7 Ⅱ 12 | 15°55 | 7°46 | 9°35 | 28°32 | 8°33 | 11°24 | 0° 7 | 16°47 | 24°26 | 23°20 | 1°36 | 18°R 9 | T 20 |
| W21 | 22 1 1 | 29°34'57 | 19° 3 | 15°46 | 8°59 | 10° 4 | 28°45 | 8°37 | 11°28 | 0° 6 | 16°48 | 24°R27 | 23°17 | 1°43 | 18° 9 | W21 |
| T 22 | 22 4 57 | 0 Mp 32'22 | 195 2 | 15°D44 | 10°12 | 10°32 | 28°57 | 8°40 | 11°31 | 0° 5 | 16°49 | 24°27 | 23°13 | 1°50 | 18° 9 | T 22 |
| F 23 | 22 8 54 | 1°29'48 | 13°12 | 15°48 | 11°25 | 10°59 | 29°10 | 8°42 | 11°35 | 0° 3 | 16°50 | 24°25 | 23°10 | 1°56 | 18° 9 | F 23 |
| S 24 | 22 12 50 | 2°27'15 | 25°39 | 15°58 | 12°38 | 11°27 | 29°23 | 8°45 | 11°39 | 0° 2 | 16°51 | 24°21 | 23° 7 | 2° 3 | 18° 9 | S 24 |
| S 25 | 22 16 47 | 3°24'43 | 8 Ω 24 | 16°14 | 13°52 | 11°53 | 29°35 | 8°48 | 11°42 | 0° 1 | 16°52 | 24°15 | 23° 4 | 2°10 | 18° 9 | S 25 |
| M26 | 22 20 43 | 4°22'12 | 21°30 | 16°37 | 15° 5 | 12°20 | 29°48 | 8°51 | 11°46 | 29 궁 59 | 16°53 | 24° 6 | 23° 1 | 2°16 | 18° 8 | M26 |
| T 27 | 22 24 40 | 5°19'42 | 4 Mp 56 | 17° 6 | 16°18 | 12°46 | 0Ω 0 | 8°53 | 11°50 | 29°58 | 16°54 | 23°55 | 22°57 | 2°23 | 18° 8 | T 27 |
| W28 | 22 28 37 | 6°17'12 | 18°39 | 17°42 | 17°31 | 13°11 | 0°13 | 8°55 | 11°53 | 29°57 | 16°55 | 23°44 | 22°54 | 2°30 | 18° 8 | W28 |
| T 29 | 22 32 33 | 7°14'44 | 2 ≏ 37 | 18°24 | 18°45 | 13°36 | 0°25 | 8°58 | 11°57 | 29°56 | 16°56 | 23°33 | 22°51 | 2°36 | 18° 7 | T 29 |
| F 30 | 22 36 30 | 8°12'16 | 16°44 | 19°12 | 19°58 | 14° 1 | 0°37 | 9° 0 | 12° 1 | 29°54 | 16°57 | 23°24 | 22°48 | 2°43 | 18° 7 | F 30 |
| S 31 | 22 40 26 | 9 m) 9'48 | 0 ™ 57 | 20 N 7 | 21 Q 11 | 14825 | 0 Ω 49 | 9 I I 2 | 12 Mp 5 | 29 る 53 | 16 M 59 | 23 I I17 | 22 Ⅱ 45 | 2耳50 | 18 8 6 | S 31 |

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| S 1 | 22 44 23 | 10 mg 7'22 | 15 M .11 | 218 8 | 22 Ω 25 | 14849 | 10 1 | 9 I I 4 | 12 Mp 8 | 29°R52 | 17 M 0 | 23°R13 | 22 Ⅱ 42 | 2Д56 | 18°R 6 | S 1 |
| M 2 | 22 48 19 | 11° 4'56 | 29°23 | 22°15 | 23°38 | 15°12 | 1°13 | 9° 6 | 12°12 | 29 궁 51 | 17° 1 | 23 I I11 | 22°38 | 3° 3 | 18 8 5 | M 2 |
| T 3 | 22 52 16 | 12° 2'31 | 13 ~ 31 | 23°27 | 24°52 | 15°34 | 1°25 | 9°8 | 12°16 | 29°50 | 17° 2 | 23°D10 | 22°35 | 3°10 | 18° 4 | T 3 |
| W 4 | 22 56 12 | 13° 0'07 | 27°35 | 24°45 | 26° 5 | 15°56 | 1°37 | 9°10 | 12°19 | 29°49 | 17° 4 | 23°R10 | 22°32 | 3°16 | 18° 4 | W 4 |
| T 5 | 23 0 9 | 13°57'44 | 11 る 33 | 26° 9 | 27°19 | 16°18 | 1°49 | 9°11 | 12°23 | 29°48 | 17° 5 | 23°10 | 22°29 | 3°23 | 18° 3 | T 5 |
| F 6 | 23 4 6 | 14°55'21 | 25°26 | 27°37 | 28°32 | 16°39 | 2° 1 | 9°13 | 12°27 | 29°47 | 17° 6 | 23° 7 | 22°26 | 3°30 | 18° 2 | F 6 |
| S 7 | 23 8 2 | 15°53'00 | 9≈10 | 29°11 | 29°46 | 16°59 | 2°13 | 9°14 | 12°31 | 29°46 | 17° 8 | 23° 1 | 22°23 | 3°36 | 18° 1 | S 7 |
| S 8 | 23 11 59 | 16°50'39 | 22°46 | 0 m /48 | 1 Mp 0 | 17°19 | 2°24 | 9°15 | 12°34 | 29°45 | 17° 9 | 22°53 | 22°19 | 3°43 | 18° 0 | S 8 |
| M 9 | 23 15 55 | 17°48'19 | 6 ∺ 10 | 2°30 | 2°13 | 17°38 | 2°36 | 9°17 | 12°38 | 29°44 | 17°10 | 22°42 | 22°16 | 3°50 | 17°59 | M 9 |
| T 10 | 23 19 52 | 18°46'00 | 19°21 | 4°15 | 3°27 | 17°57 | 2°47 | 9°18 | 12°42 | 29°43 | 17°12 | 22°29 | 22°13 | 3°56 | 17°58 | T 10 |
| W11 | 23 23 48 | 19°43'43 | 2 Υ 16 | 6° 3 | 4°41 | 18°15 | 2°59 | 9°19 | 12°45 | 29°42 | 17°13 | 22°17 | 22°10 | 4° 3 | 17°57 | W11 |
| T 12 | 23 27 45 | 20°41'26 | 14°56 | 7°54 | 5°54 | 18°32 | 3°10 | 9°20 | 12°49 | 29°41 | 17°15 | 22° 4 | 22° 7 | 4° 9 | 17°56 | T 12 |
| F 13 | 23 31 41 | 21°39'12 | 27°19 | 9°47 | 7° 8 | 18°49 | 3°21 | 9°20 | 12°53 | 29°40 | 17°16 | 21°54 | 22° 3 | 4°16 | 17°54 | F 13 |
| S 14 | 23 35 38 | 22°36'58 | 9829 | 11°43 | 8°22 | 19° 5 | 3°32 | 9°21 | 12°57 | 29°39 | 17°18 | 21°46 | 22° 0 | 4°23 | 17°53 | S 14 |
| S 15 | 23 39 35 | 23°34'46 | 21°27 | 13°39 | 9°36 | 19°20 | 3°43 | 9°22 | 13° 0 | 29°39 | 17°20 | 21°41 | 21°57 | 4°29 | 17°52 | S 15 |
| M16 | 23 43 31 | 24°32'36 | 3 Ⅲ 18 | 15°37 | 10°50 | 19°35 | 3°54 | 9°22 | 13° 4 | 29°38 | 17°21 | 21°39 | 21°54 | 4°36 | 17°51 | M16 |
| T 17 | 23 47 28 | 25°30'28 | 15° 6 | 17°36 | 12° 4 | 19°49 | 4° 5 | 9°23 | 13° 8 | 29°37 | 17°23 | 21°38 | 21°51 | 4°43 | 17°49 | T 17 |
| W18 | 23 51 24 | 26°28'21 | 26°56 | 19°35 | 13°18 | 20° 3 | 4°16 | 9°23 | 13°11 | 29°36 | 17°25 | 21°38 | 21°48 | 4°49 | 17°48 | W18 |
| T 19 | 23 55 21 | 27°26'16 | 8 9 55 | 21°34 | 14°31 | 20°15 | 4°27 | 9°23 | 13°15 | 29°36 | 17°26 | 21°37 | 21°44 | 4°56 | 17°46 | T 19 |
| F 20 | 23 59 17 | 28°24'12 | 21° 7 | 23°33 | 15°45 | 20°27 | 4°37 | 9°R23 | 13°19 | 29°35 | 17°28 | 21°36 | 21°41 | 5° 3 | 17°45 | F 20 |
| S 21 | 0 3 14 | 29°22'10 | 3 Ω 36 | 25°32 | 17° 0 | 20°38 | 4°48 | 9°23 | 13°22 | 29°34 | 17°30 | 21°32 | 21°38 | 5° 9 | 17°43 | S 21 |
| S 22 | 0 7 10 | 0 ჲ 20'10 | 16°29 | 27°30 | 18°14 | 20°48 | 4°58 | 9°23 | 13°26 | 29°34 | 17°32 | 21°26 | 21°35 | 5°16 | 17°41 | S 22 |
| M23 | 0 11 7 | 1°18'12 | 29°45 | 29°28 | 19°28 | 20°58 | 5° 8 | 9°22 | 13°29 | 29°33 | 17°33 | 21°17 | 21°32 | 5°23 | 17°40 | M23 |
| T 24 | 0 15 4 | 2°16'15 | 13 m 26 | 1 ≏ 25 | 20°42 | 21° 7 | 5°19 | 9°22 | 13°33 | 29°33 | 17°35 | 21° 6 | 21°29 | 5°29 | 17°38 | T 24 |
| W25 | 0 19 0 | 3°14'19 | 27°30 | 3°21 | 21°56 | 21°15 | 5°29 | 9°22 | 13°37 | 29°32 | 17°37 | 20°55 | 21°25 | 5°36 | 17°36 | W25 |
| T 26 | 0 22 57 | 4°12'26 | 11 ≏ 52 | 5°16 | 23°10 | 21°22 | 5°39 | 9°21 | 13°40 | 29°32 | 17°39 | 20°43 | 21°22 | 5°43 | 17°35 | T 26 |
| F 27 | 0 26 53 | 5°10'34 | 26°25 | 7°10 | 24°24 | 21°28 | 5°49 | 9°20 | 13°44 | 29°31 | 17°41 | 20°34 | 21°19 | 5°49 | 17°33 | F 27 |
| S 28 | 0 30 50 | 6° 8'43 | 11 m 2 | 9° 3 | 25°39 | 21°33 | 5°58 | 9°20 | 13°47 | 29°31 | 17°43 | 20°27 | 21°16 | 5°56 | 17°31 | S 28 |
| S 29 | 0 34 46 | 7° 6'54 | 25°38 | 10°55 | 26°53 | 21°38 | 6° 8 | 9°19 | 13°51 | 29°30 | 17°45 | 20°22 | 21°13 | 6° 2 | 17°29 | S 29 |
| M30 | 0 38 43 | 8 ₾ 5'06 | 10 ∡ 6 | 12 ≏ 45 | 28 M) 7 | 21842 | 6 Ω 18 | 9 Ⅱ 18 | 13 m 54 | 29 궁 30 | 17 M 47 | 20∏20 | 21耳 9 | 6耳 9 | 17 8 27 | M30 |

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| Day | Sid.t | 0 | D | ğ | Ş | ď | 4 | ħ |)∤(| ¥ | В | V. | v | Ç | ę, | Day |
| T 1 | 0 42 39 | 9 ₾ 3'20 | 24 × ⁷ 22 | 14 ₾ 35 | 29 m 21 | 21845 | 6 Ω 27 | 9°R17 | 13 m 58 | 29°R30 | 17 M .49 | 20°D20 | 21 I I 6 | 6 I I16 | 17°R25 | T 1 |
| W 2 | 0 46 36 | 10° 1'35 | 8 궁 27 | 16°23 | 0 ჲ 36 | 21°47 | 6°36 | 9 Ⅱ 15 | 14° 1 | 29 궁 29 | 17°51 | 20°R20 | 21° 3 | 6°22 | 17823 | W 2 |
| T 3 | 0 50 32 | 10°59'51 | 22°17 | 18°10 | 1°50 | 21°48 | 6°46 | 9°14 | 14° 5 | 29°29 | 17°53 | 20 II 20 | 21° 0 | 6°29 | 17°21 | T 3 |
| F 4 | 0 54 29 | 11°58'09 | 5 ≈ 55 | 19°57 | 3° 4 | 21°R48 | 6°55 | 9°13 | 14° 8 | 29°29 | 17°55 | 20°17 | 20°57 | 6°36 | 17°19 | F 4 |
| S 5 | 0 58 26 | 12°56'28 | 19°21 | 21°42 | 4°19 | 21°47 | 7° 4 | 9°11 | 14°11 | 29°29 | 17°57 | 20°13 | 20°54 | 6°42 | 17°17 | S 5 |
| S 6 | 1 2 22 | 13°54'49 | 2 ∺ 35 | 23°25 | 5°33 | 21°46 | 7°13 | 9° 9 | 14°15 | 29°29 | 17°59 | 20° 5 | 20°50 | 6°49 | 17°14 | S 6 |
| M 7 | 1 6 19 | 14°53'11 | 15°37 | 25° 8 | 6°48 | 21°44 | 7°21 | 9° 8 | 14°18 | 29°28 | 18° 1 | 19°56 | 20°47 | 6°56 | 17°12 | M 7 |
| T 8 | 1 10 15 | 15°51'35 | 28°26 | 26°50 | 8° 2 | 21°41 | 7°30 | 9° 6 | 14°21 | 29°28 | 18° 3 | 19°45 | 20°44 | 7° 2 | 17°10 | T 8 |
| W 9 | 1 14 12 | 16°50'00 | 11 ° 3 | 28°30 | 9°17 | 21°37 | 7°39 | 9° 4 | 14°25 | 29°28 | 18° 5 | 19°33 | 20°41 | 7° 9 | 17° 8 | W 9 |
| T 10 | 1 18 8 | 17°48'28 | 23°28 | 0ML10 | 10°31 | 21°32 | 7°47 | 9° 2 | 14°28 | 29°D28 | 18° 7 | 19°23 | 20°38 | 7°16 | 17° 5 | T 10 |
| F 11 | 1 22 5 | 18°46'57 | 5 8 41 | 1°48 | 11°46 | 21°26 | 7°55 | 9° 0 | 14°31 | 29°28 | 18° 9 | 19°14 | 20°34 | 7°22 | 17° 3 | F 11 |
| S 12 | 1 26 1 | 19°45'28 | 17°44 | 3°26 | 13° 0 | 21°19 | 8° 3 | 8°58 | 14°34 | 29°28 | 18°11 | 19° 7 | 20°31 | 7°29 | 17° 1 | S 12 |
| S 13 | 1 29 58 | 20°44'01 | 29°38 | 5° 2 | 14°15 | 21°12 | 8°11 | 8°55 | 14°38 | 29°28 | 18°14 | 19° 2 | 20°28 | 7°36 | 16°58 | S 13 |
| M14 | 1 33 55 | 21°42'36 | 11 II 26 | 6°38 | 15°29 | 21° 4 | 8°19 | 8°53 | 14°41 | 29°28 | 18°16 | 19° 0 | 20°25 | 7°42 | 16°56 | M14 |
| T 15 | 1 37 51 | 22°41'13 | 23°13 | 8°12 | 16°44 | 20°55 | 8°27 | 8°50 | 14°44 | 29°29 | 18°18 | 19°D 0 | 20°22 | 7°49 | 16°53 | T 15 |
| W16 | 1 41 48 | 23°39'52 | 599 2 | 9°46 | 17°58 | 20°45 | 8°34 | 8°48 | 14°47 | 29°29 | 18°20 | 19° 1 | 20°19 | 7°56 | 16°51 | W16 |
| T 17 | 1 45 44 | 24°38'33 | 16°59 | 11°18 | 19°13 | 20°34 | 8°42 | 8°45 | 14°50 | 29°29 | 18°22 | 19° 2 | 20°15 | 8° 2 | 16°48 | T 17 |
| F 18 S 19 | 1 49 41 | 25°37'17 26°36'02 | 29° 9 | 12°50 14°20 | 20°28 21°42 | 20°23 20°11 | 8°49 8°56 | 8°42 8°40 | 14°53 14°56 | 29°29 29°29 | 18°25 18°27 | 19°R 2 19° 1 | 20°12 20° 9 | 8° 9 8°15 | 16°46 16°43 | F 18 S 19 |
| | 1 53 37 | | 11 0 38 | | | | | | | | | | | | | |
| S 20 | 1 57 34 | 27°34'50 | 24°29 | 15°50 | 22°57 | 19°58 | 9° 3 | 8°37 | 14°59 | 29°30 | 18°29 | 18°57 | 20° 6 | 8°22 | 16°41 | S 20 |
| M21 | 2 1 30 | 28°33'40 | 7 m /46 | 17°19 | 24°12 | 19°44 | 9°10 | 8°34 | 15° 2 | 29°30 | 18°32 | 18°52 | 20° 3 | 8°29 | 16°38 | M21 |
| T 22 | 2 5 27 | 29°32'32 | 21°32 | 18°47 | 25°27 | 19°30 | 9°17 | 8°31 | 15° 5 | 29°30 | 18°34 | 18°45 | 20° 0 | 8°35 | 16°35 | T 22 |
| W23 | 2 9 24 | 0MJ31'26 | 5 Ω 44 | 20°14 | 26°41 | 19°15 19° 0 | 9°23 | 8°27 | 15° 8 | 29°31 | 18°36 | 18°38 | 19°56 | 8°42 | 16°33 | W23 |
| T 24 | 2 13 20 | 1°30'22 | 20°19 | 21°40 23° 5 | 27°56 | 19° 0 | 9°30 | 8°24 | 15°11 | 29°31 29°32 | 18°38 | 18°30 | 19°53 | 8°49 | 16°30 | T 24 |
| F 25 S 26 | 2 17 17 2 21 13 | 2°29'20 3°28'20 | 5 M .11 20°10 | 23° 5 24°29 | 29°11 0M26 | 18°44 18°27 | 9°36 9°42 | 8°21 8°17 | 15°14 15°16 | 29°32 29°32 | 18°41 18°43 | 18°23 18°19 | 19°50 19°47 | 8°55 9°2 | 16°27 16°25 | F 25 S 26 |
| | | | | _ | | | | | | | | | | - | | |
| S 27 | 2 25 10 | 4°27'23 | 5 ₹ 8 | 25°52 | 1°41 | 18°10 | 9°48 | 8°14 | 15°19 | 29°33 | 18°46 | 18°16 | 19°44 | 9° 9 | 16°22 | S 27 |
| M28 | 2 29 6 | 5°26'26 | 19°58 | 27°13 | 2°55 | 17°53 | 9°54 | 8°10 | 15°22 | 29°33 | 18°48 | 18°D15 | 19°40 | 9°15 | 16°19 | M28 |
| T 29 | 2 33 3 | 6°25'32 | 4 궁 32 | 28°34 | 4°10 | 17°35 | 9°59 | 8° 7 | 15°25 | 29°34 | 18°50 | 18°16 | 19°37 | 9°22 | 16°16 | T 29 |
| W30 T 31 | 2 36 59 2 40 56 | 7°24'39 8ML23'48 | 18°48 2 ≈ 43 | 29°54 1 × 12 | 5°25 6M40 | 17°17 16 8 59 | 10° 5 10 Ω 10 | 8° 3 7 Ⅲ 59 | 15°27 15 m 30 | 29°35 29 중 35 | 18°53 18 M 55 | 18°18 18°R19 | 19°34 19 Ⅲ 31 | 9°29 9 ∏ 35 | 16°14 16 8 11 | W30 T 31 |
| 1 31 | 2 40 JO | 011643 48 | ∠ ~ ~+3 | 17.17 | บแนน | 10039 | 100610 | /1139 | ט כעוו כ ב | 29033 | 1011633 | 10 K19 | 171131 | эцээ | 10011 | 1 31 |

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|------|---------|------------------|-----------------|----------------|----------------|---------------|----------------|---------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|------|
| F 1 | 2 44 53 | 9M22'59 | 16≈18 | 2 √ 29 | 7 M 55 | 16°R40 | 10Ω15 | 7°R55 | 15 Mp 32 | 29 궁 36 | 18 M 57 | 18°R18 | 19 Ⅱ 28 | 9 Ⅱ 42 | 16°R 8 | F 1 |
| S 2 | 2 48 49 | 10°22'11 | 29°35 | 3°45 | 9°10 | 16822 | 10°20 | 7 Ⅱ 51 | 15°35 | 29°37 | 19° 0 | 18 Ⅱ 17 | 19°25 | 9°49 | 16 8 5 | S 2 |
| S 3 | 2 52 46 | 11°21'25 | 12) 35 | 4°59 | 10°25 | 16° 3 | 10°25 | 7°47 | 15°37 | 29°37 | 19° 2 | 18°13 | 19°21 | 9°55 | 16° 3 | S 3 |
| M 4 | 2 56 42 | 12°20'41 | 25°20 | 6°12 | 11°39 | 15°44 | 10°29 | 7°43 | 15°40 | 29°38 | 19° 5 | 18° 8 | 19°18 | 10° 2 | 16° 0 | M 4 |
| T 5 | 3 0 39 | 13°19'58 | 7 Υ 52 | 7°23 | 12°54 | 15°25 | 10°34 | 7°39 | 15°42 | 29°39 | 19° 7 | 18° 3 | 19°15 | 10° 8 | 15°57 | T 5 |
| W 6 | 3 4 35 | 14°19'17 | 20°12 | 8°32 | 14° 9 | 15° 6 | 10°38 | 7°35 | 15°45 | 29°40 | 19° 9 | 17°56 | 19°12 | 10°15 | 15°54 | W 6 |
| T 7 | 3 8 32 | 15°18'38 | 2822 | 9°40 | 15°24 | 14°48 | 10°42 | 7°31 | 15°47 | 29°41 | 19°12 | 17°51 | 19° 9 | 10°22 | 15°51 | T 7 |
| F 8 | 3 12 28 | 16°18'01 | 14°24 | 10°45 | 16°39 | 14°29 | 10°46 | 7°26 | 15°49 | 29°42 | 19°14 | 17°46 | 19° 6 | 10°28 | 15°49 | F 8 |
| S 9 | 3 16 25 | 17°17'26 | 26°19 | 11°48 | 17°54 | 14°11 | 10°50 | 7°22 | 15°51 | 29°43 | 19°17 | 17°42 | 19° 2 | 10°35 | 15°46 | S 9 |
| S 10 | 3 20 21 | 18°16'52 | 8耳 9 | 12°48 | 19° 9 | 13°52 | 10°53 | 7°18 | 15°54 | 29°44 | 19°19 | 17°40 | 18°59 | 10°42 | 15°43 | S 10 |
| M11 | 3 24 18 | 19°16'21 | 19°56 | 13°45 | 20°24 | 13°34 | 10°56 | 7°13 | 15°56 | 29°45 | 19°21 | 17°D40 | 18°56 | 10°48 | 15°40 | M11 |
| T 12 | 3 28 15 | 20°15'52 | 19543 | 14°40 | 21°39 | 13°17 | 11° 0 | 7° 9 | 15°58 | 29°46 | 19°24 | 17°41 | 18°53 | 10°55 | 15°38 | T 12 |
| W13 | 3 32 11 | 21°15'26 | 13°33 | 15°31 | 22°54 | 12°59 | 11° 3 | 7° 4 | 16° 0 | 29°47 | 19°26 | 17°42 | 18°50 | 11° 2 | 15°35 | W13 |
| T 14 | 3 36 8 | 22°15'01 | 25°31 | 16°18 | 24° 9 | 12°43 | 11° 5 | 7° 0 | 16° 2 | 29°48 | 19°29 | 17°44 | 18°46 | 11° 8 | 15°32 | T 14 |
| F 15 | 3 40 4 | 23°14'38 | 7 Ω 40 | 17° 2 | 25°24 | 12°26 | 11° 8 | 6°55 | 16° 4 | 29°49 | 19°31 | 17°46 | 18°43 | 11°15 | 15°29 | F 15 |
| S 16 | 3 44 1 | 24°14'18 | 20° 6 | 17°40 | 26°39 | 12°10 | 11°10 | 6°51 | 16° 6 | 29°50 | 19°33 | 17°R46 | 18°40 | 11°22 | 15°26 | S 16 |
| S 17 | 3 47 57 | 25°14'00 | 2 m 53 | 18°14 | 27°54 | 11°55 | 11°13 | 6°46 | 16° 8 | 29°51 | 19°36 | 17°46 | 18°37 | 11°28 | 15°24 | S 17 |
| M18 | 3 51 54 | 26°13'44 | 16° 4 | 18°42 | 29° 9 | 11°40 | 11°15 | 6°41 | 16° 9 | 29°53 | 19°38 | 17°45 | 18°34 | 11°35 | 15°21 | M18 |
| T 19 | 3 55 50 | 27°13'30 | 29°43 | 19° 4 | 0 ∡ 724 | 11°25 | 11°16 | 6°37 | 16°11 | 29°54 | 19°41 | 17°43 | 18°31 | 11°41 | 15°18 | T 19 |
| W20 | 3 59 47 | 28°13'18 | 13 ≏ 50 | 19°19 | 1°39 | 11°12 | 11°18 | 6°32 | 16°13 | 29°55 | 19°43 | 17°41 | 18°27 | 11°48 | 15°16 | W20 |
| T 21 | 4 3 44 | 29°13'08 | 28°23 | 19°R26 | 2°54 | 10°58 | 11°19 | 6°27 | 16°15 | 29°56 | 19°45 | 17°38 | 18°24 | 11°55 | 15°13 | T 21 |
| F 22 | 4 7 40 | 0 ∡ 13'01 | 13 M .17 | 19°26 | 4° 9 | 10°46 | 11°21 | 6°22 | 16°16 | 29°58 | 19°48 | 17°36 | 18°21 | 12° 1 | 15°10 | F 22 |
| S 23 | 4 11 37 | 1°12'55 | 28°25 | 19°17 | 5°24 | 10°34 | 11°22 | 6°18 | 16°18 | 29°59 | 19°50 | 17°34 | 18°18 | 12° 8 | 15° 7 | S 23 |
| S 24 | 4 15 33 | 2°12'52 | 13 ∡ ³37 | 19° 0 | 6°40 | 10°23 | 11°23 | 6°13 | 16°19 | 0≈ 0 | 19°53 | 17°D34 | 18°15 | 12°15 | 15° 5 | S 24 |
| M25 | 4 19 30 | 3°12'50 | 28°45 | 18°32 | 7°55 | 10°13 | 11°23 | 6° 8 | 16°21 | 0° 2 | 19°55 | 17°34 | 18°12 | 12°21 | 15° 2 | M25 |
| T 26 | 4 23 26 | 4°12'50 | 13 る 38 | 17°56 | 9°10 | 10° 3 | 11°24 | 6° 3 | 16°22 | 0° 3 | 19°57 | 17°35 | 18° 8 | 12°28 | 15° 0 | T 26 |
| W27 | 4 27 23 | 5°12'51 | 28°11 | 17° 9 | 10°25 | 9°55 | 11°24 | 5°58 | 16°24 | 0° 5 | 20° 0 | 17°36 | 18° 5 | 12°35 | 14°57 | W27 |
| T 28 | 4 31 20 | 6°12'54 | 12≈20 | 16°14 | 11°40 | 9°47 | 11°R24 | 5°53 | 16°25 | 0° 6 | 20° 2 | 17°37 | 18° 2 | 12°41 | 14°54 | T 28 |
| F 29 | 4 35 16 | 7°12'58 | 26° 3 | 15°10 | 12°55 | 9°40 | 11°24 | 5°49 | 16°26 | 0° 8 | 20° 4 | 17°37 | 17°59 | 12°48 | 14°52 | F 29 |
| S 30 | 4 39 13 | 8 ∡ 13'04 | 9 ∺ 21 | 14 ×7 0 | 14 × 10 | 9 8 33 | 11 Ω 23 | 5 Ⅱ 44 | 16 M)27 | 0≈ 9 | 20 m 7 | 17°R37 | 17 II 56 | 12 Ⅱ 55 | 14 8 49 | S 30 |

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|------|---------|-------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|----------------|------|----------------|----------------|----------------|-----------------|----------------|------|
| S 1 | 4 43 9 | 9 .7 13'11 | 22)(17 | 12°R44 | 15 ₹ 25 | 9°R28 | 11°R23 | 5°R39 | 16 M 28 | 0≈11 | 20M 9 | 17°R37 | 17 Ⅲ 52 | 13 I I 1 | 14°R47 | S 1 |
| M 2 | 4 47 6 | 10°13'20 | 4 Υ 54 | 11 × 125 | 16°41 | 9 8 23 | 11 Ω 22 | 5 Ⅱ 34 | 16°30 | 0°12 | 20°11 | 17 Ⅲ 36 | 17°49 | 13° 8 | 14844 | M 2 |
| T 3 | 4 51 2 | 11°13'30 | 17°15 | 10° 5 | 17°56 | 9°19 | 11°21 | 5°29 | 16°31 | 0°14 | 20°14 | 17°36 | 17°46 | 13°15 | 14°42 | T 3 |
| W 4 | 4 54 59 | 12°13'42 | 29°24 | 8°47 | 19°11 | 9°16 | 11°20 | 5°25 | 16°32 | 0°16 | 20°16 | 17°35 | 17°43 | 13°21 | 14°40 | W 4 |
| T 5 | 4 58 55 | 13°13'55 | 11823 | 7°34 | 20°26 | 9°14 | 11°19 | 5°20 | 16°33 | 0°17 | 20°18 | 17°34 | 17°40 | 13°28 | 14°37 | T 5 |
| F 6 | 5 2 52 | 14°14'09 | 23°16 | 6°27 | 21°41 | 9°12 | 11°17 | 5°15 | 16°33 | 0°19 | 20°20 | 17°34 | 17°37 | 13°34 | 14°35 | F 6 |
| S 7 | 5 6 49 | 15°14'26 | 5 II 5 | 5°29 | 22°56 | 9°D12 | 11°15 | 5°11 | 16°34 | 0°21 | 20°23 | 17°34 | 17°33 | 13°41 | 14°32 | S 7 |
| S 8 | 5 10 45 | 16°14'43 | 16°53 | 4°42 | 24°11 | 9°12 | 11°13 | 5° 6 | 16°35 | 0°23 | 20°25 | 17°D33 | 17°30 | 13°48 | 14°30 | S 8 |
| M 9 | 5 14 42 | 17°15'03 | 28°41 | 4° 5 | 25°27 | 9°13 | 11°11 | 5° 1 | 16°36 | 0°24 | 20°27 | 17°R33 | 17°27 | 13°54 | 14°28 | M 9 |
| T 10 | 5 18 38 | 18°15'24 | 10933 | 3°40 | 26°42 | 9°14 | 11° 9 | 4°57 | 16°36 | 0°26 | 20°29 | 17°33 | 17°24 | 14° 1 | 14°26 | T 10 |
| W11 | 5 22 35 | 19°15'47 | 22°29 | 3°27 | 27°57 | 9°17 | 11° 6 | 4°52 | 16°37 | 0°28 | 20°31 | 17°33 | 17°21 | 14° 8 | 14°24 | W11 |
| T 12 | 5 26 31 | 20°16'11 | 4€33 | 3°D25 | 29°12 | 9°20 | 11° 4 | 4°47 | 16°38 | 0°30 | 20°34 | 17°33 | 17°18 | 14°14 | 14°21 | T 12 |
| F 13 | 5 30 28 | 21°16'37 | 16°48 | 3°34 | 0 궁 27 | 9°24 | 11° 1 | 4°43 | 16°38 | 0°32 | 20°36 | 17°33 | 17°14 | 14°21 | 14°19 | F 13 |
| S 14 | 5 34 24 | 22°17'05 | 29°16 | 3°53 | 1°42 | 9°29 | 10°58 | 4°38 | 16°39 | 0°33 | 20°38 | 17°32 | 17°11 | 14°28 | 14°17 | S 14 |
| S 15 | 5 38 21 | 23°17'34 | 12 m) 1 | 4°22 | 2°58 | 9°34 | 10°54 | 4°34 | 16°39 | 0°35 | 20°40 | 17°32 | 17° 8 | 14°34 | 14°15 | S 15 |
| M16 | 5 42 18 | 24°18'05 | 25° 7 | 4°58 | 4°13 | 9°41 | 10°51 | 4°30 | 16°39 | 0°37 | 20°42 | 17°D32 | 17° 5 | 14°41 | 14°13 | M16 |
| T 17 | 5 46 14 | 25°18'38 | 8 亞 36 | 5°42 | 5°28 | 9°48 | 10°47 | 4°25 | 16°40 | 0°39 | 20°44 | 17°32 | 17° 2 | 14°48 | 14°11 | T 17 |
| W18 | 5 50 11 | 26°19'13 | 22°29 | 6°33 | 6°43 | 9°55 | 10°43 | 4°21 | 16°40 | 0°41 | 20°46 | 17°32 | 16°58 | 14°54 | 14° 9 | W18 |
| T 19 | 5 54 7 | 27°19'49 | 6 M .47 | 7°29 | 7°58 | 10° 4 | 10°39 | 4°17 | 16°40 | 0°43 | 20°48 | 17°33 | 16°55 | 15° 1 | 14° 7 | T 19 |
| F 20 | 5 58 4 | 28°20'27 | 21°27 | 8°31 | 9°13 | 10°13 | 10°35 | 4°13 | 16°40 | 0°45 | 20°50 | 17°34 | 16°52 | 15° 7 | 14° 6 | F 20 |
| S 21 | 6 2 0 | 29°21'06 | 6 ₹ 26 | 9°37 | 10°29 | 10°22 | 10°30 | 4° 8 | 16°40 | 0°47 | 20°52 | 17°35 | 16°49 | 15°14 | 14° 4 | S 21 |
| S 22 | 6 5 5 7 | 0 궁 21'47 | 21°35 | 10°46 | 11°44 | 10°33 | 10°26 | 4° 4 | 16°R40 | 0°49 | 20°54 | 17°R35 | 16°46 | 15°21 | 14° 2 | S 22 |
| M23 | 6 9 54 | 1°22'29 | 6 ප 45 | 11°59 | 12°59 | 10°44 | 10°21 | 4° 0 | 16°40 | 0°51 | 20°56 | 17°34 | 16°43 | 15°27 | 14° 0 | M23 |
| T 24 | 6 13 50 | 2°23'13 | 21°48 | 13°15 | 14°14 | 10°56 | 10°16 | 3°56 | 16°40 | 0°53 | 20°58 | 17°33 | 16°39 | 15°34 | 13°59 | T 24 |
| W25 | 6 17 47 | 3°23'57 | 6≈33 | 14°33 | 15°30 | 11°8 | 10°11 | 3°53 | 16°40 | 0°55 | 21° 0 | 17°31 | 16°36 | 15°41 | 13°57 | W25 |
| T 26 | 6 21 43 | 4°24'43 | 20°55 | 15°53 | 16°45 | 11°21 | 10° 6 | 3°49 | 16°40 | 0°57 | 21° 2 | 17°29 | 16°33 | 15°47 | 13°56 | T 26 |
| F 27 | 6 25 40 | 5°25'29 | 4 ∺ 51 | 17°15 | 18° 0 | 11°35 | 10° 0 | 3°45 | 16°39 | 0°59 | 21° 4 | 17°27 | 16°30 | 15°54 | 13°54 | F 27 |
| S 28 | 6 29 36 | 6°26'16 | 18°18 | 18°38 | 19°15 | 11°49 | 9°55 | 3°41 | 16°39 | 1° 1 | 21° 6 | 17°25 | 16°27 | 16° 1 | 13°53 | S 28 |
| S 29 | 6 33 33 | 7°27'04 | 1 Υ 18 | 20° 3 | 20°30 | 12° 4 | 9°49 | 3°38 | 16°39 | 1° 3 | 21° 8 | 17°24 | 16°24 | 16° 7 | 13°51 | S 29 |
| M30 | 6 37 29 | 8°27'53 | 13°56 | 21°29 | 21°46 | 12°19 | 9°43 | 3°34 | 16°38 | 1° 6 | 21°10 | 17°D24 | 16°20 | 16°14 | 13°50 | M30 |
| T 31 | 6 41 26 | 9 ට 28'42 | 26 Y 14 | 22 × 756 | 23중 1 | 12 8 35 | 9 Ω 37 | 3 Ⅲ 31 | 16 M 38 | 1≈ 8 | 21 m 11 | 17Ⅲ25 | 16 Ⅱ 17 | 16Ⅲ21 | 13 8 49 | T 31 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)Å(| 卉 | В | Ω. | ß | Ç | ę, | Day |
|------|---------|----------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|------|----------------|----------------|----------------|----------------|----------------|------|
| W 1 | 6 45 23 | 10る29'32 | 8 8 17 | 24 × 23 | 24 궁 16 | 12851 | 9°R31 | 3°R27 | 16°R37 | 1≈10 | 21 m 13 | 17 Ⅲ 26 | 16∏14 | 16 Ⅱ 27 | 13°R47 | W 1 |
| T 2 | 6 49 19 | 11°30'23 | 20°11 | 25°51 | 25°31 | 13° 8 | 9 Ω 25 | 3 Ⅱ 24 | 16 M 36 | 1°12 | 21°15 | 17°28 | 16°11 | 16°34 | 13846 | T 2 |
| F 3 | 6 53 16 | 12°31'15 | 1∏59 | 27°20 | 26°46 | 13°26 | 9°18 | 3°21 | 16°36 | 1°14 | 21°17 | 17°30 | 16° 8 | 16°41 | 13°45 | F 3 |
| S 4 | 6 57 12 | 13°32'07 | 13°46 | 28°49 | 28° 2 | 13°44 | 9°11 | 3°18 | 16°35 | 1°16 | 21°18 | 17°R31 | 16° 4 | 16°47 | 13°44 | S 4 |
| S 5 | 7 1 9 | 14°33'00 | 25°35 | 0 궁 19 | 29°17 | 14° 2 | 9° 5 | 3°15 | 16°34 | 1°19 | 21°20 | 17°30 | 16° 1 | 16°54 | 13°43 | S 5 |
| M 6 | 7 5 5 | 15°33'54 | 79327 | 1°49 | 0≈32 | 14°21 | 8°58 | 3°12 | 16°33 | 1°21 | 21°21 | 17°29 | 15°58 | 17° 0 | 13°42 | M 6 |
| T 7 | 7 9 2 | 16°34'49 | 19°27 | 3°20 | 1°47 | 14°40 | 8°51 | 3° 9 | 16°33 | 1°23 | 21°23 | 17°26 | 15°55 | 17° 7 | 13°41 | T 7 |
| W 8 | 7 12 58 | 17°35'45 | 1 Ω 34 | 4°51 | 3° 2 | 15° 0 | 8°44 | 3° 6 | 16°32 | 1°25 | 21°25 | 17°21 | 15°52 | 17°14 | 13°40 | W 8 |
| T 9 | 7 16 55 | 18°36'41 | 13°51 | 6°22 | 4°18 | 15°20 | 8°37 | 3° 4 | 16°31 | 1°27 | 21°26 | 17°16 | 15°49 | 17°20 | 13°39 | T 9 |
| F 10 | 7 20 52 | 19°37'38 | 26°19 | 7°53 | 5°33 | 15°41 | 8°30 | 3° 1 | 16°30 | 1°30 | 21°28 | 17°10 | 15°45 | 17°27 | 13°38 | F 10 |
| S 11 | 7 24 48 | 20°38'35 | 8 m 59 | 9°25 | 6°48 | 16° 2 | 8°22 | 2°59 | 16°29 | 1°32 | 21°29 | 17° 4 | 15°42 | 17°34 | 13°38 | S 11 |
| S 12 | 7 28 45 | 21°39'34 | 21°53 | 10°57 | 8° 3 | 16°24 | 8°15 | 2°56 | 16°27 | 1°34 | 21°31 | 16°59 | 15°39 | 17°40 | 13°37 | S 12 |
| M13 | 7 32 41 | 22°40'33 | 5 ₽ 1 | 12°29 | 9°18 | 16°46 | 8° 7 | 2°54 | 16°26 | 1°36 | 21°32 | 16°56 | 15°36 | 17°47 | 13°36 | M13 |
| T 14 | 7 36 38 | 23°41'34 | 18°26 | 14° 1 | 10°33 | 17° 8 | 8° 0 | 2°52 | 16°25 | 1°39 | 21°33 | 16°D55 | 15°33 | 17°54 | 13°36 | T 14 |
| W15 | 7 40 34 | 24°42'35 | 2 M 8 | 15°34 | 11°49 | 17°31 | 7°52 | 2°50 | 16°24 | 1°41 | 21°35 | 16°55 | 15°30 | 18° 0 | 13°35 | W15 |
| T 16 | 7 44 31 | 25°43'37 | 16°10 | 17° 7 | 13° 4 | 17°54 | 7°44 | 2°48 | 16°22 | 1°43 | 21°36 | 16°56 | 15°26 | 18° 7 | 13°35 | T 16 |
| F 17 | 7 48 27 | 26°44'39 | 0 ₮ 30 | 18°40 | 14°19 | 18°17 | 7°36 | 2°46 | 16°21 | 1°45 | 21°38 | 16°58 | 15°23 | 18°14 | 13°35 | F 17 |
| S 18 | 7 52 24 | 27°45'43 | 15° 6 | 20°13 | 15°34 | 18°41 | 7°28 | 2°44 | 16°20 | 1°48 | 21°39 | 16°R58 | 15°20 | 18°20 | 13°34 | S 18 |
| S 19 | 7 56 21 | 28°46'47 | 29°55 | 21°46 | 16°49 | 19° 5 | 7°20 | 2°43 | 16°18 | 1°50 | 21°40 | 16°58 | 15°17 | 18°27 | 13°34 | S 19 |
| M20 | 8 0 17 | 29°47'52 | 14 る 50 | 23°20 | 18° 4 | 19°30 | 7°12 | 2°41 | 16°17 | 1°52 | 21°41 | 16°55 | 15°14 | 18°33 | 13°34 | M20 |
| T 21 | 8 4 14 | 0≈48'57 | 29°43 | 24°54 | 19°19 | 19°54 | 7° 4 | 2°40 | 16°15 | 1°54 | 21°42 | 16°50 | 15°10 | 18°40 | 13°34 | T 21 |
| W22 | 8 8 10 | 1°50'02 | 14≈26 | 26°28 | 20°35 | 20°19 | 6°56 | 2°38 | 16°14 | 1°57 | 21°44 | 16°43 | 15° 7 | 18°47 | 13°34 | W22 |
| T 23 | 8 12 7 | 2°51'08 | 28°50 | 28° 3 | 21°50 | 20°45 | 6°48 | 2°37 | 16°12 | 1°59 | 21°45 | 16°36 | 15° 4 | 18°53 | 13°D34 | T 23 |
| F 24 | 8 16 3 | 3°52'13 | 12 米 51 | 29°38 | 23° 5 | 21°11 | 6°40 | 2°36 | 16°10 | 2° 1 | 21°46 | 16°28 | 15° 1 | 19° 0 | 13°34 | F 24 |
| S 25 | 8 20 0 | 4°53'18 | 26°26 | 1≈13 | 24°20 | 21°37 | 6°32 | 2°35 | 16° 8 | 2° 3 | 21°47 | 16°21 | 14°58 | 19° 7 | 13°34 | S 25 |
| S 26 | 8 23 57 | 5°54'24 | 9 Υ 33 | 2°49 | 25°35 | 22° 3 | 6°24 | 2°34 | 16° 7 | 2° 6 | 21°48 | 16°15 | 14°55 | 19°13 | 13°34 | S 26 |
| M27 | 8 27 53 | 6°55'29 | 22°15 | 4°25 | 26°50 | 22°30 | 6°16 | 2°33 | 16° 5 | 2° 8 | 21°49 | 16°12 | 14°51 | 19°20 | 13°34 | M27 |
| T 28 | 8 31 50 | 7°56'33 | 4 8 35 | 6° 1 | 28° 5 | 22°57 | 6° 8 | 2°33 | 16° 3 | 2°10 | 21°50 | 16°D11 | 14°48 | 19°27 | 13°34 | T 28 |
| W29 | 8 35 46 | 8°57'38 | 16°39 | 7°38 | 29°20 | 23°24 | 6° 0 | 2°32 | 16° 1 | 2°12 | 21°51 | 16°11 | 14°45 | 19°33 | 13°34 | W29 |
| T 30 | 8 39 43 | 9°58'42 | 28°32 | 9°15 | 0) €35 | 23°51 | 5°51 | 2°32 | 15°59 | 2°15 | 21°52 | 16°12 | 14°42 | 19°40 | 13°35 | T 30 |
| F 31 | 8 43 39 | 10≈59'46 | 10 Ⅱ 20 | 10≈52 | 1 ∺ 50 | 24 8 19 | 5 Ω 43 | 2 ∏ 31 | 15 M 57 | 2≈17 | 21 M 52 | 16°R13 | 14 Ⅱ 39 | 19 Ⅱ 47 | 13 8 35 | F 31 |

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| S 1 | 8 47 36 | 12≈ 0'50 | 22 I 7 | 12≈30 | 3 ∺ 5 | 24847 | 5°R35 | 2°R31 | 15°R55 | 2≈19 | 21 M 53 | 16°R13 | 14 II 36 | 19 Ⅱ 53 | 13 8 36 | S 1 |
| S 2 | 8 51 32 | 13° 1'54 | 3957 | 14° 9 | 4°20 | 25°15 | 5 Ω 27 | 2Д31 | 15 m 53 | 2°21 | 21°54 | 16 I I11 | 14°32 | 20° 0 | 13°36 | S 2 |
| M 3 | 8 55 29 | 14° 2'57 | 15°55 | 15°47 | 5°35 | 25°43 | 5°19 | 2°D31 | 15°51 | 2°24 | 21°55 | 16° 7 | 14°29 | 20° 6 | 13°37 | M 3 |
| T 4 | 8 59 26 | 15° 4'00 | 28° 4 | 17°27 | 6°50 | 26°12 | 5°12 | 2°31 | 15°49 | 2°26 | 21°55 | 16° 0 | 14°26 | 20°13 | 13°38 | T 4 |
| W 5 | 9 3 22 | 16° 5'02 | 10 Ω 25 | 19° 6 | 8° 5 | 26°41 | 5° 4 | 2°31 | 15°47 | 2°28 | 21°56 | 15°50 | 14°23 | 20°20 | 13°38 | W 5 |
| T 6 | 9 7 19 | 17° 6'04 | 23° 0 | 20°46 | 9°20 | 27°10 | 4°56 | 2°32 | 15°45 | 2°30 | 21°57 | 15°39 | 14°20 | 20°26 | 13°39 | T 6 |
| F 7 | 9 11 15 | 18° 7'06 | 5 M 47 | 22°27 | 10°35 | 27°39 | 4°48 | 2°32 | 15°42 | 2°33 | 21°57 | 15°28 | 14°16 | 20°33 | 13°40 | F 7 |
| S 8 | 9 15 12 | 19° 8'07 | 18°48 | 24° 8 | 11°49 | 28° 8 | 4°41 | 2°33 | 15°40 | 2°35 | 21°58 | 15°16 | 14°13 | 20°40 | 13°41 | S 8 |
| S 9 | 9 19 8 | 20° 9'09 | 2 ♀ 0 | 25°49 | 13° 4 | 28°38 | 4°33 | 2°33 | 15°38 | 2°37 | 21°58 | 15° 6 | 14°10 | 20°46 | 13°42 | S 9 |
| M10 | 9 23 5 | 21°10'10 | 15°23 | 27°31 | 14°19 | 29° 8 | 4°25 | 2°34 | 15°36 | 2°39 | 21°59 | 14°59 | 14° 7 | 20°53 | 13°43 | M10 |
| T 11 | 9 27 1 | 22°11'10 | 28°56 | 29°13 | 15°34 | 29°38 | 4°18 | 2°35 | 15°33 | 2°41 | 21°59 | 14°54 | 14° 4 | 21° 0 | 13°44 | T 11 |
| W12 | 9 30 58 | 23°12'11 | 12 M 40 | 0 ∺ 56 | 16°49 | 0 I 8 | 4°11 | 2°36 | 15°31 | 2°43 | 22° 0 | 14°51 | 14° 1 | 21° 6 | 13°45 | W12 |
| T 13 | 9 34 55 | 24°13'11 | 26°35 | 2°38 | 18° 3 | 0°39 | 4° 4 | 2°37 | 15°29 | 2°46 | 22° 0 | 14°D51 | 13°57 | 21°13 | 13°46 | T 13 |
| F 14 | 9 38 51 | 25°14'12 | 10 才 40 | 4°21 | 19°18 | 1° 9 | 3°56 | 2°38 | 15°26 | 2°48 | 22° 0 | 14°R51 | 13°54 | 21°20 | 13°47 | F 14 |
| S 15 | 9 42 48 | 26°15'12 | 24°55 | 6° 4 | 20°33 | 1°40 | 3°49 | 2°40 | 15°24 | 2°50 | 22° 1 | 14°51 | 13°51 | 21°26 | 13°48 | S 15 |
| S 16 | 9 46 44 | 27°16'12 | 9 る 19 | 7°47 | 21°47 | 2°11 | 3°43 | 2°41 | 15°21 | 2°52 | 22° 1 | 14°49 | 13°48 | 21°33 | 13°50 | S 16 |
| M17 | 9 50 41 | 28°17'11 | 23°47 | 9°30 | 23° 2 | 2°42 | 3°36 | 2°42 | 15°19 | 2°54 | 22° 1 | 14°44 | 13°45 | 21°40 | 13°51 | M17 |
| T 18 | 9 54 37 | 29°18'10 | 8 ≈ 16 | 11°13 | 24°17 | 3°13 | 3°29 | 2°44 | 15°16 | 2°56 | 22° 1 | 14°36 | 13°42 | 21°46 | 13°52 | T 18 |
| W19 | 9 58 34 | 0 ∺ 19'08 | 22°39 | 12°55 | 25°31 | 3°44 | 3°23 | 2°46 | 15°14 | 2°58 | 22° 2 | 14°26 | 13°38 | 21°53 | 13°54 | W19 |
| T 20 | 10 2 30 | 1°20'05 | 6 ¥ 50 | 14°37 | 26°46 | 4°16 | 3°16 | 2°48 | 15°11 | 3° 0 | 22° 2 | 14°14 | 13°35 | 21°59 | 13°55 | T 20 |
| F 21 | 10 6 27 | 2°21'01 | 20°43 | 16°17 | 28° 0 | 4°47 | 3°10 | 2°50 | 15° 9 | 3° 2 | 22° 2 | 14° 1 | 13°32 | 22° 6 | 13°57 | F 21 |
| S 22 | 10 10 24 | 3°21'57 | 4 Υ 14 | 17°57 | 29°15 | 5°19 | 3° 4 | 2°52 | 15° 6 | 3° 4 | 22° 2 | 13°49 | 13°29 | 22°13 | 13°59 | S 22 |
| S 23 | 10 14 20 | 4°22'51 | 17°20 | 19°34 | 0 Υ 29 | 5°51 | 2°58 | 2°54 | 15° 4 | 3° 6 | 22°R 2 | 13°40 | 13°26 | 22°19 | 14° 0 | S 23 |
| M24 | 10 18 17 | 5°23'44 | 0 8 4 | 21°10 | 1°44 | 6°23 | 2°52 | 2°56 | 15° 1 | 3° 8 | 22° 2 | 13°32 | 13°22 | 22°26 | 14° 2 | M24 |
| T 25 | 10 22 13 | 6°24'37 | 12°27 | 22°43 | 2°58 | 6°55 | 2°46 | 2°59 | 14°59 | 3°10 | 22° 2 | 13°28 | 13°19 | 22°33 | 14° 4 | T 25 |
| W26 | 10 26 10 | 7°25'28 | 24°33 | 24°14 | 4°12 | 7°28 | 2°41 | 3° 1 | 14°56 | 3°12 | 22° 2 | 13°26 | 13°16 | 22°39 | 14° 5 | W26 |
| T 27 | 10 30 6 | 8°26'17 | 6 Ⅱ 28 | 25°41 | 5°27 | 8° 0 | 2°36 | 3° 4 | 14°53 | 3°14 | 22° 1 | 13°26 | 13°13 | 22°46 | 14° 7 | T 27 |
| F 28 | 10 34 3 | 9 米 27'06 | 18 I I16 | 27 ∺ 3 | 6 Υ 41 | 8 Ⅱ 33 | 2Ω 30 | 3 I 7 | 14 M 51 | 3≈16 | 22 m 1 | 13 Ⅱ 26 | 13 II 10 | 22 II 53 | 148 9 | F 28 |

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| S 1 | 10 37 59 | 10 ∺ 27'53 | 099 4 | 28 ∺ 21 | 7 Ƴ 55 | 9 I 6 | 2°R25 | 3 I 9 | 14°R48 | 3≈18 | 22°R 1 | 13°R25 | 13 I 7 | 22 II 59 | 14 8 11 | S 1 |
| S 2 | 10 41 56 | 11°28'39 | 11°56 | 29°34 | 9° 9 | 9°38 | 2 Ω 21 | 3°12 | 14 M)46 | 3°20 | 22 M 1 | 13∏22 | 13° 3 | 23° 6 | 14°13 | S 2 |
| M 3 | 10 45 53 | 12°29'24 | 23°58 | o Υ 40 | 10°24 | 10°11 | 2°16 | 3°15 | 14°43 | 3°22 | 22° 1 | 13°17 | 13° 0 | 23°13 | 14°15 | M 3 |
| T 4 | 10 49 49 | 13°30'07 | 6 Ω 14 | 1°39 | 11°38 | 10°44 | 2°11 | 3°18 | 14°40 | 3°24 | 22° 0 | 13° 9 | 12°57 | 23°19 | 14°17 | T 4 |
| W 5 | 10 53 46 | 14°30'49 | 18°47 | 2°30 | 12°52 | 11°17 | 2° 7 | 3°22 | 14°38 | 3°26 | 22° 0 | 12°59 | 12°54 | 23°26 | 14°20 | W 5 |
| T 6 | 10 57 42 | 15°31'29 | 1 m) 37 | 3°13 | 14° 6 | 11°51 | 2° 3 | 3°25 | 14°35 | 3°27 | 22° 0 | 12°46 | 12°51 | 23°33 | 14°22 | T 6 |
| F 7 | 11 139 | 16°32'08 | 14°44 | 3°47 | 15°20 | 12°24 | 1°59 | 3°28 | 14°32 | 3°29 | 21°59 | 12°33 | 12°47 | 23°39 | 14°24 | F 7 |
| S 8 | 11 5 35 | 17°32'46 | 28° 8 | 4°11 | 16°34 | 12°57 | 1°55 | 3°32 | 14°30 | 3°31 | 21°59 | 12°19 | 12°44 | 23°46 | 14°26 | S 8 |
| S 9 | 11 9 32 | 18°33'23 | 11 ≏ 45 | 4°24 | 17°48 | 13°31 | 1°52 | 3°35 | 14°27 | 3°33 | 21°58 | 12° 8 | 12°41 | 23°52 | 14°29 | S 9 |
| M10 | 11 13 28 | 19°33'58 | 25°33 | 4°R28 | 19° 1 | 14° 4 | 1°48 | 3°39 | 14°25 | 3°34 | 21°58 | 11°59 | 12°38 | 23°59 | 14°31 | M10 |
| T 11 | 11 17 25 | 20°34'32 | 9 M 28 | 4°20 | 20°15 | 14°38 | 1°45 | 3°43 | 14°22 | 3°36 | 21°57 | 11°53 | 12°35 | 24° 6 | 14°33 | T 11 |
| W12 | 11 21 21 | 21°35'05 | 23°28 | 4° 3 | 21°29 | 15°12 | 1°42 | 3°47 | 14°19 | 3°38 | 21°57 | 11°50 | 12°32 | 24°12 | 14°36 | W12 |
| T 13 | 11 25 18 | 22°35'38 | 7 . ₹30 | 3°35 | 22°43 | 15°46 | 1°39 | 3°51 | 14°17 | 3°39 | 21°56 | 11°D49 | 12°28 | 24°19 | 14°38 | T 13 |
| F 14 | 11 29 15 | 23°36'09 | 21°35 | 2°58 | 23°56 | 16°20 | 1°36 | 3°55 | 14°14 | 3°41 | 21°55 | 11°R49 | 12°25 | 24°26 | 14°41 | F 14 |
| S 15 | 11 33 11 | 24°36'39 | 5 궁 40 | 2°13 | 25°10 | 16°54 | 1°34 | 3°59 | 14°12 | 3°43 | 21°55 | 11°48 | 12°22 | 24°32 | 14°43 | S 15 |
| S 16 | 11 37 8 | 25°37'07 | 19°46 | 1°21 | 26°23 | 17°28 | 1°32 | 4° 3 | 14° 9 | 3°44 | 21°54 | 11°46 | 12°19 | 24°39 | 14°46 | S 16 |
| M17 | 11 41 4 | 26°37'35 | 3≈51 | 0°23 | 27°37 | 18° 2 | 1°30 | 4° 7 | 14° 6 | 3°46 | 21°53 | 11°42 | 12°16 | 24°46 | 14°49 | M17 |
| T 18 | 11 45 1 | 27°38'01 | 17°52 | 29 米 21 | 28°50 | 18°36 | 1°28 | 4°12 | 14° 4 | 3°47 | 21°52 | 11°35 | 12°13 | 24°52 | 14°51 | T 18 |
| W19 | 11 48 57 | 28°38'26 | 1) (48 | 28°17 | 0 8 4 | 19°11 | 1°26 | 4°16 | 14° 1 | 3°49 | 21°52 | 11°25 | 12° 9 | 24°59 | 14°54 | W19 |
| T 20 | 11 52 54 | 29°38'50 | 15°33 | 27°11 | 1°17 | 19°45 | 1°25 | 4°21 | 13°59 | 3°50 | 21°51 | 11°13 | 12° 6 | 25° 6 | 14°57 | T 20 |
| F 21 | 11 56 50 | 0 Ƴ 39'12 | 29° 4 | 26° 7 | 2°30 | 20°19 | 1°23 | 4°26 | 13°56 | 3°52 | 21°50 | 11° 1 | 12° 3 | 25°12 | 15° 0 | F 21 |
| S 22 | 12 0 47 | 1°39'32 | 12 Y 19 | 25° 4 | 3°44 | 20°54 | 1°22 | 4°30 | 13°54 | 3°53 | 21°49 | 10°49 | 12° 0 | 25°19 | 15° 3 | S 22 |
| S 23 | 12 4 44 | 2°39'50 | 25°15 | 24° 5 | 4°57 | 21°29 | 1°21 | 4°35 | 13°51 | 3°55 | 21°48 | 10°39 | 11°57 | 25°25 | 15° 5 | S 23 |
| M24 | 12 8 40 | 3°40'07 | 7 8 53 | 23°11 | 6°10 | 22° 3 | 1°21 | 4°40 | 13°49 | 3°56 | 21°47 | 10°32 | 11°53 | 25°32 | 15° 8 | M24 |
| T 25 | 12 12 37 | 4°40'22 | 20°13 | 22°22 | 7°23 | 22°38 | 1°20 | 4°45 | 13°47 | 3°57 | 21°46 | 10°27 | 11°50 | 25°39 | 15°11 | T 25 |
| W26 | 12 16 33 | 5°40'36 | 2 Ⅱ 19 | 21°39 | 8°36 | 23°13 | 1°20 | 4°50 | 13°44 | 3°59 | 21°45 | 10°25 | 11°47 | 25°45 | 15°14 | W26 |
| T 27 | 12 20 30 | 6°40'47 | 14°14 | 21° 3 | 9°49 | 23°48 | 1°D20 | 4°55 | 13°42 | 4° 0 | 21°44 | 10°D25 | 11°44 | 25°52 | 15°17 | T 27 |
| F 28 | 12 24 26 | 7°40'57 | 26° 2 | 20°34 | 11° 2 | 24°23 | 1°20 | 5° 0 | 13°40 | 4° 1 | 21°43 | 10°26 | 11°41 | 25°59 | 15°20 | F 28 |
| S 29 | 12 28 23 | 8°41'04 | 7 9 51 | 20°11 | 12°14 | 24°58 | 1°20 | 5° 6 | 13°37 | 4° 2 | 21°42 | 10°R26 | 11°38 | 26° 5 | 15°23 | S 29 |
| S 30 | 12 32 19 | 9°41'10 | 19°44 | 19°55 | 13°27 | 25°33 | 1°21 | 5°11 | 13°35 | 4° 4 | 21°41 | 10°26 | 11°34 | 26°12 | 15°26 | S 30 |
| M31 | 12 36 16 | 10 Υ 41'13 | 1 Ω 47 | 19 米 47 | 14840 | 26耳 8 | 1 Ω 22 | 5 Ⅱ 16 | 13 M 33 | 4≈ 5 | 21 M 40 | 10Ⅱ23 | 11 II 31 | 26 Ⅱ 19 | 15 8 30 | M31 |

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| T 1 | 12 40 13 | 11 ° 41'14 | 14 Ω 5 | 19°D44 | 15 8 52 | 26∏43 | 1£23 | 5 Ⅱ 22 | 13°R30 | 4≈ 6 | 21°R39 | 10°R18 | 11 Ⅱ 28 | 26 II 25 | 15 8 33 | T 1 |
| W 2 | 12 44 9 | 12°41'14 | 26°42 | 19) (48 | 17° 5 | 27°18 | 1°24 | 5°28 | 13 M 28 | 4° 7 | 21 M 37 | 10 Ⅲ 11 | 11°25 | 26°32 | 15°36 | W 2 |
| T 3 | 12 48 6 | 13°41'11 | 9 m 41 | 19°58 | 18°17 | 27°53 | 1°25 | 5°33 | 13°26 | 4° 8 | 21°36 | 10° 3 | 11°22 | 26°39 | 15°39 | T 3 |
| F 4 | 12 52 2 | 14°41'06 | 23° 2 | 20°13 | 19°29 | 28°28 | 1°26 | 5°39 | 13°24 | 4° 9 | 21°35 | 9°53 | 11°19 | 26°45 | 15°42 | F 4 |
| S 5 | 12 55 59 | 15°40'59 | 6 ≏ 44 | 20°34 | 20°42 | 29° 4 | 1°28 | 5°45 | 13°22 | 4°10 | 21°34 | 9°44 | 11°15 | 26°52 | 15°46 | S 5 |
| S 6 | 12 59 55 | 16°40'51 | 20°44 | 21° 0 | 21°54 | 29°39 | 1°30 | 5°50 | 13°20 | 4°11 | 21°32 | 9°35 | 11°12 | 26°59 | 15°49 | S 6 |
| M 7 | 13 3 52 | 17°40'40 | 4 M .58 | 21°31 | 23° 6 | 09୍ତ14 | 1°32 | 5°56 | 13°18 | 4°12 | 21°31 | 9°29 | 11° 9 | 27° 5 | 15°52 | M 7 |
| T 8 | 13 7 48 | 18°40'28 | 19°20 | 22° 6 | 24°18 | 0°50 | 1°34 | 6° 2 | 13°16 | 4°13 | 21°30 | 9°25 | 11° 6 | 27°12 | 15°55 | T 8 |
| W 9 | 13 11 45 | 19°40'14 | 3 ∡ 746 | 22°45 | 25°30 | 1°25 | 1°37 | 6° 8 | 13°14 | 4°14 | 21°28 | 9°D23 | 11° 3 | 27°19 | 15°59 | W 9 |
| T 10 | 13 15 41 | 20°39'59 | 18° 9 | 23°28 | 26°42 | 2° 1 | 1°39 | 6°14 | 13°12 | 4°15 | 21°27 | 9°23 | 10°59 | 27°25 | 16° 2 | T 10 |
| F 11 | 13 19 38 | 21°39'42 | 2 3 27 | 24°15 | 27°53 | 2°36 | 1°42 | 6°21 | 13°10 | 4°16 | 21°26 | 9°24 | 10°56 | 27°32 | 16° 6 | F 11 |
| S 12 | 13 23 35 | 22°39'24 | 16°38 | 25° 5 | 29° 5 | 3°12 | 1°45 | 6°27 | 13° 8 | 4°16 | 21°24 | 9°R25 | 10°53 | 27°38 | 16° 9 | S 12 |
| S 13 | 13 27 31 | 23°39'03 | 0≈40 | 25°58 | 0 П 17 | 3°47 | 1°48 | 6°33 | 13° 6 | 4°17 | 21°23 | 9°25 | 10°50 | 27°45 | 16°12 | S 13 |
| M14 | 13 31 28 | 24°38'41 | 14°32 | 26°54 | 1°28 | 4°23 | 1°52 | 6°39 | 13° 4 | 4°18 | 21°21 | 9°23 | 10°47 | 27°52 | 16°16 | M14 |
| T 15 | 13 35 24 | 25°38'18 | 28°14 | 27°53 | 2°39 | 4°59 | 1°55 | 6°46 | 13° 3 | 4°19 | 21°20 | 9°20 | 10°44 | 27°58 | 16°19 | T 15 |
| W16 | 13 39 21 | 26°37'53 | 11) (45 | 28°55 | 3°51 | 5°35 | 1°59 | 6°52 | 13° 1 | 4°19 | 21°18 | 9°14 | 10°40 | 28° 5 | 16°23 | W16 |
| T 17 | 13 43 17 | 27°37'26 | 25° 4 | 29°59 | 5° 2 | 6°10 | 2° 3 | 6°59 | 12°59 | 4°20 | 21°17 | 9° 7 | 10°37 | 28°12 | 16°26 | T 17 |
| F 18 | 13 47 14 | 28°36'57 | 8 Υ 11 | 1 Υ 6 | 6°13 | 6°46 | 2° 7 | 7° 5 | 12°58 | 4°21 | 21°15 | 9° 0 | 10°34 | 28°18 | 16°30 | F 18 |
| S 19 | 13 51 10 | 29°36'26 | 21° 3 | 2°16 | 7°24 | 7°22 | 2°11 | 7°12 | 12°56 | 4°21 | 21°14 | 8°53 | 10°31 | 28°25 | 16°33 | S 19 |
| S 20 | 13 55 7 | 0 8 35'53 | 3 8 41 | 3°27 | 8°35 | 7°58 | 2°16 | 7°18 | 12°55 | 4°22 | 21°12 | 8°47 | 10°28 | 28°32 | 16°37 | S 20 |
| M21 | 13 59 4 | 1°35'19 | 16° 6 | 4°40 | 9°46 | 8°34 | 2°20 | 7°25 | 12°53 | 4°22 | 21°11 | 8°43 | 10°24 | 28°38 | 16°40 | M21 |
| T 22 | 14 3 0 | 2°34'42 | 28°18 | 5°56 | 10°57 | 9°10 | 2°25 | 7°32 | 12°52 | 4°23 | 21° 9 | 8°41 | 10°21 | 28°45 | 16°44 | T 22 |
| W23 | 14 6 57 | 3°34'04 | 10 I I19 | 7°13 | 12° 7 | 9°45 | 2°30 | 7°39 | 12°50 | 4°23 | 21° 7 | 8°D40 | 10°18 | 28°52 | 16°48 | W23 |
| T 24 | 14 10 53 | 4°33'23 | 22°11 | 8°32 9°53 | 13°18 | 10°21 | 2°35 | 7°45 | 12°49 | 4°23 | 21° 6 21° 4 | 8°41 | 10°15 10°12 | 28°58 29° 5 | 16°51 | T 24 |
| F 25 S 26 | 14 14 50 14 18 46 | 5°32'40 6°31'56 | 495 0 15°48 | 9°53 11°16 | 14°28 15°38 | 10°57 11°34 | 2°40 2°46 | 7°52 7°59 | 12°48 12°47 | 4°24 4°24 | 21° 4 21° 3 | 8°43 8°44 | 10°12 10° 9 | 29° 5 29°12 | 16°55 16°58 | F 25 S 26 |
| | | | | | | _ | _ | | | | _ | _ | | - | | |
| S 27 | 14 22 43 | 7°31'08 | 27°41 | 12°40 | 16°49 | 12°10 | 2°51 | 8° 6 | 12°45 | 4°24 | 21° 1 | 8°46 | 10° 5 | 29°18 | 17° 2 | S 27 |
| M28 | 14 26 39 | 8°30'19 | 9 Ω 43 | 14° 6 | 17°59 | 12°46 | 2°57 | 8°13 | 12°44 | 4°25 | 20°59 | 8°R46 | 10° 2 | 29°25 | 17° 6 | M28 |
| T 29 | 14 30 36 | 9°29'27 | 22° 0 | 15°34 | 19° 9 | 13°22 | 3° 3 | 8°20 | 12°43 | 4°25 | 20°58 | 8°45 | 9°59 | 29°32 | 17° 9 | T 29 |
| W30 | 14 34 33 | 10828'33 | 4 Mp 36 | 17 Y 3 | 20 Ⅱ 18 | 139558 | 3 N 9 | 8 Ⅱ 27 | 12 M 42 | 4≈25 | 20 M 56 | 8 Ⅱ 43 | 9 Ⅱ 56 | 29耳38 | 17 8 13 | W30 |

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| Day | Sid.t | 0 | D | Ϋ́ | φ | ď | 4 | ħ |)Å(| 卉 | В | u | Ω | Ç | o k | Day |
|------|----------|-------------------|-----------------|----------------|----------------|---------------|---------------|----------------|----------------|-------|----------------|-------|---------------|----------------|--------|------|
| T 1 | 14 38 29 | 11827'37 | 17 m 35 | 18 Y 34 | 21 Ⅲ 28 | 149534 | 3 Ω 15 | 8 Д 34 | 12°R41 | 4≈25 | 20°R54 | 8°R40 | 9Д53 | 29 Ⅱ 45 | 17817 | T 1 |
| F 2 | 14 42 26 | 12°26'39 | 0 ჲ 59 | 20° 7 | 22°38 | 15°10 | 3°22 | 8°41 | 12 Mp 40 | 4°25 | 20 M 53 | 8Д36 | 9°50 | 29°52 | 17°20 | F 2 |
| S 3 | 14 46 22 | 13°25'38 | 14°48 | 21°41 | 23°47 | 15°46 | 3°28 | 8°49 | 12°39 | 4°26 | 20°51 | 8°33 | 9°46 | 29°58 | 17°24 | S 3 |
| S 4 | 14 50 19 | 14°24'35 | 29° 1 | 23°17 | 24°56 | 16°23 | 3°35 | 8°56 | 12°38 | 4°26 | 20°49 | 8°29 | 9°43 | 09 5 | 17°27 | S 4 |
| M 5 | 14 54 15 | 15°23'31 | 13 M 32 | 24°54 | 26° 6 | 16°59 | 3°42 | 9° 3 | 12°38 | 4°26 | 20°48 | 8°27 | 9°40 | 0°11 | 17°31 | M 5 |
| T 6 | 14 58 12 | 16°22'24 | 28°17 | 26°33 | 27°15 | 17°35 | 3°48 | 9°10 | 12°37 | 4°R26 | 20°46 | 8°25 | 9°37 | 0°18 | 17°35 | T 6 |
| W 7 | 15 2 8 | 17°21'16 | 13 ×7 8 | 28°13 | 28°23 | 18°11 | 3°56 | 9°17 | 12°36 | 4°26 | 20°44 | 8°D25 | 9°34 | 0°25 | 17°38 | W 7 |
| T 8 | 15 6 5 | 18°20'06 | 27°57 | 29°55 | 29°32 | 18°47 | 4° 3 | 9°25 | 12°35 | 4°26 | 20°43 | 8°26 | 9°30 | 0°31 | 17°42 | T 8 |
| F 9 | 15 10 2 | 19°18'54 | 12 る 38 | 1 8 39 | 09541 | 19°24 | 4°10 | 9°32 | 12°35 | 4°26 | 20°41 | 8°27 | 9°27 | 0°38 | 17°46 | F 9 |
| S 10 | 15 13 58 | 20°17'41 | 27° 6 | 3°24 | 1°49 | 20° 0 | 4°18 | 9°39 | 12°34 | 4°25 | 20°39 | 8°28 | 9°24 | 0°45 | 17°49 | S 10 |
| S 11 | 15 17 55 | 21°16'26 | 11≈17 | 5°11 | 2°58 | 20°36 | 4°25 | 9°47 | 12°34 | 4°25 | 20°38 | 8°29 | 9°21 | 0°51 | 17°53 | S 11 |
| M12 | 15 21 51 | 22°15'09 | 25°10 | 6°59 | 4° 6 | 21°13 | 4°33 | 9°54 | 12°33 | 4°25 | 20°36 | 8°R29 | 9°18 | 0°58 | 17°57 | M12 |
| T 13 | 15 25 48 | 23°13'51 | 8) (44 | 8°49 | 5°14 | 21°49 | 4°41 | 10° 2 | 12°33 | 4°25 | 20°34 | 8°29 | 9°15 | 1° 5 | 18° 0 | T 13 |
| W14 | 15 29 44 | 24°12'31 | 22° 1 | 10°41 | 6°21 | 22°25 | 4°49 | 10° 9 | 12°33 | 4°25 | 20°32 | 8°28 | 9°11 | 1°11 | 18° 4 | W14 |
| T 15 | 15 33 41 | 25°11'09 | 5 ℃ 1 | 12°34 | 7°29 | 23° 2 | 4°57 | 10°17 | 12°32 | 4°24 | 20°31 | 8°26 | 9° 8 | 1°18 | 18° 8 | T 15 |
| F 16 | 15 37 37 | 26° 9'46 | 17°47 | 14°29 | 8°37 | 23°38 | 5° 5 | 10°24 | 12°32 | 4°24 | 20°29 | 8°24 | 9° 5 | 1°25 | 18°11 | F 16 |
| S 17 | 15 41 34 | 27° 8'21 | 0819 | 16°25 | 9°44 | 24°15 | 5°14 | 10°32 | 12°32 | 4°24 | 20°27 | 8°23 | 9° 2 | 1°31 | 18°15 | S 17 |
| S 18 | 15 45 31 | 28° 6'54 | 12°39 | 18°23 | 10°51 | 24°51 | 5°22 | 10°39 | 12°32 | 4°23 | 20°26 | 8°21 | 8°59 | 1°38 | 18°19 | S 18 |
| M19 | 15 49 27 | 29° 5'26 | 24°48 | 20°23 | 11°58 | 25°28 | 5°31 | 10°47 | 12°32 | 4°23 | 20°24 | 8°21 | 8°56 | 1°45 | 18°22 | M19 |
| T 20 | 15 53 24 | 0耳 3'56 | 6 Ⅱ 49 | 22°24 | 13° 5 | 26° 4 | 5°40 | 10°54 | 12°D32 | 4°22 | 20°22 | 8°D20 | 8°52 | 1°51 | 18°26 | T 20 |
| W21 | 15 57 20 | 1° 2'25 | 18°44 | 24°27 | 14°11 | 26°41 | 5°49 | 11° 2 | 12°32 | 4°22 | 20°21 | 8°20 | 8°49 | 1°58 | 18°29 | W21 |
| T 22 | 16 117 | 2° 0'51 | 0ഇ33 | 26°31 | 15°18 | 27°17 | 5°58 | 11°10 | 12°32 | 4°21 | 20°19 | 8°21 | 8°46 | 2° 5 | 18°33 | T 22 |
| F 23 | 16 5 13 | 2°59'15 | 12°21 | 28°37 | 16°24 | 27°54 | 6° 7 | 11°17 | 12°32 | 4°21 | 20°17 | 8°21 | 8°43 | 2°11 | 18°37 | F 23 |
| S 24 | 16 9 10 | 3°57'38 | 24°10 | 0 Ⅱ 43 | 17°30 | 28°30 | 6°16 | 11°25 | 12°32 | 4°20 | 20°16 | 8°22 | 8°40 | 2°18 | 18°40 | S 24 |
| S 25 | 16 13 6 | 4°55'59 | 6 Ω 4 | 2°51 | 18°36 | 29° 7 | 6°25 | 11°32 | 12°33 | 4°20 | 20°14 | 8°22 | 8°36 | 2°25 | 18°44 | S 25 |
| M26 | 16 17 3 | 5°54'17 | 18° 6 | 5° 0 | 19°42 | 29°43 | 6°35 | 11°40 | 12°33 | 4°19 | 20°12 | 8°23 | 8°33 | 2°31 | 18°47 | M26 |
| T 27 | 16 21 0 | 6°52'34 | 0 m 22 | 7° 9 | 20°47 | $0\Omega 20$ | 6°44 | 11°48 | 12°33 | 4°18 | 20°11 | 8°23 | 8°30 | 2°38 | 18°51 | T 27 |
| W28 | 16 24 56 | 7°50'49 | 12°54 | 9°19 | 21°52 | 0°56 | 6°54 | 11°55 | 12°34 | 4°18 | 20° 9 | 8°23 | 8°27 | 2°45 | 18°54 | W28 |
| T 29 | 16 28 53 | 8°49'01 | 25°49 | 11°29 | 22°57 | 1°33 | 7° 4 | 12° 3 | 12°34 | 4°17 | 20° 8 | 8°23 | 8°24 | 2°51 | 18°58 | T 29 |
| F 30 | 16 32 49 | 9°47'12 | 9 ≙ 7 | 13°40 | 24° 2 | 2°10 | 7°14 | 12°11 | 12°35 | 4°16 | 20° 6 | 8°23 | 8°21 | 2°58 | 19° 1 | F 30 |
| S 31 | 16 36 46 | 10 Ⅱ 45'21 | 22 ₾ 53 | 15 Ⅱ 50 | 259 6 | 2 N 46 | 7Ω 24 | 12 Ⅱ 18 | 12 M 35 | 4≈15 | 20M 4 | 8Д23 | 8 Ⅱ 17 | 3 9 5 | 198 5 | S 31 |

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|------|----------|-------------------|----------------|----------------|--------------|---------------|---------------|-----------------|-----------------|-------|----------------|----------------|---------------|-------|----------------|------|
| S 1 | 16 40 42 | 11 Ⅱ 43'28 | 7 M 4 | 17 Ⅱ 59 | 269510 | 3 £ 23 | 7 Ω 34 | 12∏26 | 12 M)36 | 4°R15 | 20°R 3 | 8Д23 | 8 Д 14 | 39511 | 19 8 8 | S 1 |
| M 2 | 16 44 39 | 12°41'33 | 21°40 | 20° 8 | 27°14 | 3°59 | 7°44 | 12°34 | 12°37 | 4≈14 | 20 M 1 | 8°24 | 8°11 | 3°18 | 19°12 | M 2 |
| T 3 | 16 48 35 | 13°39'37 | 6 ₹ 35 | 22°16 | 28°18 | 4°36 | 7°54 | 12°41 | 12°38 | 4°13 | 20° 0 | 8°R24 | 8° 8 | 3°25 | 19°15 | T 3 |
| W 4 | 16 52 32 | 14°37'39 | 21°41 | 24°22 | 29°21 | 5°13 | 8° 4 | 12°49 | 12°38 | 4°12 | 19°58 | 8°24 | 8° 5 | 3°31 | 19°19 | W 4 |
| T 5 | 16 56 29 | 15°35'40 | 6 ප 50 | 26°26 | $0\Omega 24$ | 5°49 | 8°15 | 12°57 | 12°39 | 4°11 | 19°57 | 8°23 | 8° 2 | 3°38 | 19°22 | T 5 |
| F 6 | 17 0 25 | 16°33'39 | 21°52 | 28°29 | 1°27 | 6°26 | 8°25 | 13° 4 | 12°40 | 4°10 | 19°55 | 8°22 | 7°58 | 3°44 | 19°25 | F 6 |
| S 7 | 17 4 22 | 17°31'37 | 6≈40 | 0929 | 2°29 | 7° 3 | 8°36 | 13°12 | 12°41 | 4° 9 | 19°54 | 8°21 | 7°55 | 3°51 | 19°29 | S 7 |
| S 8 | 17 8 18 | 18°29'34 | 21° 6 | 2°28 | 3°31 | 7°39 | 8°47 | 13°20 | 12°42 | 4° 8 | 19°53 | 8°20 | 7°52 | 3°58 | 19°32 | S 8 |
| M 9 | 17 12 15 | 19°27'30 | 5 米 9 | 4°23 | 4°33 | 8°16 | 8°57 | 13°27 | 12°43 | 4° 7 | 19°51 | 8°20 | 7°49 | 4° 4 | 19°35 | M 9 |
| T 10 | 17 16 11 | 20°25'24 | 18°46 | 6°16 | 5°35 | 8°53 | 9° 8 | 13°35 | 12°44 | 4° 6 | 19°50 | 8°D19 | 7°46 | 4°11 | 19°39 | T 10 |
| W11 | 17 20 8 | 21°23'17 | 2 Υ 0 | 8° 7 | 6°36 | 9°29 | 9°19 | 13°42 | 12°45 | 4° 5 | 19°48 | 8°20 | 7°42 | 4°18 | 19°42 | W11 |
| T 12 | 17 24 5 | 22°21'09 | 14°51 | 9°54 | 7°37 | 10° 6 | 9°30 | 13°50 | 12°47 | 4° 4 | 19°47 | 8°20 | 7°39 | 4°24 | 19°45 | T 12 |
| F 13 | 17 28 1 | 23°19'00 | 27°25 | 11°38 | 8°37 | 10°43 | 9°41 | 13°58 | 12°48 | 4° 3 | 19°46 | 8°21 | 7°36 | 4°31 | 19°48 | F 13 |
| S 14 | 17 31 58 | 24°16'50 | 9 8 43 | 13°19 | 9°37 | 11°20 | 9°53 | 14° 5 | 12°49 | 4° 2 | 19°44 | 8°23 | 7°33 | 4°38 | 19°51 | S 14 |
| S 15 | 17 35 54 | 25°14'38 | 21°50 | 14°58 | 10°37 | 11°56 | 10° 4 | 14°13 | 12°51 | 4° 1 | 19°43 | 8°24 | 7°30 | 4°44 | 19°55 | S 15 |
| M16 | 17 39 51 | 26°12'26 | 3耳48 | 16°33 | 11°37 | 12°33 | 10°15 | 14°20 | 12°52 | 4° 0 | 19°42 | 8°R25 | 7°27 | 4°51 | 19°58 | M16 |
| T 17 | 17 43 47 | 27°10'13 | 15°40 | 18° 4 | 12°36 | 13°10 | 10°27 | 14°28 | 12°53 | 3°58 | 19°40 | 8°25 | 7°23 | 4°58 | 20° 1 | T 17 |
| W18 | 17 47 44 | 28° 7'58 | 27°29 | 19°33 | 13°34 | 13°47 | 10°38 | 14°35 | 12°55 | 3°57 | 19°39 | 8°23 | 7°20 | 5° 4 | 20° 4 | W18 |
| T 19 | 17 51 40 | 29° 5'42 | 9 9 17 | 20°58 | 14°32 | 14°24 | 10°50 | 14°43 | 12°57 | 3°56 | 19°38 | 8°21 | 7°17 | 5°11 | 20° 7 | T 19 |
| F 20 | 17 55 37 | 0ණ 3'25 | 21° 6 | 22°20 | 15°30 | 15° 0 | 11° 1 | 14°51 | 12°58 | 3°55 | 19°37 | 8°18 | 7°14 | 5°18 | 20°10 | F 20 |
| S 21 | 17 59 34 | 1° 1'06 | $2\Omega_{59}$ | 23°39 | 16°27 | 15°37 | 11°13 | 14°58 | 13° 0 | 3°53 | 19°36 | 8°15 | 7°11 | 5°24 | 20°13 | S 21 |
| S 22 | 18 3 30 | 1°58'47 | 14°56 | 24°54 | 17°24 | 16°14 | 11°25 | 15° 5 | 13° 2 | 3°52 | 19°34 | 8°11 | 7° 8 | 5°31 | 20°16 | S 22 |
| M23 | 18 7 27 | 2°56'26 | 27° 3 | 26° 6 | 18°20 | 16°51 | 11°36 | 15°13 | 13° 3 | 3°51 | 19°33 | 8° 7 | 7° 4 | 5°38 | 20°19 | M23 |
| T 24 | 18 11 23 | 3°54'03 | 9 m 20 | 27°14 | 19°16 | 17°28 | 11°48 | 15°20 | 13° 5 | 3°49 | 19°32 | 8° 4 | 7° 1 | 5°44 | 20°22 | T 24 |
| W25 | 18 15 20 | 4°51'39 | 21°53 | 28°19 | 20°12 | 18° 5 | 12° 0 | 15°28 | 13° 7 | 3°48 | 19°31 | 8° 2 | 6°58 | 5°51 | 20°25 | W25 |
| T 26 | 18 19 16 | 5°49'14 | 4 º 43 | 29°20 | 21° 6 | 18°41 | 12°12 | 15°35 | 13° 9 | 3°47 | 19°30 | 8°D 2 | 6°55 | 5°58 | 20°27 | T 26 |
| F 27 | 18 23 13 | 6°46'48 | 17°55 | 0Ω 17 | 22° 0 | 19°18 | 12°24 | 15°42 | 13°11 | 3°45 | 19°29 | 8° 2 | 6°52 | 6° 4 | 20°30 | F 27 |
| S 28 | 18 27 9 | 7°44'20 | 1 M .31 | 1°10 | 22°54 | 19°55 | 12°36 | 15°50 | 13°13 | 3°44 | 19°28 | 8° 3 | 6°48 | 6°11 | 20°33 | S 28 |
| S 29 | 18 31 6 | 8°41'52 | 15°34 | 2° 0 | 23°47 | 20°32 | 12°49 | 15°57 | 13°15 | 3°42 | 19°27 | 8° 5 | 6°45 | 6°18 | 20°36 | S 29 |
| M30 | 18 35 3 | 9939'22 | 0 才 1 | $2\Omega 45$ | 24⋒39 | 21 Ω 9 | 13 N 1 | 16 I I 4 | 13 M 17 | 3≈41 | 19 M 26 | 8 I I 6 | 6∐42 | 69524 | 20 8 38 | M30 |

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|--------------|----------------------|----------------------|---------------------------------|------------------------|--------------------------|-----------------|-------------------------|--------------------------------------|-------------------------|-----------------------|--------------------------|---------------|----------------|-----------------------|----------------|--------------|
| T 1 | 18 38 59 | 10936'51 | 14 ×7 51 | 3 Ω 27 | 25⋒31 | 21 Ω 46 | 13 Ω 13 | 16耳12 | 13 M 19 | 3°R40 | 19°R25 | 8°R 6 | 6 II 39 | 6931 | 20841 | T 1 |
| W 2 | 18 42 56 | 11°34'19 | 2 <u>9</u> °57 | 4° 4 | 26°22 | 22°23 | 13°25 | 16°19 | 13°21 | 3≈38 | 19 M 24 | 8耳 5 | 6°36 | 6°38 | 20°44 | W 2 |
| T 3 | 18 46 52 | 12°31'46 | 15 る 11 | 4°38 | 27°13 | 23° 0 | 13°38 | 16°26 | 13°23 | 3°37 | 19°24 | 8° 2 | 6°33 | 6°44 | 20°46 | T 3 |
| F 4 | 18 50 49 | 13°29'12 | 0≈24 | 5° 6 | 28° 2 | 23°37 | 13°50 | 16°33 | 13°26 | 3°35 | 19°23 | 7°57 | 6°29 | 6°51 | 20°49 | F 4 |
| S 5 | 18 54 45 | 14°26'38 | 15°24 | 5°31 | 28°51 | 24°14 | 14° 3 | 16°40 | 13°28 | 3°34 | 19°22 | 7°52 | 6°26 | 6°58 | 20°51 | S 5 |
| S 6 | 18 58 42 | 15°24'02 | 0 ∺ 4 | 5°51 | 29°39 | 24°51 | 14°15 | 16°47 | 13°30 | 3°32 | 19°21 | 7°47 | 6°23 | 7° 4 | 20°54 | S 6 |
| M 7 | 19 2 39 | 16°21'27 | 14°18 | 6° 6 | 0 m 27 | 25°28 | 14°28 | 16°54 | 13°33 | 3°31 | 19°20 | 7°42 | 6°20 | 7°11 | 20°56 | M 7 |
| T 8 | 19 6 35 | 17°18'51 | 28° 3 | 6°17 | 1°13 | 26° 5 | 14°40 | 17° 1 | 13°35 | 3°29 | 19°20 | 7°39 | 6°17 | 7°18 | 20°58 | T 8 |
| W 9 T 10 | 19 10 32 19 14 28 | 18°16'14 19°13'37 | 11 Υ 20 24°11 | 6°24 6°R26 | 1°59 2°43 | 26°41 27°18 | 14°53 15° 6 | 17° 8 17°15 | 13°37 13°40 | 3°28 3°26 | 19°19 19°18 | 7°38 7°D37 | 6°14 6°10 | 7°24 7°31 | 21° 1 21° 3 | W 9 T 10 |
| F 11 | 19 14 28 | 20°11'00 | 6840 | 6°23 | 3°27 | 27°55 | 15°18 | 17°13 | 13°42 | 3°24 | 19 18 19°18 | 7°38 | 6° 7 | 7°38 | 21° 5 | F 11 |
| S 12 | 19 22 21 | 21° 8'22 | 18°53 | 6°16 | 4°10 | 28°32 | 15°31 | 17°29 | 13°45 | 3°23 | 19°17 | 7°40 | 6° 4 | 7°44 | 21° 8 | S 12 |
| S 13 | 19 26 18 | 22° 5'44 | 0П53 | 6° 4 | 4°52 | 29°10 | 15°44 | 17°36 | 13°48 | 3°21 | 19°17 | 7°41 | 6° 1 | 7°51 | 21°10 | S 13 |
| M14 | 19 26 18 | 23° 3'44 23° 3'06 | 12°45 | 5°49 | 5°33 | 29°10 29°47 | 15°44 15°57 | 17°36 | 13°48 13°50 | 3°21 | 19°17 | 7°R41 | 5°58 | 7°58 | 21°10 21°12 | M14 |
| T 15 | 19 34 11 | 24° 0'28 | 24°33 | 5°29 | 6°13 | 0m 24 | 16°10 | 17°49 | 13°53 | 3°18 | 19°16 | 7°39 | 5°54 | 8° 4 | 21°14 | T 15 |
| W16 | 19 38 8 | 24°57'49 | 6920 | 5° 6 | 6°52 | 1° 1 | 16°22 | 17°56 | 13°56 | 3°16 | 19°15 | 7°36 | 5°51 | 8°11 | 21°16 | W16 |
| T 17 | 19 42 4 | 25°55'10 | 18° 9 | 4°40 | 7°29 | 1°38 | 16°35 | 18° 2 | 13°58 | 3°15 | 19°15 | 7°30 | 5°48 | 8°18 | 21°18 | T 17 |
| F 18 | 19 46 1 | 26°52'31 | 0 Ω 3 | 4°11 | 8° 5 | 2°15 | 16°48 | 18° 9 | 14° 1 | 3°13 | 19°15 | 7°22 | 5°45 | 8°24 | 21°20 | F 18 |
| S 19 | 19 49 57 | 27°49'51 | 12° 2 | 3°39 | 8°41 | 2°52 | 17° 1 | 18°16 | 14° 4 | 3°12 | 19°14 | 7°13 | 5°42 | 8°31 | 21°22 | S 19 |
| S 20 | 19 53 54 | 28°47'10 | 24° 9 | 3° 6 | 9°14 | 3°29 | 17°14 | 18°22 | 14° 7 | 3°10 | 19°14 | 7° 4 | 5°39 | 8°38 | 21°24 | S 20 |
| M21 | 19 57 50 | 29°44'30 | 6Mp24 | 2°31 | 9°47 | 4° 6 | 17°27 | 18°28 | 14°10 | 3°8 | 19°14 | 6°55 | 5°35 | 8°44 | 21°26 | M21 |
| T 22 | 20 1 47 | 0 Ω 41'48 | 18°50 | 1°55 | 10°18 | 4°43 | 17°41 | 18°35 | 14°13 | 3° 7 | 19°13 | 6°47 | 5°32 | 8°51 | 21°27 | T 22 |
| W23 | 20 5 43 | 1°39'07 | 1 <u>₽</u> 28 | 1°19 | 10°48 | 5°21 | 17°54 | 18°41 | 14°16 | 3° 5 | 19°13 | 6°41 | 5°29 | 8°58 | 21°29 | W23 |
| T 24 | 20 9 40 | 2°36'24 | 14°21 | 0°44 | 11°16 | 5°58 | 18° 7 | 18°47 | 14°19 | 3° 4 | 19°13 | 6°37 | 5°26 | 9° 4 | 21°31 | T 24 |
| F 25 S 26 | 20 13 37 20 17 33 | 3°33'42 4°30'59 | 27°31 11 M 1 | 0° 9 29 © 36 | 11°43 12° 7 | 6°35 7°12 | 18°20 18°33 | 18°54 19° 0 | 14°22 14°25 | 3° 2 3° 0 | 19°13 19°13 | 6°35 6°D35 | 5°23 5°20 | 9°11 9°18 | 21°32 21°34 | F 25 S 26 |
| | | | | | | | | | | | | | | | | |
| S 27 | 20 21 30 | 5°28'15 | 24°52 | 29° 6 | 12°31 | 7°49 | 18°46 | 19° 6 | 14°28 | 2°59 | 19°13 | 6°36 | 5°16 | 9°24 | 21°35 | S 27 |
| M28 | 20 25 26 | 6°25'31 | 9 ∡ 7 6 | 28°38 | 12°52 | 8°26 | 19° 0 | 19°12 | 14°31 | 2°57 | 19°12 | 6°R36 | 5°13 | 9°31 | 21°37 | M28 |
| T 29 W30 | 20 29 23 20 33 19 | 7°22'47 8°20'03 | 23°42 8 る 34 | 28°13 27°52 | 13°12 13°30 | 9° 4 9°41 | 19°13 19°26 | 19°18 19°24 | 14°34 14°37 | 2°55 2°54 | 19°D12 19°12 | 6°35 6°32 | 5°10 5° 7 | 9°38 9°44 | 21°38 21°40 | T 29 W30 |
| T 31 | 20 33 19 20 37 16 | $9\Omega 17'18$ | 8 0 34 23 て 39 | 27935 | 13°30 13 m)46 | 10 m)18 | 19^{26} $19\Omega 39$ | 19 ¹ 24 19 Ⅱ 30 | 14°37 14 m 40 | 2°54 2 ≈ 52 | 19*12 19 M -13 | 6 Ⅱ 26 | 5 Ⅱ 4 | 9°44 9 © 51 | 21841 | T 31 |
| 1 31 | 203/10 | 7061/10 | 23 039 | 21-355 | ידעווכי | סו עוויים | 170637 | 1/11/30 | ידעוודי | ∠~5∠ | 1711013 | 01120 | JД 4 |)- 3 01 | 21071 | 1 31 |

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|------|----------|--------------------|----------------|----------------|---------------|-----------------|----------------|-----------------|----------------|-------|-----------------|---------------|---------------|--------|----------------|------|
| F 1 | 20 41 12 | 10 Ω 14'34 | 8≈45 | 27°R23 | 14 mg 0 | 10 m 55 | 19 Ω 53 | 19 Ⅲ 36 | 14 Mp 44 | 2°R51 | 19 M .13 | 6°R18 | 5 I 0 | 9958 | 21842 | F 1 |
| S 2 | 20 45 9 | 11°11'49 | 23°45 | 279515 | 14°12 | 11°33 | 20° 6 | 19°41 | 14°47 | 2≈49 | 19°13 | 6 II 9 | 4°57 | 10° 4 | 21°44 | S 2 |
| S 3 | 20 49 6 | 12° 9'05 | 8) €27 | 27°D12 | 14°22 | 12°10 | 20°19 | 19°47 | 14°50 | 2°47 | 19°13 | 5°59 | 4°54 | 10°11 | 21°45 | S 3 |
| M 4 | 20 53 2 | 13° 6'20 | 22°45 | 27°15 | 14°29 | 12°47 | 20°32 | 19°53 | 14°53 | 2°46 | 19°13 | 5°51 | 4°51 | 10°18 | 21°46 | M 4 |
| T 5 | 20 56 59 | 14° 3'36 | 6 Υ 36 | 27°22 | 14°35 | 13°24 | 20°46 | 19°58 | 14°57 | 2°44 | 19°13 | 5°44 | 4°48 | 10°24 | 21°47 | T 5 |
| W 6 | 21 0 55 | 15° 0'53 | 19°57 | 27°35 | 14°38 | 14° 2 | 20°59 | 20° 4 | 15° 0 | 2°43 | 19°14 | 5°39 | 4°45 | 10°31 | 21°48 | W 6 |
| T 7 | 21 4 52 | 15°58'10 | 2 8 51 | 27°53 | 14°R39 | 14°39 | 21°12 | 20° 9 | 15° 3 | 2°41 | 19°14 | 5°36 | 4°41 | 10°38 | 21°49 | T 7 |
| F 8 | 21 8 48 | 16°55'27 | 15°22 | 28°17 | 14°38 | 15°16 | 21°26 | 20°14 | 15° 7 | 2°40 | 19°14 | 5°D36 | 4°38 | 10°44 | 21°50 | F 8 |
| S 9 | 21 12 45 | 17°52'45 | 27°34 | 28°47 | 14°34 | 15°54 | 21°39 | 20°20 | 15°10 | 2°38 | 19°15 | 5°36 | 4°35 | 10°51 | 21°51 | S 9 |
| S 10 | 21 16 41 | 18°50'04 | 9Д33 | 29°21 | 14°28 | 16°31 | 21°53 | 20°25 | 15°14 | 2°36 | 19°15 | 5°R36 | 4°32 | 10°58 | 21°52 | S 10 |
| M11 | 21 20 38 | 19°47'23 | 21°24 | 0 Ω 2 | 14°20 | 17° 9 | 22° 6 | 20°30 | 15°17 | 2°35 | 19°15 | 5°35 | 4°29 | 11° 4 | 21°52 | M11 |
| T 12 | 21 24 35 | 20°44'43 | 39511 | 0°47 | 14° 9 | 17°46 | 22°19 | 20°35 | 15°21 | 2°33 | 19°16 | 5°32 | 4°26 | 11°11 | 21°53 | T 12 |
| W13 | 21 28 31 | 21°42'04 | 15° 0 | 1°38 | 13°56 | 18°23 | 22°33 | 20°40 | 15°24 | 2°32 | 19°16 | 5°26 | 4°22 | 11°18 | 21°54 | W13 |
| T 14 | 21 32 28 | 22°39'25 | 26°53 | 2°34 | 13°40 | 19° 1 | 22°46 | 20°45 | 15°27 | 2°30 | 19°17 | 5°18 | 4°19 | 11°24 | 21°54 | T 14 |
| F 15 | 21 36 24 | 23°36'46 | 8 Ω 53 | 3°36 | 13°22 | 19°38 | 22°59 | 20°50 | 15°31 | 2°29 | 19°17 | 5° 7 | 4°16 | 11°31 | 21°55 | F 15 |
| S 16 | 21 40 21 | 24°34'09 | 21° 3 | 4°42 | 13° 2 | 20°16 | 23°13 | 20°55 | 15°35 | 2°27 | 19°18 | 4°54 | 4°13 | 11°38 | 21°55 | S 16 |
| S 17 | 21 44 17 | 25°31'31 | 3 m 22 | 5°54 | 12°40 | 20°53 | 23°26 | 20°59 | 15°38 | 2°26 | 19°19 | 4°41 | 4°10 | 11°44 | 21°56 | S 17 |
| M18 | 21 48 14 | 26°28'54 | 15°52 | 7°10 | 12°15 | 21°31 | 23°39 | 21° 4 | 15°42 | 2°24 | 19°19 | 4°28 | 4° 6 | 11°51 | 21°56 | M18 |
| T 19 | 21 52 10 | 27°26'18 | 28°33 | 8°32 | 11°49 | 22° 8 | 23°53 | 21° 8 | 15°45 | 2°23 | 19°20 | 4°17 | 4° 3 | 11°58 | 21°57 | T 19 |
| W20 | 21 56 7 | 28°23'42 | 11 ≏ 25 | 9°58 | 11°21 | 22°46 | 24° 6 | 21°13 | 15°49 | 2°22 | 19°21 | 4° 8 | 4° 0 | 12° 4 | 21°57 | W20 |
| T 21 | 22 0 4 | 29°21'06 | 24°29 | 11°28 | 10°50 | 23°23 | 24°20 | 21°17 | 15°52 | 2°20 | 19°21 | 4° 2 | 3°57 | 12°11 | 21°57 | T 21 |
| F 22 | 22 4 0 | 0 m) 18'31 | 7 M .46 | 13° 3 | 10°19 | 24° 1 | 24°33 | 21°22 | 15°56 | 2°19 | 19°22 | 3°59 | 3°54 | 12°18 | 21°57 | F 22 |
| S 23 | 22 7 57 | 1°15'57 | 21°17 | 14°42 | 9°45 | 24°39 | 24°46 | 21°26 | 16° 0 | 2°17 | 19°23 | 3°58 | 3°51 | 12°25 | 21°57 | S 23 |
| S 24 | 22 11 53 | 2°13'23 | 5 ₹ 4 | 16°24 | 9°11 | 25°16 | 24°59 | 21°30 | 16° 3 | 2°16 | 19°24 | 3°57 | 3°47 | 12°31 | 21°57 | S 24 |
| M25 | 22 15 50 | 3°10'49 | 19° 7 | 18°11 | 8°35 | 25°54 | 25°13 | 21°34 | 16° 7 | 2°15 | 19°25 | 3°57 | 3°44 | 12°38 | 21°R57 | M25 |
| T 26 | 22 19 46 | 4° 8'16 | 3 る 27 | 20° 0 | 7°59 | 26°31 | 25°26 | 21°38 | 16°11 | 2°13 | 19°26 | 3°55 | 3°41 | 12°45 | 21°57 | T 26 |
| W27 | 22 23 43 | 5° 5'43 | 18° 0 | 21°53 | 7°22 | 27° 9 | 25°39 | 21°42 | 16°14 | 2°12 | 19°27 | 3°51 | 3°38 | 12°51 | 21°57 | W27 |
| T 28 | 22 27 39 | 6° 3'11 | 2≈44 | 23°48 | 6°44 | 27°47 | 25°53 | 21°46 | 16°18 | 2°11 | 19°28 | 3°45 | 3°35 | 12°58 | 21°57 | T 28 |
| F 29 | 22 31 36 | 7° 0'40 | 17°31 | 25°45 | 6° 7 | 28°24 | 26° 6 | 21°49 | 16°22 | 2°10 | 19°29 | 3°35 | 3°32 | 13° 5 | 21°57 | F 29 |
| S 30 | 22 35 33 | 7°58'09 | 2) €14 | 27°44 | 5°29 | 29° 2 | 26°19 | 21°53 | 16°25 | 2° 8 | 19°30 | 3°24 | 3°28 | 13°11 | 21°57 | S 30 |
| S 31 | 22 39 29 | 8 m 55'40 | 16 ∺ 45 | 29 Ω 45 | 4 m 52 | 29 m /40 | 26 Ω 32 | 21 II 56 | 16 M 29 | 2≈ 7 | 19 M 31 | 3 I I3 | 3 Ⅱ 25 | 139518 | 21 8 56 | S 31 |

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|------|----------|------------------|-----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|-------|----------------|---------------|----------------|--------|----------------|------|
| M 1 | 22 43 26 | 9 m 53'11 | 0 Υ 56 | 1 m) 47 | 4°R15 | 0 ჲ 18 | 26 Ω 45 | 22 I I 0 | 16 m 33 | 2°R 6 | 19 M 32 | 3°R 3 | 3 II 22 | 139525 | 21°R56 | M 1 |
| T 2 | 22 47 22 | 10°50'43 | 14°44 | 3°50 | 3 m 40 | 0°55 | 26°58 | 22° 3 | 16°37 | 2≈ 5 | 19°33 | 2耳54 | 3°19 | 13°31 | 21 8 55 | T 2 |
| W 3 | 22 51 19 | 11°48'17 | 28° 4 | 5°53 | 3° 5 | 1°33 | 27°12 | 22° 6 | 16°40 | 2° 4 | 19°34 | 2°48 | 3°16 | 13°38 | 21°55 | W 3 |
| T 4 | 22 55 15 | 12°45'51 | 118 0 | 7°56 | 2°32 | 2°11 | 27°25 | 22° 9 | 16°44 | 2° 2 | 19°36 | 2°44 | 3°12 | 13°45 | 21°54 | T 4 |
| F 5 | 22 59 12 | 13°43'27 | 23°32 | 10° 0 | 2° 0 | 2°49 | 27°38 | 22°13 | 16°48 | 2° 1 | 19°37 | 2°42 | 3° 9 | 13°51 | 21°54 | F 5 |
| S 6 | 23 3 8 | 14°41'05 | 5 Ⅱ 46 | 12° 3 | 1°29 | 3°27 | 27°51 | 22°15 | 16°51 | 2° 0 | 19°38 | 2°D42 | 3° 6 | 13°58 | 21°53 | S 6 |
| S 7 | 23 7 5 | 15°38'44 | 17°46 | 14° 5 | 1° 1 | 4° 4 | 28° 4 | 22°18 | 16°55 | 1°59 | 19°39 | 2°R42 | 3° 3 | 14° 5 | 21°53 | S 7 |
| M 8 | 23 11 2 | 16°36'24 | 29°38 | 16° 7 | 0°34 | 4°42 | 28°17 | 22°21 | 16°59 | 1°58 | 19°41 | 2°41 | 3° 0 | 14°11 | 21°52 | M 8 |
| T 9 | 23 14 58 | 17°34'06 | 119527 | 18° 7 | 0°10 | 5°20 | 28°30 | 22°24 | 17° 3 | 1°57 | 19°42 | 2°39 | 2°57 | 14°18 | 21°51 | T 9 |
| W10 | 23 18 55 | 18°31'49 | 23°19 | 20° 7 | 29 Ω 47 | 5°58 | 28°43 | 22°26 | 17° 6 | 1°56 | 19°43 | 2°34 | 2°53 | 14°25 | 21°50 | W10 |
| T 11 | 23 22 51 | 19°29'34 | 5 Ω 16 | 22° 6 | 29°27 | 6°36 | 28°56 | 22°29 | 17°10 | 1°55 | 19°45 | 2°27 | 2°50 | 14°31 | 21°49 | T 11 |
| F 12 | 23 26 48 | 20°27'20 | 17°23 | 24° 4 | 29° 9 | 7°14 | 29° 9 | 22°31 | 17°14 | 1°54 | 19°46 | 2°17 | 2°47 | 14°38 | 21°48 | F 12 |
| S 13 | 23 30 44 | 21°25'07 | 29°43 | 26° 0 | 28°54 | 7°52 | 29°21 | 22°33 | 17°18 | 1°53 | 19°48 | 2° 6 | 2°44 | 14°45 | 21°47 | S 13 |
| S 14 | 23 34 41 | 22°22'56 | 12 M p16 | 27°55 | 28°41 | 8°30 | 29°34 | 22°36 | 17°21 | 1°52 | 19°49 | 1°54 | 2°41 | 14°51 | 21°46 | S 14 |
| M15 | 23 38 37 | 23°20'46 | 25° 3 | 29°49 | 28°30 | 9° 8 | 29°47 | 22°38 | 17°25 | 1°51 | 19°51 | 1°42 | 2°37 | 14°58 | 21°45 | M15 |
| T 16 | 23 42 34 | 24°18'37 | 8 ₾ 3 | 1 ≏ 41 | 28°21 | 9°46 | 29°59 | 22°40 | 17°29 | 1°51 | 19°52 | 1°32 | 2°34 | 15° 5 | 21°44 | T 16 |
| W17 | 23 46 30 | 25°16'30 | 21°16 | 3°33 | 28°15 | 10°24 | 0 Mp 12 | 22°42 | 17°32 | 1°50 | 19°54 | 1°24 | 2°31 | 15°11 | 21°43 | W17 |
| T 18 | 23 50 27 | 26°14'24 | 4M.40 | 5°22 | 28°12 | 11° 2 | 0°25 | 22°43 | 17°36 | 1°49 | 19°55 | 1°18 | 2°28 | 15°18 | 21°41 | T 18 |
| F 19 | 23 54 24 | 27°12'19 | 18°14 | 7°11 | 28°D11 | 11°41 | 0°38 | 22°45 | 17°40 | 1°48 | 19°57 | 1°15 | 2°25 | 15°25 | 21°40 | F 19 |
| S 20 | 23 58 20 | 28°10'15 | 1 才 58 | 8°58 | 28°12 | 12°19 | 0°50 | 22°47 | 17°44 | 1°48 | 19°59 | 1°D15 | 2°22 | 15°31 | 21°39 | S 20 |
| S 21 | 0 2 17 | 29° 8'13 | 15°50 | 10°44 | 28°15 | 12°57 | 1° 3 | 22°48 | 17°47 | 1°47 | 20° 0 | 1°15 | 2°18 | 15°38 | 21°37 | S 21 |
| M22 | 0 6 13 | 0 ♀ 6'12 | 29°52 | 12°28 | 28°21 | 13°35 | 1°15 | 22°49 | 17°51 | 1°46 | 20° 2 | 1°R16 | 2°15 | 15°45 | 21°36 | M22 |
| T 23 | 0 10 10 | 1° 4'12 | 14る 2 | 14°12 | 28°28 | 14°13 | 1°28 | 22°51 | 17°55 | 1°45 | 20° 4 | 1°15 | 2°12 | 15°52 | 21°34 | T 23 |
| W24 | 0 14 6 | 2° 2'13 | 28°19 | 15°53 | 28°38 | 14°52 | 1°40 | 22°52 | 17°58 | 1°45 | 20° 6 | 1°12 | 2° 9 | 15°58 | 21°33 | W24 |
| T 25 | 0 18 3 | 3° 0'16 | 12≈41 | 17°34 | 28°50 | 15°30 | 1°52 | 22°53 | 18° 2 | 1°44 | 20° 7 | 1° 7 | 2° 6 | 16° 5 | 21°31 | T 25 |
| F 26 | 0 21 59 | 3°58'19 | 27° 3 | 19°14 | 29° 5 | 16° 8 | 2° 4 | 22°54 | 18° 6 | 1°44 | 20° 9 | 1° 0 | 2° 3 | 16°12 | 21°30 | F 26 |
| S 27 | 0 25 56 | 4°56'24 | 11 ∺ 20 | 20°52 | 29°21 | 16°46 | 2°17 | 22°54 | 18° 9 | 1°43 | 20°11 | 0°52 | 1°59 | 16°18 | 21°28 | S 27 |
| S 28 | 0 29 53 | 5°54'31 | 25°27 | 22°29 | 29°39 | 17°25 | 2°29 | 22°55 | 18°13 | 1°43 | 20°13 | 0°43 | 1°56 | 16°25 | 21°26 | S 28 |
| M29 | 0 33 49 | 6°52'39 | 9 Υ 19 | 24° 5 | 29°59 | 18° 3 | 2°41 | 22°56 | 18°16 | 1°42 | 20°15 | 0°34 | 1°53 | 16°32 | 21°24 | M29 |
| T 30 | 0 37 46 | 7 ≙ 50'49 | 22 Y 52 | 25 ≙ 39 | 0 m 20 | 18 ≏ 42 | 2 m 53 | 22 II 56 | 18 M 20 | 1≈42 | 20 M 17 | 0 Ⅱ 27 | 1 II 50 | 16938 | 21823 | T 30 |

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| W 1 | 0 41 42 | 8 ≏ 49'00 | 6 8 4 | 27 ₽ 13 | 0 m 44 | 19 ≏ 20 | 3 m) 5 | 22 II 57 | 18 m 24 | 1°R41 | 20 M 19 | 0°R23 | 1 Ⅱ 47 | 169345 | 21°R21 | W 1 |
| T 2 | 0 45 39 | 9°47'13 | 18°55 | 28°45 | 1° 9 | 19°58 | 3°17 | 22°57 | 18°27 | 1≈41 | 20°21 | 0П20 | 1°43 | 16°52 | 21819 | T 2 |
| F 3 | 0 49 35 | 10°45'28 | 1Д26 | 0 M .16 | 1°36 | 20°37 | 3°29 | 22°57 | 18°31 | 1°41 | 20°22 | 0°D19 | 1°40 | 16°58 | 21°17 | F 3 |
| S 4 | 0 53 32 | 11°43'46 | 13°40 | 1°46 | 2° 5 | 21°15 | 3°40 | 22°R57 | 18°34 | 1°40 | 20°24 | 0°20 | 1°37 | 17° 5 | 21°15 | S 4 |
| S 5 | 0 57 28 | 12°42'05 | 25°41 | 3°15 | 2°35 | 21°54 | 3°52 | 22°57 | 18°38 | 1°40 | 20°26 | 0°21 | 1°34 | 17°12 | 21°13 | S 5 |
| M 6 | 1 1 25 | 13°40'26 | 7934 | 4°43 | 3° 6 | 22°32 | 4° 4 | 22°57 | 18°41 | 1°40 | 20°28 | 0°22 | 1°31 | 17°18 | 21°11 | M 6 |
| T 7 | 1 5 22 | 14°38'49 | 19°24 | 6° 9 | 3°39 | 23°11 | 4°15 | 22°57 | 18°45 | 1°40 | 20°30 | 0°R22 | 1°28 | 17°25 | 21° 9 | T 7 |
| W 8 | 1 9 18 | 15°37'14 | 1 Ω 17 | 7°34 | 4°13 | 23°50 | 4°27 | 22°57 | 18°48 | 1°40 | 20°33 | 0°21 | 1°24 | 17°32 | 21° 7 | W 8 |
| T 9 | 1 13 15 | 16°35'41 | 13°17 | 8°58 | 4°49 | 24°28 | 4°38 | 22°56 | 18°51 | 1°39 | 20°35 | 0°18 | 1°21 | 17°38 | 21° 4 | T 9 |
| F 10 | 1 17 11 | 17°34'10 | 25°29 | 10°21 | 5°26 | 25° 7 | 4°50 | 22°55 | 18°55 | 1°39 | 20°37 | 0°13 | 1°18 | 17°45 | 21° 2 | F 10 |
| S 11 | 1 21 8 | 18°32'41 | 7 m 55 | 11°43 | 6° 4 | 25°46 | 5° 1 | 22°55 | 18°58 | 1°39 | 20°39 | 0° 6 | 1°15 | 17°52 | 21° 0 | S 11 |
| S 12 | 1 25 4 | 19°31'14 | 20°38 | 13° 3 | 6°43 | 26°24 | 5°12 | 22°54 | 19° 2 | 1°39 | 20°41 | 29 8 59 | 1°12 | 17°59 | 20°58 | S 12 |
| M13 | 1 29 1 | 20°29'49 | 3 ≏ 40 | 14°22 | 7°24 | 27° 3 | 5°24 | 22°53 | 19° 5 | 1°D39 | 20°43 | 29°52 | 1° 9 | 18° 5 | 20°55 | M13 |
| T 14 | 1 32 57 | 21°28'26 | 16°59 | 15°39 | 8° 5 | 27°42 | 5°35 | 22°52 | 19°8 | 1°39 | 20°45 | 29°46 | 1° 5 | 18°12 | 20°53 | T 14 |
| W15 | 1 36 54 | 22°27'05 | 0 M .34 | 16°55 | 8°48 | 28°21 | 5°46 | 22°51 | 19°12 | 1°39 | 20°47 | 29°42 | 1° 2 | 18°19 | 20°51 | W15 |
| T 16 | 1 40 51 | 23°25'46 | 14°23 | 18°10 | 9°32 | 28°59 | 5°57 | 22°50 | 19°15 | 1°39 | 20°50 | 29°39 | 0°59 | 18°25 | 20°48 | T 16 |
| F 17 | 1 44 47 | 24°24'28 | 28°22 | 19°23 | 10°16 | 29°38 | 6° 7 | 22°48 | 19°18 | 1°39 | 20°52 | 29°D38 | 0°56 | 18°32 | 20°46 | F 17 |
| S 18 | 1 48 44 | 25°23'12 | 12 × 29 | 20°34 | 11° 2 | 0 M .17 | 6°18 | 22°47 | 19°21 | 1°40 | 20°54 | 29°38 | 0°53 | 18°39 | 20°43 | S 18 |
| S 19 | 1 52 40 | 26°21'58 | 26°40 | 21°43 | 11°48 | 0°56 | 6°29 | 22°46 | 19°24 | 1°40 | 20°56 | 29°40 | 0°49 | 18°45 | 20°41 | S 19 |
| M20 | 1 56 37 | 27°20'46 | 10 る 52 | 22°51 | 12°35 | 1°35 | 6°39 | 22°44 | 19°28 | 1°40 | 20°59 | 29°41 | 0°46 | 18°52 | 20°38 | M20 |
| T 21 | 2 0 33 | 28°19'35 | 25° 4 | 23°56 | 13°24 | 2°14 | 6°50 | 22°42 | 19°31 | 1°40 | 21° 1 | 29°R42 | 0°43 | 18°59 | 20°36 | T 21 |
| W22 | 2 4 30 | 29°18'26 | 9 ≈ 13 | 24°59 | 14°12 | 2°53 | 7° 0 | 22°40 | 19°34 | 1°41 | 21° 3 | 29°42 | 0°40 | 19° 5 | 20°33 | W22 |
| T 23 | 2 8 26 | 0ML17'18 | 23°19 | 26° 0 | 15° 2 | 3°32 | 7°11 | 22°38 | 19°37 | 1°41 | 21° 5 | 29°40 | 0°37 | 19°12 | 20°31 | T 23 |
| F 24 | 2 12 23 | 1°16'12 | 7 ₩18 | 26°58 | 15°53 | 4°11 | 7°21 | 22°36 | 19°40 | 1°41 | 21° 8 | 29°37 | 0°34 | 19°19 | 20°28 | F 24 |
| S 25 | 2 16 20 | 2°15'07 | 21° 8 | 27°53 | 16°44 | 4°50 | 7°31 | 22°34 | 19°43 | 1°42 | 21°10 | 29°33 | 0°30 | 19°25 | 20°25 | S 25 |
| S 26 | 2 20 16 | 3°14'05 | 4 Υ48 | 28°46 | 17°36 | 5°29 | 7°41 | 22°32 | 19°46 | 1°42 | 21°12 | 29°29 | 0°27 | 19°32 | 20°23 | S 26 |
| M27 | 2 24 13 | 4°13'04 | 18°14 | 29°35 | 18°28 | 6° 8 | 7°51 | 22°30 | 19°49 | 1°42 | 21°15 | 29°25 | 0°24 | 19°39 | 20°20 | M27 |
| T 28 | 2 28 9 | 5°12'05 | 1825 | 0 ₹ 21 | 19°22 | 6°48 | 8° 1 | 22°27 | 19°52 | 1°43 | 21°17 | 29°22 | 0°21 | 19°46 | 20°17 | T 28 |
| W29 | 2 32 6 | 6°11'08 | 14°20 | 1° 2 | 20°16 | 7°27 | 8°10 | 22°25 | 19°55 | 1°43 | 21°19 | 29°20 | 0°18 | 19°52 | 20°15 | W29 |
| T 30 | 2 36 2 | 7°10'13 | 26°59 | 1°40 | 21°10 | 8° 6 | 8°20 | 22°22 | 19°57 | 1°44 | 21°22 | 29°D19 | 0°14 | 19°59 | 20°12 | T 30 |
| F 31 | 2 39 59 | 8M 9'20 | 9Ⅱ23 | 2 7 12 | 22 Mp 5 | 8 M .45 | 8 m 29 | 22 II 20 | 20MD 0 | 1≈45 | 21 m 24 | 29820 | 0 Ⅱ 11 | 2095 6 | 208 9 | F 31 |

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| S 1 | 2 43 55 | 9M 8'29 | 21 川 33 | 2 , 740 | 23 Mp 1 | 9 M 25 | 8 m 39 | 22°R17 | 20 Mg 3 | 1≈45 | 21 M 26 | 29821 | 0Д 8 | 20912 | 20°R 6 | S 1 |
| S 2 | 2 47 52 | 10° 7'40 | 3933 | 3° 2 | 23°57 | 10° 4 | 8°48 | 22∏14 | 20° 6 | 1°46 | 21°29 | 29°22 | 0° 5 | 20°19 | 208 4 | S 2 |
| M 3 | 2 51 48 | 11° 6'54 | 15°26 | 3°18 | 24°54 | 10°43 | 8°57 | 22°11 | 20° 8 | 1°46 | 21°31 | 29°24 | 0° 2 | 20°26 | 20° 1 | M 3 |
| T 4 | 2 55 45 | 12° 6'09 | 27°17 | 3°28 | 25°52 | 11°23 | 9° 6 | 22° 8 | 20°11 | 1°47 | 21°33 | 29°25 | 29 8 59 | 20°32 | 19°58 | T 4 |
| W 5 | 2 59 42 | 13° 5'27 | 9Ω10 | 3°R31 | 26°50 | 12° 2 | 9°15 | 22° 5 | 20°14 | 1°48 | 21°36 | 29°R26 | 29°55 | 20°39 | 19°55 | W 5 |
| T 6 | 3 3 38 | 14° 4'47 | 21° 9 | 3°26 | 27°48 | 12°42 | 9°24 | 22° 2 | 20°16 | 1°49 | 21°38 | 29°26 | 29°52 | 20°46 | 19°52 | T 6 |
| F 7 | 3 7 35 | 15° 4'10 | 3 Mp 20 | 3°13 | 28°47 | 13°21 | 9°33 | 21°58 | 20°19 | 1°50 | 21°41 | 29°25 | 29°49 | 20°52 | 19°50 | F 7 |
| S 8 | 3 11 31 | 16° 3'34 | 15°47 | 2°52 | 29°46 | 14° 1 | 9°41 | 21°55 | 20°21 | 1°50 | 21°43 | 29°24 | 29°46 | 20°59 | 19°47 | S 8 |
| S 9 | 3 15 28 | 17° 3'01 | 28°33 | 2°23 | 0 ჲ 46 | 14°40 | 9°50 | 21°51 | 20°24 | 1°51 | 21°46 | 29°22 | 29°43 | 21° 6 | 19°44 | S 9 |
| M10 | 3 19 24 | 18° 2'30 | 11 ≏ 42 | 1°44 | 1°46 | 15°20 | 9°58 | 21°48 | 20°26 | 1°52 | 21°48 | 29°20 | 29°40 | 21°13 | 19°41 | M10 |
| T 11 | 3 23 21 | 19° 2'01 | 25°12 | 0°58 | 2°47 | 16° 0 | 10° 6 | 21°44 | 20°28 | 1°53 | 21°50 | 29°19 | 29°36 | 21°19 | 19°38 | T 11 |
| W12 | 3 27 17 | 20° 1'34 | 9M 5 | 0° 3 | 3°48 | 16°39 | 10°14 | 21°40 | 20°31 | 1°54 | 21°53 | 29°18 | 29°33 | 21°26 | 19°36 | W12 |
| T 13 F 14 | 3 31 14 3 35 11 | 21° 1'09 22° 0'46 | 23°16 7 ×7 42 | 29 % 1 27°54 | 4°49 5°51 | 17°19 17°59 | 10°22 10°30 | 21°37 21°33 | 20°33 20°35 | 1°55 1°56 | 21°55 21°58 | 29°D18 29°18 | 29°30 29°27 | 21°33 21°39 | 19°33 19°30 | T 13 F 14 |
| S 15 | 3 33 11 | 23° 0'25 | 22°17 | 26°41 | 6°53 | 17 39 18°38 | 10°38 | 21°29 | 20°38 | 1°57 | 21° 38 | 29°18 | 29°24 | 21°46 | 19°30 19°27 | S 15 |
| | | | | _ | | | | | | | | | - | | | |
| S 16 | 3 43 4 | 24° 0'06 | 6 궁 54 | 25°26 | 7°56 | 19°18 | 10°45 | 21°25 | 20°40 | 1°58 | 22° 2 | 29°18 | 29°20 | 21°53 | 19°24 | S 16 |
| M17 | 3 47 0 | 24°59'48 | 21°28 | 24°10 | 8°59 | 19°58 | 10°53 | 21°21 | 20°42 | 1°59 2° 0 | 22° 5 22° 7 | 29°19 29°19 | 29°17 | 21°59 | 19°21 19°19 | M17 |
| T 18 W19 | 3 50 57 3 54 53 | 25°59'32 26°59'18 | 5 ≈ 54 20° 9 | 22°56 21°46 | 10° 2 11° 5 | 20°38 21°18 | 11° 0 11° 7 | 21°17 21°13 | 20°44 20°46 | 2° 0 2° 2 | 22° / 22°10 | 29°19 29°19 | 29°14 29°11 | 22° 6 22°13 | 19°19 19°16 | T 18 W19 |
| T 20 | 3 58 50 | 20 39 18 27°59'05 | 20 9 4 ¥ 9 | 20°42 | 11° 3 | 21°58 | 11°14 | 21° 8 | 20°48 | 2° 3 | 22°12 | 29 19 29°R19 | 29°11 29°8 | 22°19 | 19 10 19°13 | T 20 |
| F 21 | 4 2 47 | 28°58'54 | 17°55 | 19°47 | 13°13 | 21°38 | 11°21 | 21° 4 | 20°50 | 2° 4 | 22°14 | 29°D19 | 29° 5 | 22°26 | 19°10 | F 21 |
| S 22 | 4 6 43 | 29°58'44 | 1 γ 25 | 19° 0 | 14°18 | 23°18 | 11°28 | 21° 0 | 20°52 | 2° 5 | 22°17 | 29°19 | 29° 1 | 22°33 | 19° 7 | S 22 |
| | | | 14°41 | 10025 | 15°23 | | 11°34 | 20°55 | | 2° 7 | 22°19 | 29°19 | - | 22°40 | 19° 5 | S 23 |
| S 23 M24 | 4 10 40 4 14 36 | 0 ₹ 58'36 1°58'29 | 27°42 | 18°25 18° 1 | 15°23 16°28 | 23°58 24°38 | 11°34 11°41 | 20°55 20°51 | 20°53 20°55 | 2° 8 | 22°19 22°22 | 29°19 29°20 | 28°58 28°55 | 22°40 22°46 | 19° 5 | S 23 M24 |
| T 25 | 4 14 30 | 2°58'24 | 10830 | 17°48 | 17°33 | 25°18 | 11°47 | 20°47 | 20°57 | 2° 9 | 22°24 | 29°20 | 28°52 | 22°53 | 18°59 | T 25 |
| W26 | 4 22 29 | 3°58'21 | 23° 5 | 17°D47 | 18°39 | 25°58 | 11°53 | 20°42 | 20°59 | 2°11 | 22°26 | 29°R20 | 28°49 | 23° 0 | 18°56 | W26 |
| T 27 | 4 26 26 | 4°58'20 | 5 ∏ 28 | 17°57 | 19°44 | 26°38 | 11°59 | 20°38 | 21° 0 | 2°12 | 22°29 | 29°20 | 28°46 | 23° 6 | 18°54 | T 27 |
| F 28 | 4 30 22 | 5°58'21 | 17°41 | 18°17 | 20°50 | 27°19 | 12° 5 | 20°33 | 21° 2 | 2°14 | 22°31 | 29°20 | 28°42 | 23°13 | 18°51 | F 28 |
| S 29 | 4 34 19 | 6°58'23 | 29°45 | 18°47 | 21°57 | 27°59 | 12°10 | 20°28 | 21° 3 | 2°15 | 22°34 | 29°19 | 28°39 | 23°20 | 18°48 | S 29 |
| S 30 | 4 38 16 | 7 , ₹58'27 | 119542 | 19 M 26 | 23 ₾ 3 | 28 M .39 | 12 m 16 | 20 Ⅱ 24 | 21 m 5 | 2≈16 | 22 M 36 | 29818 | 28 8 36 | 239526 | 18 8 46 | S 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ [™] | 4 | ħ |)∤(| ¥ | Р | ß | v | Ç | , k | Day |
|-------------|--------------------|---------------------------|-------------------------|--------------------------|-----------------|-----------------|-----------------|----------------|----------------|--------------|----------------|-----------------|----------------|----------------|----------------|-------------|
| M 1 | 4 42 12 | 8 ₹ ¹58'33 | 23934 | 20 M 12 | 24 <u>₽</u> 10 | 29 TL 19 | 12 m)21 | 20°R19 | 21 Mp 6 | 2≈18 | 22 M 38 | 29°R17 | 28 8 33 | 23933 | 18°R43 | M 1 |
| T 2 | 4 46 9 | 9°58'42 | 5 Ω 24 | 21° 6 | 25°17 | 29°59 | 12°26 | 20∏14 | 21° 8 | 2°20 | 22°41 | 29 8 15 | 28°30 | 23°40 | 18 8 41 | T 2 |
| W 3 | 4 50 5 | 10°58'51 | 17°16 | 22° 6 | 26°25 | 0 , 740 | 12°31 | 20° 9 | 21° 9 | 2°21 | 22°43 | 29°14 | 28°26 | 23°47 | 18°38 | W 3 |
| T 4 | 4 54 2 | 11°59'03 | 29°14 | 23°11 | 27°32 | 1°21 | 12°36 | 20° 5 | 21°10 | 2°23 | 22°45 | 29°13 | 28°23 | 23°53 | 18°35 | T 4 |
| F 5 | 4 57 58 | 12°59'17 | 11 Mp 22 | 24°21 | 28°40 | 2° 1 | 12°41 | 20° 0 | 21°11 | 2°24 | 22°48 | 29°D12 | 28°20 | 24° 0 | 18°33 | F 5 |
| S 6 | 5 1 55 | 13°59'33 | 23°45 | 25°36 | 29°48 | 2°42 | 12°45 | 19°55 | 21°13 | 2°26 | 22°50 | 29°13 | 28°17 | 24° 7 | 18°30 | S 6 |
| S 7 | 5 5 5 1 | 14°59'50 | 6 ≏ 27 | 26°53 | 0 M .56 | 3°22 | 12°50 | 19°50 | 21°14 | 2°28 | 22°52 | 29°13 | 28°14 | 24°13 | 18°28 | S 7 |
| M 8 | 5 9 48 | 16° 0'10 | 19°31 | 28°13 | 2° 4 | 4° 3 | 12°54 | 19°45 | 21°15 | 2°29 | 22°54 | 29°15 | 28°11 | 24°20 | 18°25 | M 8 |
| T 9 | 5 13 45 | 17° 0'31 | 3M 2 | 29°36 | 3°13 | 4°43 | 12°58 | 19°41 | 21°16 | 2°31 | 22°57 | 29°16 | 28° 7 | 24°27 | 18°23 | T 9 |
| W10 T 11 | 5 17 41 5 21 38 | 18° 0'54 19° 1'19 | 16°59 1 × 721 | 1 ✓ 1 2°28 | 4°22 5°30 | 5°24 6° 5 | 13° 1 13° 5 | 19°36 19°31 | 21°17 21°18 | 2°33 2°34 | 22°59 23° 1 | 29°17 29°R17 | 28° 4 28° 1 | 24°33 24°40 | 18°21 18°18 | W10 T 11 |
| F 12 | 5 21 38 5 25 34 | 20° 1'46 | 18'21 16° 4 | 3°56 | 6°39 | 6°45 | 13° 8 | 19°31 19°26 | 21°18 | 2°36 | 23° 3 | 29°R17 | 27°58 | 24°40 24°47 | 18°18 | F 12 |
| S 13 | 5 29 31 | 21° 2'14 | 1중 2 | 5°25 | 7°49 | 7°26 | 13°12 | 19°21 | 21°19 | 2°38 | 23° 6 | 29°15 | 27°55 | 24°54 | 18°14 | S 13 |
| | | | | | | | | _ | - | | | | | - | _ | |
| S 14 | 5 33 27 | 22° 2'44 | 16° 6 | 6°56 | 8°58 10°8 | 8° 7 | 13°15 | 19°16 | 21°20 | 2°40 | 23° 8 | 29°12 29° 9 | 27°52 | 25° 0 25° 7 | 18°11 | S 14 |
| M15 T 16 | 5 37 24 5 41 21 | 23° 3'15 24° 3'47 | 1 ≈ 6 15°55 | 8°27 9°58 | 10° 8 11°17 | 8°48 9°29 | 13°18 13°20 | 19°11 19° 7 | 21°21 21°21 | 2°42 2°43 | 23°10 23°12 | 29° 9 | 27°48 27°45 | 25° / 25°14 | 18° 9 18° 7 | M15 T 16 |
| W17 | 5 41 21 | 24° 3'47 25° 4'21 | 0)(25 | 11°31 | 11°17 12°27 | 10°10 | 13°23 | 19° 7 | 21°21 | 2°45 | 23°12 23°14 | 29° 3 | 27°43 27°42 | 25°14 25°20 | 18° 5 | W17 |
| T 18 | 5 49 14 | 26° 4'55 | 14°34 | 13° 3 | 13°37 | 10°51 | 13°25 | 18°57 | 21°22 | 2°47 | 23°16 | 29° 1 | 27°39 | 25°27 | 18° 3 | T 18 |
| F 19 | 5 53 10 | 27° 5'30 | 28°19 | 14°36 | 14°47 | 11°32 | 13°27 | 18°52 | 21°23 | 2°49 | 23°19 | 29°D 1 | 27°36 | 25°34 | 18° 1 | F 19 |
| S 20 | 5 57 7 | 28° 6'07 | 11 Y 41 | 16° 9 | 15°57 | 12°13 | 13°29 | 18°47 | 21°23 | 2°51 | 23°21 | 29° 1 | 27°32 | 25°40 | 17°59 | S 20 |
| S 21 | 6 1 3 | 29° 6'44 | 24°42 | 17°42 | 17° 8 | 12°54 | 13°31 | 18°43 | 21°23 | 2°53 | 23°23 | 29° 3 | 27°29 | 25°47 | 17°57 | S 21 |
| M22 | 6 5 0 | 27 044 0 ප 7'22 | 7 8 26 | 19°16 | 18°18 | 13°35 | 13°32 | 18°38 | 21°24 | 2°55 | 23°25 | 29° 5 | 27°26 | 25°54 | 17°55 | M22 |
| T 23 | 6 8 56 | 1° 8'02 | 19°56 | 20°49 | 19°29 | 14°16 | 13°34 | 18°33 | 21°24 | 2°57 | 23°27 | 29° 6 | 27°23 | 26° 1 | 17°53 | T 23 |
| W24 | 6 12 53 | 2° 8'43 | 2∐14 | 22°23 | 20°40 | 14°57 | 13°35 | 18°28 | 21°24 | 2°59 | 23°29 | 29°R 6 | 27°20 | 26° 7 | 17°51 | W24 |
| T 25 | 6 16 50 | 3° 9'24 | 14°22 | 23°57 | 21°50 | 15°38 | 13°36 | 18°24 | 21°24 | 3° 1 | 23°31 | 29° 5 | 27°17 | 26°14 | 17°49 | T 25 |
| F 26 | 6 20 46 | 4°10'07 | 26°24 | 25°30 | 23° 1 | 16°20 | 13°37 | 18°19 | 21°24 | 3° 3 | 23°33 | 29° 2 | 27°13 | 26°21 | 17°48 | F 26 |
| S 27 | 6 24 43 | 5°10'51 | 8921 | 27° 4 | 24°12 | 17° 1 | 13°37 | 18°15 | 21°R24 | 3° 5 | 23°35 | 28°57 | 27°10 | 26°27 | 17°46 | S 27 |
| S 28 | 6 28 39 | 6°11'36 | 20°14 | 28°38 | 25°24 | 17°42 | 13°38 | 18°10 | 21°24 | 3° 7 | 23°37 | 28°51 | 27° 7 | 26°34 | 17°44 | S 28 |
| M29 | 6 32 36 | 7°12'23 | 2 N 5 | 0중12 | 26°35 | 18°24 | 13°R38 | 18° 6 | 21°24 | 3° 9 | 23°39 | 28°43 | 27° 4 | 26°41 | 17°43 | M29 |
| T 30 | 6 36 32 | 8°13'10 | 13°57 | 1°45 | 27°46 | 19° 5 | 13°38 | 18° 1 | 21°24 | 3°11 | 23°40 | 28°35 | 27° 1 | 26°47 | 17°41 | T 30 |
| W31 | 6 40 29 | 9 る 13'59 | 25 Ω 50 | 3 る 19 | 28 IL 58 | 19 ,7 46 | 13 m 38 | 17 Ⅱ 57 | 21 Mp 24 | 3≈13 | 23 M 42 | 28 8 28 | 26 8 58 | 26954 | 17 8 39 | W31 |

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|------|---------|-------------------|----------------|---------------|---------------|----------------|----------------|-----------------|----------------|------|-------|----------------|----------------|---------------|----------------|------|
| T 1 | 6 44 25 | 10 る 14'48 | 7 m 49 | 4 る 53 | 0 才 10 | 20 × 28 | 13°R37 | 17°R53 | 21°R23 | 3≈16 | 23M44 | 28°R22 | 26 8 54 | 2795 1 | 17°R38 | T 1 |
| F 2 | 6 48 22 | 11°15'39 | 19°55 | 6°27 | 1°21 | 21° 9 | 13 m 37 | 17 Ⅱ 48 | 21 Mp 23 | 3°18 | 23°46 | 28 8 18 | 26°51 | 27° 8 | 17 8 37 | F 2 |
| S 3 | 6 52 19 | 12°16'31 | 2 ≏ 14 | 8° 1 | 2°33 | 21°51 | 13°36 | 17°44 | 21°23 | 3°20 | 23°48 | 28°15 | 26°48 | 27°14 | 17°35 | S 3 |
| S 4 | 6 56 15 | 13°17'24 | 14°50 | 9°35 | 3°45 | 22°33 | 13°35 | 17°40 | 21°22 | 3°22 | 23°49 | 28°D15 | 26°45 | 27°21 | 17°34 | S 4 |
| M 5 | 7 0 12 | 14°18'19 | 27°46 | 11° 9 | 4°57 | 23°14 | 13°34 | 17°36 | 21°22 | 3°24 | 23°51 | 28°15 | 26°42 | 27°28 | 17°33 | M 5 |
| T 6 | 7 4 8 | 15°19'14 | 11 M 8 | 12°43 | 6° 9 | 23°56 | 13°32 | 17°32 | 21°21 | 3°26 | 23°53 | 28°17 | 26°38 | 27°34 | 17°31 | T 6 |
| W 7 | 7 8 5 | 16°20'11 | 24°56 | 14°17 | 7°21 | 24°38 | 13°31 | 17°28 | 21°21 | 3°28 | 23°55 | 28°R17 | 26°35 | 27°41 | 17°30 | W 7 |
| T 8 | 7 12 1 | 17°21'09 | 9 √ 14 | 15°51 | 8°34 | 25°19 | 13°29 | 17°24 | 21°20 | 3°31 | 23°56 | 28°17 | 26°32 | 27°48 | 17°29 | T 8 |
| F 9 | 7 15 58 | 18°22'08 | 23°57 | 17°26 | 9°46 | 26° 1 | 13°27 | 17°20 | 21°19 | 3°33 | 23°58 | 28°14 | 26°29 | 27°55 | 17°28 | F 9 |
| S 10 | 7 19 54 | 19°23'07 | 9 る 2 | 19° 0 | 10°59 | 26°43 | 13°25 | 17°17 | 21°18 | 3°35 | 23°59 | 28°10 | 26°26 | 28° 1 | 17°27 | S 10 |
| S 11 | 7 23 51 | 20°24'08 | 24°20 | 20°35 | 12°11 | 27°25 | 13°22 | 17°13 | 21°18 | 3°37 | 24° 1 | 28° 2 | 26°23 | 28° 8 | 17°26 | S 11 |
| M12 | 7 27 48 | 21°25'09 | 9 ≈ 38 | 22°10 | 13°24 | 28° 7 | 13°20 | 17° 9 | 21°17 | 3°40 | 24° 3 | 27°54 | 26°19 | 28°15 | 17°25 | M12 |
| T 13 | 7 31 44 | 22°26'10 | 24°47 | 23°45 | 14°36 | 28°49 | 13°17 | 17° 6 | 21°16 | 3°42 | 24° 4 | 27°45 | 26°16 | 28°21 | 17°24 | T 13 |
| W14 | 7 35 41 | 23°27'12 | 9)(37 | 25°20 | 15°49 | 29°31 | 13°14 | 17° 2 | 21°15 | 3°44 | 24° 6 | 27°38 | 26°13 | 28°28 | 17°24 | W14 |
| T 15 | 7 39 37 | 24°28'14 | 24° 0 | 26°55 | 17° 2 | 0 궁 13 | 13°11 | 16°59 | 21°14 | 3°46 | 24° 7 | 27°32 | 26°10 | 28°35 | 17°23 | T 15 |
| F 16 | 7 43 34 | 25°29'16 | 7 Ƴ 55 | 28°31 | 18°15 | 0°55 | 13° 8 | 16°56 | 21°13 | 3°48 | 24° 8 | 27°28 | 26° 7 | 28°41 | 17°22 | F 16 |
| S 17 | 7 47 30 | 26°30'18 | 21°20 | 0≈ 7 | 19°27 | 1°37 | 13° 4 | 16°53 | 21°12 | 3°51 | 24°10 | 27°D26 | 26° 4 | 28°48 | 17°22 | S 17 |
| S 18 | 7 51 27 | 27°31'20 | 4 8 20 | 1°43 | 20°40 | 2°19 | 13° 0 | 16°49 | 21°10 | 3°53 | 24°11 | 27°26 | 26° 0 | 28°55 | 17°21 | S 18 |
| M19 | 7 55 24 | 28°32'23 | 16°58 | 3°20 | 21°53 | 3° 1 | 12°57 | 16°46 | 21° 9 | 3°55 | 24°13 | 27°27 | 25°57 | 29° 2 | 17°21 | M19 |
| T 20 | 7 59 20 | 29°33'26 | 29°19 | 4°56 | 23° 6 | 3°43 | 12°52 | 16°44 | 21° 8 | 3°58 | 24°14 | 27°R27 | 25°54 | 29° 8 | 17°20 | T 20 |
| W21 | 8 3 17 | 0≈34'28 | 11 Ⅲ 26 | 6°33 | 24°20 | 4°26 | 12°48 | 16°41 | 21° 7 | 4° 0 | 24°15 | 27°26 | 25°51 | 29°15 | 17°20 | W21 |
| T 22 | 8 7 13 | 1°35'31 | 23°25 | 8°10 | 25°33 | 5° 8 | 12°44 | 16°38 | 21° 5 | 4° 2 | 24°16 | 27°23 | 25°48 | 29°22 | 17°19 | T 22 |
| F 23 | 8 11 10 | 2°36'34 | 59519 | 9°48 | 26°46 | 5°50 | 12°39 | 16°35 | 21° 4 | 4° 4 | 24°18 | 27°17 | 25°44 | 29°28 | 17°19 | F 23 |
| S 24 | 8 15 6 | 3°37'37 | 17°11 | 11°25 | 27°59 | 6°33 | 12°35 | 16°33 | 21° 2 | 4° 7 | 24°19 | 27° 8 | 25°41 | 29°35 | 17°19 | S 24 |
| S 25 | 8 19 3 | 4°38'41 | 29° 2 | 13° 3 | 29°12 | 7°15 | 12°30 | 16°30 | 21° 1 | 4° 9 | 24°20 | 26°56 | 25°38 | 29°42 | 17°19 | S 25 |
| M26 | 8 22 59 | 5°39'44 | $10\Omega54$ | 14°41 | 0 궁 26 | 7°58 | 12°25 | 16°28 | 20°59 | 4°11 | 24°21 | 26°43 | 25°35 | 29°49 | 17°19 | M26 |
| T 27 | 8 26 56 | 6°40'47 | 22°49 | 16°19 | 1°39 | 8°40 | 12°19 | 16°26 | 20°58 | 4°13 | 24°22 | 26°29 | 25°32 | 29°55 | 17°D19 | T 27 |
| W28 | 8 30 53 | 7°41'51 | 4 m 48 | 17°57 | 2°53 | 9°23 | 12°14 | 16°24 | 20°56 | 4°16 | 24°23 | 26°16 | 25°29 | 0 Ω 2 | 17°19 | W28 |
| T 29 | 8 34 49 | 8°42'54 | 16°53 | 19°35 | 4° 6 | 10° 5 | 12° 9 | 16°22 | 20°54 | 4°18 | 24°24 | 26° 4 | 25°25 | 0° 9 | 17°19 | T 29 |
| F 30 | 8 38 46 | 9°43'58 | 29° 5 | 21°13 | 5°20 | 10°48 | 12° 3 | 16°20 | 20°53 | 4°20 | 24°25 | 25°55 | 25°22 | 0°15 | 17°19 | F 30 |
| S 31 | 8 42 42 | 10≈45'02 | 11 ≏ 26 | 22≈51 | 6 ප 33 | 11 る 30 | 11 M 57 | 16 I I18 | 20 m 51 | 4≈22 | 24M26 | 25 8 48 | 25 8 19 | 0 Ω 22 | 17 8 19 | S 31 |

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|------|----------|------------------|-----------------|----------------|---------------|----------------|-----------------|-----------------|-----------------|------|----------------|----------------|----------------|---------------|----------------|------|
| S 1 | 8 46 39 | 11≈46'06 | 24 ♀ 1 | 24≈29 | 7 궁 47 | 12 る 13 | 11°R51 | 16°R16 | 20°R49 | 4≈25 | 24 M 27 | 25°R45 | 25 8 16 | 0 Ω 29 | 17 8 19 | S 1 |
| M 2 | 8 50 35 | 12°47'10 | 6 M 53 | 26° 6 | 9° 1 | 12°56 | 11 M p45 | 16 Ⅱ 15 | 20 m /47 | 4°27 | 24°28 | 25 8 44 | 25°13 | 0°36 | 17°20 | M 2 |
| T 3 | 8 54 32 | 13°48'14 | 20° 5 | 27°43 | 10°14 | 13°38 | 11°39 | 16°13 | 20°45 | 4°29 | 24°29 | 25°44 | 25°10 | 0°42 | 17°20 | T 3 |
| W 4 | 8 58 28 | 14°49'19 | 3 . ₹42 | 29°19 | 11°28 | 14°21 | 11°32 | 16°12 | 20°43 | 4°31 | 24°29 | 25°43 | 25° 6 | 0°49 | 17°21 | W 4 |
| T 5 | 9 2 25 | 15°50'23 | 17°45 | 0 ∺ 55 | 12°42 | 15° 4 | 11°26 | 16°10 | 20°41 | 4°34 | 24°30 | 25°42 | 25° 3 | 0°56 | 17°21 | T 5 |
| F 6 | 9 6 22 | 16°51'28 | 2 る 15 | 2°29 | 13°56 | 15°47 | 11°19 | 16° 9 | 20°39 | 4°36 | 24°31 | 25°38 | 25° 0 | 1° 2 | 17°22 | F 6 |
| S 7 | 9 10 18 | 17°52'33 | 17° 9 | 4° 2 | 15°10 | 16°30 | 11°13 | 16° 8 | 20°37 | 4°38 | 24°32 | 25°31 | 24°57 | 1° 9 | 17°22 | S 7 |
| S 8 | 9 14 15 | 18°53'37 | 2≈19 | 5°32 | 16°23 | 17°13 | 11° 6 | 16° 7 | 20°35 | 4°40 | 24°32 | 25°22 | 24°54 | 1°16 | 17°23 | S 8 |
| M 9 | 9 18 11 | 19°54'41 | 17°37 | 7° 1 | 17°37 | 17°56 | 10°59 | 16° 6 | 20°33 | 4°43 | 24°33 | 25°11 | 24°50 | 1°22 | 17°24 | M 9 |
| T 10 | 9 22 8 | 20°55'45 | 2) 51 | 8°27 | 18°51 | 18°39 | 10°52 | 16° 5 | 20°31 | 4°45 | 24°34 | 24°59 | 24°47 | 1°29 | 17°24 | T 10 |
| W11 | 9 26 4 | 21°56'48 | 17°49 | 9°50 | 20° 5 | 19°22 | 10°44 | 16° 5 | 20°29 | 4°47 | 24°34 | 24°48 | 24°44 | 1°36 | 17°25 | W11 |
| T 12 | 9 30 1 | 22°57'50 | 2 Υ 24 | 11° 9 | 21°19 | 20° 5 | 10°37 | 16° 4 | 20°26 | 4°49 | 24°35 | 24°38 | 24°41 | 1°43 | 17°26 | T 12 |
| F 13 | 9 33 57 | 23°58'52 | 16°29 | 12°23 | 22°33 | 20°48 | 10°30 | 16° 4 | 20°24 | 4°51 | 24°35 | 24°32 | 24°38 | 1°49 | 17°27 | F 13 |
| S 14 | 9 37 54 | 24°59'53 | 0 8 4 | 13°32 | 23°47 | 21°31 | 10°22 | 16° 4 | 20°22 | 4°54 | 24°35 | 24°28 | 24°35 | 1°56 | 17°28 | S 14 |
| S 15 | 9 41 51 | 26° 0'53 | 13°11 | 14°36 | 25° 1 | 22°14 | 10°15 | 16° 3 | 20°20 | 4°56 | 24°36 | 24°27 | 24°31 | 2° 3 | 17°29 | S 15 |
| M16 | 9 45 47 | 27° 1'52 | 25°52 | 15°32 | 26°15 | 22°58 | 10° 7 | 16°D 3 | 20°17 | 4°58 | 24°36 | 24°27 | 24°28 | 2° 9 | 17°30 | M16 |
| T 17 | 9 49 44 | 28° 2'50 | 8 Ⅱ 12 | 16°21 | 27°29 | 23°41 | 10° 0 | 16° 3 | 20°15 | 5° 0 | 24°37 | 24°27 | 24°25 | 2°16 | 17°31 | T 17 |
| W18 | 9 53 40 | 29° 3'48 | 20°18 | 17° 2 | 28°44 | 24°24 | 9°52 | 16° 4 | 20°13 | 5° 2 | 24°37 | 24°25 | 24°22 | 2°23 | 17°33 | W18 |
| T 19 | 9 57 37 | 0) 4'44 | 29514 | 17°33 | 29°58 | 25° 8 | 9°44 | 16° 4 | 20°10 | 5° 4 | 24°37 | 24°22 | 24°19 | 2°30 | 17°34 | T 19 |
| F 20 | 10 1 33 | 1° 5'39 | 14° 5 | 17°54 | 1≈12 | 25°51 | 9°36 | 16° 4 | 20° 8 | 5° 6 | 24°37 | 24°15 | 24°16 | 2°36 | 17°35 | F 20 |
| S 21 | 10 5 30 | 2° 6'34 | 25°55 | 18°R 5 | 2°26 | 26°34 | 9°29 | 16° 5 | 20° 5 | 5° 8 | 24°38 | 24° 6 | 24°12 | 2°43 | 17°37 | S 21 |
| S 22 | 10 9 26 | 3° 7'27 | 7 Ω 46 | 18° 4 | 3°40 | 27°18 | 9°21 | 16° 5 | 20° 3 | 5°10 | 24°38 | 23°54 | 24° 9 | 2°50 | 17°38 | S 22 |
| M23 | 10 13 23 | 4° 8'20 | 19°42 | 17°52 | 4°54 | 28° 1 | 9°13 | 16° 6 | 20° 0 | 5°12 | 24°38 | 23°40 | 24° 6 | 2°56 | 17°40 | M23 |
| T 24 | 10 17 20 | 5° 9'11 | 1 M p 44 | 17°29 | 6° 9 | 28°45 | 9° 5 | 16° 7 | 19°58 | 5°15 | 24°38 | 23°25 | 24° 3 | 3° 3 | 17°41 | T 24 |
| W25 | 10 21 16 | 6°10'01 | 13°52 | 16°55 | 7°23 | 29°28 | 8°57 | 16° 8 | 19°55 | 5°17 | 24°38 | 23°11 | 24° 0 | 3°10 | 17°43 | W25 |
| T 26 | 10 25 13 | 7°10'51 | 26° 7 | 16°11 | 8°37 | 0≈12 | 8°49 | 16° 9 | 19°53 | 5°19 | 24°R38 | 22°59 | 23°56 | 3°17 | 17°44 | T 26 |
| F 27 | 10 29 9 | 8°11'39 | 8 ₾ 31 | 15°18 | 9°51 | 0°56 | 8°41 | 16°10 | 19°50 | 5°21 | 24°38 | 22°49 | 23°53 | 3°23 | 17°46 | F 27 |
| S 28 | 10 33 6 | 9) 12'27 | 21 ♀ 5 | 14 米 18 | 11≈ 6 | 1≈39 | 8 m 33 | 16 I I11 | 19 M 48 | 5≈22 | 24MJ38 | 22842 | 23850 | 3 Ω 30 | 17848 | S 28 |

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|------|----------|-------------------|----------------|----------------|----------------|-------|-----------------|-----------------|-----------------|------|----------------|----------------|----------------|---------------|----------------|------|
| S 1 | 10 37 2 | 10) 13′14 | 3M50 | 13°R12 | 12≈20 | 2≈23 | 8°R25 | 16 I I13 | 19°R45 | 5≈24 | 24°R38 | 22°R38 | 23 8 47 | 3 Ω 37 | 17 8 50 | S 1 |
| M 2 | 10 40 59 | 11°14'00 | 16°47 | 12 米 1 | 13°34 | 3° 7 | 8 m) 17 | 16°14 | 19 10 43 | 5°26 | 24 M 38 | 22°D36 | 23°44 | 3°43 | 17°51 | M 2 |
| T 3 | 10 44 55 | 12°14'45 | 0 才 1 | 10°50 | 14°49 | 3°51 | 8° 9 | 16°16 | 19°40 | 5°28 | 24°37 | 22 8 36 | 23°41 | 3°50 | 17°53 | T 3 |
| W 4 | 10 48 52 | 13°15'30 | 13°33 | 9°38 | 16° 3 | 4°34 | 8° 1 | 16°17 | 19°37 | 5°30 | 24°37 | 22°R37 | 23°37 | 3°57 | 17°55 | W 4 |
| T 5 | 10 52 49 | 14°16'13 | 27°25 | 8°28 | 17°17 | 5°18 | 7°53 | 16°19 | 19°35 | 5°32 | 24°37 | 22°36 | 23°34 | 4° 4 | 17°57 | T 5 |
| F 6 | 10 56 45 | 15°16'56 | 11 궁 38 | 7°22 | 18°32 | 6° 2 | 7°45 | 16°21 | 19°32 | 5°34 | 24°37 | 22°33 | 23°31 | 4°10 | 17°59 | F 6 |
| S 7 | 11 0 42 | 16°17'38 | 26°11 | 6°21 | 19°46 | 6°46 | 7°38 | 16°23 | 19°30 | 5°36 | 24°36 | 22°28 | 23°28 | 4°17 | 18° 1 | S 7 |
| S 8 | 11 438 | 17°18'19 | 11≈ 0 | 5°27 | 21° 1 | 7°30 | 7°30 | 16°25 | 19°27 | 5°38 | 24°36 | 22°20 | 23°25 | 4°24 | 18° 4 | S 8 |
| M 9 | 11 8 35 | 18°18'58 | 25°58 | 4°39 | 22°15 | 8°14 | 7°22 | 16°28 | 19°24 | 5°39 | 24°36 | 22°11 | 23°22 | 4°30 | 18° 6 | M 9 |
| T 10 | 11 12 31 | 19°19'37 | 10 ∺ 57 | 3°59 | 23°30 | 8°58 | 7°14 | 16°30 | 19°22 | 5°41 | 24°35 | 22° 1 | 23°18 | 4°37 | 18° 8 | T 10 |
| W11 | 11 16 28 | 20°20'14 | 25°45 | 3°27 | 24°44 | 9°42 | 7° 7 | 16°32 | 19°19 | 5°43 | 24°35 | 21°51 | 23°15 | 4°44 | 18°10 | W11 |
| T 12 | 11 20 24 | 21°20'49 | 10 Υ 16 | 3° 3 | 25°58 | 10°26 | 6°59 | 16°35 | 19°16 | 5°45 | 24°34 | 21°43 | 23°12 | 4°51 | 18°13 | T 12 |
| F 13 | 11 24 21 | 22°21'23 | 24°23 | 2°46 | 27°13 | 11°10 | 6°52 | 16°38 | 19°14 | 5°46 | 24°34 | 21°37 | 23° 9 | 4°57 | 18°15 | F 13 |
| S 14 | 11 28 17 | 23°21'56 | 8 8 3 | 2°37 | 28°27 | 11°54 | 6°44 | 16°40 | 19°11 | 5°48 | 24°33 | 21°34 | 23° 6 | 5° 4 | 18°17 | S 14 |
| S 15 | 11 32 14 | 24°22'27 | 21°15 | 2°D35 | 29°42 | 12°39 | 6°37 | 16°43 | 19° 9 | 5°50 | 24°33 | 21°D33 | 23° 2 | 5°11 | 18°20 | S 15 |
| M16 | 11 36 11 | 25°22'56 | 4 II 2 | 2°40 | 0 ∺ 56 | 13°23 | 6°30 | 16°46 | 19° 6 | 5°51 | 24°32 | 21°34 | 22°59 | 5°17 | 18°22 | M16 |
| T 17 | 11 40 7 | 26°23'24 | 16°27 | 2°51 | 2°11 | 14° 7 | 6°23 | 16°49 | 19° 3 | 5°53 | 24°31 | 21°35 | 22°56 | 5°24 | 18°25 | T 17 |
| W18 | 11 44 4 | 27°23'50 | 28°37 | 3° 9 | 3°25 | 14°51 | 6°16 | 16°52 | 19° 1 | 5°55 | 24°31 | 21°R35 | 22°53 | 5°31 | 18°27 | W18 |
| T 19 | 11 48 0 | 28°24'14 | 10935 | 3°32 | 4°40 | 15°36 | 6° 9 | 16°56 | 18°58 | 5°56 | 24°30 | 21°34 | 22°50 | 5°38 | 18°30 | T 19 |
| F 20 | 11 51 57 | 29°24'36 | 22°27 | 4° 0 | 5°54 | 16°20 | 6° 2 | 16°59 | 18°56 | 5°58 | 24°29 | 21°31 | 22°47 | 5°44 | 18°33 | F 20 |
| S 21 | 11 55 53 | 0 ℃ 24'57 | 4 Ω 17 | 4°33 | 7° 8 | 17° 4 | 5°55 | 17° 3 | 18°53 | 5°59 | 24°29 | 21°26 | 22°43 | 5°51 | 18°35 | S 21 |
| S 22 | 11 59 50 | 1°25'15 | 16°11 | 5°10 | 8°23 | 17°49 | 5°49 | 17° 6 | 18°50 | 6° 1 | 24°28 | 21°19 | 22°40 | 5°58 | 18°38 | S 22 |
| M23 | 12 3 46 | 2°25'32 | 28°10 | 5°52 | 9°37 | 18°33 | 5°42 | 17°10 | 18°48 | 6° 2 | 24°27 | 21°10 | 22°37 | 6° 4 | 18°41 | M23 |
| T 24 | 12 7 43 | 3°25'47 | 10 m 18 | 6°38 | 10°52 | 19°17 | 5°36 | 17°14 | 18°45 | 6° 4 | 24°26 | 21° 1 | 22°34 | 6°11 | 18°44 | T 24 |
| W25 | 12 11 40 | 4°26'00 | 22°37 | 7°27 | 12° 6 | 20° 2 | 5°29 | 17°17 | 18°43 | 6° 5 | 24°25 | 20°52 | 22°31 | 6°18 | 18°47 | W25 |
| T 26 | 12 15 36 | 5°26'11 | 5 º 6 | 8°19 | 13°21 | 20°46 | 5°23 | 17°21 | 18°40 | 6° 6 | 24°24 | 20°44 | 22°28 | 6°25 | 18°49 | T 26 |
| F 27 | 12 19 33 | 6°26'21 | 17°47 | 9°15 | 14°35 | 21°31 | 5°17 | 17°25 | 18°38 | 6° 8 | 24°23 | 20°37 | 22°24 | 6°31 | 18°52 | F 27 |
| S 28 | 12 23 29 | 7°26'29 | 0 M .40 | 10°13 | 15°50 | 22°15 | 5°12 | 17°29 | 18°35 | 6° 9 | 24°22 | 20°33 | 22°21 | 6°38 | 18°55 | S 28 |
| S 29 | 12 27 26 | 8°26'35 | 13°44 | 11°14 | 17° 4 | 23° 0 | 5° 6 | 17°34 | 18°33 | 6°10 | 24°21 | 20°31 | 22°18 | 6°45 | 18°58 | S 29 |
| M30 | 12 31 22 | 9°26'40 | 27° 0 | 12°18 | 18°19 | 23°45 | 5° 0 | 17°38 | 18°31 | 6°12 | 24°20 | 20°D31 | 22°15 | 6°51 | 19° 1 | M30 |
| T 31 | 12 35 19 | 10 Υ 26'43 | 10 × 28 | 13 米 24 | 19 米 33 | 24≈29 | 4 Mp 55 | 17 Ⅱ 42 | 18 M 28 | 6≈13 | 24M19 | 20832 | 22812 | 6 Ω 58 | 198 4 | T 31 |

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|------|----------|-------------------|----------------|------------------|-----------------|----------------|---------------|----------------|----------------|------|-----------------|---------------|---------------|--------------|---------------|------|
| W 1 | 12 39 15 | 11 Y 26'45 | 24 × 8 | 14) (32 | 20) (48 | 25≈14 | 4°R50 | 17 ∏ 47 | 18°R26 | 6≈14 | 24°R18 | 20834 | 22 8 8 | 7 Ω 5 | 19 8 7 | W 1 |
| T 2 | 12 43 12 | 12°26'46 | 8ਰ 1 | 15°43 | 22° 2 | 25°59 | 4Mp45 | 17°51 | 18 M 24 | 6°15 | 24 M .17 | 20°R35 | 22° 5 | 7°12 | 19°11 | T 2 |
| F 3 | 12 47 9 | 13°26'45 | 22° 7 | 16°55 | 23°16 | 26°43 | 4°40 | 17°56 | 18°21 | 6°16 | 24°16 | 20°35 | 22° 2 | 7°18 | 19°14 | F 3 |
| S 4 | 12 51 5 | 14°26'42 | 6≈24 | 18° 9 | 24°31 | 27°28 | 4°35 | 18° 1 | 18°19 | 6°18 | 24°15 | 20°33 | 21°59 | 7°25 | 19°17 | S 4 |
| S 5 | 12 55 2 | 15°26'38 | 20°50 | 19°25 | 25°45 | 28°13 | 4°31 | 18° 5 | 18°17 | 6°19 | 24°13 | 20°29 | 21°56 | 7°32 | 19°20 | S 5 |
| M 6 | 12 58 58 | 16°26'33 | 5 ₩ 21 | 20°43 | 27° 0 | 28°58 | 4°26 | 18°10 | 18°14 | 6°20 | 24°12 | 20°25 | 21°53 | 7°39 | 19°23 | M 6 |
| T 7 | 13 2 55 | 17°26'25 | 19°52 | 22° 3 | 28°14 | 29°43 | 4°22 | 18°15 | 18°12 | 6°21 | 24°11 | 20°20 | 21°49 | 7°45 | 19°27 | T 7 |
| W 8 | 13 6 51 | 18°26'16 | 4Υ 15 | 23°24 | 29°29 | 0 ∺ 27 | 4°18 | 18°20 | 18°10 | 6°22 | 24°10 | 20°15 | 21°46 | 7°52 | 19°30 | W 8 |
| T 9 | 13 10 48 | 19°26'05 | 18°26 | 24°46 | 0 Υ 43 | 1°12 | 4°14 | 18°25 | 18° 8 | 6°23 | 24° 8 | 20°11 | 21°43 | 7°59 | 19°33 | T 9 |
| F 10 | 13 14 44 | 20°25'52 | 2819 | 26°10 | 1°58 | 1°57 | 4°10 | 18°31 | 18° 6 | 6°24 | 24° 7 | 20° 8 | 21°40 | 8° 5 | 19°36 | F 10 |
| S 11 | 13 18 41 | 21°25'37 | 15°50 | 27°36 | 3°12 | 2°42 | 4° 7 | 18°36 | 18° 4 | 6°25 | 24° 6 | 20°D 7 | 21°37 | 8°12 | 19°40 | S 11 |
| S 12 | 13 22 38 | 22°25'20 | 29° 0 | 29° 3 | 4°27 | 3°27 | 4° 4 | 18°41 | 18° 2 | 6°25 | 24° 4 | 20° 7 | 21°33 | 8°19 | 19°43 | S 12 |
| M13 | 13 26 34 | 23°25'02 | 11 Ⅱ 48 | 0 Υ 32 | 5°41 | 4°12 | 4° 0 | 18°47 | 18° 0 | 6°26 | 24° 3 | 20° 8 | 21°30 | 8°26 | 19°47 | M13 |
| T 14 | 13 30 31 | 24°24'41 | 24°17 | 2° 1 | 6°55 | 4°57 | 3°57 | 18°52 | 17°58 | 6°27 | 24° 2 | 20°10 | 21°27 | 8°32 | 19°50 | T 14 |
| W15 | 13 34 27 | 25°24'17 | 6929 | 3°33 | 8°10 | 5°42 | 3°55 | 18°58 | 17°56 | 6°28 | 24° 0 | 20°12 | 21°24 | 8°39 | 19°54 | W15 |
| T 16 | 13 38 24 | 26°23'52 | 18°31 | 5° 5 | 9°24 | 6°27 | 3°52 | 19° 3 | 17°54 | 6°29 | 23°59 | 20°13 | 21°21 | 8°46 | 19°57 | T 16 |
| F 17 | 13 42 20 | 27°23'25 | $0\Omega 25$ | 6°39 | 10°39 | 7°12 | 3°50 | 19° 9 | 17°52 | 6°29 | 23°57 | 20°R13 | 21°18 | 8°52 | 20° 0 | F 17 |
| S 18 | 13 46 17 | 28°22'55 | 12°17 | 8°15 | 11°53 | 7°57 | 3°47 | 19°15 | 17°50 | 6°30 | 23°56 | 20°12 | 21°14 | 8°59 | 20° 4 | S 18 |
| S 19 | 13 50 13 | 29°22'23 | 24°12 | 9°51 | 13° 7 | 8°42 | 3°45 | 19°21 | 17°49 | 6°31 | 23°54 | 20°10 | 21°11 | 9° 6 | 20° 7 | S 19 |
| M20 | 13 54 10 | 0 8 21'49 | 6Mp14 | 11°29 | 14°22 | 9°27 | 3°44 | 19°26 | 17°47 | 6°31 | 23°53 | 20° 8 | 21° 8 | 9°13 | 20°11 | M20 |
| T 21 | 13 58 7 | 1°21'12 | 18°27 | 13° 9 | 15°36 | 10°12 | 3°42 | 19°32 | 17°45 | 6°32 | 23°51 | 20° 5 | 21° 5 | 9°19 | 20°15 | T 21 |
| W22 | 14 2 3 | 2°20'34 | 0 ჲ 52 | 14°49 | 16°50 | 10°57 | 3°40 | 19°38 | 17°43 | 6°32 | 23°50 | 20° 2 | 21° 2 | 9°26 | 20°18 | W22 |
| T 23 | 14 6 0 | 3°19'53 | 13°34 | 16°31 | 18° 5 | 11°43 | 3°39 | 19°44 | 17°42 | 6°33 | 23°48 | 20° 0 | 20°59 | 9°33 | 20°22 | T 23 |
| F 24 | 14 9 56 | 4°19'10 | 26°31 | 18°15 | 19°19 | 12°28 | 3°38 | 19°51 | 17°40 | 6°33 | 23°47 | 19°58 | 20°55 | 9°39 | 20°25 | F 24 |
| S 25 | 14 13 53 | 5°18'25 | 9 M .44 | 20° 0 | 20°33 | 13°13 | 3°37 | 19°57 | 17°39 | 6°34 | 23°45 | 19°57 | 20°52 | 9°46 | 20°29 | S 25 |
| S 26 | 14 17 49 | 6°17'39 | 23°13 | 21°46 | 21°48 | 13°58 | 3°36 | 20° 3 | 17°37 | 6°34 | 23°43 | 19°D57 | 20°49 | 9°53 | 20°33 | S 26 |
| M27 | 14 21 46 | 7°16'50 | 6 ₹ 55 | 23°34 | 23° 2 | 14°43 | 3°36 | 20° 9 | 17°36 | 6°35 | 23°42 | 19°57 | 20°46 | 10° 0 | 20°36 | M27 |
| T 28 | 14 25 42 | 8°16'00 | 20°47 | 25°23 | 24°16 | 15°28 | 3°36 | 20°16 | 17°34 | 6°35 | 23°40 | 19°58 | 20°43 | 10° 6 | 20°40 | T 28 |
| W29 | 14 29 39 | 9°15'08 | 4 ⋜ 49 | 27°13 | 25°31 | 16°14 | 3°D35 | 20°22 | 17°33 | 6°35 | 23°39 | 19°59 | 20°39 | 10°13 | 20°43 | W29 |
| T 30 | 14 33 36 | 10 8 14'14 | 18 궁 57 | 29 Y 5 | 26 Ƴ 45 | 16 ∺ 59 | 3 m 35 | 20∏29 | 17 m 32 | 6≈36 | 23 M 37 | 20 8 0 | 20836 | 10№20 | 20847 | T 30 |

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| F 1 | 14 37 32 | 11 8 13'19 | 3≈ 8 | 0 8 59 | 27 Y 59 | 17) (44 | 3 Mp 36 | 20∏35 | 17°R31 | 6≈36 | 23°R35 | 20 8 0 | 20 8 33 | 10 Ω 27 | 20 8 51 | F 1 |
| S 2 | 14 41 29 | 12°12'22 | 17°22 | 2°54 | 29°13 | 18°29 | 3°36 | 20°42 | 17 m 29 | 6°36 | 23 M 34 | 20°R 0 | 20°30 | 10°33 | 20°55 | S 2 |
| S 3 | 14 45 25 | 13°11'23 | 1 ¥ 34 | 4°50 | 0 8 28 | 19°15 | 3°37 | 20°48 | 17°28 | 6°36 | 23°32 | 20° 0 | 20°27 | 10°40 | 20°58 | S 3 |
| M 4 | 14 49 22 | 14°10'23 | 15°43 | 6°48 | 1°42 | 20° 0 | 3°38 | 20°55 | 17°27 | 6°36 | 23°30 | 19°59 | 20°24 | 10°47 | 21° 2 | M 4 |
| T 5 | 14 53 18 | 15° 9'21 | 29°45 | 8°47 | 2°56 | 20°45 | 3°38 | 21° 2 | 17°26 | 6°37 | 23°29 | 19°59 | 20°20 | 10°53 | 21° 6 | T 5 |
| W 6 | 14 57 15 | 16° 8'17 | 13 Y 39 | 10°47 | 4°10 | 21°31 | 3°40 | 21° 8 | 17°25 | 6°37 | 23°27 | 19°58 | 20°17 | 11° 0 | 21° 9 | W 6 |
| T 7 | 15 1 11 | 17° 7'11 | 27°22 | 12°49 | 5°25 | 22°16 | 3°41 | 21°15 | 17°24 | 6°37 | 23°25 | 19°58 | 20°14 | 11° 7 | 21°13 | T 7 |
| F 8 | 15 5 8 | 18° 6'04 | 10851 | 14°52 | 6°39 | 23° 1 | 3°43 | 21°22 | 17°23 | 6°R37 | 23°24 | 19°58 | 20°11 | 11°14 | 21°17 | F 8 |
| S 9 | 15 9 4 | 19° 4'55 | 24° 4 | 16°56 | 7°53 | 23°47 | 3°44 | 21°29 | 17°22 | 6°37 | 23°22 | 19°D58 | 20° 8 | 11°20 | 21°21 | S 9 |
| S 10 | 15 13 1 | 20° 3'44 | 7耳 1 | 19° 2 | 9° 7 | 24°32 | 3°46 | 21°36 | 17°22 | 6°37 | 23°20 | 19°R58 | 20° 5 | 11°27 | 21°24 | S 10 |
| M11 | 15 16 58 | 21° 2'30 | 19°42 | 21° 8 | 10°22 | 25°17 | 3°48 | 21°43 | 17°21 | 6°37 | 23°19 | 19°58 | 20° 1 | 11°34 | 21°28 | M11 |
| T 12 | 15 20 54 | 22° 1'15 | 299 7 | 23°15 | 11°36 | 26° 3 | 3°51 | 21°50 | 17°20 | 6°36 | 23°17 | 19°58 | 19°58 | 11°40 | 21°32 | T 12 |
| W13 | 15 24 51 | 22°59'58 | 14°19 | 25°22 | 12°50 | 26°48 | 3°53 | 21°57 | 17°20 | 6°36 | 23°15 | 19°57 | 19°55 | 11°47 | 21°35 | W13 |
| T 14 | 15 28 47 | 23°58'39 | 26°21 | 27°30 | 14° 4 | 27°33 | 3°56 | 22° 4 | 17°19 | 6°36 | 23°13 | 19°57 | 19°52 | 11°54 | 21°39 | T 14 |
| F 15 | 15 32 44 | 24°57'18 | 8 Ω 16 | 29°38 | 15°18 | 28°18 29°4 | 3°58 4° 1 | 22°11 | 17°18 | 6°36 | 23°12 | 19°56 | 19°49 19°45 | 12° 1 | 21°43 | F 15 |
| S 16 | 15 36 40 | 25°55'54 | 20° 9 | 1 Ⅱ 46 | 16°32 | | | 22°19 | 17°18 | 6°36 | 23°10 | 19°56 | | 12° 7 | 21°47 | S 16 |
| S 17 | 15 40 37 | 26°54'28 | 2 Mp 4 | 3°53 | 17°46 | 29°49 | 4° 5 | 22°26 | 17°17 | 6°35 | 23° 8 | 19°D56 | 19°42 | 12°14 | 21°50 | S 17 |
| M18 | 15 44 34 | 27°53'00 | 14° 6 | 6° 0 | 19° 0 | 0 Υ 34 | 4° 8 | 22°33 | 17°17 | 6°35 | 23° 7 | 19°56 | 19°39 | 12°21 | 21°54 | M18 |
| T 19 | 15 48 30 | 28°51'31 | 26°19 | 8° 5 | 20°15 | 1°20 | 4°11 | 22°40 | 17°17 | 6°35 | 23° 5 | 19°57 | 19°36 | 12°28 | 21°58 | T 19 |
| W20 T 21 | 15 52 27 15 56 23 | 29°49'59 0 П 48'25 | 8 ≏ 47 21°34 | 10° 9 12°12 | 21°29 22°43 | 2° 5 2°50 | 4°15 4°19 | 22°48 22°55 | 17°16 17°16 | 6°34 6°34 | 23° 3 23° 2 | 19°58 19°59 | 19°33 19°30 | 12°34 12°41 | 22° 1 22° 5 | W20 T 21 |
| F 22 | 16 0 20 | 0щ48°23 1°46'49 | 4M42 | 14°12 | 22°43 23°57 | 3°36 | 4°19 4°23 | 22°55 23° 2 | 17°16 | 6°34 | 23° 2 | 20° 0 | 19°30 19°26 | 12°41 12°48 | 22° 9 | F 22 |
| S 23 | 16 4 16 | 2°45'11 | 18°11 | 16°10 | 25°11 | 4°21 | 4°27 | 23°10 | 17°16 | 6°33 | 22°58 | 20°R 0 | 19°23 | 12°54 | 22°13 | S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 M25 | 16 8 13 16 12 9 | 3°43'31 4°41'50 | 2 √ 1 16° 9 | 18° 6 19°59 | 26°25 27°39 | 5° 6 5°52 | 4°32 4°36 | 23°17 23°24 | 17°16 17°D16 | 6°33 6°32 | 22°57 22°55 | 20° 0 19°59 | 19°20 19°17 | 13° 1 13° 8 | 22°16 22°20 | S 24 M25 |
| T 26 | 16 12 9 | 5°40'07 | 0중30 | 21°49 | 27 39 28°53 | 6°37 | 4°41 | 23°32 | 17 D16 | 6°32 | 22°53 | 19°57 | 19 17 19°14 | 13°15 | 22°24 | T 26 |
| W27 | 16 20 3 | 6°38'23 | 15° 0 | 23°36 | 0 Ⅱ 7 | 7°22 | 4°46 | 23°39 | 17°16 | 6°31 | 22°52 | 19°55 | 19°11 | 13°21 | 22°27 | W27 |
| T 28 | 16 23 59 | 7°36'37 | 29°32 | 25°19 | 1°21 | 8° 7 | 4°51 | 23°47 | 17°16 | 6°30 | 22°50 | 19°53 | 19° 7 | 13°28 | 22°31 | T 28 |
| F 29 | 16 27 56 | 8°34'50 | 14≈ 1 | 26°59 | 2°35 | 8°53 | 4°56 | 23°54 | 17°16 | 6°30 | 22°48 | 19°51 | 19° 4 | 13°35 | 22°34 | F 29 |
| S 30 | 16 31 52 | 9°33'01 | 28°22 | 28°35 | 3°49 | 9°38 | 5° 1 | 24° 2 | 17°17 | 6°29 | 22°47 | 19°50 | 19° 1 | 13°41 | 22°38 | S 30 |
| S 31 | 16 35 49 | 10 Д 31'11 | 12) 33 | 0ම 8 | 5 Ⅱ 3 | 10 Υ 23 | 5Mp 6 | 24 Ⅱ 10 | 17 m)17 | 6≈28 | 22 M 45 | 19°D50 | 18 8 58 | 13 Ω 48 | 22842 | S 31 |

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|------|----------|-------------------|-----------------|--------|---------------|---------------|---------------|-----------------|-----------------|-------|----------------|----------------|----------------|----------------|-------|------|
| M 1 | 16 39 45 | 11 Ⅱ 29'19 | 26) (30 | 19937 | 6 Ⅱ 17 | 11 Y 8 | 5 m 12 | 24 Ⅱ 17 | 17 M)17 | 6°R28 | 22°R44 | 19850 | 18 8 55 | 13 Ω 55 | 22845 | M 1 |
| T 2 | 16 43 42 | 12°27'26 | 10 Y 14 | 3° 2 | 7°31 | 11°54 | 5°18 | 24°25 | 17°18 | 6≈27 | 22 M 42 | 19°51 | 18°51 | 14° 2 | 22°49 | T 2 |
| W 3 | 16 47 38 | 13°25'32 | 23°45 | 4°23 | 8°45 | 12°39 | 5°24 | 24°32 | 17°18 | 6°26 | 22°41 | 19°53 | 18°48 | 14° 8 | 22°52 | W 3 |
| T 4 | 16 51 35 | 14°23'37 | 7 8 2 | 5°40 | 9°59 | 13°24 | 5°30 | 24°40 | 17°19 | 6°25 | 22°39 | 19°54 | 18°45 | 14°15 | 22°56 | T 4 |
| F 5 | 16 55 32 | 15°21'40 | 20° 6 | 6°53 | 11°13 | 14° 9 | 5°36 | 24°48 | 17°19 | 6°24 | 22°37 | 19°R55 | 18°42 | 14°22 | 22°59 | F 5 |
| S 6 | 16 59 28 | 16°19'42 | 2 Ⅱ 57 | 8° 2 | 12°27 | 14°54 | 5°42 | 24°55 | 17°20 | 6°24 | 22°36 | 19°54 | 18°39 | 14°29 | 23° 3 | S 6 |
| S 7 | 17 3 25 | 17°17'42 | 15°36 | 9° 6 | 13°41 | 15°39 | 5°49 | 25° 3 | 17°21 | 6°23 | 22°34 | 19°52 | 18°36 | 14°35 | 23° 6 | S 7 |
| M 8 | 17 721 | 18°15'41 | 28° 3 | 10° 7 | 14°54 | 16°25 | 5°55 | 25°11 | 17°22 | 6°22 | 22°33 | 19°49 | 18°32 | 14°42 | 23°10 | M 8 |
| T 9 | 17 11 18 | 19°13'39 | 109520 | 11° 3 | 16° 8 | 17°10 | 6° 2 | 25°18 | 17°22 | 6°21 | 22°31 | 19°44 | 18°29 | 14°49 | 23°13 | T 9 |
| W10 | 17 15 14 | 20°11'35 | 22°27 | 11°55 | 17°22 | 17°55 | 6° 9 | 25°26 | 17°23 | 6°20 | 22°30 | 19°39 | 18°26 | 14°55 | 23°17 | W10 |
| T 11 | 17 19 11 | 21° 9'29 | $4\Omega 26$ | 12°42 | 18°36 | 18°40 | 6°16 | 25°34 | 17°24 | 6°19 | 22°29 | 19°34 | 18°23 | 15° 2 | 23°20 | T 11 |
| F 12 | 17 23 7 | 22° 7'22 | 16°20 | 13°25 | 19°50 | 19°25 | 6°23 | 25°41 | 17°25 | 6°18 | 22°27 | 19°29 | 18°20 | 15° 9 | 23°24 | F 12 |
| S 13 | 17 27 4 | 23° 5'13 | 28°12 | 14° 3 | 21° 4 | 20°10 | 6°31 | 25°49 | 17°26 | 6°17 | 22°26 | 19°25 | 18°17 | 15°16 | 23°27 | S 13 |
| S 14 | 17 31 1 | 24° 3'02 | 10 m) 6 | 14°37 | 22°18 | 20°55 | 6°38 | 25°57 | 17°27 | 6°16 | 22°24 | 19°22 | 18°13 | 15°22 | 23°30 | S 14 |
| M15 | 17 34 57 | 25° 0'50 | 22° 6 | 15° 6 | 23°32 | 21°40 | 6°45 | 26° 5 | 17°28 | 6°15 | 22°23 | 19°D21 | 18°10 | 15°29 | 23°34 | M15 |
| T 16 | 17 38 54 | 25°58'37 | 4 ≗ 17 | 15°30 | 24°46 | 22°24 | 6°53 | 26°12 | 17°29 | 6°13 | 22°22 | 19°21 | 18° 7 | 15°36 | 23°37 | T 16 |
| W17 | 17 42 50 | 26°56'21 | 16°43 | 15°49 | 25°59 | 23° 9 | 7° 1 | 26°20 | 17°31 | 6°12 | 22°20 | 19°23 | 18° 4 | 15°42 | 23°40 | W17 |
| T 18 | 17 46 47 | 27°54'05 | 29°29 | 16° 4 | 27°13 | 23°54 | 7° 9 | 26°28 | 17°32 | 6°11 | 22°19 | 19°24 | 18° 1 | 15°49 | 23°43 | T 18 |
| F 19 | 17 50 43 | 28°51'47 | 12 M .39 | 16°14 | 28°27 | 24°39 | 7°17 | 26°35 | 17°33 | 6°10 | 22°18 | 19°R25 | 17°57 | 15°56 | 23°47 | F 19 |
| S 20 | 17 54 40 | 29°49'27 | 26°15 | 16°19 | 29°41 | 25°24 | 7°25 | 26°43 | 17°35 | 6° 9 | 22°16 | 19°25 | 17°54 | 16° 3 | 23°50 | S 20 |
| S 21 | 17 58 36 | 09547'06 | 10 × 17 | 16°R20 | 0955 | 26° 8 | 7°33 | 26°51 | 17°36 | 6° 7 | 22°15 | 19°24 | 17°51 | 16° 9 | 23°53 | S 21 |
| M22 | 18 2 33 | 1°44'44 | 24°42 | 16°16 | 2° 9 | 26°53 | 7°42 | 26°59 | 17°37 | 6° 6 | 22°14 | 19°20 | 17°48 | 16°16 | 23°56 | M22 |
| T 23 | 18 6 30 | 2°42'21 | 9 る 27 | 16° 7 | 3°22 | 27°38 | 7°50 | 27° 6 | 17°39 | 6° 5 | 22°13 | 19°15 | 17°45 | 16°23 | 23°59 | T 23 |
| W24 | 18 10 26 | 3°39'57 | 24°22 | 15°55 | 4°36 | 28°22 | 7°59 | 27°14 | 17°41 | 6° 4 | 22°12 | 19° 8 | 17°42 | 16°30 | 24° 2 | W24 |
| T 25 | 18 14 23 | 4°37'32 | 9≈20 | 15°38 | 5°50 | 29° 7 | 8° 8 | 27°22 | 17°42 | 6° 2 | 22°11 | 19° 2 | 17°38 | 16°36 | 24° 5 | T 25 |
| F 26 | 18 18 19 | 5°35'06 | 24°12 | 15°18 | 7° 4 | 29°51 | 8°17 | 27°29 | 17°44 | 6° 1 | 22° 9 | 18°56 | 17°35 | 16°43 | 24° 8 | F 26 |
| S 27 | 18 22 16 | 6°32'39 | 8 ∺ 50 | 14°54 | 8°18 | 0 8 36 | 8°25 | 27°37 | 17°46 | 6° 0 | 22° 8 | 18°51 | 17°32 | 16°50 | 24°11 | S 27 |
| S 28 | 18 26 12 | 7°30'11 | 23° 9 | 14°28 | 9°31 | 1°20 | 8°35 | 27°45 | 17°47 | 5°58 | 22° 7 | 18°48 | 17°29 | 16°56 | 24°14 | S 28 |
| M29 | 18 30 9 | 8°27'43 | 7 ℃ 7 | 13°59 | 10°45 | 2° 5 | 8°44 | 27°52 | 17°49 | 5°57 | 22° 6 | 18°D47 | 17°26 | 17° 3 | 24°17 | M29 |
| T 30 | 18 34 6 | 99525'14 | 20 Y 44 | 139528 | 119559 | 2 8 49 | 8 m 53 | 28 I I 0 | 17 m 51 | 5≈56 | 22 M 5 | 18 8 48 | 17823 | 17 Ω 10 | 24820 | T 30 |

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| Day | Sid.t | 0 | D | ğ | · | ♂ | 4 | ħ |)f(| 并 | В | ß | v | Ç | ę, | Day |
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| W 1 | 18 38 2 | 109522'44 | 4 8 1 | 12°R56 | 139513 | 3 8 33 | 9Mp 2 | 28耳 7 | 17 m 53 | 5°R54 | 22°R 4 | 18 8 49 | 17 8 19 | 17 Ω 17 | 24 8 23 | W 1 |
| T 2 | 18 41 59 | 11°20'14 | 17° 1 | 129522 | 14°26 | 4°18 | 9°12 | 28°15 | 17°55 | 5≈53 | 22 M 3 | 18°R50 | 17°16 | 17°23 | 24°26 | T 2 |
| F 3 | 18 45 55 | 12°17'43 | 29°46 | 11°49 | 15°40 | 5° 2 | 9°21 | 28°23 | 17°57 | 5°51 | 22° 2 | 18°49 | 17°13 | 17°30 | 24°28 | F 3 |
| S 4 | 18 49 52 | 13°15'12 | 12 Ⅱ 19 | 11°15 | 16°54 | 5°46 | 9°31 | 28°30 | 17°59 | 5°50 | 22° 1 | 18°46 | 17°10 | 17°37 | 24°31 | S 4 |
| S 5 | 18 53 48 | 14°12'40 | 24°41 | 10°43 | 18° 8 | 6°30 | 9°41 | 28°38 | 18° 1 | 5°48 | 22° 1 | 18°41 | 17° 7 | 17°44 | 24°34 | S 5 |
| M 6 | 18 57 45 | 15°10'07 | 6955 | 10°12 | 19°22 | 7°14 | 9°51 | 28°45 | 18° 3 | 5°47 | 22° 0 | 18°34 | 17° 3 | 17°50 | 24°37 | M 6 |
| T 7 | 19 141 | 16° 7'34 | 19° 1 | 9°42 | 20°35 | 7°58 | 10° 1 | 28°53 | 18° 5 | 5°45 | 21°59 | 18°25 | 17° 0 | 17°57 | 24°39 | T 7 |
| W 8 | 19 5 38 | 17° 5'00 | 1 N 1 | 9°16 | 21°49 | 8°42 | 10°11 | 29° 0 | 18° 7 | 5°44 | 21°58 | 18°14 | 16°57 | 18° 4 | 24°42 | W 8 |
| T 9 | 19 9 35 | 18° 2'25 | 12°57 | 8°52 | 23° 3 | 9°26 | 10°21 | 29° 8 | 18°10 | 5°42 | 21°57 | 18° 3 | 16°54 | 18°10 | 24°44 | T 9 |
| F 10 | 19 13 31 | 18°59'49 | 24°49 | 8°31 | 24°17 | 10°10 | 10°31 | 29°15 | 18°12 | 5°41 | 21°57 | 17°52 | 16°51 | 18°17 | 24°47 | F 10 |
| S 11 | 19 17 28 | 19°57'13 | 6Mp40 | 8°14 | 25°30 | 10°54 | 10°41 | 29°23 | 18°14 | 5°39 | 21°56 | 17°43 | 16°48 | 18°24 | 24°49 | S 11 |
| S 12 | 19 21 24 | 20°54'36 | 18°33 | 8° 0 | 26°44 | 11°37 | 10°52 | 29°30 | 18°17 | 5°38 | 21°55 | 17°36 | 16°44 | 18°31 | 24°52 | S 12 |
| M13 | 19 25 21 | 21°51'58 | 0 ჲ 32 | 7°51 | 27°58 | 12°21 | 11° 2 | 29°37 | 18°19 | 5°36 | 21°55 | 17°31 | 16°41 | 18°37 | 24°54 | M13 |
| T 14 | 19 29 17 | 22°49'19 | 12°40 | 7°46 | 29°12 | 13° 4 | 11°13 | 29°45 | 18°21 | 5°35 | 21°54 | 17°29 | 16°38 | 18°44 | 24°57 | T 14 |
| W15 | 19 33 14 | 23°46'39 | 25° 3 | 7°D46 | $0\Omega_{26}$ | 13°48 | 11°23 | 29°52 | 18°24 | 5°33 | 21°53 | 17°D29 | 16°35 | 18°51 | 24°59 | W15 |
| T 16 | 19 37 10 | 24°43'59 | 7 ML 45 | 7°50 | 1°39 | 14°31 | 11°34 | 29°59 | 18°26 | 5°31 | 21°53 | 17°29 | 16°32 | 18°57 | 25° 1 | T 16 |
| F 17 | 19 41 7 | 25°41'18 | 20°51 | 7°59 | 2°53 | 15°15 | 11°45 | 0න 6 | 18°29 | 5°30 | 21°52 | 17°R29 | 16°29 | 19° 4 | 25° 3 | F 17 |
| S 18 | 19 45 4 | 26°38'36 | 4 ₹ 24 | 8°13 | 4° 7 | 15°58 | 11°56 | 0°14 | 18°32 | 5°28 | 21°52 | 17°28 | 16°25 | 19°11 | 25° 6 | S 18 |
| S 19 | 19 49 0 | 27°35'54 | 18°27 | 8°31 | 5°20 | 16°41 | 12° 7 | 0°21 | 18°34 | 5°27 | 21°51 | 17°25 | 16°22 | 19°18 | 25° 8 | S 19 |
| M20 | 19 52 57 | 28°33'11 | 2 る 58 | 8°55 | 6°34 | 17°24 | 12°18 | 0°28 | 18°37 | 5°25 | 21°51 | 17°19 | 16°19 | 19°24 | 25°10 | M20 |
| T 21 | 19 56 53 | 29°30'28 | 17°52 | 9°23 | 7°48 | 18° 7 | 12°29 | 0°35 | 18°40 | 5°23 | 21°51 | 17°11 | 16°16 | 19°31 | 25°12 | T 21 |
| W22 | 20 0 50 | $0\Omega 27'45$ | 3≈ 3 | 9°55 | 9° 2 | 18°50 | 12°40 | 0°42 | 18°42 | 5°22 | 21°50 | 17° 2 | 16°13 | 19°38 | 25°14 | W22 |
| T 23 | 20 4 46 | 1°25'01 | 18°19 | 10°32 | 10°15 | 19°33 | 12°51 | 0°49 | 18°45 | 5°20 | 21°50 | 16°52 | 16° 9 | 19°45 | 25°16 | T 23 |
| F 24 | 20 8 43 | 2°22'17 | 3 ∺ 30 | 11°14 | 11°29 | 20°16 | 13° 2 | 0°56 | 18°48 | 5°19 | 21°50 | 16°42 | 16° 6 | 19°51 | 25°18 | F 24 |
| S 25 | 20 12 40 | 3°19'33 | 18°25 | 12° 1 | 12°43 | 20°58 | 13°14 | 1° 3 | 18°51 | 5°17 | 21°49 | 16°34 | 16° 3 | 19°58 | 25°20 | S 25 |
| S 26 | 20 16 36 | 4°16'48 | 2 Y 58 | 12°52 | 13°56 | 21°41 | 13°25 | 1°10 | 18°54 | 5°15 | 21°49 | 16°29 | 16° 0 | 20° 5 | 25°21 | S 26 |
| M27 | 20 20 33 | 5°14'05 | 17° 4 | 13°47 | 15°10 | 22°24 | 13°37 | 1°17 | 18°57 | 5°14 | 21°49 | 16°26 | 15°57 | 20°11 | 25°23 | M27 |
| T 28 | 20 24 29 | 6°11'21 | 0844 | 14°47 | 16°24 | 23° 6 | 13°48 | 1°24 | 19° 0 | 5°12 | 21°49 | 16°25 | 15°54 | 20°18 | 25°25 | T 28 |
| W29 | 20 28 26 | 7° 8'37 | 13°58 | 15°51 | 17°38 | 23°49 | 14° 0 | 1°31 | 19° 3 | 5°11 | 21°49 | 16°25 | 15°50 | 20°25 | 25°27 | W29 |
| T 30 | 20 32 22 | 8° 5'54 | 26°51 | 16°59 | 18°51 | 24°31 | 14°11 | 1°37 | 19° 6 | 5° 9 | 21°49 | 16°25 | 15°47 | 20°32 | 25°28 | T 30 |
| F 31 | 20 36 19 | 9 Ω 3'11 | 9 耳 27 | 189512 | 20 N 5 | 25 8 13 | 14 Mp 23 | 19544 | 19 m 9 | 5≈ 7 | 21 M 49 | 16823 | 15 8 44 | 20€38 | 25 8 30 | F 31 |

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|------|----------|---------------|-----------------|----------------|-----------------|----------------|-----------------|-------|----------------|-------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 20 40 15 | 10\$\O 0'29\$ | 21 II 48 | 19529 | 21 \O 19 | 25 8 55 | 14 M 35 | 1951 | 19 m 12 | 5°R 6 | 21°D49 | 16°R19 | 15 8 41 | 20 Ω 45 | 25 8 31 | S 1 |
| S 2 | 20 44 12 | 10°57'47 | 3959 | 20°50 | 22°32 | 26°37 | 14°47 | 1°57 | 19°15 | 5≈ 4 | 21 M 49 | 16813 | 15°38 | 20°52 | 25°33 | S 2 |
| M 3 | 20 48 9 | 11°55'04 | 16° 2 | 22°14 | 23°46 | 27°19 | 14°59 | 2° 4 | 19°18 | 5° 2 | 21°49 | 16° 3 | 15°35 | 20°59 | 25°34 | M 3 |
| T 4 | 20 52 5 | 12°52'23 | 28° 0 | 23°43 | 25° 0 | 28° 1 | 15°11 | 2°10 | 19°21 | 5° 1 | 21°49 | 15°51 | 15°31 | 21° 5 | 25°36 | T 4 |
| W 5 | 20 56 2 | 13°49'41 | 9 Ω 55 | 25°16 | 26°13 | 28°42 | 15°23 | 2°17 | 19°24 | 4°59 | 21°49 | 15°38 | 15°28 | 21°12 | 25°37 | W 5 |
| T 6 | 20 59 58 | 14°46'59 | 21°47 | 26°52 | 27°27 | 29°24 | 15°35 | 2°23 | 19°28 | 4°58 | 21°49 | 15°24 | 15°25 | 21°19 | 25°38 | T 6 |
| F 7 | 21 3 55 | 15°44'18 | 3 m 39 | 28°33 | 28°41 | 0 Ⅱ 5 | 15°47 | 2°30 | 19°31 | 4°56 | 21°49 | 15°10 | 15°22 | 21°25 | 25°39 | F 7 |
| S 8 | 21 7 51 | 16°41'37 | 15°31 | 0 Ω 16 | 29°55 | 0°47 | 15°59 | 2°36 | 19°34 | 4°54 | 21°50 | 14°58 | 15°19 | 21°32 | 25°41 | S 8 |
| S 9 | 21 11 48 | 17°38'56 | 27°27 | 2° 3 | 1 m y 8 | 1°28 | 16°11 | 2°42 | 19°37 | 4°53 | 21°50 | 14°49 | 15°15 | 21°39 | 25°42 | S 9 |
| M10 | 21 15 44 | 18°36'15 | 9 ≏ 28 | 3°53 | 2°22 | 2° 9 | 16°23 | 2°48 | 19°41 | 4°51 | 21°50 | 14°43 | 15°12 | 21°46 | 25°43 | M10 |
| T 11 | 21 19 41 | 19°33'34 | 21°37 | 5°47 | 3°36 | 2°50 | 16°36 | 2°54 | 19°44 | 4°50 | 21°50 | 14°39 | 15° 9 | 21°52 | 25°44 | T 11 |
| W12 | 21 23 38 | 20°30'53 | 4 M 0 | 7°43 | 4°49 | 3°31 | 16°48 | 3° 0 | 19°47 | 4°48 | 21°51 | 14°37 | 15° 6 | 21°59 | 25°45 | W12 |
| T 13 | 21 27 34 | 21°28'13 | 16°40 | 9°41 | 6° 3 | 4°12 | 17° 0 | 3° 6 | 19°51 | 4°47 | 21°51 | 14°37 | 15° 3 | 22° 6 | 25°46 | T 13 |
| F 14 | 21 31 31 | 22°25'32 | 29°41 | 11°41 | 7°16 | 4°52 | 17°13 | 3°12 | 19°54 | 4°45 | 21°52 | 14°37 | 15° 0 | 22°12 | 25°47 | F 14 |
| S 15 | 21 35 27 | 23°22'52 | 13 × 8 | 13°44 | 8°30 | 5°33 | 17°25 | 3°18 | 19°58 | 4°44 | 21°52 | 14°36 | 14°56 | 22°19 | 25°47 | S 15 |
| S 16 | 21 39 24 | 24°20'12 | 27° 4 | 15°48 | 9°44 | 6°13 | 17°37 | 3°24 | 20° 1 | 4°42 | 21°53 | 14°33 | 14°53 | 22°26 | 25°48 | S 16 |
| M17 | 21 43 20 | 25°17'33 | 11 ろ 28 | 17°53 | 10°57 | 6°53 | 17°50 | 3°30 | 20° 5 | 4°41 | 21°53 | 14°27 | 14°50 | 22°33 | 25°49 | M17 |
| T 18 | 21 47 17 | 26°14'54 | 26°18 | 19°59 | 12°11 | 7°34 | 18° 3 | 3°36 | 20° 8 | 4°39 | 21°54 | 14°20 | 14°47 | 22°39 | 25°49 | T 18 |
| W19 | 21 51 13 | 27°12'15 | 11≈28 | 22° 5 | 13°25 | 8°14 | 18°15 | 3°41 | 20°12 | 4°38 | 21°54 | 14°10 | 14°44 | 22°46 | 25°50 | W19 |
| T 20 | 21 55 10 | 28° 9'36 | 26°47 | 24°12 | 14°38 | 8°53 | 18°28 | 3°47 | 20°15 | 4°36 | 21°55 | 14° 0 | 14°41 | 22°53 | 25°51 | T 20 |
| F 21 | 21 59 7 | 29° 6'58 | 12) 5 | 26°19 | 15°52 | 9°33 | 18°40 | 3°52 | 20°19 | 4°35 | 21°56 | 13°50 | 14°37 | 23° 0 | 25°51 | F 21 |
| S 22 | 22 3 3 | 0 Mp 4'21 | 27°10 | 28°25 | 17° 5 | 10°13 | 18°53 | 3°58 | 20°22 | 4°33 | 21°56 | 13°42 | 14°34 | 23° 6 | 25°51 | S 22 |
| S 23 | 22 7 0 | 1° 1'45 | 11 Y 53 | 0 m 31 | 18°19 | 10°52 | 19° 6 | 4° 3 | 20°26 | 4°32 | 21°57 | 13°36 | 14°31 | 23°13 | 25°52 | S 23 |
| M24 | 22 10 56 | 1°59'09 | 26° 9 | 2°37 | 19°32 | 11°31 | 19°18 | 4° 8 | 20°29 | 4°31 | 21°58 | 13°33 | 14°28 | 23°20 | 25°52 | M24 |
| T 25 | 22 14 53 | 2°56'35 | 9 8 56 | 4°41 | 20°46 | 12°10 | 19°31 | 4°14 | 20°33 | 4°29 | 21°59 | 13°D32 | 14°25 | 23°26 | 25°52 | T 25 |
| W26 | 22 18 49 | 3°54'02 | 23°16 | 6°44 | 21°59 | 12°49 | 19°44 | 4°19 | 20°37 | 4°28 | 21°59 | 13°32 | 14°21 | 23°33 | 25°53 | W26 |
| T 27 | 22 22 46 | 4°51'29 | 6 Ⅱ 10 | 8°46 | 23°13 | 13°28 | 19°57 | 4°24 | 20°40 | 4°26 | 22° 0 | 13°R32 | 14°18 | 23°40 | 25°53 | T 27 |
| F 28 | 22 26 42 | 5°48'58 | 18°44 | 10°47 | 24°27 | 14° 7 | 20°10 | 4°29 | 20°44 | 4°25 | 22° 1 | 13°32 | 14°15 | 23°47 | 25°53 | F 28 |
| S 29 | 22 30 39 | 6°46'29 | 199 1 | 12°47 | 25°40 | 14°45 | 20°22 | 4°34 | 20°47 | 4°24 | 22° 2 | 13°29 | 14°12 | 23°53 | 25°R53 | S 29 |
| S 30 | 22 34 36 | 7°44'00 | 13° 7 | 14°45 | 26°54 | 15°24 | 20°35 | 4°39 | 20°51 | 4°22 | 22° 3 | 13°24 | 14° 9 | 24° 0 | 25°53 | S 30 |
| M31 | 22 38 32 | 8 Mp 41'32 | 2595 5 | 16 M 42 | 28Mp 7 | 16耳 2 | 20 m /48 | 49943 | 20 m 55 | 4≈21 | 22 M 4 | 13 8 16 | 148 6 | 24 Ω 7 | 25 8 53 | M31 |

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|------|----------|------------------|----------------|-----------------|----------------|----------------|----------|-------|----------------|--------------|----------------|----------------|---------------|-----------------|----------------|------|
| T 1 | 22 42 29 | 9 m 39'06 | 6 Ω 59 | 18 M)37 | 29 m 21 | 16 Ⅱ 40 | 21 Mp 1 | 49548 | 20 m 59 | 4°R20 | 22 M 5 | 13°R 6 | 14 8 2 | 24 Ω 13 | 25°R53 | T 1 |
| W 2 | 22 46 25 | 10°36'41 | 18°50 | 20°30 | 0 ჲ 34 | 17°18 | 21°14 | 4°53 | 21° 2 | 4≈19 | 22° 6 | 12 8 55 | 13°59 | 24°20 | 25 8 52 | W 2 |
| T 3 | 22 50 22 | 11°34'16 | 0 m 42 | 22°23 | 1°48 | 17°56 | 21°27 | 4°57 | 21° 6 | 4°17 | 22° 7 | 12°43 | 13°56 | 24°27 | 25°52 | T 3 |
| F 4 | 22 54 18 | 12°31'53 | 12°36 | 24°13 | 3° 1 | 18°33 | 21°40 | 5° 2 | 21°10 | 4°16 | 22° 8 | 12°32 | 13°53 | 24°34 | 25°52 | F 4 |
| S 5 | 22 58 15 | 13°29'31 | 24°33 | 26° 2 | 4°15 | 19°10 | 21°53 | 5° 6 | 21°13 | 4°15 | 22° 9 | 12°23 | 13°50 | 24°40 | 25°52 | S 5 |
| S 6 | 23 2 11 | 14°27'10 | 6 ≏ 36 | 27°50 | 5°28 | 19°47 | 22° 6 | 5°10 | 21°17 | 4°14 | 22°11 | 12°15 | 13°46 | 24°47 | 25°51 | S 6 |
| M 7 | 23 6 8 | 15°24'49 | 18°44 | 29°36 | 6°41 | 20°24 | 22°19 | 5°15 | 21°21 | 4°13 | 22°12 | 12°10 | 13°43 | 24°54 | 25°51 | M 7 |
| T 8 | 23 10 4 | 16°22'30 | 1 m 2 | 1 ≏ 21 | 7°55 | 21° 1 | 22°32 | 5°19 | 21°25 | 4°12 | 22°13 | 12° 7 | 13°40 | 25° 0 | 25°50 | T 8 |
| W 9 | 23 14 1 | 17°20'12 | 13°31 | 3° 4 | 9° 8 | 21°37 | 22°45 | 5°23 | 21°28 | 4°11 | 22°14 | 12°D 6 | 13°37 | 25° 7 | 25°50 | W 9 |
| T 10 | 23 17 58 | 18°17'55 | 26°15 | 4°46 | 10°22 | 22°14 | 22°58 | 5°27 | 21°32 | 4°10 | 22°16 | 12° 7 | 13°34 | 25°14 | 25°49 | T 10 |
| F 11 | 23 21 54 | 19°15'39 | 9 ∡ 17 | 6°26 | 11°35 | 22°50 | 23°11 | 5°31 | 21°36 | 4° 9 | 22°17 | 12° 8 | 13°31 | 25°21 | 25°48 | F 11 |
| S 12 | 23 25 51 | 20°13'23 | 22°41 | 8° 5 | 12°48 | 23°26 | 23°24 | 5°34 | 21°39 | 4° 8 | 22°18 | 12°R 8 | 13°27 | 25°27 | 25°48 | S 12 |
| S 13 | 23 29 47 | 21°11'09 | 6 ප 29 | 9°42 | 14° 2 | 24° 1 | 23°37 | 5°38 | 21°43 | 4° 7 | 22°20 | 12° 7 | 13°24 | 25°34 | 25°47 | S 13 |
| M14 | 23 33 44 | 22° 8'56 | 20°41 | 11°18 | 15°15 | 24°37 | 23°50 | 5°42 | 21°47 | 4° 6 | 22°21 | 12° 4 | 13°21 | 25°41 | 25°46 | M14 |
| T 15 | 23 37 40 | 23° 6'44 | 5≈17 | 12°53 | 16°28 | 25°12 | 24° 3 | 5°45 | 21°51 | 4° 5 | 22°23 | 11°59 | 13°18 | 25°48 | 25°45 | T 15 |
| W16 | 23 41 37 | 24° 4'33 | 20°12 | 14°26 | 17°42 | 25°47 | 24°16 | 5°48 | 21°54 | 4° 4 | 22°24 | 11°53 | 13°15 | 25°54 | 25°44 | W16 |
| T 17 | 23 45 33 | 25° 2'23 | 5) 18 | 15°58 | 18°55 | 26°22 | 24°29 | 5°52 | 21°58 | 4° 3 | 22°26 | 11°46 | 13°12 | 26° 1 | 25°43 | T 17 |
| F 18 | 23 49 30 | 26° 0'14 | 20°27 | 17°28 | 20° 8 | 26°56 | 24°42 | 5°55 | 22° 2 | 4° 2 | 22°27 | 11°39 | 13° 8 | 26° 8 | 25°42 | F 18 |
| S 19 | 23 53 27 | 26°58'06 | 5 ℃ 27 | 18°57 | 21°22 | 27°31 | 24°55 | 5°58 | 22° 6 | 4° 1 | 22°29 | 11°34 | 13° 5 | 26°14 | 25°41 | S 19 |
| S 20 | 23 57 23 | 27°56'00 | 20°10 | 20°25 | 22°35 | 28° 5 | 25° 8 | 6° 1 | 22° 9 | 4° 0 | 22°30 | 11°30 | 13° 2 | 26°21 | 25°40 | S 20 |
| M21 | 0 1 20 | 28°53'56 | 4 8 30 | 21°51 | 23°48 | 28°38 | 25°21 | 6° 4 | 22°13 | 4° 0 | 22°32 | 11°29 | 12°59 | 26°28 | 25°39 | M21 |
| T 22 | 0 5 16 | 29°51'53 | 18°22 | 23°16 | 25° 1 | 29°12 | 25°34 | 6° 7 | 22°17 | 3°59 | 22°34 | 11°D29 | 12°56 | 26°35 | 25°37 | T 22 |
| W23 | 0 9 13 | 0 ≏ 49'52 | 1 Ⅱ 47 | 24°39 | 26°14 | 29°45 | 25°47 | 6°10 | 22°21 | 3°58 | 22°35 | 11°30 | 12°52 | 26°41 | 25°36 | W23 |
| T 24 | 0 13 9 | 1°47'53 | 14°47 | 26° 1 | 27°28 | 0918 | 26° 0 | 6°12 | 22°24 | 3°57 | 22°37 | 11°31 | 12°49 | 26°48 | 25°35 | T 24 |
| F 25 | 0 17 6 | 2°45'56 | 27°24 | 27°21 | 28°41 | 0°51 | 26°13 | 6°15 | 22°28 | 3°57 | 22°39 | 11°R32 | 12°46 | 26°55 | 25°33 | F 25 |
| S 26 | 0 21 2 | 3°44'00 | 99544 | 28°40 | 29°54 | 1°24 | 26°26 | 6°17 | 22°32 | 3°56 | 22°40 | 11°32 | 12°43 | 27° 1 | 25°32 | S 26 |
| S 27 | 0 24 59 | 4°42'07 | 21°50 | 29°57 | 1 m 7 | 1°56 | 26°39 | 6°20 | 22°35 | 3°56 | 22°42 | 11°31 | 12°40 | 27° 8 | 25°30 | S 27 |
| M28 | 0 28 56 | 5°40'15 | 3 Ω 47 | 1 M .12 | 2°20 | 2°28 | 26°52 | 6°22 | 22°39 | 3°55 | 22°44 | 11°27 | 12°37 | 27°15 | 25°29 | M28 |
| T 29 | 0 32 52 | 6°38'25 | 15°39 | 2°26 | 3°33 | 3° 0 | 27° 5 | 6°24 | 22°43 | 3°54 | 22°46 | 11°23 | 12°33 | 27°22 | 25°27 | T 29 |
| W30 | 0 36 49 | 7 ≏ 36'37 | 27 Ω 31 | 3 M .38 | 4 M .46 | 3931 | 27 Mp 18 | 6926 | 22 Mp 46 | 3≈54 | 22 M 48 | 11 8 17 | 12830 | 27 \O 28 | 25 8 25 | W30 |

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OCTOBER 3474 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q. | o [™] | 4 | ħ |)f(| , | В | v | v | Ç | ę, | Day |
|------|---------|------------------|------------------|----------------|----------------|----------------|----------------|-------|----------------|---------------|----------------|--------|-------|----------------|----------------|------|
| T 1 | 0 40 45 | 8₾34'50 | 9 m 24 | 4 M .48 | 5 M 59 | 499 2 | 27 m 31 | 6928 | 22 m 50 | 3°R54 | 22 M 49 | 11°R11 | 12827 | 27 £ 35 | 25°R24 | T 1 |
| F 2 | 0 44 42 | 9°33'05 | 21°23 | 5°56 | 7°13 | 4°33 | 27°44 | 6°30 | 22°54 | 3≈53 | 22°51 | 118 6 | 12°24 | 27°42 | 25 8 22 | F 2 |
| S 3 | 0 48 38 | 10°31'23 | 3 ₾ 28 | 7° 2 | 8°26 | 5° 3 | 27°57 | 6°32 | 22°57 | 3°53 | 22°53 | 11° 1 | 12°21 | 27°48 | 25°20 | S 3 |
| S 4 | 0 52 35 | 11°29'41 | 15°40 | 8° 6 | 9°39 | 5°33 | 28°10 | 6°33 | 23° 1 | 3°52 | 22°55 | 10°57 | 12°18 | 27°55 | 25°18 | S 4 |
| M 5 | 0 56 31 | 12°28'02 | 28° 3 | 9° 7 | 10°52 | 6° 3 | 28°23 | 6°35 | 23° 5 | 3°52 | 22°57 | 10°55 | 12°14 | 28° 2 | 25°17 | M 5 |
| T 6 | 1 0 28 | 13°26'24 | 10 M 35 | 10° 6 | 12° 5 | 6°32 | 28°36 | 6°36 | 23° 8 | 3°52 | 22°59 | 10°D54 | 12°11 | 28° 9 | 25°15 | T 6 |
| W 7 | 1 4 25 | 14°24'48 | 23°20 | 11° 2 | 13°18 | 7° 1 | 28°48 | 6°37 | 23°12 | 3°51 | 23° 1 | 10°55 | 12° 8 | 28°15 | 25°13 | W 7 |
| T 8 | 1 8 21 | 15°23'13 | 6 ₹ 18 | 11°55 | 14°31 | 7°30 | 29° 1 | 6°39 | 23°15 | 3°51 | 23° 3 | 10°56 | 12° 5 | 28°22 | 25°11 | T 8 |
| F 9 | 1 12 18 | 16°21'40 | 19°30 | 12°46 | 15°43 | 7°58 | 29°14 | 6°40 | 23°19 | 3°51 | 23° 5 | 10°57 | 12° 2 | 28°29 | 25° 9 | F 9 |
| S 10 | 1 16 14 | 17°20'09 | 2 ප 59 | 13°33 | 16°56 | 8°26 | 29°27 | 6°41 | 23°22 | 3°51 | 23° 7 | 10°59 | 11°58 | 28°35 | 25° 7 | S 10 |
| S 11 | 1 20 11 | 18°18'39 | 16°45 | 14°16 | 18° 9 | 8°54 | 29°39 | 6°42 | 23°26 | 3°50 | 23° 9 | 10°R59 | 11°55 | 28°42 | 25° 4 | S 11 |
| M12 | 1 24 7 | 19°17'11 | 0≈49 | 14°56 | 19°22 | 9°21 | 29°52 | 6°42 | 23°29 | 3°50 | 23°11 | 10°59 | 11°52 | 28°49 | 25° 2 | M12 |
| T 13 | 1 28 4 | 20°15'44 | 15° 9 | 15°32 | 20°35 | 9°48 | 0 º 5 | 6°43 | 23°33 | 3°50 | 23°13 | 10°58 | 11°49 | 28°56 | 25° 0 | T 13 |
| W14 | 1 32 0 | 21°14'18 | 29°43 | 16° 3 | 21°48 | 10°15 | 0°17 | 6°43 | 23°36 | 3°50 | 23°15 | 10°56 | 11°46 | 29° 2 | 24°58 | W14 |
| T 15 | 1 35 57 | 22°12'54 | 14) (25 | 16°29 | 23° 1 | 10°41 | 0°30 | 6°44 | 23°40 | 3°D50 | 23°18 | 10°53 | 11°43 | 29° 9 | 24°56 | T 15 |
| F 16 | 1 39 54 | 23°11'32 | 29°10 | 16°50 | 24°13 | 11° 6 | 0°42 | 6°44 | 23°43 | 3°50 | 23°20 | 10°51 | 11°39 | 29°16 | 24°53 | F 16 |
| S 17 | 1 43 50 | 24°10'12 | 13 Y 51 | 17° 6 | 25°26 | 11°31 | 0°55 | 6°44 | 23°46 | 3°50 | 23°22 | 10°49 | 11°36 | 29°23 | 24°51 | S 17 |
| S 18 | 1 47 47 | 25° 8'53 | 28°20 | 17°16 | 26°39 | 11°56 | 1° 7 | 6°45 | 23°50 | 3°50 | 23°24 | 10°48 | 11°33 | 29°29 | 24°49 | S 18 |
| M19 | 1 51 43 | 26° 7'36 | 12831 | 17°R19 | 27°52 | 12°21 | 1°20 | 6°R45 | 23°53 | 3°50 | 23°26 | 10°D47 | 11°30 | 29°36 | 24°46 | M19 |
| T 20 | 1 55 40 | 27° 6'21 | 26°21 | 17°16 | 29° 4 | 12°45 | 1°32 | 6°45 | 23°56 | 3°51 | 23°28 | 10°48 | 11°27 | 29°43 | 24°44 | T 20 |
| W21 | 1 59 36 | 28° 5'09 | 9 Ⅱ 47 | 17° 6 | 0 才 17 | 13° 8 | 1°44 | 6°44 | 24° 0 | 3°51 | 23°31 | 10°49 | 11°24 | 29°49 | 24°41 | W21 |
| T 22 | 2 3 33 | 29° 3'58 | 22°50 | 16°49 | 1°30 | 13°31 | 1°57 | 6°44 | 24° 3 | 3°51 | 23°33 | 10°50 | 11°20 | 29°56 | 24°39 | T 22 |
| F 23 | 2 7 29 | OM 2'50 | 5931 | 16°24 | 2°42 | 13°53 | 2° 9 | 6°44 | 24° 6 | 3°51 | 23°35 | 10°51 | 11°17 | 0Mp 3 | 24°36 | F 23 |
| S 24 | 2 11 26 | 1° 1'44 | 17°54 | 15°51 | 3°55 | 14°15 | 2°21 | 6°43 | 24° 9 | 3°51 | 23°37 | 10°52 | 11°14 | 0°10 | 24°34 | S 24 |
| S 25 | 2 15 23 | 2° 0'40 | 0 Ω 2 | 15°11 | 5° 7 | 14°37 | 2°33 | 6°42 | 24°12 | 3°52 | 23°40 | 10°R52 | 11°11 | 0°16 | 24°31 | S 25 |
| M26 | 2 19 19 | 2°59'38 | 12° 0 | 14°23 | 6°20 | 14°58 | 2°45 | 6°42 | 24°16 | 3°52 | 23°42 | 10°52 | 11°8 | 0°23 | 24°29 | M26 |
| T 27 | 2 23 16 | 3°58'39 | 23°53 | 13°29 | 7°32 | 15°18 | 2°57 | 6°41 | 24°19 | 3°52 | 23°44 | 10°51 | 11° 4 | 0°30 | 24°26 | T 27 |
| W28 | 2 27 12 | 4°57'41 | 5 m /46 | 12°29 | 8°45 | 15°38 | 3° 9 | 6°40 | 24°22 | 3°53 | 23°47 | 10°51 | 11° 1 | 0°36 | 24°23 | W28 |
| T 29 | 2 31 9 | 5°56'46 | 17°41 | 11°24 | 9°57 | 15°58 | 3°21 | 6°39 | 24°25 | 3°53 | 23°49 | 10°50 | 10°58 | 0°43 | 24°21 | T 29 |
| F 30 | 2 35 5 | 6°55'53 | 29°44 | 10°15 | 11°10 | 16°17 | 3°33 | 6°38 | 24°28 | 3°54 | 23°51 | 10°49 | 10°55 | 0°50 | 24°18 | F 30 |
| S 31 | 2 39 2 | 7 M 55'02 | 11 ≏ 56 | 9 ™ 5 | 12 × 22 | 16935 | 3 ≏ 45 | 6936 | 24Mp31 | 3 ≈ 54 | 23 M 54 | 10849 | 10852 | 0 ₯ 57 | 24815 | S 31 |
| | | | | | | l | l | | -, | | | | | | | |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)ұ(| ¥ | В | ß | Ω | ţ | ę, | Day |
|------|---------|-------------------|-----------------|----------------|-----------------|--------|---------------|-------|----------|------|-------|--------|---------------|--------|----------------|------|
| S 1 | 2 42 58 | 8ML54'13 | 24 <u>₽</u> 21 | 7°R54 | 13 ∡ ³35 | 16953 | 3 ≙ 57 | 6°R35 | 24 Mp 34 | 3≈55 | 23M56 | 10°R49 | 10849 | 1 Mp 3 | 24°R12 | S 1 |
| M 2 | 2 46 55 | 9°53'26 | 6ML59 | 6 M .46 | 14°47 | 17°10 | 4° 8 | 6933 | 24°37 | 3°55 | 23°58 | 10°D49 | 10°45 | 1°10 | 24810 | M 2 |
| T 3 | 2 50 51 | 10°52'41 | 19°52 | 5°41 | 15°59 | 17°26 | 4°20 | 6°32 | 24°39 | 3°56 | 24° 1 | 10°R49 | 10°42 | 1°17 | 24° 7 | T 3 |
| W 4 | 2 54 48 | 11°51'58 | 2 ₹ 59 | 4°42 | 17°12 | 17°42 | 4°32 | 6°30 | 24°42 | 3°57 | 24° 3 | 10849 | 10°39 | 1°23 | 24° 4 | W 4 |
| T 5 | 2 58 45 | 12°51'17 | 16°19 | 3°51 | 18°24 | 17°57 | 4°43 | 6°28 | 24°45 | 3°57 | 24° 5 | 10°48 | 10°36 | 1°30 | 24° 1 | T 5 |
| F 6 | 3 2 41 | 13°50'38 | 29°53 | 3° 8 | 19°36 | 18°12 | 4°55 | 6°26 | 24°48 | 3°58 | 24° 8 | 10°48 | 10°33 | 1°37 | 23°58 | F 6 |
| S 7 | 3 6 38 | 14°50'00 | 13 る 39 | 2°36 | 20°49 | 18°25 | 5° 6 | 6°24 | 24°51 | 3°59 | 24°10 | 10°48 | 10°29 | 1°44 | 23°56 | S 7 |
| S 8 | 3 10 34 | 15°49'25 | 27°35 | 2°14 | 22° 1 | 18°39 | 5°17 | 6°22 | 24°53 | 3°59 | 24°13 | 10°47 | 10°26 | 1°50 | 23°53 | S 8 |
| M 9 | 3 14 31 | 16°48'51 | 11 ≈ 39 | 2°D 2 | 23°13 | 18°51 | 5°29 | 6°20 | 24°56 | 4° 0 | 24°15 | 10°D47 | 10°23 | 1°57 | 23°50 | M 9 |
| T 10 | 3 18 27 | 17°48'18 | 25°50 | 2° 3 | 24°25 | 19° 3 | 5°40 | 6°18 | 24°59 | 4° 1 | 24°17 | 10°47 | 10°20 | 2° 4 | 23°47 | T 10 |
| W11 | 3 22 24 | 18°47'47 | 10 米 6 | 2°14 | 25°37 | 19°14 | 5°51 | 6°15 | 25° 1 | 4° 2 | 24°20 | 10°48 | 10°17 | 2°10 | 23°44 | W11 |
| T 12 | 3 26 20 | 19°47'18 | 24°25 | 2°35 | 26°49 | 19°25 | 6° 2 | 6°13 | 25° 4 | 4° 3 | 24°22 | 10°48 | 10°14 | 2°17 | 23°41 | T 12 |
| F 13 | 3 30 17 | 20°46'50 | 8 Ƴ 41 | 3° 6 | 28° 1 | 19°34 | 6°13 | 6°10 | 25° 6 | 4° 4 | 24°25 | 10°49 | 10°10 | 2°24 | 23°39 | F 13 |
| S 14 | 3 34 14 | 21°46'24 | 22°54 | 3°47 | 29°13 | 19°43 | 6°24 | 6° 7 | 25° 9 | 4° 5 | 24°27 | 10°50 | 10° 7 | 2°31 | 23°36 | S 14 |
| S 15 | 3 38 10 | 22°46'00 | 6 8 57 | 4°35 | 0 궁 25 | 19°51 | 6°35 | 6° 5 | 25°11 | 4° 6 | 24°29 | 10°R50 | 10° 4 | 2°37 | 23°33 | S 15 |
| M16 | 3 42 7 | 23°45'38 | 20°48 | 5°32 | 1°37 | 19°59 | 6°45 | 6° 2 | 25°13 | 4° 7 | 24°32 | 10°50 | 10° 1 | 2°44 | 23°30 | M16 |
| T 17 | 3 46 3 | 24°45'17 | 4 Ⅱ 24 | 6°34 | 2°49 | 20° 6 | 6°56 | 5°59 | 25°16 | 4° 8 | 24°34 | 10°49 | 9°58 | 2°51 | 23°27 | T 17 |
| W18 | 3 50 0 | 25°44'59 | 17°41 | 7°43 | 4° 1 | 20°11 | 7° 7 | 5°56 | 25°18 | 4° 9 | 24°37 | 10°48 | 9°55 | 2°57 | 23°24 | W18 |
| T 19 | 3 53 56 | 26°44'43 | 09540 | 8°57 | 5°13 | 20°16 | 7°17 | 5°52 | 25°20 | 4°10 | 24°39 | 10°46 | 9°51 | 3° 4 | 23°21 | T 19 |
| F 20 | 3 57 53 | 27°44'29 | 13°21 | 10°15 | 6°24 | 20°21 | 7°27 | 5°49 | 25°23 | 4°11 | 24°42 | 10°43 | 9°48 | 3°11 | 23°18 | F 20 |
| S 21 | 4 1 50 | 28°44'16 | 25°45 | 11°37 | 7°36 | 20°24 | 7°38 | 5°46 | 25°25 | 4°12 | 24°44 | 10°40 | 9°45 | 3°17 | 23°16 | S 21 |
| S 22 | 4 5 46 | 29°44'06 | 7 Ω 54 | 13° 2 | 8°48 | 20°27 | 7°48 | 5°42 | 25°27 | 4°13 | 24°46 | 10°38 | 9°42 | 3°24 | 23°13 | S 22 |
| M23 | 4 9 43 | 0 ҂ 143′58 | 19°54 | 14°30 | 9°59 | 20°29 | 7°58 | 5°39 | 25°29 | 4°15 | 24°49 | 10°37 | 9°39 | 3°31 | 23°10 | M23 |
| T 24 | 4 13 39 | 1°43'52 | 1 M p47 | 15°59 | 11°11 | 20°29 | 8° 8 | 5°35 | 25°31 | 4°16 | 24°51 | 10°D36 | 9°35 | 3°38 | 23° 7 | T 24 |
| W25 | 4 17 36 | 2°43'48 | 13°39 | 17°31 | 12°22 | 20°R29 | 8°18 | 5°32 | 25°33 | 4°17 | 24°54 | 10°37 | 9°32 | 3°44 | 23° 4 | W25 |
| T 26 | 4 21 32 | 3°43'47 | 25°34 | 19° 4 | 13°34 | 20°29 | 8°28 | 5°28 | 25°35 | 4°18 | 24°56 | 10°38 | 9°29 | 3°51 | 23° 1 | T 26 |
| F 27 | 4 25 29 | 4°43'47 | 7 ≏ 38 | 20°38 | 14°45 | 20°27 | 8°38 | 5°24 | 25°37 | 4°20 | 24°58 | 10°40 | 9°26 | 3°58 | 22°59 | F 27 |
| S 28 | 4 29 25 | 5°43'49 | 19°55 | 22°13 | 15°57 | 20°24 | 8°47 | 5°20 | 25°39 | 4°21 | 25° 1 | 10°42 | 9°23 | 4° 4 | 22°56 | S 28 |
| S 29 | 4 33 22 | 6°43'53 | 2 M 27 | 23°49 | 17° 8 | 20°21 | 8°57 | 5°16 | 25°40 | 4°23 | 25° 3 | 10°43 | 9°20 | 4°11 | 22°53 | S 29 |
| M30 | 4 37 19 | 7 . ₹43'59 | 15 M .19 | 25 M 25 | 18 궁 19 | 209516 | 9 쇼 6 | 59912 | 25 Mp 42 | 4≈24 | 25M 6 | 10°R43 | 9 8 16 | 4Mp18 | 22 8 50 | M30 |

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|------|---------|-------------------|-----------------|----------------|----------------|--------|----------------|-------|----------|--------------|--------|--------------|---------------|---------------|----------------|------|
| T 1 | 4 41 15 | 8 √ 144'08 | 28M30 | 27 m 2 | 19 궁 30 | 20°R11 | 9 ₽ 15 | 5°R 8 | 25 Mp 44 | 4≈25 | 25M 8 | 10°R42 | 9 8 13 | 4 Mp 25 | 22°R47 | T 1 |
| W 2 | 4 45 12 | 9°44'17 | 12 ×7 0 | 28°39 | 20°41 | 2095 5 | 9°25 | 599 4 | 25°45 | 4°27 | 25°10 | 10839 | 9°10 | 4°31 | 22 8 45 | W 2 |
| T 3 | 4 49 8 | 10°44'29 | 25°49 | 0 才 16 | 21°53 | 19°58 | 9°34 | 5° 0 | 25°47 | 4°28 | 25°13 | 10°35 | 9° 7 | 4°38 | 22°42 | T 3 |
| F 4 | 4 53 5 | 11°44'43 | 9 ප 51 | 1°53 | 23° 4 | 19°50 | 9°43 | 4°56 | 25°49 | 4°30 | 25°15 | 10°30 | 9° 4 | 4°45 | 22°39 | F 4 |
| S 5 | 4 57 1 | 12°44'57 | 24° 4 | 3°30 | 24°14 | 19°41 | 9°52 | 4°52 | 25°50 | 4°31 | 25°17 | 10°25 | 9° 1 | 4°51 | 22°37 | S 5 |
| S 6 | 5 0 58 | 13°45'14 | 8≈21 | 5° 7 | 25°25 | 19°31 | 10° 0 | 4°47 | 25°51 | 4°33 | 25°20 | 10°21 | 8°57 | 4°58 | 22°34 | S 6 |
| M 7 | 5 4 54 | 14°45'31 | 22°39 | 6°43 | 26°36 | 19°20 | 10° 9 | 4°43 | 25°53 | 4°35 | 25°22 | 10°18 | 8°54 | 5° 5 | 22°31 | M 7 |
| T 8 | 5 8 51 | 15°45'50 | 6) €54 | 8°20 | 27°47 | 19° 9 | 10°18 | 4°38 | 25°54 | 4°36 | 25°24 | 10°16 | 8°51 | 5°12 | 22°29 | T 8 |
| W 9 | 5 12 48 | 16°46'10 | 21° 4 | 9°57 | 28°58 | 18°57 | 10°26 | 4°34 | 25°55 | 4°38 | 25°27 | 10°D15 | 8°48 | 5°18 | 22°26 | W 9 |
| T 10 | 5 16 44 | 17°46'32 | 5 Υ 6 | 11°33 | 0≈ 8 | 18°43 | 10°34 | 4°29 | 25°57 | 4°40 | 25°29 | 10°16 | 8°45 | 5°25 | 22°24 | T 10 |
| F 11 | 5 20 41 | 18°46'54 | 19° 0 | 13° 9 | 1°19 | 18°30 | 10°42 | 4°25 | 25°58 | 4°41 | 25°31 | 10°18 | 8°41 | 5°32 | 22°21 | F 11 |
| S 12 | 5 24 37 | 19°47'18 | 2 8 45 | 14°45 | 2°29 | 18°15 | 10°50 | 4°20 | 25°59 | 4°43 | 25°34 | 10°19 | 8°38 | 5°38 | 22°19 | S 12 |
| S 13 | 5 28 34 | 20°47'43 | 16°21 | 16°21 | 3°39 | 17°59 | 10°58 | 4°15 | 26° 0 | 4°45 | 25°36 | 10°R19 | 8°35 | 5°45 | 22°16 | S 13 |
| M14 | 5 32 30 | 21°48'10 | 29°46 | 17°56 | 4°49 | 17°43 | 11° 6 | 4°11 | 26° 1 | 4°46 | 25°38 | 10°17 | 8°32 | 5°52 | 22°14 | M14 |
| T 15 | 5 36 27 | 22°48'38 | 12∏59 | 19°31 | 6° 0 | 17°26 | 11°14 | 4° 6 | 26° 2 | 4°48 | 25°40 | 10°14 | 8°29 | 5°59 | 22°11 | T 15 |
| W16 | 5 40 23 | 23°49'08 | 26° 0 | 21° 7 | 7°10 | 17° 9 | 11°21 | 4° 1 | 26° 3 | 4°50 | 25°42 | 10° 8 | 8°26 | 6° 5 | 22° 9 | W16 |
| T 17 | 5 44 20 | 24°49'39 | 89647 | 22°41 | 8°19 | 16°51 | 11°28 | 3°56 | 26° 4 | 4°52 | 25°45 | 10° 0 | 8°22 | 6°12 | 22° 7 | T 17 |
| F 18 | 5 48 17 | 25°50'11 | 21°20 | 24°16 | 9°29 | 16°32 | 11°36 | 3°51 | 26° 4 | 4°54 | 25°47 | 9°51 | 8°19 | 6°19 | 22° 4 | F 18 |
| S 19 | 5 52 13 | 26°50'45 | 3 Ω 40 | 25°51 | 10°39 | 16°12 | 11°43 | 3°47 | 26° 5 | 4°56 | 25°49 | 9°42 | 8°16 | 6°25 | 22° 2 | S 19 |
| S 20 | 5 56 10 | 27°51'20 | 15°47 | 27°25 | 11°48 | 15°52 | 11°50 | 3°42 | 26° 6 | 4°57 | 25°51 | 9°34 | 8°13 | 6°32 | 22° 0 | S 20 |
| M21 | 6 0 6 | 28°51'57 | 27°46 | 29° 0 | 12°58 | 15°32 | 11°57 | 3°37 | 26° 6 | 4°59 | 25°53 | 9°28 | 8°10 | 6°39 | 21°58 | M21 |
| T 22 | 6 4 3 | 2 <u>9°</u> 52'35 | 9 m y38 | 0 궁 34 | 14° 7 | 15°11 | 12° 3 | 3°32 | 26° 7 | 5° 1 | 25°55 | 9°23 | 8° 7 | 6°45 | 21°56 | T 22 |
| W23 | 6 7 59 | 0 ට 53'15 | 21°28 | 2° 8 | 15°16 | 14°49 | 12°10 | 3°27 | 26° 8 | 5° 3 | 25°57 | 9°21 | 8° 3 | 6°52 | 21°54 | W23 |
| T 24 | 6 11 56 | 1°53'56 | 3 ≏ 21 | 3°42 | 16°26 | 14°27 | 12°16 | 3°22 | 26° 8 | 5° 5 | 26° 0 | 9°D20 | 8° 0 | 6°59 | 21°52 | T 24 |
| F 25 | 6 15 53 | 2°54'39 | 15°23 | 5°16 | 17°35 | 14° 5 | 12°22 | 3°17 | 26° 8 | 5° 7 | 26° 2 | 9°21 | 7°57 | 7° 6 | 21°50 | F 25 |
| S 26 | 6 19 49 | 3°55'23 | 27°38 | 6°50 | 18°43 | 13°43 | 12°28 | 3°12 | 26° 9 | 5° 9 | 26° 4 | 9°22 | 7°54 | 7°12 | 21°48 | S 26 |
| S 27 | 6 23 46 | 4°56'08 | 10 M J11 | 8°24 | 19°52 | 13°20 | 12°34 | 3° 8 | 26° 9 | 5°11 | 26° 6 | 9°R22 | 7°51 | 7°19 | 21°46 | S 27 |
| M28 | 6 27 42 | 5°56'55 | 23° 7 | 9°58 | 21° 1 | 12°57 | 12°40 | 3° 3 | 26° 9 | 5°13 | 26° 8 | 9°21 | 7°47 | 7°26 | 21°44 | M28 |
| T 29 | 6 31 39 | 6°57'44 | 6 ₹ 29 | 11°32 | 22° 9 | 12°34 | 12°46 | 2°58 | 26° 9 | 5°15 | 26°10 | 9°18 | 7°44 | 7°32 | 21°42 | T 29 |
| W30 | 6 35 35 | 7°58'33 | 20°15 | 13° 6 | 23°17 | 12°11 | 12°51 | 2°53 | 26°10 | 5°17 | 26°12 | 9°12 | 7°41 | 7°39 | 21°40 | W30 |
| T 31 | 6 39 32 | 8 궁 59'24 | 4 る 26 | 14 る 40 | 24≈25 | 119548 | 12 ≏ 56 | 29548 | 26Mp10 | 5≈19 | 26ML13 | 9 8 4 | 7 8 38 | 7 m 46 | 21838 | T 31 |

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|--------------|--------------------|----------------------|-------------------------|-----------------------|------------------------|---------------|----------------|--------------|-----------------|--------------|----------------|---------------|---------------|-----------------|----------------|--------------|
| F 1 | 6 43 28 | 10궁 0'16 | 18 ප් 56 | 16 궁 14 | 25≈33 | 11°R25 | 13 ₾ 1 | 2°R43 | 26°R10 | 5≈21 | 26MJ5 | 8°R54 | 7 8 35 | 7 m 53 | 21°R37 | F 1 |
| S 2 | 6 47 25 | 11° 1'09 | 3≈37 | 17°48 | 26°41 | 1195 2 | 13° 6 | 2938 | 26Mp10 | 5°24 | 26°17 | 8 8 44 | 7°32 | 7°59 | 21835 | S 2 |
| S 3 | 6 51 22 | 12° 2'02 | 18°23 | 19°22 | 27°49 | 10°39 | 13°11 | 2°34 | 26° 9 | 5°26 | 26°19 | 8°35 | 7°28 | 8° 6 | 21°33 | S 3 |
| M 4 T 5 | 6 55 18 6 59 15 | 13° 2'56 14° 3'51 | 3 米 5 17°37 | 20°56 22°30 | 28°56 0\mathbf{H} 3 | 10°16 9°53 | 13°16 13°20 | 2°29 2°24 | 26° 9 26° 9 | 5°28 5°30 | 26°21 26°23 | 8°27 8°22 | 7°25 7°22 | 8°13 8°19 | 21°32 21°30 | M 4 T 5 |
| W 6 | 7 3 11 | 15° 4'46 | 1γ54 | 24° 4 | 1°10 | 9°31 | 13°25 | 2°19 | 26° 9 | 5°32 | 26°25 | 8°19 | 7°19 | 8°26 | 21°29 | W 6 |
| T 7 | 7 7 8 | 16° 5'42 | 15°55 | 25°38 | 2°17 | 9° 9 | 13°29 | 2°15 | 26° 8 | 5°34 | 26°26 | 8°D18 | 7°16 | 8°33 | 21°28 | T 7 |
| F 8 | 7 11 4 | 17° 6'38 | 29°39 | 27°13 | 3°24 | 8°48 | 13°33 | 2°10 | 26° 8 | 5°36 | 26°28 | 8°18 | 7°13 | 8°39 | 21°26 | F 8 |
| S 9 | 7 15 1 | 18° 7'35 | 13 8 7 | 28°47 | 4°30 | 8°26 | 13°36 | 2° 5 | 26° 8 | 5°39 | 26°30 | 8°R18 | 7° 9 | 8°46 | 21°25 | S 9 |
| S 10 M11 | 7 18 57 7 22 54 | 19° 8'32 20° 9'30 | 26°21 9 Ⅲ 24 | 0 ≈ 21 1°55 | 5°36 6°42 | 8° 6 7°46 | 13°40 13°43 | 2° 1 1°56 | 26° 7 26° 6 | 5°41 5°43 | 26°31 26°33 | 8°17 8°13 | 7° 6 7° 3 | 8°53 9° 0 | 21°24 21°23 | S 10 M11 |
| T 12 | 7 26 51 | 20° 930 21°10'28 | 22°15 | 3°29 | 7°48 | 7°26 | 13°47 | 1°52 | 26° 6 | 5°45 | 26°35 | 8° 6 | 7° 0 | 9° 6 | 21°21 | T 12 |
| W13 | 7 30 47 | 22°11'26 | 4955 | 5° 3 | 8°53 | 7° 7 | 13°50 | 1°47 | 26° 5 | 5°47 | 26°36 | 7°57 | 6°57 | 9°13 | 21°20 | W13 |
| T 14 | 7 34 44 | 23°12'25 | 17°26 | 6°36 | 9°58 | 6°48 | 13°53 | 1°43 | 26° 4 | 5°50 | 26°38 | 7°44 | 6°54 | 9°20 | 21°19 | T 14 |
| F 15 S 16 | 7 38 40 7 42 37 | 24°13'25 25°14'25 | 29°47 11 Ω 58 | 8°10 9°43 | 11° 3 12° 8 | 6°30 6°13 | 13°55 13°58 | 1°38 1°34 | 26° 4 26° 3 | 5°52 5°54 | 26°39 26°41 | 7°31 7°16 | 6°50 6°47 | 9°26 9°33 | 21°18 21°17 | F 15 S 16 |
| S 17 | 7 46 33 | 26°15'26 | 24° 0 | 11°15 | 13°12 | 5°56 | 14° 0 | 1°30 | 26° 2 | 5°56 | 26°42 | 7° 3 | 6°44 | 9°40 | 21°17 | S 17 |
| M18 | 7 50 30 | 20°13′20 27°16′27 | 5 Mp 56 | 12°47 | 13 12 14°16 | 5°41 | 14° 0 | 1°26 | 26° 1 | 5°59 | 26°44 | 6°51 | 6°41 | 9°46 | 21°16 | M18 |
| T 19 | 7 54 27 | 28°17'28 | 17°46 | 14°18 | 15°20 | 5°25 | 14° 4 | 1°22 | 26° 0 | 6° 1 | 26°45 | 6°42 | 6°38 | 9°53 | 21°15 | T 19 |
| W20 | 7 58 23 | 29°18'30 | 29°35 | 15°48 | 16°23 | 5°11 | 14° 6 | 1°18 | 25°59 | 6° 3 | 26°47 | 6°36 | 6°34 | 10° 0 | 21°14 | W20 |
| T 21 F 22 | 8 2 20 8 6 16 | 0≈19'33 1°20'36 | 11 ≏ 26 23°24 | 17°16 18°44 | 17°26 18°29 | 4°57 4°44 | 14° 8 14° 9 | 1°14 1°10 | 25°58 25°57 | 6° 5 6° 8 | 26°48 26°49 | 6°33 6°32 | 6°31 6°28 | 10° 7 10°13 | 21°14 21°13 | T 21 F 22 |
| S 23 | 8 10 13 | 2°21'40 | 5M35 | 20° 9 | 19°31 | 4°32 | 14°10 | 1° 6 | 25°56 | 6°10 | 26°51 | 6°32 | 6°25 | 10°20 | 21°13 | S 23 |
| S 24 | 8 14 9 | 3°22'44 | 18° 4 | 21°33 | 20°33 | 4°21 | 14°11 | 1° 2 | 25°54 | 6°12 | 26°52 | 6°31 | 6°22 | 10°27 | 21°12 | S 24 |
| M25 | 8 18 6 | 4°23'49 | 0 ₹ 56 | 22°54 | 21°35 | 4°10 | 14°12 | 0°58 | 25°53 | 6°14 | 26°53 | 6°30 | 6°19 | 10°33 | 21°12 | M25 |
| T 26 | 8 22 2 | 5°24'55 | 14°16 | 24°12 | 22°36 | 4° 1 | 14°13 | 0°55 | 25°52 | 6°17 | 26°54 | 6°26 | 6°15 | 10°40 | 21°12 | T 26 |
| W27 T 28 | 8 25 59 8 29 56 | 6°26'00 7°27'06 | 28° 5 12 る 23 | 25°26 26°37 | 23°37 24°37 | 3°52 3°44 | 14°13 14°13 | 0°51 0°48 | 25°50 25°49 | 6°19 6°21 | 26°56 26°57 | 6°19 6°10 | 6°12 6° 9 | 10°47 10°53 | 21°11 21°11 | W27 T 28 |
| F 29 | 8 33 52 | 8°28'12 | 27° 7 | 27°42 | 25°37 | 3°36 | 14°R13 | 0°45 | 25°48 | 6°24 | 26°58 | 5°59 | 6° 6 | 11° 0 | 21°11 | F 29 |
| S 30 | 8 37 49 | 9°29'18 | 12 ≈ 8 | 28°42 | 26°37 | 3°30 | 14°13 | 0°41 | 25°46 | 6°26 | 26°59 | 5°46 | 6° 3 | 11° 7 | 21°11 | S 30 |
| S 31 | 8 41 45 | 10≈30'24 | 27≈18 | 29≈36 | 27) 36 | 3924 | 14 ₽ 13 | 0938 | 25 M)44 | 6≈28 | 27 M 0 | 5 8 35 | 6 8 0 | 11 m)14 | 21°D11 | S 31 |

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| Day | Sid.t | 0 | D | φ | φ | δ | 4 | ħ |)f(| ¥ | Р | C. | ೧ | Ç | Š | Day |
|------|----------|------------------|----------------|---------------|----------------|---------------|----------------|----------------|----------|---------------|----------------|---------------|---------------|-----------------|-------|------|
| M 1 | 8 45 42 | 11≈31'30 | 12 米 25 | 0 ∺ 22 | 28) 34 | 3°R19 | 14°R12 | 0°R35 | 25°R43 | 6≈30 | 27 m 1 | 5°R25 | 5 8 56 | 11 m 20 | 21811 | M 1 |
| T 2 | 8 49 38 | 12°32'36 | 27°19 | 1° 1 | 29°32 | 39915 | 14 ≏ 12 | 0ജ32 | 25 Mp 41 | 6°33 | 27° 2 | 5 8 18 | 5°53 | 11°27 | 21°11 | T 2 |
| W 3 | 8 53 35 | 13°33'41 | 11 Y 54 | 1°30 | 0 Υ 30 | 3°12 | 14°11 | 0°29 | 25°39 | 6°35 | 27° 3 | 5°14 | 5°50 | 11°34 | 21°11 | W 3 |
| T 4 | 8 57 31 | 14°34'45 | 26° 7 | 1°50 | 1°27 | 3°10 | 14° 9 | 0°26 | 25°38 | 6°37 | 27° 4 | 5°13 | 5°47 | 11°40 | 21°11 | T 4 |
| F 5 | 9 1 28 | 15°35'49 | 9 8 55 | 1°R59 | 2°23 | 3° 8 | 14° 8 | 0°23 | 25°36 | 6°39 | 27° 5 | 5°13 | 5°44 | 11°47 | 21°12 | F 5 |
| S 6 | 9 5 25 | 16°36'53 | 23°21 | 1°56 | 3°19 | 3°D 8 | 14° 7 | 0°21 | 25°34 | 6°42 | 27° 5 | 5°13 | 5°40 | 11°54 | 21°12 | S 6 |
| S 7 | 9 9 21 | 17°37'56 | 6 Ⅱ 27 | 1°42 | 4°14 | 3° 8 | 14° 5 | 0°18 | 25°32 | 6°44 | 27° 6 | 5°11 | 5°37 | 12° 0 | 21°12 | S 7 |
| M 8 | 9 13 18 | 18°38'58 | 19°16 | 1°16 | 5° 9 | 3° 9 | 14° 3 | 0°16 | 25°30 | 6°46 | 27° 7 | 5° 8 | 5°34 | 12° 7 | 21°13 | M 8 |
| T 9 | 9 17 14 | 19°40'00 | 1952 | 0°39 | 6° 3 | 3°10 | 14° 1 | 0°14 | 25°28 | 6°48 | 27° 8 | 5° 1 | 5°31 | 12°14 | 21°13 | T 9 |
| W10 | 9 21 11 | 20°41'02 | 14°17 | 29≈51 | 6°56 | 3°12 | 13°59 | 0°11 | 25°26 | 6°51 | 27° 8 | 4°52 | 5°28 | 12°21 | 21°14 | W10 |
| T 11 | 9 25 7 | 21°42'02 | 26°32 | 28°53 | 7°48 | 3°16 | 13°56 | 0° 9 | 25°24 | 6°53 | 27° 9 | 4°40 | 5°25 | 12°27 | 21°14 | T 11 |
| F 12 | 9 29 4 | 22°43'02 | $8\Omega 40$ | 27°47 | 8°40 | 3°19 | 13°54 | 0° 7 | 25°22 | 6°55 | 27°10 | 4°27 | 5°21 | 12°34 | 21°15 | F 12 |
| S 13 | 9 33 0 | 23°44'02 | 20°42 | 26°35 | 9°31 | 3°24 | 13°51 | 0° 5 | 25°20 | 6°57 | 27°10 | 4°13 | 5°18 | 12°41 | 21°16 | S 13 |
| S 14 | 9 36 57 | 24°45'00 | 2 m 38 | 25°19 | 10°21 | 3°29 | 13°48 | 0° 3 | 25°18 | 6°59 | 27°11 | 3°59 | 5°15 | 12°47 | 21°17 | S 14 |
| M15 | 9 40 54 | 25°45'59 | 14°30 | 24° 1 | 11°11 | 3°35 | 13°45 | 0° 2 | 25°16 | 7° 2 | 27°11 | 3°48 | 5°12 | 12°54 | 21°18 | M15 |
| T 16 | 9 44 50 | 26°46'56 | 26°19 | 22°45 | 11°59 | 3°42 | 13°41 | 0° 0 | 25°14 | 7° 4 | 27°12 | 3°39 | 5° 9 | 13° 1 | 21°18 | T 16 |
| W17 | 9 48 47 | 27°47'53 | 8 亚 8 | 21°31 | 12°47 | 3°49 | 13°38 | 29∏59 | 25°12 | 7° 6 | 27°12 | 3°33 | 5° 5 | 13° 7 | 21°19 | W17 |
| T 18 | 9 52 43 | 28°48'50 | 20° 1 | 20°23 | 13°34 | 3°57 | 13°34 | 29°57 | 25° 9 | 7° 8 | 27°13 | 3°30 | 5° 2 | 13°14 | 21°20 | T 18 |
| F 19 | 9 56 40 | 29°49'46 | 1 M 59 | 19°21 | 14°19 | 4° 5 | 13°30 | 29°56 | 25° 7 | 7°10 | 27°13 | 3°D29 | 4°59 | 13°21 | 21°21 | F 19 |
| S 20 | 10 0 36 | 0 ¥ 50'42 | 14° 9 | 18°26 | 15° 4 | 4°14 | 13°26 | 29°55 | 25° 5 | 7°12 | 27°13 | 3°29 | 4°56 | 13°27 | 21°23 | S 20 |
| S 21 | 10 433 | 1°51'37 | 26°34 | 17°40 | 15°48 | 4°24 | 13°22 | 29°54 | 25° 3 | 7°14 | 27°14 | 3°R30 | 4°53 | 13°34 | 21°24 | S 21 |
| M22 | 10 8 29 | 2°52'32 | 9 ~ 21 | 17° 2 | 16°30 | 4°34 | 13°17 | 29°53 | 25° 0 | 7°16 | 27°14 | 3°30 | 4°50 | 13°41 | 21°25 | M22 |
| T 23 | 10 12 26 | 3°53'26 | 22°33 | 16°34 | 17°12 | 4°45 | 13°13 | 29°52 | 24°58 | 7°19 | 27°14 | 3°28 | 4°46 | 13°48 | 21°26 | T 23 |
| W24 | 10 16 23 | 4°54'19 | 6 ਰ 14 | 16°14 | 17°52 | 4°57 | 13° 8 | 29°51 | 24°55 | 7°21 | 27°14 | 3°24 | 4°43 | 13°54 | 21°28 | W24 |
| T 25 | 10 20 19 | 5°55'12 | 20°25 | 16° 2 | 18°31 | 5° 9 | 13° 3 | 29°51 | 24°53 | 7°23 | 27°14 | 3°18 | 4°40 | 14° 1 | 21°29 | T 25 |
| F 26 | 10 24 16 | 6°56'05 | 5≈ 5 | 15°D59 | 19° 9 | 5°22 | 12°58 | 29°50 | 24°51 | 7°25 | 27°15 | 3°10 | 4°37 | 14° 8 | 21°31 | F 26 |
| S 27 | 10 28 12 | 7°56'56 | 20° 7 | 16° 3 | 19°45 | 5°35 | 12°53 | 29°50 | 24°48 | 7°27 | 27°15 | 3° 1 | 4°34 | 14°14 | 21°32 | S 27 |
| S 28 | 10 32 9 | 8 ¥ 57'46 | 5 ¥ 23 | 16≈14 | 20 Y 20 | 5 9 49 | 12 ≏ 48 | 29 Ⅱ 49 | 24 Mp 46 | 7 ≈ 29 | 27 M 15 | 2 8 52 | 4 8 31 | 14 m /21 | 21834 | S 28 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 74 | ħ |)f(| 卉 | Р | ß | ß | Ç | ę, | Day |
|------|----------|-------------------|------------------|----------------|----------------|--------------|----------------|---------------|----------|---------------|----------------|---------------|---------------|-----------------|----------------|------|
| M 1 | 10 36 5 | 9 ∺ 58'36 | 20) (42 | 16≈32 | 20 Y 54 | 6 9 3 | 12°R42 | 29°R49 | 24°R43 | 7≈31 | 27°R15 | 2°R45 | 4 8 27 | 14 m 28 | 21 8 35 | M 1 |
| T 2 | 10 40 2 | 10°59'24 | 5 Ƴ 52 | 16°56 | 21°26 | 6°18 | 12 ₽ 36 | 29°D49 | 24 Mp 41 | 7°33 | 27 M 15 | 2 8 40 | 4°24 | 14°34 | 21°37 | T 2 |
| W 3 | 10 43 58 | 12° 0'11 | 20°45 | 17°25 | 21°57 | 6°33 | 12°31 | 29∏49 | 24°38 | 7°35 | 27°15 | 2°37 | 4°21 | 14°41 | 21°39 | W 3 |
| T 4 | 10 47 55 | 13° 0'56 | 5 8 14 | 18° 0 | 22°26 | 6°49 | 12°25 | 29°49 | 24°35 | 7°37 | 27°14 | 2°D36 | 4°18 | 14°48 | 21°41 | T 4 |
| F 5 | 10 51 52 | 14° 1'41 | 19°16 | 18°39 | 22°54 | 7° 5 | 12°19 | 29°50 | 24°33 | 7°39 | 27°14 | 2°37 | 4°15 | 14°54 | 21°42 | F 5 |
| S 6 | 10 55 48 | 15° 2'23 | 2 Ⅱ 51 | 19°23 | 23°19 | 7°21 | 12°12 | 29°50 | 24°30 | 7°41 | 27°14 | 2°38 | 4°11 | 15° 1 | 21°44 | S 6 |
| S 7 | 10 59 45 | 16° 3'05 | 16° 1 | 20°10 | 23°43 | 7°39 | 12° 6 | 29°51 | 24°28 | 7°42 | 27°14 | 2°R39 | 4° 8 | 15° 8 | 21°46 | S 7 |
| M 8 | 11 3 41 | 17° 3'45 | 28°49 | 21° 1 | 24° 5 | 7°56 | 12° 0 | 29°51 | 24°25 | 7°44 | 27°14 | 2°38 | 4° 5 | 15°15 | 21°48 | M 8 |
| T 9 | 11 738 | 18° 4'23 | 119520 | 21°56 | 24°26 | 8°14 | 11°53 | 29°52 | 24°23 | 7°46 | 27°13 | 2°35 | 4° 2 | 15°21 | 21°50 | T 9 |
| W10 | 11 11 34 | 19° 5'00 | 23°36 | 22°53 | 24°44 | 8°33 | 11°47 | 29°53 | 24°20 | 7°48 | 27°13 | 2°31 | 3°59 | 15°28 | 21°52 | W10 |
| T 11 | 11 15 31 | 20° 5'35 | 5 Ω 43 | 23°53 | 25° 0 | 8°51 | 11°40 | 29°54 | 24°17 | 7°50 | 27°13 | 2°24 | 3°56 | 15°35 | 21°54 | T 11 |
| F 12 | 11 19 27 | 21° 6'08 | 17°42 | 24°56 | 25°14 | 9°11 | 11°33 | 29°55 | 24°15 | 7°52 | 27°12 | 2°17 | 3°52 | 15°41 | 21°57 | F 12 |
| S 13 | 11 23 24 | 22° 6'40 | 29°36 | 26° 1 | 25°26 | 9°30 | 11°26 | 29°56 | 24°12 | 7°53 | 27°12 | 2° 8 | 3°49 | 15°48 | 21°59 | S 13 |
| S 14 | 11 27 21 | 23° 7'11 | 11 m)27 | 27° 9 | 25°35 | 9°50 | 11°19 | 29°57 | 24° 9 | 7°55 | 27°11 | 2° 1 | 3°46 | 15°55 | 22° 1 | S 14 |
| M15 | 11 31 17 | 24° 7'40 | 23°17 | 28°19 | 25°42 | 10°11 | 11°12 | 29°59 | 24° 7 | 7°57 | 27°11 | 1°54 | 3°43 | 16° 1 | 22° 3 | M15 |
| T 16 | 11 35 14 | 25° 8'07 | 5 ₾ 8 | 29°30 | 25°47 | 10°31 | 11° 4 | 0 9 90 | 24° 4 | 7°58 | 27°10 | 1°49 | 3°40 | 16° 8 | 22° 6 | T 16 |
| W17 | 11 39 10 | 26° 8'33 | 17° 2 | 0) 43 | 25°50 | 10°52 | 10°57 | 0° 2 | 24° 2 | 8° 0 | 27°10 | 1°46 | 3°37 | 16°15 | 22° 8 | W17 |
| T 18 | 11 43 7 | 27° 8'58 | 29° 0 | 1°58 | 25°R50 | 11°14 | 10°50 | 0° 4 | 23°59 | 8° 2 | 27° 9 | 1°D45 | 3°33 | 16°21 | 22°11 | T 18 |
| F 19 | 11 47 3 | 28° 9'21 | 11 M 6 | 3°15 | 25°48 | 11°35 | 10°42 | 0° 5 | 23°56 | 8° 3 | 27° 9 | 1°45 | 3°30 | 16°28 | 22°13 | F 19 |
| S 20 | 11 51 0 | 29° 9'43 | 23°21 | 4°33 | 25°43 | 11°57 | 10°35 | 0° 7 | 23°54 | 8° 5 | 27° 8 | 1°47 | 3°27 | 16°35 | 22°16 | S 20 |
| S 21 | 11 54 56 | 0 Υ 10'04 | 5 ₹ 51 | 5°53 | 25°35 | 12°20 | 10°27 | 0° 9 | 23°51 | 8° 7 | 27° 7 | 1°49 | 3°24 | 16°41 | 22°18 | S 21 |
| M22 | 11 58 53 | 1°10'23 | 1 <u>8</u> °38 | 7°14 | 25°26 | 12°42 | 10°20 | 0°12 | 23°49 | 8° 8 | 27° 7 | 1°50 | 3°21 | 16°48 | 22°21 | M22 |
| T 23 | 12 2 49 | 2°10'41 | 1 3 46 | 8°37 | 25°13 | 13° 5 | 10°12 | 0°14 | 23°46 | 8°10 | 27° 6 | 1°R51 | 3°17 | 16°55 | 22°24 | T 23 |
| W24 | 12 6 46 | 3°10'58 | 15°19 | 10° 1 | 24°59 | 13°29 | 10° 4 | 0°16 | 23°43 | 8°11 | 27° 5 | 1°50 | 3°14 | 17° 1 | 22°26 | W24 |
| T 25 | 12 10 43 | 4°11'13 | 29°17 | 11°26 | 24°41 | 13°52 | 9°56 | 0°19 | 23°41 | 8°13 | 27° 4 | 1°48 | 3°11 | 17° 8 | 22°29 | T 25 |
| F 26 | 12 14 39 | 5°11'27 | 13 ≈ 41 | 12°52 | 24°22 | 14°16 | 9°49 | 0°21 | 23°38 | 8°14 | 27° 3 | 1°45 | 3° 8 | 17°15 | 22°32 | F 26 |
| S 27 | 12 18 36 | 6°11'40 | 28°27 | 14°20 | 24° 0 | 14°40 | 9°41 | 0°24 | 23°36 | 8°16 | 27° 3 | 1°42 | 3° 5 | 17°22 | 22°35 | S 27 |
| S 28 | 12 22 32 | 7°11'51 | 13 ∺ 30 | 15°49 | 23°36 | 15° 5 | 9°33 | 0°27 | 23°33 | 8°17 | 27° 2 | 1°38 | 3° 2 | 17°28 | 22°38 | S 28 |
| M29 | 12 26 29 | 8°12'00 | 28°41 | 17°19 | 23° 9 | 15°29 | 9°25 | 0°30 | 23°31 | 8°18 | 27° 1 | 1°35 | 2°58 | 17°35 | 22°40 | M29 |
| T 30 | 12 30 25 | 9°12'08 | 13 Y 50 | 18°50 | 22°41 | 15°54 | 9°17 | 0°33 | 23°28 | 8°20 | 27° 0 | 1°33 | 2°55 | 17°42 | 22°43 | T 30 |
| W31 | 12 34 22 | 10 Υ 12'14 | 28 Y 47 | 20 米 22 | 22 Y 11 | 169519 | 9 ₾ 10 | 0936 | 23 Mp 26 | 8 ≈ 21 | 26M59 | 1°D32 | 2 8 52 | 17 M)48 | 22846 | W31 |

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|------|----------|-------------------|----------------|----------------|---------------|---------------|---------------|------|----------------|------|----------------|---------------|---------------|----------------|----------------|------|
| T 1 | 12 38 18 | 11 Y 12'18 | 13 8 25 | 21) 56 | 21°R39 | 169545 | 9°R 2 | 0939 | 23°R23 | 8≈22 | 26°R58 | 1 8 33 | 2 8 49 | 17 m 55 | 22 8 49 | T 1 |
| F 2 | 12 42 15 | 12°12'20 | 27°38 | 23°30 | 21 ° 6 | 17°10 | 8 ≏ 54 | 0°42 | 23 m 21 | 8°23 | 26 M 57 | 1°34 | 2°46 | 18° 2 | 22°52 | F 2 |
| S 3 | 12 46 12 | 13°12'20 | 11 Ⅱ 25 | 25° 6 | 20°32 | 17°36 | 8°46 | 0°46 | 23°18 | 8°25 | 26°56 | 1°35 | 2°43 | 18° 8 | 22°55 | S 3 |
| S 4 | 12 50 8 | 14°12'18 | 24°44 | 26°43 | 19°56 | 18° 2 | 8°38 | 0°49 | 23°16 | 8°26 | 26°54 | 1°36 | 2°39 | 18°15 | 22°59 | S 4 |
| M 5 | 12 54 5 | 15°12'14 | 7 9 39 | 28°21 | 19°20 | 18°29 | 8°31 | 0°53 | 23°13 | 8°27 | 26°53 | 1°37 | 2°36 | 18°22 | 23° 2 | M 5 |
| T 6 | 12 58 1 | 16°12'08 | 20°13 | 0 Υ 0 | 18°42 | 18°55 | 8°23 | 0°56 | 23°11 | 8°28 | 26°52 | 1°R37 | 2°33 | 18°28 | 23° 5 | T 6 |
| W 7 | 13 1 58 | 17°12'00 | 2Ω 29 | 1°41 | 18° 5 | 19°22 | 8°15 | 1° 0 | 23° 9 | 8°29 | 26°51 | 1°37 | 2°30 | 18°35 | 23° 8 | W 7 |
| T 8 | 13 5 54 | 18°11'50 | 14°33 | 3°22 | 17°27 | 19°49 | 8° 8 | 1° 4 | 23° 6 | 8°30 | 26°50 | 1°35 | 2°27 | 18°42 | 23°11 | T 8 |
| F 9 | 13 9 51 | 19°11'37 | 26°28 | 5° 5 | 16°50 | 20°16 | 8° 0 | 1° 8 | 23° 4 | 8°31 | 26°49 | 1°34 | 2°23 | 18°48 | 23°15 | F 9 |
| S 10 | 13 13 47 | 20°11'22 | 8 m 19 | 6°49 | 16°13 | 20°43 | 7°52 | 1°12 | 23° 2 | 8°32 | 26°47 | 1°32 | 2°20 | 18°55 | 23°18 | S 10 |
| S 11 | 13 17 44 | 21°11'06 | 20° 8 | 8°34 | 15°36 | 21°11 | 7°45 | 1°16 | 23° 0 | 8°33 | 26°46 | 1°30 | 2°17 | 19° 2 | 23°21 | S 11 |
| M12 | 13 21 41 | 22°10'47 | 1 ≏ 59 | 10°21 | 15° 1 | 21°39 | 7°38 | 1°20 | 22°57 | 8°34 | 26°45 | 1°29 | 2°14 | 19°8 | 23°25 | M12 |
| T 13 | 13 25 37 | 23°10'26 | 13°55 | 12° 8 | 14°26 | 22° 6 | 7°30 | 1°25 | 22°55 | 8°35 | 26°43 | 1°28 | 2°11 | 19°15 | 23°28 | T 13 |
| W14 | 13 29 34 | 24°10'03 | 25°56 | 13°57 | 13°53 | 22°35 | 7°23 | 1°29 | 22°53 | 8°36 | 26°42 | 1°D28 | 2° 8 | 19°22 | 23°31 | W14 |
| T 15 | 13 33 30 | 25° 9'38 | 8 M 5 | 15°47 | 13°22 | 23° 3 | 7°16 | 1°34 | 22°51 | 8°37 | 26°41 | 1°28 | 2° 4 | 19°28 | 23°35 | T 15 |
| F 16 | 13 37 27 | 26° 9'12 | 20°24 | 17°39 | 12°52 | 23°31 | 7° 9 | 1°38 | 22°49 | 8°38 | 26°39 | 1°28 | 2° 1 | 19°35 | 23°38 | F 16 |
| S 17 | 13 41 23 | 27° 8'44 | 2 , 754 | 19°32 | 12°24 | 24° 0 | 7° 2 | 1°43 | 22°47 | 8°39 | 26°38 | 1°28 | 1°58 | 19°42 | 23°42 | S 17 |
| S 18 | 13 45 20 | 28° 8'14 | 15°38 | 21°26 | 11°58 | 24°28 | 6°55 | 1°47 | 22°45 | 8°39 | 26°37 | 1°29 | 1°55 | 19°49 | 23°45 | S 18 |
| M19 | 13 49 16 | 29° 7'42 | 28°36 | 23°21 | 11°34 | 24°57 | 6°48 | 1°52 | 22°43 | 8°40 | 26°35 | 1°29 | 1°52 | 19°55 | 23°49 | M19 |
| T 20 | 13 53 13 | 0 8 7'09 | 11 궁 50 | 25°18 | 11°13 | 25°26 | 6°41 | 1°57 | 22°41 | 8°41 | 26°34 | 1°29 | 1°48 | 20° 2 | 23°52 | T 20 |
| W21 | 13 57 10 | 1° 6'34 | 25°22 | 27°15 | 10°54 | 25°56 | 6°35 | 2° 2 | 22°39 | 8°42 | 26°32 | 1°29 | 1°45 | 20° 9 | 23°56 | W21 |
| T 22 | 14 1 6 | 2° 5'57 | 9 ≈ 13 | 29°14 | 10°37 | 26°25 | 6°28 | 2° 7 | 22°37 | 8°42 | 26°31 | 1°29 | 1°42 | 20°15 | 23°59 | T 22 |
| F 23 | 14 5 3 | 3° 5'18 | 23°22 | 1814 | 10°22 | 26°54 | 6°22 | 2°12 | 22°35 | 8°43 | 26°29 | 1°29 | 1°39 | 20°22 | 24° 3 | F 23 |
| S 24 | 14 8 59 | 4° 4'38 | 7) €49 | 3°16 | 10°10 | 27°24 | 6°15 | 2°18 | 22°34 | 8°43 | 26°28 | 1°30 | 1°36 | 20°29 | 24° 6 | S 24 |
| S 25 | 14 12 56 | 5° 3'56 | 22°28 | 5°18 | 10° 1 | 27°54 | 6° 9 | 2°23 | 22°32 | 8°44 | 26°26 | 1°30 | 1°33 | 20°35 | 24°10 | S 25 |
| M26 | 14 16 52 | 6° 3'13 | 7 Υ 16 | 7°21 | 9°54 | 28°24 | 6° 3 | 2°28 | 22°30 | 8°44 | 26°25 | 1°30 | 1°29 | 20°42 | 24°14 | M26 |
| T 27 | 14 20 49 | 7° 2'27 | 22° 6 | 9°24 | 9°50 | 28°54 | 5°57 | 2°34 | 22°29 | 8°45 | 26°23 | 1°31 | 1°26 | 20°49 | 24°17 | T 27 |
| W28 | 14 24 45 | 8° 1'40 | 6 8 50 | 11°29 | 9°D47 | 29°24 | 5°52 | 2°39 | 22°27 | 8°45 | 26°21 | 1°R31 | 1°23 | 20°55 | 24°21 | W28 |
| T 29 | 14 28 42 | 9° 0'51 | 21°21 | 13°33 | 9°48 | 29°54 | 5°46 | 2°45 | 22°25 | 8°46 | 26°20 | 1°30 | 1°20 | 21° 2 | 24°25 | T 29 |
| F 30 | 14 32 39 | 108 0'00 | 5 Ⅱ 34 | 15 8 38 | 9 Υ 50 | 0 Ω 25 | 5 ≏ 41 | 2950 | 22 Mp 24 | 8≈46 | 26 M 18 | 1 8 30 | 1817 | 21 Mg 9 | 24 8 28 | F 30 |

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|------|----------|-------------------|----------------|----------------|----------------|----------------|---------------|-------|----------|-------|----------------|---------------|----------------|----------------|----------------|------|
| S 1 | 14 36 35 | 10859'06 | 19 Ⅱ 23 | 17 8 43 | 9 Ƴ 55 | 0 Ω 55 | 5°R35 | 2956 | 22°R22 | 8≈46 | 26°R17 | 1°R28 | 1814 | 21 m 15 | 24 8 32 | S 1 |
| S 2 | 14 40 32 | 11°58'11 | 29548 | 19°47 | 10° 2 | 1°26 | 5 ₽ 30 | 3° 2 | 22 Mp 21 | 8°47 | 26M15 | 1827 | 1°10 | 21°22 | 24°36 | S 2 |
| M 3 | 14 44 28 | 12°57'14 | 15°49 | 21°50 | 10°12 | 1°57 | 5°25 | 3° 8 | 22°20 | 8°47 | 26°13 | 1°26 | 1° 7 | 21°29 | 24°40 | M 3 |
| T 4 | 14 48 25 | 13°56'14 | 28°28 | 23°53 | 10°23 | 2°28 | 5°20 | 3°14 | 22°18 | 8°47 | 26°12 | 1°25 | 1° 4 | 21°35 | 24°43 | T 4 |
| W 5 | 14 52 21 | 14°55'12 | 10 Ω 48 | 25°54 | 10°37 | 2°59 | 5°16 | 3°20 | 22°17 | 8°47 | 26°10 | 1°D24 | 1° 1 | 21°42 | 24°47 | W 5 |
| T 6 | 14 56 18 | 15°54'08 | 22°53 | 27°53 | 10°53 | 3°30 | 5°11 | 3°26 | 22°16 | 8°48 | 26° 9 | 1°24 | 0°58 | 21°49 | 24°51 | T 6 |
| F 7 | 15 0 14 | 16°53'01 | 4 m 49 | 29°50 | 11°10 | 4° 1 | 5° 7 | 3°32 | 22°15 | 8°48 | 26° 7 | 1°25 | 0°54 | 21°55 | 24°55 | F 7 |
| S 8 | 15 4 11 | 17°51'52 | 16°39 | 1 Ⅱ 45 | 11°30 | 4°33 | 5° 3 | 3°38 | 22°13 | 8°48 | 26° 5 | 1°26 | 0°51 | 22° 2 | 24°58 | S 8 |
| S 9 | 15 8 8 | 18°50'42 | 28°29 | 3°37 | 11°51 | 5° 4 | 4°58 | 3°44 | 22°12 | 8°48 | 26° 3 | 1°28 | 0°48 | 22° 9 | 25° 2 | S 9 |
| M10 | 15 12 4 | 19°49'29 | 10 ≏ 22 | 5°26 | 12°14 | 5°36 | 4°55 | 3°50 | 22°11 | 8°48 | 26° 2 | 1°29 | 0°45 | 22°15 | 25° 6 | M10 |
| T 11 | 15 16 1 | 20°48'14 | 22°22 | 7°12 | 12°39 | 6° 7 | 4°51 | 3°57 | 22°10 | 8°R48 | 26° 0 | 1°30 | 0°42 | 22°22 | 25°10 | T 11 |
| W12 | 15 19 57 | 21°46'57 | 4MJ32 | 8°54 | 13° 5 | 6°39 | 4°47 | 4° 3 | 22° 9 | 8°48 | 25°58 | 1°R31 | 0°39 | 22°29 | 25°13 | W12 |
| T 13 | 15 23 54 | 22°45'38 | 16°55 | 10°32 | 13°33 | 7°11 | 4°44 | 4° 9 | 22° 8 | 8°48 | 25°57 | 1°30 | 0°35 | 22°35 | 25°17 | T 13 |
| F 14 | 15 27 50 | 23°44'17 | 29°31 | 12° 6 | 14° 3 | 7°43 | 4°41 | 4°16 | 22° 8 | 8°48 | 25°55 | 1°28 | 0°32 | 22°42 | 25°21 | F 14 |
| S 15 | 15 31 47 | 24°42'54 | 12 × 22 | 13°36 | 14°34 | 8°15 | 4°38 | 4°22 | 22° 7 | 8°48 | 25°53 | 1°25 | 0°29 | 22°49 | 25°25 | S 15 |
| S 16 | 15 35 43 | 25°41'30 | 25°27 | 15° 1 | 15° 7 | 8°47 | 4°35 | 4°29 | 22° 6 | 8°47 | 25°52 | 1°21 | 0°26 | 22°55 | 25°29 | S 16 |
| M17 | 15 39 40 | 26°40'04 | 8 국 45 | 16°22 | 15°41 | 9°19 | 4°32 | 4°36 | 22° 5 | 8°47 | 25°50 | 1°18 | 0°23 | 23° 2 | 25°32 | M17 |
| T 18 | 15 43 37 | 27°38'36 | 22°17 | 17°38 | 16°16 | 9°51 | 4°30 | 4°42 | 22° 5 | 8°47 | 25°48 | 1°14 | 0°20 | 23° 9 | 25°36 | T 18 |
| W19 | 15 47 33 | 28°37'07 | 6≈ 1 | 18°50 | 16°52 | 10°24 | 4°28 | 4°49 | 22° 4 | 8°47 | 25°47 | 1°11 | 0°16 | 23°16 | 25°40 | W19 |
| T 20 | 15 51 30 | 29°35'36 | 19°55 | 19°56 | 17°30 | 10°56 | 4°25 | 4°56 | 22° 4 | 8°46 | 25°45 | 1°10 | 0°13 | 23°22 | 25°44 | T 20 |
| F 21 | 15 55 26 | 0 Ⅲ 34'04 | 3 ∺ 59 | 20°57 | 18° 9 | 11°29 | 4°23 | 5° 3 | 22° 3 | 8°46 | 25°43 | 1°D 9 | 0°10 | 23°29 | 25°48 | F 21 |
| S 22 | 15 59 23 | 1°32'30 | 18°12 | 21°53 | 18°49 | 12° 1 | 4°22 | 5°10 | 22° 3 | 8°46 | 25°42 | 1°10 | 0° 7 | 23°36 | 25°51 | S 22 |
| S 23 | 16 3 19 | 2°30'55 | 2 Υ 31 | 22°44 | 19°30 | 12°34 | 4°20 | 5°17 | 22° 2 | 8°45 | 25°40 | 1°12 | 0° 4 | 23°42 | 25°55 | S 23 |
| M24 | 16 7 16 | 3°29'18 | 16°53 | 23°30 | 20°12 | 13° 7 | 4°19 | 5°23 | 22° 2 | 8°45 | 25°38 | 1°13 | 0° 0 | 23°49 | 25°59 | M24 |
| T 25 | 16 11 12 | 4°27'40 | 1816 | 24°11 | 20°55 | 13°39 | 4°17 | 5°30 | 22° 2 | 8°45 | 25°36 | 1°R14 | 29 Y 57 | 23°56 | 26° 3 | T 25 |
| W26 | 16 15 9 | 5°26'00 | 15°35 | 24°46 | 21°39 | 14°12 | 4°16 | 5°38 | 22° 1 | 8°44 | 25°35 | 1°13 | 29°54 | 24° 2 | 26° 7 | W26 |
| T 27 | 16 19 6 | 6°24'18 | 29°46 | 25°16 | 22°24 | 14°45 | 4°16 | 5°45 | 22° 1 | 8°44 | 25°33 | 1°10 | 29°51 | 24° 9 | 26°10 | T 27 |
| F 28 | 16 23 2 | 7°22'35 | 13 Ⅱ 43 | 25°41 | 23°10 | 15°18 | 4°15 | 5°52 | 22° 1 | 8°43 | 25°31 | 1° 6 | 29°48 | 24°16 | 26°14 | F 28 |
| S 29 | 16 26 59 | 8°20'51 | 27°24 | 26° 0 | 23°57 | 15°51 | 4°14 | 5°59 | 22° 1 | 8°42 | 25°30 | 1° 1 | 29°45 | 24°22 | 26°18 | S 29 |
| S 30 | 16 30 55 | 9°19'04 | 109544 | 26°14 | 24°44 | 16°25 | 4°14 | 6° 6 | 22°D 1 | 8°42 | 25°28 | 0°54 | 29°41 | 24°29 | 26°22 | S 30 |
| M31 | 16 34 52 | 10 Ⅱ 17'16 | 239544 | 26Ⅲ22 | 25 Y 33 | 16 Ω 58 | 4°D14 | 69913 | 22 Mp 1 | 8≈41 | 25 M 27 | 0 8 48 | 29 Y 38 | 24 Mp 36 | 26 8 25 | M31 |

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|------|----------|--------------------|----------------|----------------|----------------|----------------|---------------|--------|----------------|-------|----------------|----------------|----------------|----------|---------------|------|
| T 1 | 16 38 48 | 11 II 15'26 | 6 Ω 24 | 26°R26 | 26 Y 22 | 17 Ω 31 | 4 ₽ 14 | 6921 | 22 Mp 1 | 8°R41 | 25°R25 | 0°R42 | 29 Y 35 | 24 Mp 42 | 26829 | T 1 |
| W 2 | 16 42 45 | 12°13'34 | 18°45 | 26∏24 | 27°11 | 18° 5 | 4°14 | 6°28 | 22° 1 | 8≈40 | 25 M 23 | 0 8 38 | 29°32 | 24°49 | 26°33 | W 2 |
| T 3 | 16 46 41 | 13°11'40 | 0 m 52 | 26°17 | 28° 2 | 18°38 | 4°15 | 6°35 | 22° 2 | 8°39 | 25°22 | 0°35 | 29°29 | 24°56 | 26°36 | T 3 |
| F 4 | 16 50 38 | 14° 9'45 | 12°48 | 26° 6 | 28°53 | 19°12 | 4°16 | 6°43 | 22° 2 | 8°38 | 25°20 | 0°D34 | 29°26 | 25° 2 | 26°40 | F 4 |
| S 5 | 16 54 35 | 15° 7'47 | 24°39 | 25°51 | 29°44 | 19°45 | 4°16 | 6°50 | 22° 2 | 8°38 | 25°19 | 0°35 | 29°22 | 25° 9 | 26°44 | S 5 |
| S 6 | 16 58 31 | 16° 5'48 | 6 ≏ 29 | 25°31 | 0 8 37 | 20°19 | 4°17 | 6°57 | 22° 3 | 8°37 | 25°17 | 0°36 | 29°19 | 25°16 | 26°47 | S 6 |
| M 7 | 17 2 28 | 17° 3'47 | 18°24 | 25° 8 | 1°30 | 20°53 | 4°19 | 7° 5 | 22° 3 | 8°36 | 25°15 | 0°38 | 29°16 | 25°22 | 26°51 | M 7 |
| T 8 | 17 6 24 | 18° 1'44 | 0 M .28 | 24°41 | 2°23 | 21°27 | 4°20 | 7°12 | 22° 3 | 8°35 | 25°14 | 0°R38 | 29°13 | 25°29 | 26°55 | T 8 |
| W 9 | 17 10 21 | 18°59'40 | 12°45 | 24°12 | 3°17 | 22° 0 | 4°21 | 7°20 | 22° 4 | 8°34 | 25°12 | 0°37 | 29°10 | 25°36 | 26°58 | W 9 |
| T 10 | 17 14 17 | 19°57'34 | 25°19 | 23°40 | 4°12 | 22°34 | 4°23 | 7°27 | 22° 5 | 8°33 | 25°11 | 0°35 | 29° 6 | 25°42 | 27° 2 | T 10 |
| F 11 | 17 18 14 | 20°55'27 | 8 ∡ 12 | 23° 7 | 5° 7 | 23° 8 | 4°25 | 7°35 | 22° 5 | 8°32 | 25° 9 | 0°30 | 29° 3 | 25°49 | 27° 5 | F 11 |
| S 12 | 17 22 10 | 21°53'18 | 21°24 | 22°33 | 6° 2 | 23°42 | 4°27 | 7°42 | 22° 6 | 8°31 | 25° 8 | 0°23 | 29° 0 | 25°56 | 27° 9 | S 12 |
| S 13 | 17 26 7 | 22°51'08 | 4 궁 53 | 21°58 | 6°58 | 24°16 | 4°29 | 7°50 | 22° 7 | 8°30 | 25° 7 | 0°15 | 28°57 | 26° 2 | 27°13 | S 13 |
| M14 | 17 30 4 | 23°48'56 | 18°38 | 21°23 | 7°55 | 24°50 | 4°32 | 7°57 | 22° 7 | 8°29 | 25° 5 | 0° 6 | 28°54 | 26° 9 | 27°16 | M14 |
| T 15 | 17 34 0 | 24°46'43 | 2≈35 | 20°50 | 8°52 | 25°25 | 4°34 | 8° 5 | 22° 8 | 8°28 | 25° 4 | 29 Y 58 | 28°51 | 26°16 | 27°19 | T 15 |
| W16 | 17 37 57 | 25°44'30 | 16°40 | 20°17 | 9°49 | 25°59 | 4°37 | 8°13 | 22° 9 | 8°27 | 25° 2 | 29°51 | 28°47 | 26°22 | 27°23 | W16 |
| T 17 | 17 41 53 | 26°42'15 | 0)(49 | 19°47 | 10°47 | 26°33 | 4°40 | 8°20 | 22°10 | 8°26 | 25° 1 | 29°46 | 28°44 | 26°29 | 27°26 | T 17 |
| F 18 | 17 45 50 | 27°39'59 | 15° 0 | 19°18 | 11°45 | 27° 7 | 4°43 | 8°28 | 22°11 | 8°25 | 25° 0 | 29°43 | 28°41 | 26°36 | 27°30 | F 18 |
| S 19 | 17 49 46 | 28°37'42 | 29°10 | 18°53 | 12°44 | 27°42 | 4°46 | 8°36 | 22°12 | 8°24 | 24°58 | 29°D42 | 28°38 | 26°42 | 27°33 | S 19 |
| S 20 | 17 53 43 | 29°35'24 | 13 Y 17 | 18°31 | 13°43 | 28°16 | 4°50 | 8°43 | 22°13 | 8°23 | 24°57 | 29°43 | 28°35 | 26°49 | 27°37 | S 20 |
| M21 | 17 57 40 | 0933'05 | 27°21 | 18°12 | 14°42 | 28°51 | 4°53 | 8°51 | 22°14 | 8°22 | 24°56 | 29°R43 | 28°32 | 26°56 | 27°40 | M21 |
| T 22 | 18 1 36 | 1°30'46 | 11820 | 17°58 | 15°42 | 29°25 | 4°57 | 8°59 | 22°16 | 8°21 | 24°54 | 29°43 | 28°28 | 27° 2 | 27°43 | T 22 |
| W23 | 18 5 33 | 2°28'25 | 25°13 | 17°47 | 16°42 | 29°59 | 5° 1 | 9° 6 | 22°17 | 8°19 | 24°53 | 29°40 | 28°25 | 27° 9 | 27°47 | W23 |
| T 24 | 18 9 29 | 3°26'04 | 8 Ⅱ 58 | 17°40 | 17°43 | 0 m 35 | 5° 5 | 9°14 | 22°18 | 8°18 | 24°52 | 29°35 | 28°22 | 27°16 | 27°50 | T 24 |
| F 25 | 18 13 26 | 4°23'42 | 22°33 | 17°D38 | 18°43 | 1° 9 | 5° 9 | 9°22 | 22°20 | 8°17 | 24°51 | 29°28 | 28°19 | 27°22 | 27°53 | F 25 |
| S 26 | 18 17 22 | 5°21'19 | 5 9 55 | 17°41 | 19°44 | 1°44 | 5°14 | 9°30 | 22°21 | 8°16 | 24°49 | 29°18 | 28°16 | 27°29 | 27°56 | S 26 |
| S 27 | 18 21 19 | 6°18'55 | 19° 1 | 17°47 | 20°46 | 2°19 | 5°18 | 9°37 | 22°23 | 8°14 | 24°48 | 29° 7 | 28°12 | 27°36 | 27°59 | S 27 |
| M28 | 18 25 15 | 7°16'29 | 1 Q 51 | 17°59 | 21°47 | 2°54 | 5°23 | 9°45 | 22°24 | 8°13 | 24°47 | 28°55 | 28° 9 | 27°42 | 28° 3 | M28 |
| T 29 | 18 29 12 | 8°14'03 | 14°25 | 18°15 | 22°49 | 3°29 | 5°28 | 9°53 | 22°26 | 8°12 | 24°46 | 28°45 | 28° 6 | 27°49 | 28° 6 | T 29 |
| W30 | 18 33 9 | 99511'36 | 26 Ω 42 | 18 Ⅲ 35 | 23 8 51 | 4MD 3 | 5 ₾ 33 | 1099 1 | 22 m 27 | 8≈10 | 24 M 45 | 28 Y 36 | 28 ° 3 | 27 Mp 56 | 28 8 9 | W30 |

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| T 1 | 18 37 5 | 109 9'07 | 8 m /47 | 18 Ⅱ 59 | 24 8 53 | 4 m /38 | 5 ≏ 38 | 1095 8 | 22 m 29 | 8°R 9 | 24°R44 | 28°R29 | 28 Y 0 | 28Mm, 2 | 28812 | T 1 |
| F 2 | 18 41 2 | 11° 6'37 | 20°42 | 19°28 | 25°56 | 5°13 | 5°43 | 10°16 | 22°31 | 8 ≈ 7 | 24 M .43 | 28 Y 25 | 27°57 | 28° 9 | 28°15 | F 2 |
| S 3 | 18 44 58 | 12° 4'06 | 2 ₾ 32 | 20° 1 | 26°59 | 5°49 | 5°49 | 10°24 | 22°32 | 8° 6 | 24°42 | 28°23 | 27°53 | 28°16 | 28°18 | S 3 |
| S 4 | 18 48 55 | 13° 1'34 | 14°21 | 20°39 | 28° 2 | 6°24 | 5°54 | 10°32 | 22°34 | 8° 5 | 24°41 | 28°D23 | 27°50 | 28°22 | 28°21 | S 4 |
| M 5 | 18 52 51 | 13°59'01 | 26°16 | 21°20 | 29° 5 | 6°59 | 6° 0 | 10°39 | 22°36 | 8° 3 | 24°40 | 28°R23 | 27°47 | 28°29 | 28°24 | M 5 |
| T 6 | 18 56 48 | 14°56'27 | 8ML22 | 22° 6 | 0 Π 9 | 7°34 | 6° 6 | 10°47 | 22°38 | 8° 2 | 24°39 | 28°23 | 27°44 | 28°36 | 28°27 | T 6 |
| W 7 | 19 0 44 | 15°53'52 | 20°43 | 22°55 | 1°12 | 8° 9 | 6°12 | 10°55 | 22°40 | 8° 0 | 24°38 | 28°21 | 27°41 | 28°42 | 28°30 | W 7 |
| T 8 | 19 441 | 16°51'16 | 3 ₹ 23 | 23°48 | 2°16 | 8°45 | 6°18 | 11° 3 | 22°42 | 7°59 | 24°37 | 28°17 | 27°38 | 28°49 | 28°32 | T 8 |
| F 9 | 19 8 38 | 17°48'39 | 16°27 | 24°45 | 3°20 | 9°20 | 6°25 | 11°10 | 22°44 | 7°57 | 24°36 | 28°10 | 27°34 | 28°56 | 28°35 | F 9 |
| S 10 | 19 12 34 | 18°46'02 | 29°54 | 25°46 | 4°25 | 9°55 | 6°31 | 11°18 | 22°46 | 7°56 | 24°35 | 28° 1 | 27°31 | 29° 2 | 28°38 | S 10 |
| S 11 | 19 16 31 | 19°43'23 | 13 る 44 | 26°50 | 5°29 | 10°31 | 6°38 | 11°26 | 22°48 | 7°54 | 24°35 | 27°51 | 27°28 | 29° 9 | 28°41 | S 11 |
| M12 | 19 20 27 | 20°40'44 | 27°53 | 27°58 | 6°34 | 11° 6 | 6°45 | 11°34 | 22°50 | 7°53 | 24°34 | 27°39 | 27°25 | 29°16 | 28°43 | M12 |
| T 13 | 19 24 24 | 21°38'05 | 12≈17 | 29° 9 | 7°39 | 11°42 | 6°51 | 11°41 | 22°52 | 7°51 | 24°33 | 27°28 | 27°22 | 29°22 | 28°46 | T 13 |
| W14 | 19 28 20 | 22°35'25 | 26°47 | 09୍ଦ24 | 8°44 | 12°17 | 6°58 | 11°49 | 22°55 | 7°50 | 24°33 | 27°19 | 27°18 | 29°29 | 28°48 | W14 |
| T 15 | 19 32 17 | 23°32'45 | 11 米 19 | 1°42 | 9°49 | 12°53 | 7° 6 | 11°57 | 22°57 | 7°48 | 24°32 | 27°12 | 27°15 | 29°36 | 28°51 | T 15 |
| F 16 | 19 36 14 | 24°30'04 | 25°47 | 3° 4 | 10°55 | 13°28 | 7°13 | 12° 4 | 22°59 | 7°47 | 24°31 | 27° 8 | 27°12 | 29°42 | 28°54 | F 16 |
| S 17 | 19 40 10 | 25°27'23 | 10 ° 5 | 4°29 | 12° 0 | 14° 4 | 7°20 | 12°12 | 23° 2 | 7°45 | 24°31 | 27° 6 | 27° 9 | 29°49 | 28°56 | S 17 |
| S 18 | 19 44 7 | 26°24'42 | 24°13 | 5°58 | 13° 6 | 14°40 | 7°28 | 12°19 | 23° 4 | 7°43 | 24°30 | 27° 5 | 27° 6 | 29°56 | 28°58 | S 18 |
| M19 | 19 48 3 | 27°22'01 | 8 8 10 | 7°29 | 14°12 | 15°15 | 7°35 | 12°27 | 23° 6 | 7°42 | 24°29 | 27° 5 | 27° 3 | 0 ♀ 2 | 29° 1 | M19 |
| T 20 | 19 52 0 | 28°19'20 | 21°55 | 9° 4 | 15°18 | 15°51 | 7°43 | 12°35 | 23° 9 | 7°40 | 24°29 | 27° 4 | 26°59 | 0° 9 | 29° 3 | T 20 |
| W21 | 19 55 56 | 29°16'39 | 5 Ⅱ 29 | 10°43 | 16°25 | 16°27 | 7°51 | 12°42 | 23°11 | 7°39 | 24°29 | 27° 1 | 26°56 | 0°16 | 29° 5 | W21 |
| T 22 | 19 59 53 | 0 Ω 13'58 | 18°51 | 12°24 | 17°31 | 17° 3 | 7°59 | 12°50 | 23°14 | 7°37 | 24°28 | 26°55 | 26°53 | 0°22 | 29° 8 | T 22 |
| F 23 | 20 3 49 | 1°11'17 | 299 3 | 14° 8 | 18°38 | 17°39 | 8° 7 | 12°57 | 23°17 | 7°35 | 24°28 | 26°46 | 26°50 | 0°29 | 29°10 | F 23 |
| S 24 | 20 7 46 | 2° 8'36 | 15° 3 | 15°56 | 19°44 | 18°15 | 8°15 | 13° 5 | 23°19 | 7°34 | 24°27 | 26°35 | 26°47 | 0°36 | 29°12 | S 24 |
| S 25 | 20 11 43 | 3° 5'55 | 27°50 | 17°46 | 20°51 | 18°51 | 8°24 | 13°12 | 23°22 | 7°32 | 24°27 | 26°22 | 26°44 | 0°42 | 29°14 | S 25 |
| M26 | 20 15 39 | 4° 3'14 | $10\Omega_{25}$ | 19°40 | 21°58 | 19°27 | 8°32 | 13°20 | 23°25 | 7°31 | 24°27 | 26° 9 | 26°40 | 0°49 | 29°16 | M26 |
| T 27 | 20 19 36 | 5° 0'32 | 22°47 | 21°36 | 23° 5 | 20° 3 | 8°41 | 13°27 | 23°27 | 7°29 | 24°26 | 25°57 | 26°37 | 0°56 | 29°18 | T 27 |
| W28 | 20 23 32 | 5°57'50 | 4 Mp 57 | 23°34 | 24°13 | 20°39 | 8°49 | 13°34 | 23°30 | 7°27 | 24°26 | 25°47 | 26°34 | 1° 2 | 29°20 | W28 |
| T 29 | 20 27 29 | 6°55'08 | 16°56 | 25°35 | 25°20 | 21°15 | 8°58 | 13°42 | 23°33 | 7°26 | 24°26 | 25°39 | 26°31 | 1° 9 | 29°22 | T 29 |
| F 30 | 20 31 25 | 7°52'25 | 28°48 | 27°38 | 26°27 | 21°51 | 9° 7 | 13°49 | 23°36 | 7°24 | 24°26 | 25°33 | 26°28 | 1°15 | 29°24 | F 30 |
| S 31 | 20 35 22 | 8 Ω 49'43 | 10 ≏ 36 | 299542 | 27 Ⅲ 35 | 22 m 28 | 9 ≏ 16 | 139556 | 23 Mp 39 | 7 ≈ 23 | 24M26 | 25 Y 31 | 26 Y 24 | 1 ≏ 22 | 29 8 26 | S 31 |

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| S 1 | 20 39 18 | 9 Ω 47'00 | 22 ≏ 24 | 1 Ω 48 | 28∏43 | 23 Mp 4 | 9 ≙ 25 | 1499 4 | 23 Mp 42 | 7°R21 | 24°R25 | 25°D30 | 26 Y 21 | 1 ≏ 29 | 29828 | S 1 |
| M 2 | 20 43 15 | 10°44'17 | 4 M .18 | 3°56 | 29°51 | 23°40 | 9°34 | 14°11 | 23°45 | 7≈19 | 24M25 | 25 Y 30 | 26°18 | 1°35 | 29°30 | M 2 |
| T 3 | 20 47 12 | 11°41'34 | 16°22 | 6° 4 | 0959 | 24°17 | 9°44 | 14°18 | 23°48 | 7°18 | 24°25 | 25°R30 | 26°15 | 1°42 | 29°31 | T 3 |
| W 4 | 20 51 8 | 12°38'51 | 28°42 | 8°13 | 2° 7 | 24°53 | 9°53 | 14°25 | 23°51 | 7°16 | 24°D25 | 25°29 | 26°12 | 1°49 | 29°33 | W 4 |
| T 5 | 20 55 5 | 13°36'07 | 11 × 724 | 10°23 | 3°15 | 25°29 | 10° 2 | 14°32 | 23°54 | 7°14 | 24°25 | 25°26 | 26° 9 | 1°55 | 29°34 | T 5 |
| F 6 | 20 59 1 | 14°33'24 | 24°30 | 12°32 | 4°23 | 26° 6 | 10°12 | 14°40 | 23°57 | 7°13 | 24°25 | 25°20 | 26° 5 | 2° 2 | 29°36 | F 6 |
| S 7 | 21 2 58 | 15°30'41 | 8중 4 | 14°42 | 5°31 | 26°42 | 10°22 | 14°47 | 24° 0 | 7°11 | 24°25 | 25°13 | 26° 2 | 2° 9 | 29°38 | S 7 |
| S 8 | 21 6 54 | 16°27'57 | 22° 5 | 16°50 | 6°40 | 27°19 | 10°31 | 14°54 | 24° 3 | 7°10 | 24°26 | 25° 4 | 25°59 | 2°15 | 29°39 | S 8 |
| M 9 | 21 10 51 | 17°25'14 | 6≈30 | 18°59 | 7°49 | 27°55 | 10°41 | 15° 1 | 24° 6 | 7° 8 | 24°26 | 24°54 | 25°56 | 2°22 | 29°40 | M 9 |
| T 10 | 21 14 47 | 18°22'31 | 21°13 | 21° 6 | 8°57 | 28°32 | 10°51 | 15° 8 | 24° 9 | 7° 6 | 24°26 | 24°44 | 25°53 | 2°29 | 29°42 | T 10 |
| W11 | 21 18 44 | 19°19'48 | 6 ∀ 7 | 23°12 | 10° 6 | 29° 9 | 11° 1 | 15°14 | 24°13 | 7° 5 | 24°26 | 24°35 | 25°50 | 2°35 | 29°43 | W11 |
| T 12 | 21 22 41 | 20°17'06 | 21° 2 | 25°17 | 11°15 | 29°45 | 11°11 | 15°21 | 24°16 | 7° 3 | 24°26 | 24°29 | 25°46 | 2°42 | 29°44 | T 12 |
| F 13 | 21 26 37 | 21°14'24 | 5 Υ 50 | 27°21 | 12°24 | ე <u>ჲ</u> 22 | 11°22 | 15°28 | 24°19 | 7° 2 | 24°27 | 24°26 | 25°43 | 2°49 | 29°45 | F 13 |
| S 14 | 21 30 34 | 22°11'43 | 20°26 | 29°23 | 13°33 | 0°59 | 11°32 | 15°35 | 24°22 | 7° 0 | 24°27 | 24°D25 | 25°40 | 2°55 | 29°47 | S 14 |
| S 15 | 21 34 30 | 23° 9'02 | 4 8 45 | 1 m) 24 | 14°42 | 1°36 | 11°42 | 15°42 | 24°26 | 6°59 | 24°27 | 24°25 | 25°37 | 3° 2 | 29°48 | S 15 |
| M16 | 21 38 27 | 24° 6'23 | 18°45 | 3°23 | 15°52 | 2°12 | 11°53 | 15°48 | 24°29 | 6°57 | 24°28 | 24°R25 | 25°34 | 3° 9 | 29°49 | M16 |
| T 17 | 21 42 23 | 25° 3'44 | 2 Ⅲ 27 | 5°20 | 17° 1 | 2°49 | 12° 3 | 15°55 | 24°32 | 6°56 | 24°28 | 24°25 | 25°30 | 3°15 | 29°50 | T 17 |
| W18 | 21 46 20 | 26° 1'06 | 15°51 | 7°16 | 18°11 | 3°26 | 12°14 | 16° 2 | 24°36 | 6°54 | 24°29 | 24°24 | 25°27 | 3°22 | 29°51 | W18 |
| T 19 | 21 50 16 | 26°58'29 | 29° 0 | 9°10 | 19°20 | 4° 3 | 12°25 | 16° 8 | 24°39 | 6°53 | 24°29 | 24°20 | 25°24 | 3°29 | 29°51 | T 19 |
| F 20 | 21 54 13 | 27°55'53 | 119554 | 11° 3 | 20°30 | 4°40 | 12°35 | 16°15 | 24°43 | 6°51 | 24°30 | 24°13 | 25°21 | 3°35 | 29°52 | F 20 |
| S 21 | 21 58 10 | 28°53'18 | 24°35 | 12°54 | 21°40 | 5°17 | 12°46 | 16°21 | 24°46 | 6°50 | 24°30 | 24° 5 | 25°18 | 3°42 | 29°53 | S 21 |
| S 22 | 22 2 6 | 29°50'43 | 7 Ω 5 | 14°43 | 22°50 | 5°54 | 12°57 | 16°27 | 24°50 | 6°48 | 24°31 | 23°55 | 25°15 | 3°49 | 29°54 | S 22 |
| M23 | 22 6 3 | 0 m 48'09 | 19°24 | 16°30 | 24° 0 | 6°31 | 13° 8 | 16°34 | 24°53 | 6°47 | 24°32 | 23°46 | 25°11 | 3°55 | 29°54 | M23 |
| T 24 | 22 9 59 | 1°45'36 | 1 m 33 | 18°16 | 25°10 | 7° 9 | 13°19 | 16°40 | 24°57 | 6°45 | 24°32 | 23°36 | 25° 8 | 4° 2 | 29°55 | T 24 |
| W25 | 22 13 56 | 2°43'04 | 13°33 | 20° 0 | 26°20 | 7°46 | 13°30 | 16°46 | 25° 0 | 6°44 | 24°33 | 23°29 | 25° 5 | 4° 9 | 29°55 | W25 |
| T 26 | 22 17 52 | 3°40'32 | 25°26 | 21°42 | 27°30 | 8°23 | 13°41 | 16°52 | 25° 4 | 6°42 | 24°34 | 23°23 | 25° 2 | 4°15 | 29°56 | T 26 |
| F 27 | 22 21 49 | 4°38'01 | 7 ≙ 15 | 23°23 | 28°40 | 9° 0 | 13°53 | 16°58 | 25° 7 | 6°41 | 24°34 | 23°19 | 24°59 | 4°22 | 29°56 | F 27 |
| S 28 | 22 25 45 | 5°35'31 | 19° 1 | 25° 2 | 29°51 | 9°38 | 14° 4 | 17° 4 | 25°11 | 6°40 | 24°35 | 23°D18 | 24°56 | 4°28 | 29°57 | S 28 |
| S 29 | 22 29 42 | 6°33'01 | 0 M .49 | 26°40 | 1 Ω 1 | 10°15 | 14°15 | 17°10 | 25°14 | 6°38 | 24°36 | 23°18 | 24°52 | 4°35 | 29°57 | S 29 |
| M30 | 22 33 39 | 7°30'32 | 12°42 | 28°15 | 2°12 | 10°52 | 14°27 | 17°16 | 25°18 | 6°37 | 24°37 | 23°19 | 24°49 | 4°42 | 29°57 | M30 |
| T 31 | 22 37 35 | 8 m) 28'04 | 24M46 | 29 m 49 | 3 Ω 22 | 11 ≏ 30 | 14 ≏ 38 | 179522 | 25 Mp 22 | 6≈36 | 24MJ38 | 23 Y 20 | 24 Y 46 | 4 ≏ 48 | 29 8 57 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ [™] | 4 | ħ |)∤(| \f | В | 'n | v | Ç | ę, | Day |
|------|----------|------------------|------------------|---------------|----------------|----------------|----------------|--------|----------------|---------------|-----------------|----------------|----------------|---------------|----------------|------|
| W 1 | 22 41 32 | 9 m 25'37 | 7 .₹ 7 5 | 1 ≏ 22 | 4 Ω 33 | 12 ♀ 7 | 14 ♀ 50 | 179528 | 25 m 25 | 6°R34 | 24M39 | 23°R21 | 24 Y 43 | 4 Ω 55 | 29 8 57 | W 1 |
| T 2 | 22 45 28 | 10°23'10 | 19°44 | 2°53 | 5°44 | 12°45 | 15° 1 | 17°34 | 25°29 | 6≈33 | 24°40 | 23 Y 21 | 24°40 | 5° 2 | 29°57 | T 2 |
| F 3 | 22 49 25 | 11°20'44 | 2 ප් 48 | 4°22 | 6°55 | 13°22 | 15°13 | 17°39 | 25°33 | 6°32 | 24°41 | 23°19 | 24°36 | 5° 8 | 29°R58 | F 3 |
| S 4 | 22 53 21 | 12°18'19 | 16°19 | 5°50 | 8° 5 | 14° 0 | 15°25 | 17°45 | 25°36 | 6°30 | 24°42 | 23°15 | 24°33 | 5°15 | 29°57 | S 4 |
| S 5 | 22 57 18 | 13°15'54 | 0≈19 | 7°16 | 9°16 | 14°38 | 15°37 | 17°50 | 25°40 | 6°29 | 24°43 | 23°10 | 24°30 | 5°22 | 29°57 | S 5 |
| M 6 | 23 1 14 | 14°13'31 | 14°46 | 8°40 | 10°28 | 15°15 | 15°49 | 17°56 | 25°44 | 6°28 | 24°44 | 23° 4 | 24°27 | 5°28 | 29°57 | M 6 |
| T 7 | 23 5 11 | 15°11'08 | 29°36 | 10° 2 | 11°39 | 15°53 | 16° 0 | 18° 1 | 25°47 | 6°27 | 24°45 | 22°59 | 24°24 | 5°35 | 29°57 | T 7 |
| W 8 | 23 9 8 | 16° 8'46 | 14) (40 | 11°23 | 12°50 | 16°31 | 16°12 | 18° 6 | 25°51 | 6°26 | 24°46 | 22°54 | 24°21 | 5°42 | 29°57 | W 8 |
| T 9 | 23 13 4 | 17° 6'26 | 29°51 | 12°42 | 14° 1 | 17° 9 | 16°24 | 18°12 | 25°55 | 6°25 | 24°47 | 22°51 | 24°17 | 5°48 | 29°56 | T 9 |
| F 10 | 23 17 1 | 18° 4'06 | 14 Y 57 | 13°59 | 15°13 | 17°46 | 16°36 | 18°17 | 25°58 | 6°23 | 24°49 | 22°49 | 24°14 | 5°55 | 29°56 | F 10 |
| S 11 | 23 20 57 | 19° 1'48 | 29°51 | 15°14 | 16°24 | 18°24 | 16°48 | 18°22 | 26° 2 | 6°22 | 24°50 | 22°D49 | 24°11 | 6° 2 | 29°56 | S 11 |
| S 12 | 23 24 54 | 19°59'32 | 14826 | 16°27 | 17°36 | 19° 2 | 17° 1 | 18°27 | 26° 6 | 6°21 | 24°51 | 22°50 | 24° 8 | 6° 8 | 29°55 | S 12 |
| M13 | 23 28 50 | 20°57'17 | 28°38 | 17°38 | 18°47 | 19°40 | 17°13 | 18°32 | 26°10 | 6°20 | 24°52 | 22°51 | 24° 5 | 6°15 | 29°55 | M13 |
| T 14 | 23 32 47 | 21°55'03 | 12Ⅲ26 | 18°47 | 19°59 | 20°18 | 17°25 | 18°37 | 26°13 | 6°19 | 24°54 | 22°53 | 24° 2 | 6°22 | 29°54 | T 14 |
| W15 | 23 36 43 | 22°52'52 | 25°51 | 19°54 | 21°11 | 20°56 | 17°37 | 18°42 | 26°17 | 6°18 | 24°55 | 22°R53 | 23°58 | 6°28 | 29°53 | W15 |
| T 16 | 23 40 40 | 23°50'42 | 8955 | 20°59 | 22°22 | 21°34 | 17°49 | 18°46 | 26°21 | 6°17 | 24°57 | 22°52 | 23°55 | 6°35 | 29°53 | T 16 |
| F 17 | 23 44 37 | 24°48'33 | 21°40 | 22° 1 | 23°34 | 22°12 | 18° 2 | 18°51 | 26°25 | 6°16 | 24°58 | 22°50 | 23°52 | 6°42 | 29°52 | F 17 |
| S 18 | 23 48 33 | 25°46'26 | 4 Ω 10 | 23° 1 | 24°46 | 22°50 | 18°14 | 18°55 | 26°28 | 6°15 | 24°59 | 22°46 | 23°49 | 6°48 | 29°51 | S 18 |
| S 19 | 23 52 30 | 26°44'21 | 16°27 | 23°58 | 25°58 | 23°29 | 18°27 | 19° 0 | 26°32 | 6°15 | 25° 1 | 22°42 | 23°46 | 6°55 | 29°50 | S 19 |
| M20 | 23 56 26 | 27°42'17 | 28°33 | 24°52 | 27°10 | 24° 7 | 18°39 | 19° 4 | 26°36 | 6°14 | 25° 2 | 22°38 | 23°42 | 7° 1 | 29°49 | M20 |
| T 21 | 0 0 23 | 28°40'15 | 10 m y31 | 25°43 | 28°23 | 24°45 | 18°51 | 19° 9 | 26°40 | 6°13 | 25° 4 | 22°34 | 23°39 | 7° 8 | 29°48 | T 21 |
| W22 | 0 4 19 | 29°38'14 | 22°24 | 26°31 | 29°35 | 25°24 | 19° 4 | 19°13 | 26°43 | 6°12 | 25° 6 | 22°31 | 23°36 | 7°15 | 29°47 | W22 |
| T 23 | 0 8 16 | 0 ჲ 36'15 | 4 ≏ 13 | 27°16 | 0 m)47 | 26° 2 | 19°16 | 19°17 | 26°47 | 6°11 | 25° 7 | 22°28 | 23°33 | 7°21 | 29°46 | T 23 |
| F 24 | 0 12 12 | 1°34'17 | 16° 0 | 27°57 | 1°59 | 26°40 | 19°29 | 19°21 | 26°51 | 6°10 | 25° 9 | 22°27 | 23°30 | 7°28 | 29°45 | F 24 |
| S 25 | 0 16 9 | 2°32'21 | 27°47 | 28°35 | 3°12 | 27°19 | 19°42 | 19°25 | 26°55 | 6°10 | 25°10 | 22°D27 | 23°27 | 7°35 | 29°44 | S 25 |
| S 26 | 0 20 5 | 3°30'26 | 9 M .38 | 29° 8 | 4°24 | 27°57 | 19°54 | 19°29 | 26°58 | 6° 9 | 25°12 | 22°28 | 23°23 | 7°41 | 29°42 | S 26 |
| M27 | 0 24 2 | 4°28'33 | 21°35 | 29°37 | 5°37 | 28°36 | 20° 7 | 19°32 | 27° 2 | 6° 8 | 25°14 | 22°29 | 23°20 | 7°48 | 29°41 | M27 |
| T 28 | 0 27 59 | 5°26'41 | 3 ∡ 742 | OM 1 | 6°49 | 29°14 | 20°20 | 19°36 | 27° 6 | 6° 8 | 25°15 | 22°31 | 23°17 | 7°55 | 29°40 | T 28 |
| W29 | 0 31 55 | 6°24'51 | 16° 3 | 0°20 | 8° 2 | 29°53 | 20°32 | 19°40 | 27°10 | 6° 7 | 25°17 | 22°32 | 23°14 | 8° 1 | 29°38 | W29 |
| T 30 | 0 35 52 | 7 ₾ 23'02 | 28 × 741 | 0 M 35 | 9 m 15 | 0 M .32 | 20 ≏ 45 | 199543 | 27 Mp 13 | 6≈ 6 | 25 M .19 | 22 Y 33 | 23 Y 11 | 8 ट 8 | 29 8 37 | T 30 |

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| F 1 | 0 39 48 | 8 ≏ 21'14 | 11 る 41 | 0 M .43 | 10 m 28 | 1 M .10 | 20 ≏ 58 | 199547 | 27 m 17 | 6°R 6 | 25 M 21 | 22°R33 | 23 ° 7 | 8 ≏ 15 | 29°R35 | F 1 |
| S 2 | 0 43 45 | 9°19'28 | 25° 5 | 0°R46 | 11°40 | 1°49 | 21°11 | 19°50 | 27°21 | 6≈ 5 | 25°23 | 22 Y 33 | 23° 4 | 8°21 | 29 8 34 | S 2 |
| S 3 | 0 47 41 | 10°17'43 | 8≈56 | 0°43 | 12°53 | 2°28 | 21°23 | 19°53 | 27°24 | 6° 5 | 25°24 | 22°32 | 23° 1 | 8°28 | 29°32 | S 3 |
| M 4 | 0 51 38 | 11°15'59 | 23°13 | 0°33 | 14° 6 | 3° 7 | 21°36 | 19°56 | 27°28 | 6° 4 | 25°26 | 22°30 | 22°58 | 8°35 | 29°31 | M 4 |
| T 5 | 0 55 34 | 12°14'17 | 7 ∺ 55 | 0°17 | 15°19 | 3°46 | 21°49 | 19°59 | 27°32 | 6° 4 | 25°28 | 22°29 | 22°55 | 8°41 | 29°29 | T 5 |
| W 6 | 0 59 31 | 13°12'36 | 22°55 | 29 ≙ 54 | 16°32 | 4°25 | 22° 2 | 20° 2 | 27°35 | 6° 4 | 25°30 | 22°28 | 22°52 | 8°48 | 29°27 | W 6 |
| T 7 | 1 3 28 | 14°10'57 | 8 Υ 6 | 29°24 | 17°45 | 5° 4 | 22°15 | 20° 5 | 27°39 | 6° 3 | 25°32 | 22°27 | 22°48 | 8°55 | 29°25 | T 7 |
| F 8 | 1 7 24 | 15° 9'19 | 23°18 | 28°48 | 18°59 | 5°43 | 22°27 | 20° 8 | 27°43 | 6° 3 | 25°34 | 22°D27 | 22°45 | 9° 1 | 29°24 | F 8 |
| S 9 | 1 11 21 | 16° 7'44 | 8 8 23 | 28° 5 | 20°12 | 6°22 | 22°40 | 20°10 | 27°46 | 6° 3 | 25°36 | 22°27 | 22°42 | 9° 8 | 29°22 | S 9 |
| S 10 | 1 15 17 | 17° 6'10 | 23°11 | 27°17 | 21°25 | 7° 1 | 22°53 | 20°13 | 27°50 | 6° 2 | 25°38 | 22°28 | 22°39 | 9°14 | 29°20 | S 10 |
| M11 | 1 19 14 | 18° 4'39 | 7 Ⅱ 36 | 26°23 | 22°38 | 7°40 | 23° 6 | 20°15 | 27°54 | 6° 2 | 25°40 | 22°28 | 22°36 | 9°21 | 29°18 | M11 |
| T 12 | 1 23 10 | 19° 3'09 | 21°35 | 25°25 | 23°52 | 8°19 | 23°19 | 20°17 | 27°57 | 6° 2 | 25°42 | 22°29 | 22°33 | 9°28 | 29°16 | T 12 |
| W13 | 1 27 7 | 20° 1'42 | 5 95 8 | 24°23 | 25° 5 | 8°58 | 23°32 | 20°20 | 28° 1 | 6° 2 | 25°44 | 22°29 | 22°29 | 9°34 | 29°14 | W13 |
| T 14 | 1 31 3 | 21° 0'17 | 18°15 | 23°19 | 26°19 | 9°38 | 23°45 | 20°22 | 28° 4 | 6° 2 | 25°46 | 22°R29 | 22°26 | 9°41 | 29°12 | T 14 |
| F 15 | 1 35 0 | 21°58'54 | 0Ω 59 | 22°14 | 27°32 | 10°17 | 23°58 | 20°24 | 28° 8 | 6° 2 | 25°48 | 22°D29 | 22°23 | 9°48 | 29° 9 | F 15 |
| S 16 | 1 38 57 | 22°57'32 | 13°24 | 21°10 | 28°46 | 10°56 | 24°11 | 20°26 | 28°11 | 6° 1 | 25°50 | 22°29 | 22°20 | 9°54 | 29° 7 | S 16 |
| S 17 | 1 42 53 | 23°56'13 | 25°35 | 20° 9 | 29°59 | 11°36 | 24°24 | 20°27 | 28°15 | 6° 1 | 25°52 | 22°29 | 22°17 | 10° 1 | 29° 5 | S 17 |
| M18 | 1 46 50 | 24°54'57 | 7 m /34 | 19°12 | 1 ≏ 13 | 12°15 | 24°37 | 20°29 | 28°18 | 6°D 1 | 25°54 | 22°29 | 22°13 | 10° 8 | 29° 3 | M18 |
| T 19 | 1 50 46 | 25°53'42 | 19°26 | 18°20 | 2°27 | 12°55 | 24°50 | 20°31 | 28°22 | 6° 1 | 25°57 | 22°30 | 22°10 | 10°14 | 29° 1 | T 19 |
| W20 | 1 54 43 | 26°52'29 | 1 ≏ 14 | 17°35 | 3°41 | 13°34 | 25° 2 | 20°32 | 28°25 | 6° 1 | 25°59 | 22°30 | 22° 7 | 10°21 | 28°58 | W20 |
| T 21 | 1 58 39 | 27°51'18 | 13° 1 | 16°59 | 4°55 | 14°14 | 25°15 | 20°34 | 28°29 | 6° 2 | 26° 1 | 22°30 | 22° 4 | 10°28 | 28°56 | T 21 |
| F 22 | 2 2 36 | 28°50'09 | 24°50 | 16°31 | 6° 8 | 14°54 | 25°28 | 20°35 | 28°32 | 6° 2 | 26° 3 | 22°R30 | 22° 1 | 10°34 | 28°53 | F 22 |
| S 23 | 2 6 32 | 29°49'02 | 6 M .43 | 16°14 | 7°22 | 15°33 | 25°41 | 20°36 | 28°35 | 6° 2 | 26° 5 | 22°30 | 21°58 | 10°41 | 28°51 | S 23 |
| S 24 | 2 10 29 | 0 M 47'57 | 18°41 | 16°D 6 | 8°36 | 16°13 | 25°54 | 20°37 | 28°39 | 6° 2 | 26° 8 | 22°29 | 21°54 | 10°48 | 28°49 | S 24 |
| M25 | 2 14 26 | 1°46'54 | 0 , 748 | 16° 9 | 9°50 | 16°53 | 26° 7 | 20°38 | 28°42 | 6° 2 | 26°10 | 22°28 | 21°51 | 10°54 | 28°46 | M25 |
| T 26 | 2 18 22 | 2°45'53 | 13° 5 | 16°22 | 11° 4 | 17°33 | 26°20 | 20°39 | 28°45 | 6° 2 | 26°12 | 22°27 | 21°48 | 11° 1 | 28°44 | T 26 |
| W27 | 2 22 19 | 3°44'53 | 25°35 | 16°46 | 12°19 | 18°13 | 26°33 | 20°39 | 28°48 | 6° 3 | 26°14 | 22°25 | 21°45 | 11° 7 | 28°41 | W27 |
| T 28 | 2 26 15 | 4°43'56 | 8 궁 18 | 17°18 | 13°33 | 18°53 | 26°46 | 20°40 | 28°52 | 6° 3 | 26°17 | 22°24 | 21°42 | 11°14 | 28°38 | T 28 |
| F 29 | 2 30 12 | 5°43'00 | 21°19 | 18° 0 | 14°47 | 19°32 | 26°59 | 20°41 | 28°55 | 6° 3 | 26°19 | 22°23 | 21°39 | 11°21 | 28°36 | F 29 |
| S 30 | 2 34 8 | 6°42'05 | 4≈40 | 18°51 | 16° 1 | 20°13 | 27°11 | 20°41 | 28°58 | 6° 4 | 26°21 | 22°D23 | 21°35 | 11°27 | 28°33 | S 30 |
| S 31 | 2 38 5 | 7 ML 41'13 | 18 ≈ 21 | 19 ≏ 49 | 17 ₽ 15 | 20 M 53 | 27 ≏ 24 | 209641 | 29 M 1 | 6≈ 4 | 26M24 | 22 Y 23 | 21 Y 32 | 11 ≏ 34 | 28 8 30 | S 31 |

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| M 1 | 2 42 1 | 8M40'22 | 2) 24 | 20 ≏ 54 | 18 ≏ 30 | 21 M 33 | 27 ≙ 37 | 209541 | 29 m) 4 | 6≈ 5 | 26M26 | 22 Y 24 | 21 Y 29 | 11 ≏ 41 | 28°R28 | M 1 |
| T 2 | 2 45 58 | 9°39'32 | 16°48 | 22° 5 | 19°44 | 22°13 | 27°50 | 20°R41 | 29° 7 | 6° 5 | 26°28 | 22°25 | 21°26 | 11°47 | 28 8 25 | T 2 |
| W 3 | 2 49 55 | 10°38'44 | 1 Y 30 | 23°22 | 20°58 | 22°53 | 28° 3 | 20°41 | 29°10 | 6° 6 | 26°31 | 22°26 | 21°23 | 11°54 | 28°22 | W 3 |
| T 4 | 2 53 51 | 11°37'58 | 16°26 | 24°44 | 22°13 | 23°33 | 28°16 | 20°41 | 29°13 | 6° 6 | 26°33 | 22°R27 | 21°19 | 12° 1 | 28°20 | T 4 |
| F 5 | 2 57 48 | 12°37'14 | 1828 | 26°10 | 23°27 | 24°14 | 28°28 | 20°41 | 29°16 | 6° 7 | 26°35 | 22°27 | 21°16 | 12° 7 | 28°17 | F 5 |
| S 6 | 3 1 44 | 13°36'32 | 16°28 | 27°39 | 24°41 | 24°54 | 28°41 | 20°40 | 29°19 | 6° 7 | 26°38 | 22°25 | 21°13 | 12°14 | 28°14 | S 6 |
| S 7 | 3 5 41 | 14°35'51 | 1 I I17 | 29°11 | 25°56 | 25°34 | 28°54 | 20°40 | 29°22 | 6° 8 | 26°40 | 22°23 | 21°10 | 12°21 | 28°11 | S 7 |
| M 8 | 3 9 37 | 15°35'13 | 15°48 | 0 M .45 | 27°10 | 26°15 | 29° 6 | 20°39 | 29°25 | 6° 9 | 26°42 | 22°20 | 21° 7 | 12°27 | 28° 8 | M 8 |
| T 9 | 3 13 34 | 16°34'37 | 29°55 | 2°22 | 28°25 | 26°55 | 29°19 | 20°39 | 29°28 | 6°10 | 26°45 | 22°17 | 21° 4 | 12°34 | 28° 6 | T 9 |
| W10 | 3 17 30 | 17°34'03 | 13936 | 4° 0 | 29°39 | 27°36 | 29°32 | 20°38 | 29°31 | 6°10 | 26°47 | 22°13 | 21° 0 | 12°41 | 28° 3 | W10 |
| T 11 | 3 21 27 | 18°33'32 | 26°49 | 5°39 | 0 ™ 54 | 28°16 | 29°44 | 20°37 | 29°34 | 6°11 | 26°50 | 22°11 | 20°57 | 12°47 | 28° 0 | T 11 |
| F 12 | 3 25 24 | 19°33'02 | 9 Ω 38 | 7°19 | 2° 9 | 28°57 | 29°57 | 20°36 | 29°36 | 6°12 | 26°52 | 22° 9 | 20°54 | 12°54 | 27°57 | F 12 |
| S 13 | 3 29 20 | 20°32'35 | 22° 4 | 9° 0 | 3°23 | 29°38 | OM 9 | 20°35 | 29°39 | 6°13 | 26°54 | 22°D 8 | 20°51 | 13° 0 | 27°54 | S 13 |
| S 14 | 3 33 17 | 21°32'10 | 4 m 13 | 10°41 | 4°38 | 0 ∡ 19 | 0°22 | 20°33 | 29°42 | 6°14 | 26°57 | 22° 9 | 20°48 | 13° 7 | 27°51 | S 14 |
| M15 | 3 37 13 | 22°31'46 | 16°10 | 12°22 | 5°53 | 0°59 | 0°34 | 20°32 | 29°44 | 6°14 | 26°59 | 22°11 | 20°45 | 13°14 | 27°48 | M15 |
| T 16 | 3 41 10 | 23°31'26 | 28° 0 | 14° 4 | 7° 8 | 1°40 | 0°47 | 20°31 | 29°47 | 6°15 | 27° 2 | 22°13 | 20°41 | 13°20 | 27°45 | T 16 |
| W17 | 3 45 6 | 24°31'07 | 9 ≙ 47 | 15°45 | 8°22 | 2°21 | 0°59 | 20°29 | 29°50 | 6°16 | 27° 4 | 22°14 | 20°38 | 13°27 | 27°42 | W17 |
| T 18 | 3 49 3 | 25°30'50 | 21°35 | 17°27 | 9°37 | 3° 2 | 1°11 | 20°27 | 29°52 | 6°17 | 27° 7 | 22°R15 | 20°35 | 13°34 | 27°39 | T 18 |
| F 19 | 3 52 59 | 26°30'36 | 3 M 28 | 19° 8 | 10°52 | 3°43 | 1°24 | 20°25 | 29°55 | 6°18 | 27° 9 | 22°14 | 20°32 | 13°40 | 27°37 | F 19 |
| S 20 | 3 56 56 | 27°30'23 | 15°28 | 20°49 | 12° 7 | 4°24 | 1°36 | 20°24 | 29°57 | 6°19 | 27°11 | 22°12 | 20°29 | 13°47 | 27°34 | S 20 |
| S 21 | 4 0 53 | 28°30'12 | 27°39 | 22°29 | 13°22 | 5° 5 | 1°48 | 20°22 | 29°59 | 6°21 | 27°14 | 22° 8 | 20°25 | 13°54 | 27°31 | S 21 |
| M22 | 4 4 4 9 | 29°30'04 | 10🖍 1 | 24°10 | 14°37 | 5°46 | 2° 1 | 20°19 | 0 ♀ 2 | 6°22 | 27°16 | 22° 2 | 20°22 | 14° 0 | 27°28 | M22 |
| T 23 | 4 8 46 | 0 ₮ 29'57 | 22°35 | 25°50 | 15°52 | 6°27 | 2°13 | 20°17 | 0° 4 | 6°23 | 27°19 | 21°55 | 20°19 | 14° 7 | 27°25 | T 23 |
| W24 | 4 12 42 | 1°29'52 | 5 る 21 | 27°29 | 17° 7 | 7° 9 | 2°25 | 20°15 | 0° 6 | 6°24 | 27°21 | 21°48 | 20°16 | 14°14 | 27°22 | W24 |
| T 25 | 4 16 39 | 2°29'48 | 18°21 | 29° 8 | 18°21 | 7°50 | 2°37 | 20°13 | 0° 9 | 6°25 | 27°24 | 21°41 | 20°13 | 14°20 | 27°19 | T 25 |
| F 26 | 4 20 35 | 3°29'47 | 1≈33 | 0 ,₹ 47 | 19°36 | 8°31 | 2°49 | 20°10 | 0°11 | 6°27 | 27°26 | 21°36 | 20°10 | 14°27 | 27°16 | F 26 |
| S 27 | 4 24 32 | 4°29'46 | 14°59 | 2°25 | 20°51 | 9°13 | 3° 1 | 20° 7 | 0°13 | 6°28 | 27°28 | 21°32 | 20° 6 | 14°33 | 27°13 | S 27 |
| S 28 | 4 28 28 | 5°29'48 | 28°38 | 4° 3 | 22° 6 | 9°54 | 3°13 | 20° 5 | 0°15 | 6°29 | 27°31 | 21°30 | 20° 3 | 14°40 | 27°10 | S 28 |
| M29 | 4 32 25 | 6°29'50 | 12) 32 | 5°40 | 23°22 | 10°36 | 3°24 | 20° 2 | 0°17 | 6°30 | 27°33 | 21°D30 | 20° 0 | 14°47 | 27° 7 | M29 |
| T 30 | 4 36 22 | 7 .₹ 29'54 | 26 米 39 | 7 , ₹18 | 24M37 | 11 √ 17 | 3 M .36 | 199559 | 0 쇼 19 | 6≈32 | 27 M 36 | 21 Y 31 | 19 Y 57 | 14 ♀ 53 | 278 4 | T 30 |

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| Day | Sid.t | \odot |) | φ | · | ď | 4 | ħ |)Й(| ¥ | 2 | ß | Ω | Ç | δ | Day |
|------|---------|-------------------|-----------------|----------------|----------------|-----------------|----------------|--------|---------------|--------------|----------------|----------------|----------------|----------------|----------------|------|
| W 1 | 4 40 18 | 8 % 30'00 | 11 Y 0 | 8 √ 154 | 25M52 | 11 .7 59 | 3 M .48 | 19°R56 | 0 ჲ 21 | 6≈33 | 27 M 38 | 21 Y 32 | 19 Y 54 | 15 ♀ 0 | 27°R 2 | W 1 |
| T 2 | 4 44 15 | 9°30'07 | 25°32 | 10°30 | 27° 7 | 12°40 | 4° 0 | 19953 | 0°23 | 6°35 | 27°40 | 21°R33 | 19°51 | 15° 7 | 26 8 59 | T 2 |
| F 3 | 4 48 11 | 10°30'15 | 10810 | 12° 6 | 28°22 | 13°22 | 4°11 | 19°50 | 0°25 | 6°36 | 27°43 | 21°31 | 19°47 | 15°13 | 26°56 | F 3 |
| S 4 | 4 52 8 | 11°30'25 | 24°50 | 13°42 | 29°37 | 14° 4 | 4°23 | 19°47 | 0°26 | 6°37 | 27°45 | 21°27 | 19°44 | 15°20 | 26°53 | S 4 |
| S 5 | 4 56 4 | 12°30'37 | 9Ⅱ25 | 15°17 | 0 ∡ 752 | 14°46 | 4°34 | 19°43 | 0°28 | 6°39 | 27°47 | 21°21 | 19°41 | 15°27 | 26°50 | S 5 |
| M 6 | 5 0 1 | 13°30'50 | 23°47 | 16°52 | 2° 7 | 15°27 | 4°46 | 19°40 | 0°30 | 6°40 | 27°50 | 21°13 | 19°38 | 15°33 | 26°48 | M 6 |
| T 7 | 5 3 58 | 14°31'05 | 7 9 51 | 18°27 | 3°22 | 16° 9 | 4°57 | 19°36 | 0°31 | 6°42 | 27°52 | 21° 4 | 19°35 | 15°40 | 26°45 | T 7 |
| W 8 | 5 7 54 | 15°31'22 | 21°32 | 20° 1 | 4°38 | 16°51 | 5° 8 | 19°33 | 0°33 | 6°44 | 27°55 | 20°55 | 19°31 | 15°47 | 26°42 | W 8 |
| T 9 | 5 11 51 | 16°31'41 | $4\Omega 48$ | 21°35 | 5°53 | 17°33 | 5°19 | 19°29 | 0°35 | 6°45 | 27°57 | 20°47 | 19°28 | 15°53 | 26°39 | T 9 |
| F 10 | 5 15 47 | 17°32'01 | 17°39 | 23° 9 | 7° 8 | 18°15 | 5°31 | 19°25 | 0°36 | 6°47 | 27°59 | 20°41 | 19°25 | 16° 0 | 26°37 | F 10 |
| S 11 | 5 19 44 | 18°32'23 | 0 m) 9 | 24°42 | 8°23 | 18°57 | 5°42 | 19°22 | 0°37 | 6°48 | 28° 2 | 20°36 | 19°22 | 16° 7 | 26°34 | S 11 |
| S 12 | 5 23 40 | 19°32'47 | 12°20 | 26°15 | 9°38 | 19°39 | 5°53 | 19°18 | 0°39 | 6°50 | 28° 4 | 20°34 | 19°19 | 16°13 | 26°31 | S 12 |
| M13 | 5 27 37 | 20°33'13 | 24°17 | 27°49 | 10°54 | 20°22 | 6° 4 | 19°14 | 0°40 | 6°52 | 28° 6 | 20°D34 | 19°16 | 16°20 | 26°29 | M13 |
| T 14 | 5 31 33 | 21°33'40 | 6 ♀ 7 | 29°21 | 12° 9 | 21° 4 | 6°14 | 19°10 | 0°41 | 6°53 | 28° 8 | 20°35 | 19°12 | 16°26 | 26°26 | T 14 |
| W15 | 5 35 30 | 22°34'09 | 17°54 | 0 궁 54 | 13°24 | 21°46 | 6°25 | 19° 6 | 0°43 | 6°55 | 28°11 | 20°R36 | 19° 9 | 16°33 | 26°23 | W15 |
| T 16 | 5 39 27 | 23°34'40 | 29°44 | 2°27 | 14°40 | 22°28 | 6°36 | 19° 2 | 0°44 | 6°57 | 28°13 | 20°35 | 19° 6 | 16°40 | 26°21 | T 16 |
| F 17 | 5 43 23 | 24°35'12 | 11 M .41 | 3°59 | 15°55 | 23°11 | 6°46 | 18°57 | 0°45 | 6°59 | 28°15 | 20°33 | 19° 3 | 16°46 | 26°18 | F 17 |
| S 18 | 5 47 20 | 25°35'47 | 23°49 | 5°31 | 17°10 | 23°53 | 6°57 | 18°53 | 0°46 | 7° 1 | 28°17 | 20°28 | 19° 0 | 16°53 | 26°16 | S 18 |
| S 19 | 5 51 16 | 26°36'22 | 6 ₹ 11 | 7° 3 | 18°26 | 24°36 | 7° 7 | 18°49 | 0°47 | 7° 2 | 28°20 | 20°20 | 18°57 | 17° 0 | 26°13 | S 19 |
| M20 | 5 55 13 | 27°36'59 | 18°50 | 8°35 | 19°41 | 25°18 | 7°18 | 18°44 | 0°48 | 7° 4 | 28°22 | 20°10 | 18°53 | 17° 6 | 26°11 | M20 |
| T 21 | 5 59 9 | 28°37'38 | 1 3 44 | 10° 7 | 20°56 | 26° 1 | 7°28 | 18°40 | 0°49 | 7° 6 | 28°24 | 19°58 | 18°50 | 17°13 | 26° 9 | T 21 |
| W22 | 6 3 6 | 2 <u>9</u> °38'18 | 14°53 | 11°38 | 22°12 | 26°44 | 7°38 | 18°35 | 0°50 | 7° 8 | 28°26 | 19°46 | 18°47 | 17°20 | 26° 6 | W22 |
| T 23 | 6 7 2 | 0 ට 38'59 | 28°16 | 13°10 | 23°27 | 27°26 | 7°48 | 18°31 | 0°51 | 7°10 | 28°28 | 19°34 | 18°44 | 17°26 | 26° 4 | T 23 |
| F 24 | 6 10 59 | 1°39'41 | 11≈50 | 14°41 | 24°42 | 28° 9 | 7°58 | 18°26 | 0°51 | 7°12 | 28°30 | 19°24 | 18°41 | 17°33 | 26° 2 | F 24 |
| S 25 | 6 14 56 | 2°40'24 | 25°34 | 16°11 | 25°58 | 28°52 | 8° 8 | 18°22 | 0°52 | 7°14 | 28°32 | 19°16 | 18°37 | 17°40 | 26° 0 | S 25 |
| S 26 | 6 18 52 | 3°41'08 | 9) €24 | 17°42 | 27°13 | 2 <u>9</u> °35 | 8°18 | 18°17 | 0°53 | 7°16 | 28°35 | 19°11 | 18°34 | 17°46 | 25°57 | S 26 |
| M27 | 6 22 49 | 4°41'53 | 23°21 | 19°12 | 28°29 | 0 궁 17 | 8°27 | 18°12 | 0°53 | 7°18 | 28°37 | 19° 9 | 18°31 | 17°53 | 25°55 | M27 |
| T 28 | 6 26 45 | 5°42'38 | 7 Υ 22 | 20°42 | 2 <u>9</u> °44 | 1° 0 | 8°37 | 18° 8 | 0°54 | 7°20 | 28°39 | 19°D 9 | 18°28 | 17°59 | 25°53 | T 28 |
| W29 | 6 30 42 | 6°43'25 | 21°29 | 22°12 | 0 궁 59 | 1°43 | 8°46 | 18° 3 | 0°54 | 7°22 | 28°41 | 19°R 9 | 18°25 | 18° 6 | 25°51 | W29 |
| T 30 | 6 34 38 | 7°44'12 | 5839 | 23°41 | 2°15 | 2°26 | 8°56 | 17°58 | 0°54 | 7°24 | 28°43 | 19° 8 | 18°22 | 18°13 | 25°49 | T 30 |
| F 31 | 6 38 35 | 8 ප් 45'00 | 19 8 52 | 25 る 9 | 3 る 30 | 3 る 9 | 9 ™ 5 | 17953 | ე ჲ 55 | 7≈26 | 28 M 45 | 19 Y 5 | 18 Y 18 | 18 ≏ 19 | 25 8 47 | F 31 |

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|------|---------|-------------------|----------------|----------------|---------------|----------------|----------------|--------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 6 42 31 | 9 ප් 45'49 | 4 I I 4 | 26 ප 37 | 4 궁 46 | 3 ප 53 | 9 M .14 | 17°R48 | 0 ჲ 55 | 7≈28 | 28 M 47 | 18°R59 | 18 Y 15 | 18 ≏ 26 | 25°R45 | S 1 |
| S 2 | 6 46 28 | 10°46'39 | 18°13 | 28° 4 | 6° 1 | 4°36 | 9°23 | 179543 | 0°55 | 7°30 | 28°49 | 18 Y 51 | 18°12 | 18°33 | 25 8 43 | S 2 |
| M 3 | 6 50 25 | 11°47'29 | 29513 | 29°30 | 7°16 | 5°19 | 9°32 | 17°39 | 0°55 | 7°32 | 28°51 | 18°39 | 18° 9 | 18°39 | 25°42 | M 3 |
| T 4 | 6 54 21 | 12°48'20 | 16° 0 | 0≈55 | 8°32 | 6° 2 | 9°41 | 17°34 | 0°56 | 7°34 | 28°52 | 18°27 | 18° 6 | 18°46 | 25°40 | T 4 |
| W 5 | 6 58 18 | 13°49'13 | 29°29 | 2°18 | 9°47 | 6°46 | 9°50 | 17°29 | 0°56 | 7°36 | 28°54 | 18°13 | 18° 3 | 18°53 | 25°38 | W 5 |
| T 6 | 7 2 14 | 14°50'06 | 12 Ω 38 | 3°40 | 11° 3 | 7°29 | 9°58 | 17°24 | 0°R56 | 7°38 | 28°56 | 18° 1 | 17°59 | 18°59 | 25°36 | T 6 |
| F 7 | 7 6 11 | 15°51'00 | 25°27 | 5° 1 | 12°18 | 8°12 | 10° 7 | 17°19 | 0°56 | 7°40 | 28°58 | 17°51 | 17°56 | 19° 6 | 25°35 | F 7 |
| S 8 | 7 10 7 | 16°51'55 | 7 m 55 | 6°19 | 13°34 | 8°56 | 10°15 | 17°14 | 0°56 | 7°42 | 29° 0 | 17°44 | 17°53 | 19°13 | 25°33 | S 8 |
| S 9 | 7 14 4 | 17°52'50 | 20° 7 | 7°35 | 14°49 | 9°39 | 10°23 | 17° 9 | 0°55 | 7°45 | 29° 2 | 17°39 | 17°50 | 19°19 | 25°32 | S 9 |
| M10 | 7 18 1 | 18°53'47 | 2 º 5 | 8°48 | 16° 5 | 10°23 | 10°31 | 17° 4 | 0°55 | 7°47 | 29° 3 | 17°37 | 17°47 | 19°26 | 25°30 | M10 |
| T 11 | 7 21 57 | 19°54'45 | 13°55 | 9°57 | 17°20 | 11° 6 | 10°39 | 16°59 | 0°55 | 7°49 | 29° 5 | 17°37 | 17°43 | 19°33 | 25°29 | T 11 |
| W12 | 7 25 54 | 20°55'44 | 25°42 | 11° 3 | 18°35 | 11°50 | 10°47 | 16°54 | 0°54 | 7°51 | 29° 7 | 17°36 | 17°40 | 19°39 | 25°27 | W12 |
| T 13 | 7 29 50 | 21°56'43 | 7 m 33 | 12° 4 | 19°51 | 12°34 | 10°55 | 16°49 | 0°54 | 7°53 | 29° 8 | 17°36 | 17°37 | 19°46 | 25°26 | T 13 |
| F 14 | 7 33 47 | 22°57'44 | 19°31 | 13° 0 | 21° 6 | 13°18 | 11° 2 | 16°45 | 0°54 | 7°56 | 29°10 | 17°33 | 17°34 | 19°52 | 25°25 | F 14 |
| S 15 | 7 37 43 | 23°58'45 | 1 ∡ 743 | 13°50 | 22°22 | 14° 1 | 11°10 | 16°40 | 0°53 | 7°58 | 29°12 | 17°28 | 17°31 | 19°59 | 25°24 | S 15 |
| S 16 | 7 41 40 | 24°59'47 | 14°13 | 14°34 | 23°37 | 14°45 | 11°17 | 16°35 | 0°53 | 8° 0 | 29°13 | 17°21 | 17°28 | 20° 6 | 25°22 | S 16 |
| M17 | 7 45 36 | 26° 0'50 | 27° 2 | 15°10 | 24°53 | 15°29 | 11°24 | 16°30 | 0°52 | 8° 2 | 29°15 | 17°10 | 17°24 | 20°12 | 25°21 | M17 |
| T 18 | 7 49 33 | 27° 1'53 | 10중12 | 15°37 | 26° 8 | 16°13 | 11°31 | 16°25 | 0°51 | 8° 4 | 29°16 | 16°58 | 17°21 | 20°19 | 25°20 | T 18 |
| W19 | 7 53 30 | 28° 2'57 | 23°43 | 15°55 | 27°24 | 16°57 | 11°38 | 16°20 | 0°51 | 8° 7 | 29°18 | 16°45 | 17°18 | 20°26 | 25°19 | W19 |
| T 20 | 7 57 26 | 29° 4'01 | 7≈31 | 16°R 3 | 28°39 | 17°41 | 11°45 | 16°16 | 0°50 | 8° 9 | 29°19 | 16°32 | 17°15 | 20°32 | 25°18 | T 20 |
| F 21 | 8 1 23 | 0≈ 5'05 | 21°32 | 15°59 | 29°55 | 18°25 | 11°52 | 16°11 | 0°49 | 8°11 | 29°21 | 16°21 | 17°12 | 20°39 | 25°18 | F 21 |
| S 22 | 8 5 19 | 1° 6'10 | 5) €42 | 15°44 | 1≈10 | 19° 9 | 11°58 | 16° 6 | 0°48 | 8°13 | 29°22 | 16°13 | 17° 9 | 20°46 | 25°17 | S 22 |
| S 23 | 8 9 16 | 2° 7'14 | 19°56 | 15°18 | 2°26 | 19°53 | 12° 4 | 16° 2 | 0°47 | 8°16 | 29°24 | 16° 8 | 17° 5 | 20°52 | 25°16 | S 23 |
| M24 | 8 13 12 | 3° 8'19 | 4 Υ 10 | 14°39 | 3°41 | 20°38 | 12°10 | 15°57 | 0°46 | 8°18 | 29°25 | 16° 6 | 17° 2 | 20°59 | 25°15 | M24 |
| T 25 | 8 17 9 | 4° 9'23 | 18°21 | 13°49 | 4°57 | 21°22 | 12°16 | 15°52 | 0°45 | 8°20 | 29°26 | 16°D 5 | 16°59 | 21° 6 | 25°15 | T 25 |
| W26 | 8 21 5 | 5°10'28 | 2 8 27 | 12°49 | 6°12 | 22° 6 | 12°22 | 15°48 | 0°44 | 8°23 | 29°28 | 16°R 5 | 16°56 | 21°12 | 25°14 | W26 |
| T 27 | 8 25 2 | 6°11'32 | 16°29 | 11°41 | 7°28 | 22°51 | 12°28 | 15°43 | 0°43 | 8°25 | 29°29 | 16° 5 | 16°53 | 21°19 | 25°14 | T 27 |
| F 28 | 8 28 59 | 7°12'36 | 0耳25 | 10°25 | 8°43 | 23°35 | 12°34 | 15°39 | 0°42 | 8°27 | 29°30 | 16° 3 | 16°49 | 21°25 | 25°13 | F 28 |
| S 29 | 8 32 55 | 8°13'40 | 14°14 | 9° 6 | 9°59 | 24°19 | 12°39 | 15°35 | 0°41 | 8°29 | 29°31 | 15°58 | 16°46 | 21°32 | 25°13 | S 29 |
| S 30 | 8 36 52 | 9°14'43 | 27°56 | 7°45 | 11°14 | 25° 4 | 12°44 | 15°30 | 0°39 | 8°32 | 29°33 | 15°51 | 16°43 | 21°39 | 25°12 | S 30 |
| M31 | 8 40 48 | 10≈15'47 | 119529 | 6≈25 | 12≈30 | 25 る 48 | 12 M 49 | 15926 | 0 ჲ 38 | 8 ≈ 34 | 29 M 34 | 15 Y 41 | 16 Ƴ 40 | 21 ≏ 45 | 25 8 12 | M31 |

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| T 1 | 8 44 45 | 11≈16'50 | 24950 | 5°R 9 | 13≈45 | 26 궁 33 | 12 M 54 | 15°R22 | 0°R37 | 8≈36 | 29M35 | 15°R29 | 16 Y 37 | 21 ♀ 52 | 25°R12 | T 1 |
| W 2 | 8 48 41 | 12°17'52 | 7Ω 58 | 3≈58 | 15° 1 | 27°18 | 12°59 | 159518 | ე <u>თ</u> 35 | 8°38 | 29°36 | 15 Y 18 | 16°34 | 21°59 | 25 8 12 | W 2 |
| T 3 | 8 52 38 | 13°18'55 | 20°51 | 2°54 | 16°16 | 28° 2 | 13° 3 | 15°14 | 0°34 | 8°41 | 29°37 | 15° 7 | 16°30 | 22° 5 | 25°12 | T 3 |
| F 4 | 8 56 35 | 14°19'58 | 3 m 28 | 1°59 | 17°32 | 28°47 | 13° 8 | 15°10 | 0°32 | 8°43 | 29°38 | 14°58 | 16°27 | 22°12 | 25°D12 | F 4 |
| S 5 | 9 0 31 | 15°21'00 | 15°49 | 1°14 | 18°47 | 29°32 | 13°12 | 15° 6 | 0°31 | 8°45 | 29°39 | 14°51 | 16°24 | 22°19 | 25°12 | S 5 |
| S 6 | 9 4 28 | 16°22'02 | 27°57 | 0°38 | 20° 3 | 0≈17 | 13°16 | 15° 2 | 0°29 | 8°47 | 29°40 | 14°47 | 16°21 | 22°25 | 25°12 | S 6 |
| M 7 | 9 8 24 | 17°23'04 | 9 ≙ 54 | 0°12 | 21°18 | 1° 1 | 13°20 | 14°58 | 0°27 | 8°50 | 29°41 | 14°D45 | 16°18 | 22°32 | 25°12 | M 7 |
| T 8 | 9 12 21 | 18°24'06 | 21°44 | 29 궁 55 | 22°34 | 1°46 | 13°24 | 14°54 | 0°26 | 8°52 | 29°42 | 14°45 | 16°15 | 22°39 | 25°12 | T 8 |
| W 9 | 9 16 17 | 19°25'08 | 3 M .31 | 29°D48 | 23°49 | 2°31 | 13°27 | 14°51 | 0°24 | 8°54 | 29°42 | 14°46 | 16°11 | 22°45 | 25°12 | W 9 |
| T 10 | 9 20 14 | 20°26'10 | 15°20 | 29°49 | 25° 4 | 3°16 | 13°31 | 14°47 | 0°22 | 8°56 | 29°43 | 14°R47 | 16° 8 | 22°52 | 25°13 | T 10 |
| F 11 | 9 24 10 | 21°27'11 | 27°18 | 29°58 | 26°20 | 4° 1 | 13°34 | 14°44 | 0°20 | 8°59 | 29°44 | 14°47 | 16° 5 | 22°59 | 25°13 | F 11 |
| S 12 | 9 28 7 | 22°28'13 | 9 ₹ 29 | 0≈15 | 27°35 | 4°46 | 13°37 | 14°40 | 0°18 | 9° 1 | 29°45 | 14°45 | 16° 2 | 23° 5 | 25°13 | S 12 |
| S 13 | 9 32 4 | 23°29'14 | 21°59 | 0°38 | 28°51 | 5°31 | 13°40 | 14°37 | 0°16 | 9° 3 | 29°45 | 14°41 | 15°59 | 23°12 | 25°14 | S 13 |
| M14 | 9 36 0 | 24°30'15 | 4 궁 51 | 1° 8 | 0 ∀ 6 | 6°16 | 13°42 | 14°34 | 0°15 | 9° 5 | 29°46 | 14°36 | 15°55 | 23°18 | 25°15 | M14 |
| T 15 | 9 39 57 | 25°31'16 | 18° 7 | 1°43 | 1°22 | 7° 1 | 13°45 | 14°31 | 0°13 | 9°8 | 29°47 | 14°28 | 15°52 | 23°25 | 25°15 | T 15 |
| W16 | 9 43 53 | 26°32'16 | 1≈49 | 2°23 | 2°37 | 7°47 | 13°47 | 14°28 | 0°11 | 9°10 | 29°47 | 14°20 | 15°49 | 23°32 | 25°16 | W16 |
| T 17 | 9 47 50 | 27°33'16 | 15°53 | 3° 8 | 3°52 | 8°32 | 13°49 | 14°25 | 0° 8 | 9°12 | 29°48 | 14°11 | 15°46 | 23°38 | 25°17 | T 17 |
| F 18 | 9 51 46 | 28°34'15 | 0) €16 | 3°57 | 5° 8 | 9°17 | 13°51 | 14°22 | 0° 6 | 9°14 | 29°48 | 14° 4 | 15°43 | 23°45 | 25°17 | F 18 |
| S 19 | 9 55 43 | 29°35'13 | 14°52 | 4°50 | 6°23 | 10° 3 | 13°53 | 14°19 | 0° 4 | 9°16 | 29°49 | 13°59 | 15°40 | 23°52 | 25°18 | S 19 |
| S 20 | 9 59 39 | 0 ¥ 36'10 | 29°33 | 5°46 | 7°39 | 10°48 | 13°54 | 14°17 | 0° 2 | 9°18 | 29°49 | 13°56 | 15°36 | 23°58 | 25°19 | S 20 |
| M21 | 10 3 36 | 1°37'07 | 14 Y 13 | 6°46 | 8°54 | 11°33 | 13°56 | 14°14 | 29 m 59 | 9°21 | 29°49 | 13°D55 | 15°33 | 24° 5 | 25°20 | M21 |
| T 22 | 10 7 33 | 2°38'02 | 28°46 | 7°48 | 10° 9 | 12°19 | 13°57 | 14°12 | 29°58 | 9°23 | 29°50 | 13°56 | 15°30 | 24°12 | 25°21 | T 22 |
| W23 | 10 11 29 | 3°38'57 | 138 8 | 8°52 | 11°25 | 13° 4 | 13°58 | 14° 9 | 29°55 | 9°25 | 29°50 | 13°57 | 15°27 | 24°18 | 25°22 | W23 |
| T 24 | 10 15 26 | 4°39'50 | 27°16 | 9°59 | 12°40 | 13°50 | 13°59 | 14° 7 | 29°53 | 9°27 | 29°50 | 13°58 | 15°24 | 24°25 | 25°24 | T 24 |
| F 25 | 10 19 22 | 5°40'42 | 11 II 9 | 11°8 | 13°55 | 14°35 | 13°59 | 14° 5 | 29°51 | 9°29 | 29°51 | 13°R58 | 15°21 | 24°32 | 25°25 | F 25 |
| S 26 | 10 23 19 | 6°41'33 | 24°48 | 12°19 | 15°11 | 15°21 | 14° 0 | 14° 3 | 29°49 | 9°31 | 29°51 | 13°57 | 15°17 | 24°38 | 25°26 | S 26 |
| S 27 | 10 27 15 | 7°42'23 | 89513 | 13°32 | 16°26 | 16° 6 | 14° 0 | 14° 1 | 29°46 | 9°33 | 29°51 | 13°54 | 15°14 | 24°45 | 25°27 | S 27 |
| M28 | 10 31 12 | 8°43'11 | 21°24 | 14°47 | 17°41 | 16°52 | 14°R 0 | 13°59 | 29°44 | 9°35 | 29°51 | 13°49 | 15°11 | 24°51 | 25°29 | M28 |
| T 29 | 10 35 8 | 9) (43'58 | 4 Ω 21 | 16 ≈ 3 | 18 米 56 | 17 ≈ 38 | 14 M 0 | 13957 | 29 m 41 | 9≈37 | 29 M 51 | 13 Y 43 | 15 ° 8 | 24 ≏ 58 | 25 8 30 | T 29 |

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|-------------|----------------------|------------------------------|------------------------|-------------------|-----------------------|----------------|----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|
| W 1 | 10 39 5 | 10) (44'44 | 17 0 6 | 17≈20 | 20 米 12 | 18 ≈ 23 | 13°R59 | 13°R56 | 29°R39 | 9≈39 | 29 M 51 | 13°R37 | 15 ℃ 5 | 25 ♀ 5 | 25 8 32 | W 1 |
| T 2 | 10 43 2 | 11°45'29 | 29°38 | 18°39 | 21°27 | 19° 9 | 13ML59 | 13954 | 29 m 37 | 9°41 | 29°R51 | 13 Y 31 | 15° 1 | 25°11 | 25°33 | T 2 |
| F 3 | 10 46 58 | 12°46'12 | 11 m 59 | 20° 0 | 22°42 | 19°55 | 13°58 | 13°53 | 29°34 | 9°43 | 29°51 | 13°27 | 14°58 | 25°18 | 25°35 | F 3 |
| S 4 | 10 50 55 | 13°46'54 | 24° 9 | 21°21 | 23°57 | 20°41 | 13°57 | 13°52 | 29°32 | 9°45 | 29°51 | 13°24 | 14°55 | 25°25 | 25°37 | S 4 |
| S 5 | 10 54 51 | 14°47'35 | 6 ₽ 10 | 22°44 | 25°12 | 21°26 | 13°56 | 13°50 | 29°29 | 9°47 | 29°51 | 13°22 | 14°52 | 25°31 | 25°38 | S 5 |
| M 6 | 10 58 48 | 15°48'15 | 18° 3 | 24° 8 | 26°28 | 22°12 | 13°55 | 13°49 | 29°27 | 9°49 | 29°51 | 13°D22 | 14°49 | 25°38 | 25°40 | M 6 |
| T 7 | 11 2 44 | 16°48'54 | 29°51 | 25°33 | 27°43 | 22°58 | 13°53 | 13°48 | 29°24 | 9°51 | 29°51 | 13°23 | 14°46 | 25°45 | 25°42 | T 7 |
| W 8 | 11 641 | 17°49'32 | 11MJ38 | 26°59 | 28°58 | 23°44 | 13°52 | 13°48 | 29°22 | 9°53 | 29°51 | 13°25 | 14°42 | 25°51 | 25°44 | W 8 |
| T 9 F 10 | 11 10 37 | 18°50'09 19°50'44 | 23°28 | 28°26 29°54 | 0 Υ 13 1°28 | 24°30 25°16 | 13°50 13°48 | 13°47 | 29°19 29°16 | 9°55 9°57 | 29°51 29°50 | 13°26 13°28 | 14°39 | 25°58 26° 5 | 25°46 25°48 | T 9 F 10 |
| S 11 | 11 14 34 11 18 30 | 20°51'19 | 5 ₹ 25 17°35 | 1) 23 | 2°43 | 25°16 26° 2 | 13°48 13°45 | 13°46 13°46 | 29°16 29°14 | 9°58 | 29°50 | 13°28 13°R29 | 14°36 14°33 | 26°11 | 25°48 25°50 | S 11 |
| | | | | | | | | | - | | | | | - | | |
| S 12 | 11 22 27 | 21°51'53 | 0ට 1 | 2°53 | 3°58 | 26°48 | 13°43 | 13°45 | 29°11 | 10° 0 | 29°50 | 13°28 | 14°30 | 26°18 | 25°52 | S 12 |
| M13 | 11 26 24 | 22°52'25 | 12°48 | 4°24 | 5°13 | 27°34 | 13°40 | 13°45 | 29° 9 | 10° 2 | 29°49 | 13°27 | 14°26 | 26°25 | 25°54 | M13 |
| T 14 | 11 30 20 | 23°52'57 | 26° 1 | 5°56 | 6°28 | 28°20 | 13°38 | 13°45 | 29° 6 | 10° 4 | 29°49 | 13°25 | 14°23 | 26°31 | 25°56 | T 14 |
| W15 T 16 | 11 34 17 11 38 13 | 24°53'27 25°53'56 | 9 ≈ 40 23°46 | 7°29 9°2 | 7°43 8°58 | 29° 7 29°53 | 13°35 13°32 | 13°D45 13°45 | 29° 3 29° 1 | 10° 6 10° 7 | 29°49 29°48 | 13°23 13°20 | 14°20 14°17 | 26°38 26°44 | 25°58 26° 0 | W15 T 16 |
| F 17 | 11 38 13 | 25°54'23 | 8) 17 | 10°37 | 10°13 | 0 ★39 | 13°28 | 13°45 | 29°58 | 10 / | 29°48 | 13°18 | 14 17 14°14 | 26°51 | 26° 3 | F 17 |
| S 18 | 11 42 10 | 20°54'49 | 23° 6 | 10°37 12°13 | 10°13 | 1°25 | 13°25 | 13°45 | 28°56 | 10°11 | 29°47 | 13°16 | 14°11 | 26°58 | 26° 5 | S 18 |
| | | | | | | | | | | - | | | | | | |
| S 19 | 11 50 3 | 28°55'14 | 8 Υ 7 | 13°50 | 12°43 | 2°11 | 13°21 | 13°46 | 28°53 | 10°12 | 29°47 | 13°D16 | 14° 7 | 27° 4 | 26° 8 | S 19 |
| M20 T 21 | 11 53 59 | 29°55'37 0 ° 55'58 | 23°10 8 8 8 | 15°27 17° 6 | 13°58 15°13 | 2°58 3°44 | 13°17 13°13 | 13°46 13°47 | 28°50 28°48 | 10°14 10°16 | 29°46 29°45 | 13°16 13°17 | 14° 4 14° 1 | 27°11 27°18 | 26°10 26°13 | M20 T 21 |
| W22 | 11 57 56 12 1 53 | 1°56'17 | 22°52 | 17° 6 18°46 | 16°28 | 4°30 | 13° 13 | 13°47 13°48 | 28°48 28°45 | 10°16 | 29°45 | 13°17 | 13°58 | 27°18 | 26°13 | W22 |
| T 23 | 12 5 49 | 2°56'35 | 7 Ⅱ 18 | 20°26 | 17°42 | 5°17 | 13° 5 | 13°48 | 28°42 | 10°17 | 29°44 | 13°18 | 13°55 | 27°31 | 26°18 | T 23 |
| F 24 | 12 9 46 | 3°56'51 | 21°22 | 22° 8 | 18°57 | 6° 3 | 13° 0 | 13°49 | 28°40 | 10°20 | 29°43 | 13°19 | 13°52 | 27°38 | 26°20 | F 24 |
| S 25 | 12 13 42 | 4°57'05 | 599 4 | 23°51 | 20°12 | 6°49 | 12°56 | 13°50 | 28°37 | 10°22 | 29°43 | 13°R19 | 13°48 | 27°44 | 26°23 | S 25 |
| S 26 | 12 17 39 | 5°57'17 | 18°23 | 25°35 | 21°27 | 7°36 | 12°51 | 13°52 | 28°35 | 10°23 | 29°42 | 13°19 | 13°45 | 27°51 | 26°26 | S 26 |
| M27 | 12 21 35 | 6°57'26 | 1023 | 27°19 | 22°41 | 8°22 | 12°46 | 13°53 | 28°32 | 10°25 | 29°41 | 13°19 | 13°42 | 27°58 | 26°29 | M27 |
| T 28 | 12 25 32 | 7°57'34 | 14° 6 | 29° 5 | 23°56 | 9° 8 | 12°41 | 13°54 | 28°29 | 10°26 | 29°40 | 13°18 | 13°39 | 28° 4 | 26°31 | T 28 |
| W29 | 12 29 28 | 8°57'40 | 26°34 | 0 Υ 52 | 25°11 | 9°55 | 12°35 | 13°56 | 28°27 | 10°28 | 29°39 | 13°17 | 13°36 | 28°11 | 26°34 | W29 |
| T 30 | 12 33 25 | 9°57'44 | 8 m 49 | 2°40 | 26°25 | 10°41 | 12°30 | 13°57 | 28°24 | 10°29 | 29°38 | 13°17 | 13°32 | 28°18 | 26°37 | T 30 |
| F 31 | 12 37 22 | 10 Υ 57'46 | 20 m 55 | 4 Υ30 | 27 Y 40 | 11 米 28 | 12 M 24 | 139559 | 28 Mp 22 | 10≈30 | 29 IL 37 | 13 Y 16 | 13 ℃ 29 | 28 ≏ 24 | 26840 | F 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)ұ(| ¥ | Р | r | Ω | Ç | ď | Day |
|------|----------|-------------------|----------------|---------------|----------------|------------------|-----------------|--------|------------------|-------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 12 41 18 | 11 Y 57'46 | 2 ≏ 54 | 6 Y 20 | 28 Y 54 | 12) (14 | 12°R19 | 1499 1 | 28°R19 | 10≈32 | 29°R36 | 13°R16 | 13 Y 26 | 28 ≏ 31 | 26 8 43 | S 1 |
| S 2 | 12 45 15 | 12°57'44 | 14°46 | 8°11 | 0 8 9 | 13° 1 | 12 M _13 | 14° 3 | 28 m) 17 | 10°33 | 29 M 35 | 13 Y 16 | 13°23 | 28°37 | 26°46 | S 2 |
| M 3 | 12 49 11 | 13°57'41 | 26°36 | 10° 4 | 1°23 | 13°47 | 12° 7 | 14° 5 | 28°14 | 10°34 | 29°34 | 13°16 | 13°20 | 28°44 | 26°49 | M 3 |
| T 4 | 12 53 8 | 14°57'35 | 8 M 24 | 11°57 | 2°38 | 14°34 | 12° 1 | 14° 7 | 28°12 | 10°35 | 29°33 | 13°16 | 13°17 | 28°51 | 26°52 | T 4 |
| W 5 | 12 57 4 | 15°57'28 | 20°13 | 13°52 | 3°52 | 15°20 | 11°55 | 14° 9 | 28° 9 | 10°37 | 29°32 | 13°16 | 13°13 | 28°57 | 26°55 | W 5 |
| T 6 | 13 1 1 | 16°57'20 | 2 , 7 6 | 15°48 | 5° 7 | 16° 7 | 11°48 | 14°12 | 28° 7 | 10°38 | 29°31 | 13°15 | 13°10 | 29° 4 | 26°58 | T 6 |
| F 7 | 13 4 57 | 17°57'10 | 14° 6 | 17°44 | 6°21 | 16°54 | 11°42 | 14°14 | 28° 4 | 10°39 | 29°30 | 13°15 | 13° 7 | 29°11 | 27° 1 | F 7 |
| S 8 | 13 8 54 | 18°56'58 | 26°17 | 19°42 | 7°35 | 17°40 | 11°35 | 14°17 | 28° 2 | 10°40 | 29°29 | 13°14 | 13° 4 | 29°17 | 27° 5 | S 8 |
| S 9 | 13 12 51 | 19°56'44 | 8 조 41 | 21°40 | 8°50 | 18°27 | 11°29 | 14°19 | 28° 0 | 10°41 | 29°28 | 13°14 | 13° 1 | 29°24 | 27° 8 | S 9 |
| M10 | 13 16 47 | 20°56'29 | 21°25 | 23°40 | 10° 4 | 19°13 | 11°22 | 14°22 | 27°57 | 10°42 | 29°27 | 13°D14 | 12°58 | 29°31 | 27°11 | M10 |
| T 11 | 13 20 44 | 21°56'13 | 4≈30 | 25°39 | 11°18 | 20° 0 | 11°15 | 14°25 | 27°55 | 10°43 | 29°25 | 13°14 | 12°54 | 29°37 | 27°14 | T 11 |
| W12 | 13 24 40 | 22°55'54 | 18° 0 | 27°40 | 12°32 | 20°47 | 11° 8 | 14°28 | 27°53 | 10°44 | 29°24 | 13°15 | 12°51 | 29°44 | 27°18 | W12 |
| T 13 | 13 28 37 | 23°55'34 | 1) 56 | 29°40 | 13°46 | 21°33 | 11° 1 | 14°31 | 27°50 | 10°45 | 29°23 | 13°15 | 12°48 | 29°51 | 27°21 | T 13 |
| F 14 | 13 32 33 | 24°55'12 | 16°19 | 1841 | 15° 1 | 22°20 | 10°54 | 14°34 | 27°48 | 10°46 | 29°22 | 13°16 | 12°45 | 29°57 | 27°24 | F 14 |
| S 15 | 13 36 30 | 25°54'49 | 1 ℃ 5 | 3°42 | 16°15 | 23° 7 | 10°47 | 14°38 | 27°46 | 10°47 | 29°20 | 13°17 | 12°42 | OM 4 | 27°28 | S 15 |
| S 16 | 13 40 26 | 26°54'24 | 16° 8 | 5°42 | 17°29 | 23°53 | 10°40 | 14°41 | 27°44 | 10°48 | 29°19 | 13°R17 | 12°38 | 0°11 | 27°31 | S 16 |
| M17 | 13 44 23 | 27°53'56 | 1821 | 7°41 | 18°43 | 24°40 | 10°32 | 14°44 | 27°41 | 10°49 | 29°18 | 13°17 | 12°35 | 0°17 | 27°35 | M17 |
| T 18 | 13 48 19 | 28°53'27 | 16°33 | 9°40 | 19°57 | 25°27 | 10°25 | 14°48 | 27°39 | 10°50 | 29°16 | 13°15 | 12°32 | 0°24 | 27°38 | T 18 |
| W19 | 13 52 16 | 29°52'56 | 1 Ⅱ 35 | 11°37 | 21°11 | 26°13 | 10°17 | 14°52 | 27°37 | 10°50 | 29°15 | 13°14 | 12°29 | 0°31 | 27°42 | W19 |
| T 20 | 13 56 13 | 0 8 52'23 | 16°19 | 13°32 | 22°25 | 27° 0 | 10°10 | 14°55 | 27°35 | 10°51 | 29°13 | 13°11 | 12°26 | 0°37 | 27°45 | T 20 |
| F 21 | 14 0 9 | 1°51'48 | 0ഇ38 | 15°26 | 23°39 | 27°47 | 10° 2 | 14°59 | 27°33 | 10°52 | 29°12 | 13° 9 | 12°23 | 0°44 | 27°49 | F 21 |
| S 22 | 14 4 6 | 2°51'11 | 14°30 | 17°16 | 24°53 | 28°34 | 9°55 | 15° 3 | 27°31 | 10°53 | 29°10 | 13° 7 | 12°19 | 0°51 | 27°52 | S 22 |
| S 23 | 14 8 2 | 3°50'31 | 27°56 | 19° 4 | 26° 6 | 29°20 | 9°47 | 15° 7 | 27°29 | 10°53 | 29° 9 | 13°D 6 | 12°16 | 0°57 | 27°56 | S 23 |
| M24 | 14 11 59 | 4°49'49 | 10 Ω 55 | 20°48 | 27°20 | 0 ℃ 7 | 9°40 | 15°11 | 27°27 | 10°54 | 29° 7 | 13° 6 | 12°13 | 1° 4 | 28° 0 | M24 |
| T 25 | 14 15 55 | 5°49'05 | 23°33 | 22°28 | 28°34 | 0°54 | 9°32 | 15°16 | 27°25 | 10°54 | 29° 6 | 13° 7 | 12°10 | 1°10 | 28° 3 | T 25 |
| W26 | 14 19 52 | 6°48'18 | 5 m 53 | 24° 4 | 29°48 | 1°40 | 9°24 | 15°20 | 27°23 | 10°55 | 29° 4 | 13° 9 | 12° 7 | 1°17 | 28° 7 | W26 |
| T 27 | 14 23 49 | 7°47'29 | 17°59 | 25°36 | 1 I 1 | 2°27 | 9°16 | 15°24 | 27°22 | 10°55 | 29° 3 | 13°11 | 12° 4 | 1°24 | 28°11 | T 27 |
| F 28 | 14 27 45 | 8°46'38 | 29°56 | 27° 3 | 2°15 | 3°14 | 9° 9 | 15°29 | 27°20 | 10°56 | 29° 1 | 13°12 | 12° 0 | 1°30 | 28°14 | F 28 |
| S 29 | 14 31 42 | 9°45'45 | 11 ≏ 47 | 28°25 | 3°28 | 4° 0 | 9° 1 | 15°33 | 27°18 | 10°56 | 29° 0 | 13°R13 | 11°57 | 1°37 | 28°18 | S 29 |
| S 30 | 14 35 38 | 10844'50 | 23 ≏ 34 | 29841 | 4 Ⅱ 42 | 4℃ 47 | 8 M .53 | 15938 | 27 m 16 | 10≈57 | 28 M 58 | 13 Y 12 | 11 Y 54 | 1 M .44 | 28 8 22 | S 30 |

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|------|----------|-------------------|----------------|----------------|---------------|----------------|----------------|--------|----------------|--------|---------------|----------------|----------------|----------------|----------------|------|
| M 1 | 14 39 35 | 11843'53 | 5 M 22 | 0Д52 | 5 Ⅱ 55 | 5 Υ 34 | 8°R46 | 159543 | 27°R15 | 10≈57 | 28°R57 | 13°R10 | 11 Y 51 | 1 M .50 | 28 8 26 | M 1 |
| T 2 | 14 43 31 | 12°42'53 | 17°12 | 1°57 | 7° 9 | 6°21 | 8 M .38 | 15°47 | 27 m 13 | 10°58 | 28M55 | 13 ° 7 | 11°48 | 1°57 | 28°29 | T 2 |
| W 3 | 14 47 28 | 13°41'52 | 29° 7 | 2°57 | 8°22 | 7° 7 | 8°30 | 15°52 | 27°12 | 10°58 | 28°53 | 13° 2 | 11°44 | 2° 4 | 28°33 | W 3 |
| T 4 | 14 51 24 | 14°40'49 | 11 🗷 7 | 3°50 | 9°36 | 7°54 | 8°23 | 15°57 | 27°10 | 10°58 | 28°52 | 12°57 | 11°41 | 2°10 | 28°37 | T 4 |
| F 5 | 14 55 21 | 15°39'45 | 23°15 | 4°37 | 10°49 | 8°41 | 8°15 | 16° 2 | 27° 9 | 10°58 | 28°50 | 12°51 | 11°38 | 2°17 | 28°41 | F 5 |
| S 6 | 14 59 17 | 16°38'38 | 5 云 33 | 5°18 | 12° 2 | 9°27 | 8° 7 | 16° 7 | 27° 7 | 10°59 | 28°49 | 12°46 | 11°35 | 2°24 | 28°44 | S 6 |
| S 7 | 15 3 14 | 17°37'30 | 18° 4 | 5°52 | 13°16 | 10°14 | 8° 0 | 16°13 | 27° 6 | 10°59 | 28°47 | 12°41 | 11°32 | 2°30 | 28°48 | S 7 |
| M 8 | 15 7 11 | 18°36'20 | 0≈49 | 6°21 | 14°29 | 11° 0 | 7°52 | 16°18 | 27° 4 | 10°59 | 28°45 | 12°38 | 11°29 | 2°37 | 28°52 | M 8 |
| T 9 | 15 11 7 | 19°35'09 | 13°51 | 6°42 | 15°42 | 11°47 | 7°45 | 16°23 | 27° 3 | 10°59 | 28°44 | 12°D36 | 11°25 | 2°44 | 28°56 | T 9 |
| W10 | 15 15 4 | 20°33'56 | 27°14 | 6°58 | 16°55 | 12°34 | 7°38 | 16°29 | 27° 2 | 10°59 | 28°42 | 12°36 | 11°22 | 2°50 | 29° 0 | W10 |
| T 11 | 15 19 0 | 21°32'41 | 10 ¥ 59 | 7° 7 | 18° 8 | 13°20 | 7°30 | 16°34 | 27° 1 | 10°59 | 28°40 | 12°37 | 11°19 | 2°57 | 29° 4 | T 11 |
| F 12 | 15 22 57 | 22°31'25 | 25° 7 | 7°R11 | 19°21 | 14° 7 | 7°23 | 16°40 | 26°59 | 10°R59 | 28°39 | 12°39 | 11°16 | 3° 4 | 29° 8 | F 12 |
| S 13 | 15 26 53 | 23°30'07 | 9 Υ 38 | 7° 8 | 20°34 | 14°54 | 7°16 | 16°45 | 26°58 | 10°59 | 28°37 | 12°R40 | 11°13 | 3°10 | 29°11 | S 13 |
| S 14 | 15 30 50 | 24°28'47 | 24°28 | 7° 0 | 21°47 | 15°40 | 7° 9 | 16°51 | 26°57 | 10°59 | 28°35 | 12°39 | 11° 9 | 3°17 | 29°15 | S 14 |
| M15 | 15 34 46 | 25°27'26 | 9 8 32 | 6°46 | 23° 0 | 16°27 | 7° 2 | 16°57 | 26°56 | 10°59 | 28°33 | 12°37 | 11° 6 | 3°24 | 29°19 | M15 |
| T 16 | 15 38 43 | 26°26'03 | 24°42 | 6°27 | 24°13 | 17°13 | 6°55 | 17° 3 | 26°55 | 10°59 | 28°32 | 12°32 | 11° 3 | 3°30 | 29°23 | T 16 |
| W17 | 15 42 40 | 27°24'38 | 9 П 46 | 6° 4 | 25°25 | 18° 0 | 6°48 | 17° 8 | 26°54 | 10°59 | 28°30 | 12°26 | 11° 0 | 3°37 | 29°27 | W17 |
| T 18 | 15 46 36 | 28°23'11 | 24°37 | 5°36 | 26°38 | 18°46 | 6°41 | 17°14 | 26°54 | 10°59 | 28°28 | 12°19 | 10°57 | 3°44 | 29°31 | T 18 |
| F 19 | 15 50 33 | 29°21'43 | 995 6 | 5° 5 | 27°51 | 19°33 | 6°34 | 17°20 | 26°53 | 10°58 | 28°27 | 12°12 | 10°54 | 3°50 | 29°35 | F 19 |
| S 20 | 15 54 29 | 0 П 20'12 | 23° 7 | 4°31 | 29° 4 | 20°19 | 6°28 | 17°27 | 26°52 | 10°58 | 28°25 | 12° 6 | 10°50 | 3°57 | 29°39 | S 20 |
| S 21 | 15 58 26 | 1°18'40 | 6 Ω 40 | 3°55 | 0916 | 21° 6 | 6°21 | 17°33 | 26°51 | 10°58 | 28°23 | 12° 1 | 10°47 | 4° 3 | 29°43 | S 21 |
| M22 | 16 2 22 | 2°17'05 | 19°44 | 3°17 | 1°29 | 21°52 | 6°15 | 17°39 | 26°51 | 10°58 | 28°22 | 11°59 | 10°44 | 4°10 | 29°46 | M22 |
| T 23 | 16 6 19 | 3°15'28 | 2 Mg 24 | 2°38 | 2°41 | 22°39 | 6° 9 | 17°45 | 26°50 | 10°57 | 28°20 | 11°D58 | 10°41 | 4°17 | 29°50 | T 23 |
| W24 | 16 10 16 | 4°13'49 | 14°43 | 1°59 | 3°54 | 23°25 | 6° 3 | 17°51 | 26°50 | 10°57 | 28°18 | 11°58 | 10°38 | 4°23 | 29°54 | W24 |
| T 25 | 16 14 12 | 5°12'08 | 26°47 | 1°21 | 5° 6 | 24°11 | 5°57 | 17°58 | 26°49 | 10°57 | 28°17 | 11°59 | 10°35 | 4°30 | 29°58 | T 25 |
| F 26 | 16 18 9 | 6°10'25 | 8 ₽ 41 | 0°43 | 6°18 | 24°58 | 5°51 | 18° 4 | 26°49 | 10°56 | 28°15 | 12°R 0 | 10°31 | 4°37 | 0 Π 2 | F 26 |
| S 27 | 16 22 5 | 7° 8'41 | 20°29 | 0° 8 | 7°31 | 25°44 | 5°45 | 18°11 | 26°48 | 10°56 | 28°13 | 12° 0 | 10°28 | 4°43 | 0° 6 | S 27 |
| S 28 | 16 26 2 | 8° 6'54 | 2 M .16 | 29 8 34 | 8°43 | 26°30 | 5°39 | 18°17 | 26°48 | 10°55 | 28°12 | 11°58 | 10°25 | 4°50 | 0°10 | S 28 |
| M29 | 16 29 58 | 9° 5'06 | 14° 5 | 29° 4 | 9°55 | 27°16 | 5°34 | 18°24 | 26°48 | 10°55 | 28°10 | 11°53 | 10°22 | 4°57 | 0°14 | M29 |
| T 30 | 16 33 55 | 10° 3'15 | 26° 0 | 28°37 | 11° 7 | 28° 3 | 5°29 | 18°30 | 26°47 | 10°54 | 28° 8 | 11°46 | 10°19 | 5° 3 | 0°17 | T 30 |
| W31 | 16 37 51 | 11 II 1'24 | 8 √ 2 | 28814 | 129519 | 28 Y 49 | 5 M 23 | 18937 | 26 m 47 | 10≈53 | 28 m 7 | 11 Y 37 | 10 Υ 16 | 5 M .10 | 0 耳 21 | W31 |

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| Day | Sid.t | 0 | D | ğ | Q. | ď | 4 | ħ | Ж | 并 | В | u | v | Ç | ę, | Day |
| T 1 | 16 41 48 | 11 Ⅱ 59'30 | 20 х 14 | 27°R55 | 13931 | 29 Y 35 | 5°R18 | 189544 | 26°R47 | 10°R53 | 28°R 5 | 11°R26 | 10 Υ 12 | 5 M 17 | 0 ∐ 25 | T 1 |
| F 2 | 16 45 45 | 12°57'35 | 2 る 35 | 27 8 40 | 14°43 | 0821 | 5 M 13 | 18°51 | 26 m 47 | 10≈52 | 28M 3 | 11 Y 15 | 10° 9 | 5°23 | 0°29 | F 2 |
| S 3 | 16 49 41 | 13°55'39 | 15° 7 | 27°29 | 15°55 | 1° 7 | 5° 9 | 18°57 | 26°D47 | 10°52 | 28° 2 | 11° 4 | 10° 6 | 5°30 | 0°33 | S 3 |
| S 4 | 16 53 38 | 14°53'41 | 27°51 | 27°23 | 17° 7 | 1°53 | 5° 4 | 19° 4 | 26°47 | 10°51 | 28° 0 | 10°55 | 10° 3 | 5°37 | 0°37 | S 4 |
| M 5 | 16 57 34 | 15°51'42 | 10≈46 | 27°D22 | 18°18 | 2°39 | 5° 0 | 19°11 | 26°47 | 10°50 | 27°59 | 10°48 | 10° 0 | 5°43 | 0°40 | M 5 |
| T 6 | 17 131 | 16°49'42 | 23°55 | 27°25 | 19°30 | 3°26 | 4°55 | 19°18 | 26°47 | 10°49 | 27°57 | 10°43 | 9°56 | 5°50 | 0°44 | T 6 |
| W 7 | 17 5 27 | 17°47'40 | 7 ∺ 19 | 27°33 | 20°42 | 4°12 | 4°51 | 19°25 | 26°48 | 10°49 | 27°55 | 10°41 | 9°53 | 5°57 | 0°48 | W 7 |
| T 8 | 17 9 24 | 18°45'37 | 20°59 | 27°45 | 21°53 | 4°57 | 4°47 | 19°32 | 26°48 | 10°48 | 27°54 | 10°D41 | 9°50 | 6° 3 | 0°52 | T 8 |
| F 9 | 17 13 20 | 19°43'33 | 4 Ƴ 57 | 28° 2 | 23° 5 | 5°43 | 4°43 | 19°39 | 26°48 | 10°47 | 27°52 | 10°R41 | 9°47 | 6°10 | 0°55 | F 9 |
| S 10 | 17 17 17 | 20°41'28 | 19°12 | 28°24 | 24°16 | 6°29 | 4°40 | 19°46 | 26°48 | 10°46 | 27°51 | 10°41 | 9°44 | 6°17 | 0°59 | S 10 |
| S 11 | 17 21 14 | 21°39'21 | 3 8 43 | 28°49 | 25°28 | 7°15 | 4°36 | 19°54 | 26°49 | 10°45 | 27°49 | 10°39 | 9°41 | 6°23 | 1° 3 | S 11 |
| M12 | 17 25 10 | 22°37'14 | 18°28 | 29°19 | 26°39 | 8° 1 | 4°33 | 20° 1 | 26°49 | 10°44 | 27°48 | 10°35 | 9°37 | 6°30 | 1° 7 | M12 |
| T 13 | 17 29 7 | 23°35'05 | 3Ⅱ19 | 29°53 | 27°50 | 8°47 | 4°30 | 20° 8 | 26°50 | 10°43 | 27°46 | 10°28 | 9°34 | 6°37 | 1°10 | T 13 |
| W14 | 17 33 3 | 24°32'56 | 18°10 | 0 Ⅲ 31 | 29° 1 | 9°33 | 4°27 | 20°15 | 26°50 | 10°42 | 27°45 | 10°19 | 9°31 | 6°43 | 1°14 | W14 |
| T 15 | 17 37 0 | 25°30'45 | 2951 | 1°13 | 0Ω12 | 10°18 | 4°24 | 20°23 | 26°51 | 10°41 | 27°43 | 10° 8 | 9°28 | 6°50 | 1°18 | T 15 |
| F 16 | 17 40 56 | 26°28'33 | 17°15 | 1°58 | 1°23 | 11° 4 | 4°22 | 20°30 | 26°52 | 10°40 | 27°42 | 9°57 | 9°25 | 6°57 | 1°21 | F 16 |
| S 17 | 17 44 53 | 27°26'19 | 1 Ω 16 | 2°47 | 2°34 | 11°50 | 4°19 | 20°37 | 26°53 | 10°39 | 27°40 | 9°47 | 9°22 | 7° 3 | 1°25 | S 17 |
| S 18 | 17 48 50 | 28°24'04 | 14°50 | 3°40 | 3°45 | 12°35 | 4°17 | 20°45 | 26°53 | 10°38 | 27°39 | 9°39 | 9°18 | 7°10 | 1°28 | S 18 |
| M19 | 17 52 46 | 29°21'47 | 27°58 | 4°36 | 4°56 | 13°21 | 4°15 | 20°52 | 26°54 | 10°37 | 27°38 | 9°33 | 9°15 | 7°17 | 1°32 | M19 |
| T 20 | 17 56 43 | 09519'29 | 10 M p40 | 5°35 | 6° 7 | 14° 6 | 4°13 | 20°59 | 26°55 | 10°36 | 27°36 | 9°30 | 9°12 | 7°23 | 1°35 | T 20 |
| W21 | 18 0 39 | 1°17'09 | 23° 1 | 6°37 | 7°17 | 14°52 | 4°11 | 21° 7 | 26°56 | 10°35 | 27°35 | 9°28 | 9° 9 | 7°30 | 1°39 | W21 |
| T 22 | 18 4 36 | 2°14'48 | 5 ₾ 6 | 7°43 | 8°28 | 15°37 | 4°10 | 21°14 | 26°57 | 10°34 | 27°34 | 9°28 | 9° 6 | 7°37 | 1°42 | T 22 |
| F 23 | 18 8 32 | 3°12'26 | 17° 1 | 8°52 | 9°38 | 16°22 | 4° 8 | 21°22 | 26°58 | 10°32 | 27°32 | 9°28 | 9° 2 | 7°43 | 1°46 | F 23 |
| S 24 | 18 12 29 | 4°10'02 | 28°49 | 10° 3 | 10°49 | 17° 8 | 4° 7 | 21°29 | 26°59 | 10°31 | 27°31 | 9°27 | 8°59 | 7°50 | 1°49 | S 24 |
| S 25 | 18 16 25 | 5° 7'37 | 10 M .38 | 11°18 | 11°59 | 17°53 | 4° 6 | 21°37 | 27° 0 | 10°30 | 27°30 | 9°24 | 8°56 | 7°57 | 1°53 | S 25 |
| M26 | 18 20 22 | 6° 5'11 | 22°30 | 12°35 | 13° 9 | 18°38 | 4° 5 | 21°45 | 27° 2 | 10°29 | 27°29 | 9°18 | 8°53 | 8° 3 | 1°56 | M26 |
| T 27 | 18 24 19 | 7° 2'44 | 4 ₹ 31 | 13°56 | 14°20 | 19°23 | 4° 5 | 21°52 | 27° 3 | 10°28 | 27°27 | 9°10 | 8°50 | 8°10 | 2° 0 | T 27 |
| W28 | 18 28 15 | 8° 0'15 | 16°43 | 15°19 | 15°30 | 20° 8 | 4° 4 | 22° 0 | 27° 4 | 10°26 | 27°26 | 8°59 | 8°47 | 8°17 | 2° 3 | W28 |
| T 29 | 18 32 12 | 8°57'46 | 29° 6 | 16°45 | 16°39 | 20°53 | 4° 4 | 22° 7 | 27° 5 | 10°25 | 27°25 | 8°47 | 8°43 | 8°23 | 2° 6 | T 29 |
| F 30 | 18 36 8 | 9955'16 | 11 る 44 | 18 Ⅱ 14 | 17 Ω 49 | 21838 | 4°D 4 | 229915 | 27 m) 7 | 10≈24 | 27 m 24 | 8 Ƴ 34 | 8 Υ 40 | 8 M .30 | 2 II 9 | F 30 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)∤(| 并 | Р | V | Ω | ţ | ę, | Day |
|--------------|----------------------|----------------------|------------------------|------------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|--------------|
| S 1 | 18 40 5 | 10952'44 | 24 궁 34 | 19 Ⅱ 45 | 18 Ω 59 | 22823 | 4M 4 | 22923 | 27 Mp 8 | 10°R22 | 27°R23 | 8°R21 | 8 Ƴ 37 | 8 M .37 | 2 Ⅱ 13 | S 1 |
| S 2 | 18 44 1 | 11°50'12 | 7 ≈ 37 | 21°20 | 20° 9 | 23° 8 | 4° 4 | 22°30 | 27°10 | 10≈21 | 27 M 22 | 8 Υ 10 | 8°34 | 8°43 | 2°16 | S 2 |
| M 3 | 18 47 58 | 12°47'39 | 20°51 | 22°57 | 21°18 | 23°53 | 4° 5 | 22°38 | 27°11 | 10°20 | 27°21 | 8° 2 | 8°31 | 8°50 | 2°19 | M 3 |
| T 4 | 18 51 54 | 13°45'06 | 4) (17 | 24°37 | 22°28 | 24°38 | 4° 5 | 22°46 | 27°13 | 10°18 | 27°20 | 7°56 | 8°28 | 8°57 | 2°22 | T 4 |
| W 5 | 18 55 51 | 14°42'31 | 17°52 | 26°19 | 23°37 | 25°23 | 4° 6 | 22°54 | 27°15 | 10°17 | 27°19 | 7°53 | 8°24 | 9° 3 | 2°25 | W 5 |
| T 6 F 7 | 18 59 48 19 3 44 | 15°39'57 16°37'22 | 1 Υ 38 15°35 | 28° 4 29°52 | 24°46 25°56 | 26° 7 26°52 | 4° 7 4° 8 | 23° 1 23° 9 | 27°16 27°18 | 10°15 10°14 | 27°18 27°17 | 7°52 7°52 | 8°21 8°18 | 9°10 9°17 | 2°29 2°32 | T 6 F 7 |
| S 8 | 19 7 41 | 10 37 22 17°34'46 | 29°41 | 1 9 52 | 23° 5 | 20°37 | 4°10 | 23°17 | 27°20 | 10°14 | 27°16 | 7°51 | 8°15 | 9°17 | 2°35 | S 8 |
| | | | 13858 | | | | | | | 10°12 | | | | | 2°38 | |
| S 9 M10 | 19 11 37 19 15 34 | 18°32'10 19°29'34 | 28°21 | 3°35 5°31 | 28°14 29°22 | 28°21 29° 6 | 4°11 4°13 | 23°24 23°32 | 27°22 27°24 | 10°11 10° 9 | 27°15 27°14 | 7°50 7°45 | 8°12 8° 8 | 9°30 9°37 | 2°38 2°41 | S 9 M10 |
| T 11 | 19 19 30 | 20°26'58 | 12 II 49 | 7°28 | 0 mp 31 | 29°50 | 4°15 | 23°40 | 27°26 | 10° 8 | 27°13 | 7°39 | 8° 5 | 9°43 | 2°43 | T 11 |
| W12 | 19 23 27 | 21°24'21 | 27°16 | 9°29 | 1°40 | 0 П 34 | 4°17 | 23°48 | 27°28 | 10° 6 | 27°12 | 7°29 | 8° 2 | 9°50 | 2°46 | W12 |
| T 13 | 19 27 24 | 22°21'44 | 119935 | 11°31 | 2°48 | 1°19 | 4°19 | 23°56 | 27°30 | 10° 5 | 27°12 | 7°19 | 7°59 | 9°57 | 2°49 | T 13 |
| F 14 | 19 31 20 | 23°19'07 | 25°41 | 13°35 | 3°57 | 2° 3 | 4°21 | 24° 3 | 27°32 | 10° 3 | 27°11 | 7° 7 | 7°56 | 10° 3 | 2°52 | F 14 |
| S 15 | 19 35 17 | 24°16'28 | 9 Ω 29 | 15°41 | 5° 5 | 2°47 | 4°24 | 24°11 | 27°34 | 10° 2 | 27°10 | 6°57 | 7°53 | 10°10 | 2°55 | S 15 |
| S 16 | 19 39 13 | 25°13'50 | 22°54 | 17°48 | 6°13 | 3°31 | 4°27 | 24°19 | 27°36 | 10° 0 | 27° 9 | 6°49 | 7°49 | 10°17 | 2°58 | S 16 |
| M17 | 19 43 10 | 26°11'10 | 5 m 57 | 19°57 | 7°21 | 4°15 | 4°30 | 24°27 | 27°38 | 9°59 | 27° 9 | 6°42 | 7°46 | 10°23 | 3° 0 | M17 |
| T 18 | 19 47 6 | 27° 8'30 | 18°38 | 22° 7 | 8°29 | 4°59 | 4°33 | 24°34 | 27°40 | 9°57 | 27° 8 | 6°39 | 7°43 | 10°30 | 3° 3 | T 18 |
| W19 | 19 51 3 | 28° 5'50 | 0 ₾ 59 | 24°18 | 9°37 | 5°43 | 4°36 | 24°42 | 27°43 | 9°56 | 27° 7 | 6°37 | 7°40 | 10°37 | 3° 5 | W19 |
| T 20 F 21 | 19 54 59 19 58 56 | 29° 3'08 0Ω 0'27 | 13° 5 25° 0 | 26°29 28°40 | 10°44 11°52 | 6°27 7°11 | 4°39 4°43 | 24°50 24°58 | 27°45 27°47 | 9°54 9°52 | 27° 7 27° 6 | 6°D37 6°R38 | 7°37 7°34 | 10°43 10°50 | 3° 8 3°11 | T 20 F 21 |
| S 22 | 20 2 53 | 0°57'44 | 6 M .51 | 28 40 0 Ω 51 | 11°52 12°59 | 7°54 | 4°47 | 24 38 25° 5 | 27°50 | 9°51 | 27° 6 | 6°38 | 7°30 | 10°57 | 3°13 | S 22 |
| S 23 | 20 6 49 | 1°55'02 | 18°41 | 3° 2 | 14° 6 | 8°38 | 4°50 | 25°13 | 27°52 | 9°49 | 27° 5 | 6°36 | 7°27 | 11° 3 | 3°15 | S 23 |
| M24 | 20 10 46 | 2°52'19 | 0 , ₹36 | 5°13 | 15°13 | 9°21 | 4°55 | 25°21 | 27°55 | 9°48 | 27° 5 | 6°33 | 7°24 | 11°10 | 3°18 | M24 |
| T 25 | 20 14 42 | 3°49'35 | 12°41 | 7°22 | 16°20 | 10° 5 | 4°59 | 25°29 | 27°57 | 9°46 | 27° 5 | 6°27 | 7°21 | 11°17 | 3°20 | T 25 |
| W26 | 20 18 39 | 4°46'51 | 25° 0 | 9°31 | 17°27 | 10°48 | 5° 3 | 25°36 | 28° 0 | 9°44 | 27° 4 | 6°19 | 7°18 | 11°23 | 3°22 | W26 |
| T 27 | 20 22 35 | 5°44'07 | 7 궁 34 | 11°38 | 18°33 | 11°32 | 5° 8 | 25°44 | 28° 2 | 9°43 | 27° 4 | 6° 9 | 7°14 | 11°30 | 3°25 | T 27 |
| F 28 | 20 26 32 | 6°41'23 | 20°26 | 13°44 | 19°39 | 12°15 | 5°12 | 25°52 | 28° 5 | 9°41 | 27° 4 | 5°59 | 7°11 | 11°37 | 3°27 | F 28 |
| S 29 | 20 30 28 | 7°38'38 | 3≈34 | 15°48 | 20°46 | 12°58 | 5°17 | 25°59 | 28° 8 | 9°40 | 27° 3 | 5°49 | 7° 8 | 11°43 | 3°29 | S 29 |
| S 30 | 20 34 25 | 8°35'54 | 16°58 | 17°51 | 21°52 | 13°41 | 5°22 | 26° 7 | 28°10 | 9°38 | 27° 3 | 5°41 | 7° 5 | 11°50 | 3°31 | S 30 |
| M31 | 20 38 22 | 9 Ω 33'09 | 0 ∺ 36 | 19 Ω 52 | 22 m 57 | 14 Ⅱ 24 | 5 M 27 | 269915 | 28 M 13 | 9≈36 | 27 m 3 | 5 Ƴ 34 | 7 Υ 2 | 11 M 57 | 3 II 33 | M31 |

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|------|----------|-------------------|------------------|-----------------|----------------|-----------------|----------------|--------|-----------------|---------------|----------------|---------------|---------------|----------------|---------------|------|
| T 1 | 20 42 18 | 10€30'25 | 14) (25 | 21251 | 24 m/ 3 | 15 I I 7 | 5 M .33 | 269522 | 28 m /16 | 9°R35 | 27°R 3 | 5°R30 | 6 Ƴ 59 | 12 M 3 | 3 Ⅱ 35 | T 1 |
| W 2 | 20 46 15 | 11°27'40 | 28°22 | 23°49 | 25° 8 | 15°50 | 5°38 | 26°30 | 28°19 | 9 ≈ 33 | 27 M 2 | 5 Υ 28 | 6°55 | 12°10 | 3°37 | W 2 |
| T 3 | 20 50 11 | 12°24'56 | 12 Y 25 | 25°44 | 26°14 | 16°33 | 5°44 | 26°38 | 28°22 | 9°32 | 27° 2 | 5°D28 | 6°52 | 12°17 | 3°39 | T 3 |
| F 4 | 20 54 8 | 13°22'13 | 26°31 | 27°38 | 27°19 | 17°16 | 5°49 | 26°45 | 28°24 | 9°30 | 27° 2 | 5°29 | 6°49 | 12°23 | 3°41 | F 4 |
| S 5 | 20 58 4 | 14°19'30 | 10841 | 29°30 | 28°24 | 17°58 | 5°55 | 26°53 | 28°27 | 9°28 | 27° 2 | 5°R30 | 6°46 | 12°30 | 3°43 | S 5 |
| S 6 | 21 2 1 | 15°16'47 | 24°51 | 1 m) 20 | 29°28 | 18°41 | 6° 1 | 27° 0 | 28°30 | 9°27 | 27°D 2 | 5°30 | 6°43 | 12°37 | 3°45 | S 6 |
| M 7 | 21 5 57 | 16°14'05 | 9 I I 0 | 3° 8 | 0 亞 33 | 19°23 | 6° 7 | 27° 8 | 28°33 | 9°25 | 27° 2 | 5°27 | 6°40 | 12°43 | 3°46 | M 7 |
| T 8 | 21 9 54 | 17°11'24 | 23° 7 | 4°54 | 1°37 | 20° 6 | 6°14 | 27°15 | 28°36 | 9°23 | 27° 2 | 5°23 | 6°36 | 12°50 | 3°48 | T 8 |
| W 9 | 21 13 51 | 18° 8'43 | 799 9 | 6°38 | 2°41 | 20°48 | 6°20 | 27°23 | 28°39 | 9°22 | 27° 2 | 5°17 | 6°33 | 12°57 | 3°50 | W 9 |
| T 10 | 21 17 47 | 19° 6'03 | 21° 1 | 8°21 | 3°45 | 21°30 | 6°27 | 27°30 | 28°43 | 9°20 | 27° 3 | 5°10 | 6°30 | 13° 3 | 3°51 | T 10 |
| F 11 | 21 21 44 | 20° 3'23 | 4 Ω 42 | 10° 1 | 4°48 | 22°13 | 6°33 | 27°38 | 28°46 | 9°19 | 27° 3 | 5° 3 | 6°27 | 13°10 | 3°53 | F 11 |
| S 12 | 21 25 40 | 21° 0'44 | 18° 7 | 11°40 | 5°51 | 22°55 | 6°40 | 27°45 | 28°49 | 9°17 | 27° 3 | 4°56 | 6°24 | 13°17 | 3°54 | S 12 |
| S 13 | 21 29 37 | 21°58'05 | 1 m p 1 5 | 13°17 | 6°55 | 23°37 | 6°47 | 27°52 | 28°52 | 9°16 | 27° 3 | 4°50 | 6°20 | 13°23 | 3°56 | S 13 |
| M14 | 21 33 33 | 22°55'26 | 14° 6 | 14°51 | 7°57 | 24°19 | 6°54 | 28° 0 | 28°55 | 9°14 | 27° 3 | 4°46 | 6°17 | 13°30 | 3°57 | M14 |
| T 15 | 21 37 30 | 23°52'48 | 26°38 | 16°24 | 9° 0 | 25° 0 | 7° 1 | 28° 7 | 28°58 | 9°12 | 27° 4 | 4°45 | 6°14 | 13°37 | 3°58 | T 15 |
| W16 | 21 41 26 | 24°50'10 | 8 ≏ 55 | 17°56 | 10° 2 | 25°42 | 7° 9 | 28°14 | 29° 2 | 9°11 | 27° 4 | 4°D44 | 6°11 | 13°43 | 4° 0 | W16 |
| T 17 | 21 45 23 | 25°47'32 | 20°59 | 19°25 | 11° 4 | 26°24 | 7°16 | 28°21 | 29° 5 | 9° 9 | 27° 4 | 4°45 | 6° 8 | 13°50 | 4° 1 | T 17 |
| F 18 | 21 49 20 | 26°44'55 | 2M54 | 20°52 | 12° 6 | 27° 5 | 7°24 | 28°29 | 29° 8 | 9° 8 | 27° 5 | 4°47 | 6° 5 | 13°57 | 4° 2 | F 18 |
| S 19 | 21 53 16 | 27°42'18 | 14°45 | 22°17 | 13° 7 | 27°47 | 7°32 | 28°36 | 29°11 | 9° 6 | 27° 5 | 4°48 | 6° 1 | 14° 3 | 4° 3 | S 19 |
| S 20 | 21 57 13 | 28°39'41 | 26°36 | 23°40 | 14° 8 | 28°28 | 7°39 | 28°43 | 29°15 | 9° 5 | 27° 6 | 4°R49 | 5°58 | 14°10 | 4° 4 | S 20 |
| M21 | 22 1 9 | 29°37'05 | 8 . ₹32 | 25° 2 | 15° 9 | 29° 9 | 7°47 | 28°50 | 29°18 | 9° 3 | 27° 6 | 4°49 | 5°55 | 14°17 | 4° 5 | M21 |
| T 22 | 22 5 6 | 0 mg 34'29 | 20°39 | 26°21 | 16°10 | 29°51 | 7°55 | 28°57 | 29°22 | 9° 2 | 27° 7 | 4°47 | 5°52 | 14°23 | 4° 6 | T 22 |
| W23 | 22 9 2 | 1°31'54 | 3 궁 0 | 27°38 | 17°10 | 0932 | 8° 4 | 29° 4 | 29°25 | 9° 0 | 27° 7 | 4°44 | 5°49 | 14°30 | 4° 7 | W23 |
| T 24 | 22 12 59 | 2°29'20 | 15°39 | 28°53 | 18°10 | 1°13 | 8°12 | 29°11 | 29°28 | 8°59 | 27° 8 | 4°39 | 5°45 | 14°37 | 4° 8 | T 24 |
| F 25 | 22 16 55 | 3°26'46 | 28°39 | 0요 6 | 19° 9 | 1°53 | 8°20 | 29°18 | 29°32 | 8°57 | 27° 9 | 4°34 | 5°42 | 14°43 | 4° 9 | F 25 |
| S 26 | 22 20 52 | 4°24'12 | 12≈ 0 | 1°16 | 20° 8 | 2°34 | 8°29 | 29°25 | 29°35 | 8°56 | 27° 9 | 4°30 | 5°39 | 14°50 | 4° 9 | S 26 |
| S 27 | 22 24 49 | 5°21'39 | 25°41 | 2°25 | 21° 7 | 3°15 | 8°38 | 29°32 | 29°39 | 8°54 | 27°10 | 4°26 | 5°36 | 14°57 | 4°10 | S 27 |
| M28 | 22 28 45 | 6°19'07 | 9) (41 | 3°30 | 22° 5 | 3°55 | 8°46 | 29°38 | 29°42 | 8°53 | 27°11 | 4°23 | 5°33 | 15° 3 | 4°10 | M28 |
| T 29 | 22 32 42 | 7°16'36 | 23°55 | 4°34 | 23° 3 | 4°36 | 8°55 | 29°45 | 29°46 | 8°52 | 27°11 | 4°21 | 5°30 | 15°10 | 4°11 | T 29 |
| W30 | 22 36 38 | 8°14'05 | 8 Υ 18 | 5°34 | 24° 0 | 5°16 | 9° 4 | 29°52 | 29°49 | 8°50 | 27°12 | 4°D21 | 5°26 | 15°17 | 4°11 | W30 |
| T31 | 22 40 35 | 9 m)11'36 | 22 Y 45 | 6 ₽ 32 | 24 ♀ 57 | 5 9 57 | 9 M .13 | 29958 | 29 m 53 | 8 ≈ 49 | 27 M 13 | 4 Υ 21 | 5 ℃ 23 | 15 M 23 | 4 Ⅱ 12 | T 31 |

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|--------------|----------------------|----------------------------|------------------------|----------------------|-------------------------|-------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|--------------------------|-----------------------|--------------|
| F 1 | 22 44 31 | 10 m) 9'08 | 7 8 12 | 7 <u>₽</u> 27 | 25 ≙ 54 | 6937 | 9 M 22 | 0 Ω 5 | 29 m 57 | 8°R48 | 27 M 14 | 4 Υ 23 | 5 Υ 20 | 15 M .30 | 4 Ⅱ 12 | F 1 |
| S 2 | 22 48 28 | 11° 6'42 | 21°35 | 8°19 | 26°50 | 7°17 | 9°32 | 0°12 | 0 亚 0 | 8 ≈ 46 | 27°15 | 4°24 | 5°17 | 15°37 | 4°13 | S 2 |
| S 3 | 22 52 24 | 12° 4'16 | 5 II 50 | 9° 8 | 27°46 | 7°57 | 9°41 | 0°18 | 0° 4 | 8°45 | 27°16 | 4°R25 | 5°14 | 15°44 | 4°13 | S 3 |
| M 4 | 22 56 21 | 13° 1'52 | 19°56 | 9°53 | 28°41 | 8°37 | 9°51 | 0°24 | 0° 7 | 8°44 | 27°17 | 4°25 | 5°11 | 15°50 | 4°13 | M 4 |
| T 5 | 23 0 18 | 13°59'30 | 3950 | 10°35 | 29°35 | 9°16 | 10° 0 | 0°31 | 0°11 | 8°43 | 27°18 | 4°24 | 5° 7 | 15°57 | 4°13 | T 5 |
| W 6 | 23 4 14 | 14°57'09 | 17°32 | 11°13 | 0M29 | 9°56 | 10°10 | 0°37 | 0°15 | 8°41 | 27°19 | 4°22 | 5° 4 | 16° 4 | 4°13 | W 6 |
| T 7 | 23 8 11 | 15°54'49 | 10.1 | 11°48 | 1°23 | 10°36 | 10°20 | 0°43 | 0°18 | 8°40 | 27°20 | 4°20 | 5° 1 | 16°10 | 4°R13 | T 7 |
| F 8 | 23 12 7 | 16°52'31 | 14°17 | 12°18 12°44 | 2°16 3° 9 | 11°15 11°54 | 10°29 10°39 | 0°50 | 0°22 | 8°39 | 27°21 | 4°17 | 4°58 | 16°17 16°24 | 4°13 | F 8 S 9 |
| | 23 16 4 | 17°50'13 | 27°18 | | | | | 0°56 | 0°26 | 8°38 | 27°22 | 4°15 | 4°55 | - | 4°13 | ~ . |
| S 10 | 23 20 0 | 18°47'58 | 10 mg 5 | 13° 5 | 4° 0 | 12°34 | 10°49 | 1° 2 | 0°29 | 8°37 | 27°23 | 4°13 | 4°51 | 16°30 | 4°13 | S 10 |
| M11 | 23 23 57 | 19°45'43 | 22°38 | 13°22 | 4°52 | 13°13 | 11° 0 | 1° 8 | 0°33 | 8°35 | 27°24 | 4°12 | 4°48 | 16°37 | 4°13 | M11 |
| T 12 | 23 27 53 | 20°43'29 | 4 <u>Ω</u> 58 | 13°33 | 5°42 | 13°52 | 11°10 | 1°14 | 0°37 | 8°34 | 27°26 | 4°D12 | 4°45 | 16°44 | 4°12 | T 12 |
| W13 T 14 | 23 31 50 23 35 47 | 21°41'17 22°39'06 | 17° 7 29° 7 | 13°39 13°R40 | 6°32 7°21 | 14°30 15° 9 | 11°20 11°30 | 1°20 1°26 | 0°41 0°44 | 8°33 8°32 | 27°27 27°28 | 4°12 4°13 | 4°42 4°39 | 16°50 16°57 | 4°12 4°12 | W13 T 14 |
| F 15 | 23 39 43 | 22 39 06 23°36'56 | 10 M .59 | 13°35 | 8°10 | 15°48 | 11°41 | 1°32 | 0°48 | 8°31 | 27°30 | 4°14 | 4°36 | 10 37 17° 4 | 4°11 | F 15 |
| S 16 | 23 43 40 | 24°34'47 | 22°49 | 13°24 | 8°58 | 16°26 | 11°52 | 1°37 | 0°52 | 8°30 | 27°31 | 4°15 | 4°32 | 17°10 | 4°11 | S 16 |
| S 17 | 23 47 36 | 25°32'40 | 4 ₹ 139 | 13° 8 | 9°45 | 17° 4 | 12° 2 | 1°43 | 0°56 | 8°29 | 27°32 | 4°16 | 4°29 | 17°17 | 4°10 | S 17 |
| M18 | 23 51 33 | 26°30'34 | 16°35 | 12°45 | 10°31 | 17°43 | 12°13 | 1°48 | 0°59 | 8°28 | 27°34 | 4°16 | 4°26 | 17°24 | 4° 9 | M18 |
| T 19 | 23 55 29 | 27°28'29 | 28°40 | 12°16 | 11°16 | 18°21 | 12°24 | 1°54 | 1° 3 | 8°27 | 27°35 | 4°R16 | 4°23 | 17°30 | 4° 9 | T 19 |
| W20 | 23 59 26 | 28°26'25 | 11중 0 | 11°42 | 12° 1 | 18°58 | 12°35 | 1°59 | 1° 7 | 8°26 | 27°37 | 4°16 | 4°20 | 17°37 | 4°8 | W20 |
| T 21 | 0 3 22 | 29°24'22 | 23°38 | 11° 3 | 12°44 | 19°36 | 12°45 | 2° 5 | 1°11 | 8°25 | 27°38 | 4°16 | 4°17 | 17°44 | 4° 7 | T 21 |
| F 22 | 0 7 19 | 0 ≏ 22'20 | 6≈37 | 10°18 | 13°27 | 20°14 | 12°56 | 2°10 | 1°14 | 8°25 | 27°39 | 4°15 | 4°13 | 17°50 | 4° 6 | F 22 |
| S 23 | 0 11 16 | 1°20'20 | 20° 2 | 9°29 | 14° 8 | 20°51 | 13° 8 | 2°15 | 1°18 | 8°24 | 27°41 | 4°15 | 4°10 | 17°57 | 4° 6 | S 23 |
| S 24 | 0 15 12 | 2°18'21 | 3 ∺ 51 | 8°36 | 14°49 | 21°29 | 13°19 | 2°20 | 1°22 | 8°23 | 27°43 | 4°15 | 4° 7 | 18° 4 | 4° 5 | S 24 |
| M25 | 0 19 9 | 3°16'23 | 18° 4 | 7°40 | 15°28 | 22° 6 | 13°30 | 2°26 | 1°26 | 8°22 | 27°44 | 4°15 | 4° 4 | 18°10 | 4° 4 | M25 |
| T 26 | 0 23 5 | 4°14'27 | 2 Υ 36 | 6°43 | 16° 7 | 22°43 | 13°41 | 2°31 | 1°29 | 8°21 | 27°46 | 4°15 | 4° 1 | 18°17 | 4° 2 | T 26 |
| W27 | 0 27 2 | 5°12'32 | 17°22 | 5°45 | 16°44 | 23°20 | 13°53 | 2°36 | 1°33 | 8°21 | 27°47 | 4°15 | 3°57 | 18°24 | 4° 1 | W27 |
| T 28 | 0 30 58 | 6°10'39 | 2816 | 4°47 | 17°20 | 23°57 | 14° 4 | 2°40 | 1°37 | 8°20 | 27°49 | 4°15 | 3°54 | 18°31 | 4° 0 | T 28 |
| F 29 S 30 | 0 34 55 0 38 51 | 7° 8'48 8 ♀ 6'58 | 17° 8 1 Ⅲ 52 | 3°52 3 <u>₽</u> 0 | 17°54 18 M 28 | 24°34 25 © 10 | 14°15 14 M 27 | 2°45 2 Ω 50 | 1°41 1 Ω 44 | 8°19 8 ≈ 19 | 27°51 27 M 53 | 4°14 4 Ƴ 14 | 3°51 3 Ƴ 48 | 18°37 18 M L44 | 3°59 3 Ⅱ 58 | F 29 S 30 |
| 5 50 | 0 30 31 | 3== 038 | 11132 | J== 0 | 1011620 | 10ء | 141164/ | 20650 | 1==44 | 0~19 | 2/11633 | 4 14 | J 1 40 | 1011644 | 21120 | 5 50 |

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| Day | Sid.t | \odot | Ŋ | φ | φ | o ⁷ | 24 | ħ |)Й(| ¥ | 5 | P | Ω | ţ | δ | Day |
|------|---------|-------------------|-----------------|----------------|----------------|----------------|-----------------|---------------|---------------|-------|----------------|--------------|--------------|----------------|-------|------|
| S 1 | 0 42 48 | 9 쇼 5'11 | 16耳22 | 2°R12 | 19 M 0 | 259647 | 14 M .39 | 2 Q 54 | 1 ≏ 48 | 8°R18 | 27 M 54 | 4°R14 | 3 Υ45 | 18 M 51 | 3°R56 | S 1 |
| M 2 | 0 46 44 | 10° 3'26 | 0ഇ34 | 1 ₽ 30 | 19°31 | 26°23 | 14°50 | 2°59 | 1°52 | 8≈18 | 27°56 | 4Υ 13 | 3°42 | 18°57 | 3Ⅲ55 | M 2 |
| T 3 | 0 50 41 | 11° 1'42 | 14°27 | 0°54 | 20° 0 | 26°59 | 15° 2 | 3° 3 | 1°56 | 8°17 | 27°58 | 4°D13 | 3°38 | 19° 4 | 3°53 | T 3 |
| W 4 | 0 54 38 | 12° 0'01 | 27°59 | 0°26 | 20°27 | 27°35 | 15°14 | 3° 8 | 1°59 | 8°17 | 28° 0 | 4°13 | 3°35 | 19°11 | 3°52 | W 4 |
| T 5 | 0 58 34 | 12°58'22 | 11 Ω 13 | 0° 7 | 20°54 | 28°11 | 15°26 | 3°12 | 2° 3 | 8°16 | 28° 1 | 4°14 | 3°32 | 19°17 | 3°50 | T 5 |
| F 6 | 1 2 31 | 13°56'44 | 24° 9 | 29 m 56 | 21°18 | 28°46 | 15°37 | 3°16 | 2° 7 | 8°16 | 28° 3 | 4°15 | 3°29 | 19°24 | 3°49 | F 6 |
| S 7 | 1 6 27 | 14°55'09 | 6 m 50 | 29°D54 | 21°41 | 29°22 | 15°49 | 3°20 | 2°11 | 8°15 | 28° 5 | 4°16 | 3°26 | 19°31 | 3°47 | S 7 |
| S 8 | 1 10 24 | 15°53'35 | 19°18 | 0 <u>ი</u> 2 | 22° 2 | 29°57 | 16° 1 | 3°24 | 2°14 | 8°15 | 28° 7 | 4°17 | 3°23 | 19°37 | 3°46 | S 8 |
| M 9 | 1 14 20 | 16°52'03 | 1 ≏ 34 | 0°19 | 22°22 | 0Ω32 | 16°13 | 3°28 | 2°18 | 8°15 | 28° 9 | 4°R17 | 3°19 | 19°44 | 3°44 | M 9 |
| T 10 | 1 18 17 | 17°50'33 | 13°41 | 0°46 | 22°39 | 1° 7 | 16°26 | 3°32 | 2°22 | 8°14 | 28°11 | 4°17 | 3°16 | 19°51 | 3°42 | T 10 |
| W11 | 1 22 13 | 18°49'05 | 25°41 | 1°21 | 22°55 | 1°42 | 16°38 | 3°36 | 2°25 | 8°14 | 28°13 | 4°16 | 3°13 | 19°57 | 3°40 | W11 |
| T 12 | 1 26 10 | 19°47'39 | 7 M 35 | 2° 5 | 23° 8 | 2°16 | 16°50 | 3°39 | 2°29 | 8°14 | 28°15 | 4°14 | 3°10 | 20° 4 | 3°38 | T 12 |
| F 13 | 1 30 7 | 20°46'14 | 19°26 | 2°57 | 23°20 | 2°50 | 17° 2 | 3°43 | 2°32 | 8°13 | 28°17 | 4°12 | 3° 7 | 20°11 | 3°36 | F 13 |
| S 14 | 1 34 3 | 21°44'52 | 1 √ 15 | 3°57 | 23°29 | 3°25 | 17°14 | 3°46 | 2°36 | 8°13 | 28°19 | 4° 9 | 3° 3 | 20°17 | 3°34 | S 14 |
| S 15 | 1 38 0 | 22°43'31 | 13° 6 | 5° 4 | 23°36 | 3°59 | 17°27 | 3°50 | 2°40 | 8°13 | 28°21 | 4° 6 | 3° 0 | 20°24 | 3°32 | S 15 |
| M16 | 1 41 56 | 23°42'11 | 25° 1 | 6°18 | 23°42 | 4°32 | 17°39 | 3°53 | 2°43 | 8°13 | 28°23 | 4° 4 | 2°57 | 20°31 | 3°30 | M16 |
| T 17 | 1 45 53 | 24°40'54 | 7중 5 | 7°37 | 23°44 | 5° 6 | 17°52 | 3°56 | 2°47 | 8°13 | 28°25 | 4° 2 | 2°54 | 20°38 | 3°28 | T 17 |
| W18 | 1 49 49 | 25°39'38 | 19°22 | 9° 1 | 23°R45 | 5°40 | 18° 4 | 3°59 | 2°50 | 8°13 | 28°27 | 4° 1 | 2°51 | 20°44 | 3°26 | W18 |
| T 19 | 1 53 46 | 26°38'23 | 1≈55 | 10°30 | 23°43 | 6°13 | 18°16 | 4° 2 | 2°54 | 8°D13 | 28°29 | 4°D 1 | 2°48 | 20°51 | 3°24 | T 19 |
| F 20 | 1 57 42 | 27°37'10 | 14°49 | 12° 3 | 23°39 | 6°46 | 18°29 | 4° 5 | 2°57 | 8°13 | 28°32 | 4° 2 | 2°44 | 20°58 | 3°22 | F 20 |
| S 21 | 2 1 39 | 28°35'59 | 28° 7 | 13°39 | 23°32 | 7°19 | 18°42 | 4° 8 | 3° 1 | 8°13 | 28°34 | 4° 3 | 2°41 | 21° 4 | 3°19 | S 21 |
| S 22 | 2 5 36 | 29°34'49 | 11 米 53 | 15°17 | 23°23 | 7°51 | 18°54 | 4°11 | 3° 4 | 8°13 | 28°36 | 4° 4 | 2°38 | 21°11 | 3°17 | S 22 |
| M23 | 2 9 32 | 0 M .33'41 | 26° 5 | 16°58 | 23°11 | 8°24 | 19° 7 | 4°13 | 3° 8 | 8°13 | 28°38 | 4° 5 | 2°35 | 21°18 | 3°15 | M23 |
| T 24 | 2 13 29 | 1°32'35 | 10 Υ 43 | 18°41 | 22°57 | 8°56 | 19°19 | 4°16 | 3°11 | 8°13 | 28°40 | 4°R 6 | 2°32 | 21°24 | 3°12 | T 24 |
| W25 | 2 17 25 | 2°31'31 | 25°41 | 20°25 | 22°41 | 9°28 | 19°32 | 4°18 | 3°15 | 8°13 | 28°43 | 4° 4 | 2°28 | 21°31 | 3°10 | W25 |
| T 26 | 2 21 22 | 3°30'28 | 10851 | 22°10 | 22°22 | 9°59 | 19°45 | 4°20 | 3°18 | 8°14 | 28°45 | 4° 2 | 2°25 | 21°38 | 3° 7 | T 26 |
| F 27 | 2 25 18 | 4°29'28 | 26° 4 | 23°56 | 22° 2 | 10°31 | 19°58 | 4°23 | 3°21 | 8°14 | 28°47 | 3°58 | 2°22 | 21°44 | 3° 5 | F 27 |
| S 28 | 2 29 15 | 5°28'30 | 11 II 10 | 25°42 | 21°38 | 11° 2 | 20°10 | 4°25 | 3°25 | 8°14 | 28°49 | 3°53 | 2°19 | 21°51 | 3° 2 | S 28 |
| S 29 | 2 33 11 | 6°27'34 | 25°59 | 27°29 | 21°13 | 11°33 | 20°23 | 4°27 | 3°28 | 8°14 | 28°52 | 3°49 | 2°16 | 21°58 | 3° 0 | S 29 |
| M30 | 2 37 8 | 7°26'40 | 109925 | 29°15 | 20°46 | 12° 4 | 20°36 | 4°28 | 3°31 | 8°15 | 28°54 | 3°45 | 2°13 | 22° 4 | 2°57 | M30 |
| T 31 | 2 41 5 | 8 M 25'48 | 249526 | 1M 2 | 20 m 17 | 12 Ω 35 | 20 M .49 | 4Ω 30 | 3 ₾ 35 | 8≈15 | 28 M 56 | 3 Υ43 | 2 Υ 9 | 22Ml11 | 2Ⅲ55 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ [™] | 4 | ħ |)∤(| ¥ | В | 'n | ß | Ç | ę, | Day |
|------|---------|------------------|----------------|----------------|-----------------|----------------|----------------|---------------|---------------|---------------|--------------|---------------|---------------|----------------|---------------|------|
| W 1 | 2 45 1 | 9M24'59 | 7 Ω 59 | 2 M 48 | 19°R47 | 13 N 5 | 21 m 2 | 4 Ω 32 | 3 ₾ 38 | 8≈15 | 28M58 | 3°D42 | 2 Υ 6 | 22 M 18 | 2°R52 | W 1 |
| T 2 | 2 48 58 | 10°24'11 | 21° 8 | 4°34 | 19 M .14 | 13°35 | 21°14 | 4°33 | 3°41 | 8°16 | 29° 1 | 3 Υ 42 | 2° 3 | 22°25 | 2 Ⅱ 49 | T 2 |
| F 3 | 2 52 54 | 11°23'26 | 3 m 54 | 6°19 | 18°41 | 14° 5 | 21°27 | 4°35 | 3°44 | 8°16 | 29° 3 | 3°44 | 2° 0 | 22°31 | 2°47 | F 3 |
| S 4 | 2 56 51 | 12°22'43 | 16°23 | 8° 4 | 18° 6 | 14°34 | 21°40 | 4°36 | 3°48 | 8°17 | 29° 5 | 3°45 | 1°57 | 22°38 | 2°44 | S 4 |
| S 5 | 3 0 47 | 13°22'03 | 28°38 | 9°48 | 17°31 | 15° 4 | 21°53 | 4°37 | 3°51 | 8°17 | 29° 8 | 3°R46 | 1°54 | 22°45 | 2°41 | S 5 |
| M 6 | 3 4 44 | 14°21'24 | 10 ≏ 42 | 11°32 | 16°55 | 15°33 | 22° 6 | 4°38 | 3°54 | 8°18 | 29°10 | 3°46 | 1°50 | 22°51 | 2°38 | M 6 |
| T 7 | 3 8 40 | 15°20'48 | 22°39 | 13°16 | 16°18 | 16° 1 | 22°19 | 4°39 | 3°57 | 8°19 | 29°13 | 3°44 | 1°47 | 22°58 | 2°35 | T 7 |
| W 8 | 3 12 37 | 16°20'13 | 4 M J31 | 14°58 | 15°42 | 16°30 | 22°32 | 4°40 | 4° 0 | 8°19 | 29°15 | 3°40 | 1°44 | 23° 5 | 2°33 | W 8 |
| T 9 | 3 16 34 | 17°19'41 | 16°22 | 16°40 | 15° 5 | 16°58 | 22°45 | 4°41 | 4° 3 | 8°20 | 29°17 | 3°34 | 1°41 | 23°11 | 2°30 | T 9 |
| F 10 | 3 20 30 | 18°19'11 | 28°12 | 18°22 | 14°28 | 17°26 | 22°58 | 4°42 | 4° 6 | 8°21 | 29°20 | 3°26 | 1°38 | 23°18 | 2°27 | F 10 |
| S 11 | 3 24 27 | 19°18'43 | 10 × 3 | 20° 2 | 13°53 | 17°53 | 23°11 | 4°42 | 4° 9 | 8°21 | 29°22 | 3°18 | 1°34 | 23°25 | 2°24 | S 11 |
| S 12 | 3 28 23 | 20°18'16 | 21°57 | 21°43 | 13°17 | 18°21 | 23°24 | 4°43 | 4°12 | 8°22 | 29°24 | 3° 8 | 1°31 | 23°31 | 2°21 | S 12 |
| M13 | 3 32 20 | 21°17'51 | 3 ප 56 | 23°22 | 12°43 | 18°48 | 23°37 | 4°43 | 4°14 | 8°23 | 29°27 | 3° 0 | 1°28 | 23°38 | 2°18 | M13 |
| T 14 | 3 36 16 | 22°17'29 | 16° 3 | 25° 1 | 12°11 | 19°14 | 23°50 | 4°43 | 4°17 | 8°24 | 29°29 | 2°52 | 1°25 | 23°45 | 2°15 | T 14 |
| W15 | 3 40 13 | 23°17'07 | 28°20 | 26°39 | 11°39 | 19°40 | 24° 3 | 4°R43 | 4°20 | 8°25 | 29°32 | 2°47 | 1°22 | 23°52 | 2°12 | W15 |
| T 16 | 3 44 9 | 24°16'48 | 10≈51 | 28°17 | 11° 9 | 20° 6 | 24°16 | 4°43 | 4°23 | 8°26 | 29°34 | 2°44 | 1°19 | 23°58 | 2° 9 | T 16 |
| F 17 | 3 48 6 | 25°16'30 | 23°39 | 29°54 | 10°41 | 20°32 | 24°29 | 4°43 | 4°26 | 8°26 | 29°37 | 2°D43 | 1°15 | 24° 5 | 2° 6 | F 17 |
| S 18 | 3 52 3 | 26°16'14 | 6 ∺ 49 | 1 ₹ 31 | 10°15 | 20°57 | 24°42 | 4°43 | 4°28 | 8°27 | 29°39 | 2°43 | 1°12 | 24°12 | 2° 4 | S 18 |
| S 19 | 3 55 59 | 27°15'59 | 20°23 | 3° 7 | 9°51 | 21°22 | 24°55 | 4°42 | 4°31 | 8°28 | 29°41 | 2°44 | 1° 9 | 24°18 | 2° 1 | S 19 |
| M20 | 3 59 56 | 28°15'45 | 4 Υ 25 | 4°43 | 9°29 | 21°47 | 25° 8 | 4°42 | 4°34 | 8°29 | 29°44 | 2°R45 | 1° 6 | 24°25 | 1°58 | M20 |
| T 21 | 4 3 52 | 29°15'34 | 18°53 | 6°18 | 9° 9 | 22°11 | 25°21 | 4°41 | 4°36 | 8°30 | 29°46 | 2°44 | 1° 3 | 24°32 | 1°55 | T 21 |
| W22 | 4 7 49 | 0 ∡ 15'24 | 3 8 46 | 7°52 | 8°51 | 22°35 | 25°34 | 4°41 | 4°39 | 8°32 | 29°49 | 2°40 | 1° 0 | 24°38 | 1°52 | W22 |
| T 23 | 4 11 45 | 1°15'16 | 18°56 | 9°26 | 8°36 | 22°58 | 25°47 | 4°40 | 4°41 | 8°33 | 29°51 | 2°34 | 0°56 | 24°45 | 1°49 | T 23 |
| F 24 | 4 15 42 | 2°15'10 | 4 Ⅱ 16 | 11° 0 | 8°24 | 23°21 | 26° 0 | 4°39 | 4°43 | 8°34 | 29°53 | 2°26 | 0°53 | 24°52 | 1°46 | F 24 |
| S 25 | 4 19 38 | 3°15'05 | 19°32 | 12°33 | 8°14 | 23°44 | 26°14 | 4°38 | 4°46 | 8°35 | 29°56 | 2°17 | 0°50 | 24°59 | 1°43 | S 25 |
| S 26 | 4 23 35 | 4°15'03 | 4935 | 14° 6 | 8° 6 | 24° 6 | 26°26 | 4°37 | 4°48 | 8°36 | 29°58 | 2° 8 | 0°47 | 25° 5 | 1°40 | S 26 |
| M27 | 4 27 32 | 5°15'02 | 19°15 | 15°38 | 8° 1 | 24°28 | 26°39 | 4°36 | 4°51 | 8°37 | 0 才 1 | 1°59 | 0°44 | 25°12 | 1°37 | M27 |
| T 28 | 4 31 28 | 6°15'04 | 3 Ω 27 | 17°10 | 7°58 | 24°49 | 26°52 | 4°34 | 4°53 | 8°39 | 0° 3 | 1°53 | 0°40 | 25°19 | 1°34 | T 28 |
| W29 | 4 35 25 | 7°15'07 | 17° 9 | 18°42 | 7°D58 | 25°10 | 27° 5 | 4°33 | 4°55 | 8°40 | 0° 6 | 1°49 | 0°37 | 25°25 | 1°31 | W29 |
| T 30 | 4 39 21 | 8 水 15'12 | 0 m 22 | 20 × 13 | 8M 0 | 25 Ω 31 | 27 M 18 | 4 Ω 31 | 4 ≏ 57 | 8 ≈ 41 | 0 才 8 | 1 Υ 47 | 0 Υ 34 | 25 M 32 | 1 Ⅱ 28 | T 30 |

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|--------------|--------------------|-----------------------------|-------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|------------------------|----------------|----------------|---------------|--------------|
| F 1 | 4 43 18 | 9 ∡ 15'20 | 13 Mp 8 | 21 × 744 | 8 M 5 | 25 Ω 51 | 27 M 31 | 4°R30 | 4 Ω 59 | 8 ≈ 43 | 0 才 10 | 1°D47 | 0 Υ 31 | 25 M 39 | 1°R25 | F 1 |
| S 2 | 4 47 14 | 10°15'29 | 25°34 | 23°15 | 8°12 | 26°10 | 27°44 | 4Ω 28 | 5° 1 | 8°44 | 0°13 | 1°R47 | 0°28 | 25°45 | 1 Ⅲ 22 | S 2 |
| S 3 | 4 51 11 | 11°15'41 | 7 ≙ 43 | 24°45 | 8°21 | 26°29 | 27°57 | 4°26 | 5° 3 | 8°45 | 0°15 | 1 Ƴ 47 | 0°25 | 25°52 | 1°19 | S 3 |
| M 4 | 4 55 7 | 12°15'54 | 19°41 | 26°14 | 8°32 | 26°48 | 28°10 | 4°24 | 5° 5 | 8°47 | 0°18 | 1°45 | 0°21 | 25°59 | 1°16 | M 4 |
| T 5 W 6 | 4 59 4 5 3 1 | 13°16'09 14°16'26 | 1 M .33 13°22 | 27°44 29°13 | 8°46 9° 2 | 27° 6 27°24 | 28°23 28°36 | 4°22 4°20 | 5° 7 5° 9 | 8°48 8°50 | 0°20 0°22 | 1°41 1°35 | 0°18 0°15 | 26° 6 26°12 | 1°13 1°10 | T 5 W 6 |
| T 7 | 5 6 57 | 15°16'45 | 25°11 | 29 13 0 정 41 | 9°20 | 27°41 | 28°48 | 4°17 | 5°11 | 8°51 | 0°25 | 1°25 | 0°13 | 26°12 | 1°7 | T 7 |
| F 8 | 5 10 54 | 16°17'06 | 7 ×7 3 | 2° 9 | 9°39 | 27°58 | 29° 1 | 4°15 | 5°13 | 8°53 | 0°27 | 1°13 | 0° 9 | 26°26 | 1° 4 | F 8 |
| S 9 | 5 14 50 | 17°17'28 | 18°59 | 3°37 | 10° 1 | 28°14 | 29°14 | 4°12 | 5°15 | 8°54 | 0°29 | 0°59 | 0° 6 | 26°32 | 1° 1 | S 9 |
| S 10 | 5 18 47 | 18°17'52 | 1ਰ 1 | 5° 4 | 10°24 | 28°29 | 29°27 | 4°10 | 5°16 | 8°56 | 0°32 | 0°44 | 0° 2 | 26°39 | 0°59 | S 10 |
| M11 | 5 22 43 | 19°18'17 | 13°10 | 6°30 | 10°50 | 28°44 | 29°39 | 4° 7 | 5°18 | 8°57 | 0°34 | 0°30 | 29 米 59 | 26°46 | 0°56 | M11 |
| T 12 | 5 26 40 | 20°18'44 | 25°25 | 7°56 | 11°17 | 28°59 | 29°52 | 4° 4 | 5°20 | 8°59 | 0°36 | 0°18 | 29°56 | 26°52 | 0°53 | T 12 |
| W13 | 5 30 37 | 21°19'12 | 7 ≈ 51 | 9°21 | 11°45 | 29°12 | 0 × 7 5 | 4° 2 | 5°21 | 9° 1 | 0°39 | 0° 9 | 29°53 | 26°59 | 0°50 | W13 |
| T 14 F 15 | 5 34 33 5 38 30 | 22°19'42 23°20'12 | 20°27 3 ∺ 17 | 10°45 12° 9 | 12°16 12°47 | 29°25 29°38 | 0°17 0°30 | 3°59 3°56 | 5°23 5°24 | 9° 2 9° 4 | 0°41 0°43 | 0° 3 29 ¥ 59 | 29°50 29°46 | 27° 6 27°13 | 0°48 0°45 | T 14 F 15 |
| S 16 | 5 42 26 | 24°20'44 | 16°23 | 13°31 | 13°21 | 29°50 | 0°42 | 3°52 | 5°25 | 9° 6 | 0°46 | 29°58 | 29°43 | 27°19 | 0°42 | S 16 |
| S 17 | 5 46 23 | 25°21'17 | 29°49 | 14°53 | 13°55 | 0 mp 1 | 0°55 | 3°49 | 5°27 | 9° 8 | 0°48 | 29°58 | 29°40 | 27°26 | 0°39 | S 17 |
| M18 | 5 50 19 | 26°21'50 | 13Υ38 | 16°13 | 14°32 | 0°12 | 1° 7 | 3°46 | 5°28 | 9° 9 | 0°50 | 29°58 | 29°37 | 27°33 | 0°37 | M18 |
| T 19 | 5 54 16 | 27°22'25 | 27°50 | 17°31 | 15° 9 | 0°22 | 1°20 | 3°42 | 5°29 | 9°11 | 0°52 | 29°56 | 29°34 | 27°39 | 0°34 | T 19 |
| W20 | 5 58 12 | 28°23'01 | 12825 | 18°48 | 15°48 | 0°32 | 1°32 | 3°39 | 5°30 | 9°13 | 0°55 | 29°52 | 29°31 | 27°46 | 0°32 | W20 |
| T 21 | 6 2 9 | 29°23'39 | 27°20 | 20° 4 | 16°28 | 0°40 | 1°44 | 3°35 | 5°32 | 9°15 | 0°57 | 29°44 | 29°27 | 27°53 | 0°29 | T 21 |
| F 22 S 23 | 6 6 6 6 10 2 | 0 る 24'17 1°24'56 | 12 Ⅲ 26 27°35 | 21°17 22°27 | 17° 9 17°51 | 0°48 0°56 | 1°56 2° 9 | 3°32 3°28 | 5°33 5°34 | 9°17 9°19 | 0°59 1° 1 | 29°35 29°23 | 29°24 29°21 | 27°59 28° 6 | 0°27 0°24 | F 22 S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 M25 | 6 13 59 6 17 55 | 2°25'37 3°26'19 | 12 © 35 27°18 | 23°35 24°39 | 18°34 19°19 | 1° 2 1° 8 | 2°21 2°33 | 3°24 3°20 | 5°35 5°36 | 9°20 9°22 | 1° 3 1° 5 | 29°11 29° 0 | 29°18 29°15 | 28°13 28°20 | 0°22 0°19 | S 24 M25 |
| T 26 | 6 21 52 | 4°27'02 | $11\Omega_{36}$ | 25°40 | 20° 4 | 1°13 | 2°45 | 3°16 | 5°36 | 9°24 | 1° 8 | 28°52 | 29°12 | 28°26 | 0°17 | T 26 |
| W27 | 6 25 48 | 5°27'47 | 25°25 | 26°36 | 20°51 | 1°18 | 2°57 | 3°12 | 5°37 | 9°26 | 1°10 | 28°45 | 29° 8 | 28°33 | 0°15 | W27 |
| T 28 | 6 29 45 | 6°28'33 | 8 m 44 | 27°28 | 21°38 | 1°22 | 3° 9 | 3° 8 | 5°38 | 9°28 | 1°12 | 28°42 | 29° 5 | 28°40 | 0°12 | T 28 |
| F 29 | 6 33 42 | 7°29'20 | 21°36 | 28°14 | 22°27 | 1°25 | 3°21 | 3° 4 | 5°39 | 9°30 | 1°14 | 28°41 | 29° 2 | 28°46 | 0°10 | F 29 |
| S 30 | 6 37 38 | 8°30'08 | 4 º 5 | 28°54 | 23°16 | 1°27 | 3°33 | 3° 0 | 5°39 | 9°32 | 1°16 | 28°41 | 28°59 | 28°53 | 0° 8 | S 30 |
| S 31 | 6 41 35 | 9 ට 30'58 | 16 ≏ 16 | 29 궁 26 | 24 M 6 | 1 m 28 | 3 ₹ 44 | 2 Ω 56 | 5 ≙ 40 | 9≈34 | 1 √ 18 | 28) (41 | 28 米 56 | 29 TL 0 | 0 I 6 | S 31 |

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|------|---------|----------|----------------|----------------|----------------|-----------------------|----------------|---------------|---------------|-------|---------------|----------------|----------------|---------------|----------------|------|
| M 1 | 6 45 31 | 10る31'49 | 28₽15 | 29 궁 51 | 24M57 | 1°R29 | 3 ∡ 756 | 2°R51 | 5 ≙ 40 | 9≈36 | 1 √ 20 | 28°R39 | 28 米 52 | 29M 6 | 0°R 4 | M 1 |
| T 2 | 6 49 28 | 11°32'41 | 10 M 6 | 0≈ 7 | 25°48 | 1 m) 28 | 4° 8 | $2\Omega 47$ | 5°41 | 9°38 | 1°22 | 28 米 36 | 28°49 | 29°13 | 0 I I 2 | T 2 |
| W 3 | 6 53 24 | 12°33'34 | 21°55 | 0°R13 | 26°41 | 1°27 | 4°19 | 2°42 | 5°41 | 9°40 | 1°24 | 28°30 | 28°46 | 29°20 | 29 8 59 | W 3 |
| T 4 | 6 57 21 | 13°34'29 | 3 ∡ 745 | 0° 9 | 27°34 | 1°26 | 4°31 | 2°38 | 5°42 | 9°42 | 1°26 | 28°21 | 28°43 | 29°27 | 29°58 | T 4 |
| F 5 | 7 1 17 | 14°35'24 | 15°41 | 29 궁 54 | 28°27 | 1°23 | 4°42 | 2°33 | 5°42 | 9°45 | 1°28 | 28° 9 | 28°40 | 29°33 | 29°56 | F 5 |
| S 6 | 7 5 14 | 15°36'21 | 27°44 | 29°27 | 29°22 | 1°19 | 4°54 | 2°29 | 5°42 | 9°47 | 1°30 | 27°56 | 28°37 | 29°40 | 29°54 | S 6 |
| S 7 | 7 9 1 1 | 16°37'19 | 9 ප 55 | 28°49 | 0 ∡ 17 | 1°15 | 5° 5 | 2°24 | 5°42 | 9°49 | 1°32 | 27°42 | 28°33 | 29°47 | 29°52 | S 7 |
| M 8 | 7 13 7 | 17°38'17 | 22°17 | 27°59 | 1°13 | 1°10 | 5°16 | 2°19 | 5°42 | 9°51 | 1°33 | 27°29 | 28°30 | 29°53 | 29°50 | M 8 |
| T 9 | 7 17 4 | 18°39'16 | 4≈48 | 26°59 | 2° 9 | 1° 4 | 5°27 | 2°15 | 5°42 | 9°53 | 1°35 | 27°17 | 28°27 | 0 ∡ 0 | 29°48 | T 9 |
| W10 | 7 21 0 | 19°40'15 | 17°29 | 25°50 | 3° 6 | 0°57 | 5°39 | 2°10 | 5°R42 | 9°55 | 1°37 | 27° 8 | 28°24 | 0° 7 | 29°47 | W10 |
| T 11 | 7 24 57 | 20°41'15 | 0 ∺ 21 | 24°34 | 4° 3 | 0°49 | 5°50 | 2° 5 | 5°42 | 9°57 | 1°39 | 27° 2 | 28°21 | 0°14 | 29°45 | T 11 |
| F 12 | 7 28 53 | 21°42'16 | 13°24 | 23°13 | 5° 1 | 0°40 | 6° 1 | 2° 0 | 5°42 | 10° 0 | 1°41 | 26°59 | 28°18 | 0°20 | 29°44 | F 12 |
| S 13 | 7 32 50 | 22°43'16 | 26°39 | 21°50 | 5°59 | 0°31 | 6°11 | 1°56 | 5°42 | 10° 2 | 1°42 | 26°D58 | 28°14 | 0°27 | 29°42 | S 13 |
| S 14 | 7 36 46 | 23°44'17 | 10 Υ 9 | 20°28 | 6°58 | 0°20 | 6°22 | 1°51 | 5°42 | 10° 4 | 1°44 | 26°59 | 28°11 | 0°34 | 29°41 | S 14 |
| M15 | 7 40 43 | 24°45'18 | 23°53 | 19°10 | 7°58 | 0° 9 | 6°33 | 1°46 | 5°42 | 10° 6 | 1°46 | 26°R59 | 28° 8 | 0°40 | 29°39 | M15 |
| T 16 | 7 44 40 | 25°46'20 | 7 8 54 | 17°57 | 8°57 | 29 \Omega 57 | 6°43 | 1°41 | 5°41 | 10° 8 | 1°47 | 26°58 | 28° 5 | 0°47 | 29°38 | T 16 |
| W17 | 7 48 36 | 26°47'22 | 22°11 | 16°52 | 9°58 | 29°45 | 6°54 | 1°36 | 5°41 | 10°11 | 1°49 | 26°56 | 28° 2 | 0°54 | 29°37 | W17 |
| T 18 | 7 52 33 | 27°48'23 | 6 Ⅱ 42 | 15°56 | 10°58 | 29°31 | 7° 4 | 1°31 | 5°40 | 10°13 | 1°50 | 26°51 | 27°58 | 1° 0 | 29°35 | T 18 |
| F 19 | 7 56 29 | 28°49'25 | 21°23 | 15°11 | 11°59 | 29°17 | 7°15 | 1°26 | 5°40 | 10°15 | 1°52 | 26°43 | 27°55 | 1° 7 | 29°34 | F 19 |
| S 20 | 8 0 26 | 29°50'27 | 6 9 7 | 14°36 | 13° 1 | 29° 2 | 7°25 | 1°21 | 5°39 | 10°17 | 1°54 | 26°34 | 27°52 | 1°14 | 29°33 | S 20 |
| S 21 | 8 4 22 | 0≈51'30 | 20°48 | 14°11 | 14° 3 | 28°46 | 7°35 | 1°16 | 5°39 | 10°19 | 1°55 | 26°25 | 27°49 | 1°21 | 29°32 | S 21 |
| M22 | 8 8 19 | 1°52'32 | 5 Ω 16 | 13°57 | 15° 5 | 28°29 | 7°45 | 1°11 | 5°38 | 10°22 | 1°57 | 26°16 | 27°46 | 1°27 | 29°31 | M22 |
| T 23 | 8 12 16 | 2°53'35 | 19°25 | 13°D53 | 16° 8 | 28°12 | 7°55 | 1° 6 | 5°37 | 10°24 | 1°58 | 26° 9 | 27°43 | 1°34 | 29°30 | T 23 |
| W24 | 8 16 12 | 3°54'38 | 3 m 11 | 13°58 | 17°11 | 27°54 | 8° 5 | 1° 2 | 5°37 | 10°26 | 1°59 | 26° 4 | 27°39 | 1°41 | 29°29 | W24 |
| T 25 | 8 20 9 | 4°55'41 | 16°31 | 14°11 | 18°14 | 27°36 | 8°15 | 0°57 | 5°36 | 10°28 | 2° 1 | 26° 2 | 27°36 | 1°47 | 29°28 | T 25 |
| F 26 | 8 24 5 | 5°56'44 | 29°27 | 14°33 | 19°18 | 27°16 | 8°24 | 0°52 | 5°35 | 10°31 | 2° 2 | 26°D 1 | 27°33 | 1°54 | 29°27 | F 26 |
| S 27 | 8 28 2 | 6°57'48 | 12 ♀ 0 | 15° 1 | 20°21 | 26°57 | 8°34 | 0°47 | 5°34 | 10°33 | 2° 3 | 26° 2 | 27°30 | 2° 1 | 29°27 | S 27 |
| S 28 | 8 31 58 | 7°58'52 | 24°16 | 15°36 | 21°26 | 26°36 | 8°43 | 0°42 | 5°33 | 10°35 | 2° 5 | 26° 4 | 27°27 | 2° 8 | 29°26 | S 28 |
| M29 | 8 35 55 | 8°59'56 | 6 M .17 | 16°16 | 22°30 | 26°15 | 8°53 | 0°37 | 5°32 | 10°38 | 2° 6 | 26°R 5 | 27°24 | 2°14 | 29°25 | M29 |
| T 30 | 8 39 51 | 10° 1'01 | 18°11 | 17° 1 | 23°35 | 25°54 | 9° 2 | 0°32 | 5°31 | 10°40 | 2° 7 | 26° 4 | 27°20 | 2°21 | 29°25 | T 30 |
| W31 | 8 43 48 | 11≈ 2'06 | 0 x 1 | 17 る 51 | 24 ₹ 40 | 25 Ω 32 | 9 √ 11 | 0 Ω 27 | 5 ₽ 30 | 10≈42 | 2 √ 8 | 26 米 2 | 27 米 17 | 2 ₹ 28 | 29 8 24 | W31 |

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|------|----------|-------------------|-----------------|----------------|-----------------|----------------|----------------|--------------|---------------|-------|---------------|----------------|----------------|---------------|----------------|------|
| T 1 | 8 47 45 | 12≈ 3'11 | 11 ×7 54 | 18 ට 45 | 25 × 746 | 25°R10 | 9 ∡ 120 | 0°R22 | 5°R28 | 10≈44 | 2 √ 10 | 25°R58 | 27) 14 | 2 ₹ 34 | 29°R24 | T 1 |
| F 2 | 8 51 41 | 13° 4'16 | 23°52 | 19°43 | 26°51 | 24 Ω 47 | 9°29 | 0Ω 18 | 5 ≙ 27 | 10°47 | 2°11 | 25 米 52 | 27°11 | 2°41 | 29824 | F 2 |
| S 3 | 8 55 38 | 14° 5'22 | 6 ප 0 | 20°44 | 27°57 | 24°24 | 9°38 | 0°13 | 5°26 | 10°49 | 2°12 | 25°44 | 27° 8 | 2°48 | 29°23 | S 3 |
| S 4 | 8 59 34 | 15° 6'27 | 18°20 | 21°48 | 29° 3 | 24° 1 | 9°46 | 0° 8 | 5°25 | 10°51 | 2°13 | 25°37 | 27° 5 | 2°55 | 29°23 | S 4 |
| M 5 | 9 3 31 | 16° 7'32 | 0≈54 | 22°55 | 0 궁 9 | 23°37 | 9°55 | 0° 4 | 5°23 | 10°53 | 2°14 | 25°29 | 27° 1 | 3° 1 | 29°23 | M 5 |
| T 6 | 9 7 27 | 17° 8'37 | 13°42 | 24° 3 | 1°16 | 23°13 | 10° 3 | 299559 | 5°22 | 10°56 | 2°15 | 25°22 | 26°58 | 3° 8 | 29°23 | T 6 |
| W 7 | 9 11 24 | 18° 9'41 | 26°43 | 25°14 | 2°23 | 22°49 | 10°12 | 29°54 | 5°20 | 10°58 | 2°16 | 25°17 | 26°55 | 3°15 | 29°D23 | W 7 |
| T 8 | 9 15 20 | 19°10'45 | 9) (58 | 26°27 | 3°30 | 22°25 | 10°20 | 29°50 | 5°19 | 11° 0 | 2°17 | 25°14 | 26°52 | 3°21 | 29°23 | T 8 |
| F 9 | 9 19 17 | 20°11'49 | 23°25 | 27°42 | 4°37 | 22° 1 | 10°28 | 29°45 | 5°17 | 11° 2 | 2°18 | 25°D13 | 26°49 | 3°28 | 29°23 | F 9 |
| S 10 | 9 23 14 | 21°12'52 | 7 Υ 2 | 28°58 | 5°44 | 21°37 | 10°36 | 29°41 | 5°16 | 11° 5 | 2°19 | 25°14 | 26°45 | 3°35 | 29°23 | S 10 |
| S 11 | 9 27 10 | 22°13'54 | 20°48 | 0≈16 | 6°52 | 21°13 | 10°44 | 29°37 | 5°14 | 11° 7 | 2°19 | 25°15 | 26°42 | 3°42 | 29°23 | S 11 |
| M12 | 9 31 7 | 23°14'56 | 4843 | 1°35 | 8° 0 | 20°49 | 10°51 | 29°32 | 5°12 | 11° 9 | 2°20 | 25°17 | 26°39 | 3°48 | 29°24 | M12 |
| T 13 | 9 35 3 | 24°15'56 | 18°46 | 2°55 | 9° 7 | 20°26 | 10°59 | 29°28 | 5°10 | 11°11 | 2°21 | 25°R18 | 26°36 | 3°55 | 29°24 | T 13 |
| W14 | 9 39 0 | 25°16'56 | 2 II 55 | 4°16 | 10°15 | 20° 2 | 11° 6 | 29°24 | 5° 9 | 11°14 | 2°22 | 25°18 | 26°33 | 4° 2 | 29°24 | W14 |
| T 15 | 9 42 56 | 26°17'56 | 17°10 | 5°39 | 11°24 | 19°39 | 11°13 | 29°20 | 5° 7 | 11°16 | 2°22 | 25°16 | 26°30 | 4° 8 | 29°25 | T 15 |
| F 16 | 9 46 53 | 27°18'54 | 19526 | 7° 2 | 12°32 | 19°16 | 11°20 | 29°16 | 5° 5 | 11°18 | 2°23 | 25°13 | 26°26 | 4°15 | 29°25 | F 16 |
| S 17 | 9 50 49 | 28°19'51 | 15°41 | 8°26 | 13°41 | 18°53 | 11°27 | 29°12 | 5° 3 | 11°20 | 2°24 | 25°10 | 26°23 | 4°22 | 29°26 | S 17 |
| S 18 | 9 54 46 | 29°20'47 | 29°51 | 9°52 | 14°49 | 18°31 | 11°34 | 29° 8 | 5° 1 | 11°22 | 2°24 | 25° 6 | 26°20 | 4°29 | 29°26 | S 18 |
| M19 | 9 58 43 | 0) (21'43 | 13 Ω 51 | 11°18 | 15°58 | 18° 9 | 11°41 | 29° 4 | 4°59 | 11°25 | 2°25 | 25° 2 | 26°17 | 4°35 | 29°27 | M19 |
| T 20 | 10 2 39 | 1°22'37 | 27°38 | 12°45 | 17° 7 | 17°48 | 11°47 | 29° 0 | 4°57 | 11°27 | 2°25 | 24°59 | 26°14 | 4°42 | 29°28 | T 20 |
| W21 | 10 6 36 | 2°23'31 | 11 Mp 7 | 14°13 | 18°16 | 17°27 | 11°54 | 28°56 | 4°55 | 11°29 | 2°26 | 24°57 | 26°10 | 4°49 | 29°29 | W21 |
| T 22 | 10 10 32 | 3°24'23 | 24°17 | 15°41 | 19°25 | 17° 6 | 12° 0 | 28°53 | 4°53 | 11°31 | 2°26 | 24°D56 | 26° 7 | 4°55 | 29°30 | T 22 |
| F 23 | 10 14 29 | 4°25'15 | 7 ♀ 8 | 17°11 | 20°35 | 16°46 | 12° 6 | 28°49 | 4°51 | 11°33 | 2°26 | 24°57 | 26° 4 | 5° 2 | 29°30 | F 23 |
| S 24 | 10 18 25 | 5°26'07 | 19°41 | 18°41 | 21°44 | 16°27 | 12°12 | 28°46 | 4°49 | 11°35 | 2°27 | 24°58 | 26° 1 | 5° 9 | 29°31 | S 24 |
| S 25 | 10 22 22 | 6°26'57 | 1 M .58 | 20°12 | 22°54 | 16° 8 | 12°18 | 28°42 | 4°47 | 11°38 | 2°27 | 25° 0 | 25°58 | 5°15 | 29°33 | S 25 |
| M26 | 10 26 18 | 7°27'47 | 14° 2 | 21°43 | 24° 4 | 15°50 | 12°23 | 28°39 | 4°44 | 11°40 | 2°27 | 25° 1 | 25°55 | 5°22 | 29°34 | M26 |
| T 27 | 10 30 15 | 8°28'36 | 25°58 | 23°16 | 25°14 | 15°33 | 12°29 | 28°36 | 4°42 | 11°42 | 2°28 | 25° 2 | 25°51 | 5°29 | 29°35 | T 27 |
| W28 | 10 34 12 | 9 ∺ 29'25 | 7 . ₹50 | 24≈49 | 26 궁 24 | 15 Ω 16 | 12 × 34 | 28933 | 4 ₽ 40 | 11≈44 | 2 ₹ 28 | 25°R 3 | 25) 48 | 5 ₹ 36 | 29 8 36 | W28 |

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|------|----------|---------------------|-----------------|----------------|----------------|----------------|----------------|--------|---------------|----------------|----------------|-----------------|----------------|-----------------|----------------|------|
| T 1 | 10 38 8 | 10) € 30′12 | 19 .7 44 | 26≈23 | 27 궁 34 | 15°R 0 | 12 × 39 | 28°R30 | 4°R38 | 11≈46 | 2 ₹ 28 | 25°R 2 | 25) 45 | 5 ₹ 42 | 29 8 37 | T 1 |
| F 2 | 10 42 5 | 11°30'59 | 1 石 43 | 27°58 | 28°44 | 14 Ω 44 | 12°44 | 289527 | 4 ₽ 35 | 11°48 | 2°28 | 25) 1 | 25°42 | 5°49 | 29°39 | F 2 |
| S 3 | 10 46 1 | 12°31'45 | 13°52 | 29°33 | 29°54 | 14°30 | 12°49 | 28°24 | 4°33 | 11°50 | 2°28 | 25° 0 | 25°39 | 5°56 | 29°40 | S 3 |
| S 4 | 10 49 58 | 13°32'30 | 26°15 | 1) 10 | 1≈ 5 | 14°16 | 12°54 | 28°21 | 4°31 | 11°52 | 2°28 | 24°58 | 25°36 | 6° 2 | 29°42 | S 4 |
| M 5 | 10 53 54 | 14°33'14 | 8≈56 | 2°47 | 2°15 | 14° 3 | 12°58 | 28°18 | 4°28 | 11°54 | 2°R28 | 24°57 | 25°32 | 6° 9 | 29°43 | M 5 |
| T 6 | 10 57 51 | 15°33'57 | 21°55 | 4°24 | 3°26 | 13°51 | 13° 2 | 28°16 | 4°26 | 11°56 | 2°28 | 24°55 | 25°29 | 6°16 | 29°45 | T 6 |
| W 7 | 11 147 | 16°34'39 | 5) 14 | 6° 3 | 4°36 | 13°39 | 13° 7 | 28°13 | 4°23 | 11°58 | 2°28 | 24°55 | 25°26 | 6°23 | 29°46 | W 7 |
| T 8 | 11 5 44 | 17°35'19 | 18°50 | 7°43 | 5°47 | 13°28 | 13°11 | 28°11 | 4°21 | 12° 0 | 2°28 | 24°D54 | 25°23 | 6°29 | 29°48 | T 8 |
| F 9 | 11 9 40 | 18°35'59 | 2 Υ 44 | 9°23 | 6°58 | 13°18 | 13°14 | 28° 9 | 4°18 | 12° 2 | 2°28 | 24°54 | 25°20 | 6°36 | 29°50 | F 9 |
| S 10 | 11 13 37 | 19°36'36 | 16°49 | 11° 4 | 8° 9 | 13° 9 | 13°18 | 28° 7 | 4°16 | 12° 4 | 2°28 | 24°55 | 25°16 | 6°43 | 29°52 | S 10 |
| S 11 | 11 17 34 | 20°37'13 | 1 8 4 | 12°46 | 9°20 | 13° 1 | 13°21 | 28° 4 | 4°13 | 12° 5 | 2°28 | 24°55 | 25°13 | 6°49 | 29°53 | S 11 |
| M12 | 11 21 30 | 21°37'48 | 15°23 | 14°29 | 10°31 | 12°53 | 13°25 | 28° 3 | 4°11 | 12° 7 | 2°28 | 24°55 | 25°10 | 6°56 | 29°55 | M12 |
| T 13 | 11 25 27 | 22°38'21 | 29°42 | 16°13 | 11°42 | 12°47 | 13°28 | 28° 1 | 4° 8 | 12° 9 | 2°27 | 24°56 | 25° 7 | 7° 3 | 29°57 | T 13 |
| W14 | 11 29 23 | 23°38'53 | 13耳59 | 17°58 | 12°53 | 12°41 | 13°31 | 27°59 | 4° 6 | 12°11 | 2°27 | 24°56 | 25° 4 | 7°10 | 29°59 | W14 |
| T 15 | 11 33 20 | 24°39'23 | 28°10 | 19°44 | 14° 5 | 12°36 | 13°33 | 27°57 | 4° 3 | 12°13 | 2°27 | 24°56 | 25° 1 | 7°16 | 0耳 1 | T 15 |
| F 16 | 11 37 16 | 25°39'51 | 129513 | 21°30 | 15°16 | 12°31 | 13°36 | 27°56 | 4° 0 | 12°15 | 2°26 | 24°56 | 24°57 | 7°23 | 0° 4 | F 16 |
| S 17 | 11 41 13 | 26°40'17 | 26° 6 | 23°18 | 16°27 | 12°28 | 13°38 | 27°54 | 3°58 | 12°16 | 2°26 | 24°56 | 24°54 | 7°30 | 0° 6 | S 17 |
| S 18 | 11 45 9 | 27°40'42 | 9 Ω 49 | 25° 6 | 17°39 | 12°25 | 13°41 | 27°53 | 3°55 | 12°18 | 2°25 | 24°56 | 24°51 | 7°37 | 0° 8 | S 18 |
| M19 | 11 49 6 | 28°41'04 | 23°20 | 26°56 | 18°50 | 12°23 | 13°43 | 27°52 | 3°53 | 12°20 | 2°25 | 24°56 | 24°48 | 7°43 | 0°10 | M19 |
| T 20 | 11 53 3 | 29°41'25 | 6 m 39 | 28°46 | 20° 2 | 12°22 | 13°44 | 27°51 | 3°50 | 12°22 | 2°25 | 24°57 | 24°45 | 7°50 | 0°12 | T 20 |
| W21 | 11 56 59 | 0 Ƴ 41'44 | 19°44 | 0 Ƴ 37 | 21°14 | 12°D21 | 13°46 | 27°50 | 3°47 | 12°23 | 2°24 | 24°R57 | 24°42 | 7°57 | 0°15 | W21 |
| T 22 | 12 0 56 | 1°42'02 | 2 ≏ 35 | 2°29 | 22°25 | 12°22 | 13°47 | 27°49 | 3°45 | 12°25 | 2°23 | 24°57 | 24°38 | 8° 3 | 0°17 | T 22 |
| F 23 | 12 4 52 | 2°42'18 | 15°13 | 4°22 | 23°37 | 12°23 | 13°49 | 27°48 | 3°42 | 12°26 | 2°23 | 24°57 | 24°35 | 8°10 | 0°20 | F 23 |
| S 24 | 12 8 49 | 3°42'32 | 27°38 | 6°16 | 24°49 | 12°24 | 13°50 | 27°48 | 3°40 | 12°28 | 2°22 | 24°56 | 24°32 | 8°17 | 0°22 | S 24 |
| S 25 | 12 12 45 | 4°42'45 | 9 M 51 | 8°10 | 26° 1 | 12°27 | 13°51 | 27°47 | 3°37 | 12°30 | 2°22 | 24°54 | 24°29 | 8°24 | 0°25 | S 25 |
| M26 | 12 16 42 | 5°42'56 | 21°54 | 10° 5 | 27°13 | 12°30 | 13°51 | 27°47 | 3°34 | 12°31 | 2°21 | 24°53 | 24°26 | 8°30 | 0°27 | M26 |
| T 27 | 12 20 38 | 6°43'06 | 3 ∡ 750 | 12° 1 | 28°25 | 12°34 | 13°52 | 27°46 | 3°32 | 12°33 | 2°20 | 24°51 | 24°22 | 8°37 | 0°30 | T 27 |
| W28 | 12 24 35 | 7°43'15 | 15°43 | 13°57 | 29°37 | 12°38 | 13°52 | 27°46 | 3°29 | 12°34 | 2°19 | 24°50 | 24°19 | 8°44 | 0°33 | W28 |
| T 29 | 12 28 32 | 8°43'22 | 27°36 | 15°53 | 0) €49 | 12°43 | 13°R52 | 27°D46 | 3°26 | 12°36 | 2°19 | 24°49 | 24°16 | 8°50 | 0°35 | T 29 |
| F 30 | 12 32 28 | 9°43'27 | 9 る 33 | 17°49 | 2° 1 | 12°49 | 13°52 | 27°46 | 3°24 | 12°37 | 2°18 | 24°D48 | 24°13 | 8°57 | 0°38 | F 30 |
| S 31 | 12 36 25 | 10 ° 43'31 | 21 궁 41 | 19 Ƴ 45 | 3 ∺ 13 | 12 Q 56 | 13 × 52 | 279546 | 3 ≏ 21 | 12 ≈ 39 | 2 ,7 17 | 24) (49 | 24 米 10 | 9 ,₹ 1 4 | 0 Ⅱ 41 | S 31 |

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| S 1 | 12 40 21 | 11 ° 43'34 | 4≈ 2 | 21 Y 40 | 4) 25 | 13 Ω 3 | 13°R52 | 279546 | 3°R19 | 12≈40 | 2°R16 | 24) (50 | 24) 7 | 9 .7 11 | 0∏44 | S 1 |
| M 2 | 12 44 18 | 12°43'34 | 16°42 | 23°35 | 5°38 | 13°10 | 13 × 51 | 27°47 | 3 ≏ 16 | 12°41 | 2 ₹ 15 | 24°51 | 24° 3 | 9°17 | 0°47 | M 2 |
| T 3 | 12 48 14 | 13°43'34 | 29°44 | 25°29 | 6°50 | 13°19 | 13°50 | 27°47 | 3°14 | 12°43 | 2°14 | 24°53 | 24° 0 | 9°24 | 0°50 | T 3 |
| W 4 | 12 52 11 | 14°43'31 | 13 米 10 | 27°21 | 8° 2 | 13°28 | 13°49 | 27°48 | 3°11 | 12°44 | 2°13 | 24°54 | 23°57 | 9°31 | 0°53 | W 4 |
| T 5 | 12 56 7 | 15°43'27 | 27° 0 | 29°11 | 9°15 | 13°37 | 13°48 | 27°49 | 3° 8 | 12°45 | 2°12 | 24°R54 | 23°54 | 9°37 | 0°56 | T 5 |
| F 6 | 13 0 4 | 16°43'21 | 11 Y 12 | 0 8 59 | 10°27 | 13°47 | 13°47 | 27°49 | 3° 6 | 12°46 | 2°11 | 24°53 | 23°51 | 9°44 | 0°59 | F 6 |
| S 7 | 13 4 1 | 17°43'14 | 25°43 | 2°45 | 11°39 | 13°58 | 13°45 | 27°50 | 3° 3 | 12°48 | 2°10 | 24°51 | 23°47 | 9°51 | 1° 2 | S 7 |
| S 8 | 13 7 57 | 18°43'04 | 10826 | 4°27 | 12°52 | 14° 9 | 13°44 | 27°51 | 3° 1 | 12°49 | 2° 9 | 24°48 | 23°44 | 9°58 | 1° 5 | S 8 |
| M 9 | 13 11 54 | 19°42'53 | 25°14 | 6° 5 | 14° 4 | 14°21 | 13°42 | 27°52 | 2°58 | 12°50 | 2°8 | 24°45 | 23°41 | 10° 4 | 1°8 | M 9 |
| T 10 | 13 15 50 | 20°42'39 | 9∏59 | 7°39 | 15°17 | 14°33 | 13°40 | 27°54 | 2°56 | 12°51 | 2° 7 | 24°41 | 23°38 | 10°11 | 1°11 | T 10 |
| W11 | 13 19 47 | 21°42'24 | 24°35 | 9° 9 | 16°29 | 14°46 | 13°37 | 27°55 | 2°53 | 12°52 | 2° 6 | 24°39 | 23°35 | 10°18 | 1°15 | W11 |
| T 12 | 13 23 43 | 22°42'06 | 8 9 56 | 10°33 | 17°42 | 14°59 | 13°35 | 27°57 | 2°51 | 12°53 | 2° 5 | 24°37 | 23°32 | 10°24 | 1°18 | T 12 |
| F 13 | 13 27 40 | 23°41'46 | 22°59 | 11°52 | 18°55 | 15°13 | 13°32 | 27°58 | 2°49 | 12°54 | 2° 3 | 24°D36 | 23°28 | 10°31 | 1°21 | F 13 |
| S 14 | 13 31 36 | 24°41'24 | 6 Ω 44 | 13° 4 | 20° 7 | 15°28 | 13°29 | 28° 0 | 2°46 | 12°55 | 2° 2 | 24°36 | 23°25 | 10°38 | 1°25 | S 14 |
| S 15 | 13 35 33 | 25°41'00 | 20°11 | 14°11 | 21°20 | 15°42 | 13°26 | 28° 2 | 2°44 | 12°56 | 2° 1 | 24°38 | 23°22 | 10°45 | 1°28 | S 15 |
| M16 | 13 39 30 | 26°40'33 | 3 Mp 22 | 15°10 | 22°32 | 15°58 | 13°23 | 28° 4 | 2°42 | 12°57 | 2° 0 | 24°39 | 23°19 | 10°51 | 1°31 | M16 |
| T 17 | 13 43 26 | 27°40'04 | 16°18 | 16° 3 | 23°45 | 16°13 | 13°20 | 28° 6 | 2°39 | 12°58 | 1°58 | 24°41 | 23°16 | 10°58 | 1°35 | T 17 |
| W18 | 13 47 23 | 28°39'33 | 29° 1 | 16°49 | 24°58 | 16°30 | 13°16 | 28° 8 | 2°37 | 12°59 | 1°57 | 24°R41 | 23°13 | 11° 5 | 1°38 | W18 |
| T 19 | 13 51 19 | 29°38'59 | 11 ≏ 32 | 17°27 | 26°11 | 16°46 | 13°13 | 28°10 | 2°35 | 13° 0 | 1°56 | 24°39 | 23° 9 | 11°11 | 1°42 | T 19 |
| F 20 | 13 55 16 | 0 8 38'24 | 23°54 | 17°58 | 27°23 | 17° 3 | 13° 9 | 28°12 | 2°32 | 13° 1 | 1°54 | 24°36 | 23° 6 | 11°18 | 1°45 | F 20 |
| S 21 | 13 59 12 | 1°37'47 | 6 M 7 | 18°21 | 28°36 | 17°21 | 13° 5 | 28°15 | 2°30 | 13° 2 | 1°53 | 24°31 | 23° 3 | 11°25 | 1°49 | S 21 |
| S 22 | 14 3 9 | 2°37'08 | 18°12 | 18°37 | 29°49 | 17°38 | 13° 1 | 28°17 | 2°28 | 13° 2 | 1°51 | 24°25 | 23° 0 | 11°32 | 1°52 | S 22 |
| M23 | 14 7 5 | 3°36'27 | 0 ₹ 11 | 18°45 | 1 Υ 2 | 17°57 | 12°56 | 28°20 | 2°26 | 13° 3 | 1°50 | 24°18 | 22°57 | 11°38 | 1°56 | M23 |
| T 24 | 14 11 2 | 4°35'44 | 12° 5 | 18°R46 | 2°14 | 18°15 | 12°52 | 28°23 | 2°24 | 13° 4 | 1°49 | 24°10 | 22°53 | 11°45 | 2° 0 | T 24 |
| W25 | 14 14 58 | 5°35'00 | 23°57 | 18°40 | 3°27 | 18°34 | 12°47 | 28°25 | 2°22 | 13° 4 | 1°47 | 24° 3 | 22°50 | 11°52 | 2° 3 | W25 |
| T 26 | 14 18 55 | 6°34'13 | 5 る 50 | 18°28 | 4°40 | 18°54 | 12°42 | 28°28 | 2°20 | 13° 5 | 1°46 | 23°57 | 22°47 | 11°59 | 2° 7 | T 26 |
| F 27 | 14 22 52 | 7°33'25 | 17°47 | 18° 8 | 5°53 | 19°13 | 12°37 | 28°31 | 2°18 | 13° 6 | 1°44 | 23°53 | 22°44 | 12° 5 | 2°11 | F 27 |
| S 28 | 14 26 48 | 8°32'35 | 29°52 | 17°43 | 7° 6 | 19°33 | 12°32 | 28°35 | 2°16 | 13° 6 | 1°43 | 23°51 | 22°41 | 12°12 | 2°14 | S 28 |
| S 29 | 14 30 45 | 9°31'44 | 12≈10 | 17°13 | 8°19 | 19°54 | 12°27 | 28°38 | 2°14 | 13° 7 | 1°41 | 23°D51 | 22°38 | 12°19 | 2°18 | S 29 |
| M30 | 14 34 41 | 10830'51 | 24≈45 | 16 8 38 | 9 Υ 32 | 20Ω14 | 12 × 22 | 289541 | 2 ₽ 12 | 13≈ 7 | 1 才 40 | 23 米 51 | 22) 34 | 12 × 25 | 2 Ⅱ 22 | M30 |

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|-------------|---------------------|----------------------|------------------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|-----------------|----------------|-----------------|---------------|--------------|
| T 1 | 14 38 38 | 11829'56 | 7) €42 | 15°R59 | 10 Y 45 | 20 Ω 35 | 12°R16 | 289645 | 2°R10 | 13≈ 8 | 1°R38 | 23 米 53 | 22) 31 | 12 × 32 | 2Ⅲ26 | T 1 |
| W 2 | 14 42 34 | 12°28'59 | 21° 5 | 15 8 18 | 11°58 | 20°57 | 12 × 10 | 28°48 | 2 ₾ 8 | 13° 8 | 1 ₹ 37 | 23°R53 | 22°28 | 12°39 | 2°29 | W 2 |
| T 3 | 14 46 31 | 13°28'01 | 4 Υ 56 | 14°34 | 13°11 | 21°18 | 12° 5 | 28°52 | 2° 6 | 13° 9 | 1°35 | 23°53 | 22°25 | 12°46 | 2°33 | T 3 |
| F 4 | 14 50 27 | 14°27'01 | 19°15 | 13°48 | 14°24 | 21°40 | 11°59 | 28°55 | 2° 5 | 13° 9 | 1°33 | 23°50 | 22°22 | 12°52 | 2°37 | F 4 |
| S 5 | 14 54 24 | 15°25'59 | 3 8 58 | 13° 3 | 15°37 | 22° 3 | 11°53 | 28°59 | 2° 3 | 13° 9 | 1°32 | 23°46 | 22°19 | 12°59 | 2°41 | S 5 |
| S 6 | 14 58 21 | 16°24'55 | 18°59 | 12°18 | 16°50 | 22°25 | 11°46 | 29° 3 | 2° 1 | 13°10 | 1°30 | 23°39 | 22°15 | 13° 6 | 2°45 | S 6 |
| M 7 | 15 2 17 | 17°23'50 | 4 Ⅱ 10 | 11°34 | 18° 3 | 22°48 | 11°40 | 29° 7 | 2° 0 | 13°10 | 1°29 | 23°31 | 22°12 | 13°12 | 2°48 | M 7 |
| T 8 | 15 6 14 | 18°22'42 | 19°18 | 10°52 | 19°16 | 23°12 | 11°34 | 29°11 | 1°58 | 13°10 | 1°27 | 23°23 | 22° 9 | 13°19 | 2°52 | T 8 |
| W 9 T 10 | 15 10 10 15 14 7 | 19°21'33 20°20'21 | 49516 18°54 | 10°13 9°37 | 20°29 21°42 | 23°35 23°59 | 11°27 11°20 | 29°15 29°20 | 1°57 1°55 | 13°10 13°11 | 1°25 1°24 | 23°15 23° 9 | 22° 6 22° 3 | 13°26 13°33 | 2°56 3° 0 | W 9 T 10 |
| F 11 | 15 14 7 | 20 20 21 21°19'07 | 3Ω 8 | 9° 5 | 21°42 22°55 | 24°23 | 11°14 | 29°24 | 1°54 | 13°11 | 1°22 | 23° 6 | 21°59 | 13°39 | 3° 4 | F 11 |
| S 12 | 15 22 0 | 22°17'51 | 16°56 | 8°37 | 24° 8 | 24°47 | 11° 7 | 29°28 | 1°52 | 13°11 | 1°20 | 23°D 4 | 21°56 | 13°46 | 3° 8 | S 12 |
| S 13 | 15 25 57 | 23°16'32 | 0 mp 20 | 8°14 | 25°21 | 25°12 | 11° 0 | 29°33 | 1°51 | 13°11 | 1°19 | 23° 4 | 21°53 | 13°53 | 3°12 | S 13 |
| M14 | 15 29 53 | 24°15'11 | 13°22 | 7°55 | 26°34 | 25°36 | 10°53 | 29°38 | 1°50 | 13°11 | 1°17 | 23° 5 | 21°50 | 14° 0 | 3°16 | M14 |
| T 15 | 15 33 50 | 25°13'49 | 26° 5 | 7°42 | 27°47 | 26° 1 | 10°46 | 29°42 | 1°48 | 13°R11 | 1°15 | 23°R 5 | 21°47 | 14° 6 | 3°20 | T 15 |
| W16 | 15 37 46 | 26°12'24 | 8 ₾ 34 | 7°33 | 29° 0 | 26°27 | 10°39 | 29°47 | 1°47 | 13°11 | 1°14 | 23° 4 | 21°44 | 14°13 | 3°24 | W16 |
| T 17 | 15 41 43 | 27°10'57 | 20°51 | 7°D30 | 0 8 13 | 26°52 | 10°32 | 29°52 | 1°46 | 13°11 | 1°12 | 23° 0 | 21°40 | 14°20 | 3°28 | T 17 |
| F 18 | 15 45 39 | 28° 9'28 | 2ML59 | 7°31 | 1°26 | 27°18 | 10°24 | 29°57 | 1°45 | 13°11 | 1°10 | 22°54 | 21°37 | 14°26 | 3°32 | F 18 |
| S 19 | 15 49 36 | 29° 7'57 | 15° 1 | 7°37 | 2°39 | 27°44 | 10°17 | 0 Ω 2 | 1°44 | 13°11 | 1° 9 | 22°46 | 21°34 | 14°33 | 3°36 | S 19 |
| S 20 | 15 53 32 | 0 Ⅱ 6'24 | 26°59 | 7°49 | 3°52 | 28°10 | 10°10 | 0° 7 | 1°43 | 13°10 | 1° 7 | 22°35 | 21°31 | 14°40 | 3°40 | S 20 |
| M21 | 15 57 29 | 1° 4'50 | 8 ₹ 53 | 8° 5 | 5° 6 | 28°36 | 10° 2 | 0°12 | 1°42 | 13°10 | 1° 5 | 22°22 | 21°28 | 14°47 | 3°44 | M21 |
| T 22 | 16 1 26 | 2° 3'14 | 20°46 | 8°25 | 6°19 | 29° 3 | 9°55 | 0°17 | 1°41 | 13°10 | 1° 3 | 22° 9 | 21°25 | 14°53 | 3°48 | T 22 |
| W23 T 24 | 16 5 22 16 9 19 | 3° 1'36 | 2 궁 39 | 8°50 9°20 | 7°32 8°45 | 29°29 29°56 | 9°47 9°40 | 0°22 0°28 | 1°40 1°39 | 13°10 13° 9 | 1° 2 1° 0 | 21°57 21°46 | 21°21 21°18 | 15° 0 15° 7 | 3°52 3°56 | W23 |
| F 25 | 16 9 19 16 13 15 | 3°59'57 4°58'16 | 14°33 26°32 | 9°53 | 9°58 | 0m 23 | 9°40 9°32 | 0°28 0°33 | 1°39 | 13° 9 | 0°58 | 21°46 21°38 | 21°18 21°15 | 15° / | 4° 0 | T 24 F 25 |
| S 26 | 16 17 12 | 5°56'33 | 20°32 8 ≈ 37 | 10°30 | 11°11 | 0°51 | 9°24 | 0°39 | 1°38 | 13° 9 | 0°57 | 21°32 | 21°12 | 15°20 | 4° 4 | S 26 |
| | | | | | | | | | | | | | | | 4° 8 | |
| S 27 M28 | 16 21 8 16 25 5 | 6°54'49 7°53'04 | 20°54 3 ¥ 26 | 11°11 11°56 | 12°24 13°37 | 1°18 1°46 | 9°17 9° 9 | 0°44 0°50 | 1°37 1°37 | 13° 8 13° 8 | 0°55 0°53 | 21°29 21°D28 | 21° 9 21° 5 | 15°27 15°34 | 4° 8 4°12 | S 27 M28 |
| T 29 | 16 25 3 | 8°51'17 | 3π26 16°19 | 12°45 | 13°37 14°51 | 2°14 | 9° 9 | 0°56 | 1°36 | 13° 8 | 0°53 | 21°B28 | 21° 3 | 15°34 15°40 | 4°12 4°16 | T 29 |
| W30 | 16 32 58 | 9°49'28 | 29°35 | 13°36 | 16° 4 | 2°42 | 8°54 | 1° 1 | 1°36 | 13° 7 | 0°50 | 21°28 | 20°59 | 15°47 | 4°20 | W30 |
| T 31 | 16 36 55 | 10 Ⅱ 47'39 | 13 Y 19 | 14831 | 17817 | 3 mp 10 | 8 × 746 | 1 0 7 | 1 2 35 | 13≈ 6 | 0 , 748 | 21) 27 | 20 X 56 | 15 × 754 | 4 Ⅱ 24 | T 31 |

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|------|----------|--------------------|----------------|----------------|----------------|-----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|-----------------|---------------|------|
| F 1 | 16 40 51 | 11 II 45'48 | 27 Y 32 | 15 8 29 | 18 8 30 | 3 m 38 | 8°R39 | 1 Ω 13 | 1°R35 | 13°R 6 | 0°R47 | 21°R23 | 20 米 53 | 16 × 7 1 | 4 Ⅱ 28 | F 1 |
| S 2 | 16 44 48 | 12°43'55 | 12 8 13 | 16°30 | 19°43 | 4° 7 | 8 ₹ 31 | 1°19 | 1 ≏ 34 | 13 ≈ 5 | 0 ∡ 745 | 21 米 17 | 20°50 | 16° 7 | 4°32 | S 2 |
| S 3 | 16 48 44 | 13°42'02 | 27°16 | 17°34 | 20°56 | 4°36 | 8°23 | 1°25 | 1°34 | 13° 5 | 0°43 | 21° 8 | 20°46 | 16°14 | 4°36 | S 3 |
| M 4 | 16 52 41 | 14°40'07 | 12 Ⅲ 33 | 18°41 | 22°10 | 5° 5 | 8°16 | 1°31 | 1°34 | 13° 4 | 0°42 | 20°58 | 20°43 | 16°21 | 4°40 | M 4 |
| T 5 | 16 56 37 | 15°38'10 | 27°52 | 19°51 | 23°23 | 5°34 | 8° 8 | 1°38 | 1°34 | 13° 4 | 0°40 | 20°47 | 20°40 | 16°27 | 4°44 | T 5 |
| W 6 | 17 0 34 | 16°36'12 | 1399 3 | 21° 3 | 24°36 | 6° 3 | 8° 1 | 1°44 | 1°34 | 13° 3 | 0°39 | 20°36 | 20°37 | 16°34 | 4°47 | W 6 |
| T 7 | 17 4 30 | 17°34'12 | 27°55 | 22°18 | 25°49 | 6°32 | 7°53 | 1°50 | 1°34 | 13° 2 | 0°37 | 20°28 | 20°34 | 16°41 | 4°51 | T 7 |
| F 8 | 17 8 27 | 18°32'11 | $12\Omega 21$ | 23°35 | 27° 2 | 7° 2 | 7°46 | 1°56 | 1°D34 | 13° 1 | 0°35 | 20°23 | 20°31 | 16°48 | 4°55 | F 8 |
| S 9 | 17 12 24 | 19°30'08 | 26°19 | 24°55 | 28°16 | 7°32 | 7°38 | 2° 3 | 1°34 | 13° 1 | 0°34 | 20°19 | 20°27 | 16°54 | 4°59 | S 9 |
| S 10 | 17 16 20 | 20°28'03 | 9 m /48 | 26°17 | 29°29 | 8° 1 | 7°31 | 2° 9 | 1°34 | 13° 0 | 0°32 | 20°18 | 20°24 | 17° 1 | 5° 3 | S 10 |
| M11 | 17 20 17 | 21°25'56 | 22°51 | 27°41 | 0∏42 | 8°31 | 7°24 | 2°16 | 1°34 | 12°59 | 0°31 | 20°18 | 20°21 | 17° 8 | 5° 7 | M11 |
| T 12 | 17 24 13 | 22°23'47 | 5 ₽ 31 | 29° 8 | 1°55 | 9° 1 | 7°17 | 2°22 | 1°34 | 12°58 | 0°29 | 20°18 | 20°18 | 17°15 | 5°11 | T 12 |
| W13 | 17 28 10 | 23°21'37 | 17°55 | 0耳37 | 3° 8 | 9°32 | 7° 9 | 2°29 | 1°34 | 12°57 | 0°28 | 20°16 | 20°15 | 17°21 | 5°15 | W13 |
| T 14 | 17 32 6 | 24°19'25 | OM 5 | 2° 9 | 4°22 | 10° 2 | 7° 2 | 2°35 | 1°35 | 12°56 | 0°26 | 20°12 | 20°11 | 17°28 | 5°19 | T 14 |
| F 15 | 17 36 3 | 25°17'12 | 12° 6 | 3°43 | 5°35 | 10°33 | 6°55 | 2°42 | 1°35 | 12°55 | 0°25 | 20° 6 | 20° 8 | 17°35 | 5°22 | F 15 |
| S 16 | 17 39 59 | 26°14'57 | 24° 2 | 5°19 | 6°48 | 11° 3 | 6°48 | 2°49 | 1°35 | 12°54 | 0°23 | 19°56 | 20° 5 | 17°41 | 5°26 | S 16 |
| S 17 | 17 43 56 | 27°12'41 | 5 ₹ 55 | 6°58 | 8° 1 | 11°34 | 6°42 | 2°56 | 1°36 | 12°53 | 0°22 | 19°45 | 20° 2 | 17°48 | 5°30 | S 17 |
| M18 | 17 47 53 | 28°10'24 | 17°47 | 8°39 | 9°14 | 12° 5 | 6°35 | 3° 3 | 1°36 | 12°52 | 0°20 | 19°31 | 19°59 | 17°55 | 5°34 | M18 |
| T 19 | 17 51 49 | 29° 8'06 | 29°41 | 10°22 | 10°28 | 12°36 | 6°28 | 3° 9 | 1°37 | 12°51 | 0°19 | 19°17 | 19°56 | 18° 2 | 5°38 | T 19 |
| W20 | 17 55 46 | 095 5'46 | 11 る 36 | 12° 7 | 11°41 | 13° 7 | 6°22 | 3°16 | 1°38 | 12°50 | 0°17 | 19° 4 | 19°52 | 18° 8 | 5°41 | W20 |
| T 21 | 17 59 42 | 1° 3'25 | 23°36 | 13°55 | 12°54 | 13°38 | 6°15 | 3°23 | 1°38 | 12°49 | 0°16 | 18°53 | 19°49 | 18°15 | 5°45 | T 21 |
| F 22 | 18 3 39 | 2° 1'03 | 5≈40 | 15°45 | 14° 7 | 14°10 | 6° 9 | 3°30 | 1°39 | 12°48 | 0°15 | 18°44 | 19°46 | 18°22 | 5°49 | F 22 |
| S 23 | 18 7 35 | 2°58'40 | 17°52 | 17°37 | 15°21 | 14°41 | 6° 3 | 3°37 | 1°40 | 12°47 | 0°13 | 18°38 | 19°43 | 18°28 | 5°52 | S 23 |
| S 24 | 18 11 32 | 3°56'16 | 0 ¥ 15 | 19°31 | 16°34 | 15°13 | 5°57 | 3°44 | 1°41 | 12°46 | 0°12 | 18°34 | 19°40 | 18°35 | 5°56 | S 24 |
| M25 | 18 15 29 | 4°53'51 | 12°50 | 21°28 | 17°47 | 15°44 | 5°51 | 3°52 | 1°42 | 12°45 | 0°10 | 18°33 | 19°37 | 18°42 | 6° 0 | M25 |
| T 26 | 18 19 25 | 5°51'25 | 25°43 | 23°27 | 19° 1 | 16°16 | 5°45 | 3°59 | 1°42 | 12°44 | 0° 9 | 18°D33 | 19°33 | 18°49 | 6° 3 | T 26 |
| W27 | 18 23 22 | 6°48'59 | 8 Υ 56 | 25°28 | 20°14 | 16°48 | 5°39 | 4° 6 | 1°43 | 12°42 | 0° 8 | 18°R33 | 19°30 | 18°55 | 6° 7 | W27 |
| T 28 | 18 27 18 | 7°46'32 | 22°33 | 27°30 | 21°27 | 17°20 | 5°34 | 4°13 | 1°44 | 12°41 | 0° 7 | 18°32 | 19°27 | 19° 2 | 6°10 | T 28 |
| F 29 | 18 31 15 | 8°44'04 | 6 8 36 | 29°35 | 22°40 | 17°52 | 5°28 | 4°20 | 1°46 | 12°40 | 0° 5 | 18°30 | 19°24 | 19° 9 | 6°14 | F 29 |
| S 30 | 18 35 11 | 99541'36 | 218 5 | 19541 | 23耳54 | 18 m)24 | 5 ₹ 23 | $4\Omega 28$ | 1 ≏ 47 | 12≈39 | 0 ∡ 7 4 | 18) 24 | 19) 21 | 19 ∡ 16 | 6 I 17 | S 30 |

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|------------|----------------------|----------------------|------------------------|----------------|---------------|----------------|---------------|---------------|---------------|----------------|-----------------|------------------|------------------|-----------------|----------------|------------|
| S 1 | 18 39 8 | 10939'07 | 5 Ⅱ 56 | 3 9 49 | 25Ⅲ 7 | 18 M 57 | 5°R18 | 4 Ω 35 | 1 ≏ 48 | 12°R37 | 0°R 3 | 18°R17 | 19 米 17 | 19 х 22 | 6 Ⅱ 21 | S 1 |
| M 2 | 18 43 4 | 11°36'38 | 21° 3 | 5°58 | 26°20 | 19°29 | 5 × 13 | 4°42 | 1°49 | 12≈36 | 0 √ 2 | 18 ∺ 8 | 19°14 | 19°29 | 6°24 | M 2 |
| T 3 | 18 47 1 | 12°34'07 | 6916 | 8° 9 | 27°34 | 20° 2 | 5° 8 | 4°50 | 1°51 | 12°35 | 0° 1 | 17°59 | 19°11 | 19°36 | 6°28 | T 3 |
| W 4 | 18 50 58 | 13°31'36 | 21°25 | 10°20 | 28°47 | 20°34 | 5° 3 | 4°57 | 1°52 | 12°33 | 29 M .59 | 17°50 | 19° 8 19° 5 | 19°42 | 6°31 | W 4 |
| T 5 F 6 | 18 54 54 18 58 51 | 14°29'04 15°26'32 | 6 Ω 19 20°50 | 12°32 14°44 | 095 1 1°14 | 21° 7 21°40 | 4°59 4°54 | 5° 5 5°12 | 1°53 1°55 | 12°32 12°30 | 29°59 29°58 | 17°42 17°37 | 19° 5 | 19°49 19°56 | 6°35 6°38 | T 5 F 6 |
| S 7 | 19 2 47 | 15 20 52 16°23'58 | 4 Mp 54 | 16°56 | 2°27 | 21°40 22°13 | 4°50 | 5°20 | 1°56 | 12°29 | 29°56 | 17°35 | 19°58 | 20° 3 | 6°41 | S 7 |
| S 8 | 19 6 44 | 17°21'23 | 18°29 | 19°8 | 3°41 | 22°46 | 4°46 | 5°27 | 1°58 | 12°28 | 29°55 | 17°D34 | 18°55 | 20° 9 | 6°45 | S 8 |
| M 9 | 19 10 40 | 18°18'47 | 1 ≏ 37 | 21°20 | 4°54 | 23°19 | 4°42 | 5°35 | 1°59 | 12°26 | 29°55 | 17°34 | 18°52 | 20°16 | 6°48 | M 9 |
| T 10 | 19 14 37 | 19°16'10 | 14°22 | 23°31 | 6° 7 | 23°52 | 4°38 | 5°42 | 2° 1 | 12°25 | 29°54 | 17°R35 | 18°49 | 20°23 | 6°51 | T 10 |
| W11 | 19 18 33 | 20°13'33 | 26°46 | 25°41 | 7°21 | 24°26 | 4°35 | 5°50 | 2° 3 | 12°23 | 29°53 | 17°35 | 18°46 | 20°30 | 6°54 | W11 |
| T 12 | 19 22 30 | 21°10'54 | 8 M .56 | 27°49 | 8°34 | 24°59 | 4°31 | 5°57 | 2° 4 | 12°22 | 29°52 | 17°33 | 18°43 | 20°36 | 6°57 | T 12 |
| F 13 | 19 26 27 | 22° 8'15 | 20°56 | 29°57 | 9°48 | 25°33 | 4°28 | 6° 5 | 2° 6 | 12°20 | 29°51 | 17°29 | 18°39 | 20°43 | 7° 0 | F 13 |
| S 14 | 19 30 23 | 23° 5'35 | 2 ₹ 50 | 2Ω 3 | 11° 1 | 26° 6 | 4°25 | 6°13 | 2° 8 | 12°19 | 29°50 | 17°23 | 18°36 | 20°50 | 7° 4 | S 14 |
| S 15 | 19 34 20 | 24° 2'55 | 14°42 | 4° 7 | 12°15 | 26°40 | 4°22 | 6°20 | 2°10 | 12°17 | 29°49 | 17°15 | 18°33 | 20°56 | 7° 7 | S 15 |
| M16 | 19 38 16 | 25° 0'13 | 26°34 | 6° 9 | 13°28 | 27°14 | 4°19 | 6°28 | 2°12 | 12°16 | 29°48 | 17° 6 | 18°30 | 21° 3 | 7°10 | M16 |
| T 17 | 19 42 13 | 25°57'32 | 8 ට 31 | 8° 9 | 14°41 | 27°48 | 4°17 | 6°36 | 2°14 | 12°14 | 29°48 | 16°57 | 18°27 | 21°10 | 7°13 | T 17 |
| W18 | 19 46 9 | 26°54'49 | 20°32 | 10° 8 | 15°55 | 28°22 | 4°14 | 6°43 | 2°16 | 12°13 | 29°47 | 16°47 | 18°23 | 21°17 | 7°15 | W18 |
| T 19 | 19 50 6 | 27°52'07 | 2≈40 | 12° 4 | 17° 8 | 28°56 | 4°12 | 6°51 | 2°18 | 12°11 | 29°46 | 16°39 | 18°20 | 21°23 | 7°18 | T 19 |
| F 20 | 19 54 3 | 28°49'24 | 14°55 | 13°58 | 18°22 | 29°30 | 4°10 | 6°59 | 2°20 | 12°10 | 29°46 | 16°33 | 18°17 | 21°30 | 7°21 | F 20 |
| S 21 | 19 57 59 | 29°46'40 | 27°20 | 15°50 | 19°35 | 0요 4 | 4° 8 | 7° 6 | 2°22 | 12° 8 | 29°45 | 16°29 | 18°14 | 21°37 | 7°24 | S 21 |
| S 22 | 20 1 56 | 0 Ω 43'57 | 9 ∺ 55 | 17°41 | 20°49 | 0°38 | 4° 7 | 7°14 | 2°24 | 12° 6 | 29°44 | 16°28 | 18°11 | 21°43 | 7°27 | S 22 |
| M23 | 20 5 52 | 1°41'13 | 22°42 | 19°28 | 22° 3 | 1°12 | 4° 5 | 7°22 | 2°27 | 12° 5 | 29°44 | 16°D28 | 18° 8 | 21°50 | 7°29 | M23 |
| T 24 | 20 9 49 | 2°38'30 | 5 Ƴ 44 | 21°14 | 23°16 | 1°47 | 4° 4 | 7°30 | 2°29 | 12° 3 | 29°43 | 16°29 | 18° 4 | 21°57 | 7°32 | T 24 |
| W25 | 20 13 45 | 3°35'46 | 19° 2 | 22°58 | 24°30 | 2°21 | 4° 2 | 7°37 | 2°31 | 12° 2 | 29°43 | 16°30 | 18° 1 | 22° 4 | 7°35 | W25 |
| T 26 | 20 17 42 | 4°33'03 | 2 8 39 | 24°39 | 25°43 | 2°56 | 4° 2 | 7°45 | 2°34 | 12° 0 | 29°42 | 16°R31 | 17°58 | 22°10 | 7°37 | T 26 |
| F 27 | 20 21 38 | 5°30'19 | 16°36 | 26°19 | 26°57 | 3°31 | 4° 1 | 7°53 | 2°36 | 11°59 | 29°42 | 16°30 | 17°55 | 22°17 | 7°40 | F 27 |
| S 28 | 20 25 35 | 6°27'36 | 0耳52 | 27°56 | 28°10 | 4° 5 | 4° 0 | 8° 1 | 2°38 | 11°57 | 29°41 | 16°28 | 17°52 | 22°24 | 7°42 | S 28 |
| S 29 | 20 29 32 | 7°24'54 | 15°26 | 29°31 | 29°24 | 4°40 | 4° 0 | 8° 8 | 2°41 | 11°55 | 29°41 | 16°24 | 17°49 | 22°31 | 7°45 | S 29 |
| M30 | 20 33 28 | 8°22'12 | 09913 | 1 mp 4 | 0€38 | 5°15 | 3°59 | 8°16 | 2°43 | 11°54 | 29°41 | 16°19 | 17°45 | 22°37 | 7°47 | M30 |
| T 31 | 20 37 25 | 9 Ω 19'29 | 1595 6 | 2 Mp 34 | 1 N 51 | 5 ≙ 50 | 3°D59 | 8 Ω 24 | 2 ≏ 46 | 11≈52 | 29 M 40 | 16) (14 | 17) (42 | 22 × 744 | 7 I I50 | T 31 |

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| W 1 20 41 21 10Ω1647 29Φ57 4m 3 3Ω 5 6Φ25 3x³59 8Ω32 2Φ49 11°R50 29°R40 16°R 9 17\text{H3} 39 22x³51 7\text{T} 2 20 45 18 11°1405 14Ω38 5°29 4°19 7° 0 4° 0 8°40 2°51 11≈49 29\text{M0} 16\text{K} 5 17°36 22°57 7′ 7′ 8 20 49 14 12°11′23 29° 1 6°53 5°32 7°35 4° 0 8°47 2°54 11°47 29°40 16° 2 17°33 23° 4 7′ 8 4 20 53 11 13° 8′41 13m 2 8°15 6°46 8°11 4° 1 8°55 2°57 11°46 29°40 16° D 1 17°29 23°11 7′ 8 4 20 53 11 13° 8′41 13m 2 8°15 6°46 8°11 4° 1 8°55 2°57 11°46 29°40 16° D 1 17°26 23°18 8′ 1 17 7 15 1 16° 035 22°37 12° 5 10°27 9°57 4° 4 9°18 3° 2 11°42 29°39 16° 3 17°23 23°24 8′ 1 17 7 12 5 1 16° 035 22°37 12° 5 10°27 9°57 4° 4 9°18 3° 5 11°41 29°39 16° 4 17°20 23°31 8′ 1 18° | | | | | | | | | | | | | | | | | |
|---|------|----------|------------|-----------------|------------------|-----------------|----------------|----------------|-----------------|---------------|--------|------------------|----------------|----------------|----------------|---------------|------|
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| ħ | В | ₽. | v | ţ | , k | Day |
| F 3 20 49 14 $12^{\circ}11^{\circ}23$ 29° $6^{\circ}53$ $5^{\circ}32$ $7^{\circ}35$ 4° 0 $8^{\circ}47$ $2^{\circ}54$ $11^{\circ}47$ $29^{\circ}40$ 16° 2 $17^{\circ}33$ 23° 4 $7^{\circ}55$ $3^{\circ}53$ 3 | W 1 | 20 41 21 | 10Ω16'47 | 29957 | 4 Mp 3 | 3 N 5 | 6 ₽ 25 | 3 . ₹59 | 8 Ω 32 | 2 ≏ 49 | 11°R50 | 29°R40 | 16°R 9 | 17) 39 | 22 × 31 | 7 Ⅲ 52 | W 1 |
| S 4 20 53 11 13° 841 13 m/y 2 8°15 6°46 8°11 4° 1 8°55 2°57 11°46 29°40 16°D 1 17°29 23°11 7′ S 5 20 57 7 14° 5′59 26°39 9°34 8° 0 8°46 4° 2 9° 3 2°59 11°44 29°39 16° 1 17°26 23°18 8′ M 6 21 1 4 15° 3′17 9£50 10°51 9°14 9°21 4° 3 9°11 3° 2 11°42 29°39 16° 3 17°23 23°24 8′ T 7 21 5 1 16° 0/35 22°37 12° 5 10°27 9°57 4° 4 9°18 3° 5 11°41 29°39 16° 3 17°23 23°24 8′ W 8 21 8 57 16°57′53 5 m 5 13°18 11°41 10°33 4° 5 9°26 3° 8 11°39 29°39 16° 6 17°17 23°38 8′ T 9 21 12 54 17°55′11 17°18 14°27 12°55 11° 8 4° 7 9°34 3°11 11°37 29°39 16° 6 17°17 23°38 8′ T 9 21 12 54 17°55′11 17°18 14°27 12°55 11° 8 4° 7 9°34 3°11 11°37 29°39 16° 6 17°10 23°31 8′ S 11 21 20 47 19°49′47 11 11 14 16°38 15°23 12°20 4°11 9°49 3°17 11°34 29°39 16° 4 17° 7 23°58 8′ S 11 21 20 47 19°49′47 11 11 18°38 17°50 13°31 4°15 10° 5 3°23 11°31 29°40 15°58 17° 1 24°11 8′ M 13 11° M 13 29°40 15°50 16°55 24°25 8′ M 13 21 28 40 21°44′24 55 T 18°38 17°50 13°31 4°15 10° 5 3°23 11°31 29°40 15°50 16°55 24°25 8′ M 13 21 28 40 24°34′34 17° 1 19°34 19° 4 4° 7 4°17 10°12 3°26 11°32 29°40 15°50 16°55 24°25 8′ M 13 21°48 23°34′4 23°55 22°43 23°59 16°32 4°29 10°43 3°38 11°23 29°40 15°50 16°55 24°25 8′ M 13 21°24 24°24 23°55 22°43 23°55 16°32 4°26 10°35 3°35 11°25 29°40 15°44 16°42 24°45 8′ S 18 21 48 23 26°31′01 64°37 22°43 23°55 16°32 4°26 10°35 3°35 11°25 29°40 15°54 16°35 22°43 23°55 16°32 4°26 10°35 3°35 11°25 29°40 15°44 16°42 24°45 8′ S 18 21 48 23 26°31′01 64°37 22°43 23°55 16°32 4°26 10°35 3°35 11°25 29°40 15°44 16°45 24°45 8′ S 18 21°44 23°44 23°44 23°45 23°55 23°54 16°58 | T 2 | 20 45 18 | | | > | - | 7° 0 | | | - | _ | | | | | 7°54 | T 2 |
| S 5 20 57 7 14° 5′59 26°39 9°34 8° 0 8°46 4° 2 9° 3 2°59 11°44 29°39 16° 1 17°26 23°18 8′ 17 7 21 5 1 16° 0′35 22°37 12° 5 10°27 9°57 4° 4 9°18 3° 5 11°41 29°39 16° 4 17°20 23°31 8′ 17 7 21 5 1 16° 0′35 22°37 12° 5 10°27 9°57 4° 4 9°18 3° 5 11°41 29°39 16° 4 17°20 23°31 8′ 18′ 18′ 18′ 18′ 18′ 11° 11° 18′ 11° 11° 18′ 11° 11° 18′ 11° 11° 18′ 11° 11° 18′ 11° 11° 18′ 11° 11° 11° 11° 11° 11° 11° 11° 11° 11 | | | _ | _ | | | | | | _ | | _, ., | - | | _ | 7°57 | F 3 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 4 | 20 53 11 | 13° 8'41 | 13 Mg 2 | 8°15 | 6°46 | 8°11 | 4° 1 | 8°55 | 2°57 | 11°46 | 29°40 | 16°D 1 | 17°29 | 23°11 | 7°59 | S 4 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 5 | 20 57 7 | 14° 5'59 | 26°39 | 9°34 | 8° 0 | 8°46 | 4° 2 | 9° 3 | | 11°44 | 29°39 | 16° 1 | 17°26 | 23°18 | 8° 1 | S 5 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | M 6 | | | , | | , | - | 4° 3 | , | | | | | -, | - | 8° 3 | M 6 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | T 7 | 21 5 1 | 16° 0'35 | 22°37 | 12° 5 | 10°27 | 9°57 | 4° 4 | 9°18 | 3° 5 | 11°41 | 29°39 | 16° 4 | 17°20 | 23°31 | 8° 5 | T 7 |
| F 10 21 16 50 | | | | | | | | - | | | | | | | | 8° 7 | W 8 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | - | | | | | | _ | . , | | _ | | | - | | - | 8° 9 | T 9 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | - | | | - | _ | | | | | | 8°11 | F 10 |
| M13 21 28 40 21°44′24 5₹ 1 18°38 17°50 13°31 4°15 10° 5 3°23 11°31 29°40 15°58 17° 1 24°11 8° T14 21 32 36 22°41′43 17° 1 19°34 19° 4 14° 7 4°17 10°12 3°26 11°29 29°40 15°54 16°58 24°18 8° W15 21 36 33 23°39′02 29° 8 20°26 20°18 14°44 4°20 10°20 3°29 11°28 29°40 15°50 16°55 24°25 8° T16 21 40 30 24°36′21 11≈26 21°15 21°32 15°20 4°23 10°28 3°32 11°26 29°40 15°47 16°51 24°32 8° F17 21 44 26 25°33′41 23°55 22° 1 22°46 15°56 4°26 10°35 3°35 11°25 29°40 15°45 16°48 24°38 8° S18 21 48 23 26°31′01 6⅓37 22°43 23°59 16°32 4°29 10°43 3°38 11°23 29°41 15°44 16°45 24°45 8° S19 21 52 19 27°28′22 19°31 23°21 25°13 17° 8 4°32 10°50 3°41 11°22 29°41 15°04 16°42 24°52 8° M20 21 56 16 28°25′44 2⁰39 23°55 26°27 17°45 4°35 10°58 3°45 11°20 29°41 15°44 16°39 24°58 8° T21 22 012 29°23′06 15°59 24°26 27°41 18°21 4°39 11° 5 3°48 11°19 29°42 15°45 16°35 25° 5 8° W22 22 4 9 0m20′29 29°33 24°52 28°55 18°58 4°43 11°13 3°51 11°17 29°42 15°47 16°32 25°12 8° F24 22 12 2 2°15′19 27°14 0m9 9 19°34 4°47 11°20 3°54 11°16 29°43 15°48 16°20 25°19 8° F24 22 12 2 2°15′19 27°19 25°31 1°23 20°11 4°51 11°28 3°58 11°14 29°43 15°48 16°20 25°39 8° S26 22 19 55 4°10′13 25°49 25°51 3°51 21°25 5° 0 11°43 4° 4° 11°10 29°45 15°48 16°20 25°39 8° M27 22 23 52 5° 7′42 10©314 25°R53 5° 5 22° 1 5° 4 11°50 4° 8 11°10 29°45 15°46 16°16 25°45 8° M29 22 31 45 7° 2′43 9\$ 6 25°43 7°33 23°15 5°14 12° 5 4°15 11° 7 29°46 15°44 16°10 25°59 8° W29 22 31 45 7° 2′43 9\$ 6 25°43 7°33 23°15 5°14 12° 5 4°15 11° 7 29°46 15°44 16°10 25°59 8° | S 11 | 21 20 47 | 19°49'47 | 11 才 14 | 16°38 | 15°23 | 12°20 | 4°11 | 9°49 | 3°17 | 11°34 | 29°39 | 16° 4 | 17° 7 | 23°58 | 8°13 | S 11 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 12 | 21 24 43 | 20°47'06 | | 17°40 | 16°36 | 12°56 | 4°13 | 9°57 | 3°20 | 11°33 | 29°39 | 16° 1 | 17° 4 | 24° 5 | 8°14 | S 12 |
| W15 21 36 33 23°39'02 29° 8 20°26 20°18 14°44 4°20 10°20 3°29 11°28 29°40 15°50 16°55 24°25 8° 16°21 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°43 21°44 26° 25°33'41 23°55 22° 1 22°46 15°56 4°26 10°35 3°35 11°25 29°40 15°45 16°48 24°38 8° 8° 8° 8° 8° 8° 8° | _ | 21 28 40 | 21°44'24 | | | -, | | 4°15 | | | | | | 17° 1 | 24°11 | 8°16 | M13 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | _ | | | - | | | - | | _ | | | | _ | 8°18 | T 14 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | 29° 8 | | | | - | | | | | | | - | 8°19 | W15 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | - | | _ | | | | | | | - | 8°21 | T 16 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | - | | | | - | | _ | | | | | | | | 8°23 | F 17 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 18 | 21 48 23 | 26°31'01 | 6 ∺ 37 | 22°43 | 23°59 | 16°32 | 4°29 | 10°43 | 3°38 | 11°23 | 29°41 | 15°44 | 16°45 | 24°45 | 8°24 | S 18 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 19 | 21 52 19 | 27°28'22 | | 23°21 | 25°13 | 17° 8 | 4°32 | 10°50 | 3°41 | 11°22 | 29°41 | 15°D44 | 16°42 | 24°52 | 8°25 | S 19 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | - | | | | | | - , | | | | | | | | | 8°27 | M20 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | - | | | | | - | | - | | _ | - | | | | 8°28 | T 21 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | ~ | | | | | | - | | | | | | - | 8°29 | W22 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | - | ~ | | | - | | | | | | | 8°30 | T 23 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | _ | - | | - | | | | | | | 8°32 | F 24 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 25 | 22 15 59 | 3°12'46 | 11Д29 | 25°43 | 2°37 | 20°48 | 4°55 | 11°35 | 4° 1 | 11°13 | 29°44 | 15°48 | 16°23 | 25°32 | 8°33 | S 25 |
| | | | | | | | - | | | | | | | | | 8°34 | S 26 |
| W29 22 31 45 7° 2'43 9\$\Omega\$ 6 25°43 7°33 23°15 5°14 12° 5 4°15 11° 7 29°46 15°44 16°10 25°59 8' | | | | - | | | | - | | | | _, | | | | 8°35 | M27 |
| | - | | | | | | | | | | | | | | | 8°36 | T 28 |
| T 30 22 35 41 8° 0'15 23°23 25°29 8°47 23°52 5°19 12°12 4°18 11° 5 29°47 15°44 16° 7 26° 6 8' | | | | | - | | | - | - | - | | | | | | 8°36 | W29 |
| l | | | | | | | | | | | | | | | | 8°37 | T 30 |
| F31 22 39 38 8mp 57′48 7mp 27 25mp 11 10mp 1 24⊕30 5⊀24 12Ω19 4⊕22 11≈ 4 29m 48 15∺43 16∺ 4 26⊀12 8Ⅱ | F 31 | 22 39 38 | 8 M) 57'48 | 7 m) 27 | 25 m) 11 | 10 m y 1 | 24 £ 30 | 5 ₹ 24 | 12 67 19 | 4 º 22 | 11≈ 4 | 29 11 L48 | 15 米 43 | 16 米 4 | 26×712 | 8 Ⅱ 38 | F 31 |

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|------|----------|------------------|----------------|----------------|------------------|----------------|----------------|-----------------|---------------|--------|-----------------|-----------------|----------------|----------------|-------|------|
| S 1 | 22 43 34 | 9 m 55'21 | 21 m 13 | 24°R47 | 11 m p 15 | 25 ♀ 7 | 5 ₹ 129 | 12 \O 27 | 4 º 25 | 11°R 3 | 29 M .48 | 15°D43 | 16 ∺ 1 | 26 × 19 | 8Д39 | S 1 |
| S 2 | 22 47 31 | 10°52'56 | 4 ≏ 41 | 24 Mp 18 | 12°30 | 25°44 | 5°35 | 12°34 | 4°29 | 11≈ 1 | 29°49 | 15 ¥ 43 | 15°57 | 26°26 | 8°39 | S 2 |
| M 3 | 22 51 28 | 11°50'32 | 17°48 | 23°44 | 13°44 | 26°21 | 5°41 | 12°41 | 4°32 | 11° 0 | 29°50 | 15°44 | 15°54 | 26°33 | 8°40 | M 3 |
| T 4 | 22 55 24 | 12°48'08 | 0 M .35 | 23° 6 | 14°58 | 26°59 | 5°46 | 12°48 | 4°36 | 10°59 | 29°51 | 15°44 | 15°51 | 26°39 | 8°40 | T 4 |
| W 5 | 22 59 21 | 13°45'45 | 13° 4 | 22°24 | 16°12 | 27°36 | 5°52 | 12°55 | 4°39 | 10°57 | 29°52 | 15°44 | 15°48 | 26°46 | 8°41 | W 5 |
| T 6 | 23 3 17 | 14°43'24 | 25°18 | 21°39 | 17°26 | 28°14 | 5°59 | 13° 2 | 4°43 | 10°56 | 29°53 | 15°44 | 15°45 | 26°53 | 8°41 | T 6 |
| F 7 | 23 7 14 | 15°41'03 | 7 . ₹20 | 20°51 | 18°40 | 28°51 | 6° 5 | 13° 9 | 4°46 | 10°55 | 29°54 | 15°R44 | 15°41 | 26°59 | 8°41 | F 7 |
| S 8 | 23 11 10 | 16°38'43 | 19°16 | 20° 1 | 19°54 | 29°29 | 6°11 | 13°16 | 4°50 | 10°53 | 29°55 | 15°D44 | 15°38 | 27° 6 | 8°42 | S 8 |
| S 9 | 23 15 7 | 17°36'24 | 1る 9 | 19°10 | 21° 9 | 0 ጤ 7 | 6°18 | 13°23 | 4°54 | 10°52 | 29°56 | 15°45 | 15°35 | 27°13 | 8°42 | S 9 |
| M10 | 23 19 3 | 18°34'06 | 13° 5 | 18°19 | 22°23 | 0°44 | 6°24 | 13°30 | 4°57 | 10°51 | 29°57 | 15°45 | 15°32 | 27°20 | 8°42 | M10 |
| T 11 | 23 23 0 | 19°31'49 | 25° 7 | 17°29 | 23°37 | 1°22 | 6°31 | 13°37 | 5° 1 | 10°50 | 29°58 | 15°45 | 15°29 | 27°26 | 8°42 | T 11 |
| W12 | 23 26 57 | 20°29'32 | 7 ≈ 19 | 16°41 | 24°51 | 2° 0 | 6°38 | 13°43 | 5° 5 | 10°49 | 29°59 | 15°46 | 15°26 | 27°33 | 8°R42 | W12 |
| T 13 | 23 30 53 | 21°27'17 | 19°45 | 15°56 | 26° 5 | 2°38 | 6°45 | 13°50 | 5° 8 | 10°48 | 0 ₮ 0 | 15°46 | 15°22 | 27°40 | 8°42 | T 13 |
| F 14 | 23 34 50 | 22°25'03 | 2) (26 | 15°15 | 27°19 | 3°16 | 6°52 | 13°57 | 5°12 | 10°46 | 0° 1 | 15°46 | 15°19 | 27°46 | 8°42 | F 14 |
| S 15 | 23 38 46 | 23°22'51 | 15°25 | 14°39 | 28°34 | 3°54 | 7° 0 | 14° 4 | 5°16 | 10°45 | 0° 3 | 15°R47 | 15°16 | 27°53 | 8°42 | S 15 |
| S 16 | 23 42 43 | 24°20'39 | 28°41 | 14° 8 | 29°48 | 4°32 | 7° 7 | 14°10 | 5°19 | 10°44 | 0° 4 | 15°46 | 15°13 | 28° 0 | 8°42 | S 16 |
| M17 | 23 46 39 | 25°18'29 | 12 Y 13 | 13°45 | 1 ♀ 2 | 5°11 | 7°15 | 14°17 | 5°23 | 10°43 | 0° 5 | 15°46 | 15°10 | 28° 7 | 8°41 | M17 |
| T 18 | 23 50 36 | 26°16'20 | 26° 0 | 13°28 | 2°16 | 5°49 | 7°23 | 14°23 | 5°27 | 10°42 | 0° 7 | 15°45 | 15° 7 | 28°13 | 8°41 | T 18 |
| W19 | 23 54 32 | 27°14'13 | 9 8 59 | 13°18 | 3°31 | 6°27 | 7°30 | 14°30 | 5°31 | 10°41 | 0° 8 | 15°43 | 15° 3 | 28°20 | 8°41 | W19 |
| T 20 | 23 58 29 | 28°12'08 | 24° 6 | 13°D17 | 4°45 | 7° 6 | 7°38 | 14°36 | 5°34 | 10°40 | 0° 9 | 15°42 | 15° 0 | 28°27 | 8°40 | T 20 |
| F 21 | 0 2 25 | 29°10'04 | 8 Ⅱ 18 | 13°23 | 5°59 | 7°44 | 7°47 | 14°42 | 5°38 | 10°39 | 0°11 | 15°41 | 14°57 | 28°33 | 8°40 | F 21 |
| S 22 | 0 6 22 | 0 쇼 8'03 | 22°32 | 13°38 | 7°13 | 8°23 | 7°55 | 14°48 | 5°42 | 10°38 | 0°12 | 15°40 | 14°54 | 28°40 | 8°39 | S 22 |
| S 23 | 0 10 19 | 1° 6'03 | 69346 | 14° 2 | 8°28 | 9° 1 | 8° 3 | 14°55 | 5°46 | 10°38 | 0°14 | 15°D40 | 14°51 | 28°47 | 8°38 | S 23 |
| M24 | 0 14 15 | 2° 4'05 | 20°57 | 14°33 | 9°42 | 9°40 | 8°12 | 15° 1 | 5°49 | 10°37 | 0°15 | 15°41 | 14°47 | 28°54 | 8°38 | M24 |
| T 25 | 0 18 12 | 3° 2'08 | 5 Ω 2 | 15°13 | 10°56 | 10°19 | 8°20 | 15° 7 | 5°53 | 10°36 | 0°17 | 15°42 | 14°44 | 29° 0 | 8°37 | T 25 |
| W26 | 0 22 8 | 4° 0'14 | 19° 0 | 16° 0 | 12°11 | 10°57 | 8°29 | 15°13 | 5°57 | 10°35 | 0°18 | 15°43 | 14°41 | 29° 7 | 8°36 | W26 |
| T 27 | 0 26 5 | 4°58'21 | 2 m 49 | 16°55 | 13°25 | 11°36 | 8°38 | 15°19 | 6° 1 | 10°34 | 0°20 | 15°44 | 14°38 | 29°14 | 8°35 | T 27 |
| F 28 | 0 30 1 | 5°56'30 | 16°26 | 17°57 | 14°39 | 12°15 | 8°47 | 15°25 | 6° 4 | 10°33 | 0°21 | 15°R44 | 14°35 | 29°21 | 8°34 | F 28 |
| S 29 | 0 33 58 | 6°54'41 | 29°51 | 19° 6 | 15°53 | 12°54 | 8°56 | 15°31 | 6° 8 | 10°33 | 0°23 | 15°44 | 14°32 | 29°27 | 8°33 | S 29 |
| S 30 | 0 37 54 | 7 ≏ 52'53 | 13 ♀ 2 | 20 m 21 | 17 ♀ 8 | 13 M 33 | 9 ∡ 5 | 15 Ω 36 | 6 ₽ 12 | 10≈32 | 0 ≯ 25 | 15) €42 | 14 ∺ 28 | 29 × 34 | 8耳32 | S 30 |

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| M N 1 0 41 51 | | | | | | | | | | | | | | | | | |
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| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)f(| Ħ | Р | u | v | ţ | ę, | Day |
| W 3 0.49 44 10°47'40 21° 2 24°40 20°51 15°31 9°33 15°53 6°23 10°30 0°31 15°22 14°19 29°54 8°29 W T 4 0.53 41 11°45'85 3.714 26°15 22° 5 16°10 9°32 15°59 6°27 10°30 0°31 15°22 14°10 0°31 8°28 F S 6 1 134 13°42'40 27°10 29°36 24°34 17°29 10° 2 16°10 6°35 10°28 0°35 15°22 14° 9 0°14 8°25 S S 7 1 530 14°41'04 9°33 15°22 16°10 6°38 10°28 0°37 15°20 14° 9 0°14 8°24 S S 7 1 530 14°41'04 9°33 18°21 16°25 6°46 10°27 0°40 15°21 14° 0 0°34 8°21 N T 19 1 1323 16°375 28°88 4°56 28°17 19°28< | M 1 | 0 41 51 | 8 ₾ 51'07 | 25 ≙ 57 | | 18 ≏ 22 | 14 M .12 | 9 ∡ 14 | 15 Ω 42 | 6 ₽ 16 | 10°R31 | 0 ∡ 126 | | 14) (25 | 29 × 741 | | M 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | T 2 | 0 45 48 | 9°49'22 | 8 M 37 | 23° 9 | 19°36 | 14°52 | 9°23 | 15°48 | 6°20 | 10≈31 | 0°28 | 15) 36 | 14°22 | 29°47 | | T 2 |
| F 5 0.5737 12°44′19 15°16 27°54 23°20 16°49 9°52 16° 4 6°31 10°29 0°33 15°24 14°12 0° 8 8°26 F S 6 1 34 13°42′40 27°10 29°36 24°34 17°29 10° 2 16°10 6°35 10°28 0°35 15°20 14° 9 0°14 8°25 S 8 7 1 530 14°41′04 9€3 1£21 25°48 18° 8 10°12 16°15 6°38 10°28 0°37 15°20 14° 6 0°21 8°24 N 8 1 9 27 15°39′28 20°57 3° 8 2° 3 18°48 10°22 16°25 6°46 10°27 0°39 15°20 14° 0 0°34 8°21 T W10 1 1720 17°36′22 15°10 6°46 28°17 19°28 10°32 16°30 6°50 10°27 0°40 15°21 14° 0 0°34 8°21 T 111 121 18°14 | W 3 | 0 49 44 | 10°47'40 | 21° 2 | 24°40 | 20°51 | 15°31 | 9°33 | 15°53 | 6°23 | 10°30 | 0°30 | 15°32 | 14°19 | 29°54 | 8°29 | W 3 |
| S 6 1 1 34 13°42'40 27°10 29°36 24°34 17°29 10° 2 16°10 6°35 10°28 0°35 15°22 14°9 0°14 8°25 S S 7 1 5 30 14°41'04 9℃3 3 1£21 25°48 18°8 10°12 16°15 6°38 10°28 0°37 15°20 14° 6 0°21 8°24 S M 8 1 9 27 15°39'28 27° 3 18°48 10°22 16°20 6°42 10°27 0°40 15°21 14° 6 0°21 8°24 S W10 11720 17°36'22 15°10 6°46 29°31 20° 7 10°42 16°30 6°50 10°27 0°42 15°23 13°57 0°41 8°19 W T11 1 2117 18°33'23 10½67 10°22 10°25 16°35 6°53 10°26 0°44 15°23 13°57 0°41 8°19 W T11 1 221 13°33 12°20 | T 4 | 0 53 41 | 11°45'58 | 3 ∡ 14 | 26°15 | 22° 5 | 16°10 | 9°42 | 15°59 | 6°27 | 10°30 | 0°31 | 15°28 | 14°16 | 0ට 1 | 8°28 | T 4 |
| 8 7 1 5 30 14°41′04 9₹3 3 1£21 25°48 18°8 10°12 16°15 6°38 10°28 0°37 15°20 14° 6 0°21 8°24 S M 8 1 9 27 15°39′28 20°57 3° 8 27° 3 18°48 10°22 16°20 6°42 10°27 0°39 15°D20 14° 3 0°28 8°22 M T 9 1 13 23 16°37′55 2∞58 4°56 28°17 19°28 10°32 16°25 6°46 10°27 0°40 15°21 14° 0 0°34 8°21 T M 17 20 17°36′22 15°10 6°46 29°31 20° 7 10°42 16°30 6°50 10°27 0°42 15°23 13°57 0°41 8°19 W M 17 17 20 17°36′22 15°10 6°46 29°31 20° 7 10°42 16°30 6°50 10°27 0°42 15°23 13°57 0°41 8°19 W T 11 1 21 17 18°34′52 27°39 8°37 0ſL46 20°47 10°52 16°35 6°53 10°26 0°44 15°25 13°53 0°48 8°17 T F 12 125 13 19°33′23 10⅓27 10°28 2° 0 21°27 11° 2 16°40 6°57 10°26 0°44 15°25 13°53 0°48 8°17 T F 12 125 13 19°33′23 10¾27 10°28 2° 0 21°27 11° 13 16°45 7° 1 10°26 0°48 15°25 13°47 1° 1 8°14 8 S 14 1 33 6 21°30′29 7¶11 14°11 4°29 22°47 11°23 16°50 7° 1 10°26 0°48 15°25 13°47 1° 1 8°14 8 M15 1 37 3 22°29′05 21° 7 16° 3 5°43 23°26 11°34 16°54 7° 8 10°25 0°52 15°20 13°41 1° 15 8° 10 M T 16 1 40 59 23°27′43 5821 17°54 6°57 24° 7 11°45 16°59 7° 12 10°25 0°54 15° 15 13°38 1°21 8° 8 T M 18 1 48 52 25°25′05 4∏22 21°35 9°26 25°27 12° 6 17° 8 7° 19 10°25 0°58 15° 9 13°34 1° 12° 8° 8 T F 19 1 52 49 26°23′49 18°57 23°25 10°40 26° 7 12° 17 17° 12 7° 23 10°25 1° 0° 8 15° 13° 13° 1 135 8° 5 T F 19 1 52 49 26°23′49 18°57 23°25 10°40 26° 7 12° 17 17° 12 7° 33 10° 24 1° 4 14° 52 13° 15 2° 8 7° 54 M T 23 2 8 35 0ſL1907 15° 45 0ſM36 15° 38 28° 49 13° 2 17° 29 7° 37 10° 24 1° 4 14° 52 13° 15 2° 8 7° 54 M T 23 2 8 35 0ſL1907 15° 45 0ſM36 15° 38 28° 49 13° 2 17° 29 7° 37 10° 24 1° 4 1° 45 13° 13° 12 2° 15 7° 52 W M 24 2 12 22 1° 18° 0 4€ 13° 40° 13° 41 13° 47 17° 4 7° 15 10° 25 1° 13 14° 53 13° 12 2° 15 7° 52 W M 24 2 12 22 1° 18° 0 4° 20° 13° 13° 17° 17° 17° 10° 10° 11 14° 51 13° 13° 15° 13° 13° 17° 15° 10° 10° 11 14° 51 13° 13° 11° 13° 15° 10° 10° 11° 11° 11° 11° 11° 11° 11° 11 | F 5 | 0 57 37 | 12°44'19 | 15°16 | 27°54 | 23°20 | 16°49 | 9°52 | 16° 4 | 6°31 | 10°29 | 0°33 | 15°24 | 14°12 | 0° 8 | 8°26 | F 5 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 6 | 1 1 34 | 13°42'40 | 27°10 | 29°36 | 24°34 | 17°29 | 10° 2 | 16°10 | 6°35 | 10°28 | 0°35 | 15°22 | 14° 9 | 0°14 | 8°25 | S 6 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | S 7 | 1 5 30 | 14°41'04 | 9 ろ 3 | 1 ≏ 21 | 25°48 | 18° 8 | 10°12 | 16°15 | 6°38 | 10°28 | 0°37 | 15°20 | 14° 6 | 0°21 | 8°24 | S 7 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | M 8 | 1 9 27 | 15°39'28 | 20°57 | 3° 8 | 27° 3 | 18°48 | 10°22 | 16°20 | 6°42 | 10°27 | 0°39 | 15°D20 | 14° 3 | 0°28 | 8°22 | M 8 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | T 9 | 1 13 23 | 16°37'55 | 2≈58 | 4°56 | 28°17 | 19°28 | 10°32 | 16°25 | 6°46 | 10°27 | 0°40 | 15°21 | 14° 0 | 0°34 | | T 9 |
| F 12 1 25 13 19°33′23 10 ±27 10°28 2° 0 21°27 11° 2 16°40 6°57 10°26 0°46 15°R26 13°50 0°55 8°16 F 3 S 13 1 29 10 20°31′55 23°38 12°19 3°14 22° 7 11°13 16°45 7° 1 10°26 0°48 15°25 13°47 1° 1 8°14 8°14 8°14 8°14 8°14 8°14 8°14 8°14 8°14 1° 1 1° 23 16°50 7° 1 10°25 0°50 15°24 13°44 1° 8 8°12 8°10 M15 13°34 1° 15 8°10 M1 1° 8 10°25 0°50 15°24 13°44 1° 8 8°12 8°10 M1 1° 8 1° 8 10°25 0°50 15°24 13°44 1° 8 1° 1 1° 8 1° 8 1° 10°25 0°50 15°20 13°41 1° 15 8° 10 M1 1° 25° 0°56 15° 9 13°34 1° 15 8° 10 | W10 | 1 17 20 | 17°36'22 | 15°10 | 6°46 | 29°31 | 20° 7 | 10°42 | 16°30 | 6°50 | 10°27 | 0°42 | 15°23 | 13°57 | | | W10 |
| \$\begin{array}{c c c c c c c c c c c c c c c c c c c | T 11 | 1 21 17 | 18°34'52 | 27°39 | 8°37 | 0 M .46 | 20°47 | 10°52 | 16°35 | 6°53 | 10°26 | 0°44 | 15°25 | 13°53 | 0°48 | 8°17 | T 11 |
| \$\begin{array}{c c c c c c c c c c c c c c c c c c c | F 12 | 1 25 13 | 19°33'23 | 10) €27 | 10°28 | 2° 0 | 21°27 | 11° 2 | 16°40 | 6°57 | 10°26 | 0°46 | 15°R26 | 13°50 | 0°55 | 8°16 | F 12 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 13 | 1 29 10 | 20°31'55 | 23°38 | 12°19 | 3°14 | 22° 7 | 11°13 | 16°45 | 7° 1 | 10°26 | 0°48 | 15°25 | 13°47 | 1° 1 | 8°14 | S 13 |
| T16 | S 14 | 1 33 6 | 21°30'29 | | 14°11 | 4°29 | 22°47 | 11°23 | 16°50 | | 10°25 | 0°50 | 15°24 | 13°44 | 1° 8 | | S 14 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | M15 | 1 37 3 | 22°29'05 | 21° 7 | 16° 3 | 5°43 | 23°26 | 11°34 | 16°54 | 7°8 | 10°25 | 0°52 | 15°20 | 13°41 | 1°15 | 8°10 | M15 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | T 16 | 1 40 59 | 23°27'43 | 5 8 21 | 17°54 | 6°57 | 24° 7 | 11°45 | 16°59 | 7°12 | 10°25 | 0°54 | 15°15 | 13°38 | 1°21 | 8° 8 | T 16 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | W17 | 1 44 56 | 24°26'23 | 19°48 | 19°45 | 8°12 | 24°47 | 11°55 | 17° 4 | 7°15 | 10°25 | 0°56 | 15° 9 | 13°34 | 1°28 | 8° 7 | W17 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | T 18 | 1 48 52 | 25°25'05 | 4 Ⅲ 22 | 21°35 | 9°26 | 25°27 | 12° 6 | 17° 8 | 7°19 | 10°25 | 0°58 | 15° 3 | 13°31 | 1°35 | 8° 5 | T 18 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | F 19 | 1 52 49 | 26°23'49 | 18°57 | 23°25 | 10°40 | 26° 7 | 12°17 | 17°12 | 7°23 | 10°25 | 1° 0 | 14°58 | 13°28 | 1°42 | 8° 3 | F 19 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 20 | 1 56 46 | 27°22'35 | 3926 | 25°14 | 11°55 | 26°47 | 12°28 | 17°16 | 7°26 | 10°24 | 1° 2 | 14°54 | 13°25 | 1°48 | 8° 0 | S 20 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 21 | 2 0 42 | 28°21'24 | | _, _ | 13° 9 | 27°28 | 12°39 | 17°21 | 7°30 | 10°24 | | 14°52 | 13°22 | | 7°58 | S 21 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | 29°20'14 | | | - | | - | | | - | - , | | 13°18 | | | M22 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | - | | | | | | | - | | T 23 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | - | | | | | | | - | | | _ | | | W24 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | T 25 | 2 16 28 | 2°16'59 | 12 m 50 | 4° 7 | 18° 6 | 0 才 10 | 13°24 | 17°36 | 7°44 | 10°25 | 1°13 | 14°R54 | 13° 9 | 2°22 | 7°49 | T 25 |
| S 28 2 28 18 5°14'04 21°55 9°17 21°50 2°12 13°59 17°47 7°55 10°25 1°20 14°46 12°59 2°42 7°42 S 2 M29 2 32 15 6°13'09 4M33 10°59 23° 4 2°53 14°11 17°51 7°58 10°25 1°22 14°38 12°56 2°49 7°40 M2 T 30 2 36 11 7°12'17 17° 1 12°40 24°18 3°34 14°22 17°54 8° 1 10°26 1°24 14°29 12°53 2°55 7°37 T 3 | F 26 | 2 20 25 | 3°15'59 | 26° 3 | 5°51 | 19°21 | 0°50 | 13°36 | 17°40 | 7°48 | 10°25 | 1°15 | 14°53 | 13° 6 | 2°29 | 7°47 | F 26 |
| M29 2 32 15 6°13'09 4™.33 10°59 23° 4 2°53 14°11 17°51 7°58 10°25 1°22 14°38 12°56 2°49 7°40 MC T 30 2 36 11 7°12'17 17° 1 12°40 24°18 3°34 14°22 17°54 8° 1 10°26 1°24 14°29 12°53 2°55 7°37 T 3 | S 27 | 2 24 21 | 4°15'00 | 9 º 5 | 7°35 | 20°35 | 1°31 | 13°47 | 17°44 | 7°51 | 10°25 | 1°17 | 14°51 | 13° 3 | 2°35 | 7°45 | S 27 |
| T 30 2 36 11 7°12'17 17° 1 12°40 24°18 3°34 14°22 17°54 8° 1 10°26 1°24 14°29 12°53 2°55 7°37 T 3 | | | | | - | | | | | | | | | | | | S 28 |
| | | | | | | | | | | | | | | | - | | M29 |
| 【W31 2 40 8 8肌11'27 29肌17 14肌20 25肌33 4ポ15 14ポ34 17Ω57 8♀5 10≈26 1ポ26 14光19 12光50 3呂 2 7肛35 W3 | | | | | - | - | | | | | | | | | | | T 30 |
| | W31 | 2 40 8 | 8ML11'27 | 29 IL 17 | 14ML20 | 25 M 33 | 4 ₹ 15 | 14 ~ 34 | 17 Ω 57 | 8 º 5 | 10≈26 | 1 才 26 | 14 米 19 | 12 米 50 | 3 궁 2 | 7 Ⅲ 35 | W31 |

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|------|---------|------------------|-----------------|----------------|----------------|----------------|-----------------|---------------|---------------|-------|----------------|----------------|------------------|----------------|---------------|------|
| T 1 | 2 44 4 | 9 m 10'38 | 11 × 724 | 15 M 59 | 26 M 47 | 4 ₹ 56 | 14 ×7 46 | 18 Ω 0 | 8 亚 8 | 10≈26 | 1 ₹ 29 | 14°R 8 | 12) (47 | 3ට 9 | 7°R32 | T 1 |
| F 2 | 2 48 1 | 10° 9'51 | 2 <u>3</u> °23 | 17°38 | 28° 1 | 5°37 | 14°58 | 18° 3 | 8°12 | 10°27 | 1°31 | 13 米 59 | 12°44 | 3°16 | 7 Ⅱ 30 | F 2 |
| S 3 | 2 51 57 | 11° 9'07 | 5 궁 16 | 19°16 | 29°16 | 6°18 | 15°10 | 18° 6 | 8°15 | 10°27 | 1°33 | 13°51 | 12°40 | 3°22 | 7°27 | S 3 |
| S 4 | 2 55 54 | 12° 8'23 | 17° 6 | 20°53 | 0 ₮ 30 | 6°59 | 15°22 | 18° 9 | 8°18 | 10°27 | 1°36 | 13°45 | 12°37 | 3°29 | 7°24 | S 4 |
| M 5 | 2 59 50 | 13° 7'42 | 28°57 | 22°29 | 1°45 | 7°41 | 15°34 | 18°12 | 8°21 | 10°28 | 1°38 | 13°42 | 12°34 | 3°36 | 7°22 | M 5 |
| T 6 | 3 3 47 | 14° 7'02 | 10≈55 | 24° 5 | 2°59 | 8°22 | 15°46 | 18°14 | 8°25 | 10°28 | 1°40 | 13°D41 | 12°31 | 3°42 | 7°19 | T 6 |
| W 7 | 3 7 44 | 15° 6'24 | 23° 4 | 25°40 | 4°13 | 9° 3 | 15°59 | 18°17 | 8°28 | 10°29 | 1°43 | 13°41 | 12°28 | 3°49 | 7°16 | W 7 |
| T 8 | 3 11 40 | 16° 5'48 | 5) (30 | 27°14 | 5°28 | 9°45 | 16°11 | 18°19 | 8°31 | 10°29 | 1°45 | 13°42 | 12°24 | 3°56 | 7°14 | T 8 |
| F 9 | 3 15 37 | 17° 5'13 | 18°17 | 28°48 | 6°42 | 10°26 | 16°23 | 18°22 | 8°34 | 10°30 | 1°47 | 13°R42 | 12°21 | 4° 3 | 7°11 | F 9 |
| S 10 | 3 19 33 | 18° 4'40 | 1 Y 30 | 0 ≯ 21 | 7°56 | 11° 8 | 16°36 | 18°24 | 8°37 | 10°31 | 1°50 | 13°41 | 12°18 | 4° 9 | 7° 8 | S 10 |
| S 11 | 3 23 30 | 19° 4'09 | 15°10 | 1°54 | 9°11 | 11°50 | 16°48 | 18°26 | 8°40 | 10°31 | 1°52 | 13°37 | 12°15 | 4°16 | 7° 5 | S 11 |
| M12 | 3 27 26 | 20° 3'39 | 29°18 | 3°25 | 10°25 | 12°31 | 17° 0 | 18°28 | 8°44 | 10°32 | 1°54 | 13°31 | 12°12 | 4°23 | 7° 2 | M12 |
| T 13 | 3 31 23 | 21° 3'11 | 13 8 51 | 4°57 | 11°39 | 13°13 | 17°13 | 18°30 | 8°47 | 10°33 | 1°57 | 13°22 | 12° 9 | 4°29 | 6°59 | T 13 |
| W14 | 3 35 19 | 22° 2'46 | 28°42 | 6°27 | 12°54 | 13°55 | 17°26 | 18°32 | 8°50 | 10°33 | 1°59 | 13°12 | 12° 5 | 4°36 | 6°56 | W14 |
| T 15 | 3 39 16 | 23° 2'22 | 13 Ⅱ 43 | 7°57 | 14° 8 | 14°37 | 17°38 | 18°33 | 8°53 | 10°34 | 2° 2 | 13° 1 | 12° 2 | 4°43 | 6°54 | T 15 |
| F 16 | 3 43 13 | 24° 2'01 | 28°44 | 9°27 | 15°22 | 15°19 | 17°51 | 18°35 | 8°56 | 10°35 | 2° 4 | 12°52 | 11°59 | 4°50 | 6°51 | F 16 |
| S 17 | 3 47 9 | 25° 1'41 | 13935 | 10°55 | 16°37 | 16° 1 | 18° 3 | 18°36 | 8°58 | 10°36 | 2° 6 | 12°44 | 11°56 | 4°56 | 6°48 | S 17 |
| S 18 | 3 51 6 | 26° 1'24 | 28°10 | 12°24 | 17°51 | 16°43 | 18°16 | 18°38 | 9° 1 | 10°37 | 2° 9 | 12°39 | 11°53 | 5° 3 | 6°45 | S 18 |
| M19 | 3 55 2 | 27° 1'09 | $12\Omega_{25}$ | 13°51 | 19° 5 | 17°25 | 18°29 | 18°39 | 9° 4 | 10°38 | 2°11 | 12°36 | 11°50 | 5°10 | 6°42 | M19 |
| T 20 | 3 58 59 | 28° 0'56 | 26°18 | 15°18 | 20°20 | 18° 7 | 18°42 | 18°40 | 9° 7 | 10°39 | 2°14 | 12°D35 | 11°46 | 5°16 | 6°39 | T 20 |
| W21 | 4 2 5 5 | 29° 0'45 | 9 m 50 | 16°44 | 21°34 | 18°50 | 18°55 | 18°41 | 9°10 | 10°40 | 2°16 | 12°R35 | 11°43 | 5°23 | 6°36 | W21 |
| T 22 | 4 6 52 | 0 ≯ 0'36 | 23° 3 | 18°10 | 22°48 | 19°32 | 19° 8 | 18°42 | 9°12 | 10°41 | 2°18 | 12°35 | 11°40 | 5°30 | 6°33 | T 22 |
| F 23 | 4 10 48 | 1° 0'29 | 6 ₽ 0 | 19°35 | 24° 2 | 20°14 | 19°20 | 18°43 | 9°15 | 10°42 | 2°21 | 12°33 | 11°37 | 5°37 | 6°30 | F 23 |
| S 24 | 4 14 45 | 2° 0'25 | 18°43 | 20°59 | 25°17 | 20°57 | 19°33 | 18°43 | 9°18 | 10°43 | 2°23 | 12°29 | 11°34 | 5°43 | 6°27 | S 24 |
| S 25 | 4 18 42 | 3° 0'22 | 1 M .15 | 22°23 | 26°31 | 21°39 | 19°46 | 18°44 | 9°20 | 10°44 | 2°26 | 12°21 | 11°30 | 5°50 | 6°23 | S 25 |
| M26 | 4 22 38 | 4° 0'22 | 13°37 | 23°45 | 27°45 | 22°22 | 19°59 | 18°45 | 9°23 | 10°45 | 2°28 | 12°11 | 11°27 | 5°57 | 6°20 | M26 |
| T 27 | 4 26 35 | 5° 0'23 | 25°51 | 25° 7 | 29° 0 | 23° 5 | 20°12 | 18°45 | 9°25 | 10°46 | 2°31 | 11°58 | 11°24 | 6° 3 | 6°17 | T 27 |
| W28 | 4 30 31 | 6° 0'27 | 7 . ₹58 | 26°28 | 0 궁 14 | 23°47 | 20°25 | 18°45 | 9°28 | 10°47 | 2°33 | 11°43 | 11°21 | 6°10 | 6°14 | W28 |
| T 29 | 4 34 28 | 7° 0'32 | 19°58 | 27°47 | 1°28 | 24°30 | 20°39 | 18°45 | 9°30 | 10°48 | 2°35 | 11°28 | 11°18 | 6°17 | 6°11 | T 29 |
| F 30 | 4 38 24 | 8 才 0'39 | 1 る 52 | 29 ∡ 6 | 2 ප් 43 | 25 × 13 | 20 ₹ 52 | 18°R45 | 9 ॒ 33 | 10≈50 | 2 , ₹38 | 11 米 15 | 11 米 15 | 6 පි 24 | 6 I 8 | F 30 |

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| S 1 | 4 42 21 | 9 % 0'47 | 13 る 43 | 0 궁 23 | 3 ප 57 | 25 × 756 | 21 ×7 5 | 18°R45 | 9 ≙ 35 | 10≈51 | 2 ₹ 40 | 11°R 3 | 11 米 11 | 6 ප 30 | 6°R 5 | S 1 |
| S 2 | 4 46 17 | 10° 0'57 | 25°32 | 1°38 | 5°11 | 26°39 | 21°18 | 18 Ω 45 | 9°37 | 10°52 | 2°43 | 10) €54 | 11° 8 | 6°37 | 6 I I 2 | S 2 |
| M 3 | 4 50 14 | 11° 1'09 | 7≈22 | 2°52 | 6°25 | 27°22 | 21°31 | 18°45 | 9°40 | 10°54 | 2°45 | 10°48 | 11° 5 | 6°44 | 5°59 | M 3 |
| T 4 | 4 54 11 | 12° 1'22 | 19°18 | 4° 4 | 7°40 | 28° 5 | 21°44 | 18°44 | 9°42 | 10°55 | 2°48 | 10°44 | 11° 2 | 6°50 | 5°56 | T 4 |
| W 5 | 4 58 7 | 13° 1'36 | 1) (24 | 5°15 | 8°54 | 28°48 | 21°58 | 18°44 | 9°44 | 10°56 | 2°50 | 10°43 | 10°59 | 6°57 | 5°53 | W 5 |
| T 6 | 5 2 4 | 14° 1'52 | 13°45 | 6°23 | 10° 8 | 29°31 | 22°11 | 18°43 | 9°46 | 10°58 | 2°52 | 10°43 | 10°56 | 7° 4 | 5°50 | T 6 |
| F 7 | 5 6 0 | 15° 2'09 | 26°26 | 7°28 | 11°23 | 0 궁 15 | 22°24 | 18°42 | 9°48 | 10°59 | 2°55 | 10°43 | 10°52 | 7°10 | 5°47 | F 7 |
| S 8 | 5 9 57 | 16° 2'28 | 9 Υ 33 | 8°30 | 12°37 | 0°58 | 22°37 | 18°41 | 9°50 | 11° 1 | 2°57 | 10°41 | 10°49 | 7°17 | 5°44 | S 8 |
| S 9 | 5 13 53 | 17° 2'47 | 23° 9 | 9°30 | 13°51 | 1°41 | 22°51 | 18°40 | 9°52 | 11° 2 | 2°59 | 10°37 | 10°46 | 7°24 | 5°41 | S 9 |
| M10 | 5 17 50 | 18° 3'09 | 7 8 15 | 10°25 | 15° 5 | 2°25 | 23° 4 | 18°39 | 9°54 | 11° 4 | 3° 2 | 10°31 | 10°43 | 7°31 | 5°38 | M10 |
| T 11 | 5 21 46 | 19° 3'31 | 21°51 | 11°16 | 16°19 | 3° 8 | 23°17 | 18°38 | 9°56 | 11° 5 | 3° 4 | 10°22 | 10°40 | 7°37 | 5°35 | T 11 |
| W12 | 5 25 43 | 20° 3'55 | 6耳50 | 12° 3 | 17°34 | 3°52 | 23°31 | 18°37 | 9°58 | 11° 7 | 3° 7 | 10°11 | 10°36 | 7°44 | 5°32 | W12 |
| T 13 | 5 29 40 | 21° 4'21 | 22° 5 | 12°44 | 18°48 | 4°35 | 23°44 | 18°35 | 10° 0 | 11°8 | 3° 9 | 9°59 | 10°33 | 7°51 | 5°29 | T 13 |
| F 14 | 5 33 36 | 22° 4'48 | 79524 | 13°20 | 20° 2 | 5°19 | 23°57 | 18°34 | 10° 2 | 11°10 | 3°11 | 9°49 | 10°30 | 7°57 | 5°26 | F 14 |
| S 15 | 5 37 33 | 23° 5'16 | 22°36 | 13°48 | 21°16 | 6° 3 | 24°11 | 18°32 | 10° 3 | 11°12 | 3°14 | 9°40 | 10°27 | 8° 4 | 5°23 | S 15 |
| S 16 | 5 41 29 | 24° 5'47 | 7 Ω 30 | 14° 9 | 22°30 | 6°46 | 24°24 | 18°30 | 10° 5 | 11°13 | 3°16 | 9°34 | 10°24 | 8°11 | 5°20 | S 16 |
| M17 | 5 45 26 | 25° 6'18 | 22° 1 | 14°22 | 23°44 | 7°30 | 24°37 | 18°28 | 10° 7 | 11°15 | 3°18 | 9°31 | 10°21 | 8°18 | 5°18 | M17 |
| T 18 | 5 49 22 | 26° 6'52 | 6Mp 5 | 14°R27 | 24°58 | 8°14 | 24°51 | 18°26 | 10° 8 | 11°17 | 3°20 | 9°D30 | 10°17 | 8°24 | 5°15 | T 18 |
| W19 | 5 53 19 | 27° 7'26 | 19°42 | 14°21 | 26°13 | 8°58 | 25° 4 | 18°24 | 10°10 | 11°19 | 3°23 | 9°30 | 10°14 | 8°31 | 5°12 | W19 |
| T 20 | 5 57 16 | 28° 8'03 | 2 ჲ 55 | 14° 5 | 27°27 | 9°42 | 25°17 | 18°22 | 10°11 | 11°20 | 3°25 | 9°R30 | 10°11 | 8°38 | 5° 9 | T 20 |
| F 21 | 6 1 12 | 2 <u>9°</u> 8'41 | 15°47 | 13°38 | 28°41 | 10°26 | 25°31 | 18°20 | 10°13 | 11°22 | 3°27 | 9°29 | 10° 8 | 8°44 | 5° 6 | F 21 |
| S 22 | 6 5 9 | 0궁 9'21 | 28°21 | 13° 0 | 29°55 | 11°10 | 25°44 | 18°18 | 10°14 | 11°24 | 3°29 | 9°25 | 10° 5 | 8°51 | 5° 4 | S 22 |
| S 23 | 6 9 5 | 1°10'02 | 10 M 42 | 12°12 | 1≈ 9 | 11°54 | 25°57 | 18°15 | 10°15 | 11°26 | 3°32 | 9°19 | 10° 2 | 8°58 | 5° 1 | S 23 |
| M24 | 6 13 2 | 2°10'45 | 22°53 | 11°13 | 2°23 | 12°38 | 26°10 | 18°13 | 10°16 | 11°28 | 3°34 | 9°10 | 9°58 | 9° 5 | 4°58 | M24 |
| T 25 | 6 16 58 | 3°11'29 | 4 ₹ 756 | 10° 5 | 3°37 | 13°23 | 26°24 | 18°10 | 10°18 | 11°29 | 3°36 | 8°58 | 9°55 | 9°11 | 4°56 | T 25 |
| W26 | 6 20 55 | 4°12'15 | 16°54 | 8°50 | 4°51 | 14° 7 | 26°37 | 18° 7 | 10°19 | 11°31 | 3°38 | 8°46 | 9°52 | 9°18 | 4°53 | W26 |
| T 27 | 6 24 51 | 5°13'02 | 28°48 | 7°30 | 6° 5 | 14°51 | 26°50 | 18° 4 | 10°20 | 11°33 | 3°40 | 8°33 | 9°49 | 9°25 | 4°51 | T 27 |
| F 28 | 6 28 48 | 6°13'50 | 10 る 39 | 6° 7 | 7°19 | 15°36 | 27° 4 | 18° 1 | 10°21 | 11°35 | 3°43 | 8°20 | 9°46 | 9°31 | 4°48 | F 28 |
| S 29 | 6 32 45 | 7°14'39 | 22°30 | 4°45 | 8°33 | 16°20 | 27°17 | 17°58 | 10°22 | 11°37 | 3°45 | 8°10 | 9°42 | 9°38 | 4°46 | S 29 |
| S 30 | 6 36 41 | 8°15'29 | 4≈21 | 3°25 | 9°47 | 17° 5 | 27°30 | 17°55 | 10°23 | 11°39 | 3°47 | 8° 2 | 9°39 | 9°45 | 4°43 | S 30 |
| M31 | 6 40 38 | 9 ට 16'20 | 16≈14 | 2 ਰ 11 | 11≈ 1 | 17 る 50 | 27 × 743 | 17 Ω 52 | 10 ≏ 23 | 11≈41 | 3 ∡ 749 | 7 ∺ 57 | 9 ∺ 36 | 9 ට 51 | 4∏41 | M31 |

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| T 1 W 2 T 3 F 4 | 6 44 34 6 48 31 6 52 27 6 56 24 | 10 3 17'11 11°18'04 12°18'57 13°19'50 | 28≈13 10 光 21 22°42 5 Y 20 | 1°R 5 0 ろ 9 29 ズ 23 28°48 | 12≈15 13°29 14°43 15°56 | 18 3 34 19°19 20° 4 20°49 | 27 ₹ 57 28°10 28°23 28°36 | 17°R49 17 Ω 45 17°42 17°38 | 10 <u>2</u> 24 10°25 10°26 10°26 | 11≈43 11°45 11°47 11°49 | 3 ₹ 51 3°53 3°55 3°57 | 7°R54 7°D54 7 光 54 7°55 | 9 \(\frac{4}{33}\) 9°30 9°27 9°23 | 9 5 58 10° 5 10°12 10°18 | 4°R38 4П36 4°34 4°32 | T 1 W 2 T 3 F 4 |
| S 5 S 6 M 7 T 8 W 9 T 10 F 11 | 7 0 20 7 4 17 7 8 14 7 12 10 7 16 7 7 20 3 7 24 0 | 14°20'45 15°21'39 16°22'35 17°23'31 18°24'27 19°25'24 20°26'22 | 18°21 1 8 47 15°42 0耳 6 14°55 0© 4 15°23 | 28°24 28°11 28°D 9 28°17 28°34 28°59 29°31 | 17°10 18°24 19°38 20°51 22° 5 23°19 24°32 | 21°33 22°18 23° 3 23°48 24°33 25°18 26° 4 | 28°49 29° 2 29°16 29°29 29°42 29°55 0 8 | 17°34 17°31 17°27 17°23 17°19 17°15 17°11 | 10°27 10°28 10°28 10°29 10°29 10°29 | 11°51 11°53 11°55 11°57 11°59 12° 2 12° 4 | 3°59 4° 1 4° 3 4° 5 4° 7 4° 9 4°10 | 7°R55 7°54 7°50 7°45 7°38 7°30 7°23 | 9°20 9°17 9°14 9°11 9° 8 9° 4 | 10°25 10°32 10°38 10°45 10°52 10°58 11°5 | 4°29 4°27 4°25 4°23 4°21 4°19 4°17 | S 5 S 6 M 7 T 8 W 9 T 10 F 11 |
| S 12 S 13 M14 T 15 W16 T 17 F 18 | 7 27 56 7 31 53 7 35 50 7 39 46 7 43 43 7 47 39 7 51 36 | 21°27'20 22°28'19 23°29'18 24°30'18 25°31'19 26°32'21 27°33'23 | 0 Q 40 15°45 0 m 29 14°47 28°37 11 • 58 24°55 | 0°55 1°46 2°40 3°39 4°42 5°48 | 25°46 26°59 28°13 29°26 0\(\mathcal{H}\)40 1°53 3°6 | 26°49 27°34 28°19 29° 5 29°50 0≈36 1°21 | 0°20 0°33 0°46 0°59 1°12 1°25 1°37 | 17° 7 17° 3 16°58 16°54 16°50 16°45 16°41 | 10°29 10°29 10°29 10°R29 10°29 10°29 10°29 | 12° 6 12° 8 12°10 12°12 12°15 12°17 12°19 | 4°12 4°14 4°16 4°18 4°19 4°21 4°23 | 7°17 7°13 7°D11 7°11 7°12 7°14 7°R14 | 8°58 8°55 8°52 8°48 8°45 8°42 8°39 | 11°12 11°19 11°25 11°32 11°39 11°45 11°52 | 4°16 4°14 4°12 4°10 4° 9 4° 7 4° 6 | S 12 S 13 M14 T 15 W16 T 17 F 18 |
| S 19 S 20 M21 T 22 W23 T 24 F 25 S 26 | 7 55 32 7 59 29 8 3 25 8 7 22 8 11 19 8 15 15 8 19 12 8 23 8 | 28°34'26 29°35'29 0≈36'33 1°37'38 2°38'43 3°39'49 4°40'55 5°42'01 | 7M.31 19°50 1,₹56 13°54 25°46 7₹37 19°27 1≈20 | 6°56 8° 7 9°20 10°35 11°52 13°11 14°30 15°51 | 4°20 5°33 6°46 7°59 9°12 10°25 11°38 12°51 | 2° 7 2°52 3°38 4°23 5° 9 5°55 6°41 7°27 | 1°50 2° 3 2°15 2°28 2°40 2°53 3° 5 3°17 | 16°36 16°32 16°27 16°22 16°18 16°13 16° 8 16° 3 | 10°29 10°28 10°28 10°27 10°27 10°26 10°26 | 12°21 12°23 12°26 12°28 12°30 12°32 12°35 12°37 | 4°24 4°26 4°27 4°29 4°31 4°32 4°33 4°35 | 7°14 7°12 7° 8 7° 3 6°56 6°50 6°43 6°38 | 8°36 8°33 8°29 8°26 8°23 8°20 8°17 8°14 | 11°59 12° 5 12°12 12°19 12°26 12°32 12°39 12°46 | 4° 4 4° 3 4° 1 4° 0 3°59 3°58 3°56 3°55 | S 19 S 20 M21 T 22 W23 T 24 F 25 S 26 |
| S 27 M28 T 29 W30 T 31 | 8 27 5 8 31 1 8 34 58 8 38 54 8 42 51 | 6°43'07 7°44'13 8°45'19 9°46'25 10≈47'30 | 13°17 25°18 7₩28 19°46 2 Υ 16 | 17°13 18°36 20° 0 21°25 22 ~ 51 | 14° 4 15°17 16°30 17°42 18 ¥ 55 | 8°13 8°58 9°44 10°30 11≈17 | 3°30 3°42 3°54 4° 6 4♂18 | 15°58 15°54 15°49 15°44 15 Ω 39 | 10°25 10°24 10°24 10°23 10 -2 22 | 12°39 12°41 12°44 12°46 12≈48 | 4°36 4°38 4°39 4°40 4 x ⁷ 42 | 6°34 6°32 6°D31 6°32 6₩34 | 8°10 8° 7 8° 4 8° 1 7 ¥ 58 | 12°52 12°59 13° 6 13°12 13 ठ 19 | 3°54 3°53 3°53 3°52 3Д51 | S 27 M28 T 29 W30 T 31 |

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| F 1 | 8 46 48 | 11≈48'36 | 15 Y 1 | 24 궁 17 | 20) 7 | 12≈ 3 | 4 る 30 | 15°R34 | 10°R21 | 12≈51 | 4 ₹ 43 | 6) €35 | 7 ∺ 54 | 13 る 26 | 3°R50 | F 1 |
| S 2 | 8 50 44 | 12°49'40 | 28° 4 | 25°44 | 21°20 | 12°49 | 4°42 | 15 Ω 29 | 10 ≏ 20 | 12°53 | 4°44 | 6°37 | 7°51 | 13°33 | 3耳50 | S 2 |
| S 3 | 8 54 41 | 13°50'45 | 11826 | 27°12 | 22°32 | 13°35 | 4°54 | 15°24 | 10°19 | 12°55 | 4°45 | 6°R38 | 7°48 | 13°39 | 3°49 | S 3 |
| M 4 | 8 58 37 | 14°51'49 | 25°11 | 28°40 | 23°45 | 14°21 | 5° 5 | 15°19 | 10°18 | 12°57 | 4°46 | 6°37 | 7°45 | 13°46 | 3°49 | M 4 |
| T 5 | 9 2 34 | 15°52'53 | 9Д18 | 0≈ 9 | 24°57 | 15° 7 | 5°17 | 15°14 | 10°17 | 13° 0 | 4°48 | 6°36 | 7°42 | 13°53 | 3°48 | T 5 |
| W 6 | 9 6 30 | 16°53'56 | 23°48 | 1°38 | 26° 9 | 15°54 | 5°29 | 15° 9 | 10°16 | 13° 2 | 4°49 | 6°34 | 7°39 | 13°59 | 3°48 | W 6 |
| T 7 | 9 10 27 | 17°54'58 | 8935 | 3° 9 | 27°21 | 16°40 | 5°40 | 15° 4 | 10°14 | 13° 4 | 4°50 | 6°31 | 7°35 | 14° 6 | 3°47 | T 7 |
| F 8 | 9 14 24 | 18°56'00 | 23°34 | 4°39 | 28°33 | 17°26 | 5°52 | 14°59 | 10°13 | 13° 6 | 4°51 | 6°29 | 7°32 | 14°13 | 3°47 | F 8 |
| S 9 | 9 18 20 | 19°57'01 | 8 Ω 37 | 6°10 | 29°45 | 18°13 | 6° 3 | 14°54 | 10°12 | 13° 9 | 4°52 | 6°27 | 7°29 | 14°19 | 3°47 | S 9 |
| S 10 | 9 22 17 | 20°58'02 | 23°34 | 7°42 | 0 Υ 57 | 18°59 | 6°15 | 14°50 | 10°10 | 13°11 | 4°53 | 6°26 | 7°26 | 14°26 | 3°47 | S 10 |
| M11 | 9 26 13 | 21°59'02 | 8 m)17 | 9°14 | 2° 8 | 19°46 | 6°26 | 14°45 | 10° 9 | 13°13 | 4°54 | 6°D25 | 7°23 | 14°33 | 3°47 | M11 |
| T 12 | 9 30 10 | 23° 0'02 | 22°40 | 10°47 | 3°20 | 20°32 | 6°37 | 14°40 | 10° 7 | 13°15 | 4°54 | 6°26 | 7°20 | 14°40 | 3°D47 | T 12 |
| W13 | 9 34 6 | 24° 1'02 | 6 ₾ 37 | 12°20 | 4°32 | 21°19 | 6°48 | 14°35 | 10° 6 | 13°18 | 4°55 | 6°27 | 7°16 | 14°46 | 3°47 | W13 |
| T 14 | 9 38 3 | 25° 2'01 | 20° 9 | 13°54 | 5°43 | 22° 5 | 6°59 | 14°30 | 10° 4 | 13°20 | 4°56 | 6°28 | 7°13 | 14°53 | 3°47 | T 14 |
| F 15 | 9 41 59 | 26° 3'00 | 3 M .14 | 15°29 | 6°54 | 22°52 | 7°10 | 14°25 | 10° 3 | 13°22 | 4°57 | 6°29 | 7°10 | 15° 0 | 3°47 | F 15 |
| S 16 | 9 45 56 | 27° 3'58 | 15°57 | 17° 4 | 8° 5 | 23°38 | 7°21 | 14°21 | 10° 1 | 13°24 | 4°58 | 6°29 | 7° 7 | 15° 6 | 3°47 | S 16 |
| S 17 | 9 49 53 | 28° 4'56 | 28°20 | 18°40 | 9°17 | 24°25 | 7°32 | 14°16 | 9°59 | 13°27 | 4°58 | 6°R30 | 7° 4 | 15°13 | 3°48 | S 17 |
| M18 | 9 53 49 | 29° 5'54 | 10 渘 28 | 20°16 | 10°28 | 25°12 | 7°42 | 14°11 | 9°58 | 13°29 | 4°59 | 6°29 | 7° 0 | 15°20 | 3°48 | M18 |
| T 19 | 9 57 46 | 0 ∺ 6'51 | 22°25 | 21°53 | 11°38 | 25°58 | 7°53 | 14° 6 | 9°56 | 13°31 | 5° 0 | 6°29 | 6°57 | 15°26 | 3°49 | T 19 |
| W20 | 10 1 42 | 1° 7'48 | 4 궁 16 | 23°30 | 12°49 | 26°45 | 8° 3 | 14° 2 | 9°54 | 13°33 | 5° 0 | 6°28 | 6°54 | 15°33 | 3°49 | W20 |
| T 21 | 10 5 39 | 2° 8'44 | 16° 6 | 25° 9 | 14° 0 | 27°32 | 8°14 | 13°57 | 9°52 | 13°35 | 5° 1 | 6°28 | 6°51 | 15°40 | 3°50 | T 21 |
| F 22 | 10 9 35 | 3° 9'40 | 27°57 | 26°48 | 15°10 | 28°19 | 8°24 | 13°53 | 9°50 | 13°38 | 5° 1 | 6°27 | 6°48 | 15°46 | 3°50 | F 22 |
| S 23 | 10 13 32 | 4°10'35 | 9 ≈ 54 | 28°27 | 16°21 | 29° 6 | 8°34 | 13°48 | 9°48 | 13°40 | 5° 2 | 6°27 | 6°45 | 15°53 | 3°51 | S 23 |
| S 24 | 10 17 28 | 5°11'29 | 21°58 | 0) 7 | 17°31 | 29°52 | 8°44 | 13°44 | 9°46 | 13°42 | 5° 2 | 6°26 | 6°41 | 16° 0 | 3°52 | S 24 |
| M25 | 10 21 25 | 6°12'22 | 4) (11 | 1°48 | 18°41 | 0 ∺ 39 | 8°54 | 13°39 | 9°44 | 13°44 | 5° 3 | 6°26 | 6°38 | 16° 7 | 3°52 | M25 |
| T 26 | 10 25 22 | 7°13'14 | 16°36 | 3°30 | 19°51 | 1°26 | 9° 4 | 13°35 | 9°42 | 13°46 | 5° 3 | 6°26 | 6°35 | 16°13 | 3°53 | T 26 |
| W27 | 10 29 18 | 8°14'05 | 29°12 | 5°13 | 21° 1 | 2°13 | 9°14 | 13°31 | 9°40 | 13°48 | 5° 4 | 6°26 | 6°32 | 16°20 | 3°54 | W27 |
| T 28 | 10 33 15 | 9) 14'55 | 12 ° 2 | 6 ¥ 56 | 22 Υ 11 | 3 ∺ 0 | 9 궁 23 | 13 Ω 27 | 9 ₾ 38 | 13≈50 | 5 才 4 | 6 ∺ 26 | 6 ∺ 29 | 16 ප 27 | 3 Ⅱ 55 | T 28 |

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| F 1 | 10 37 11 | 10) 15'44 | 25 Y 4 | 8) (40 | 23 Y 20 | 3) €47 | 9 ට 33 | 13°R22 | 9°R36 | 13≈53 | 5 % 4 | 6°R26 | 6 ¥ 26 | 16 ට 33 | 3Д56 | F 1 |
| S 2 | 10 41 8 | 11°16'31 | 8 8 21 | 10°24 | 24°30 | 4°34 | 9°42 | 13 \O 18 | 9 ≙ 34 | 13°55 | 5° 4 | 6 ¥ 25 | 6°22 | 16°40 | 3°58 | S 2 |
| S 3 | 10 45 4 | 12°17'18 | 21°52 | 12°10 | 25°39 | 5°21 | 9°52 | 13°14 | 9°31 | 13°57 | 5° 5 | 6°25 | 6°19 | 16°47 | 3°59 | S 3 |
| M 4 T 5 | 10 49 1 | 13°18'02 | 5 ∏ 37 19°37 | 13°56 15°43 | 26°48 27°57 | 6° 8 6°55 | 10° 1 | 13°10 13° 7 | 9°29 9°27 | 13°59 14° 1 | 5° 5 5° 5 | 6°24 | 6°16 6°13 | 16°53 17° 0 | 4° 0 4° 1 | M 4 T 5 |
| W 6 | 10 52 57 10 56 54 | 14°18'46 15°19'28 | 3 9 50 | 17°30 | 29° 6 | 7°42 | 10°10 10°19 | 13° / | 9°27 | 14° 1 | 5° 5 5° 5 | 6°D24 6°25 | 6°10 | 17° 0 | 4° 1 | W 6 |
| T 7 | 11 0 50 | 16°20'08 | 18°13 | 19°19 | 0815 | 8°29 | 10°28 | 12°59 | 9°22 | 14° 5 | 5° 5 | 6°25 | 6° 6 | 17°13 | 4° 4 | T 7 |
| F 8 | 11 4 47 | 17°20'47 | 2 Ω 45 | 21° 7 | 1°23 | 9°16 | 10°37 | 12°55 | 9°20 | 14° 7 | 5°R 5 | 6°26 | 6° 3 | 17°20 | 4° 6 | F 8 |
| S 9 | 11 8 44 | 18°21'24 | 17°20 | 22°57 | 2°31 | 10° 3 | 10°45 | 12°52 | 9°18 | 14° 9 | 5° 5 | 6°27 | 6° 0 | 17°27 | 4° 7 | S 9 |
| S 10 | 11 12 40 | 19°22'00 | 1 m) 53 | 24°47 | 3°39 | 10°51 | 10°54 | 12°48 | 9°15 | 14°11 | 5° 5 | 6°R28 | 5°57 | 17°33 | 4° 9 | S 10 |
| M11 | 11 16 37 | 20°22'34 | 16°17 | 26°38 | 4°47 | 11°38 | 11° 2 | 12°45 | 9°13 | 14°13 | 5° 5 | 6°27 | 5°54 | 17°40 | 4°10 | M11 |
| T 12 | 11 20 33 | 21°23'07 | 0 <u>₽</u> 29 | 28°28 | 5°55 | 12°25 | 11°10 | 12°42 | 9°10 | 14°14 | 5° 5 | 6°27 | 5°51 | 17°47 | 4°12 | T 12 |
| W13 T 14 | 11 24 30 11 28 26 | 22°23'38 23°24'08 | 14°22 27°53 | 0 Υ 20 2°11 | 7° 2 8° 9 | 13°12 13°59 | 11°19 11°27 | 12°38 12°35 | 9° 8 9° 5 | 14°16 14°18 | 5° 5 5° 4 | 6°25 6°22 | 5°47 5°44 | 17°54 18° 0 | 4°14 4°16 | W13 T 14 |
| F 15 | 11 28 20 | 23 24 08 24°24'37 | 11 M 2 | 4° 2 | 9°16 | 13 39 14°46 | 11°34 | 12°32 | 9° 3 | 14 18 14°20 | 5° 4 | 6°20 | 5°41 | 18° 7 | 4°18 | F 15 |
| S 16 | 11 36 19 | 25°25'05 | 23°50 | 5°52 | 10°23 | 15°34 | 11°42 | 12°29 | 9° 0 | 14°22 | 5° 4 | 6°17 | 5°38 | 18°14 | 4°19 | S 16 |
| S 17 | 11 40 16 | 26°25'31 | 6 ₹ 17 | 7°43 | 11°30 | 16°21 | 11°50 | 12°26 | 8°58 | 14°24 | 5° 4 | 6°15 | 5°35 | 18°20 | 4°21 | S 17 |
| M18 | 11 44 13 | 27°25'57 | 18°28 | 9°32 | 12°36 | 17° 8 | 11°57 | 12°24 | 8°55 | 14°26 | 5° 3 | 6°14 | 5°31 | 18°27 | 4°24 | M18 |
| T 19 | 11 48 9 | 28°26'21 | 0중28 | 11°20 | 13°42 | 17°55 | 12° 4 | 12°21 | 8°53 | 14°27 | 5° 3 | 6°D14 | 5°28 | 18°34 | 4°26 | T 19 |
| W20 | 11 52 6 | 29°26'44 | 12°20 | 13° 7 | 14°48 | 18°42 | 12°12 | 12°18 | 8°50 | 14°29 | 5° 3 | 6°14 | 5°25 | 18°40 | 4°28 | W20 |
| T 21 F 22 | 11 56 2 11 59 59 | 0 Υ 27'05 1°27'25 | 24°10 6≈ 2 | 14°51 16°33 | 15°54 16°59 | 19°30 20°17 | 12°19 12°26 | 12°16 12°14 | 8°48 8°45 | 14°31 14°33 | 5° 2 5° 2 | 6°16 6°17 | 5°22 5°19 | 18°47 18°54 | 4°30 4°32 | T 21 F 22 |
| S 23 | 12 3 55 | 2°27'44 | 18° 2 | 18°13 | 18° 4 | 20 17 21° 4 | 12°32 | 12°11 | 8°42 | 14°34 | 5° 1 | 6°19 | 5°16 | 18 34 19° 0 | 4°35 | S 23 |
| S 24 | 12 7 52 | 3°28'01 | 0 ₩ 12 | 19°48 | 19° 9 | 21°52 | 12°39 | 12° 9 | 8°40 | 14°36 | 5° 1 | 6°R20 | 5°12 | 19° 7 | 4°37 | S 24 |
| M25 | 12 11 48 | 4°28'16 | 12°36 | 21°20 | 20°13 | 22°39 | 12°45 | 12° 7 | 8°37 | 14°37 | 5° 0 | 6°20 | 5° 9 | 19°14 | 4°39 | M25 |
| T 26 | 12 15 45 | 5°28'30 | 25°16 | 22°47 | 21°18 | 23°26 | 12°52 | 12° 5 | 8°35 | 14°39 | 4°59 | 6°19 | 5° 6 | 19°20 | 4°42 | T 26 |
| W27 | 12 19 42 | 6°28'43 | 8 Υ 13 | 24° 9 | 22°22 | 24°13 | 12°58 | 12° 3 | 8°32 | 14°41 | 4°59 | 6°16 | 5° 3 | 19°27 | 4°44 | W27 |
| T 28 | 12 23 38 | 7°28'53 | 21°26 | 25°24 | 23°25 | 25° 1 | 13° 4 | 12° 1 | 8°29 | 14°42 | 4°58 | 6°11 | 5° 0 | 19°34 | 4°47 | T 28 |
| F 29 S 30 | 12 27 35 12 31 31 | 8°29'02 9°29'09 | 4 8 55 | 26°34 27°37 | 24°29 25°32 | 25°48 26°35 | 13°10 13°15 | 12° 0 11°58 | 8°27 8°24 | 14°44 14°45 | 4°57 4°57 | 6° 6 6° 1 | 4°57 4°53 | 19°41 19°47 | 4°49 4°52 | F 29 S 30 |
| S 31 | 12 35 28 | 10 Y 29'14 | 2 Ⅱ 28 | 28 Y 32 | 26 8 34 | 27 ¥ 23 | 13 石 21 | 11 0 57 | 8 2 21 | 14 ≈ 47 | 4 ₹ 756 | 5 ¥ 56 | 4 ¥ 50 | 19 る 54 | 4 ∏ 55 | S 31 |

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| M 1 | 12 39 24 | 11 Y 29'18 | 16∏28 | 29 Υ 19 | 27 8 37 | 28 米 10 | 13る26 | 11°R55 | 8°R19 | 14≈48 | 4°R55 | 5°R52 | 4) (47 | 20ට 1 | 4 ∏ 58 | M 1 |
| T 2 | 12 43 21 | 12°29'19 | 0ഇ33 | 29°59 | 28°38 | 28°57 | 13°31 | 11 Ω 54 | 8 ≏ 16 | 14°50 | 4 ₹ 54 | 5 ∺ 50 | 4°44 | 20° 7 | 5° 0 | T 2 |
| W 3 | 12 47 17 | 13°29'18 | 14°41 | 0 8 29 | 29°40 | 29°44 | 13°36 | 11°53 | 8°14 | 14°51 | 4°53 | 5°D49 | 4°41 | 20°14 | 5° 3 | W 3 |
| T 4 | 12 51 14 | 14°29'15 | 28°51 | 0°52 | 0 Ⅱ 41 | 0 Υ 32 | 13°41 | 11°52 | 8°11 | 14°52 | 4°53 | 5°50 | 4°37 | 20°21 | 5° 6 | T 4 |
| F 5 | 12 55 11 | 15°29'09 | 13 Ω 1 | 1° 5 | 1°42 | 1°19 | 13°46 | 11°51 | 8° 8 | 14°54 | 4°52 | 5°51 | 4°34 | 20°27 | 5° 9 | F 5 |
| S 6 | 12 59 7 | 16°29'02 | 27° 9 | 1°R 9 | 2°42 | 2° 6 | 13°50 | 11°50 | 8° 6 | 14°55 | 4°51 | 5°52 | 4°31 | 20°34 | 5°12 | S 6 |
| S 7 | 13 3 4 | 17°28'52 | 11 m p 13 | 1° 5 | 3°42 | 2°54 | 13°55 | 11°50 | 8° 3 | 14°56 | 4°50 | 5°R53 | 4°28 | 20°41 | 5°15 | S 7 |
| M 8 | 13 7 0 | 18°28'40 | 25°10 | 0°53 | 4°42 | 3°41 | 13°59 | 11°49 | 8° 1 | 14°58 | 4°49 | 5°51 | 4°25 | 20°47 | 5°18 | M 8 |
| T 9 | 13 10 57 | 19°28'27 | 8 ≏ 58 | 0°33 | 5°41 | 4°28 | 14° 3 | 11°49 | 7°58 | 14°59 | 4°48 | 5°47 | 4°22 | 20°54 | 5°21 | T 9 |
| W10 | 13 14 53 | 20°28'11 | 22°32 | 0° 5 | 6°40 | 5°15 | 14° 7 | 11°48 | 7°56 | 15° 0 | 4°47 | 5°42 | 4°18 | 21° 1 | 5°24 | W10 |
| T 11 | 13 18 50 | 21°27'53 | 5 M 52 | 29 Y 31 | 7°38 | 6° 3 | 14°10 | 11°48 | 7°53 | 15° 1 | 4°46 | 5°34 | 4°15 | 21° 7 | 5°27 | T 11 |
| F 12 | 13 22 46 | 22°27'34 | 18°54 | 28°51 | 8°35 | 6°50 | 14°14 | 11°48 | 7°50 | 15° 2 | 4°45 | 5°26 | 4°12 | 21°14 | 5°31 | F 12 |
| S 13 | 13 26 43 | 23°27'13 | 1 , ₹38 | 28° 6 | 9°32 | 7°37 | 14°17 | 11°D48 | 7°48 | 15° 4 | 4°43 | 5°17 | 4° 9 | 21°21 | 5°34 | S 13 |
| S 14 | 13 30 39 | 24°26'50 | 14° 5 | 27°17 | 10°29 | 8°24 | 14°20 | 11°48 | 7°45 | 15° 5 | 4°42 | 5° 9 | 4° 6 | 21°27 | 5°37 | S 14 |
| M15 | 13 34 36 | 25°26'26 | 26°17 | 26°26 | 11°25 | 9°11 | 14°23 | 11°48 | 7°43 | 15° 6 | 4°41 | 5° 3 | 4° 3 | 21°34 | 5°40 | M15 |
| T 16 | 13 38 33 | 26°26'00 | 8 궁 17 | 25°33 | 12°20 | 9°59 | 14°26 | 11°49 | 7°41 | 15° 7 | 4°40 | 4°59 | 3°59 | 21°41 | 5°44 | T 16 |
| W17 | 13 42 29 | 27°25'32 | 20° 9 | 24°40 | 13°15 | 10°46 | 14°29 | 11°49 | 7°38 | 15° 8 | 4°39 | 4°57 | 3°56 | 21°47 | 5°47 | W17 |
| T 18 | 13 46 26 | 28°25'02 | 1≈59 | 23°47 | 14° 9 | 11°33 | 14°31 | 11°50 | 7°36 | 15° 9 | 4°37 | 4°D57 | 3°53 | 21°54 | 5°51 | T 18 |
| F 19 | 13 50 22 | 29°24'31 | 13°51 | 22°56 | 15° 3 | 12°20 | 14°34 | 11°50 | 7°33 | 15°10 | 4°36 | 4°58 | 3°50 | 22° 1 | 5°54 | F 19 |
| S 20 | 13 54 19 | 0 8 23'58 | 25°52 | 22° 7 | 15°56 | 13° 7 | 14°36 | 11°51 | 7°31 | 15°11 | 4°35 | 4°59 | 3°47 | 22° 8 | 5°58 | S 20 |
| S 21 | 13 58 15 | 1°23'23 | 8 ¥ 5 | 21°22 | 16°48 | 13°54 | 14°37 | 11°52 | 7°29 | 15°11 | 4°33 | 4°R59 | 3°43 | 22°14 | 6° 1 | S 21 |
| M22 | 14 2 12 | 2°22'46 | 20°35 | 20°42 | 17°40 | 14°41 | 14°39 | 11°53 | 7°26 | 15°12 | 4°32 | 4°58 | 3°40 | 22°21 | 6° 5 | M22 |
| T 23 | 14 6 8 | 3°22'08 | 3 ℃ 26 | 20° 5 | 18°31 | 15°29 | 14°41 | 11°54 | 7°24 | 15°13 | 4°31 | 4°54 | 3°37 | 22°28 | 6° 8 | T 23 |
| W24 | 14 10 5 | 4°21'28 | 16°39 | 19°34 | 19°21 | 16°16 | 14°42 | 11°55 | 7°22 | 15°14 | 4°29 | 4°48 | 3°34 | 22°34 | 6°12 | W24 |
| T 25 | 14 14 2 | 5°20'46 | 0813 | 19° 8 | 20°11 | 17° 3 | 14°43 | 11°57 | 7°20 | 15°15 | 4°28 | 4°40 | 3°31 | 22°41 | 6°15 | T 25 |
| F 26 | 14 17 58 | 6°20'02 | 14° 8 | 18°48 | 20°59 | 17°50 | 14°44 | 11°58 | 7°17 | 15°15 | 4°27 | 4°30 | 3°28 | 22°48 | 6°19 | F 26 |
| S 27 | 14 21 55 | 7°19'16 | 28°17 | 18°33 | 21°47 | 18°37 | 14°45 | 11°59 | 7°15 | 15°16 | 4°25 | 4°20 | 3°24 | 22°54 | 6°23 | S 27 |
| S 28 | 14 25 51 | 8°18'28 | 12Ⅲ37 | 18°24 | 22°34 | 19°24 | 14°45 | 12° 1 | 7°13 | 15°17 | 4°24 | 4°10 | 3°21 | 23° 1 | 6°26 | S 28 |
| M29 | 14 29 48 | 9°17'39 | 27° 1 | 18°D20 | 23°20 | 20°11 | 14°46 | 12° 3 | 7°11 | 15°17 | 4°22 | 4° 2 | 3°18 | 23° 8 | 6°30 | M29 |
| T 30 | 14 33 44 | 10816'46 | 119523 | 18 Y 22 | 24 II 5 | 20 Y 58 | 14 ろ 46 | 12Ω 5 | 7 요 9 | 15≈18 | 4 ₹ 21 | 3 ∺ 57 | 3 ∺ 15 | 23 る 14 | 6 Ⅱ 34 | T 30 |

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| W 1 | 14 37 41 | 11815'52 | 259541 | 18 Y 30 | 24∏49 | 21 Y 45 | 14°R46 | 12 0 7 | 7°R 7 | 15≈18 | 4°R19 | 3°R54 | 3 ∺ 12 | 23 중 21 | 6 II 38 | W 1 |
| T 2 | 14 41 37 | 12°14'55 | 9 Ω 51 | 18°42 | 25°32 | 22°32 | 14 궁 46 | 12° 9 | 7 ♀ 5 | 15°19 | 4 ₹ 18 | 3°D53 | 3° 9 | 23°28 | 6°42 | T 2 |
| F 3 | 14 45 34 | 13°13'56 | 23°51 | 18°59 | 26°14 | 23°18 | 14°45 | 12°11 | 7° 3 | 15°19 | 4°16 | 3 ∺ 53 | 3° 5 | 23°34 | 6°45 | F 3 |
| S 4 | 14 49 31 | 14°12'55 | 7 m 42 | 19°22 | 26°55 | 24° 5 | 14°45 | 12°13 | 7° 1 | 15°20 | 4°15 | 3°R53 | 3° 2 | 23°41 | 6°49 | S 4 |
| S 5 | 14 53 27 | 15°11'51 | 21°24 | 19°48 | 27°35 | 24°52 | 14°44 | 12°16 | 6°59 | 15°20 | 4°13 | 3°52 | 2°59 | 23°48 | 6°53 | S 5 |
| M 6 | 14 57 24 | 16°10'46 | 4 ≏ 56 | 20°19 | 28°13 | 25°39 | 14°43 | 12°18 | 6°57 | 15°21 | 4°11 | 3°48 | 2°56 | 23°54 | 6°57 | M 6 |
| T 7 | 15 1 20 | 17° 9'38 | 18°18 | 20°54 | 28°51 | 26°26 | 14°42 | 12°21 | 6°55 | 15°21 | 4°10 | 3°42 | 2°53 | 24° 1 | 7° 1 | T 7 |
| W 8 | 15 5 17 | 18° 8'28 | 1 M .30 | 21°33 | 29°27 | 27°12 | 14°41 | 12°23 | 6°54 | 15°21 | 4° 8 | 3°33 | 2°49 | 24° 8 | 7° 5 | W 8 |
| T 9 | 15 9 13 | 19° 7'16 | 14°29 | 22°16 | 095 1 | 27°59 | 14°39 | 12°26 | 6°52 | 15°22 | 4° 7 | 3°22 | 2°46 | 24°14 | 7° 9 | T 9 |
| F 10 | 15 13 10 | 20° 6'02 | 27°16 | 23° 3 | 0°35 | 28°46 | 14°38 | 12°29 | 6°50 | 15°22 | 4° 5 | 3° 9 | 2°43 | 24°21 | 7°13 | F 10 |
| S 11 | 15 17 6 | 21° 4'46 | 9 . ₹49 | 23°53 | 1° 7 | 29°32 | 14°36 | 12°32 | 6°48 | 15°22 | 4° 3 | 2°56 | 2°40 | 24°28 | 7°17 | S 11 |
| S 12 | 15 21 3 | 22° 3'29 | 22° 9 | 24°46 | 1°37 | 0 8 19 | 14°34 | 12°35 | 6°47 | 15°22 | 4° 2 | 2°44 | 2°37 | 24°34 | 7°21 | S 12 |
| M13 | 15 25 0 | 23° 2'10 | 4 ට 16 | 25°42 | 2° 6 | 1° 6 | 14°32 | 12°38 | 6°45 | 15°22 | 4° 0 | 2°34 | 2°34 | 24°41 | 7°25 | M13 |
| T 14 | 15 28 56 | 24° 0'49 | 16°14 | 26°41 | 2°33 | 1°52 | 14°29 | 12°42 | 6°44 | 15°22 | 3°59 | 2°26 | 2°30 | 24°48 | 7°29 | T 14 |
| W15 | 15 32 53 | 24°59'26 | 28° 5 | 27°43 | 2°59 | 2°39 | 14°27 | 12°45 | 6°42 | 15°23 | 3°57 | 2°21 | 2°27 | 24°54 | 7°33 | W15 |
| T 16 | 15 36 49 | 25°58'02 | 9≈54 | 28°47 | 3°23 | 3°25 | 14°24 | 12°48 | 6°41 | 15°23 | 3°55 | 2°18 | 2°24 | 25° 1 | 7°37 | T 16 |
| F 17 | 15 40 46 | 26°56'36 | 21°45 | 29°55 | 3°45 | 4°12 | 14°21 | 12°52 | 6°39 | 15°R23 | 3°54 | 2°18 | 2°21 | 25° 8 | 7°41 | F 17 |
| S 18 | 15 44 42 | 27°55'09 | 3) (45 | 18 5 | 4° 5 | 4°58 | 14°18 | 12°56 | 6°38 | 15°23 | 3°52 | 2°18 | 2°18 | 25°14 | 7°45 | S 18 |
| S 19 | 15 48 39 | 28°53'40 | 15°57 | 2°17 | 4°24 | 5°44 | 14°14 | 12°59 | 6°37 | 15°23 | 3°50 | 2°17 | 2°15 | 25°21 | 7°49 | S 19 |
| M20 | 15 52 35 | 29°52'09 | 28°28 | 3°31 | 4°40 | 6°31 | 14°11 | 13° 3 | 6°36 | 15°22 | 3°48 | 2°15 | 2°11 | 25°28 | 7°53 | M20 |
| T 21 | 15 56 32 | 0耳50'37 | 11 Y 22 | 4°48 | 4°55 | 7°17 | 14° 7 | 13° 7 | 6°34 | 15°22 | 3°47 | 2°11 | 2° 8 | 25°34 | 7°57 | T 21 |
| W22 | 16 0 29 | 1°49'04 | 24°42 | 6° 7 | 5° 7 | 8° 3 | 14° 4 | 13°11 | 6°33 | 15°22 | 3°45 | 2° 5 | 2° 5 | 25°41 | 8° 1 | W22 |
| T 23 | 16 4 25 | 2°47'28 | 8 8 29 | 7°28 | 5°17 | 8°50 | 14° 0 | 13°15 | 6°32 | 15°22 | 3°43 | 1°55 | 2° 2 | 25°48 | 8° 5 | T 23 |
| F 24 | 16 8 22 | 3°45'52 | 22°40 | 8°52 | 5°26 | 9°36 | 13°55 | 13°19 | 6°31 | 15°22 | 3°42 | 1°44 | 1°59 | 25°54 | 8° 9 | F 24 |
| S 25 | 16 12 18 | 4°44'13 | 7 Ⅱ 12 | 10°17 | 5°32 | 10°22 | 13°51 | 13°24 | 6°30 | 15°22 | 3°40 | 1°33 | 1°55 | 26° 1 | 8°14 | S 25 |
| S 26 | 16 16 15 | 5°42'33 | 21°57 | 11°44 | 5°35 | 11°8 | 13°47 | 13°28 | 6°29 | 15°21 | 3°38 | 1°21 | 1°52 | 26° 8 | 8°18 | S 26 |
| M27 | 16 20 11 | 6°40'51 | 69346 | 13°14 | 5°R36 | 11°54 | 13°42 | 13°33 | 6°28 | 15°21 | 3°37 | 1°12 | 1°49 | 26°14 | 8°22 | M27 |
| T 28 | 16 24 8 | 7°39'08 | 21°32 | 14°45 | 5°35 | 12°40 | 13°37 | 13°37 | 6°27 | 15°21 | 3°35 | 1° 5 | 1°46 | 26°21 | 8°26 | T 28 |
| W29 | 16 28 5 | 8°37'22 | 6 N 8 | 16°19 | 5°32 | 13°26 | 13°32 | 13°42 | 6°26 | 15°20 | 3°33 | 1° 1 | 1°43 | 26°28 | 8°30 | W29 |
| T 30 | 16 32 1 | 9°35'34 | 20°29 | 17°54 | 5°26 | 14°12 | 1 <u>3</u> °27 | 13°46 | 6°26 | 15°20 | 3°32 | 1° 0 | 1°40 | 2 <u>6</u> °35 | 8°34 | T 30 |
| F 31 | 16 35 58 | 10 Ⅲ 33'45 | 4 m /34 | 19 8 31 | 59918 | 14 8 58 | 13 る 22 | 13 N 51 | 6 ₽ 25 | 15≈20 | 3 ₹ 30 | 1 ∺ 0 | 1 ∺ 36 | 26 궁 41 | 8 Ⅱ 38 | F 31 |

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| S 1 | 16 39 54 | 11 II 31'53 | 18 M ₂ 1 | 21811 | 5°R 7 | 15 8 44 | 13°R17 | 13 N 56 | 6°R24 | 15°R19 | 3°R28 | 1°R 0 | 1) 33 | 26 පි 48 | 8П42 | S 1 |
| S 2 | 16 43 51 | 12°30'00 | 1 ≏ 52 | 22°52 | 4954 | 16°30 | 13 궁 11 | 14° 1 | 6 ≏ 24 | 15 ≈ 19 | 3 ∡ 27 | 0 ¥ 58 | 1°30 | 26°55 | 8°47 | S 2 |
| M 3 | 16 47 47 | 13°28'04 | 15° 8 | 24°35 | 4°38 | 17°16 | 13° 5 | 14° 6 | 6°23 | 15°18 | 3°25 | 0°55 | 1°27 | 27° 1 | 8°51 | M 3 |
| T 4 | 16 51 44 | 14°26'07 | 28°12 | 26°20 | 4°20 | 18° 2 | 13° 0 | 14°11 | 6°23 | 15°17 | 3°23 | 0°49 | 1°24 | 27° 8 | 8°55 | T 4 |
| W 5 | 16 55 40 | 15°24'08 | 11 M 3 | 28° 7 | 3°59 | 18°47 | 12°54 | 14°16 | 6°22 | 15°17 | 3°22 | 0°40 | 1°21 | 27°15 | 8°59 | W 5 |
| T 6 | 16 59 37 | 16°22'08 | 23°43 | 29°56 | 3°37 | 19°33 | 12°48 | 14°21 | 6°22 | 15°16 | 3°20 | 0°29 | 1°17 | 27°21 | 9° 3 | T 6 |
| F 7 | 17 3 34 | 17°20'06 | 6 ₹ 12 | 1 Ⅱ 48 | 3°12 | 20°19 | 12°42 | 14°27 | 6°21 | 15°16 | 3°18 | 0°17 | 1°14 | 27°28 | 9° 7 | F 7 |
| S 8 | 17 7 30 | 18°18'02 | 18°31 | 3°41 | 2°45 | 21° 4 | 12°35 | 14°32 | 6°21 | 15°15 | 3°17 | 0° 4 | 1°11 | 27°35 | 9°11 | S 8 |
| S 9 | 17 11 27 | 19°15'57 | 0 궁 40 | 5°36 | 2°16 | 21°50 | 12°29 | 14°38 | 6°21 | 15°14 | 3°15 | 29≈52 | 1° 8 | 27°41 | 9°15 | S 9 |
| M10 | 17 15 23 | 20°13'51 | 12°40 | 7°33 | 1°45 | 22°35 | 12°23 | 14°43 | 6°21 | 15°14 | 3°14 | 29°42 | 1° 5 | 27°48 | 9°19 | M10 |
| T 11 | 17 19 20 | 21°11'43 | 24°33 | 9°32 | 1°13 | 23°21 | 12°16 | 14°49 | 6°21 | 15°13 | 3°12 | 29°35 | 1° 1 | 27°55 | 9°23 | T 11 |
| W12 | 17 23 16 | 22° 9'34 | 6≈22 | 11°32 | 0°39 | 24° 6 | 12° 9 | 14°54 | 6°21 | 15°12 | 3°10 | 29°30 | 0°58 | 28° 1 | 9°27 | W12 |
| T 13 | 17 27 13 | 23° 7'24 | 18°10 | 13°35 | 0° 4 | 24°51 | 12° 3 | 15° 0 | 6°D21 | 15°11 | 3° 9 | 29°27 | 0°55 | 28° 8 | 9°31 | T 13 |
| F 14 | 17 31 9 | 24° 5'12 | 0) 1 | 15°39 | 29∏28 | 25°37 | 11°56 | 15° 6 | 6°21 | 15°10 | 3° 7 | 29°D27 | 0°52 | 28°15 | 9°35 | F 14 |
| S 15 | 17 35 6 | 25° 3'00 | 11°59 | 17°45 | 28°52 | 26°22 | 11°49 | 15°12 | 6°21 | 15° 9 | 3° 6 | 29°27 | 0°49 | 28°21 | 9°39 | S 15 |
| S 16 | 17 39 3 | 26° 0'46 | 24°11 | 19°52 | 28°15 | 27° 7 | 11°42 | 15°18 | 6°21 | 15° 9 | 3° 4 | 29°R27 | 0°46 | 28°28 | 9°43 | S 16 |
| M17 | 17 42 59 | 26°58'31 | 6 Υ 40 | 22° 1 | 27°37 | 27°52 | 11°35 | 15°24 | 6°21 | 15° 8 | 3° 3 | 29°27 | 0°42 | 28°35 | 9°47 | M17 |
| T 18 | 17 46 56 | 27°56'16 | 19°32 | 24°11 | 26°59 | 28°37 | 11°27 | 15°30 | 6°21 | 15° 7 | 3° 1 | 29°25 | 0°39 | 28°41 | 9°51 | T 18 |
| W19 | 17 50 52 | 28°53'59 | 2 8 51 | 26°22 | 26°22 | 29°22 | 11°20 | 15°36 | 6°22 | 15° 6 | 3° 0 | 29°21 | 0°36 | 28°48 | 9°55 | W19 |
| T 20 | 17 54 49 | 29°51'42 | 16°39 | 28°33 | 25°45 | 0 Π 7 | 11°13 | 15°42 | 6°22 | 15° 5 | 2°58 | 29°14 | 0°33 | 28°55 | 9°59 | T 20 |
| F 21 | 17 58 45 | 09549'24 | 0耳55 | 0945 | 25° 9 | 0°52 | 11° 5 | 15°48 | 6°22 | 15° 4 | 2°57 | 29° 6 | 0°30 | 29° 1 | 10° 3 | F 21 |
| S 22 | 18 2 42 | 1°47'04 | 15°35 | 2°58 | 24°33 | 1°37 | 10°58 | 15°54 | 6°23 | 15° 3 | 2°55 | 28°57 | 0°27 | 29° 8 | 10° 7 | S 22 |
| S 23 | 18 6 39 | 2°44'44 | 0934 | 5°10 | 23°59 | 2°22 | 10°50 | 16° 1 | 6°23 | 15° 2 | 2°54 | 28°49 | 0°23 | 29°15 | 10°11 | S 23 |
| M24 | 18 10 35 | 3°42'23 | 15°40 | 7°22 | 23°26 | 3° 7 | 10°43 | 16° 7 | 6°24 | 15° 1 | 2°53 | 28°42 | 0°20 | 29°21 | 10°15 | M24 |
| T 25 | 18 14 32 | 4°40'00 | $0\Omega 46$ | 9°33 | 22°54 | 3°52 | 10°35 | 16°13 | 6°24 | 14°59 | 2°51 | 28°37 | 0°17 | 29°28 | 10°19 | T 25 |
| W26 | 18 18 28 | 5°37'37 | 15°41 | 11°43 | 22°24 | 4°36 | 10°28 | 16°20 | 6°25 | 14°58 | 2°50 | 28°34 | 0°14 | 29°35 | 10°23 | W26 |
| T 27 | 18 22 25 | 6°35'12 | 0 m 19 | 13°53 | 21°56 | 5°21 | 10°20 | 16°26 | 6°26 | 14°57 | 2°48 | 28°D33 | 0°11 | 29°41 | 10°27 | T 27 |
| F 28 | 18 26 21 | 7°32'45 | 14°36 | 16° 0 | 21°30 | 6° 6 | 10°13 | 16°33 | 6°27 | 14°56 | 2°47 | 28°34 | 0° 7 | 29°48 | 10°30 | F 28 |
| S 29 | 18 30 18 | 8°30'18 | 28°30 | 18° 7 | 21° 5 | 6°50 | 10° 5 | 16°40 | 6°27 | 14°55 | 2°46 | 28°35 | 0° 4 | 29°55 | 10°34 | S 29 |
| S 30 | 18 34 14 | 99527'49 | 12 ♀ 2 | 209511 | 20 Ⅱ 43 | 7 Ⅲ 35 | 9 ප 57 | 16 Ω 46 | 6 ₽ 28 | 14≈53 | 2 ₹ 45 | 28°R35 | 0 ∺ 1 | 0≈ 1 | 10 川 38 | S 30 |

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| M 1 | 18 38 11 | 109525'19 | 25 ₾ 13 | 229514 | 20°R24 | 8 耳 19 | 9°R50 | 16 Ω 53 | 6 ₽ 29 | 14°R52 | 2°R43 | 28°R34 | 29≈58 | 0≈ 8 | 10∏42 | M 1 |
| T 2 | 18 42 8 | 11°22'48 | 8 M 7 | 24°14 | 20耳 6 | 9° 3 | 9 ප 42 | 17° 0 | 6°30 | 14≈51 | 2 , 742 | 28≈31 | 29°55 | 0°15 | 10°45 | T 2 |
| W 3 | 18 46 4 | 12°20'15 | 20°45 | 26°13 | 19°51 | 9°48 | 9°34 | 17° 7 | 6°31 | 14°50 | 2°41 | 28°26 | 29°52 | 0°21 | 10°49 | W 3 |
| T 4 | 18 50 1 | 13°17'42 | 3 √ 11 | 28° 9 | 19°38 | 10°32 | 9°27 | 17°14 | 6°32 | 14°48 | 2°40 | 28°20 | 29°48 | 0°28 | 10°53 | T 4 |
| F 5 | 18 53 57 | 14°15'08 | 15°26 | 0Ω 3 | 19°28 | 11°16 | 9°19 | 17°20 | 6°34 | 14°47 | 2°39 | 28°12 | 29°45 | 0°35 | 10°56 | F 5 |
| S 6 | 18 57 54 | 15°12'33 | 27°32 | 1°55 | 19°20 | 12° 0 | 9°11 | 17°27 | 6°35 | 14°46 | 2°37 | 28° 4 | 29°42 | 0°41 | 11° 0 | S 6 |
| S 7 | 19 1 50 | 16° 9'57 | 9 ට 31 | 3°44 | 19°14 | 12°44 | 9° 4 | 17°34 | 6°36 | 14°44 | 2°36 | 27°57 | 29°39 | 0°48 | 11° 3 | S 7 |
| M 8 | 19 5 47 | 17° 7'20 | 21°25 | 5°31 | 19°11 | 13°28 | 8°56 | 17°41 | 6°37 | 14°43 | 2°35 | 27°50 | 29°36 | 0°55 | 11° 7 | M 8 |
| T 9 | 19 9 43 | 18° 4'43 | 3≈14 | 7°15 | 19°D10 | 14°12 | 8°49 | 17°49 | 6°39 | 14°42 | 2°34 | 27°46 | 29°33 | 1° 1 | 11°11 | T 9 |
| W10 | 19 13 40 | 19° 2'05 | 15° 2 | 8°57 | 19°11 | 14°56 | 8°41 | 17°56 | 6°40 | 14°40 | 2°33 | 27°43 | 29°29 | 1°8 | 11°14 | W10 |
| T 11 | 19 17 37 | 19°59'27 | 26°51 | 10°36 | 19°15 | 15°40 | 8°34 | 18° 3 | 6°41 | 14°39 | 2°32 | 27°D42 | 29°26 | 1°15 | 11°17 | T 11 |
| F 12 | 19 21 33 | 20°56'48 | 8) (44 | 12°13 | 19°21 | 16°23 | 8°27 | 18°10 | 6°43 | 14°37 | 2°31 | 27°43 | 29°23 | 1°21 | 11°21 | F 12 |
| S 13 | 19 25 30 | 21°54'08 | 20°45 | 13°47 | 19°29 | 17° 7 | 8°19 | 18°17 | 6°44 | 14°36 | 2°30 | 27°44 | 29°20 | 1°28 | 11°24 | S 13 |
| S 14 | 19 29 26 | 22°51'29 | 2 Y 58 | 15°19 | 19°40 | 17°51 | 8°12 | 18°24 | 6°46 | 14°34 | 2°29 | 27°46 | 29°17 | 1°35 | 11°28 | S 14 |
| M15 | 19 33 23 | 23°48'49 | 15°27 | 16°48 | 19°52 | 18°34 | 8° 5 | 18°32 | 6°48 | 14°33 | 2°28 | 27°47 | 29°13 | 1°41 | 11°31 | M15 |
| T 16 | 19 37 19 | 24°46'09 | 28°17 | 18°15 | 20° 7 | 19°18 | 7°58 | 18°39 | 6°49 | 14°31 | 2°28 | 27°R47 | 29°10 | 1°48 | 11°34 | T 16 |
| W17 | 19 41 16 | 25°43'28 | 11832 | 19°39 | 20°23 | 20° 1 | 7°51 | 18°46 | 6°51 | 14°30 | 2°27 | 27°46 | 29° 7 | 1°54 | 11°37 | W17 |
| T 18 | 19 45 12 | 26°40'48 | 25°14 | 21° 1 | 20°41 | 20°45 | 7°44 | 18°54 | 6°53 | 14°28 | 2°26 | 27°44 | 29° 4 | 2° 1 | 11°41 | T 18 |
| F 19 | 19 49 9 | 27°38'08 | 9Ⅱ23 | 22°20 | 21° 2 | 21°28 | 7°37 | 19° 1 | 6°55 | 14°27 | 2°25 | 27°40 | 29° 1 | 2° 8 | 11°44 | F 19 |
| S 20 | 19 53 6 | 28°35'27 | 23°59 | 23°36 | 21°23 | 22°11 | 7°30 | 19° 8 | 6°57 | 14°25 | 2°24 | 27°37 | 28°58 | 2°14 | 11°47 | S 20 |
| S 21 | 19 57 2 | 29°32'47 | 8955 | 24°49 | 21°47 | 22°55 | 7°24 | 19°16 | 6°59 | 14°24 | 2°24 | 27°33 | 28°54 | 2°21 | 11°50 | S 21 |
| M22 | 20 0 59 | 0 ん 30′06 | 24° 5 | 26° 0 | 22°12 | 23°38 | 7°17 | 19°23 | 7° 1 | 14°22 | 2°23 | 27°29 | 28°51 | 2°28 | 11°53 | M22 |
| T 23 | 20 4 55 | 1°27'25 | 9 Ω 18 | 27° 8 | 22°39 | 24°21 | 7°11 | 19°31 | 7° 3 | 14°21 | 2°22 | 27°27 | 28°48 | 2°34 | 11°56 | T 23 |
| W24 | 20 8 52 | 2°24'44 | 24°24 | 28°13 | 23° 8 | 25° 4 | 7° 4 | 19°38 | 7° 5 | 14°19 | 2°22 | 27°D26 | 28°45 | 2°41 | 11°59 | W24 |
| T 25 | 20 12 48 | 3°22'02 | 9 m p16 | 29°14 | 23°37 | 25°47 | 6°58 | 19°46 | 7° 7 | 14°18 | 2°21 | 27°27 | 28°42 | 2°48 | 12° 2 | T 25 |
| F 26 | 20 16 45 | 4°19'20 | 23°46 | 0 m 13 | 24° 9 | 26°30 | 6°52 | 19°54 | 7° 9 | 14°16 | 2°21 | 27°28 | 28°39 | 2°54 | 12° 5 | F 26 |
| S 27 | 20 20 42 | 5°16'38 | 7 ≙ 51 | 1° 8 | 24°41 | 27°13 | 6°46 | 20° 1 | 7°11 | 14°14 | 2°20 | 27°29 | 28°35 | 3° 1 | 12° 8 | S 27 |
| S 28 | 20 24 38 | 6°13'55 | 21°31 | 2° 0 | 25°15 | 27°55 | 6°40 | 20° 9 | 7°13 | 14°13 | 2°20 | 27°30 | 28°32 | 3° 8 | 12°11 | S 28 |
| M29 | 20 28 35 | 7°11'12 | 4 M .45 | 2°49 | 25°50 | 28°38 | 6°34 | 20°16 | 7°16 | 14°11 | 2°19 | 27°R31 | 28°29 | 3°14 | 12°14 | M29 |
| T 30 | 20 32 31 | 8° 8'29 | 17°38 | 3°34 | 26°27 | 29°21 | 6°29 | 20°24 | 7°18 | 14°10 | 2°19 | 27°31 | 28°26 | 3°21 | 12°16 | T 30 |
| W31 | 20 36 28 | 9⋒ 5'45 | 0 ∡ 12 | 4M) 16 | 27耳 4 | 0න 3 | 6 ට 23 | 20 Ω 32 | 7 ≏ 20 | 14 ≈ 8 | 2 ₹ 18 | 27≈30 | 28 ≈ 23 | 3≈28 | 12 Ⅱ 19 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | δ | 4 | ħ |)∤(| ¥ | Р | ß | ಬ | Ç | ۴0 | Day |
|------|----------|------------------|----------------|----------------|----------------|--------|---------------|----------------|---------------|----------------|---------------|--------|-------|------|----------------|------|
| T 1 | 20 40 24 | 10 Q 3'01 | 12 × 30 | 4 m 53 | 27 Ⅱ 43 | 09546 | 6°R18 | 20€39 | 7 ₾ 23 | 14°R 6 | 2°R18 | 27°R28 | 28≈19 | 3≈34 | 12 Ⅱ 22 | T 1 |
| F 2 | 20 44 21 | 11° 0'17 | 24°36 | 5°27 | 28°22 | 1°28 | 6 ප 13 | 20°47 | 7°25 | 14 ∞ 5 | 2 才 18 | 27≈25 | 28°16 | 3°41 | 12°24 | F 2 |
| S 3 | 20 48 17 | 11°57'33 | 6 ප 34 | 5°56 | 29° 3 | 2°11 | 6° 8 | 20°55 | 7°28 | 14° 3 | 2°17 | 27°23 | 28°13 | 3°48 | 12°27 | S 3 |
| S 4 | 20 52 14 | 12°54'49 | 18°27 | 6°21 | 29°45 | 2°53 | 6° 3 | 21° 2 | 7°30 | 14° 1 | 2°17 | 27°21 | 28°10 | 3°54 | 12°29 | S 4 |
| M 5 | 20 56 11 | 13°52'05 | 0≈16 | 6°42 | 09528 | 3°35 | 5°58 | 21°10 | 7°33 | 14° 0 | 2°17 | 27°19 | 28° 7 | 4° 1 | 12°32 | M 5 |
| T 6 | 21 0 7 | 14°49'20 | 12° 4 | 6°58 | 1°12 | 4°17 | 5°54 | 21°18 | 7°35 | 13°58 | 2°17 | 27°18 | 28° 4 | 4° 8 | 12°34 | T 6 |
| W 7 | 21 4 4 | 15°46'37 | 23°55 | 7°10 | 1°56 | 4°59 | 5°49 | 21°26 | 7°38 | 13°57 | 2°16 | 27°D17 | 28° 0 | 4°14 | 12°37 | W 7 |
| T 8 | 21 8 0 | 16°43'53 | 5) (49 | 7°17 | 2°42 | 5°41 | 5°45 | 21°33 | 7°41 | 13°55 | 2°16 | 27°18 | 27°57 | 4°21 | 12°39 | T 8 |
| F 9 | 21 11 57 | 17°41'09 | 17°49 | 7°R19 | 3°28 | 6°23 | 5°41 | 21°41 | 7°43 | 13°53 | 2°16 | 27°18 | 27°54 | 4°28 | 12°41 | F 9 |
| S 10 | 21 15 53 | 18°38'26 | 29°58 | 7°16 | 4°15 | 7° 5 | 5°37 | 21°49 | 7°46 | 13°52 | 2°16 | 27°19 | 27°51 | 4°34 | 12°43 | S 10 |
| S 11 | 21 19 50 | 19°35'44 | 12 Y 18 | 7° 9 | 5° 3 | 7°47 | 5°33 | 21°57 | 7°49 | 13°50 | 2°16 | 27°20 | 27°48 | 4°41 | 12°46 | S 11 |
| M12 | 21 23 46 | 20°33'02 | 24°53 | 6°56 | 5°52 | 8°29 | 5°30 | 22° 4 | 7°52 | 13°48 | 2°D16 | 27°20 | 27°45 | 4°48 | 12°48 | M12 |
| T 13 | 21 27 43 | 21°30'21 | 7 8 45 | 6°39 | 6°41 | 9°11 | 5°26 | 22°12 | 7°54 | 13°47 | 2°16 | 27°21 | 27°41 | 4°54 | 12°50 | T 13 |
| W14 | 21 31 40 | 22°27'41 | 20°58 | 6°17 | 7°31 | 9°52 | 5°23 | 22°20 | 7°57 | 13°45 | 2°16 | 27°R21 | 27°38 | 5° 1 | 12°52 | W14 |
| T 15 | 21 35 36 | 23°25'01 | 4 Ⅱ 33 | 5°51 | 8°22 | 10°34 | 5°20 | 22°28 | 8° 0 | 13°44 | 2°16 | 27°21 | 27°35 | 5° 8 | 12°54 | T 15 |
| F 16 | 21 39 33 | 24°22'22 | 18°32 | 5°21 | 9°14 | 11°15 | 5°17 | 22°35 | 8° 3 | 13°42 | 2°16 | 27°21 | 27°32 | 5°14 | 12°56 | F 16 |
| S 17 | 21 43 29 | 25°19'44 | 2955 | 4°47 | 10° 6 | 11°57 | 5°14 | 22°43 | 8° 6 | 13°40 | 2°16 | 27°20 | 27°29 | 5°21 | 12°58 | S 17 |
| S 18 | 21 47 26 | 26°17'07 | 17°37 | 4°10 | 10°58 | 12°38 | 5°12 | 22°51 | 8° 9 | 13°39 | 2°17 | 27°20 | 27°25 | 5°28 | 12°59 | S 18 |
| M19 | 21 51 22 | 27°14'31 | 2Ω 34 | 3°30 | 11°51 | 13°19 | 5° 9 | 22°59 | 8°12 | 13°37 | 2°17 | 27°D20 | 27°22 | 5°34 | 13° 1 | M19 |
| T 20 | 21 55 19 | 28°11'55 | 17°39 | 2°48 | 12°45 | 14° 1 | 5° 7 | 23° 6 | 8°15 | 13°36 | 2°17 | 27°20 | 27°19 | 5°41 | 13° 3 | T 20 |
| W21 | 21 59 15 | 29° 9'20 | 2 Mp 43 | 2° 4 | 13°40 | 14°42 | 5° 5 | 23°14 | 8°18 | 13°34 | 2°17 | 27°R20 | 27°16 | 5°48 | 13° 4 | W21 |
| T 22 | 22 3 12 | 0 m) 6'46 | 17°36 | 1°20 | 14°34 | 15°23 | 5° 3 | 23°22 | 8°22 | 13°33 | 2°18 | 27°20 | 27°13 | 5°54 | 13° 6 | T 22 |
| F 23 | 22 7 9 | 1° 4'12 | 2 ≏ 13 | 0°36 | 15°30 | 16° 4 | 5° 1 | 23°29 | 8°25 | 13°31 | 2°18 | 27°20 | 27°10 | 6° 1 | 13° 8 | F 23 |
| S 24 | 22 11 5 | 2° 1'38 | 16°26 | 29 Ω 52 | 16°26 | 16°45 | 5° 0 | 23°37 | 8°28 | 13°30 | 2°19 | 27°19 | 27° 6 | 6° 7 | 13° 9 | S 24 |
| S 25 | 22 15 2 | 2°59'05 | 0 M .14 | 29°11 | 17°22 | 17°26 | 4°59 | 23°45 | 8°31 | 13°28 | 2°19 | 27°19 | 27° 3 | 6°14 | 13°11 | S 25 |
| M26 | 22 18 58 | 3°56'33 | 13°35 | 28°32 | 18°19 | 18° 6 | 4°58 | 23°53 | 8°34 | 13°27 | 2°19 | 27°18 | 27° 0 | 6°21 | 13°12 | M26 |
| T 27 | 22 22 55 | 4°54'01 | 26°31 | 27°56 | 19°16 | 18°47 | 4°57 | 24° 0 | 8°38 | 13°25 | 2°20 | 27°18 | 26°57 | 6°27 | 13°13 | T 27 |
| W28 | 22 26 51 | 5°51'30 | 9 ₹ 5 | 27°24 | 20°14 | 19°28 | 4°56 | 24° 8 | 8°41 | 13°24 | 2°21 | 27°D18 | 26°54 | 6°34 | 13°14 | W28 |
| T 29 | 22 30 48 | 6°49'00 | 21°22 | 26°57 | 21°12 | 20° 8 | 4°55 | 24°16 | 8°44 | 13°22 | 2°21 | 27°18 | 26°50 | 6°41 | 13°16 | T 29 |
| F 30 | 22 34 44 | 7°46'30 | 3 る 25 | 26°35 | 22°10 | 20°49 | 4°55 | 24°23 | 8°48 | 13°21 | 2°22 | 27°19 | 26°47 | 6°47 | 13°17 | F 30 |
| S 31 | 22 38 41 | 8 m 44'01 | 15 る 20 | 26 Ω 18 | 2399 9 | 219529 | 4°D55 | 24 Ω 31 | 8 ≏ 51 | 13 ≈ 19 | 2 ₹ 22 | 27≈≈20 | 26≈44 | 6≈54 | 13 Ⅱ 18 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ | ᡟ | ¥ | Р | ß | Ω | Ç | ę, | Day |
|------|----------|------------------|------------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|--------|-------|-------|-----------------|------|
| S 1 | 22 42 38 | 9 m 41'33 | 27중 9 | 26°R 8 | 2495 8 | 2295 9 | 4 궁 55 | 24€38 | 8 ≏ 54 | 13°R18 | 2 ₹ 23 | 27≈21 | 26≈41 | 7≈ 1 | 13 I I19 | S 1 |
| M 2 | 22 46 34 | 10°39'05 | 8≈57 | 26°D 4 | 25° 8 | 22°49 | 4°55 | 24°46 | 8°58 | 13≈17 | 2°24 | 27°22 | 26°38 | 7° 7 | 13°20 | M 2 |
| T 3 | 22 50 31 | 11°36'38 | 20°48 | 26Ω 7 | 26° 8 | 23°30 | 4°55 | 24°54 | 9° 1 | 13°15 | 2°25 | 27°23 | 26°35 | 7°14 | 13°21 | T 3 |
| W 4 | 22 54 27 | 12°34'12 | 2) (43 | 26°17 | 27° 8 | 24°10 | 4°56 | 25° 1 | 9° 5 | 13°14 | 2°25 | 27°R23 | 26°31 | 7°21 | 13°22 | W 4 |
| T 5 | 22 58 24 | 13°31'47 | 14°46 | 26°34 | 28° 9 | 24°50 | 4°57 | 25° 9 | 9° 8 | 13°12 | 2°26 | 27°22 | 26°28 | 7°27 | 13°22 | T 5 |
| F 6 | 23 2 20 | 14°29'24 | 26°58 | 26°58 | 29°10 | 25°30 | 4°58 | 25°16 | 9°12 | 13°11 | 2°27 | 27°21 | 26°25 | 7°34 | 13°23 | F 6 |
| S 7 | 23 6 17 | 15°27'01 | 9 Υ 21 | 27°29 | 0 Ω 11 | 26° 9 | 4°59 | 25°24 | 9°15 | 13°10 | 2°28 | 27°18 | 26°22 | 7°41 | 13°24 | S 7 |
| S 8 | 23 10 13 | 16°24'39 | 21°56 | 28° 7 | 1°13 | 26°49 | 5° 0 | 25°31 | 9°19 | 13° 8 | 2°29 | 27°15 | 26°19 | 7°47 | 13°24 | S 8 |
| M 9 | 23 14 10 | 17°22'19 | 4 8 45 | 28°52 | 2°15 | 27°29 | 5° 1 | 25°38 | 9°22 | 13° 7 | 2°30 | 27°13 | 26°16 | 7°54 | 13°25 | M 9 |
| T 10 | 23 18 6 | 18°20'01 | 17°48 | 29°44 | 3°17 | 28° 9 | 5° 3 | 25°46 | 9°26 | 13° 6 | 2°31 | 27°10 | 26°12 | 8° 1 | 13°25 | T 10 |
| W11 | 23 22 3 | 19°17'44 | 1 I I 6 | 0 m 43 | 4°19 | 28°48 | 5° 5 | 25°53 | 9°29 | 13° 5 | 2°32 | 27° 8 | 26° 9 | 8° 7 | 13°26 | W11 |
| T 12 | 23 26 0 | 20°15'28 | 14°41 | 1°49 | 5°22 | 29°27 | 5° 7 | 26° 0 | 9°33 | 13° 3 | 2°33 | 27°D 7 | 26° 6 | 8°14 | 13°26 | T 12 |
| F 13 | 23 29 56 | 21°13'14 | 28°33 | 3° 0 | 6°25 | oΩ 7 | 5° 9 | 26° 8 | 9°37 | 13° 2 | 2°34 | 27° 7 | 26° 3 | 8°21 | 13°26 | F 13 |
| S 14 | 23 33 53 | 22°11'02 | 129542 | 4°17 | 7°29 | 0°46 | 5°12 | 26°15 | 9°40 | 13° 1 | 2°35 | 27° 8 | 26° 0 | 8°27 | 13°27 | S 14 |
| S 15 | 23 37 49 | 23° 8'51 | 27° 5 | 5°40 | 8°32 | 1°25 | 5°14 | 26°22 | 9°44 | 13° 0 | 2°36 | 27° 9 | 25°56 | 8°34 | 13°27 | S 15 |
| M16 | 23 41 46 | 24° 6'42 | 11 Ω 42 | 7° 9 | 9°36 | 2° 5 | 5°17 | 26°29 | 9°48 | 12°59 | 2°37 | 27°11 | 25°53 | 8°40 | 13°27 | M16 |
| T 17 | 23 45 42 | 25° 4'34 | 26°26 | 8°41 | 10°41 | 2°44 | 5°20 | 26°37 | 9°51 | 12°58 | 2°38 | 27°R11 | 25°50 | 8°47 | 13°R27 | T 17 |
| W18 | 23 49 39 | 26° 2'28 | 11 m p 13 | 10°19 | 11°45 | 3°23 | 5°23 | 26°44 | 9°55 | 12°57 | 2°40 | 27°11 | 25°47 | 8°54 | 13°27 | W18 |
| T 19 | 23 53 35 | 27° 0'23 | 25°54 | 12° 0 | 12°50 | 4° 1 | 5°26 | 26°51 | 9°59 | 12°56 | 2°41 | 27° 9 | 25°44 | 9° 0 | 13°27 | T 19 |
| F 20 | 23 57 32 | 27°58'20 | 10 ≏ 24 | 13°44 | 13°54 | 4°40 | 5°29 | 26°58 | 10° 2 | 12°55 | 2°42 | 27° 5 | 25°41 | 9° 7 | 13°27 | F 20 |
| S 21 | 0 1 29 | 28°56'18 | 24°36 | 15°32 | 15° 0 | 5°19 | 5°33 | 27° 5 | 10° 6 | 12°54 | 2°43 | 27° 1 | 25°37 | 9°14 | 13°27 | S 21 |
| S 22 | 0 5 25 | 29°54'17 | 8 M 25 | 17°22 | 16° 5 | 5°57 | 5°37 | 27°12 | 10°10 | 12°53 | 2°45 | 26°56 | 25°34 | 9°20 | 13°26 | S 22 |
| M23 | 0 9 22 | 0 ჲ 52'18 | 21°49 | 19°14 | 17°10 | 6°36 | 5°41 | 27°19 | 10°14 | 12°52 | 2°46 | 26°51 | 25°31 | 9°27 | 13°26 | M23 |
| T 24 | 0 13 18 | 1°50'20 | 4 ₹ 48 | 21° 7 | 18°16 | 7°14 | 5°45 | 27°26 | 10°17 | 12°51 | 2°47 | 26°47 | 25°28 | 9°34 | 13°26 | T 24 |
| W25 | 0 17 15 | 2°48'23 | 17°25 | 23° 2 | 19°22 | 7°53 | 5°49 | 27°33 | 10°21 | 12°50 | 2°49 | 26°44 | 25°25 | 9°40 | 13°25 | W25 |
| T 26 | 0 21 11 | 3°46'28 | 29°43 | 24°58 | 20°28 | 8°31 | 5°54 | 27°39 | 10°25 | 12°49 | 2°50 | 26°D43 | 25°22 | 9°47 | 13°25 | T 26 |
| F 27 | 0 25 8 | 4°44'34 | 11 る 46 | 26°54 | 21°35 | 9° 9 | 5°58 | 27°46 | 10°29 | 12°48 | 2°52 | 26°43 | 25°18 | 9°54 | 13°24 | F 27 |
| S 28 | 0 29 4 | 5°42'42 | 23°39 | 28°51 | 22°41 | 9°47 | 6° 3 | 27°53 | 10°32 | 12°47 | 2°53 | 26°44 | 25°15 | 10° 0 | 13°24 | S 28 |
| S 29 | 0 33 1 | 6°40'50 | 5≈28 | 0 ≙ 47 | 23°48 | 10°25 | 6° 8 | 27°59 | 10°36 | 12°46 | 2°55 | 26°46 | 25°12 | 10° 7 | 13°23 | S 29 |
| M30 | 0 36 58 | 7 ≙ 39'00 | 17≈17 | 2 ≏ 44 | 24 Ω 55 | 11 0 3 | 6 ප 13 | 28 N 6 | 10 ≏ 40 | 12 ≈ 46 | 2 ₹ 56 | 26≈47 | 25≈ 9 | 10≈14 | 13 Ⅱ 22 | M30 |

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|------|---------|------------------|-----------------|----------------|---------------|----------------|---------------|----------------|----------------|--------|----------------|--------|-------|-------|----------------|------|
| T 1 | 0 40 54 | 8 ₾ 37'12 | 29≈11 | 4 ₽ 40 | 26 Ω 2 | 11 Ω 41 | 6 ට 18 | 28 Ω 13 | 10 ≏ 44 | 12°R45 | 2 ₹ 58 | 26°R48 | 25≈ 6 | 10≈20 | 13°R21 | T 1 |
| W 2 | 0 44 51 | 9°35'25 | 11 米 13 | 6°35 | 27° 9 | 12°19 | 6°24 | 28°19 | 10°47 | 12≈44 | 3° 0 | 26≈46 | 25° 2 | 10°27 | 13 Ⅱ 21 | W 2 |
| T 3 | 0 48 47 | 10°33'39 | 23°26 | 8°30 | 28°17 | 12°56 | 6°30 | 28°26 | 10°51 | 12°43 | 3° 1 | 26°43 | 24°59 | 10°34 | 13°20 | T 3 |
| F 4 | 0 52 44 | 11°31'55 | 5 Ƴ 53 | 10°24 | 29°24 | 13°34 | 6°35 | 28°32 | 10°55 | 12°43 | 3° 3 | 26°38 | 24°56 | 10°40 | 13°19 | F 4 |
| S 5 | 0 56 40 | 12°30'13 | 18°34 | 12°17 | 0 Mp 32 | 14°11 | 6°41 | 28°38 | 10°59 | 12°42 | 3° 5 | 26°31 | 24°53 | 10°47 | 13°18 | S 5 |
| S 6 | 1 0 37 | 13°28'32 | 1830 | 14° 9 | 1°40 | 14°48 | 6°47 | 28°45 | 11° 2 | 12°42 | 3° 6 | 26°23 | 24°50 | 10°53 | 13°16 | S 6 |
| M 7 | 1 4 33 | 14°26'54 | 14°40 | 16° 0 | 2°48 | 15°26 | 6°53 | 28°51 | 11° 6 | 12°41 | 3° 8 | 26°15 | 24°47 | 11° 0 | 13°15 | M 7 |
| T 8 | 1 8 30 | 15°25'17 | 28° 2 | 17°50 | 3°57 | 16° 3 | 7° 0 | 28°57 | 11°10 | 12°40 | 3°10 | 26° 7 | 24°43 | 11° 7 | 13°14 | T 8 |
| W 9 | 1 12 27 | 16°23'42 | 11 II 36 | 19°39 | 5° 5 | 16°40 | 7° 6 | 29° 3 | 11°14 | 12°40 | 3°12 | 26° 1 | 24°40 | 11°13 | 13°13 | W 9 |
| T 10 | 1 16 23 | 17°22'10 | 25°21 | 21°27 | 6°14 | 17°17 | 7°13 | 29° 9 | 11°18 | 12°39 | 3°14 | 25°57 | 24°37 | 11°20 | 13°12 | T 10 |
| F 11 | 1 20 20 | 18°20'39 | 99514 | 23°15 | 7°23 | 17°54 | 7°20 | 29°15 | 11°21 | 12°39 | 3°15 | 25°55 | 24°34 | 11°27 | 13°10 | F 11 |
| S 12 | 1 24 16 | 19°19'11 | 23°16 | 25° 1 | 8°31 | 18°30 | 7°27 | 29°21 | 11°25 | 12°39 | 3°17 | 25°D55 | 24°31 | 11°33 | 13° 9 | S 12 |
| S 13 | 1 28 13 | 20°17'45 | $7\Omega_{26}$ | 26°46 | 9°41 | 19° 7 | 7°34 | 29°27 | 11°29 | 12°38 | 3°19 | 25°55 | 24°28 | 11°40 | 13° 7 | S 13 |
| M14 | 1 32 9 | 21°16'21 | 21°42 | 28°30 | 10°50 | 19°43 | 7°41 | 29°33 | 11°33 | 12°38 | 3°21 | 25°R56 | 24°24 | 11°47 | 13° 6 | M14 |
| T 15 | 1 36 6 | 22°14'58 | 6Mp 3 | 0 M .13 | 11°59 | 20°20 | 7°48 | 29°38 | 11°36 | 12°38 | 3°23 | 25°56 | 24°21 | 11°53 | 13° 4 | T 15 |
| W16 | 1 40 2 | 23°13'38 | 20°24 | 1°55 | 13° 9 | 20°56 | 7°56 | 29°44 | 11°40 | 12°37 | 3°25 | 25°53 | 24°18 | 12° 0 | 13° 2 | W16 |
| T 17 | 1 43 59 | 24°12'20 | 4 ≏ 43 | 3°36 | 14°18 | 21°32 | 8° 3 | 29°50 | 11°44 | 12°37 | 3°27 | 25°48 | 24°15 | 12° 7 | 13° 1 | T 17 |
| F 18 | 1 47 55 | 25°11'04 | 18°53 | 5°16 | 15°28 | 22° 8 | 8°11 | 29°55 | 11°47 | 12°37 | 3°29 | 25°41 | 24°12 | 12°13 | 12°59 | F 18 |
| S 19 | 1 51 52 | 26° 9'50 | 2 M 50 | 6°55 | 16°38 | 22°44 | 8°19 | 0 m y 1 | 11°51 | 12°37 | 3°31 | 25°32 | 24° 8 | 12°20 | 12°57 | S 19 |
| S 20 | 1 55 49 | 27° 8'38 | 16°30 | 8°33 | 17°48 | 23°20 | 8°27 | 0° 6 | 11°55 | 12°36 | 3°33 | 25°21 | 24° 5 | 12°27 | 12°55 | S 20 |
| M21 | 1 59 45 | 28° 7'28 | 29°49 | 10°10 | 18°58 | 23°56 | 8°35 | 0°11 | 11°58 | 12°36 | 3°35 | 25°11 | 24° 2 | 12°33 | 12°53 | M21 |
| T 22 | 2 3 42 | 29° 6'19 | 12 ,7 47 | 11°47 | 20° 9 | 24°32 | 8°44 | 0°17 | 12° 2 | 12°36 | 3°37 | 25° 2 | 23°59 | 12°40 | 12°51 | T 22 |
| W23 | 2 7 38 | 0M 5'13 | 25°23 | 13°22 | 21°19 | 25° 7 | 8°52 | 0°22 | 12° 6 | 12°36 | 3°39 | 24°54 | 23°56 | 12°46 | 12°49 | W23 |
| T 24 | 2 11 35 | 1° 4'08 | 7 궁 41 | 14°57 | 22°30 | 25°42 | 9° 1 | 0°27 | 12° 9 | 12°D36 | 3°41 | 24°49 | 23°53 | 12°53 | 12°47 | T 24 |
| F 25 | 2 15 31 | 2° 3'04 | 19°44 | 16°31 | 23°40 | 26°18 | 9° 9 | 0°32 | 12°13 | 12°36 | 3°43 | 24°47 | 23°49 | 13° 0 | 12°45 | F 25 |
| S 26 | 2 19 28 | 3° 2'03 | 1 ≈ 37 | 18° 4 | 24°51 | 26°53 | 9°18 | 0°37 | 12°17 | 12°36 | 3°46 | 24°D46 | 23°46 | 13° 6 | 12°43 | S 26 |
| S 27 | 2 23 25 | 4° 1'03 | 13°26 | 19°36 | 26° 2 | 27°28 | 9°27 | 0°42 | 12°20 | 12°36 | 3°48 | 24°46 | 23°43 | 13°13 | 12°41 | S 27 |
| M28 | 2 27 21 | 5° 0'04 | 25°15 | 21° 7 | 27°13 | 28° 3 | 9°36 | 0°46 | 12°24 | 12°36 | 3°50 | 24°R46 | 23°40 | 13°20 | 12°39 | M28 |
| T 29 | 2 31 18 | 5°59'07 | 7 ∺ 11 | 22°37 | 28°24 | 28°38 | 9°45 | 0°51 | 12°27 | 12°37 | 3°52 | 24°46 | 23°37 | 13°26 | 12°36 | T 29 |
| W30 | 2 35 14 | 6°58'12 | 19°17 | 24° 7 | 29°35 | 29°12 | 9°54 | 0°56 | 12°31 | 12°37 | 3°54 | 24°43 | 23°33 | 13°33 | 12°34 | W30 |
| T 31 | 2 39 11 | 7 M 57'19 | 1 Ƴ 39 | 25 M 36 | 0 요 46 | 29 Ω 47 | 10중 4 | 1 Mp 0 | 12 ≏ 34 | 12≈37 | 3 , ₹57 | 24≈38 | 23≈30 | 13≈40 | 12 Ⅱ 32 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)ұ(| 卉 | Р | 'n | ດ | Ç | ę, | Day |
|----------------------|-------------------------------|---|---|-----------------------------------|------------------------------|-----------------------------------|----------------------------------|--------------------------------|---------------------------------|-------------------------|------------------------------|-------------------------|-------------------------|-------------------------|----------------|--------------|
| F 1 | 2 43 7 | 8M56'28 | 14 Y 18 | 27 M 4 | 1 ≏ 58 | 0 m 21 | 10る13 | 1 Mp 5 | 12 ॒ 38 | 12≈37 | 3 √ 59 | 24°R30 | 23≈27 | 13≈46 | 12°R29 | F 1 |
| S 2 | 2 47 4 | 9°55'38 | 27°17 | 28°31 | 3° 9 | 0°55 | 10°23 | 1° 9 | 12°41 | 12°37 | 4° 1 | 24≈20 | 23°24 | 13°53 | 12 Ⅲ 27 | S 2 |
| S 3 | 2 51 0 | 10°54'50 | 10834 | 29°57 | 4°21 | 1°29 | 10°33 | 1°13 | 12°45 | 12°38 | 4° 3 | 24° 8 | 23°21 | 14° 0 | 12°24 | S 3 |
| M 4 | 2 54 57 | 11°54'05 | 24° 9 | 1 ₹ 23 | 5°32 | 2° 3 | 10°42 | 1°17 | 12°48 | 12°38 | 4° 6 | 23°56 | 23°18 | 14° 6 | 12°22 | M 4 |
| T 5 | 2 58 53 | 12°53'21 | 7 Ⅱ 57 | 2°48 | 6°44 | 2°37 | 10°52 | 1°22 | 12°52 | 12°39 | 4° 8 | 23°44 | 23°14 | 14°13 | 12°19 | T 5 |
| W 6 | 3 2 50 | 13°52'40 | 21°55 | 4°11 | 7°56 | 3°11 | 11° 2 | 1°26 | 12°55 | 12°39 | 4°10 | 23°34 | 23°11 | 14°20 | 12°16 | W 6 |
| T 7 | 3 6 47 | 14°52'01 | 6 9 0 | 5°34 | 9° 8 | 3°45 | 11°13 | 1°29 | 12°58 | 12°39 | 4°12 | 23°27 | 23° 8 | 14°26 | 12°14 | T 7 |
| F 8 | 3 10 43 | 15°51'23 | 20° 7 | 6°56 | 10°20 | 4°18 | 11°23 | 1°33 | 13° 2 | 12°40 | 4°15 | 23°23 | 23° 5 | 14°33 | 12°11 | F 8 |
| S 9 | 3 14 40 | 16°50'49 | 4 Ω 15 | 8°17 | 11°32 | 4°51 | 11°33 | 1°37 | 13° 5 | 12°40 | 4°17 | 23°21 | 23° 2 | 14°39 | 12° 8 | S 9 |
| S 10 | 3 18 36 | 17°50'16 | 18°22 | 9°36 | 12°45 | 5°24 | 11°44 | 1°41 | 13° 8 | 12°41 | 4°19 | 23°21 | 22°59 | 14°46 | 12° 6 | S 10 |
| M11 | 3 22 33 | 18°49'46 | 2 Mp 26 | 10°55 | 13°57 | 5°57 | 11°54 | 1°44 | 13°12 | 12°41 | 4°22 | 23°21 | 22°55 | 14°53 | 12° 3 | M11 |
| T 12 | 3 26 29 | 19°49'17 | 16°28 | 12°12 | 15° 9 | 6°30 | 12° 5 | 1°48 | 13°15 | 12°42 | 4°24 | 23°19 | 22°52 | 14°59 | 12° 0 | T 12 |
| W13 | 3 30 26 | 20°48'51 | 0 <u>₽</u> 26 | 13°28 | 16°22 | 7° 3 | 12°15 | 1°51 | 13°18 | 12°43 | 4°26 | 23°16 | 22°49 | 15° 6 | 11°57 | W13 |
| T 14 | 3 34 22 | 21°48'28 | 14°18 | 14°43 | 17°35 | 7°35 | 12°26 | 1°54 | 13°21 | 12°43 | 4°29 | 23° 9 | 22°46 | 15°13 | 11°54 | T 14 |
| F 15 | 3 38 19 | 22°48'06 | 28° 3 | 15°56 17° 7 | 18°47 20° 0 | 8° 8 | 12°37 | 1°57 2° 0 | 13°24 | 12°44 12°45 | 4°31 | 23° 0 | 22°43 | 15°19 | 11°51 | F 15 S 16 |
| S 16 | 3 42 16 | 23°47'46 | 11 M .37 | | | 8°40 | 12°48 | | 13°27 | _ | 4°34 | 22°48 | 22°39 | 15°26 | 11°49 | |
| S 17 | 3 46 12 | 24°47'29 | 24°57 | 18°17 | 21°13 | 9°12 | 12°59 | 2° 3 | 13°31 | 12°46 | 4°36 | 22°35 | 22°36 | 15°33 | 11°46 | S 17 |
| M18 | 3 50 9 | 25°47'13 | 8 √ 2 | 19°24 | 22°26 | 9°44 | 13°10 | 2° 6 | 13°34 | 12°46 | 4°38 | 22°22 | 22°33 | 15°39 | 11°43 | M18 |
| T 19 | 3 54 5 | 26°47'00 | 20°50 | 20°30 | 23°39 | 10°15 | 13°22 | 2° 9 | 13°37 | 12°47 | 4°41 | 22°10 | 22°30 | 15°46 | 11°40 | T 19 |
| W20 | 3 58 2 | 27°46'48 | 3 군 20 | 21°33 | 24°52 | 10°47 | 13°33 | 2°12 | 13°40 | 12°48 | 4°43 | 22° 0 | 22°27 | 15°53 | 11°37 | W20 |
| T 21 F 22 | 4 1 58 4 5 55 | 28°46'37 29°46'29 | 15°34 27°35 | 22°33 23°30 | 26° 5 27°18 | 11°18 11°49 | 13°44 13°56 | 2°14 2°17 | 13°43 13°45 | 12°49 12°50 | 4°46 4°48 | 21°52 21°48 | 22°24 22°20 | 15°59 16° 6 | 11°34 11°31 | T 21 F 22 |
| S 23 | 4 9 52 | 0 x ⁷ 46'22 | 27 33 9 ≈ 27 | 23°30 24°24 | 27 18 28°31 | 11 49 12°20 | 13 30 14° 8 | 2°19 | 13°48 | 12°51 | 4 48 4°50 | 21°46 | 22°17 | 16°12 | 11°28 | S 23 |
| | | | | | | | | | | | | | | - | | - |
| S 24 | 4 13 48 | 1°46'17 | 21°15 | 25°14 | 29°44 | 12°51 | 14°19 | 2°21 | 13°51 | 12°52 | 4°53 | 21°D45 | 22°14 | 16°19 | 11°24 | S 24 |
| M25 | 4 17 45 | 2°46'13 | 3) € 3 | 26° 0 | 0 M .58 | 13°22 | 14°31 | 2°23 | 13°54 | 12°53 | 4°55 | 21°R45 | 22°11 | 16°26 | 11°21 | M25 |
| T 26 | 4 21 41 | 3°46'10 | 14°58 | 26°41 | 2°11 | 13°52 | 14°43 | 2°25 | 13°57 | 12°54 | 4°58 | 21°45 | 22° 8 | 16°32 | 11°18 | T 26 |
| W27 | 4 25 38 | 4°46'10 | 27° 5 | 27°18 | 3°25 | 14°22 | 14°55 | 2°27 | 13°59 | 12°55 | 5° 0 | 21°43 | 22° 5 | 16°39 | 11°15 | W27 T 28 |
| | | | | | | | | - | | | | | | | | F 29 |
| | | | | _ | | | | | | | | | | | 11 I 6 | S 30 |
| T 28 F 29 S 30 | 4 29 34 4 33 31 4 37 27 | 5°46'10 6°46'13 7 × 746'17 | 9 Υ 29 22°14 5 ႘ 23 | 27°48 28°12 28 ∡ 729 | 4°38 5°52 7 M 5 | 14°52 15°22 15 m /52 | 15° 7 15°19 15 ♂ 31 | 2°29 2°31 2 m /32 | 14° 2 14° 5 14 º 7 | 12°56 12°57 12≈58 | 5° 3 5° 5 5 ∡ 7 | 21°38 21°31 21≈22 | 22° 1 21°58 21≈55 | 16°46 16°52 16≈59 | | 9 |

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| Day | Sid.t | \odot | Ŋ | φ | φ | o ⁷ | 24 | ħ |)∤(| ¥ | 2 | ß | Ω | ţ | δ | Day |
|------|---------|-------------------|----------------|----------------|----------------|----------------|----------------|---------|----------------|----------------|---------------|----------------|-------|-------|---------------|------|
| S 1 | 4 41 24 | 8 ∡ 146'22 | 18 8 55 | 28 ~ 38 | 8 M .19 | 16 m 21 | 15 る 43 | 2 Mp 34 | 14 ₽ 10 | 13≈ 0 | 5 ₹ 10 | 21°R11 | 21≈52 | 17≈ 6 | 11°R 3 | S 1 |
| M 2 | 4 45 21 | 9°46'29 | 2 II 50 | 28°R39 | 9°33 | 16°50 | 15°55 | 2°35 | 14°13 | 13° 1 | 5°12 | 20≈59 | 21°49 | 17°12 | 11 I 0 | M 2 |
| T 3 | 4 49 17 | 10°46'38 | 17° 3 | 28°31 | 10°47 | 17°19 | 16° 7 | 2°36 | 14°15 | 13° 2 | 5°15 | 20°48 | 21°45 | 17°19 | 10°56 | T 3 |
| W 4 | 4 53 14 | 11°46'49 | 19529 | 28°14 | 12° 0 | 17°48 | 16°20 | 2°37 | 14°17 | 13° 3 | 5°17 | 20°38 | 21°42 | 17°26 | 10°53 | W 4 |
| T 5 | 4 57 10 | 12°47'02 | 16° 0 | 27°46 | 13°14 | 18°16 | 16°32 | 2°39 | 14°20 | 13° 5 | 5°20 | 20°32 | 21°39 | 17°32 | 10°50 | T 5 |
| F 6 | 5 1 7 | 13°47'16 | 0 Ω 31 | 27° 9 | 14°28 | 18°44 | 16°45 | 2°39 | 14°22 | 13° 6 | 5°22 | 20°28 | 21°36 | 17°39 | 10°47 | F 6 |
| S 7 | 5 5 3 | 14°47'32 | 14°57 | 26°21 | 15°42 | 19°13 | 16°57 | 2°40 | 14°25 | 13° 8 | 5°24 | 20°D26 | 21°33 | 17°46 | 10°44 | S 7 |
| S 8 | 5 9 0 | 15°47'50 | 29°14 | 25°24 | 16°56 | 19°40 | 17°10 | 2°41 | 14°27 | 13° 9 | 5°27 | 20°26 | 21°30 | 17°52 | 10°41 | S 8 |
| M 9 | 5 12 56 | 16°48'10 | 13 m 21 | 24°18 | 18°10 | 20° 8 | 17°23 | 2°42 | 14°29 | 13°10 | 5°29 | 20°R27 | 21°26 | 17°59 | 10°38 | M 9 |
| T 10 | 5 16 53 | 17°48'32 | 27°16 | 23° 5 | 19°25 | 20°35 | 17°35 | 2°42 | 14°31 | 13°12 | 5°32 | 20°26 | 21°23 | 18° 5 | 10°35 | T 10 |
| W11 | 5 20 50 | 18°48'56 | 10 ♀ 59 | 21°47 | 20°39 | 21° 2 | 17°48 | 2°42 | 14°33 | 13°13 | 5°34 | 20°24 | 21°20 | 18°12 | 10°31 | W11 |
| T 12 | 5 24 46 | 19°49'21 | 24°32 | 20°26 | 21°53 | 21°29 | 18° 1 | 2°43 | 14°36 | 13°15 | 5°36 | 20°19 | 21°17 | 18°19 | 10°28 | T 12 |
| F 13 | 5 28 43 | 20°49'48 | 7 M 53 | 19° 5 | 23° 7 | 21°55 | 18°14 | 2°43 | 14°38 | 13°16 | 5°39 | 20°12 | 21°14 | 18°25 | 10°25 | F 13 |
| S 14 | 5 32 39 | 21°50'17 | 21° 3 | 17°46 | 24°22 | 22°22 | 18°27 | 2°R43 | 14°40 | 13°18 | 5°41 | 20° 3 | 21°11 | 18°32 | 10°22 | S 14 |
| S 15 | 5 36 36 | 22°50'48 | 4 ₹ 0 | 16°32 | 25°36 | 22°48 | 18°40 | 2°43 | 14°42 | 13°20 | 5°43 | 19°52 | 21° 7 | 18°39 | 10°19 | S 15 |
| M16 | 5 40 32 | 23°51'20 | 16°45 | 15°26 | 26°50 | 23°13 | 18°53 | 2°43 | 14°43 | 13°21 | 5°46 | 19°41 | 21° 4 | 18°45 | 10°16 | M16 |
| T 17 | 5 44 29 | 24°51'54 | 29°16 | 14°29 | 28° 5 | 23°39 | 19° 6 | 2°42 | 14°45 | 13°23 | 5°48 | 19°31 | 21° 1 | 18°52 | 10°13 | T 17 |
| W18 | 5 48 25 | 25°52'29 | 11 る 35 | 13°43 | 29°19 | 24° 4 | 19°19 | 2°42 | 14°47 | 13°24 | 5°50 | 19°23 | 20°58 | 18°59 | 10°10 | W18 |
| T 19 | 5 52 22 | 26°53'06 | 23°42 | 13° 8 | 0 . ₹34 | 24°29 | 19°32 | 2°41 | 14°49 | 13°26 | 5°53 | 19°17 | 20°55 | 19° 5 | 10° 7 | T 19 |
| F 20 | 5 56 19 | 27°53'43 | 5≈38 | 12°44 | 1°48 | 24°53 | 19°45 | 2°41 | 14°51 | 13°28 | 5°55 | 19°14 | 20°51 | 19°12 | 10° 4 | F 20 |
| S 21 | 6 0 15 | 28°54'22 | 17°28 | 12°32 | 3° 3 | 25°17 | 19°58 | 2°40 | 14°52 | 13°30 | 5°57 | 19°D13 | 20°48 | 19°19 | 10° 1 | S 21 |
| S 22 | 6 4 12 | 29°55'02 | 29°14 | 12°D31 | 4°17 | 25°41 | 20°12 | 2°39 | 14°54 | 13°31 | 5°59 | 19°13 | 20°45 | 19°25 | 9°58 | S 22 |
| M23 | 6 8 8 | 0 ට 555'43 | 11) 2 | 12°41 | 5°32 | 26° 5 | 20°25 | 2°38 | 14°55 | 13°33 | 6° 2 | 19°15 | 20°42 | 19°32 | 9°55 | M23 |
| T 24 | 6 12 5 | 1°56'24 | 22°55 | 13° 0 | 6°47 | 26°28 | 20°38 | 2°37 | 14°57 | 13°35 | 6° 4 | 19°16 | 20°39 | 19°38 | 9°52 | T 24 |
| W25 | 6 16 1 | 2°57'07 | 5 Υ 0 | 13°28 | 8° 1 | 26°51 | 20°52 | 2°36 | 14°58 | 13°37 | 6° 6 | 19°R16 | 20°36 | 19°45 | 9°50 | W25 |
| T 26 | 6 19 58 | 3°57'51 | 17°21 | 14° 4 | 9°16 | 27°13 | 21° 5 | 2°34 | 15° 0 | 13°39 | 6° 8 | 19°15 | 20°32 | 19°52 | 9°47 | T 26 |
| F 27 | 6 23 55 | 4°58'35 | 0 8 4 | 14°47 | 10°31 | 27°35 | 21°18 | 2°33 | 15° 1 | 13°40 | 6°11 | 19°12 | 20°29 | 19°58 | 9°44 | F 27 |
| S 28 | 6 27 51 | 5°59'21 | 13°12 | 15°36 | 11°45 | 27°57 | 21°32 | 2°31 | 15° 2 | 13°42 | 6°13 | 19° 7 | 20°26 | 20° 5 | 9°41 | S 28 |
| S 29 | 6 31 48 | 7° 0'07 | 26°47 | 16°30 | 13° 0 | 28°18 | 21°45 | 2°30 | 15° 4 | 13°44 | 6°15 | 19° 1 | 20°23 | 20°12 | 9°39 | S 29 |
| M30 | 6 35 44 | 8° 0'54 | 10 Ⅱ 49 | 17°30 | 14°15 | 28°39 | 21°59 | 2°28 | 15° 5 | 13°46 | 6°17 | 18°54 | 20°20 | 20°18 | 9°36 | M30 |
| T 31 | 6 39 41 | 9る 1'43 | 25 Ⅱ 15 | 18 7 34 | 15 ₹ 30 | 29 Mp 0 | 22 る 12 | 2Mp26 | 15 ♀ 6 | 13 ≈ 48 | 6 ₹ 19 | 18 ≈ 48 | 20≈17 | 20≈25 | 9 Ⅱ 33 | T 31 |

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|------|---------|----------|----------------|-----------------|----------------|----------------|----------------|---------------|----------------|-------|---------------|----------------|-------|-------|-------|------|
| W 1 | 6 43 37 | 10궁 2'32 | 1095 0 | 19 .7 41 | 16 ₹ 45 | 29 m 20 | 22 る 26 | 2°R24 | 15 ♀ 7 | 13≈50 | 6 ₹ 21 | 18°R42 | 20≈13 | 20≈32 | 9°R31 | W 1 |
| T 2 | 6 47 34 | 11° 3'22 | 24°55 | 20°51 | 17°59 | 29°40 | 22°40 | 2 m 22 | 15° 8 | 13°52 | 6°23 | 18 ≈ 38 | 20°10 | 20°38 | 9∏28 | T 2 |
| F 3 | 6 51 30 | 12° 4'13 | 9 Ω 52 | 22° 5 | 19°14 | 29°59 | 22°53 | 2°20 | 15° 9 | 13°54 | 6°26 | 18°36 | 20° 7 | 20°45 | 9°26 | F 3 |
| S 4 | 6 55 27 | 13° 5'05 | 24°43 | 23°20 | 20°29 | 0 ჲ 19 | 23° 7 | 2°18 | 15°10 | 13°56 | 6°28 | 18°D36 | 20° 4 | 20°52 | 9°23 | S 4 |
| S 5 | 6 59 24 | 14° 5'58 | 9 m 22 | 24°38 | 21°44 | 0°37 | 23°20 | 2°15 | 15°11 | 13°58 | 6°30 | 18°37 | 20° 1 | 20°58 | 9°21 | S 5 |
| M 6 | 7 3 20 | 15° 6'52 | 23°43 | 25°57 | 22°59 | 0°56 | 23°34 | 2°13 | 15°11 | 14° 0 | 6°32 | 18°39 | 19°57 | 21° 5 | 9°18 | M 6 |
| T 7 | 7 7 17 | 16° 7'47 | 7 ≙ 46 | 27°18 | 24°14 | 1°13 | 23°48 | 2°10 | 15°12 | 14° 2 | 6°34 | 18°40 | 19°54 | 21°12 | 9°16 | T 7 |
| W 8 | 7 11 13 | 17° 8'44 | 21°29 | 28°41 | 25°29 | 1°31 | 24° 1 | 2° 8 | 15°13 | 14° 4 | 6°36 | 18°R40 | 19°51 | 21°18 | 9°14 | W 8 |
| T 9 | 7 15 10 | 18° 9'41 | 4 M .53 | 0중 4 | 26°44 | 1°47 | 24°15 | 2° 5 | 15°14 | 14° 6 | 6°38 | 18°39 | 19°48 | 21°25 | 9°11 | T 9 |
| F 10 | 7 19 6 | 19°10'40 | 18° 0 | 1°29 | 27°59 | 2° 4 | 24°29 | 2° 2 | 15°14 | 14° 8 | 6°40 | 18°36 | 19°45 | 21°31 | 9° 9 | F 10 |
| S 11 | 7 23 3 | 20°11'39 | 0 才 52 | 2°54 | 29°14 | 2°20 | 24°43 | 1°59 | 15°15 | 14°10 | 6°41 | 18°33 | 19°42 | 21°38 | 9° 7 | S 11 |
| S 12 | 7 26 59 | 21°12'40 | 13°29 | 4°20 | 0 궁 29 | 2°35 | 24°56 | 1°56 | 15°15 | 14°13 | 6°43 | 18°28 | 19°38 | 21°45 | 9° 5 | S 12 |
| M13 | 7 30 56 | 22°13'41 | 25°55 | 5°47 | 1°44 | 2°50 | 25°10 | 1°53 | 15°15 | 14°15 | 6°45 | 18°23 | 19°35 | 21°51 | 9° 3 | M13 |
| T 14 | 7 34 53 | 23°14'43 | 8 궁 10 | 7°15 | 2°59 | 3° 4 | 25°24 | 1°50 | 15°16 | 14°17 | 6°47 | 18°19 | 19°32 | 21°58 | 9° 1 | T 14 |
| W15 | 7 38 49 | 24°15'45 | 20°15 | 8°43 | 4°14 | 3°18 | 25°38 | 1°46 | 15°16 | 14°19 | 6°49 | 18°15 | 19°29 | 22° 5 | 8°59 | W15 |
| T 16 | 7 42 46 | 25°16'48 | 2≈13 | 10°12 | 5°29 | 3°31 | 25°51 | 1°43 | 15°16 | 14°21 | 6°51 | 18°13 | 19°26 | 22°11 | 8°57 | T 16 |
| F 17 | 7 46 42 | 26°17'51 | 14° 4 | 11°41 | 6°45 | 3°44 | 26° 5 | 1°40 | 15°16 | 14°23 | 6°52 | 18°D12 | 19°23 | 22°18 | 8°55 | F 17 |
| S 18 | 7 50 39 | 27°18'55 | 25°52 | 13°11 | 8° 0 | 3°56 | 26°19 | 1°36 | 15°17 | 14°25 | 6°54 | 18°12 | 19°19 | 22°25 | 8°53 | S 18 |
| S 19 | 7 54 35 | 28°19'59 | 7) €38 | 14°41 | 9°15 | 4° 8 | 26°33 | 1°32 | 15°R17 | 14°28 | 6°56 | 18°13 | 19°16 | 22°31 | 8°51 | S 19 |
| M20 | 7 58 32 | 29°21'03 | 19°26 | 16°11 | 10°30 | 4°19 | 26°47 | 1°29 | 15°17 | 14°30 | 6°58 | 18°15 | 19°13 | 22°38 | 8°50 | M20 |
| T 21 | 8 2 29 | 0≈22'07 | 1 Υ 20 | 17°42 | 11°45 | 4°29 | 27° 0 | 1°25 | 15°17 | 14°32 | 6°59 | 18°16 | 19°10 | 22°45 | 8°48 | T 21 |
| W22 | 8 6 25 | 1°23'11 | 13°24 | 19°13 | 13° 0 | 4°39 | 27°14 | 1°21 | 15°16 | 14°34 | 7° 1 | 18°18 | 19° 7 | 22°51 | 8°46 | W22 |
| T 23 | 8 10 22 | 2°24'15 | 25°42 | 20°44 | 14°16 | 4°48 | 27°28 | 1°17 | 15°16 | 14°37 | 7° 2 | 18°19 | 19° 3 | 22°58 | 8°45 | T 23 |
| F 24 | 8 14 18 | 3°25'19 | 8819 | 22°16 | 15°31 | 4°56 | 27°42 | 1°13 | 15°16 | 14°39 | 7° 4 | 18°R19 | 19° 0 | 23° 4 | 8°43 | F 24 |
| S 25 | 8 18 15 | 4°26'23 | 21°20 | 23°48 | 16°46 | 5° 4 | 27°55 | 1° 9 | 15°16 | 14°41 | 7° 6 | 18°18 | 18°57 | 23°11 | 8°42 | S 25 |
| S 26 | 8 22 11 | 5°27'27 | 4∏47 | 25°21 | 18° 1 | 5°11 | 28° 9 | 1° 5 | 15°15 | 14°43 | 7° 7 | 18°17 | 18°54 | 23°18 | 8°40 | S 26 |
| M27 | 8 26 8 | 6°28'31 | 18°42 | 26°53 | 19°16 | 5°18 | 28°23 | 1° 1 | 15°15 | 14°46 | 7° 9 | 18°15 | 18°51 | 23°24 | 8°39 | M27 |
| T 28 | 8 30 4 | 7°29'35 | 395 5 | 28°27 | 20°32 | 5°24 | 28°37 | 0°56 | 15°15 | 14°48 | 7°10 | 18°14 | 18°48 | 23°31 | 8°38 | T 28 |
| W29 | 8 34 1 | 8°30'39 | 17°51 | 0 📚 0 | 21°47 | 5°29 | 28°50 | 0°52 | 15°14 | 14°50 | 7°11 | 18°13 | 18°44 | 23°38 | 8°37 | W29 |
| T 30 | 8 37 58 | 9°31'42 | 2€54 | 1°34 | 23° 2 | 5°34 | 29° 4 | 0°48 | 15°14 | 14°52 | 7°13 | 18°12 | 18°41 | 23°44 | 8°36 | T 30 |
| F 31 | 8 41 54 | 10≈32'45 | 18 Ω 7 | 3≈ 8 | 24 궁 17 | 5 ₾ 38 | 29 궁 18 | 0 m 43 | 15 ≏ 13 | 14≈55 | 7 ₹ 14 | 18°D12 | 18≈38 | 23≈51 | 8耳35 | F 31 |

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|------|----------|------------------|-----------------|----------------|----------------|---------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|-------|----------------|------|
| S 1 | 8 45 51 | 11≈33'49 | 3 m) 18 | 4≈43 | 25 궁 32 | 5 ≏ 41 | 29 궁 31 | 0°R39 | 15°R12 | 14≈57 | 7 ₹ 16 | 18 ≈ 12 | 18 ≈ 35 | 23≈58 | 8°R34 | S 1 |
| S 2 | 8 49 47 | 12°34'52 | 18°18 | 6°18 | 26°48 | 5°43 | 29°45 | 0 m /34 | 15 ≏ 12 | 14°59 | 7°17 | 18°12 | 18°32 | 24° 4 | 8Д33 | S 2 |
| M 3 | 8 53 44 | 13°35'55 | 3 ₾ 1 | 7°54 | 28° 3 | 5°45 | 29°59 | 0°30 | 15°11 | 15° 1 | 7°18 | 18°13 | 18°29 | 24°11 | 8°32 | M 3 |
| T 4 | 8 57 40 | 14°36'58 | 17°21 | 9°30 | 29°18 | 5°46 | 0≈12 | 0°25 | 15°10 | 15° 4 | 7°19 | 18°13 | 18°25 | 24°18 | 8°31 | T 4 |
| W 5 | 9 1 37 | 15°38'01 | 1 M _15 | 11° 6 | 0≈33 | 5°R46 | 0°26 | 0°20 | 15° 9 | 15° 6 | 7°21 | 18°13 | 18°22 | 24°24 | 8°30 | W 5 |
| T 6 | 9 5 33 | 16°39'05 | 14°44 | 12°43 | 1°49 | 5°45 | 0°39 | 0°16 | 15° 8 | 15° 8 | 7°22 | 18°R13 | 18°19 | 24°31 | 8°29 | T 6 |
| F 7 | 9 9 30 | 17°40'08 | 27°49 | 14°20 | 3° 4 | 5°44 | 0°53 | 0°11 | 15° 7 | 15°10 | 7°23 | 18°D13 | 18°16 | 24°38 | 8°29 | F 7 |
| S 8 | 9 13 27 | 18°41'12 | 10 ∡ 33 | 15°58 | 4°19 | 5°42 | 1° 6 | 0° 6 | 15° 6 | 15°13 | 7°24 | 18°13 | 18°13 | 24°44 | 8°28 | S 8 |
| S 9 | 9 17 23 | 19°42'15 | 23° 0 | 17°37 | 5°35 | 5°39 | 1°20 | 0° 1 | 15° 5 | 15°15 | 7°25 | 18°14 | 18° 9 | 24°51 | 8°28 | S 9 |
| M10 | 9 21 20 | 20°43'18 | 5 る 13 | 19°16 | 6°50 | 5°35 | 1°33 | 29 Ω 57 | 15° 4 | 15°17 | 7°26 | 18°14 | 18° 6 | 24°57 | 8°27 | M10 |
| T 11 | 9 25 16 | 21°44'21 | 17°15 | 20°55 | 8° 5 | 5°31 | 1°47 | 29°52 | 15° 3 | 15°20 | 7°27 | 18°14 | 18° 3 | 25° 4 | 8°27 | T 11 |
| W12 | 9 29 13 | 22°45'24 | 29°10 | 22°35 | 9°21 | 5°25 | 2° 0 | 29°47 | 15° 2 | 15°22 | 7°28 | 18°15 | 18° 0 | 25°11 | 8°27 | W12 |
| T 13 | 9 33 9 | 23°46'26 | 10≈59 | 24°16 | 10°36 | 5°19 | 2°13 | 29°42 | 15° 0 | 15°24 | 7°29 | 18°15 | 17°57 | 25°17 | 8°26 | T 13 |
| F 14 | 9 37 6 | 24°47'27 | 22°47 | 25°57 | 11°51 | 5°12 | 2°27 | 29°37 | 14°59 | 15°26 | 7°30 | 18°R15 | 17°54 | 25°24 | 8°26 | F 14 |
| S 15 | 9 41 2 | 25°48'28 | 4) €34 | 27°39 | 13° 6 | 5° 5 | 2°40 | 29°32 | 14°58 | 15°29 | 7°31 | 18°15 | 17°50 | 25°31 | 8°26 | S 15 |
| S 16 | 9 44 59 | 26°49'28 | 16°23 | 29°21 | 14°22 | 4°56 | 2°53 | 29°27 | 14°56 | 15°31 | 7°32 | 18°14 | 17°47 | 25°37 | 8°D26 | S 16 |
| M17 | 9 48 56 | 27°50'28 | 28°17 | 1 米 4 | 15°37 | 4°47 | 3° 6 | 29°22 | 14°55 | 15°33 | 7°33 | 18°12 | 17°44 | 25°44 | 8°26 | M17 |
| T 18 | 9 52 52 | 28°51'27 | 10 Υ 16 | 2°47 | 16°52 | 4°37 | 3°20 | 29°17 | 14°53 | 15°35 | 7°33 | 18°11 | 17°41 | 25°51 | 8°26 | T 18 |
| W19 | 9 56 49 | 29°52'24 | 22°25 | 4°31 | 18° 8 | 4°26 | 3°33 | 29°13 | 14°52 | 15°38 | 7°34 | 18° 9 | 17°38 | 25°57 | 8°26 | W19 |
| T 20 | 10 0 45 | 0 ¥ 53'21 | 4846 | 6°15 | 19°23 | 4°14 | 3°46 | 29° 8 | 14°50 | 15°40 | 7°35 | 18° 8 | 17°35 | 26° 4 | 8°27 | T 20 |
| F 21 | 10 4 42 | 1°54'17 | 17°22 | 8° 0 | 20°38 | 4° 1 | 3°59 | 29° 3 | 14°48 | 15°42 | 7°35 | 18° 7 | 17°31 | 26°11 | 8°27 | F 21 |
| S 22 | 10 8 38 | 2°55'12 | 0 П 18 | 9°45 | 21°54 | 3°48 | 4°12 | 28°58 | 14°47 | 15°44 | 7°36 | 18°D 6 | 17°28 | 26°17 | 8°27 | S 22 |
| S 23 | 10 12 35 | 3°56'06 | 13°35 | 11°31 | 23° 9 | 3°34 | 4°25 | 28°53 | 14°45 | 15°46 | 7°37 | 18° 6 | 17°25 | 26°24 | 8°28 | S 23 |
| M24 | 10 16 31 | 4°56'58 | 27°17 | 13°17 | 24°24 | 3°19 | 4°37 | 28°48 | 14°43 | 15°49 | 7°37 | 18° 7 | 17°22 | 26°30 | 8°28 | M24 |
| T 25 | 10 20 28 | 5°57'50 | 119524 | 15° 3 | 25°39 | 3° 4 | 4°50 | 28°43 | 14°41 | 15°51 | 7°38 | 18° 8 | 17°19 | 26°37 | 8°29 | T 25 |
| W26 | 10 24 25 | 6°58'40 | 25°56 | 16°49 | 26°55 | 2°48 | 5° 3 | 28°38 | 14°39 | 15°53 | 7°38 | 18°10 | 17°15 | 26°44 | 8°29 | W26 |
| T 27 | 10 28 21 | 7°59'29 | 10Ω49 | 18°34 | 28°10 | 2°31 | 5°16 | 28°33 | 14°37 | 15°55 | 7°39 | 18°R10 | 17°12 | 26°50 | 8°30 | T 27 |
| F 28 | 10 32 18 | 9 米 0'16 | 25 Ω 57 | 20 米 20 | 29≈25 | 2 ₾ 13 | 5≈28 | 28 Ω 29 | 14 ₾ 35 | 15≈57 | 7 , ₹39 | 18 ≈ 10 | 17 ≈ 9 | 26≈57 | 8 Ⅲ 31 | F 28 |

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| Day | Sid.t | 0 | D | Ϋ́ | φ | ♂ | 4 | ħ |)f(| ¥ | Р | N. | Ω | Ç | Ŷ, | Day |
|------|----------|-------------------|-----------------|---------------|---------------|-----------------|-------|----------------|----------------|-------|----------------|---------------|-------|---------------|---------------|------|
| S 1 | 10 36 14 | 10 光 1′03 | 11 m)11 | 22 米 5 | 0 ∺ 40 | 1°R55 | 5≈41 | 28°R24 | 14°R34 | 15≈59 | 7 ,₹ 39 | 18°R 9 | 17≈ 6 | 27≈ 4 | 8 П 32 | S 1 |
| S 2 | 10 40 11 | 11° 1'48 | 26°21 | 23°49 | 1°56 | 1 ≏ 36 | 5°54 | 28 Ω 19 | 14 ₽ 31 | 16° 1 | 7°40 | 18 ≈ 7 | 17° 3 | 27°10 | 8°32 | S 2 |
| M 3 | 10 44 7 | 12° 2'32 | 11 ≏ 17 | 25°33 | 3°11 | 1°17 | 6° 6 | 28°14 | 14°29 | 16° 3 | 7°40 | 18° 4 | 17° 0 | 27°17 | 8°33 | M 3 |
| T 4 | 10 48 4 | 13° 3'16 | 25°52 | 27°15 | 4°26 | 0°57 | 6°18 | 28°10 | 14°27 | 16° 6 | 7°40 | 18° 0 | 16°56 | 27°24 | 8°34 | T 4 |
| W 5 | 10 52 0 | 14° 3'58 | 10 M 1 | 28°55 | 5°41 | 0°36 | 6°31 | 28° 5 | 14°25 | 16° 8 | 7°41 | 17°57 | 16°53 | 27°30 | 8°35 | W 5 |
| T 6 | 10 55 57 | 15° 4'40 | 23°41 | 0 Υ 33 | 6°57 | 0°15 | 6°43 | 28° 0 | 14°23 | 16°10 | 7°41 | 17°54 | 16°50 | 27°37 | 8°37 | T 6 |
| F 7 | 10 59 54 | 16° 5'21 | 6 ₹ 52 | 2° 9 | 8°12 | 29 m 54 | 6°55 | 27°56 | 14°21 | 16°12 | 7°41 | 17°52 | 16°47 | 27°44 | 8°38 | F 7 |
| S 8 | 11 3 50 | 17° 6'00 | 19°39 | 3°41 | 9°27 | 29°32 | 7° 8 | 27°51 | 14°19 | 16°14 | 7°41 | 17°D52 | 16°44 | 27°50 | 8°39 | S 8 |
| S 9 | 11 7 47 | 18° 6'39 | 2る 4 | 5°10 | 10°42 | 29°10 | 7°20 | 27°47 | 14°16 | 16°16 | 7°41 | 17°53 | 16°41 | 27°57 | 8°40 | S 9 |
| M10 | 11 11 43 | 19° 7'17 | 14°12 | 6°34 | 11°58 | 28°47 | 7°32 | 27°42 | 14°14 | 16°18 | 7°41 | 17°54 | 16°37 | 28° 4 | 8°42 | M10 |
| T 11 | 11 15 40 | 20° 7'53 | 26° 9 | 7°53 | 13°13 | 28°24 | 7°44 | 27°38 | 14°12 | 16°20 | 7°R41 | 17°56 | 16°34 | 28°10 | 8°43 | T 11 |
| W12 | 11 19 36 | 21° 8'29 | 7≈58 | 9° 6 | 14°28 | 28° 1 | 7°55 | 27°34 | 14°10 | 16°22 | 7°41 | 17°58 | 16°31 | 28°17 | 8°45 | W12 |
| T 13 | 11 23 33 | 22° 9'03 | 19°44 | 10°13 | 15°43 | 27°37 | 8° 7 | 27°29 | 14° 7 | 16°24 | 7°41 | 17°R58 | 16°28 | 28°23 | 8°46 | T 13 |
| F 14 | 11 27 29 | 23° 9'36 | 1 米 31 | 11°13 | 16°58 | 27°14 | 8°19 | 27°25 | 14° 5 | 16°26 | 7°41 | 17°57 | 16°25 | 28°30 | 8°48 | F 14 |
| S 15 | 11 31 26 | 24°10'07 | 13°20 | 12° 5 | 18°14 | 26°50 | 8°31 | 27°21 | 14° 2 | 16°27 | 7°41 | 17°54 | 16°21 | 28°37 | 8°49 | S 15 |
| S 16 | 11 35 23 | 25°10'38 | 25°16 | 12°48 | 19°29 | 26°26 | 8°42 | 27°17 | 14° 0 | 16°29 | 7°41 | 17°50 | 16°18 | 28°43 | 8°51 | S 16 |
| M17 | 11 39 19 | 26°11'06 | 7 Υ 18 | 13°23 | 20°44 | 26° 2 | 8°54 | 27°13 | 13°58 | 16°31 | 7°41 | 17°43 | 16°15 | 28°50 | 8°53 | M17 |
| T 18 | 11 43 16 | 27°11'33 | 19°29 | 13°48 | 21°59 | 25°38 | 9° 5 | 27° 9 | 13°55 | 16°33 | 7°40 | 17°36 | 16°12 | 28°57 | 8°55 | T 18 |
| W19 | 11 47 12 | 28°11'59 | 1850 | 14° 3 | 23°14 | 25°14 | 9°16 | 27° 5 | 13°53 | 16°35 | 7°40 | 17°28 | 16° 9 | 29° 3 | 8°57 | W19 |
| T 20 | 11 51 9 | 29°12'22 | 14°23 | 14°R 9 | 24°29 | 24°50 | 9°28 | 27° 1 | 13°50 | 16°37 | 7°40 | 17°21 | 16° 6 | 29°10 | 8°59 | T 20 |
| F 21 | 11 55 5 | 0 Υ 12'45 | 27° 7 | 14° 4 | 25°44 | 24°27 | 9°39 | 26°58 | 13°48 | 16°38 | 7°39 | 17°15 | 16° 2 | 29°17 | 9° 1 | F 21 |
| S 22 | 11 59 2 | 1°13'05 | 10耳 7 | 13°50 | 27° 0 | 24° 3 | 9°50 | 26°54 | 13°45 | 16°40 | 7°39 | 17°11 | 15°59 | 29°23 | 9° 3 | S 22 |
| S 23 | 12 2 58 | 2°13'23 | 23°22 | 13°27 | 28°15 | 23°40 | 10° 1 | 26°51 | 13°43 | 16°42 | 7°39 | 17° 9 | 15°56 | 29°30 | 9° 5 | S 23 |
| M24 | 12 6 55 | 3°13'40 | 6956 | 12°55 | 29°30 | 23°17 | 10°12 | 26°47 | 13°40 | 16°44 | 7°38 | 17°D 8 | 15°53 | 29°37 | 9° 7 | M24 |
| T 25 | 12 10 51 | 4°13'54 | 20°49 | 12°15 | 0 Υ 45 | 22°55 | 10°22 | 26°44 | 13°37 | 16°45 | 7°38 | 17° 9 | 15°50 | 29°43 | 9° 9 | T 25 |
| W26 | 12 14 48 | 5°14'07 | 5 Ω 2 | 11°28 | 2° 0 | 22°32 | 10°33 | 26°40 | 13°35 | 16°47 | 7°37 | 17°10 | 15°47 | 29°50 | 9°12 | W26 |
| T 27 | 12 18 45 | 6°14'18 | 19°34 | 10°35 | 3°15 | 22°10 | 10°44 | 26°37 | 13°32 | 16°49 | 7°37 | 17°R11 | 15°43 | 29°57 | 9°14 | T 27 |
| F 28 | 12 22 41 | 7°14'26 | 4 Mp 22 | 9°38 | 4°30 | 21°49 | 10°54 | 26°34 | 13°30 | 16°50 | 7°36 | 17° 9 | 15°40 | 0 ∺ 3 | 9°16 | F 28 |
| S 29 | 12 26 38 | 8°14'33 | 19°20 | 8°39 | 5°45 | 21°28 | 11° 5 | 26°31 | 13°27 | 16°52 | 7°36 | 17° 6 | 15°37 | 0°10 | 9°19 | S 29 |
| S 30 | 12 30 34 | 9°14'37 | 4 ≏ 19 | 7°38 | 7° 0 | 21° 8 | 11°15 | 26°28 | 13°24 | 16°53 | 7°35 | 17° 0 | 15°34 | 0°16 | 9°21 | S 30 |
| M31 | 12 34 31 | 10 Y 14'40 | 19 ≏ 12 | 6 Ƴ 37 | 8 Y 15 | 20 m /48 | 11≈25 | 26 Ω 25 | 13 ≏ 22 | 16≈55 | 7 . ₹34 | 16≈52 | 15≈31 | 0 ∺ 23 | 9∏24 | M31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)ұ(| ¥ | Р | v | Ω | Ç | ę, | Day |
|------|----------|-------------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------|----------------|----------------|-------|---------------|---------------|------|
| T 1 | 12 38 27 | 11 ° 14'41 | 3 M .49 | 5°R37 | 9 Υ 30 | 20°R28 | 11≈35 | 26°R22 | 13°R19 | 16≈57 | 7°R34 | 16°R44 | 15≈27 | 0 ∺ 30 | 9 Ⅱ 27 | T 1 |
| W 2 | 12 42 24 | 12°14'41 | 18° 3 | 4 Υ40 | 10°45 | 20 m 10 | 11°45 | 26№20 | 13 ≏ 17 | 16°58 | 7 . ₹33 | 16≈35 | 15°24 | 0°36 | 9°29 | W 2 |
| T 3 | 12 46 20 | 13°14'39 | 1 才 50 | 3°46 | 12° 0 | 19°51 | 11°55 | 26°17 | 13°14 | 16°59 | 7°32 | 16°27 | 15°21 | 0°43 | 9°32 | T 3 |
| F 4 | 12 50 17 | 14°14'36 | 15° 8 | 2°58 | 13°15 | 19°34 | 12° 5 | 26°15 | 13°11 | 17° 1 | 7°31 | 16°21 | 15°18 | 0°50 | 9°35 | F 4 |
| S 5 | 12 54 14 | 15°14'31 | 28° 0 | 2°14 | 14°29 | 19°17 | 12°14 | 26°12 | 13° 9 | 17° 2 | 7°30 | 16°17 | 15°15 | 0°56 | 9°38 | S 5 |
| S 6 | 12 58 10 | 16°14'24 | 10る29 | 1°36 | 15°44 | 19° 1 | 12°24 | 26°10 | 13° 6 | 17° 4 | 7°30 | 16°15 | 15°12 | 1° 3 | 9°40 | S 6 |
| M 7 | 13 2 7 | 17°14'16 | 22°39 | 1° 5 | 16°59 | 18°45 | 12°33 | 26° 8 | 13° 4 | 17° 5 | 7°29 | 16°D15 | 15° 8 | 1°10 | 9°43 | M 7 |
| T 8 | 13 6 3 | 18°14'06 | 4≈36 | 0°39 | 18°14 | 18°30 | 12°43 | 26° 6 | 13° 1 | 17° 6 | 7°28 | 16°16 | 15° 5 | 1°16 | 9°46 | T 8 |
| W 9 | 13 10 0 | 19°13'55 | 16°24 | 0°20 | 19°29 | 18°16 | 12°52 | 26° 4 | 12°58 | 17° 8 | 7°27 | 16°R17 | 15° 2 | 1°23 | 9°49 | W 9 |
| T 10 | 13 13 56 | 20°13'41 | 28°10 | 0° 8 | 20°44 | 18° 3 | 13° 1 | 26° 2 | 12°56 | 17° 9 | 7°26 | 16°16 | 14°59 | 1°30 | 9°52 | T 10 |
| F 11 | 13 17 53 | 21°13'26 | 9 米 59 | 0° 2 | 21°59 | 17°50 | 13°10 | 26° 0 | 12°53 | 17°10 | 7°25 | 16°13 | 14°56 | 1°36 | 9°55 | F 11 |
| S 12 | 13 21 49 | 22°13'10 | 21°53 | 0°D 2 | 23°13 | 17°39 | 13°18 | 25°58 | 12°51 | 17°11 | 7°24 | 16° 7 | 14°52 | 1°43 | 9°58 | S 12 |
| S 13 | 13 25 46 | 23°12'51 | 3 ℃ 55 | 0° 7 | 24°28 | 17°28 | 13°27 | 25°57 | 12°48 | 17°13 | 7°23 | 15°59 | 14°49 | 1°50 | 10° 2 | S 13 |
| M14 | 13 29 43 | 24°12'31 | 16° 9 | 0°19 | 25°43 | 17°17 | 13°36 | 25°55 | 12°45 | 17°14 | 7°22 | 15°49 | 14°46 | 1°56 | 10° 5 | M14 |
| T 15 | 13 33 39 | 25°12'09 | 28°35 | 0°35 | 26°58 | 17° 8 | 13°44 | 25°54 | 12°43 | 17°15 | 7°21 | 15°36 | 14°43 | 2° 3 | 10° 8 | T 15 |
| W16 | 13 37 36 | 26°11'45 | 11814 | 0°57 | 28°12 | 16°59 | 13°52 | 25°53 | 12°40 | 17°16 | 7°19 | 15°24 | 14°40 | 2°10 | 10°11 | W16 |
| T 17 | 13 41 32 | 27°11'19 | 24° 5 | 1°24 | 29°27 | 16°51 | 14° 1 | 25°51 | 12°38 | 17°17 | 7°18 | 15°11 | 14°37 | 2°16 | 10°15 | T 17 |
| F 18 | 13 45 29 | 28°10'51 | 7 I 7 | 1°55 | 0 8 42 | 16°44 | 14° 9 | 25°50 | 12°35 | 17°18 | 7°17 | 15° 1 | 14°33 | 2°23 | 10°18 | F 18 |
| S 19 | 13 49 25 | 29°10'21 | 20°21 | 2°30 | 1°56 | 16°38 | 14°17 | 25°50 | 12°33 | 17°19 | 7°16 | 14°53 | 14°30 | 2°29 | 10°21 | S 19 |
| S 20 | 13 53 22 | 0 8 9'48 | 39547 | 3°10 | 3°11 | 16°32 | 14°24 | 25°49 | 12°30 | 17°20 | 7°15 | 14°48 | 14°27 | 2°36 | 10°25 | S 20 |
| M21 | 13 57 18 | 1° 9'14 | 17°24 | 3°53 | 4°26 | 16°28 | 14°32 | 25°48 | 12°28 | 17°21 | 7°13 | 14°45 | 14°24 | 2°43 | 10°28 | M21 |
| T 22 | 14 1 15 | 2° 8'37 | 1 \O 13 | 4°40 | 5°40 | 16°24 | 14°39 | 25°47 | 12°25 | 17°22 | 7°12 | 14°D45 | 14°21 | 2°49 | 10°32 | T 22 |
| W23 | 14 5 12 | 3° 7'58 | 15°15 | 5°30 | 6°55 | 16°20 | 14°47 | 25°47 | 12°23 | 17°23 | 7°11 | 14°R45 | 14°18 | 2°56 | 10°35 | W23 |
| T 24 | 14 9 8 | 4° 7'17 | 29°30 | 6°23 | 8° 9 | 16°18 | 14°54 | 25°47 | 12°21 | 17°24 | 7°10 | 14°44 | 14°14 | 3° 3 | 10°39 | T 24 |
| F 25 | 14 13 5 | 5° 6'33 | 13 m 55 | 7°20 | 9°24 | 16°16 | 15° 1 | 25°46 | 12°18 | 17°25 | 7° 8 | 14°42 | 14°11 | 3° 9 | 10°43 | F 25 |
| S 26 | 14 17 1 | 6° 5'47 | 28°28 | 8°19 | 10°39 | 16°15 | 15° 8 | 25°46 | 12°16 | 17°25 | 7° 7 | 14°37 | 14° 8 | 3°16 | 10°46 | S 26 |
| S 27 | 14 20 58 | 7° 4'59 | 13 ♀ 4 | 9°21 | 11°53 | 16°D15 | 15°15 | 25°D46 | 12°14 | 17°26 | 7° 5 | 14°29 | 14° 5 | 3°23 | 10°50 | S 27 |
| M28 | 14 24 54 | 8° 4'08 | 27°36 | 10°25 | 13° 7 | 16°16 | 15°21 | 25°46 | 12°11 | 17°27 | 7° 4 | 14°19 | 14° 2 | 3°29 | 10°54 | M28 |
| T 29 | 14 28 51 | 9° 3'16 | 11 M 57 | 11°32 | 14°22 | 16°17 | 15°28 | 25°46 | 12° 9 | 17°28 | 7° 3 | 14° 7 | 13°58 | 3°36 | 10°57 | T 29 |
| W30 | 14 32 47 | 108 2'22 | 26M 2 | 12 Y 42 | 15 8 36 | 16 M p19 | 15 ≈ 34 | 25 Ω 47 | 12 ♀ 7 | 17≈28 | 7 ₹ 1 | 13 ≈ 55 | 13≈55 | 3 ∺ 43 | 11 I 1 | W30 |

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|------|----------|-------------------|-----------------|----------------|----------------|----------------|-------|----------------|----------------|--------|---------------|--------|-------|----------------|----------------|------|
| T 1 | 14 36 44 | 118 1'26 | 9 ,₹ 44 | 13 Y 53 | 16851 | 16 m 22 | 15≈40 | 25 Ω 47 | 12°R 5 | 17≈29 | 7°R 0 | 13°R44 | 13≈52 | 3){ 49 | 11 I 5 | T 1 |
| F 2 | 14 40 41 | 12° 0'29 | 23° 1 | 15° 7 | 18° 5 | 16°25 | 15°46 | 25°47 | 12 ♀ 3 | 17°29 | 6 ₹ 58 | 13≈35 | 13°49 | 3°56 | 11° 9 | F 2 |
| S 3 | 14 44 37 | 12°59'29 | 5 る 54 | 16°23 | 19°20 | 16°29 | 15°52 | 25°48 | 12° 0 | 17°30 | 6°57 | 13°28 | 13°46 | 4° 3 | 11°12 | S 3 |
| S 4 | 14 48 34 | 13°58'28 | 18°25 | 17°41 | 20°34 | 16°34 | 15°57 | 25°49 | 11°58 | 17°31 | 6°55 | 13°25 | 13°43 | 4° 9 | 11°16 | S 4 |
| M 5 | 14 52 30 | 14°57'25 | 0≈38 | 19° 1 | 21°48 | 16°39 | 16° 3 | 25°50 | 11°56 | 17°31 | 6°54 | 13°23 | 13°39 | 4°16 | 11°20 | M 5 |
| T 6 | 14 56 27 | 15°56'20 | 12°36 | 20°23 | 23° 3 | 16°45 | 16° 8 | 25°51 | 11°54 | 17°32 | 6°52 | 13°23 | 13°36 | 4°23 | 11°24 | T 6 |
| W 7 | 15 0 23 | 16°55'14 | 24°27 | 21°46 | 24°17 | 16°52 | 16°14 | 25°52 | 11°52 | 17°32 | 6°51 | 13°23 | 13°33 | 4°29 | 11°28 | W 7 |
| T 8 | 15 4 20 | 17°54'06 | 6 ∺ 15 | 23°12 | 25°31 | 16°59 | 16°19 | 25°53 | 11°50 | 17°32 | 6°49 | 13°22 | 13°30 | 4°36 | 11°32 | T 8 |
| F 9 | 15 8 16 | 18°52'56 | 18° 5 | 24°39 | 26°45 | 17° 7 | 16°23 | 25°54 | 11°48 | 17°33 | 6°48 | 13°19 | 13°27 | 4°43 | 11°36 | F 9 |
| S 10 | 15 12 13 | 19°51'45 | 0 Υ 3 | 26° 8 | 28° 0 | 17°15 | 16°28 | 25°55 | 11°46 | 17°33 | 6°46 | 13°13 | 13°24 | 4°49 | 11°40 | S 10 |
| S 11 | 15 16 10 | 20°50'32 | 12°13 | 27°39 | 29°14 | 17°25 | 16°33 | 25°57 | 11°44 | 17°33 | 6°44 | 13° 5 | 13°20 | 4°56 | 11°44 | S 11 |
| M12 | 15 20 6 | 21°49'17 | 24°37 | 29°12 | 0Д28 | 17°34 | 16°37 | 25°58 | 11°43 | 17°34 | 6°43 | 12°55 | 13°17 | 5° 2 | 11°48 | M12 |
| T 13 | 15 24 3 | 22°48'00 | 7 8 17 | 0 8 46 | 1°42 | 17°44 | 16°41 | 26° 0 | 11°41 | 17°34 | 6°41 | 12°43 | 13°14 | 5° 9 | 11°52 | T 13 |
| W14 | 15 27 59 | 23°46'42 | 20°13 | 2°22 | 2°56 | 17°55 | 16°45 | 26° 2 | 11°39 | 17°34 | 6°40 | 12°30 | 13°11 | 5°16 | 11°56 | W14 |
| T 15 | 15 31 56 | 24°45'22 | 3Ⅱ25 | 3°59 | 4°11 | 18° 7 | 16°49 | 26° 4 | 11°37 | 17°34 | 6°38 | 12°17 | 13° 8 | 5°22 | 12° 0 | T 15 |
| F 16 | 15 35 52 | 25°44'00 | 16°50 | 5°39 | 5°25 | 18°19 | 16°53 | 26° 6 | 11°36 | 17°34 | 6°36 | 12° 6 | 13° 4 | 5°29 | 12° 4 | F 16 |
| S 17 | 15 39 49 | 26°42'36 | 0927 | 7°20 | 6°39 | 18°31 | 16°56 | 26° 8 | 11°34 | 17°34 | 6°35 | 11°58 | 13° 1 | 5°36 | 12° 9 | S 17 |
| S 18 | 15 43 45 | 27°41'10 | 14°13 | 9° 2 | 7°53 | 18°44 | 16°59 | 26°10 | 11°33 | 17°35 | 6°33 | 11°53 | 12°58 | 5°42 | 12°13 | S 18 |
| M19 | 15 47 42 | 28°39'42 | 28° 7 | 10°47 | 9° 7 | 18°58 | 17° 2 | 26°13 | 11°31 | 17°35 | 6°31 | 11°50 | 12°55 | 5°49 | 12°17 | M19 |
| T 20 | 15 51 39 | 29°38'12 | 12Ω 5 | 12°33 | 10°21 | 19°12 | 17° 5 | 26°15 | 11°30 | 17°R35 | 6°30 | 11°D50 | 12°52 | 5°56 | 12°21 | T 20 |
| W21 | 15 55 35 | 0耳36'40 | 26° 9 | 14°21 | 11°35 | 19°26 | 17° 8 | 26°17 | 11°28 | 17°35 | 6°28 | 11°R50 | 12°49 | 6° 2 | 12°25 | W21 |
| T 22 | 15 59 32 | 1°35'06 | 10 M p16 | 16°10 | 12°49 | 19°41 | 17°11 | 26°20 | 11°27 | 17°34 | 6°26 | 11°50 | 12°45 | 6° 9 | 12°29 | T 22 |
| F 23 | 16 3 28 | 2°33'29 | 24°27 | 18° 2 | 14° 3 | 19°56 | 17°13 | 26°23 | 11°25 | 17°34 | 6°25 | 11°48 | 12°42 | 6°16 | 12°34 | F 23 |
| S 24 | 16 7 25 | 3°31'51 | 8 ₾ 39 | 19°55 | 15°17 | 20°12 | 17°15 | 26°26 | 11°24 | 17°34 | 6°23 | 11°44 | 12°39 | 6°22 | 12°38 | S 24 |
| S 25 | 16 11 21 | 4°30'10 | 22°49 | 21°50 | 16°31 | 20°29 | 17°17 | 26°29 | 11°23 | 17°34 | 6°21 | 11°37 | 12°36 | 6°29 | 12°42 | S 25 |
| M26 | 16 15 18 | 5°28'28 | 6 M 54 | 23°46 | 17°45 | 20°45 | 17°19 | 26°32 | 11°22 | 17°34 | 6°20 | 11°28 | 12°33 | 6°36 | 12°46 | M26 |
| T 27 | 16 19 14 | 6°26'43 | 20°50 | 25°44 | 18°59 | 21° 3 | 17°21 | 26°35 | 11°20 | 17°34 | 6°18 | 11°18 | 12°30 | 6°42 | 12°50 | T 27 |
| W28 | 16 23 11 | 7°24'58 | 4 ₹ 32 | 27°44 | 20°12 | 21°20 | 17°22 | 26°38 | 11°19 | 17°33 | 6°16 | 11° 8 | 12°26 | 6°49 | 12°55 | W28 |
| T 29 | 16 27 8 | 8°23'10 | 17°57 | 29°46 | 21°26 | 21°38 | 17°23 | 26°41 | 11°18 | 17°33 | 6°14 | 10°58 | 12°23 | 6°56 | 12°59 | T 29 |
| F 30 | 16 31 4 | 9°21'21 | 1る3 | 1 Ⅱ 49 | 22°40 | 21°57 | 17°24 | 26°45 | 11°17 | 17°33 | 6°13 | 10°50 | 12°20 | 7° 2 | 13° 3 | F 30 |
| S 31 | 16 35 1 | 10 Ⅱ 19'30 | 13 る 49 | 3 Ⅱ 54 | 23 Ⅱ 54 | 22 Mp 15 | 17≈25 | 26 Ω 48 | 11 ≏ 16 | 17≈32 | 6 ₹ 11 | 10≈44 | 12≈17 | 7 ∺ 9 | 13 II 7 | S 31 |

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|------|----------|--------------------|----------------|--------------|---------------|----------------|--------|----------------|----------------|---------|---------------|--------|-------|----------------|----------------|------|
| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)f(| ¥ | Р | u | Ω | Ç | Š | Day |
| S 1 | 16 38 57 | 11 II 17'38 | 26 궁 16 | 6 I 0 | 25 I 8 | 22 m 35 | 17≈26 | $26\Omega52$ | 11°R15 | 17°R32 | 6°R 9 | 10°R41 | 12≈14 | 7 ∺ 16 | 13 Ⅱ 12 | S 1 |
| M 2 | 16 42 54 | 12°15'44 | 8≈27 | 8° 7 | 26°21 | 22°54 | 17°26 | 26°55 | 11 ≏ 15 | 17≈32 | 6 ₹ 8 | 10°D40 | 12°10 | 7°22 | 13°16 | M 2 |
| T 3 | 16 46 50 | 13°13'49 | 20°27 | 10°16 | 27°35 | 23°14 | 17°27 | 26°59 | 11°14 | 17°31 | 6° 6 | 10≈40 | 12° 7 | 7°29 | 13°20 | T 3 |
| W 4 | 16 50 47 | 14°11'53 | 2 米 18 | 12°25 | 28°49 | 23°35 | 17°R27 | 27° 3 | 11°13 | 17°31 | 6° 4 | 10°41 | 12° 4 | 7°36 | 13°25 | W 4 |
| T 5 | 16 54 43 | 15° 9'55 | 14° 8 | 14°36 | 095 2 | 23°55 | 17°27 | 27° 7 | 11°12 | 17°30 | 6° 3 | 10°R42 | 12° 1 | 7°42 | 13°29 | T 5 |
| F 6 | 16 58 40 | 16° 7'56 | 26° 0 | 16°46 | 1°16 | 24°16 | 17°27 | 27°11 | 11°12 | 17°30 | 6° 1 | 10°41 | 11°58 | 7°49 | 13°33 | F 6 |
| S 7 | 17 2 37 | 17° 5'56 | 8 Υ 0 | 18°58 | 2°30 | 24°38 | 17°26 | 27°15 | 11°11 | 17°29 | 5°59 | 10°39 | 11°55 | 7°56 | 13°37 | S 7 |
| S 8 | 17 633 | 18° 3'54 | 20°13 | 21° 9 | 3°43 | 24°59 | 17°26 | 27°19 | 11°10 | 17°29 | 5°58 | 10°34 | 11°51 | 8° 2 | 13°42 | S 8 |
| M 9 | 17 10 30 | 19° 1'52 | 2 8 42 | 23°20 | 4°57 | 25°21 | 17°25 | 27°23 | 11°10 | 17°28 | 5°56 | 10°28 | 11°48 | 8° 9 | 13°46 | M 9 |
| T 10 | 17 14 26 | 19°59'48 | 15°31 | 25°31 | 6°11 | 25°44 | 17°24 | 27°28 | 11° 9 | 17°27 | 5°55 | 10°20 | 11°45 | 8°16 | 13°50 | T 10 |
| W11 | 17 18 23 | 20°57'43 | 28°40 | 27°40 | 7°24 | 26° 6 | 17°23 | 27°32 | 11° 9 | 17°27 | 5°53 | 10°12 | 11°42 | 8°22 | 13°54 | W11 |
| T 12 | 17 22 19 | 21°55'37 | 12耳10 | 29°49 | 8°38 | 26°29 | 17°21 | 27°37 | 11° 9 | 17°26 | 5°51 | 10° 4 | 11°39 | 8°29 | 13°59 | T 12 |
| F 13 | 17 26 16 | 22°53'29 | 25°57 | 1957 | 9°51 | 26°52 | 17°20 | 27°41 | 11°8 | 17°25 | 5°50 | 9°57 | 11°36 | 8°36 | 14° 3 | F 13 |
| S 14 | 17 30 12 | 23°51'20 | 9958 | 4° 2 | 11° 5 | 27°16 | 17°18 | 27°46 | 11°8 | 17°24 | 5°48 | 9°51 | 11°32 | 8°42 | 14° 7 | S 14 |
| S 15 | 17 34 9 | 24°49'10 | 24°10 | 6° 6 | 12°18 | 27°40 | 17°16 | 27°51 | 11° 8 | 17°24 | 5°47 | 9°48 | 11°29 | 8°49 | 14°11 | S 15 |
| M16 | 17 38 6 | 25°46'58 | 8Ω 27 | 8° 9 | 13°32 | 28° 4 | 17°14 | 27°56 | 11° 8 | 17°23 | 5°45 | 9°D47 | 11°26 | 8°56 | 14°15 | M16 |
| T 17 | 17 42 2 | 26°44'44 | 22°46 | 10°8 | 14°45 | 28°28 | 17°11 | 28° 1 | 11°8 | 17°22 | 5°43 | 9°48 | 11°23 | 9° 2 | 14°20 | T 17 |
| W18 | 17 45 59 | 27°42'29 | 7Mp 4 | 12° 6 | 15°59 | 28°53 | 17° 9 | 28° 6 | 11°D 8 | 17°21 | 5°42 | 9°49 | 11°20 | 9° 9 | 14°24 | W18 |
| T 19 | 17 49 55 | 28°40'13 | 21°17 | 14° 1 | 17°12 | 29°18 | 17° 6 | 28°11 | 11°8 | 17°20 | 5°40 | 9°50 | 11°16 | 9°16 | 14°28 | T 19 |
| F 20 | 17 53 52 | 29°37'55 | 5 ≏ 24 | 15°53 | 18°25 | 29°43 | 17° 3 | 28°16 | 11°8 | 17°19 | 5°39 | 9°R50 | 11°13 | 9°22 | 14°32 | F 20 |
| S 21 | 17 57 48 | 0935'35 | 19°24 | 17°43 | 19°39 | 0 ⊽ 9 | 17° 0 | 28°21 | 11° 8 | 17°18 | 5°37 | 9°49 | 11°10 | 9°29 | 14°36 | S 21 |
| S 22 | 18 1 45 | 1°33'14 | 3 M .16 | 19°30 | 20°52 | 0°35 | 16°57 | 28°26 | 11° 8 | 17°17 | 5°36 | 9°46 | 11° 7 | 9°36 | 14°41 | S 22 |
| M23 | 18 5 42 | 2°30'52 | 16°57 | 21°15 | 22° 5 | 1° 1 | 16°54 | 28°32 | 11°8 | 17°16 | 5°34 | 9°41 | 11° 4 | 9°42 | 14°45 | M23 |
| T 24 | 18 9 38 | 3°28'28 | 0 ₹ 26 | 22°56 | 23°19 | 1°27 | 16°50 | 28°37 | 11° 9 | 17°15 | 5°33 | 9°35 | 11° 1 | 9°49 | 14°49 | T 24 |
| W25 | 18 13 35 | 4°26'04 | 13°43 | 24°35 | 24°32 | 1°53 | 16°46 | 28°43 | 11° 9 | 17°14 | 5°32 | 9°30 | 10°57 | 9°56 | 14°53 | W25 |
| T 26 | 18 17 31 | 5°23'38 | 26°45 | 26°10 | 25°45 | 2°20 | 16°42 | 28°48 | 11° 9 | 17°13 | 5°30 | 9°24 | 10°54 | 10° 2 | 14°57 | T 26 |
| F 27 | 18 21 28 | 6°21'11 | 9 ට 32 | 27°43 | 26°58 | 2°47 | 16°38 | 28°54 | 11°10 | 17°12 | 5°29 | 9°20 | 10°51 | 10° 9 | 15° 1 | F 27 |
| S 28 | 18 25 24 | 7°18'43 | 22° 4 | 29°13 | 28°11 | 3°14 | 16°34 | 29° 0 | 11°10 | 17°11 | 5°27 | 9°17 | 10°48 | 10°16 | 15° 5 | S 28 |
| S 29 | 18 29 21 | 8°16'14 | 4≈22 | $0\Omega40$ | 29°24 | 3°41 | 16°30 | 29° 5 | 11°11 | 17°10 | 5°26 | 9°D16 | 10°45 | 10°22 | 15° 9 | S 29 |
| M30 | 18 33 17 | 99513'44 | 16≈29 | 2 N 4 | 0 Ω 38 | 4 ₽ 9 | 16≈25 | 29 Ω 11 | 11 ≏ 11 | 17≈ 8 | 5 ₹ 25 | 9≈16 | 10≈42 | 10 ∺ 29 | 15 Ⅱ 13 | M30 |

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| T 1 | 18 37 14 | 109511'13 | 28 ≈ 25 | 3 Ω 24 | 1 Q 51 | 4 ₾ 37 | 16°R20 | 29 Ω 17 | 11 ≏ 12 | 17°R 7 | 5°R23 | 9≈17 | 10≈38 | 10) €36 | 15 Ⅱ 17 | T 1 |
| W 2 | 18 41 11 | 11° 8'42 | 10) (17 | 4°42 | 3° 4 | 5° 5 | 16≈16 | 29°23 | 11°13 | 17≈ 6 | 5 ₹ 22 | 9°19 | 10°35 | 10°42 | 15°21 | W 2 |
| T 3 | 18 45 7 | 12° 6'10 | 22° 6 | 5°57 | 4°17 | 5°33 | 16°10 | 29°29 | 11°14 | 17° 5 | 5°21 | 9°21 | 10°32 | 10°49 | 15°25 | T 3 |
| F 4 | 18 49 4 | 13° 3'38 | 3 Ƴ 59 | 7° 8 | 5°30 | 6° 1 | 16° 5 | 29°35 | 11°14 | 17° 4 | 5°20 | 9°22 | 10°29 | 10°55 | 15°29 | F 4 |
| S 5 | 18 53 0 | 14° 1'04 | 15°59 | 8°16 | 6°43 | 6°30 | 16° 0 | 29°41 | 11°15 | 17° 2 | 5°18 | 9°R22 | 10°26 | 11° 2 | 15°33 | S 5 |
| S 6 | 18 56 57 | 14°58'31 | 28°12 | 9°21 | 7°56 | 6°59 | 15°54 | 29°48 | 11°16 | 17° 1 | 5°17 | 9°22 | 10°22 | 11° 9 | 15°37 | S 6 |
| M 7 | 19 0 53 | 15°55'57 | 10842 | 10°22 | 9° 9 | 7°28 | 15°49 | 29°54 | 11°17 | 17° 0 | 5°16 | 9°20 | 10°19 | 11°15 | 15°41 | M 7 |
| T 8 | 19 4 50 | 16°53'22 | 23°33 | 11°20 | 10°22 | 7°57 | 15°43 | ompo | 11°18 | 16°58 | 5°15 | 9°17 | 10°16 | 11°22 | 15°44 | T 8 |
| W 9 | 19 8 46 | 17°50'48 | 6∏47 | 12°15 | 11°35 | 8°26 | 15°37 | 0° 6 | 11°19 | 16°57 | 5°14 | 9°14 | 10°13 | 11°29 | 15°48 | W 9 |
| T 10 | 19 12 43 | 18°48'12 | 20°25 | 13° 6 | 12°47 | 8°56 | 15°31 | 0°13 | 11°20 | 16°56 | 5°13 | 9°11 | 10°10 | 11°35 | 15°52 | T 10 |
| F 11 | 19 16 40 | 19°45'37 | 4925 | 13°53 | 14° 0 | 9°26 | 15°25 | 0°19 | 11°22 | 16°54 | 5°12 | 9° 9 | 10° 7 | 11°42 | 15°56 | F 11 |
| S 12 | 19 20 36 | 20°43'01 | 18°46 | 14°36 | 15°13 | 9°56 | 15°19 | 0°26 | 11°23 | 16°53 | 5°11 | 9° 7 | 10° 3 | 11°49 | 15°59 | S 12 |
| S 13 | 19 24 33 | 21°40'24 | 3 Ω 20 | 15°15 | 16°26 | 10°26 | 15°12 | 0°32 | 11°24 | 16°51 | 5° 9 | 9°D 6 | 10° 0 | 11°55 | 16° 3 | S 13 |
| M14 | 19 28 29 | 22°37'46 | 18° 3 | 15°51 | 17°39 | 10°56 | 15° 6 | 0°39 | 11°26 | 16°50 | 5° 8 | 9° 6 | 9°57 | 12° 2 | 16° 7 | M14 |
| T 15 | 19 32 26 | 23°35'08 | 2 Mp 46 | 16°22 | 18°51 | 11°26 | 14°59 | 0°46 | 11°27 | 16°49 | 5° 8 | 9° 7 | 9°54 | 12° 9 | 16°10 | T 15 |
| W16 | 19 36 22 | 24°32'29 | 17°25 | 16°49 | 20° 4 | 11°57 | 14°53 | 0°52 | 11°28 | 16°47 | 5° 7 | 9°8 | 9°51 | 12°15 | 16°14 | W16 |
| T 17 | 19 40 19 | 25°29'49 | 1 ≏ 54 | 17°11 | 21°17 | 12°28 | 14°46 | 0°59 | 11°30 | 16°46 | 5° 6 | 9° 9 | 9°48 | 12°22 | 16°18 | T 17 |
| F 18 | 19 44 16 | 26°27'09 | 16°10 | 17°29 | 22°29 | 12°59 | 14°39 | 1° 6 | 11°31 | 16°44 | 5° 5 | 9°10 | 9°44 | 12°29 | 16°21 | F 18 |
| S 19 | 19 48 12 | 27°24'28 | 0 ™ 9 | 17°43 | 23°42 | 13°30 | 14°32 | 1°13 | 11°33 | 16°43 | 5° 4 | 9°R10 | 9°41 | 12°35 | 16°25 | S 19 |
| S 20 | 19 52 9 | 28°21'46 | 13°52 | 17°52 | 24°55 | 14° 1 | 14°25 | 1°20 | 11°35 | 16°41 | 5° 3 | 9°10 | 9°38 | 12°42 | 16°28 | S 20 |
| M21 | 19 56 5 | 29°19'04 | 27°17 | 17°R57 | 26° 7 | 14°33 | 14°18 | 1°27 | 11°36 | 16°40 | 5° 2 | 9° 9 | 9°35 | 12°49 | 16°31 | M21 |
| T 22 | 20 0 2 | $0\Omega 16'22$ | 10 × 27 | 17°56 | 27°20 | 15° 4 | 14°10 | 1°34 | 11°38 | 16°38 | 5° 1 | 9° 8 | 9°32 | 12°55 | 16°35 | T 22 |
| W23 | 20 3 58 | 1°13'38 | 23°22 | 17°52 | 28°32 | 15°36 | 14° 3 | 1°41 | 11°40 | 16°37 | 5° 1 | 9° 7 | 9°28 | 13° 2 | 16°38 | W23 |
| T 24 | 20 7 55 | 2°10'55 | 6 ට 2 | 17°42 | 29°45 | 16° 8 | 13°56 | 1°48 | 11°42 | 16°35 | 5° 0 | 9° 6 | 9°25 | 13° 9 | 16°42 | T 24 |
| F 25 | 20 11 51 | 3° 8'11 | 18°30 | 17°28 | 0 m ,57 | 16°40 | 13°48 | 1°55 | 11°43 | 16°33 | 4°59 | 9° 5 | 9°22 | 13°16 | 16°45 | F 25 |
| S 26 | 20 15 48 | 4° 5'27 | 0≈47 | 17°11 | 2° 9 | 17°12 | 13°41 | 2° 2 | 11°45 | 16°32 | 4°59 | 9° 5 | 9°19 | 13°22 | 16°48 | S 26 |
| S 27 | 20 19 45 | 5° 2'42 | 12°53 | 16°49 | 3°22 | 17°44 | 13°33 | 2° 9 | 11°47 | 16°30 | 4°58 | 9°D 5 | 9°16 | 13°29 | 16°51 | S 27 |
| M28 | 20 23 41 | 5°59'58 | 24°52 | 16°23 | 4°34 | 18°17 | 13°26 | 2°16 | 11°49 | 16°29 | 4°57 | 9° 5 | 9°13 | 13°36 | 16°54 | M28 |
| T 29 | 20 27 38 | 6°57'13 | 6) €45 | 15°54 | 5°46 | 18°49 | 13°18 | 2°23 | 11°51 | 16°27 | 4°57 | 9° 5 | 9° 9 | 13°42 | 16°58 | T 29 |
| W30 | 20 31 34 | 7°54'29 | 18°35 | 15°22 | 6°58 | 19°22 | 13°11 | 2°31 | 11°53 | 16°25 | 4°56 | 9° 5 | 9° 6 | 13°49 | 17° 1 | W30 |
| T 31 | 20 35 31 | 8 Ω 51'45 | 0 Υ 25 | 14 Ω 47 | 8 m)11 | 19 ≙ 55 | 13≈ 3 | 2 m /38 | 11 ≏ 56 | 16≈24 | 4 ₹ 756 | 9°R 5 | 9≈ 3 | 13 米 56 | 17 Ⅱ 4 | T 31 |

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|------|----------|------------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|----------------|---------------|--------------|------|----------------|----------------|------|
| F 1 | 20 39 27 | 9 Ω 49'01 | 12 Y 18 | 14°R11 | 9 m 23 | 20 <u>₽</u> 28 | 12°R55 | 2 Mp 45 | 11 ≏ 58 | 16°R22 | 4°R55 | 9°R 5 | 9≈ 0 | 14) 2 | 17耳 7 | F 1 |
| S 2 | 20 43 24 | 10°46'17 | 24°18 | 13 £ 33 | 10°35 | 21° 1 | 12 ≈ 48 | 2°53 | 12° 0 | 16 ≈ 21 | 4 ₹ 55 | 9 ≈ 5 | 8°57 | 14° 9 | 17°10 | S 2 |
| S 3 | 20 47 20 | 11°43'33 | 6 8 30 | 12°55 | 11°47 | 21°34 | 12°40 | 3° 0 | 12° 2 | 16°19 | 4°55 | 9°D 5 | 8°54 | 14°16 | 17°13 | S 3 |
| M 4 | 20 51 17 | 12°40'50 | 18°58 | 12°17 | 12°59 | 22° 8 | 12°32 | 3° 7 | 12° 5 | 16°17 | 4°54 | 9° 5 | 8°50 | 14°22 | 17°15 | M 4 |
| T 5 | 20 55 14 | 13°38'08 | 1 Ⅱ 45 | 11°39 | 14°11 | 22°41 | 12°24 | 3°15 | 12° 7 | 16°16 | 4°54 | 9° 5 | 8°47 | 14°29 | 17°18 | T 5 |
| W 6 | 20 59 10 | 14°35'26 | 14°56 | 11° 2 | 15°23 | 23°15 | 12°17 | 3°22 | 12° 9 | 16°14 | 4°54 | 9° 6 | 8°44 | 14°36 | 17°21 | W 6 |
| T 7 | 21 3 7 | 15°32'44 | 28°33 | 10°28 | 16°35 | 23°48 | 12° 9 | 3°30 | 12°12 | 16°13 | 4°53 | 9° 6 | 8°41 | 14°42 | 17°24 | T 7 |
| F 8 | 21 7 3 | 16°30'03 | 12936 | 9°55 | 17°47 | 24°22 | 12° 1 | 3°37 | 12°14 | 16°11 | 4°53 | 9° 7 | 8°38 | 14°49 | 17°26 | F 8 |
| S 9 | 21 11 0 | 17°27'22 | 27° 3 | 9°26 | 18°59 | 24°56 | 11°53 | 3°45 | 12°17 | 16° 9 | 4°53 | 9° 7 | 8°34 | 14°56 | 17°29 | S 9 |
| S 10 | 21 14 56 | 18°24'42 | 11 Ω 50 | 9° 1 | 20°10 | 25°31 | 11°46 | 3°52 | 12°19 | 16° 8 | 4°53 | 9°R 8 | 8°31 | 15° 2 | 17°32 | S 10 |
| M11 | 21 18 53 | 19°22'02 | 26°50 | 8°40 | 21°22 | 26° 5 | 11°38 | 4° 0 | 12°22 | 16° 6 | 4°53 | 9° 7 | 8°28 | 15° 9 | 17°34 | M11 |
| T 12 | 21 22 49 | 20°19'22 | 11 M 55 | 8°23 | 22°34 | 26°39 | 11°31 | 4° 7 | 12°25 | 16° 4 | 4°52 | 9° 6 | 8°25 | 15°16 | 17°37 | T 12 |
| W13 | 21 26 46 | 21°16'43 | 26°56 | 8°12 | 23°46 | 27°14 | 11°23 | 4°15 | 12°27 | 16° 3 | 4°52 | 9° 5 | 8°22 | 15°22 | 17°39 | W13 |
| T 14 | 21 30 43 | 22°14'03 | 11 ≏ 45 | 8° 5 | 24°57 | 27°48 | 11°16 | 4°22 | 12°30 | 16° 1 | 4°52 | 9° 4 | 8°19 | 15°29 | 17°42 | T 14 |
| F 15 | 21 34 39 | 23°11'24 | 26°15 | 8°D 4 | 26° 9 | 28°23 | 11° 8 | 4°30 | 12°33 | 16° 0 | 4°D52 | 9° 2 | 8°15 | 15°36 | 17°44 | F 15 |
| S 16 | 21 38 36 | 24° 8'45 | 10 M 22 | 8° 9 | 27°20 | 28°58 | 11° 1 | 4°38 | 12°35 | 15°58 | 4°52 | 9° 1 | 8°12 | 15°42 | 17°46 | S 16 |
| S 17 | 21 42 32 | 25° 6'07 | 24° 5 | 8°20 | 28°32 | 29°33 | 10°53 | 4°45 | 12°38 | 15°56 | 4°52 | 9°D 1 | 8° 9 | 15°49 | 17°48 | S 17 |
| M18 | 21 46 29 | 26° 3'28 | 7 . ₹26 | 8°36 | 29°43 | OM 8 | 10°46 | 4°53 | 12°41 | 15°55 | 4°53 | 9° 1 | 8° 6 | 15°56 | 17°51 | M18 |
| T 19 | 21 50 25 | 27° 0'50 | 20°25 | 8°59 | 0 ჲ 55 | 0°43 | 10°39 | 5° 1 | 12°44 | 15°53 | 4°53 | 9° 2 | 8° 3 | 16° 2 | 17°53 | T 19 |
| W20 | 21 54 22 | 27°58'13 | 3 ප 5 | 9°27 | 2° 6 | 1°19 | 10°32 | 5° 8 | 12°47 | 15°52 | 4°53 | 9° 3 | 8° 0 | 16° 9 | 17°55 | W20 |
| T 21 | 21 58 18 | 28°55'35 | 15°30 | 10° 2 | 3°17 | 1°54 | 10°25 | 5°16 | 12°50 | 15°50 | 4°53 | 9° 5 | 7°56 | 16°16 | 17°57 | T 21 |
| F 22 | 22 2 15 | 29°52'59 | 27°43 | 10°42 | 4°28 | 2°29 | 10°18 | 5°24 | 12°53 | 15°49 | 4°53 | 9° 6 | 7°53 | 16°22 | 17°59 | F 22 |
| S 23 | 22 6 12 | 0 m/ 50′22 | 9 ≈ 47 | 11°29 | 5°40 | 3° 5 | 10°11 | 5°31 | 12°56 | 15°47 | 4°54 | 9°R 6 | 7°50 | 16°29 | 18° 1 | S 23 |
| S 24 | 22 10 8 | 1°47'46 | 21°44 | 12°21 | 6°51 | 3°41 | 10° 4 | 5°39 | 12°59 | 15°45 | 4°54 | 9° 6 | 7°47 | 16°36 | 18° 3 | S 24 |
| M25 | 22 14 5 | 2°45'11 | 3 ∺ 36 | 13°19 | 8° 2 | 4°17 | 9°58 | 5°47 | 13° 2 | 15°44 | 4°54 | 9° 4 | 7°44 | 16°42 | 18° 5 | M25 |
| T 26 | 22 18 1 | 3°42'37 | 15°26 | 14°23 | 9°13 | 4°53 | 9°51 | 5°55 | 13° 5 | 15°42 | 4°55 | 9° 1 | 7°40 | 16°49 | 18° 6 | T 26 |
| W27 | 22 21 58 | 4°40'03 | 27°16 | 15°32 | 10°24 | 5°29 | 9°45 | 6° 2 | 13° 8 | 15°41 | 4°55 | 8°57 | 7°37 | 16°56 | 18° 8 | W27 |
| T 28 | 22 25 54 | 5°37'31 | 9 Υ 8 | 16°47 | 11°34 | 6° 5 | 9°39 | 6°10 | 13°11 | 15°39 | 4°55 | 8°53 | 7°34 | 17° 2 | 18°10 | T 28 |
| F 29 | 22 29 51 | 6°34'59 | 21° 3 | 18° 7 | 12°45 | 6°41 | 9°32 | 6°18 | 13°15 | 15°38 | 4°56 | 8°48 | 7°31 | 17° 9 | 18°11 | F 29 |
| S 30 | 22 33 47 | 7°32'29 | 3 8 6 | 19°32 | 13°56 | 7°17 | 9°26 | 6°25 | 13°18 | 15°36 | 4°56 | 8°44 | 7°28 | 17°16 | 18°13 | S 30 |
| S 31 | 22 37 44 | 8 m 29'59 | 15 8 19 | 210 2 | 15 ♀ 7 | 7 M 54 | 9≈21 | 6 m 33 | 13 ≏ 21 | 15≈35 | 4 ₹ 57 | 8≈41 | 7≈25 | 17 米 22 | 18 Ⅱ 14 | S 31 |

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|------|----------|------------------|----------------|-----------------|----------------|----------------|-------|----------------|----------------|--------|---------------|---------------|------|-----------------|-----------------|------|
| M 1 | 22 41 41 | 9 m 27'31 | 27 8 46 | 22 \O 36 | 16 ≙ 17 | 8 M .30 | 9°R15 | 6 m 41 | 13 ≏ 24 | 15°R33 | 4 ₹ 57 | 8°R39 | 7≈21 | 17) 29 | 18 I I16 | M 1 |
| T 2 | 22 45 37 | 10°25'04 | 10耳30 | 24°15 | 17°28 | 9° 7 | 9≈ 9 | 6°49 | 13°28 | 15≈32 | 4°58 | 8°D38 | 7°18 | 17°36 | 18°17 | T 2 |
| W 3 | 22 49 34 | 11°22'39 | 23°35 | 25°58 | 18°38 | 9°44 | 9° 4 | 6°56 | 13°31 | 15°31 | 4°59 | 8 ≈ 39 | 7°15 | 17°42 | 18°18 | W 3 |
| T 4 | 22 53 30 | 12°20'15 | 799 4 | 27°44 | 19°49 | 10°21 | 8°58 | 7° 4 | 13°34 | 15°29 | 4°59 | 8°40 | 7°12 | 17°49 | 18°19 | T 4 |
| F 5 | 22 57 27 | 13°17'52 | 21° 0 | 29°33 | 20°59 | 10°58 | 8°53 | 7°12 | 13°38 | 15°28 | 5° 0 | 8°42 | 7° 9 | 17°56 | 18°21 | F 5 |
| S 6 | 23 1 23 | 14°15'30 | 5 Ω 21 | 1 Mp 25 | 22°10 | 11°35 | 8°48 | 7°19 | 13°41 | 15°26 | 5° 1 | 8°R42 | 7° 5 | 18° 2 | 18°22 | S 6 |
| S 7 | 23 5 20 | 15°13'10 | 20° 7 | 3°20 | 23°20 | 12°12 | 8°43 | 7°27 | 13°44 | 15°25 | 5° 2 | 8°42 | 7° 2 | 18° 9 | 18°23 | S 7 |
| M 8 | 23 9 16 | 16°10'51 | 5 m 11 | 5°16 | 24°30 | 12°49 | 8°38 | 7°35 | 13°48 | 15°24 | 5° 2 | 8°40 | 6°59 | 18°16 | 18°24 | M 8 |
| T 9 | 23 13 13 | 17° 8'33 | 20°25 | 7°14 | 25°40 | 13°27 | 8°34 | 7°42 | 13°51 | 15°22 | 5° 3 | 8°36 | 6°56 | 18°22 | 18°25 | T 9 |
| W10 | 23 17 10 | 18° 6'16 | 5 Ω 39 | 9°14 | 26°50 | 14° 4 | 8°29 | 7°50 | 13°55 | 15°21 | 5° 4 | 8°31 | 6°53 | 18°29 | 18°26 | W10 |
| T 11 | 23 21 6 | 19° 4'01 | 20°42 | 11°14 | 28° 0 | 14°42 | 8°25 | 7°58 | 13°58 | 15°20 | 5° 5 | 8°25 | 6°50 | 18°36 | 18°26 | T 11 |
| F 12 | 23 25 3 | 20° 1'46 | 5M26 | 13°15 | 29°10 | 15°19 | 8°21 | 8° 5 | 14° 2 | 15°18 | 5° 6 | 8°19 | 6°46 | 18°43 | 18°27 | F 12 |
| S 13 | 23 28 59 | 20°59'33 | 19°45 | 15°16 | 0 M 20 | 15°57 | 8°17 | 8°13 | 14° 5 | 15°17 | 5° 7 | 8°14 | 6°43 | 18°49 | 18°28 | S 13 |
| S 14 | 23 32 56 | 21°57'20 | 3 ₹ 36 | 17°17 | 1°30 | 16°35 | 8°13 | 8°21 | 14° 9 | 15°16 | 5° 8 | 8°11 | 6°40 | 18°56 | 18°28 | S 14 |
| M15 | 23 36 52 | 22°55'09 | 16°58 | 19°18 | 2°40 | 17°13 | 8°10 | 8°28 | 14°12 | 15°15 | 5° 9 | 8° 9 | 6°37 | 19° 3 | 18°29 | M15 |
| T 16 | 23 40 49 | 23°52'58 | 29°55 | 21°18 | 3°49 | 17°51 | 8° 6 | 8°36 | 14°16 | 15°14 | 5°10 | 8°D 9 | 6°34 | 19° 9 | 18°29 | T 16 |
| W17 | 23 44 45 | 24°50'49 | 12 る 30 | 23°18 | 4°59 | 18°29 | 8° 3 | 8°43 | 14°20 | 15°12 | 5°11 | 8°10 | 6°31 | 19°16 | 18°30 | W17 |
| T 18 | 23 48 42 | 25°48'41 | 24°47 | 25°16 | 6° 8 | 19° 7 | 8° 0 | 8°51 | 14°23 | 15°11 | 5°12 | 8°12 | 6°27 | 19°23 | 18°30 | T 18 |
| F 19 | 23 52 39 | 26°46'34 | 6 ≈ 51 | 27°14 | 7°17 | 19°45 | 7°57 | 8°58 | 14°27 | 15°10 | 5°14 | 8°R13 | 6°24 | 19°29 | 18°31 | F 19 |
| S 20 | 23 56 35 | 27°44'28 | 18°47 | 29°11 | 8°27 | 20°24 | 7°54 | 9° 6 | 14°31 | 15° 9 | 5°15 | 8°12 | 6°21 | 19°36 | 18°31 | S 20 |
| S 21 | 0 0 32 | 28°42'23 | 0) €38 | 1 ♀ 7 | 9°36 | 21° 2 | 7°52 | 9°13 | 14°34 | 15° 8 | 5°16 | 8° 9 | 6°18 | 19°43 | 18°31 | S 21 |
| M22 | 0 4 28 | 29°40'20 | 12°27 | 3° 2 | 10°45 | 21°41 | 7°50 | 9°21 | 14°38 | 15° 7 | 5°17 | 8° 4 | 6°15 | 19°49 | 18°31 | M22 |
| T 23 | 0 8 25 | 0 ჲ 38'18 | 24°17 | 4°56 | 11°54 | 22°19 | 7°47 | 9°28 | 14°42 | 15° 6 | 5°18 | 7°57 | 6°11 | 19°56 | 18°R31 | T 23 |
| W24 | 0 12 21 | 1°36'17 | 6 Υ 10 | 6°48 | 13° 3 | 22°58 | 7°46 | 9°35 | 14°45 | 15° 5 | 5°20 | 7°48 | 6° 8 | 20° 3 | 18°31 | W24 |
| T 25 | 0 16 18 | 2°34'18 | 18° 7 | 8°39 | 14°12 | 23°37 | 7°44 | 9°43 | 14°49 | 15° 4 | 5°21 | 7°38 | 6° 5 | 20° 9 | 18°31 | T 25 |
| F 26 | 0 20 14 | 3°32'21 | 0810 | 10°29 | 15°20 | 24°16 | 7°42 | 9°50 | 14°53 | 15° 3 | 5°22 | 7°28 | 6° 2 | 20°16 | 18°31 | F 26 |
| S 27 | 0 24 11 | 4°30'26 | 12°20 | 12°18 | 16°29 | 24°55 | 7°41 | 9°57 | 14°56 | 15° 2 | 5°24 | 7°18 | 5°59 | 20°23 | 18°31 | S 27 |
| S 28 | 0 28 7 | 5°28'32 | 24°40 | 14° 5 | 17°37 | 25°34 | 7°40 | 10° 4 | 15° 0 | 15° 1 | 5°25 | 7°10 | 5°56 | 20°29 | 18°30 | S 28 |
| M29 | 0 32 4 | 6°26'40 | 7 ∐ 11 | 15°51 | 18°46 | 26°13 | 7°39 | 10°12 | 15° 4 | 15° 0 | 5°27 | 7° 3 | 5°52 | 20°36 | 18°30 | M29 |
| T 30 | 0 36 1 | 7 ≗ 24'50 | 19 Ⅱ 56 | 17 ≏ 36 | 19 M 54 | 26M52 | 7≈38 | 10 M 19 | 15 ♀ 8 | 14≈59 | 5 ₹ 28 | 7 ≈ 0 | 5≈49 | 20) (43 | 18 耳 30 | T 30 |

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|--------------|--------------------|-------------------------------|------------------------|------------------------|----------------|----------------|---------------|----------------|-----------------------|-------------------------|---------------|--------------|--------------|--------------------|----------------|--------------|
| W 1 | 0 39 57 | 8 ₾ 23'02 | 2958 | 19 ≏ 20 | 21 M 2 | 27 M 32 | 7°R37 | 10 m 26 | 15 ≏ 11 | 14°R59 | 5 ₹ 30 | 6°D58 | 5≈46 | 20) (49 | 18°R29 | W 1 |
| T 2 | 0 43 54 | 9°21'15 | 16°20 | 21° 3 | 22°10 | 28°11 | 7≈37 | 10°33 | 15°15 | 14≈58 | 5°31 | 6≈58 | 5°43 | 20°56 | 18Ⅱ29 | T 2 |
| F 3 | 0 47 50 | 10°19'31 | 0Ω 5 | 22°45 | 23°18 | 28°51 | 7°37 | 10°40 | 15°19 | 14°57 | 5°33 | 6°R59 | 5°40 | 21° 3 | 18°28 | F 3 |
| S 4 | 0 51 47 | 11°17'49 | 14°14 | 24°25 | 24°26 | 29°30 | 7°D37 | 10°47 | 15°23 | 14°56 | 5°34 | 6°59 | 5°37 | 21°10 | 18°27 | S 4 |
| S 5 | 0 55 43 | 12°16'08 | 28°47 | 26° 4 | 25°34 | 0 ₹ 10 | 7°37 | 10°54 | 15°27 | 14°56 | 5°36 | 6°57 | 5°33 | 21°16 | 18°27 | S 5 |
| M 6 | 0 59 40 | 13°14'30 | 13 m /40 | 27°42 | 26°41 | 0°50 | 7°37 | 11° 1 | 15°30 | 14°55 | 5°38 | 6°53 | 5°30 | 21°23 | 18°26 | M 6 |
| T 7 | 1 3 36 | 14°12'53 | 28°46 | 29°20 | 27°49 | 1°30 | 7°38 | 11° 8 | 15°34 | 14°54 | 5°39 | 6°46 | 5°27 | 21°30 | 18°25 | T 7 |
| W 8 | 1 7 33 | 15°11'19 | 13 ≏ 58 | 0 M .56 | 28°56 | 2°10 | 7°38 | 11°15 | 15°38 | 14°54 | 5°41 | 6°37 | 5°24 | 21°36 | 18°24 | W 8 |
| T 9 | 1 11 30 | 16° 9'46 | 29° 3 | 2°30 | 0 √ 4 | 2°50 | 7°39 | 11°22 | 15°42 | 14°53 | 5°43 | 6°27 | 5°21 | 21°43 | 18°23 | T 9 |
| F 10 | 1 15 26 | 17° 8'14 | 13 M .53 | 4° 4 | 1°11 | 3°30 | 7°40 | 11°29 | 15°45 | 14°53 | 5°45 | 6°17 | 5°17 | 21°50 | 18°22 | F 10 |
| S 11 | 1 19 23 | 18° 6'45 | 28°19 | 5°37 | 2°18 | 4°10 | 7°42 | 11°35 | 15°49 | 14°52 | 5°46 | 6° 8 | 5°14 | 21°56 | 18°21 | S 11 |
| S 12 | 1 23 19 | 19° 5'17 | 12 × 16 | 7° 9 | 3°25 | 4°50 | 7°43 | 11°42 | 15°53 | 14°52 | 5°48 | 6° 1 | 5°11 | 22° 3 | 18°20 | S 12 |
| M13 | 1 27 16 | 20° 3'51 | 2 <u>5</u> °44 | 8°40 | 4°31 | 5°31 | 7°45 | 11°49 | 15°57 | 14°51 | 5°50 | 5°56 | 5° 8 | 22°10 | 18°19 | M13 |
| T 14 | 1 31 12 | 21° 2'26 | 8 전 44 | 10° 9 | 5°38 | 6°11 | 7°47 | 11°55 | 16° 1 | 14°51 | 5°52 | 5°54 | 5° 5 | 22°16 | 18°18 | T 14 |
| W15 | 1 35 9 | 22° 1'03 | 21°20 | 11°38 | 6°44 | 6°52 | 7°49 | 12° 2 | 16° 4 | 14°50 | 5°54 | 5°D53 | 5° 2 | 22°23 | 18°16 | W15 |
| T 16 | 1 39 5 | 22°59'42 | 3≈36 | 13° 6 | 7°50 | 7°32 | 7°51 | 12° 8 | 16° 8 | 14°50 | 5°56 | 5°R53 | 4°58 | 22°30 | 18°15 | T 16 |
| F 17 S 18 | 1 43 2 1 46 59 | 23°58'22 | 15°38 27°31 | 14°32 15°58 | 8°57 10° 2 | 8°13 | 7°54 | 12°15 12°21 | 16°12 16°16 | 14°50 14°49 | 5°57 | 5°53 | 4°55 4°52 | 22°36 22°43 | 18°13 18°12 | F 17 S 18 |
| | | 24°57'03 | | | - | 8°54 | 7°56 | | | - | 5°59 | 5°51 | | | _ | |
| S 19 | 1 50 55 | 25°55'46 | 9 ∺ 20 | 17°22 | 11° 8 | 9°35 | 7°59 | 12°28 | 16°19 | 14°49 | 6° 1 | 5°47 | 4°49 | 22°50 | 18°10 | S 19 |
| M20 | 1 54 52 | 26°54'31 | 21° 9 | 18°45 | 12°14 | 10°16 | 8° 2 | 12°34 | 16°23 | 14°49 | 6° 3 | 5°40 | 4°46 | 22°56 | 18° 9 | M20 |
| T 21 | 1 58 48 | 27°53'18 | 3 Υ 2 | 20° 8 | 13°19 | 10°57 | 8° 5 | 12°40 | 16°27 | 14°49 | 6° 5 | 5°30 | 4°43 | 23° 3 | 18° 7 | T 21 |
| W22 T 23 | 2 2 45 2 6 41 | 28°52'06 29°50'56 | 15° 0 27° 6 | 21°28 22°48 | 14°24 15°29 | 11°38 12°19 | 8° 9 8°12 | 12°46 12°52 | 16°30 16°34 | 14°48 14°48 | 6° 7 6° 9 | 5°18 5° 5 | 4°39 4°36 | 23°10 23°17 | 18° 5 18° 4 | W22 T 23 |
| F 24 | 2 10 38 | 29°30'36 0 M .49'49 | 9 8 20 | 24° 7 | 16°34 | 12°19 13° 0 | 8°12 8°16 | 12°52 12°58 | 16°34 16°38 | 14°48 | 6°11 | 4°51 | 4°33 | 23°23 | 18° 4 18° 2 | F 24 |
| S 25 | 2 10 38 | 1°48'43 | 21°43 | 25°24 | 10°34 | 13°41 | 8°20 | 12 38 13° 4 | 16°42 | 14°48 | 6°13 | 4°38 | 4°30 | 23°30 | 18° 0 | S 25 |
| | | | | | | | | | | _ | | | | | | |
| S 26 | 2 18 31 | 2°47'39 | 4 Ⅱ 16 | 26°40 | 18°43 | 14°23 | 8°24 | 13°10 | 16°45 | 14°48 | 6°16 | 4°26 | 4°27 | 23°37 | 17°58 | S 26 |
| M27 | 2 22 27 | 3°46'38 | 16°59 | 27°54 | 19°47 | 15° 4 | 8°28 | 13°16 | 16°49 | 14°D48 | 6°18 | 4°17 | 4°23 | 23°43 | 17°56 | M27 |
| T 28 W29 | 2 26 24 2 30 21 | 4°45'38 5°44'41 | 29°54 13 © 2 | 29° 7 0 √ 18 | 20°51 21°55 | 15°46 16°27 | 8°33 8°37 | 13°22 13°28 | 16°53 16°56 | 14°48 14°48 | 6°20 6°22 | 4°12 4° 9 | 4°20 4°17 | 23°50 23°57 | 17°54 17°52 | T 28 W29 |
| T 30 | 2 30 21 2 34 17 | 6°43'46 | 26°25 | 1°27 | 21°53 22°58 | 16°27 | 8°42 | 13°28 13°33 | 10°36 | 14°48 | 6°24 | 4° 9 | 4°17 4°14 | 23°37 24° 3 | 17°52 17°50 | T 30 |
| F 31 | 2 34 17 | 7 M .42'53 | $10\Omega 4$ | 2×734 | 24×7 1 | 17 7 51 | 8 ≈ 47 | 13 m 39 | 17 0 17 Ω 3 | 14 48 14 ≈ 48 | 6×726 | 4 ° 8 | 4≈11 | 24 X 10 | 17 1 48 | F 31 |

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| S 1 | 2 42 10 | 8ML42'03 | 24 N 2 | 3 , 7⁴40 | 25 ×7 4 | 18 × 33 | 8≈52 | 13 m) 44 | 17 ♀ 7 | 14 ≈ 49 | 6 ₹ 28 | 4°R 7 | 4≈ 8 | 24) (17 | 17°R45 | S 1 |
| S 2 | 2 46 7 | 9°41'14 | 8 m)19 | 4°43 | 26° 7 | 19°15 | 8°57 | 13°50 | 17°11 | 14°49 | 6°31 | 4≈ 5 | 4° 4 | 24°23 | 17 Ⅱ 43 | S 2 |
| M 3 | 2 50 3 | 10°40'28 | 22°53 | 5°43 | 27°10 | 19°57 | 9° 3 | 13°55 | 17°14 | 14°49 | 6°33 | 4° 0 | 4° 1 | 24°30 | 17°41 | M 3 |
| T 4 | 2 54 0 | 11°39'44 | 7 ≙ 39 | 6°41 | 28°12 | 20°39 | 9° 8 | 14° 1 | 17°18 | 14°49 | 6°35 | 3°53 | 3°58 | 24°37 | 17°38 | T 4 |
| W 5 | 2 57 56 | 12°39'02 | 22°32 | 7°36 | 29°14 | 21°21 | 9°14 | 14° 6 | 17°21 | 14°50 | 6°37 | 3°43 | 3°55 | 24°44 | 17°36 | W 5 |
| T 6 | 3 1 53 | 13°38'23 | 7 m 23 | 8°28 | 0 궁 15 | 22° 3 | 9°20 | 14°11 | 17°25 | 14°50 | 6°40 | 3°32 | 3°52 | 24°50 | 17°33 | T 6 |
| F 7 | 3 5 50 | 14°37'45 | 22° 3 | 9°17 | 1°16 | 22°46 | 9°26 | 14°16 | 17°28 | 14°50 | 6°42 | 3°20 | 3°48 | 24°57 | 17°31 | F 7 |
| S 8 | 3 9 46 | 15°37'10 | 6 ₹ 24 | 10° 1 | 2°17 | 23°28 | 9°33 | 14°21 | 17°32 | 14°51 | 6°44 | 3°10 | 3°45 | 25° 4 | 17°28 | S 8 |
| S 9 | 3 13 43 | 16°36'36 | 20°21 | 10°41 | 3°18 | 24°11 | 9°39 | 14°26 | 17°35 | 14°51 | 6°46 | 3° 2 | 3°42 | 25°10 | 17°26 | S 9 |
| M10 | 3 17 39 | 17°36'04 | 3 る 50 | 11°17 | 4°18 | 24°53 | 9°46 | 14°31 | 17°39 | 14°52 | 6°49 | 2°56 | 3°39 | 25°17 | 17°23 | M10 |
| T 11 | 3 21 36 | 18°35'34 | 16°53 | 11°48 | 5°18 | 25°36 | 9°52 | 14°36 | 17°42 | 14°52 | 6°51 | 2°53 | 3°36 | 25°24 | 17°20 | T 11 |
| W12 | 3 25 32 | 19°35'05 | 29°32 | 12°13 | 6°18 | 26°18 | 9°59 | 14°40 | 17°45 | 14°53 | 6°53 | 2°D52 | 3°33 | 25°30 | 17°18 | W12 |
| T 13 | 3 29 29 | 20°34'38 | 11≈51 | 12°31 | 7°17 | 27° 1 | 10° 6 | 14°45 | 17°49 | 14°53 | 6°56 | 2°52 | 3°29 | 25°37 | 17°15 | T 13 |
| F 14 | 3 33 26 | 21°34'13 | 23°54 | 12°43 | 8°16 | 27°44 | 10°14 | 14°49 | 17°52 | 14°54 | 6°58 | 2°R52 | 3°26 | 25°44 | 17°12 | F 14 |
| S 15 | 3 37 22 | 22°33'49 | 5) €48 | 12°R48 | 9°14 | 28°27 | 10°21 | 14°54 | 17°55 | 14°54 | 7° 0 | 2°51 | 3°23 | 25°50 | 17° 9 | S 15 |
| S 16 | 3 41 19 | 23°33'27 | 17°38 | 12°45 | 10°12 | 29°10 | 10°29 | 14°58 | 17°59 | 14°55 | 7° 3 | 2°48 | 3°20 | 25°57 | 17° 7 | S 16 |
| M17 | 3 45 15 | 24°33'07 | 29°29 | 12°34 | 11° 9 | 29°53 | 10°36 | 15° 2 | 18° 2 | 14°56 | 7° 5 | 2°43 | 3°17 | 26° 4 | 17° 4 | M17 |
| T 18 | 3 49 12 | 25°32'48 | 11 Y 24 | 12°14 | 12° 6 | 0 궁 36 | 10°44 | 15° 7 | 18° 5 | 14°56 | 7° 8 | 2°35 | 3°14 | 26°11 | 17° 1 | T 18 |
| W19 | 3 53 8 | 26°32'31 | 23°28 | 11°45 | 13° 3 | 1°19 | 10°52 | 15°11 | 18° 8 | 14°57 | 7°10 | 2°25 | 3°10 | 26°17 | 16°58 | W19 |
| T 20 | 3 57 5 | 27°32'16 | 5 8 43 | 11° 6 | 13°59 | 2° 3 | 11° 0 | 15°15 | 18°11 | 14°58 | 7°12 | 2°13 | 3° 7 | 26°24 | 16°55 | T 20 |
| F 21 | 4 1 1 | 28°32'03 | 18° 9 | 10°19 | 14°54 | 2°46 | 11° 8 | 15°19 | 18°14 | 14°59 | 7°15 | 2° 1 | 3° 4 | 26°31 | 16°52 | F 21 |
| S 22 | 4 4 58 | 29°31'52 | 0 Ⅱ 49 | 9°23 | 15°49 | 3°29 | 11°17 | 15°22 | 18°17 | 15° 0 | 7°17 | 1°50 | 3° 1 | 26°37 | 16°49 | S 22 |
| S 23 | 4 8 54 | 0 ₮ 31'42 | 13°40 | 8°19 | 16°44 | 4°13 | 11°25 | 15°26 | 18°21 | 15° 1 | 7°20 | 1°40 | 2°58 | 26°44 | 16°46 | S 23 |
| M24 | 4 12 51 | 1°31'34 | 26°44 | 7° 9 | 17°37 | 4°56 | 11°34 | 15°30 | 18°24 | 15° 1 | 7°22 | 1°33 | 2°54 | 26°51 | 16°43 | M24 |
| T 25 | 4 16 48 | 2°31'29 | 9958 | 5°54 | 18°31 | 5°40 | 11°43 | 15°33 | 18°27 | 15° 2 | 7°24 | 1°28 | 2°51 | 26°57 | 16°40 | T 25 |
| W26 | 4 20 44 | 3°31'25 | 23°23 | 4°36 | 19°23 | 6°24 | 11°51 | 15°37 | 18°30 | 15° 3 | 7°27 | 1°26 | 2°48 | 27° 4 | 16°37 | W26 |
| T 27 | 4 24 41 | 4°31'24 | 6 Ω 58 | 3°18 | 20°15 | 7° 7 | 12° 0 | 15°40 | 18°32 | 15° 4 | 7°29 | 1°D26 | 2°45 | 27°11 | 16°34 | T 27 |
| F 28 | 4 28 37 | 5°31'24 | 20°44 | 2° 2 | 21° 6 | 7°51 | 12°10 | 15°43 | 18°35 | 15° 5 | 7°32 | 1°27 | 2°42 | 27°18 | 16°30 | F 28 |
| S 29 | 4 32 34 | 6°31'26 | 4 m)41 | 0°50 | 21°57 | 8°35 | 12°19 | 15°46 | 18°38 | 15° 6 | 7°34 | 1°R27 | 2°39 | 27°24 | 16°27 | S 29 |
| S 30 | 4 36 30 | 7 ∡ 731'31 | 18 M)48 | 29 TL 46 | 22 궁 46 | 9 る 19 | 12 ≈ 28 | 15 m /49 | 18 ≏ 41 | 15 ≈ 8 | 7 .₹ 36 | 1≈27 | 2≈35 | 27 ∺ 31 | 16 Ⅱ 24 | S 30 |

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|------------|--------------------|----------------------|-------------------------|-----------------|------------------------|----------------|----------------|-----------------|----------------|----------------|----------------|---------------|--------------|----------------|----------------|------------|
| M 1 | 4 40 27 | 8 × 31'38 | 3 <u>₽</u> 4 | 28°R50 | 23 궁 35 | 10ට 3 | 12 ≈ 38 | 15 M 52 | 18 ≏ 44 | 15≈ 9 | 7 .7 39 | 1°R24 | 2≈32 | 27) 38 | 16°R21 | M 1 |
| T 2 | 4 44 24 | 9°31'46 | 17°28 | 28M 4 | 24°23 | 10°47 | 12°47 | 15°55 | 18°47 | 15°10 | 7°41 | 1≈19 | 2°29 | 27°44 | 16 Ⅱ 18 | T 2 |
| W 3 | 4 48 20 | 10°31'57 | 1 M .54 | 27°29 | 25°11 | 11°31 | 12°57 | 15°58 | 18°49 | 15°11 | 7°44 | 1°13 | 2°26 | 27°51 | 16°14 | W 3 |
| T 4 | 4 52 17 | 11°32'09 | 16°19 | 27° 5 | 25°57 | 12°16 | 13° 7 | 16° 1 | 18°52 | 15°12 15°14 | 7°46 | 1° 5 | 2°23 | 27°58 28° 4 | 16°11 | T 4 |
| F 5 S 6 | 4 56 13 5 0 10 | 12°32'24 13°32'40 | 0 ∡ ³35 14°37 | 26°54 26°D53 | 26°43 27°27 | 13° 0 13°44 | 13°17 13°27 | 16° 3 16° 6 | 18°54 18°57 | 15°14 15°15 | 7°49 7°51 | 0°56 0°49 | 2°20 2°16 | 28° 4 28°11 | 16° 8 16° 5 | F 5 S 6 |
| | | | | | | | | | | | | | | _ | | |
| S 7 | 5 4 6 | 14°32'58 | 28°20 | 27° 4 | 28°11 | 14°29 | 13°37 | 16° 8 | 19° 0 | 15°16 | 7°53 | 0°43 | 2°13 | 28°18 | 16° 2 | S 7 |
| M 8 | 5 8 3 | 15°33'17 | 11 공 42 | 27°25 | 28°54 | 15°13 | 13°48 | 16°10 | 19° 2 | 15°17 | 7°56 | 0°39 | 2°10 | 28°25 | 15°58 | M 8 |
| T 9 W10 | 5 11 59 5 15 56 | 16°33'38 17°34'01 | 24°42 7 ≈ 20 | 27°55 28°34 | 29°35 0 ≈ 16 | 15°58 16°42 | 13°58 14° 9 | 16°12 16°14 | 19° 5 19° 7 | 15°19 15°20 | 7°58 8° 1 | 0°D37 0°37 | 2° 7 2° 4 | 28°31 28°38 | 15°55 15°52 | T 9 W10 |
| T 11 | 5 19 53 | 17 34 01 18°34'24 | 19°40 | 29°20 | 0≈10 0°55 | 10°42 17°27 | 14°19 | 16°16 | 19° 7 | 15°22 | 8° 3 | 0°38 | 2° 0 | 28°45 | 15°49 | T 11 |
| F 12 | 5 23 49 | 19°34'49 | 1) 4 46 | 0 , ₹12 | 1°33 | 18°12 | 14°30 | 16°18 | 19°12 | 15°23 | 8° 5 | 0°40 | 1°57 | 28°51 | 15°45 | F 12 |
| S 13 | 5 27 46 | 20°35'15 | 13°42 | 1°11 | 2°10 | 18°57 | 14°41 | 16°20 | 19°14 | 15°25 | 8° 8 | 0°41 | 1°54 | 28°58 | 15°42 | S 13 |
| S 14 | 5 31 42 | 21°35'42 | 25°33 | 2°15 | 2°45 | 19°41 | 14°52 | 16°21 | 19°16 | 15°26 | 8°10 | 0°R41 | 1°51 | 29° 5 | 15°39 | S 14 |
| M15 | 5 35 39 | 21°35'42 22°36'11 | 7 Υ 25 | 3°23 | 3°19 | 20°26 | 14 32 15° 3 | 16°23 | 19°18 | 15°28 | 8°13 | 0°40 | 1°48 | 29°11 | 15°36 | M15 |
| T 16 | 5 39 35 | 23°36'41 | 19°22 | 4°35 | 3°52 | 21°11 | 15°14 | 16°24 | 19°21 | 15°29 | 8°15 | 0°37 | 1°45 | 29°18 | 15°33 | T 16 |
| W17 | 5 43 32 | 24°37'12 | 1829 | 5°50 | 4°23 | 21°56 | 15°25 | 16°25 | 19°23 | 15°31 | 8°17 | 0°32 | 1°41 | 29°25 | 15°29 | W17 |
| T 18 | 5 47 28 | 25°37'44 | 13°49 | 7° 8 | 4°53 | 22°41 | 15°37 | 16°26 | 19°25 | 15°32 | 8°20 | 0°27 | 1°38 | 29°32 | 15°26 | T 18 |
| F 19 | 5 51 25 | 26°38'17 | 26°24 | 8°28 | 5°21 | 23°27 | 15°48 | 16°27 | 19°27 | 15°34 | 8°22 | 0°21 | 1°35 | 29°38 | 15°23 | F 19 |
| S 20 | 5 55 22 | 27°38'52 | 9 Ⅱ 17 | 9°51 | 5°47 | 24°12 | 16° 0 | 16°28 | 19°29 | 15°36 | 8°24 | 0°15 | 1°32 | 29°45 | 15°20 | S 20 |
| S 21 | 5 59 18 | 28°39'28 | 22°27 | 11°15 | 6°12 | 24°57 | 16°11 | 16°29 | 19°31 | 15°37 | 8°27 | 0°10 | 1°29 | 29°52 | 15°17 | S 21 |
| M22 | 6 3 15 | 29°40'05 | 5952 | 12°40 | 6°34 | 25°42 | 16°23 | 16°30 | 19°32 | 15°39 | 8°29 | 0° 6 | 1°26 | 29°58 | 15°14 | M22 |
| T 23 | 6 7 11 | 0 궁 40'44 | 19°32 | 14° 7 | 6°55 | 26°28 | 16°35 | 16°30 | 19°34 | 15°41 | 8°31 | 0° 4 | 1°22 | 0 Υ 5 | 15°11 | T 23 |
| W24 | 6 11 8 | 1°41'24 | 3 Ω 23 | 15°35 | 7°14 | 27°13 | 16°47 | 16°31 | 19°36 | 15°42 | 8°33 | 0°D 4 | 1°19 | 0°12 | 15° 8 | W24 |
| T 25 | 6 15 4 | 2°42'05 | 17°23 | 17° 3 | 7°31 | 27°58 | 16°59 | 16°31 | 19°38 | 15°44 | 8°36 | 0° 5 | 1°16 | 0°18 | 15° 5 | T 25 |
| F 26 | 6 19 1 | 3°42'47 | 1 m/29 | 18°33 | 7°46 | 28°44 | 17°11 | 16°31 | 19°39 | 15°46 | 8°38 | 0° 6 | 1°13 | 0°25 | 15° 2 | F 26 |
| S 27 | 6 22 58 | 4°43'31 | 15°38 | 20° 3 | 7°59 | 29°30 | 17°23 | 16°32 | 19°41 | 15°48 | 8°40 | 0° 8 | 1°10 | 0°32 | 14°59 | S 27 |
| S 28 | 6 26 54 | 5°44'17 | 29°49 | 21°33 | 8°10 | 0≈15 | 17°35 | 16°R32 | 19°42 | 15°50 | 8°42 | 0°R 9 | 1° 6 | 0°39 | 14°56 | S 28 |
| M29 | 6 30 51 | 6°45'03 | 13 ≏ 59 | 23° 4 | 8°18 | 1° 1 | 17°47 | 16°32 | 19°44 | 15°51 | 8°45 | 0° 9 | 1° 3 | 0°45 | 14°53 | M29 |
| T 30 | 6 34 47 | 7°45'51 | 28° 7 | 24°35 | 8°24 | 1°47 | 17°59 | 16°31 | 19°45 | 15°53 | 8°47 | 0° 7 | 1° 0 | 0°52 | 14°50 | T 30 |
| W31 | 6 38 44 | 8 궁 46'41 | 12 M 10 | 26 ⋠ 6 | 8≈28 | 2≈32 | 18≈12 | 16 M y31 | 19 ≏ 47 | 15≈55 | 8 才 49 | 0≈ 5 | 0≈57 | 0 Υ 59 | 14 ∏ 47 | W31 |

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| T 1 | 6 42 40 | 9 ප් 47'32 | 26M 6 | 27 ∡ 738 | 8°R29 | 3≈18 | 18≈24 | 16°R31 | 19 ≙ 48 | 15≈57 | 8 √ 51 | 0°R 2 | 0≈54 | 1 Υ 5 | 14°R44 | T 1 |
| F 2 | 6 46 37 | 10°48'24 | 9 ₹ 52 | 29°10 | 8≈29 | 4° 4 | 18°37 | 16 m 30 | 19°49 | 15°59 | 8°53 | 29る59 | 0°51 | 1°12 | 14∏41 | F 2 |
| S 3 | 6 50 33 | 11°49'18 | 23°27 | 0 る 42 | 8°25 | 4°50 | 18°50 | 16°29 | 19°51 | 16° 1 | 8°55 | 29°57 | 0°47 | 1°19 | 14°38 | S 3 |
| S 4 | 6 54 30 | 12°50'12 | 6 ප 47 | 2°15 | 8°19 | 5°36 | 19° 2 | 16°29 | 19°52 | 16° 3 | 8°58 | 29°55 | 0°44 | 1°25 | 14°36 | S 4 |
| M 5 | 6 58 27 | 13°51'07 | 19°51 | 3°47 | 8°11 | 6°22 | 19°15 | 16°28 | 19°53 | 16° 5 | 9° 0 | 29°54 | 0°41 | 1°32 | 14°33 | M 5 |
| T 6 | 7 2 23 | 14°52'03 | 2≈39 | 5°20 | 8° 0 | 7° 8 | 19°28 | 16°27 | 19°54 | 16° 7 | 9° 2 | 29°D53 | 0°38 | 1°39 | 14°30 | T 6 |
| W 7 | 7 6 20 | 15°53'00 | 15°11 | 6°53 | 7°47 | 7°54 | 19°41 | 16°26 | 19°55 | 16° 9 | 9° 4 | 29°54 | 0°35 | 1°46 | 14°28 | W 7 |
| T 8 | 7 10 16 | 16°53'57 | 27°28 | 8°25 | 7°31 | 8°40 | 19°54 | 16°24 | 19°56 | 16°11 | 9° 6 | 29°55 | 0°32 | 1°52 | 14°25 | T 8 |
| F 9 | 7 14 13 | 17°54'55 | 9 ∺ 33 | 9°58 | 7°13 | 9°27 | 20° 7 | 16°23 | 19°57 | 16°13 | 9° 8 | 29°56 | 0°28 | 1°59 | 14°22 | F 9 |
| S 10 | 7 18 9 | 18°55'53 | 21°29 | 11°32 | 6°52 | 10°13 | 20°20 | 16°22 | 19°58 | 16°15 | 9°10 | 29°57 | 0°25 | 2° 6 | 14°20 | S 10 |
| S 11 | 7 22 6 | 19°56'52 | 3 Υ 21 | 13° 5 | 6°30 | 10°59 | 20°33 | 16°20 | 19°59 | 16°17 | 9°12 | 29°58 | 0°22 | 2°12 | 14°17 | S 11 |
| M12 | 7 26 2 | 20°57'51 | 15°13 | 14°38 | 6° 5 | 11°46 | 20°46 | 16°18 | 19°59 | 16°19 | 9°14 | 29°59 | 0°19 | 2°19 | 14°15 | M12 |
| T 13 | 7 29 59 | 21°58'51 | 27° 9 | 16°12 | 5°38 | 12°32 | 20°59 | 16°17 | 20° 0 | 16°21 | 9°16 | 29°R59 | 0°16 | 2°26 | 14°13 | T 13 |
| W14 | 7 33 56 | 22°59'51 | 9 8 14 | 17°46 | 5° 9 | 13°18 | 21°13 | 16°15 | 20° 1 | 16°24 | 9°17 | 29°58 | 0°12 | 2°33 | 14°10 | W14 |
| T 15 | 7 37 52 | 24° 0'51 | 21°34 | 19°20 | 4°38 | 14° 5 | 21°26 | 16°13 | 20° 1 | 16°26 | 9°19 | 29°58 | 0° 9 | 2°39 | 14° 8 | T 15 |
| F 16 | 7 41 49 | 25° 1'51 | 4 Ⅱ 11 | 20°54 | 4° 6 | 14°51 | 21°39 | 16°11 | 20° 2 | 16°28 | 9°21 | 29°57 | 0° 6 | 2°46 | 14° 6 | F 16 |
| S 17 | 7 45 45 | 26° 2'52 | 17° 8 | 22°28 | 3°33 | 15°38 | 21°53 | 16° 9 | 20° 2 | 16°30 | 9°23 | 29°57 | 0° 3 | 2°53 | 14° 3 | S 17 |
| S 18 | 7 49 42 | 27° 3'53 | 0928 | 24° 3 | 2°58 | 16°25 | 22° 6 | 16° 6 | 20° 3 | 16°32 | 9°25 | 29°56 | 29 る 59 | 2°59 | 14° 1 | S 18 |
| M19 | 7 53 38 | 28° 4'55 | 14°10 | 25°38 | 2°22 | 17°11 | 22°20 | 16° 4 | 20° 3 | 16°34 | 9°27 | 29°56 | 29°57 | 3° 6 | 13°59 | M19 |
| T 20 | 7 57 35 | 29° 5'56 | 28°12 | 27°13 | 1°46 | 17°58 | 22°33 | 16° 1 | 20° 3 | 16°36 | 9°28 | 29°D56 | 29°53 | 3°13 | 13°57 | T 20 |
| W21 | 8 1 32 | 0≈ 6'58 | 12 N 31 | 28°48 | 1°10 | 18°44 | 22°47 | 15°59 | 20° 3 | 16°39 | 9°30 | 29°R56 | 29°50 | 3°19 | 13°55 | W21 |
| T 22 | 8 5 28 | 1° 8'01 | 27° 0 | 0≈24 | <u>0</u> °33 | 19°31 | 23° 1 | 15°56 | 20° 4 | 16°41 | 9°32 | 29°56 | 29°47 | 3°26 | 13°53 | T 22 |
| F 23 | 8 9 25 | 2° 9'03 | 11 m 35 | 2° 0 | 29 궁 56 | 20°18 | 23°14 | 15°53 | 20° 4 | 16°43 | 9°34 | 29°56 | 29°44 | 3°33 | 13°51 | F 23 |
| S 24 | 8 13 21 | 3°10'06 | 26° 9 | 3°36 | 29°20 | 21° 5 | 23°28 | 15°51 | 20° 4 | 16°45 | 9°35 | 29°55 | 29°41 | 3°40 | 13°50 | S 24 |
| S 25 | 8 17 18 | 4°11'10 | 10മ38 | 5°13 | 28°44 | 21°52 | 23°42 | 15°48 | 20°R 4 | 16°48 | 9°37 | 29°55 | 29°38 | 3°46 | 13°48 | S 25 |
| M26 | 8 21 14 | 5°12'14 | 24°56 | 6°50 | 28° 9 | 22°38 | 23°56 | 15°45 | 20° 4 | 16°50 | 9°38 | 29°55 | 29°34 | 3°53 | 13°46 | M26 |
| T 27 | 8 25 11 | 6°13'18 | 9 ™ 2 | 8°27 | 27°36 | 23°25 | 24° 9 | 15°42 | 20° 4 | 16°52 | 9°40 | 29°D55 | 29°31 | 4° 0 | 13°45 | T 27 |
| W28 | 8 29 7 | 7°14'23 | 22°53 | 10° 5 | 27° 4 | 24°12 | 24°23 | 15°38 | 20° 3 | 16°54 | 9°41 | 29°55 | 29°28 | 4° 6 | 13°43 | W28 |
| T 29 | 8 33 4 | 8°15'28 | 6 ₹ 29 | 11°43 | 26°33 | 24°59 | 24°37 | 15°35 | 20° 3 | 16°56 | 9°43 | 29°55 | 29°25 | 4°13 | 13°41 | T 29 |
| F 30 | 8 37 1 | 9°16'34 | 1 <u>9</u> °51 | 13°21 | 26° 4 | 25°46 | 24°51 | 15°32 | 20° 3 | 16°59 | 9°44 | 29°56 | 2 <u>9</u> °22 | 4°20 | 13°40 | F 30 |
| S 31 | 8 40 57 | 10≈17'40 | 2 る 59 | 15≈ 0 | 25 る 36 | 26≈33 | 25≈ 5 | 15 m 28 | 20 ♀ 3 | 17≈ 1 | 9 ∡ 146 | 29 궁 57 | 29 궁 18 | 4Υ 27 | 13 Ⅱ 39 | S 31 |

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| S 1 | 8 44 54 | 11≈18'46 | 15 る 54 | 16≈39 | 25°R11 | 27≈20 | 25≈19 | 15°R25 | 20°R 2 | 17≈ 3 | 9 ∡ 747 | 29 궁 58 | 29 궁 15 | 4 Υ33 | 13°R37 | S 1 |
| M 2 | 8 48 50 | 12°19'51 | 28°37 | 18°18 | 24 궁 48 | 28° 7 | 25°33 | 15 m)21 | 20 <u>₽</u> 2 | 17° 6 | 9°49 | 29°R58 | 29°12 | 4°40 | 13 II 36 | M 2 |
| T 3 | 8 52 47 | 13°20'57 | 11≈ 7 | 19°58 | 24°27 | 28°54 | 25°47 | 15°17 | 20° 1 | 17° 8 | 9°50 | 29°58 | 29° 9 | 4°47 | 13°35 | T 3 |
| W 4 | 8 56 43 | 14°22'03 | 23°26 | 21°38 | 24° 9 | 29°42 | 26° 1 | 15°13 | 20° 1 | 17°10 | 9°51 | 29°57 | 29° 6 | 4°53 | 13°34 | W 4 |
| T 5 | 9 0 40 | 15°23'08 | 5) (36 | 23°18 | 23°53 | 0 ∺ 29 | 26°15 | 15°10 | 20° 0 | 17°12 | 9°53 | 29°55 | 29° 3 | 5° 0 | 13°32 | T 5 |
| F 6 | 9 4 36 | 16°24'13 | 17°37 | 24°59 | 23°39 | 1°16 | 26°29 | 15° 6 | 19°59 | 17°15 | 9°54 | 29°53 | 28°59 | 5° 7 | 13°31 | F 6 |
| S 7 | 9 8 33 | 17°25'17 | 29°32 | 26°40 | 23°28 | 2° 3 | 26°44 | 15° 2 | 19°59 | 17°17 | 9°55 | 29°50 | 28°56 | 5°14 | 13°30 | S 7 |
| S 8 | 9 12 30 | 18°26'21 | 11 Y 23 | 28°21 | 23°19 | 2°50 | 26°58 | 14°58 | 19°58 | 17°19 | 9°56 | 29°47 | 28°53 | 5°20 | 13°30 | S 8 |
| M 9 | 9 16 26 | 19°27'25 | 23°14 | 0 米 2 | 23°13 | 3°38 | 27°12 | 14°54 | 19°57 | 17°21 | 9°58 | 29°44 | 28°50 | 5°27 | 13°29 | M 9 |
| T 10 | 9 20 23 | 20°28'28 | 5 8 9 | 1°42 | 23° 9 | 4°25 | 27°26 | 14°49 | 19°56 | 17°24 | 9°59 | 29°42 | 28°47 | 5°34 | 13°28 | T 10 |
| W11 | 9 24 19 | 21°29'30 | 17°11 | 3°23 | 23°D 8 | 5°12 | 27°40 | 14°45 | 19°55 | 17°26 | 10° 0 | 29°D41 | 28°44 | 5°40 | 13°27 | W11 |
| T 12 | 9 28 16 | 22°30'31 | 29°26 | 5° 3 | 23° 9 | 5°59 | 27°54 | 14°41 | 19°54 | 17°28 | 10° 1 | 29°42 | 28°40 | 5°47 | 13°27 | T 12 |
| F 13 | 9 32 12 | 23°31'32 | 11 Ⅱ 58 | 6°43 | 23°12 | 6°47 | 28° 9 | 14°36 | 19°53 | 17°31 | 10° 2 | 29°43 | 28°37 | 5°54 | 13°26 | F 13 |
| S 14 | 9 36 9 | 24°32'32 | 24°52 | 8°22 | 23°18 | 7°34 | 28°23 | 14°32 | 19°52 | 17°33 | 10° 3 | 29°44 | 28°34 | 6° 1 | 13°26 | S 14 |
| S 15 | 9 40 5 | 25°33'31 | 89510 | 10° 1 | 23°26 | 8°21 | 28°37 | 14°28 | 19°51 | 17°35 | 10° 4 | 29°46 | 28°31 | 6° 7 | 13°25 | S 15 |
| M16 | 9 44 2 | 26°34'30 | 21°55 | 11°38 | 23°36 | 9° 9 | 28°51 | 14°23 | 19°50 | 17°37 | 10° 5 | 29°47 | 28°28 | 6°14 | 13°25 | M16 |
| T 17 | 9 47 59 | 27°35'27 | 6 N 6 | 13°13 | 23°49 | 9°56 | 29° 5 | 14°19 | 19°49 | 17°40 | 10° 6 | 29°R47 | 28°24 | 6°21 | 13°25 | T 17 |
| W18 | 9 51 55 | 28°36'24 | 20°41 | 14°47 | 24° 3 | 10°44 | 29°20 | 14°14 | 19°47 | 17°42 | 10° 7 | 29°46 | 28°21 | 6°27 | 13°24 | W18 |
| T 19 | 9 55 52 | 29°37'20 | 5 M 34 | 16°18 | 24°20 | 11°31 | 29°34 | 14° 9 | 19°46 | 17°44 | 10° 8 | 29°43 | 28°18 | 6°34 | 13°24 | T 19 |
| F 20 | 9 59 48 | 0 ₩ 38'15 | 20°36 | 17°46 | 24°39 | 12°18 | 29°48 | 14° 5 | 19°45 | 17°46 | 10° 8 | 29°39 | 28°15 | 6°41 | 13°24 | F 20 |
| S 21 | 10 3 45 | 1°39'09 | 5 ₾ 39 | 19°11 | 25° 0 | 13° 6 | 0₩ 2 | 14° 0 | 19°43 | 17°49 | 10° 9 | 29°34 | 28°12 | 6°48 | 13°D24 | S 21 |
| S 22 | 10 741 | 2°40'03 | 20°33 | 20°31 | 25°22 | 13°53 | 0°17 | 13°55 | 19°42 | 17°51 | 10°10 | 29°29 | 28° 9 | 6°54 | 13°24 | S 22 |
| M23 | 10 11 38 | 3°40'56 | 5 M 10 | 21°47 | 25°47 | 14°41 | 0°31 | 13°50 | 19°40 | 17°53 | 10°10 | 29°25 | 28° 5 | 7° 1 | 13°24 | M23 |
| T 24 | 10 15 34 | 4°41'49 | 19°27 | 22°58 | 26°13 | 15°28 | 0°45 | 13°46 | 19°39 | 17°55 | 10°11 | 29°23 | 28° 2 | 7° 8 | 13°24 | T 24 |
| W25 | 10 19 31 | 5°42'41 | 3 ₹ 21 | 24° 2 | 26°41 | 16°16 | 0°59 | 13°41 | 19°37 | 17°57 | 10°12 | 29°D22 | 27°59 | 7°14 | 13°25 | W25 |
| T 26 | 10 23 28 | 6°43'33 | 1 <u>6</u> °51 | 24°59 | 27°10 | 17° 3 | 1°13 | 13°36 | 19°35 | 18° 0 | 10°12 | 29°22 | 27°56 | 7°21 | 13°25 | T 26 |
| F 27 | 10 27 24 | 7°44'24 | 0ਰ 1 | 25°48 | 27°41 | 17°51 | 1°28 | 13°31 | 19°34 | 18° 2 | 10°13 | 29°23 | 27°53 | 7°28 | 13°25 | F 27 |
| S 28 | 10 31 21 | 8°45'14 | 12°52 | 26°29 | 28°14 | 18°38 | 1°42 | 13°26 | 19°32 | 18° 4 | 10°13 | 29°25 | 27°50 | 7°35 | 13°26 | S 28 |
| S 29 | 10 35 17 | 9) 46′03 | 25 る 29 | 27) 1 | 28 궁 48 | 19 ∺ 26 | 1 ∺ 56 | 13 m)21 | 19 ≏ 30 | 18 ≈ 6 | 10 × 14 | 29°R26 | 27 七 46 | 7 Υ 41 | 13Ⅲ26 | S 29 |

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| M 1 | 10 39 14 | 10) (46'52 | 7≈52 | 27) 22 | 29 궁 23 | 20) 13 | 2) 10 | 13°R16 | 19°R28 | 18≈ 8 | 10 ∡ 114 | 29°R26 | 27 る 43 | 7 Υ 48 | 13 Ⅱ 27 | M 1 |
| T 2 | 10 43 10 | 11°47'39 | 20° 6 | 27°33 | 29°59 | 21° 1 | 2°24 | 13 m 12 | 19 ≙ 27 | 18°10 | 10°15 | 29 궁 23 | 27°40 | 7°55 | 13°27 | T 2 |
| W 3 | 10 47 7 | 12°48'26 | 2) 13 | 27°R33 | 0≈38 | 21°48 | 2°39 | 13° 7 | 19°25 | 18°12 | 10°15 | 29°19 | 27°37 | 8° 1 | 13°28 | W 3 |
| T 4 | 10 51 3 | 13°49'11 | 14°13 | 27°22 | 1°17 | 22°36 | 2°53 | 13° 2 | 19°23 | 18°15 | 10°15 | 29°12 | 27°34 | 8° 8 | 13°29 | T 4 |
| F 5 | 10 55 0 | 14°49'55 | 26° 9 | 27° 1 | 1°57 | 23°23 | 3° 7 | 12°57 | 19°21 | 18°17 | 10°16 | 29° 4 | 27°30 | 8°15 | 13°30 | F 5 |
| S 6 | 10 58 57 | 15°50'38 | 8 ℃ 2 | 26°29 | 2°39 | 24°11 | 3°21 | 12°52 | 19°19 | 18°19 | 10°16 | 28°54 | 27°27 | 8°22 | 13°31 | S 6 |
| S 7 | 11 2 53 | 16°51'19 | 19°53 | 25°48 | 3°21 | 24°58 | 3°35 | 12°47 | 19°17 | 18°21 | 10°16 | 28°45 | 27°24 | 8°28 | 13°32 | S 7 |
| M 8 | 11 6 50 | 17°51'59 | 1844 | 24°58 | 4° 5 | 25°46 | 3°49 | 12°42 | 19°15 | 18°23 | 10°16 | 28°36 | 27°21 | 8°35 | 13°33 | M 8 |
| T 9 | 11 10 46 | 18°52'38 | 13°39 | 24° 2 | 4°50 | 26°33 | 4° 3 | 12°37 | 19°12 | 18°25 | 10°17 | 28°28 | 27°18 | 8°42 | 13°34 | T 9 |
| W10 | 11 14 43 | 19°53'15 | 25°41 | 22°59 | 5°35 | 27°21 | 4°17 | 12°33 | 19°10 | 18°27 | 10°17 | 28°23 | 27°15 | 8°48 | 13°35 | W10 |
| T 11 | 11 18 39 | 20°53'51 | 7 Ⅱ 53 | 21°53 | 6°22 | 28° 8 | 4°31 | 12°28 | 19° 8 | 18°29 | 10°17 | 28°20 | 27°11 | 8°55 | 13°36 | T 11 |
| F 12 | 11 22 36 | 21°54'25 | 20°19 | 20°45 | 7° 9 | 28°56 | 4°45 | 12°23 | 19° 6 | 18°31 | 10°17 | 28°D19 | 27° 8 | 9° 2 | 13°38 | F 12 |
| S 13 | 11 26 32 | 22°54'57 | 3 9 5 | 19°37 | 7°57 | 29°43 | 4°59 | 12°18 | 19° 4 | 18°33 | 10°R17 | 28°19 | 27° 5 | 9° 9 | 13°39 | S 13 |
| S 14 | 11 30 29 | 23°55'28 | 16°15 | 18°30 | 8°46 | 0 Υ 31 | 5°13 | 12°13 | 19° 1 | 18°35 | 10°17 | 28°20 | 27° 2 | 9°15 | 13°40 | S 14 |
| M15 | 11 34 26 | 24°55'57 | 29°52 | 17°26 | 9°36 | 1°18 | 5°27 | 12° 9 | 18°59 | 18°37 | 10°17 | 28°R20 | 26°59 | 9°22 | 13°42 | M15 |
| T 16 | 11 38 22 | 25°56'24 | 13 N 59 | 16°27 | 10°27 | 2° 5 | 5°41 | 12° 4 | 18°57 | 18°39 | 10°17 | 28°19 | 26°56 | 9°29 | 13°43 | T 16 |
| W17 | 11 42 19 | 26°56'50 | 28°33 | 15°33 | 11°18 | 2°53 | 5°54 | 11°59 | 18°54 | 18°40 | 10°17 | 28°16 | 26°52 | 9°35 | 13°45 | W17 |
| T 18 | 11 46 15 | 27°57'13 | 13 m 32 | 14°45 | 12°10 | 3°40 | 6° 8 | 11°55 | 18°52 | 18°42 | 10°16 | 28°10 | 26°49 | 9°42 | 13°47 | T 18 |
| F 19 | 11 50 12 | 28°57'35 | 28°46 | 14° 5 | 13° 3 | 4°28 | 6°22 | 11°50 | 18°50 | 18°44 | 10°16 | 28° 2 | 26°46 | 9°49 | 13°48 | F 19 |
| S 20 | 11 54 8 | 29°57'56 | 14 ♀ 7 | 13°31 | 13°56 | 5°15 | 6°36 | 11°46 | 18°47 | 18°46 | 10°16 | 27°53 | 26°43 | 9°56 | 13°50 | S 20 |
| S 21 | 11 58 5 | 0 Υ 58'15 | 29°21 | 13° 4 | 14°50 | 6° 3 | 6°49 | 11°41 | 18°45 | 18°48 | 10°16 | 27°43 | 26°40 | 10° 2 | 13°52 | S 21 |
| M22 | 12 2 1 | 1°58'32 | 14 M .19 | 12°45 | 15°45 | 6°50 | 7° 3 | 11°37 | 18°42 | 18°50 | 10°15 | 27°34 | 26°36 | 10° 9 | 13°54 | M22 |
| T 23 | 12 5 58 | 2°58'48 | 28°53 | 12°33 | 16°40 | 7°37 | 7°16 | 11°32 | 18°40 | 18°51 | 10°15 | 27°28 | 26°33 | 10°16 | 13°56 | T 23 |
| W24 | 12 9 54 | 3°59'03 | 12 × 758 | 12°D28 | 17°35 | 8°25 | 7°30 | 11°28 | 18°37 | 18°53 | 10°15 | 27°24 | 26°30 | 10°22 | 13°58 | W24 |
| T 25 | 12 13 51 | 4°59'17 | 26°35 | 12°30 | 18°32 | 9°12 | 7°43 | 11°24 | 18°35 | 18°55 | 10°14 | 27°22 | 26°27 | 10°29 | 14° 0 | T 25 |
| F 26 | 12 17 48 | 5°59'29 | 9 ප 45 | 12°38 | 19°28 | 9°59 | 7°57 | 11°19 | 18°32 | 18°57 | 10°14 | 27°D21 | 26°24 | 10°36 | 14° 2 | F 26 |
| S 27 | 12 21 44 | 6°59'40 | 22°31 | 12°52 | 20°26 | 10°47 | 8°10 | 11°15 | 18°30 | 18°58 | 10°13 | 27°R22 | 26°21 | 10°43 | 14° 5 | S 27 |
| S 28 | 12 25 41 | 7°59'49 | 4≈59 | 13°11 | 21°24 | 11°34 | 8°24 | 11°11 | 18°27 | 19° 0 | 10°13 | 27°22 | 26°17 | 10°49 | 14° 7 | S 28 |
| M29 | 12 29 37 | 8°59'57 | 17°13 | 13°36 | 22°22 | 12°21 | 8°37 | 11° 7 | 18°25 | 19° 2 | 10°12 | 27°20 | 26°14 | 10°56 | 14° 9 | M29 |
| T 30 | 12 33 34 | 10° 0'03 | 29°17 | 14° 5 | 23°20 | 13° 8 | 8°50 | 11° 3 | 18°22 | 19° 3 | 10°12 | 27°15 | 26°11 | 11° 3 | 14°12 | T 30 |
| W31 | 12 37 30 | 11 ° 0'07 | 11) (14 | 14) (40 | 24≈20 | 13 Y 56 | 9 ∺ 3 | 10 m 59 | 18 ≏ 20 | 19 ≈ 5 | 10 √ 11 | 27중 8 | 26 궁 8 | 11 Ƴ 9 | 14∏14 | W31 |

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| T 1 | 12 41 27 | 12 Y 0'10 | 23) 8 | 15) 18 | 25≈19 | 14 Y 43 | 9) 16 | 10°R55 | 18°R17 | 19 ≈ 6 | 10°R10 | 26°R58 | 26중 5 | 11 Y 16 | 14∏17 | T 1 |
| F 2 | 12 45 23 | 13° 0'12 | 4℃ 59 | 16° 1 | 26°19 | 15°30 | 9°30 | 10 m 52 | 18 ≏ 14 | 19°8 | 10 × 10 | 26 궁 45 | 26° 1 | 11°23 | 14°19 | F 2 |
| S 3 | 12 49 20 | 14° 0'11 | 16°51 | 16°47 | 27°19 | 16°17 | 9°43 | 10°48 | 18°12 | 19° 9 | 10° 9 | 26°31 | 25°58 | 11°30 | 14°22 | S 3 |
| S 4 | 12 53 17 | 15° 0'08 | 28°44 | 17°37 | 28°20 | 17° 4 | 9°56 | 10°44 | 18° 9 | 19°11 | 10° 8 | 26°17 | 25°55 | 11°36 | 14°24 | S 4 |
| M 5 | 12 57 13 | 16° 0'04 | 10 8 39 | 18°29 | 29°21 | 17°52 | 10° 8 | 10°41 | 18° 6 | 19°12 | 10° 8 | 26° 3 | 25°52 | 11°43 | 14°27 | M 5 |
| T 6 | 13 1 10 | 16°59'58 | 22°39 | 19°25 | 0) €22 | 18°39 | 10°21 | 10°37 | 18° 4 | 19°14 | 10° 7 | 25°51 | 25°49 | 11°50 | 14°30 | T 6 |
| W 7 | 13 5 6 | 17°59'50 | 4∏45 | 20°24 | 1°24 | 19°26 | 10°34 | 10°34 | 18° 1 | 19°15 | 10° 6 | 25°42 | 25°46 | 11°56 | 14°33 | W 7 |
| T 8 | 13 9 3 | 18°59'40 | 17° 0 | 21°26 | 2°26 | 20°13 | 10°47 | 10°30 | 17°59 | 19°16 | 10° 5 | 25°36 | 25°42 | 12° 3 | 14°35 | T 8 |
| F 9 | 13 12 59 | 19°59'27 | 29°27 | 22°30 | 3°28 | 21° 0 | 10°59 | 10°27 | 17°56 | 19°18 | 10° 4 | 25°32 | 25°39 | 12°10 | 14°38 | F 9 |
| S 10 | 13 16 56 | 20°59'13 | 129510 | 23°36 | 4°31 | 21°47 | 11°12 | 10°24 | 17°53 | 19°19 | 10° 3 | 25°31 | 25°36 | 12°17 | 14°41 | S 10 |
| S 11 | 13 20 52 | 21°58'56 | 25°13 | 24°45 | 5°33 | 22°34 | 11°25 | 10°21 | 17°51 | 19°20 | 10° 2 | 25°31 | 25°33 | 12°23 | 14°44 | S 11 |
| M12 | 13 24 49 | 22°58'37 | 8 Ω 41 | 25°55 | 6°37 | 23°21 | 11°37 | 10°18 | 17°48 | 19°22 | 10° 1 | 25°31 | 25°30 | 12°30 | 14°47 | M12 |
| T 13 | 13 28 46 | 23°58'16 | 22°35 | 27° 8 | 7°40 | 24° 8 | 11°49 | 10°15 | 17°46 | 19°23 | 10° 0 | 25°29 | 25°27 | 12°37 | 14°51 | T 13 |
| W14 | 13 32 42 | 24°57'53 | 6 m 58 | 28°23 | 8°44 | 24°55 | 12° 2 | 10°13 | 17°43 | 19°24 | 9°59 | 25°25 | 25°23 | 12°43 | 14°54 | W14 |
| T 15 | 13 36 39 | 25°57'27 | 21°46 | 29°40 | 9°48 | 25°41 | 12°14 | 10°10 | 17°40 | 19°25 | 9°58 | 25°18 | 25°20 | 12°50 | 14°57 | T 15 |
| F 16 | 13 40 35 | 26°56'59 | 6 ₽ 53 | 0 Υ 58 | 10°52 | 26°28 | 12°26 | 10° 7 | 17°38 | 19°26 | 9°57 | 25° 9 | 25°17 | 12°57 | 15° 0 | F 16 |
| S 17 | 13 44 32 | 27°56'29 | 22°12 | 2°18 | 11°56 | 27°15 | 12°38 | 10° 5 | 17°35 | 19°28 | 9°56 | 24°58 | 25°14 | 13° 4 | 15° 3 | S 17 |
| S 18 | 13 48 28 | 28°55'58 | 7 M 30 | 3°40 | 13° 1 | 28° 2 | 12°50 | 10° 2 | 17°33 | 19°29 | 9°55 | 24°47 | 25°11 | 13°10 | 15° 7 | S 18 |
| M19 | 13 52 25 | 29°55'24 | 22°36 | 5° 4 | 14° 6 | 28°49 | 13° 2 | 10° 0 | 17°30 | 19°30 | 9°54 | 24°36 | 25° 7 | 13°17 | 15°10 | M19 |
| T 20 | 13 56 21 | 0 8 54'49 | 7 . ₹20 | 6°29 | 15°11 | 29°35 | 13°14 | 9°58 | 17°28 | 19°31 | 9°53 | 24°28 | 25° 4 | 13°24 | 15°13 | T 20 |
| W21 | 14 0 18 | 1°54'12 | 2 <u>1</u> °37 | 7°56 | 16°16 | 0822 | 13°26 | 9°56 | 17°25 | 19°32 | 9°51 | 24°22 | 25° 1 | 13°31 | 15°17 | W21 |
| T 22 | 14 4 14 | 2°53'33 | 5 る 23 | 9°24 | 17°21 | 1° 8 | 13°37 | 9°54 | 17°23 | 19°33 | 9°50 | 24°19 | 24°58 | 13°37 | 15°20 | T 22 |
| F 23 | 14 8 11 | 3°52'52 | 18°40 | 10°54 | 18°27 | 1°55 | 13°49 | 9°52 | 17°20 | 19°34 | 9°49 | 24°18 | 24°55 | 13°44 | 15°24 | F 23 |
| S 24 | 14 12 8 | 4°52'10 | 1 ≈ 31 | 12°25 | 19°33 | 2°42 | 14° 0 | 9°50 | 17°18 | 19°35 | 9°48 | 24°18 | 24°52 | 13°51 | 15°27 | S 24 |
| S 25 | 14 16 4 | 5°51'26 | 14° 0 | 13°58 | 20°39 | 3°28 | 14°12 | 9°48 | 17°15 | 19°35 | 9°46 | 24°18 | 24°48 | 13°57 | 15°31 | S 25 |
| M26 | 14 20 1 | 6°50'40 | 26°13 | 15°33 | 21°45 | 4°15 | 14°23 | 9°47 | 17°13 | 19°36 | 9°45 | 24°16 | 24°45 | 14° 4 | 15°35 | M26 |
| T 27 | 14 23 57 | 7°49'53 | 8) 14 | 17° 8 | 22°52 | 5° 1 | 14°34 | 9°45 | 17°10 | 19°37 | 9°44 | 24°13 | 24°42 | 14°11 | 15°38 | T 27 |
| W28 | 14 27 54 | 8°49'04 | 20° 8 | 18°46 | 23°58 | 5°48 | 14°46 | 9°44 | 17° 8 | 19°38 | 9°42 | 24° 6 | 24°39 | 14°18 | 15°42 | W28 |
| T 29 | 14 31 50 | 9°48'13 | 1 Υ 58 | 20°24 | 25° 5 | 6°34 | 14°57 | 9°43 | 17° 6 | 19°39 | 9°41 | 23°57 | 24°36 | 14°24 | 15°46 | T 29 |
| F 30 | 14 35 47 | 10847'20 | 13 Y 49 | 22 Y 5 | 26 米 12 | 7 8 20 | 15 米 7 | 9 m /42 | 17 ♀ 3 | 19 ≈ 39 | 9 ∡ 39 | 23 궁 46 | 24 궁 33 | 14 Y 31 | 15 Ⅱ 50 | F 30 |

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|------|----------|----------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|------|
| S 1 | 14 39 43 | 11846'25 | 25 Y 42 | 23 Y 46 | 27 米 19 | 8 8 7 | 15 ∺ 18 | 9°R41 | 17°R 1 | 19 ≈ 40 | 9°R38 | 23°R33 | 24 궁 29 | 14 Y 38 | 15 Ⅱ 53 | S 1 |
| S 2 | 14 43 40 | 12°45'29 | 7 8 39 | 25°29 | 28°26 | 8°53 | 15°29 | 9 m /40 | 16 ≏ 59 | 19°41 | 9 ∡ 37 | 23 云 19 | 24°26 | 14°44 | 15°57 | S 2 |
| M 3 | 14 47 37 | 13°44'30 | 19°41 | 27°14 | 29°33 | 9°39 | 15°40 | 9°39 | 16°56 | 19°41 | 9°35 | 23° 6 | 24°23 | 14°51 | 16° 1 | M 3 |
| T 4 | 14 51 33 | 14°43'30 | 1 II 50 | 29° 0 | 0 Υ 41 | 10°25 | 15°50 | 9°38 | 16°54 | 19°42 | 9°34 | 22°55 | 24°20 | 14°58 | 16° 5 | T 4 |
| W 5 | 14 55 30 | 15°42'28 | 14° 6 | 0 8 48 | 1°49 | 11°11 | 16° 1 | 9°37 | 16°52 | 19°42 | 9°32 | 22°47 | 24°17 | 15° 5 | 16° 9 | W 5 |
| T 6 | 14 59 26 | 16°41'24 | 26°32 | 2°37 | 2°56 | 11°57 | 16°11 | 9°37 | 16°50 | 19°43 | 9°31 | 22°41 | 24°13 | 15°11 | 16°13 | T 6 |
| F 7 | 15 3 23 | 17°40'17 | 995 8 | 4°28 | 4° 4 | 12°44 | 16°21 | 9°36 | 16°48 | 19°43 | 9°29 | 22°38 | 24°10 | 15°18 | 16°17 | F 7 |
| S 8 | 15 7 19 | 18°39'09 | 21°58 | 6°20 | 5°12 | 13°30 | 16°31 | 9°36 | 16°46 | 19°44 | 9°28 | 22°D37 | 24° 7 | 15°25 | 16°21 | S 8 |
| S 9 | 15 11 16 | 19°37'58 | 5 Ω 4 | 8°14 | 6°20 | 14°16 | 16°41 | 9°36 | 16°44 | 19°44 | 9°26 | 22°38 | 24° 4 | 15°31 | 16°25 | S 9 |
| M10 | 15 15 12 | 20°36'45 | 18°29 | 10° 9 | 7°28 | 15° 1 | 16°51 | 9°D36 | 16°41 | 19°45 | 9°25 | 22°R38 | 24° 1 | 15°38 | 16°29 | M10 |
| T 11 | 15 19 9 | 21°35'30 | 2 Mp 16 | 12° 6 | 8°37 | 15°47 | 17° 1 | 9°36 | 16°39 | 19°45 | 9°23 | 22°38 | 23°58 | 15°45 | 16°33 | T 11 |
| W12 | 15 23 6 | 22°34'12 | 16°25 | 14° 5 | 9°45 | 16°33 | 17°11 | 9°36 | 16°38 | 19°45 | 9°21 | 22°35 | 23°54 | 15°52 | 16°37 | W12 |
| T 13 | 15 27 2 | 23°32'52 | 0 ჲ 56 | 16° 5 | 10°53 | 17°19 | 17°20 | 9°36 | 16°36 | 19°46 | 9°20 | 22°31 | 23°51 | 15°58 | 16°41 | T 13 |
| F 14 | 15 30 59 | 24°31'30 | 15°45 | 18° 6 | 12° 2 | 18° 5 | 17°30 | 9°37 | 16°34 | 19°46 | 9°18 | 22°24 | 23°48 | 16° 5 | 16°45 | F 14 |
| S 15 | 15 34 55 | 25°30'07 | 0 M 45 | 20° 9 | 13°11 | 18°50 | 17°39 | 9°37 | 16°32 | 19°46 | 9°17 | 22°16 | 23°45 | 16°12 | 16°50 | S 15 |
| S 16 | 15 38 52 | 26°28'41 | 15°48 | 22°13 | 14°19 | 19°36 | 17°48 | 9°38 | 16°30 | 19°46 | 9°15 | 22° 7 | 23°42 | 16°19 | 16°54 | S 16 |
| M17 | 15 42 48 | 27°27'13 | 0 ∡ 744 | 24°18 | 15°28 | 20°22 | 17°57 | 9°38 | 16°28 | 19°46 | 9°13 | 21°59 | 23°39 | 16°25 | 16°58 | M17 |
| T 18 | 15 46 45 | 28°25'44 | 15°23 | 26°25 | 16°37 | 21° 7 | 18° 6 | 9°39 | 16°26 | 19°46 | 9°12 | 21°53 | 23°35 | 16°32 | 17° 2 | T 18 |
| W19 | 15 50 41 | 29°24'13 | 29°40 | 28°32 | 17°46 | 21°53 | 18°15 | 9°40 | 16°25 | 19°47 | 9°10 | 21°49 | 23°32 | 16°39 | 17° 6 | W19 |
| T 20 | 15 54 38 | 0∏22'40 | 13 云 30 | 0 Ⅱ 40 | 18°55 | 22°38 | 18°24 | 9°41 | 16°23 | 19°47 | 9° 8 | 21°46 | 23°29 | 16°45 | 17°11 | T 20 |
| F 21 | 15 58 35 | 1°21'06 | 26°52 | 2°49 | 20° 5 | 23°24 | 18°32 | 9°42 | 16°21 | 19°R47 | 9° 7 | 21°D46 | 23°26 | 16°52 | 17°15 | F 21 |
| S 22 | 16 231 | 2°19'30 | 9 ≈ 49 | 4°58 | 21°14 | 24° 9 | 18°40 | 9°43 | 16°20 | 19°47 | 9° 5 | 21°47 | 23°23 | 16°59 | 17°19 | S 22 |
| S 23 | 16 6 28 | 3°17'52 | 22°23 | 7° 8 | 22°23 | 24°54 | 18°49 | 9°45 | 16°18 | 19°47 | 9° 3 | 21°48 | 23°19 | 17° 6 | 17°24 | S 23 |
| M24 | 16 10 24 | 4°16'13 | 4) (40 | 9°17 | 23°33 | 25°40 | 18°57 | 9°46 | 16°17 | 19°46 | 9° 2 | 21°R49 | 23°16 | 17°12 | 17°28 | M24 |
| T 25 | 16 14 21 | 5°14'33 | 16°43 | 11°26 | 24°43 | 26°25 | 19° 5 | 9°48 | 16°15 | 19°46 | 9° 0 | 21°48 | 23°13 | 17°19 | 17°32 | T 25 |
| W26 | 16 18 17 | 6°12'51 | 28°38 | 13°34 | 25°52 | 27°10 | 19°13 | 9°49 | 16°14 | 19°46 | 8°58 | 21°46 | 23°10 | 17°26 | 17°37 | W26 |
| T 27 | 16 22 14 | 7°11'07 | 10 Υ 29 | 15°41 | 27° 2 | 27°55 | 19°20 | 9°51 | 16°13 | 19°46 | 8°57 | 21°41 | 23° 7 | 17°33 | 17°41 | T 27 |
| F 28 | 16 26 10 | 8° 9'22 | 22°21 | 17°47 | 28°12 | 28°40 | 19°28 | 9°53 | 16°11 | 19°46 | 8°55 | 21°35 | 23° 4 | 17°39 | 17°45 | F 28 |
| S 29 | 16 30 7 | 9° 7'36 | 4 8 17 | 19°52 | 29°21 | 29°25 | 19°36 | 9°55 | 16°10 | 19°46 | 8°53 | 21°27 | 23° 0 | 17°46 | 17°50 | S 29 |
| S 30 | 16 34 4 | 10° 5'48 | 16°19 | 21°54 | 0 8 31 | 0 I I10 | 19°43 | 9°57 | 16° 9 | 19°45 | 8°52 | 21°20 | 22°57 | 17°53 | 17°54 | S 30 |
| M31 | 16 38 0 | 11耳 3'59 | 28 8 30 | 23耳55 | 1841 | 0 Ⅱ 55 | 19 米 50 | 9 m 59 | 16 ♀ 8 | 19 ≈ 45 | 8 才 50 | 21 궁 12 | 22 궁 54 | 17 Y 59 | 17 Ⅱ 59 | M31 |

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| T 1 | 16 41 57 | 12 II 2'08 | 10 Ⅲ 50 | 25耳53 | 2 8 51 | 1 Ⅱ 40 | 19 米 57 | 10 Mp 1 | 16°R 7 | 19°R45 | 8°R48 | 21°R 6 | 22 궁 51 | 18 Y 6 | 18 I I 3 | T 1 |
| W 2 | 16 45 53 | 13° 0'16 | 23°21 | 27°48 | 4° 1 | 2°25 | 20° 4 | 10° 4 | 16 º 6 | 19 ≈ 44 | 8 . 747 | 21중 1 | 22°48 | 18°13 | 18° 7 | W 2 |
| T 3 | 16 49 50 | 13°58'22 | 6 9 5 4 | 29°41 | 5°12 | 3°10 | 20°10 | 10° 6 | 16° 5 | 19°44 | 8°45 | 20°58 | 22°45 | 18°20 | 18°12 | T 3 |
| F 4 | 16 53 46 | 14°56'26 | 18°58 | 19931 | 6°22 | 3°54 | 20°17 | 10° 9 | 16° 4 | 19°43 | 8°43 | 20°D57 | 22°41 | 18°26 | 18°16 | F 4 |
| S 5 | 16 57 43 | 15°54'29 | 2 N 5 | 3°18 | 7°32 | 4°39 | 20°23 | 10°11 | 16° 3 | 19°43 | 8°42 | 20°58 | 22°38 | 18°33 | 18°21 | S 5 |
| S 6 | 17 1 40 | 16°52'30 | 15°25 | 5° 1 | 8°42 | 5°24 | 20°30 | 10°14 | 16° 2 | 19°43 | 8°40 | 20°59 | 22°35 | 18°40 | 18°25 | S 6 |
| M 7 | 17 5 36 | 17°50'29 | 28°59 | 6°42 | 9°53 | 6° 8 | 20°36 | 10°17 | 16° 1 | 19°42 | 8°38 | 21° 0 | 22°32 | 18°46 | 18°30 | M 7 |
| T 8 | 17 9 33 | 18°48'26 | 12 M 49 | 8°19 | 11° 3 | 6°53 | 20°42 | 10°20 | 16° 0 | 19°41 | 8°37 | 21°R 1 | 22°29 | 18°53 | 18°34 | T 8 |
| W 9 | 17 13 29 | 19°46'21 | 26°52 | 9°52 | 12°14 | 7°37 | 20°47 | 10°23 | 15°59 | 19°41 | 8°35 | 21° 1 | 22°25 | 19° 0 | 18°38 | W 9 |
| T 10 | 17 17 26 | 20°44'15 | 11 ≏ 10 | 11°23 | 13°24 | 8°22 | 20°53 | 10°26 | 15°59 | 19°40 | 8°33 | 21° 0 | 22°22 | 19° 7 | 18°43 | T 10 |
| F 11 | 17 21 22 | 21°42'07 | 25°39 | 12°49 | 14°35 | 9° 6 | 20°58 | 10°29 | 15°58 | 19°40 | 8°32 | 20°57 | 22°19 | 19°13 | 18°47 | F 11 |
| S 12 | 17 25 19 | 22°39'58 | 10 M .14 | 14°13 | 15°45 | 9°50 | 21° 4 | 10°32 | 15°58 | 19°39 | 8°30 | 20°54 | 22°16 | 19°20 | 18°52 | S 12 |
| S 13 | 17 29 15 | 23°37'47 | 24°51 | 15°32 | 16°56 | 10°35 | 21° 9 | 10°36 | 15°57 | 19°38 | 8°28 | 20°50 | 22°13 | 19°27 | 18°56 | S 13 |
| M14 | 17 33 12 | 24°35'34 | 9 ∡ 23 | 16°48 | 18° 6 | 11°19 | 21°14 | 10°39 | 15°57 | 19°37 | 8°27 | 20°46 | 22°10 | 19°34 | 19° 1 | M14 |
| T 15 | 17 37 9 | 25°33'20 | 23°43 | 18° 0 | 19°17 | 12° 3 | 21°18 | 10°43 | 15°56 | 19°37 | 8°25 | 20°44 | 22° 6 | 19°40 | 19° 5 | T 15 |
| W16 | 17 41 5 | 26°31'05 | 7 궁 45 | 19° 9 | 20°28 | 12°47 | 21°23 | 10°47 | 15°56 | 19°36 | 8°24 | 20°42 | 22° 3 | 19°47 | 19° 9 | W16 |
| T 17 | 17 45 2 | 27°28'49 | 21°28 | 20°13 | 21°39 | 13°31 | 21°27 | 10°50 | 15°56 | 19°35 | 8°22 | 20°D41 | 22° 0 | 19°54 | 19°14 | T 17 |
| F 18 | 17 48 58 | 28°26'31 | 4≈47 | 21°14 | 22°50 | 14°15 | 21°32 | 10°54 | 15°55 | 19°34 | 8°21 | 20°42 | 21°57 | 20° 0 | 19°18 | F 18 |
| S 19 | 17 52 55 | 29°24'13 | 17°44 | 22°11 | 24° 1 | 14°59 | 21°36 | 10°58 | 15°55 | 19°33 | 8°19 | 20°43 | 21°54 | 20° 7 | 19°23 | S 19 |
| S 20 | 17 56 51 | 0921'53 | 0 ∺ 21 | 23° 4 | 25°12 | 15°43 | 21°39 | 11° 2 | 15°55 | 19°33 | 8°17 | 20°45 | 21°51 | 20°14 | 19°27 | S 20 |
| M21 | 18 0 48 | 1°19'32 | 12°40 | 23°52 | 26°23 | 16°27 | 21°43 | 11° 6 | 15°55 | 19°32 | 8°16 | 20°46 | 21°47 | 20°21 | 19°31 | M21 |
| T 22 | 18 4 44 | 2°17'11 | 24°46 | 24°37 | 27°34 | 17°10 | 21°47 | 11°11 | 15°D55 | 19°31 | 8°14 | 20°47 | 21°44 | 20°27 | 19°36 | T 22 |
| W23 | 18 8 41 | 3°14'48 | 6 Υ 44 | 25°17 | 28°45 | 17°54 | 21°50 | 11°15 | 15°55 | 19°30 | 8°13 | 20°R47 | 21°41 | 20°34 | 19°40 | W23 |
| T 24 | 18 12 38 | 4°12'25 | 18°37 | 25°53 | 29°56 | 18°38 | 21°53 | 11°19 | 15°55 | 19°29 | 8°11 | 20°46 | 21°38 | 20°41 | 19°44 | T 24 |
| F 25 | 18 16 34 | 5°10'01 | 0831 | 26°25 | 1 I 7 | 19°21 | 21°56 | 11°24 | 15°55 | 19°28 | 8°10 | 20°45 | 21°35 | 20°47 | 19°49 | F 25 |
| S 26 | 18 20 31 | 6° 7'36 | 12°29 | 26°52 | 2°18 | 20° 5 | 21°59 | 11°28 | 15°55 | 19°27 | 8° 9 | 20°43 | 21°31 | 20°54 | 19°53 | S 26 |
| S 27 | 18 24 27 | 7° 5'11 | 24°36 | 27°15 | 3°29 | 20°48 | 22° 2 | 11°33 | 15°55 | 19°26 | 8° 7 | 20°41 | 21°28 | 21° 1 | 19°57 | S 27 |
| M28 | 18 28 24 | 8° 2'45 | 6 Ⅱ 54 | 27°33 | 4°41 | 21°32 | 22° 4 | 11°38 | 15°56 | 19°24 | 8° 6 | 20°39 | 21°25 | 21° 8 | 20° 2 | M28 |
| T 29 | 18 32 20 | 9° 0'17 | 19°25 | 27°47 | 5°52 | 22°15 | 22° 6 | 11°42 | 15°56 | 19°23 | 8° 4 | 20°38 | 21°22 | 21°14 | 20° 6 | T 29 |
| W30 | 18 36 17 | 9957'50 | 29612 | 279556 | 7耳 3 | 22 Ⅱ 59 | 22 米 8 | 11 M)47 | 15 ≏ 56 | 19≈22 | 8 才 3 | 20 궁 37 | 21 궁 19 | 21 Υ 21 | 20耳10 | W30 |

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| T 1 | 18 40 14 | 10955'21 | 159914 | 28°R 0 | 8耳15 | 23∏42 | 22) 10 | 11 Mp 52 | 15 ≏ 57 | 19°R21 | 8°R 2 | 20°D36 | 21 궁 16 | 21 Y 28 | 20 Ⅱ 14 | T 1 |
| F 2 | 18 44 10 | 11°52'51 | 28°30 | 289 0 | 9°26 | 24°25 | 22°12 | 11°57 | 15°57 | 19≈20 | 8 ∡ 7 0 | 20 궁 36 | 21°12 | 21°35 | 20°19 | F 2 |
| S 3 | 18 48 7 | 12°50'21 | 12 N 1 | 27°55 | 10°38 | 25° 8 | 22°13 | 12° 2 | 15°58 | 19°19 | 7°59 | 20°37 | 21° 9 | 21°41 | 20°23 | S 3 |
| S 4 | 18 52 3 | 13°47'49 | 25°45 | 27°46 | 11°49 | 25°51 | 22°15 | 12° 7 | 15°58 | 19°17 | 7°58 | 20°37 | 21° 6 | 21°48 | 20°27 | S 4 |
| M 5 | 18 56 0 | 14°45'16 | 9 m y39 | 27°33 | 13° 1 | 26°34 | 22°16 | 12°13 | 15°59 | 19°16 | 7°56 | 20°38 | 21° 3 | 21°55 | 20°31 | M 5 |
| T 6 | 18 59 56 | 15°42'43 | 23°42 | 27°16 | 14°12 | 27°17 | 22°16 | 12°18 | 16° 0 | 19°15 | 7°55 | 20°38 | 21° 0 | 22° 1 | 20°35 | T 6 |
| W 7 | 19 3 53 | 16°40'08 | 7 ≏ 52 | 26°55 | 15°24 | 28° 0 | 22°17 | 12°23 | 16° 1 | 19°14 | 7°54 | 20°39 | 20°57 | 22° 8 | 20°40 | W 7 |
| T 8 | 19 7 49 | 17°37'32 | 22° 6 | 26°31 | 16°35 | 28°43 | 22°18 | 12°29 | 16° 1 | 19°12 | 7°53 | 20°R39 | 20°53 | 22°15 | 20°44 | T 8 |
| F 9 | 19 11 46 | 18°34'55 | 6M21 | 26° 4 | 17°47 | 29°26 | 22°18 | 12°34 | 16° 2 | 19°11 | 7°52 | 20°39 | 20°50 | 22°22 | 20°48 | F 9 |
| S 10 | 19 15 43 | 19°32'18 | 20°36 | 25°34 | 18°59 | 099 9 | 22°R18 | 12°40 | 16° 3 | 19°10 | 7°50 | 20°39 | 20°47 | 22°28 | 20°52 | S 10 |
| S 11 | 19 19 39 | 20°29'40 | 4 ₹ 146 | 25° 2 | 20°10 | 0°52 | 22°18 | 12°45 | 16° 4 | 19°8 | 7°49 | 20°D38 | 20°44 | 22°35 | 20°56 | S 11 |
| M12 | 19 23 36 | 21°27'00 | 18°50 | 24°29 | 21°22 | 1°34 | 22°18 | 12°51 | 16° 5 | 19° 7 | 7°48 | 20°38 | 20°41 | 22°42 | 21° 0 | M12 |
| T 13 | 19 27 32 | 22°24'21 | 2 ප 42 | 23°55 | 22°34 | 2°17 | 22°17 | 12°57 | 16° 6 | 19° 6 | 7°47 | 20°39 | 20°37 | 22°49 | 21° 4 | T 13 |
| W14 | 19 31 29 | 23°21'40 | 16°22 | 23°20 | 23°46 | 2°59 | 22°17 | 13° 3 | 16° 7 | 19° 4 | 7°46 | 20°R39 | 20°34 | 22°55 | 21° 8 | W14 |
| T 15 | 19 35 25 | 24°18'59 | 29°46 | 22°46 | 24°57 | 3°42 | 22°16 | 13° 8 | 16° 9 | 19° 3 | 7°45 | 20°39 | 20°31 | 23° 2 | 21°12 | T 15 |
| F 16 | 19 39 22 | 25°16'18 | 12≈53 | 22°12 | 26° 9 | 4°24 | 22°15 | 13°14 | 16°10 | 19° 1 | 7°44 | 20°38 | 20°28 | 23° 9 | 21°16 | F 16 |
| S 17 | 19 43 18 | 26°13'36 | 25°43 | 21°40 | 27°21 | 5° 7 | 22°14 | 13°20 | 16°11 | 19° 0 | 7°43 | 20°38 | 20°25 | 23°15 | 21°19 | S 17 |
| S 18 | 19 47 15 | 27°10'53 | 8 ∺ 16 | 21°10 | 28°33 | 5°49 | 22°12 | 13°26 | 16°12 | 18°58 | 7°42 | 20°37 | 20°22 | 23°22 | 21°23 | S 18 |
| M19 | 19 51 12 | 28° 8'11 | 20°34 | 20°42 | 29°45 | 6°31 | 22°11 | 13°32 | 16°14 | 18°57 | 7°41 | 20°36 | 20°18 | 23°29 | 21°27 | M19 |
| T 20 | 19 55 8 | 29° 5'28 | 2 Υ 41 | 20°17 | 0957 | 7°13 | 22° 9 | 13°39 | 16°15 | 18°55 | 7°40 | 20°35 | 20°15 | 23°36 | 21°31 | T 20 |
| W21 | 19 59 5 | 0 Ω 2'46 | 14°39 | 19°55 | 2° 9 | 7°56 | 22° 7 | 13°45 | 16°17 | 18°54 | 7°40 | 20°35 | 20°12 | 23°42 | 21°35 | W21 |
| T 22 | 20 3 1 | 1° 0'03 | 26°33 | 19°37 | 3°21 | 8°38 | 22° 5 | 13°51 | 16°18 | 18°52 | 7°39 | 20°D34 | 20° 9 | 23°49 | 21°38 | T 22 |
| F 23 | 20 6 58 | 1°57'21 | 8 8 27 | 19°24 | 4°33 | 9°20 | 22° 2 | 13°57 | 16°20 | 18°51 | 7°38 | 20°34 | 20° 6 | 23°56 | 21°42 | F 23 |
| S 24 | 20 10 54 | 2°54'38 | 20°26 | 19°14 | 5°45 | 10° 2 | 22° 0 | 14° 4 | 16°21 | 18°49 | 7°37 | 20°35 | 20° 3 | 24° 2 | 21°46 | S 24 |
| S 25 | 20 14 51 | 3°51'56 | 2 П 34 | 19°D10 | 6°58 | 10°44 | 21°57 | 14°10 | 16°23 | 18°48 | 7°36 | 20°36 | 19°59 | 24° 9 | 21°49 | S 25 |
| M26 | 20 18 47 | 4°49'13 | 14°56 | 19°10 | 8°10 | 11°26 | 21°54 | 14°17 | 16°25 | 18°46 | 7°36 | 20°37 | 19°56 | 24°16 | 21°53 | M26 |
| T 27 | 20 22 44 | 5°46'31 | 27°34 | 19°15 | 9°22 | 12° 7 | 21°51 | 14°23 | 16°27 | 18°45 | 7°35 | 20°38 | 19°53 | 24°23 | 21°56 | T 27 |
| W28 | 20 26 41 | 6°43'49 | 10932 | 19°24 | 10°34 | 12°49 | 21°48 | 14°30 | 16°28 | 18°43 | 7°34 | 20°39 | 19°50 | 24°29 | 22° 0 | W28 |
| T 29 | 20 30 37 | 7°41'07 | 23°50 | 19°39 | 11°47 | 13°31 | 21°44 | 14°37 | 16°30 | 18°41 | 7°34 | 20°R39 | 19°47 | 24°36 | 22° 3 | T 29 |
| F 30 | 20 34 34 | 8°38'25 | 7 Ω 28 | 19°59 | 12°59 | 14°13 | 21°41 | 14°43 | 16°32 | 18°40 | 7°33 | 20°38 | 19°43 | 24°43 | 22° 7 | F 30 |
| S 31 | 20 38 30 | 9 Ω 35'43 | 21 \O 25 | 20925 | 149612 | 149554 | 21) 37 | 14 M 50 | 16 ≏ 34 | 18 ≈ 38 | 7 , ₹33 | 20 궁 37 | 19 る 40 | 24 Υ 50 | 22 Ⅱ 10 | S 31 |

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|------|----------|------------------|----------------|-----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------|
| S 1 | 20 42 27 | 10Ω33'01 | 5 m)36 | 20955 | 159524 | 15936 | 21°R33 | 14 m 57 | 16 ₽ 36 | 18°R37 | 7°R32 | 20°R35 | 19 궁 37 | 24 Y 56 | 22 I I13 | S 1 |
| M 2 | 20 46 23 | 11°30'19 | 19°57 | 21°30 | 16°36 | 16°17 | 21 米 29 | 15° 3 | 16°38 | 18≈35 | 7 . ₹32 | 20 궁 32 | 19°34 | 25° 3 | 22°17 | M 2 |
| T 3 | 20 50 20 | 12°27'37 | 4 ≏ 23 | 22°11 | 17°49 | 16°59 | 21°24 | 15°10 | 16°40 | 18°33 | 7°31 | 20°29 | 19°31 | 25°10 | 22°20 | T 3 |
| W 4 | 20 54 16 | 13°24'54 | 18°48 | 22°56 | 19° 1 | 17°40 | 21°20 | 15°17 | 16°42 | 18°32 | 7°31 | 20°27 | 19°28 | 25°16 | 22°23 | W 4 |
| T 5 | 20 58 13 | 14°22'12 | 3 ™ 9 | 23°46 | 20°14 | 18°21 | 21°15 | 15°24 | 16°45 | 18°30 | 7°30 | 20°26 | 19°24 | 25°23 | 22°26 | T 5 |
| F 6 | 21 2 10 | 15°19'29 | 17°22 | 24°42 | 21°26 | 19° 3 | 21°10 | 15°31 | 16°47 | 18°29 | 7°30 | 20°D25 | 19°21 | 25°30 | 22°30 | F 6 |
| S 7 | 21 6 6 | 16°16'46 | 1 ₹ 25 | 25°42 | 22°39 | 19°44 | 21° 5 | 15°38 | 16°49 | 18°27 | 7°30 | 20°26 | 19°18 | 25°37 | 22°33 | S 7 |
| S 8 | 21 10 3 | 17°14'04 | 15°16 | 26°47 | 23°52 | 20°25 | 21° 0 | 15°45 | 16°51 | 18°25 | 7°29 | 20°27 | 19°15 | 25°43 | 22°36 | S 8 |
| M 9 | 21 13 59 | 18°11'21 | 28°55 | 27°56 | 25° 4 | 21° 6 | 20°55 | 15°52 | 16°54 | 18°24 | 7°29 | 20°29 | 19°12 | 25°50 | 22°39 | M 9 |
| T 10 | 21 17 56 | 19° 8'39 | 12 る 22 | 29°11 | 26°17 | 21°47 | 20°49 | 15°59 | 16°56 | 18°22 | 7°29 | 20°30 | 19° 9 | 25°57 | 22°42 | T 10 |
| W11 | 21 21 52 | 20° 5'56 | 25°37 | 0 Ω 29 | 27°30 | 22°28 | 20°44 | 16° 7 | 16°59 | 18°21 | 7°29 | 20°R30 | 19° 5 | 26° 4 | 22°45 | W11 |
| T 12 | 21 25 49 | 21° 3'14 | 8 ≈ 38 | 1°53 | 28°43 | 23° 9 | 20°38 | 16°14 | 17° 1 | 18°19 | 7°28 | 20°29 | 19° 2 | 26°10 | 22°47 | T 12 |
| F 13 | 21 29 46 | 22° 0'32 | 21°27 | 3°20 | 29°55 | 23°50 | 20°32 | 16°21 | 17° 3 | 18°17 | 7°28 | 20°26 | 18°59 | 26°17 | 22°50 | F 13 |
| S 14 | 21 33 42 | 22°57'51 | 4) 4 | 4°52 | 1 0 8 | 24°31 | 20°26 | 16°28 | 17° 6 | 18°16 | 7°28 | 20°22 | 18°56 | 26°24 | 22°53 | S 14 |
| S 15 | 21 37 39 | 23°55'10 | 16°28 | 6°28 | 2°21 | 25°11 | 20°20 | 16°35 | 17° 9 | 18°14 | 7°28 | 20°16 | 18°53 | 26°30 | 22°56 | S 15 |
| M16 | 21 41 35 | 24°52'29 | 28°41 | 8° 8 | 3°34 | 25°52 | 20°14 | 16°43 | 17°11 | 18°12 | 7°28 | 20°10 | 18°49 | 26°37 | 22°58 | M16 |
| T 17 | 21 45 32 | 25°49'50 | 10 Y 45 | 9°51 | 4°47 | 26°33 | 20° 7 | 16°50 | 17°14 | 18°11 | 7°D28 | 20° 4 | 18°46 | 26°44 | 23° 1 | T 17 |
| W18 | 21 49 28 | 26°47'11 | 22°42 | 11°38 | 6° 0 | 27°13 | 20° 1 | 16°57 | 17°17 | 18° 9 | 7°28 | 19°59 | 18°43 | 26°51 | 23° 3 | W18 |
| T 19 | 21 53 25 | 27°44'32 | 4834 | 13°28 | 7°13 | 27°54 | 19°54 | 17° 5 | 17°19 | 18° 8 | 7°28 | 19°55 | 18°40 | 26°57 | 23° 6 | T 19 |
| F 20 | 21 57 21 | 28°41'55 | 16°27 | 15°22 | 8°26 | 28°34 | 19°47 | 17°12 | 17°22 | 18° 6 | 7°28 | 19°53 | 18°37 | 27° 4 | 23° 8 | F 20 |
| S 21 | 22 1 18 | 29°39'19 | 28°25 | 17°18 | 9°39 | 29°15 | 19°40 | 17°20 | 17°25 | 18° 4 | 7°28 | 19°D52 | 18°34 | 27°11 | 23°11 | S 21 |
| S 22 | 22 5 14 | 0 m 36'43 | 10 Ⅲ 31 | 19°16 | 10°52 | 29°55 | 19°34 | 17°27 | 17°28 | 18° 3 | 7°29 | 19°52 | 18°30 | 27°17 | 23°13 | S 22 |
| M23 | 22 9 11 | 1°34'09 | 22°52 | 21°16 | 12° 5 | 0 Ω 36 | 19°27 | 17°34 | 17°31 | 18° 1 | 7°29 | 19°53 | 18°27 | 27°24 | 23°15 | M23 |
| T 24 | 22 13 8 | 2°31'36 | 5 9 31 | 23°18 | 13°18 | 1°16 | 19°19 | 17°42 | 17°34 | 18° 0 | 7°29 | 19°55 | 18°24 | 27°31 | 23°18 | T 24 |
| W25 | 22 17 4 | 3°29'03 | 18°33 | 25°21 | 14°32 | 1°56 | 19°12 | 17°49 | 17°36 | 17°58 | 7°29 | 19°R56 | 18°21 | 27°38 | 23°20 | W25 |
| T 26 | 22 21 1 | 4°26'32 | 2Ω 0 | 27°25 | 15°45 | 2°36 | 19° 5 | 17°57 | 17°39 | 17°57 | 7°30 | 19°55 | 18°18 | 27°44 | 23°22 | T 26 |
| F 27 | 22 24 57 | 5°24'02 | 15°52 | 29°29 | 16°58 | 3°16 | 18°57 | 18° 5 | 17°42 | 17°55 | 7°30 | 19°52 | 18°14 | 27°51 | 23°24 | F 27 |
| S 28 | 22 28 54 | 6°21'32 | 0 m) 8 | 1 m) 34 | 18°12 | 3°56 | 18°50 | 18°12 | 17°45 | 17°54 | 7°30 | 19°48 | 18°11 | 27°58 | 23°26 | S 28 |
| S 29 | 22 32 50 | 7°19'03 | 14°44 | 3°39 | 19°25 | 4°36 | 18°42 | 18°20 | 17°49 | 17°52 | 7°31 | 19°42 | 18° 8 | 28° 5 | 23°28 | S 29 |
| M30 | 22 36 47 | 8°16'36 | 29°31 | 5°44 | 20°38 | 5°16 | 18°35 | 18°27 | 17°52 | 17°51 | 7°31 | 1 <u>9</u> °34 | 1 <u>8</u> ° 5 | 28°11 | 23°30 | M30 |
| T 31 | 22 40 43 | 9 m 14'09 | 14 ≏ 23 | 7 M)48 | 21 \O 52 | 5 Ω 56 | 18 ∺ 27 | 18 m 35 | 17 ≏ 55 | 17 ≈ 49 | 7 , ₹32 | 19 궁 27 | 18 궁 2 | 28 Y 18 | 23 Ⅱ 32 | T 31 |

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|------|----------|------------------|-----------------|---------------|----------------|----------------|----------------|-----------------|----------------|----------------|---------------|-----------------|----------------|----------------|----------------|------|
| W 1 | 22 44 40 | 10 Mp 11'42 | 29 ₽ 11 | 9 m 52 | 23 N 5 | 6 Ω 36 | 18°R20 | 18 M)42 | 17 ≏ 58 | 17°R48 | 7 ₹ 32 | 19°R21 | 17 궁 59 | 28 Y 25 | 23 Ⅲ 34 | W 1 |
| T 2 | 22 48 37 | 11° 9'17 | 13 M .47 | 11°54 | 24°19 | 7°16 | 18 ∺ 12 | 18°50 | 18° 1 | 17 ≈ 46 | 7°33 | 19 궁 16 | 17°55 | 28°31 | 23°35 | T 2 |
| F 3 | 22 52 33 | 12° 6'52 | 28° 7 | 13°56 | 25°32 | 7°55 | 18° 4 | 18°58 | 18° 4 | 17°45 | 7°33 | 19°13 | 17°52 | 28°38 | 23°37 | F 3 |
| S 4 | 22 56 30 | 13° 4'29 | 12 × 9 | 15°57 | 26°46 | 8°35 | 17°56 | 19° 5 | 18° 8 | 17°43 | 7°34 | 19°D12 | 17°49 | 28°45 | 23°39 | S 4 |
| S 5 | 23 0 26 | 14° 2'05 | 25°51 | 17°56 | 27°59 | 9°15 | 17°48 | 19°13 | 18°11 | 17°42 | 7°35 | 19°13 | 17°46 | 28°52 | 23°40 | S 5 |
| M 6 | 23 4 23 | 14°59'43 | 9 ට 16 | 19°54 | 29°13 | 9°54 | 17°41 | 19°21 | 18°14 | 17°40 | 7°35 | 19°14 | 17°43 | 28°58 | 23°42 | M 6 |
| T 7 | 23 8 19 | 15°57'22 | 22°24 | 21°51 | 0 m 27 | 10°34 | 17°33 | 19°28 | 18°17 | 17°39 | 7°36 | 19°R14 | 17°40 | 29° 5 | 23°43 | T 7 |
| W 8 | 23 12 16 | 16°55'01 | 5≈18 | 23°46 | 1°40 | 11°13 | 17°25 | 19°36 | 18°21 | 17°38 | 7°37 | 19°13 | 17°36 | 29°12 | 23°44 | W 8 |
| T 9 | 23 16 12 | 17°52'42 | 18° 0 | 25°41 | 2°54 | 11°52 | 17°17 | 19°44 | 18°24 | 17°36 | 7°37 | 19° 9 | 17°33 | 29°18 | 23°46 | T 9 |
| F 10 | 23 20 9 | 18°50'23 | 0 ∺ 31 | 27°33 | 4° 8 | 12°32 | 17° 9 | 19°51 | 18°28 | 17°35 | 7°38 | 19° 3 | 17°30 | 29°25 | 23°47 | F 10 |
| S 11 | 23 24 6 | 19°48'05 | 12°53 | 29°24 | 5°21 | 13°11 | 17° 1 | 19°59 | 18°31 | 17°34 | 7°39 | 18°54 | 17°27 | 29°32 | 23°48 | S 11 |
| S 12 | 23 28 2 | 20°45'49 | 25° 6 | 1 ≏ 14 | 6°35 | 13°50 | 16°53 | 20° 7 | 18°34 | 17°32 | 7°40 | 18°44 | 17°24 | 29°39 | 23°49 | S 12 |
| M13 | 23 31 59 | 21°43'34 | 7 Υ 12 | 3° 3 | 7°49 | 14°29 | 16°46 | 20°14 | 18°38 | 17°31 | 7°41 | 18°33 | 17°20 | 29°45 | 23°50 | M13 |
| T 14 | 23 35 55 | 22°41'20 | 19°10 | 4°50 | 9° 3 | 15° 8 | 16°38 | 20°22 | 18°41 | 17°30 | 7°42 | 18°21 | 17°17 | 29°52 | 23°51 | T 14 |
| W15 | 23 39 52 | 23°39'08 | 18 4 | 6°35 | 10°17 | 15°47 | 16°30 | 20°30 | 18°45 | 17°29 | 7°43 | 18°10 | 17°14 | 29°59 | 23°52 | W15 |
| T 16 | 23 43 48 | 24°36'57 | 12°55 | 8°20 | 11°31 | 16°26 | 16°22 | 20°37 | 18°48 | 17°27 | 7°44 | 18° 1 | 17°11 | 0 8 5 | 23°53 | T 16 |
| F 17 | 23 47 45 | 25°34'48 | 24°47 | 10° 3 | 12°45 | 17° 5 | 16°15 | 20°45 | 18°52 | 17°26 | 7°45 | 17°54 | 17° 8 | 0°12 | 23°54 | F 17 |
| S 18 | 23 51 41 | 26°32'41 | 6 Ⅱ 42 | 11°44 | 13°59 | 17°44 | 16° 7 | 20°53 | 18°55 | 17°25 | 7°46 | 17°50 | 17° 5 | 0°19 | 23°55 | S 18 |
| S 19 | 23 55 38 | 27°30'35 | 18°46 | 13°24 | 15°13 | 18°23 | 15°59 | 21° 0 | 18°59 | 17°24 | 7°47 | 17°48 | 17° 1 | 0°26 | 23°55 | S 19 |
| M20 | 23 59 35 | 28°28'31 | 195 4 | 15° 3 | 16°27 | 19° 1 | 15°52 | 21° 8 | 19° 3 | 17°23 | 7°48 | 17°D48 | 16°58 | 0°32 | 23°56 | M20 |
| T 21 | 0 3 31 | 29°26'29 | 13°39 | 16°41 | 17°41 | 19°40 | 15°44 | 21°16 | 19° 6 | 17°22 | 7°49 | 17°R48 | 16°55 | 0°39 | 23°56 | T 21 |
| W22 | 0 7 28 | 0 ჲ 24'28 | 26°38 | 18°17 | 18°55 | 20°19 | 15°37 | 21°23 | 19°10 | 17°21 | 7°50 | 17°48 | 16°52 | 0°46 | 23°57 | W22 |
| T 23 | 0 11 24 | 1°22'30 | 10Ω 5 | 19°52 | 20° 9 | 20°57 | 15°30 | 21°31 | 19°13 | 17°19 | 7°52 | 17°46 | 16°49 | 0°52 | 23°57 | T 23 |
| F 24 | 0 15 21 | 2°20'32 | 24° 0 | 21°26 | 21°23 | 21°36 | 15°22 | 21°38 | 19°17 | 17°18 | 7°53 | 17°42 | 16°46 | 0°59 | 23°58 | F 24 |
| S 25 | 0 19 17 | 3°18'37 | 8 Mp 24 | 22°59 | 22°37 | 22°14 | 15°15 | 21°46 | 19°21 | 17°17 | 7°54 | 17°36 | 16°42 | 1° 6 | 23°58 | S 25 |
| S 26 | 0 23 14 | 4°16'43 | 23°12 | 24°30 | 23°51 | 22°53 | 15° 8 | 21°54 | 19°24 | 17°16 | 7°56 | 17°27 | 16°39 | 1°13 | 23°58 | S 26 |
| M27 | 0 27 10 | 5°14'51 | 8 ≏ 17 | 26° 0 | 25° 6 | 23°31 | 15° 1 | 22° 1 | 19°28 | 17°15 | 7°57 | 17°16 | 16°36 | 1°19 | 23°58 | M27 |
| T 28 | 0 31 7 | 6°13'00 | 23°30 | 27°29 | 26°20 | 24° 9 | 14°54 | 22° 9 | 19°32 | 17°15 | 7°58 | 17° 5 | 16°33 | 1°26 | 23°58 | T 28 |
| W29 | 0 35 3 | 7°11'11 | 8M38 | 28°56 | 27°34 | 24°47 | 14°48 | 22°16 | 19°36 | 17°14 | 8° 0 | 16°55 | 16°30 | 1°33 | 23°R58 | W29 |
| T 30 | 0 39 0 | 8 º 9'24 | 23 M 33 | 0 M 23 | 28 m 49 | 25 Ω 26 | 14 米 41 | 22 Mp 24 | 19 ≙ 39 | 17≈13 | 8 才 1 | 16 පි 48 | 16 ට 26 | 1840 | 23耳58 | T 30 |

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| F 1 | 0 42 57 | 9 ₽ 7'38 | 8 7 8 | 1 M 47 | <u>0</u> ගු | 26Ω 4 | 14°R35 | 22 m 31 | 19 ≏ 43 | 17°R12 | 8 ∡ 7 3 | 16°R43 | 16 궁 23 | 1 8 46 | 23°R58 | F 1 |
| S 2 | 0 46 53 | 10° 5'53 | 22°17 | 3°11 | 1°17 | 26°42 | 14 ∺ 28 | 22°39 | 19°47 | 17≈11 | 8° 4 | 16 පි 40 | 16°20 | 1°53 | 23 Ⅱ 58 | S 2 |
| S 3 | 0 50 50 | 11° 4'10 | 6 ප 2 | 4°33 | 2°32 | 27°20 | 14°22 | 22°46 | 19°51 | 17°10 | 8° 6 | 16°39 | 16°17 | 2° 0 | 23°58 | S 3 |
| M 4 | 0 54 46 | 12° 2'28 | 19°22 | 5°54 | 3°46 | 27°58 | 14°16 | 22°53 | 19°54 | 17° 9 | 8° 7 | 16°39 | 16°14 | 2° 6 | 23°57 | M 4 |
| T 5 | 0 58 43 | 13° 0'48 | 2≈22 | 7°13 | 5° 0 | 28°35 | 14°10 | 23° 1 | 19°58 | 17° 9 | 8° 9 | 16°39 | 16°11 | 2°13 | 23°57 | T 5 |
| W 6 | 1 2 39 | 13°59'09 | 15° 5 | 8°31 | 6°15 | 29°13 | 14° 4 | 23° 8 | 20° 2 | 17° 8 | 8°10 | 16°36 | 16° 7 | 2°20 | 23°56 | W 6 |
| T 7 | 1 6 36 | 14°57'31 | 27°33 | 9°48 | 7°29 | 29°51 | 13°58 | 23°15 | 20° 6 | 17° 7 | 8°12 | 16°32 | 16° 4 | 2°27 | 23°56 | T 7 |
| F 8 | 1 10 32 | 15°55'55 | 9)(51 | 11° 3 | 8°44 | 0 m 28 | 13°53 | 23°23 | 20° 9 | 17° 7 | 8°14 | 16°24 | 16° 1 | 2°33 | 23°55 | F 8 |
| S 9 | 1 14 29 | 16°54'21 | 22° 0 | 12°16 | 9°58 | 1° 6 | 13°47 | 23°30 | 20°13 | 17° 6 | 8°15 | 16°14 | 15°58 | 2°40 | 23°55 | S 9 |
| S 10 | 1 18 26 | 17°52'48 | 4Υ 3 | 13°27 | 11°13 | 1°44 | 13°42 | 23°37 | 20°17 | 17° 5 | 8°17 | 16° 1 | 15°55 | 2°47 | 23°54 | S 10 |
| M11 | 1 22 22 | 18°51'17 | 16° 1 | 14°37 | 12°27 | 2°21 | 13°37 | 23°44 | 20°21 | 17° 5 | 8°19 | 15°47 | 15°51 | 2°53 | 23°53 | M11 |
| T 12 | 1 26 19 | 19°49'48 | 27°56 | 15°44 | 13°42 | 2°58 | 13°32 | 23°52 | 20°24 | 17° 4 | 8°20 | 15°33 | 15°48 | 3° 0 | 23°52 | T 12 |
| W13 | 1 30 15 | 20°48'21 | 9 8 48 | 16°50 | 14°56 | 3°36 | 13°27 | 23°59 | 20°28 | 17° 4 | 8°22 | 15°20 | 15°45 | 3° 7 | 23°51 | W13 |
| T 14 | 1 34 12 | 21°46'55 | 21°39 | 17°53 | 16°11 | 4°13 | 13°22 | 24° 6 | 20°32 | 17° 3 | 8°24 | 15° 8 | 15°42 | 3°14 | 23°50 | T 14 |
| F 15 | 1 38 8 | 22°45'32 | 3 Ⅱ 31 | 18°54 | 17°25 | 4°50 | 13°18 | 24°13 | 20°36 | 17° 3 | 8°26 | 15° 0 | 15°39 | 3°20 | 23°49 | F 15 |
| S 16 | 1 42 5 | 23°44'11 | 15°28 | 19°53 | 18°40 | 5°27 | 13°14 | 24°20 | 20°40 | 17° 3 | 8°28 | 14°54 | 15°36 | 3°27 | 23°48 | S 16 |
| S 17 | 1 46 1 | 24°42'52 | 27°32 | 20°49 | 19°55 | 6° 4 | 13°10 | 24°27 | 20°43 | 17° 2 | 8°29 | 14°51 | 15°32 | 3°34 | 23°47 | S 17 |
| M18 | 1 49 58 | 25°41'35 | 99549 | 21°42 | 21° 9 | 6°41 | 13° 6 | 24°34 | 20°47 | 17° 2 | 8°31 | 14°D50 | 15°29 | 3°40 | 23°46 | M18 |
| T 19 | 1 53 55 | 26°40'20 | 22°21 | 22°31 | 22°24 | 7°18 | 13° 2 | 24°41 | 20°51 | 17° 1 | 8°33 | 14°R50 | 15°26 | 3°47 | 23°45 | T 19 |
| W20 | 1 57 51 | 27°39'07 | 5 Ω 16 | 23°18 | 23°39 | 7°55 | 12°58 | 24°48 | 20°55 | 17° 1 | 8°35 | 14°50 | 15°23 | 3°54 | 23°43 | W20 |
| T 21 | 2 1 48 | 28°37'56 | 18°35 | 24° 0 | 24°54 | 8°32 | 12°55 | 24°55 | 20°58 | 17° 1 | 8°37 | 14°48 | 15°20 | 4° 1 | 23°42 | T 21 |
| F 22 | 2 5 44 | 29°36'48 | 2 Mp 24 | 24°39 | 26° 8 | 9° 9 | 12°52 | 25° 1 | 21° 2 | 17° 1 | 8°39 | 14°45 | 15°17 | 4° 7 | 23°40 | F 22 |
| S 23 | 2 9 41 | 0 M .35'42 | 16°42 | 25°13 | 27°23 | 9°45 | 12°49 | 25° 8 | 21° 6 | 17° 1 | 8°41 | 14°39 | 15°13 | 4°14 | 23°39 | S 23 |
| S 24 | 2 13 37 | 1°34'38 | 1 <u>₽</u> 28 | 25°43 | 28°38 | 10°22 | 12°46 | 25°15 | 21°10 | 17° 0 | 8°43 | 14°30 | 15°10 | 4°21 | 23°37 | S 24 |
| M25 | 2 17 34 | 2°33'35 | 16°34 | 26° 7 | 29°53 | 10°58 | 12°43 | 25°22 | 21°13 | 17° 0 | 8°45 | 14°20 | 15° 7 | 4°27 | 23°36 | M25 |
| T 26 | 2 21 30 | 3°32'36 | 1 M .53 | 26°26 | 1 m 7 | 11°35 | 12°41 | 25°28 | 21°17 | 17° 0 | 8°47 | 14°10 | 15° 4 | 4°34 | 23°34 | T 26 |
| W27 | 2 25 27 | 4°31'38 | 17°12 | 26°39 | 2°22 | 12°11 | 12°39 | 25°35 | 21°21 | 17° 0 | 8°49 | 14° 0 | 15° 1 | 4°41 | 23°32 | W27 |
| T 28 | 2 29 24 | 5°30'42 | 2 ₹ 20 | 26°R46 | 3°37 | 12°48 | 12°36 | 25°41 | 21°25 | 17°D 0 | 8°51 | 13°52 | 14°57 | 4°48 | 23°30 | T 28 |
| F 29 | 2 33 20 | 6°29'47 | 17° 7 | 26°45 | 4°52 | 13°24 | 12°35 | 25°48 | 21°28 | 17° 0 | 8°53 | 13°47 | 14°54 | 4°54 | 23°28 | F 29 |
| S 30 | 2 37 17 | 7°28'55 | 1 る 29 | 26°37 | 6° 7 | 14° 0 | 12°33 | 25°54 | 21°32 | 17° 0 | 8°56 | 13°45 | 14°51 | 5° 1 | 23°26 | S 30 |
| S 31 | 2 41 13 | 8M28'04 | 15 る 23 | 26M22 | 7 M 22 | 14 M 36 | 12) 32 | 26Mp 1 | 21 ≏ 36 | 17≈ 0 | 8 ₮ 58 | 13°D44 | 14 궁 48 | 5 8 8 | 23Ⅲ25 | S 31 |

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| M 1 | 2 45 10 | 9 M 27'15 | 28 궁 49 | 25°R58 | 8 M .36 | 15 Mp 12 | 12°R30 | 26Mp 7 | 21 ≙ 39 | 17≈ 0 | 9 .₹ 0 | 13 る 45 | 14 궁 45 | 5 8 14 | 23°R22 | M 1 |
| T 2 | 2 49 6 | 10°26'28 | 11≈50 | 25M26 | 9°51 | 15°48 | 12 米 29 | 26°13 | 21°43 | 17° 0 | 9° 2 | 13°R45 | 14°42 | 5°21 | 23 II 20 | T 2 |
| W 3 | 2 53 3 | 11°25'42 | 24°30 | 24°47 | 11° 6 | 16°24 | 12°28 | 26°19 | 21°47 | 17° 1 | 9° 4 | 13°44 | 14°38 | 5°28 | 23°18 | W 3 |
| T 4 | 2 56 59 | 12°24'58 | 6 ¥ 53 | 23°59 | 12°21 | 17° 0 | 12°28 | 26°25 | 21°50 | 17° 1 | 9° 6 | 13°41 | 14°35 | 5°35 | 23°16 | T 4 |
| F 5 | 3 0 56 | 13°24'15 | 19° 4 | 23° 3 | 13°36 | 17°35 | 12°27 | 26°31 | 21°54 | 17° 1 | 9° 9 | 13°36 | 14°32 | 5°41 | 23°14 | F 5 |
| S 6 | 3 4 53 | 14°23'35 | 1 Υ 6 | 22° 2 | 14°51 | 18°11 | 12°27 | 26°37 | 21°57 | 17° 1 | 9°11 | 13°28 | 14°29 | 5°48 | 23°11 | S 6 |
| S 7 | 3 8 49 | 15°22'56 | 13° 3 | 20°54 | 16° 6 | 18°46 | 12°D27 | 26°43 | 22° 1 | 17° 2 | 9°13 | 13°18 | 14°26 | 5°55 | 23° 9 | S 7 |
| M 8 | 3 12 46 | 16°22'18 | 24°56 | 19°43 | 17°21 | 19°22 | 12°27 | 26°49 | 22° 4 | 17° 2 | 9°15 | 13° 7 | 14°23 | 6° 1 | 23° 7 | M 8 |
| T 9 | 3 16 42 | 17°21'43 | 6 8 48 | 18°30 | 18°36 | 19°57 | 12°27 | 26°55 | 22° 8 | 17° 2 | 9°18 | 12°56 | 14°19 | 6° 8 | 23° 4 | T 9 |
| W10 | 3 20 39 | 18°21'10 | 18°41 | 17°16 | 19°51 | 20°33 | 12°28 | 27° 1 | 22°12 | 17° 3 | 9°20 | 12°46 | 14°16 | 6°15 | 23° 2 | W10 |
| T 11 | 3 24 35 | 19°20'39 | 0Д35 | 16° 4 | 21° 6 | 21° 8 | 12°29 | 27° 7 | 22°15 | 17° 3 | 9°22 | 12°37 | 14°13 | 6°22 | 22°59 | T 11 |
| F 12 | 3 28 32 | 20°20'09 | 12°33 | 14°57 | 22°21 | 21°43 | 12°30 | 27°12 | 22°18 | 17° 4 | 9°24 | 12°30 | 14°10 | 6°28 | 22°57 | F 12 |
| S 13 | 3 32 28 | 21°19'42 | 24°37 | 13°56 | 23°36 | 22°18 | 12°31 | 27°18 | 22°22 | 17° 4 | 9°27 | 12°26 | 14° 7 | 6°35 | 22°54 | S 13 |
| S 14 | 3 36 25 | 22°19'17 | 69548 | 13° 2 | 24°51 | 22°53 | 12°32 | 27°23 | 22°25 | 17° 5 | 9°29 | 12°D24 | 14° 3 | 6°42 | 22°51 | S 14 |
| M15 | 3 40 22 | 23°18'54 | 19°10 | 12°19 | 26° 6 | 23°28 | 12°34 | 27°29 | 22°29 | 17° 5 | 9°31 | 12°24 | 14° 0 | 6°48 | 22°49 | M15 |
| T 16 | 3 44 18 | 24°18'33 | 1 Ω 46 | 11°45 | 27°21 | 24° 3 | 12°35 | 27°34 | 22°32 | 17° 6 | 9°34 | 12°25 | 13°57 | 6°55 | 22°46 | T 16 |
| W17 | 3 48 15 | 25°18'14 | 14°40 | 11°23 | 28°36 | 24°37 | 12°37 | 27°39 | 22°35 | 17° 7 | 9°36 | 12°27 | 13°54 | 7° 2 | 22°43 | W17 |
| T 18 | 3 52 11 | 26°17'58 | 27°55 | 11°D12 | 29°51 | 25°12 | 12°40 | 27°44 | 22°39 | 17° 7 | 9°39 | 12°R27 | 13°51 | 7° 9 | 22°40 | T 18 |
| F 19 | 3 56 8 | 27°17'43 | 11 m 35 | 11°13 | 1 ∡ 6 | 25°46 | 12°42 | 27°50 | 22°42 | 17° 8 | 9°41 | 12°26 | 13°48 | 7°15 | 22°37 | F 19 |
| S 20 | 4 0 4 | 28°17'31 | 25°40 | 11°24 | 2°21 | 26°21 | 12°44 | 27°55 | 22°45 | 17° 9 | 9°43 | 12°23 | 13°44 | 7°22 | 22°34 | S 20 |
| S 21 | 4 4 1 | 29°17'21 | 10 ≏ 11 | 11°46 | 3°36 | 26°55 | 12°47 | 28° 0 | 22°49 | 17°10 | 9°46 | 12°19 | 13°41 | 7°29 | 22°31 | S 21 |
| M22 | 4 7 57 | 0 ₮ 17'13 | 25° 3 | 12°18 | 4°51 | 27°29 | 12°50 | 28° 4 | 22°52 | 17°10 | 9°48 | 12°13 | 13°38 | 7°35 | 22°28 | M22 |
| T 23 | 4 11 54 | 1°17'07 | 10 M 9 | 12°58 | 6° 6 | 28° 4 | 12°53 | 28° 9 | 22°55 | 17°11 | 9°50 | 12° 6 | 13°35 | 7°42 | 22°25 | T 23 |
| W24 | 4 15 51 | 2°17'03 | 25°20 | 13°47 | 7°21 | 28°38 | 12°56 | 28°14 | 22°58 | 17°12 | 9°53 | 12° 0 | 13°32 | 7°49 | 22°22 | W24 |
| T 25 | 4 19 47 | 3°17'01 | 10 ₹ 26 | 14°43 | 8°36 | 29°12 | 13° 0 | 28°19 | 23° 1 | 17°13 | 9°55 | 11°56 | 13°29 | 7°56 | 22°19 | T 25 |
| F 26 | 4 23 44 | 4°17'01 | 2 <u>5</u> °17 | 15°45 | 9°51 | 29°45 | 13° 4 | 28°23 | 23° 4 | 17°14 | 9°58 | 11°53 | 13°25 | 8° 2 | 22°16 | F 26 |
| S 27 | 4 27 40 | 5°17'02 | 9 궁 46 | 16°52 | 11° 6 | 0 ₾ 19 | 13° 8 | 28°28 | 23° 7 | 17°15 | 10° 0 | 11°D52 | 13°22 | 8° 9 | 22°13 | S 27 |
| S 28 | 4 31 37 | 6°17'06 | 23°48 | 18° 4 | 12°21 | 0°53 | 13°12 | 28°32 | 23°10 | 17°16 | 10° 2 | 11°52 | 13°19 | 8°16 | 22°10 | S 28 |
| M29 | 4 35 33 | 7°17'10 | 7≈23 | 19°21 | 13°37 | 1°26 | 13°16 | 28°36 | 23°13 | 17°17 | 10° 5 | 1 <u>1°</u> 53 | 1 <u>3</u> °16 | 8°22 | 22° 7 | M29 |
| T 30 | 4 39 30 | 8 ∡ 17'16 | 20≈31 | 20 M 40 | 14 ×7 52 | 2 ₾ 0 | 13 ∺ 20 | 28 m 41 | 23 ≏ 16 | 17≈18 | 10 才 7 | 11 る 55 | 13 る 13 | 8 8 29 | 22 II 4 | T 30 |

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|------|---------|-------------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|------|
| W 1 | 4 43 26 | 9 .7 17'24 | 3 米 15 | 22M 3 | 16 √ 7 | 2 ॒ 33 | 13 米 25 | 28 m 45 | 23 ≙ 19 | 17≈19 | 10 × 10 | 11 る 56 | 13 る 9 | 8 8 36 | 22°R 1 | W 1 |
| T 2 | 4 47 23 | 10°17'33 | 15°41 | 23°28 | 17°22 | 3° 6 | 13°30 | 28°49 | 23°22 | 17°20 | 10°12 | 11°R56 | 13° 6 | 8°42 | 21耳57 | T 2 |
| F 3 | 4 51 20 | 11°17'43 | 27°51 | 24°56 | 18°37 | 3°39 | 13°35 | 28°53 | 23°25 | 17°21 | 10°15 | 11°55 | 13° 3 | 8°49 | 21°54 | F 3 |
| S 4 | 4 55 16 | 12°17'55 | 9 Υ 51 | 26°24 | 19°52 | 4°12 | 13°40 | 28°57 | 23°28 | 17°22 | 10°17 | 11°52 | 13° 0 | 8°56 | 21°51 | S 4 |
| S 5 | 4 59 13 | 13°18'08 | 21°45 | 27°55 | 21° 7 | 4°45 | 13°45 | 29° 0 | 23°31 | 17°24 | 10°19 | 11°48 | 12°57 | 9° 3 | 21°48 | S 5 |
| M 6 | 5 3 9 | 14°18'23 | 3 8 36 | 29°26 | 22°22 | 5°18 | 13°51 | 29° 4 | 23°33 | 17°25 | 10°22 | 11°43 | 12°54 | 9° 9 | 21°44 | M 6 |
| T 7 | 5 7 6 | 15°18'39 | 15°28 | 0 才 59 | 23°38 | 5°50 | 13°56 | 29° 8 | 23°36 | 17°26 | 10°24 | 11°38 | 12°50 | 9°16 | 21°41 | T 7 |
| W 8 | 5 11 2 | 16°18'57 | 27°24 | 2°32 | 24°53 | 6°23 | 14° 2 | 29°11 | 23°39 | 17°27 | 10°27 | 11°34 | 12°47 | 9°23 | 21°38 | W 8 |
| T 9 | 5 14 59 | 17°19'16 | 9∏24 | 4° 5 | 26° 8 | 6°55 | 14° 8 | 29°14 | 23°41 | 17°29 | 10°29 | 11°30 | 12°44 | 9°29 | 21°34 | T 9 |
| F 10 | 5 18 55 | 18°19'37 | 21°32 | 5°39 | 27°23 | 7°27 | 14°14 | 29°18 | 23°44 | 17°30 | 10°31 | 11°28 | 12°41 | 9°36 | 21°31 | F 10 |
| S 11 | 5 22 52 | 19°19'59 | 39548 | 7°14 | 28°38 | 8° 0 | 14°21 | 29°21 | 23°46 | 17°32 | 10°34 | 11°26 | 12°38 | 9°43 | 21°28 | S 11 |
| S 12 | 5 26 49 | 20°20'23 | 16°13 | 8°48 | 29°53 | 8°32 | 14°27 | 29°24 | 23°49 | 17°33 | 10°36 | 11°D26 | 12°35 | 9°50 | 21°24 | S 12 |
| M13 | 5 30 45 | 21°20'49 | 28°50 | 10°23 | 1る8 | 9° 3 | 14°34 | 29°27 | 23°51 | 17°34 | 10°39 | 11°27 | 12°31 | 9°56 | 21°21 | M13 |
| T 14 | 5 34 42 | 22°21'16 | 11 Ω 40 | 11°58 | 2°24 | 9°35 | 14°41 | 29°30 | 23°54 | 17°36 | 10°41 | 11°28 | 12°28 | 10° 3 | 21°18 | T 14 |
| W15 | 5 38 38 | 23°21'45 | 24°44 | 13°33 | 3°39 | 10° 7 | 14°48 | 29°33 | 23°56 | 17°37 | 10°43 | 11°30 | 12°25 | 10°10 | 21°14 | W15 |
| T 16 | 5 42 35 | 24°22'16 | 8Mp 4 | 15° 7 | 4°54 | 10°38 | 14°55 | 29°35 | 23°59 | 17°39 | 10°46 | 11°31 | 12°22 | 10°16 | 21°11 | T 16 |
| F 17 | 5 46 31 | 25°22'48 | 21°42 | 16°42 | 6° 9 | 11°10 | 15° 2 | 29°38 | 24° 1 | 17°40 | 10°48 | 11°R32 | 12°19 | 10°23 | 21° 8 | F 17 |
| S 18 | 5 50 28 | 26°23'22 | 5 ₾ 38 | 18°17 | 7°24 | 11°41 | 15°10 | 29°41 | 24° 3 | 17°42 | 10°50 | 11°31 | 12°15 | 10°30 | 21° 4 | S 18 |
| S 19 | 5 54 24 | 27°23'58 | 19°52 | 19°52 | 8°39 | 12°12 | 15°18 | 29°43 | 24° 5 | 17°44 | 10°53 | 11°31 | 12°12 | 10°37 | 21° 1 | S 19 |
| M20 | 5 58 21 | 28°24'35 | 4ML22 | 21°26 | 9°55 | 12°43 | 15°25 | 29°45 | 24° 7 | 17°45 | 10°55 | 11°29 | 12° 9 | 10°43 | 20°58 | M20 |
| T 21 | 6 2 18 | 2 <u>9</u> °25'14 | 19° 4 | 23° 1 | 11°10 | 13°13 | 15°33 | 29°47 | 24°10 | 17°47 | 10°57 | 11°28 | 12° 6 | 10°50 | 20°55 | T 21 |
| W22 | 6 6 14 | 0 ප් 25'54 | 3 ₹ 52 | 24°36 | 12°25 | 13°44 | 15°41 | 29°49 | 24°12 | 17°48 | 11° 0 | 11°26 | 12° 3 | 10°57 | 20°51 | W22 |
| T 23 | 6 10 11 | 1°26'36 | 18°38 | 26°10 | 13°40 | 14°14 | 15°50 | 29°51 | 24°14 | 17°50 | 11° 2 | 11°25 | 12° 0 | 11° 3 | 20°48 | T 23 |
| F 24 | 6 14 7 | 2°27'20 | 3 ට 15 | 27°44 | 14°55 | 14°45 | 15°58 | 29°53 | 24°16 | 17°52 | 11° 4 | 11°25 | 11°56 | 11°10 | 20°45 | F 24 |
| S 25 | 6 18 4 | 3°28'04 | 17°37 | 29°19 | 16°11 | 15°15 | 16° 7 | 29°55 | 24°17 | 17°54 | 11° 7 | 11°D25 | 11°53 | 11°17 | 20°42 | S 25 |
| S 26 | 6 22 0 | 4°28'50 | 1≈38 | 0 궁 53 | 17°26 | 15°45 | 16°15 | 29°57 | 24°19 | 17°55 | 11° 9 | 11°25 | 11°50 | 11°23 | 20°38 | S 26 |
| M27 | 6 25 57 | 5°29'36 | 15°16 | 2°27 | 18°41 | 16°14 | 16°24 | 29°58 | 24°21 | 17°57 | 11°11 | 11°25 | 11°47 | 11°30 | 20°35 | M27 |
| T 28 | 6 29 54 | 6°30'24 | 28°30 | 4° 1 | 19°56 | 16°44 | 16°33 | 29°59 | 24°23 | 17°59 | 11°13 | 11°26 | 11°44 | 11°37 | 20°32 | T 28 |
| W29 | 6 33 50 | 7°31'12 | 11 ∺ 20 | 5°35 | 21°11 | 17°13 | 16°42 | 0 ₽ 1 | 24°25 | 18° 1 | 11°16 | 11°27 | 11°41 | 11°44 | 20°29 | W29 |
| T 30 | 6 37 47 | 8°32'01 | 23°50 | 7°10 | 22°27 | 17°43 | 16°51 | 0° 2 | 24°26 | 18° 3 | 11°18 | 11°27 | 11°37 | 11°50 | 20°26 | T 30 |
| F 31 | 6 41 43 | 9 3 32'50 | 6 Υ 4 | 8 궁 44 | 23 궁 42 | 18 ≏ 12 | 17 米 1 | 0 ₾ 3 | 24 ≏ 28 | 18 ≈ 4 | 11 × 20 | 11°R27 | 11 る 34 | 11 8 57 | 20 Ⅱ 23 | F 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| ¥ | Р | u | Ω | Ç | \begin{center} \begin | Day |
|------|---------|-------------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|--|------|
| S 1 | 6 45 40 | 10 ට 33'41 | 18 Y 5 | 10중18 | 24 궁 57 | 18 ≏ 41 | 17) 10 | 0요 4 | 24 Ω 29 | 18 ≈ 6 | 11 × 122 | 11°R27 | 11 る 31 | 128 4 | 20°R19 | S 1 |
| S 2 | 6 49 36 | 11°34'32 | 29°59 | 11°52 | 26°12 | 19° 9 | 17°20 | 0° 5 | 24°31 | 18° 8 | 11°24 | 11°D27 | 11°28 | 12°10 | 20 II 16 | S 2 |
| M 3 | 6 53 33 | 12°35'24 | 11850 | 13°26 | 27°27 | 19°38 | 17°30 | 0° 6 | 24°32 | 18°10 | 11°27 | 11 궁 27 | 11°25 | 12°17 | 20°13 | M 3 |
| T 4 | 6 57 29 | 13°36'17 | 23°43 | 15° 1 | 28°42 | 20° 6 | 17°39 | 0° 6 | 24°34 | 18°12 | 11°29 | 11°27 | 11°21 | 12°24 | 20°10 | T 4 |
| W 5 | 7 1 26 | 14°37'10 | 5 Ⅱ 41 | 16°35 | 29°58 | 20°34 | 17°49 | 0° 7 | 24°35 | 18°14 | 11°31 | 11°27 | 11°18 | 12°30 | 20° 7 | W 5 |
| T 6 | 7 5 23 | 15°38'04 | 17°48 | 18°10 | 1≈13 | 21° 2 | 18° 0 | 0° 7 | 24°36 | 18°16 | 11°33 | 11°28 | 11°15 | 12°37 | 20° 5 | T 6 |
| F 7 | 7 9 19 | 16°38'59 | 0ණ 5 | 19°44 | 2°28 | 21°30 | 18°10 | 0° 8 | 24°38 | 18°18 | 11°35 | 11°28 | 11°12 | 12°44 | 20° 2 | F 7 |
| S 8 | 7 13 16 | 17°39'54 | 12°36 | 21°19 | 3°43 | 21°57 | 18°20 | 0° 8 | 24°39 | 18°20 | 11°37 | 11°R28 | 11° 9 | 12°51 | 19°59 | S 8 |
| S 9 | 7 17 12 | 18°40'50 | 25°21 | 22°54 | 4°58 | 22°25 | 18°31 | 0°R 8 | 24°40 | 18°22 | 11°39 | 11°28 | 11° 6 | 12°57 | 19°56 | S 9 |
| M10 | 7 21 9 | 19°41'47 | 8 Ω 20 | 24°29 | 6°13 | 22°52 | 18°41 | 0° 8 | 24°41 | 18°24 | 11°41 | 11°27 | 11° 2 | 13° 4 | 19°53 | M10 |
| T 11 | 7 25 5 | 20°42'44 | 21°32 | 26° 4 | 7°29 | 23°18 | 18°52 | 0° 8 | 24°42 | 18°26 | 11°43 | 11°26 | 10°59 | 13°11 | 19°50 | T 11 |
| W12 | 7 29 2 | 21°43'42 | 4 m 58 | 27°39 | 8°44 | 23°45 | 19° 3 | 0° 8 | 24°43 | 18°28 | 11°45 | 11°25 | 10°56 | 13°17 | 19°48 | W12 |
| T 13 | 7 32 58 | 22°44'41 | 18°37 | 29°15 | 9°59 | 24°11 | 19°13 | 0° 7 | 24°44 | 18°30 | 11°47 | 11°24 | 10°53 | 13°24 | 19°45 | T 13 |
| F 14 | 7 36 55 | 23°45'41 | 2 ≏ 26 | 0≈50 | 11°14 | 24°38 | 19°24 | 0° 7 | 24°45 | 18°32 | 11°49 | 11°22 | 10°50 | 13°31 | 19°42 | F 14 |
| S 15 | 7 40 52 | 24°46'42 | 16°24 | 2°26 | 12°29 | 25° 3 | 19°36 | 0° 6 | 24°46 | 18°35 | 11°51 | 11°22 | 10°47 | 13°38 | 19°40 | S 15 |
| S 16 | 7 44 48 | 25°47'43 | 0 M .31 | 4° 2 | 13°44 | 25°29 | 19°47 | 0° 5 | 24°46 | 18°37 | 11°53 | 11°D22 | 10°43 | 13°44 | 19°37 | S 16 |
| M17 | 7 48 45 | 26°48'45 | 14°44 | 5°38 | 14°59 | 25°54 | 19°58 | 0° 5 | 24°47 | 18°39 | 11°55 | 11°22 | 10°40 | 13°51 | 19°35 | M17 |
| T 18 | 7 52 41 | 27°49'48 | 29° 2 | 7°14 | 16°14 | 26°20 | 20°10 | 0° 4 | 24°48 | 18°41 | 11°57 | 11°23 | 10°37 | 13°58 | 19°32 | T 18 |
| W19 | 7 56 38 | 28°50'52 | 13 × 20 | 8°51 | 17°30 | 26°44 | 20°21 | 0° 3 | 24°48 | 18°43 | 11°58 | 11°25 | 10°34 | 14° 4 | 19°30 | W19 |
| T 20 | 8 0 34 | 29°51'57 | 27°37 | 10°27 | 18°45 | 27° 9 | 20°33 | 0° 2 | 24°49 | 18°45 | 12° 0 | 11°26 | 10°31 | 14°11 | 19°28 | T 20 |
| F 21 | 8 4 31 | 0≈53'02 | 11 ろ 48 | 12° 3 | 20° 0 | 27°33 | 20°44 | 0° 0 | 24°49 | 18°47 | 12° 2 | 11°R26 | 10°27 | 14°18 | 19°25 | F 21 |
| S 22 | 8 8 28 | 1°54'07 | 25°49 | 13°40 | 21°15 | 27°57 | 20°56 | 29 m 59 | 24°50 | 18°50 | 12° 4 | 11°26 | 10°24 | 14°24 | 19°23 | S 22 |
| S 23 | 8 12 24 | 2°55'12 | 9≈35 | 15°16 | 22°30 | 28°21 | 21° 8 | 29°58 | 24°50 | 18°52 | 12° 5 | 11°24 | 10°21 | 14°31 | 19°21 | S 23 |
| M24 | 8 16 21 | 3°56'18 | 23° 5 | 16°52 | 23°45 | 28°45 | 21°20 | 29°56 | 24°50 | 18°54 | 12° 7 | 11°21 | 10°18 | 14°38 | 19°19 | M24 |
| T 25 | 8 20 17 | 4°57'23 | 6) €15 | 18°27 | 25° 0 | 29° 8 | 21°32 | 29°54 | 24°50 | 18°56 | 12° 9 | 11°17 | 10°15 | 14°45 | 19°17 | T 25 |
| W26 | 8 24 14 | 5°58'29 | 19° 5 | 20° 3 | 26°15 | 29°31 | 21°44 | 29°52 | 24°51 | 18°59 | 12°10 | 11°13 | 10°12 | 14°51 | 19°15 | W26 |
| T 27 | 8 28 10 | 6°59'34 | 1 Y 37 | 21°37 | 27°30 | 29°53 | 21°57 | 29°51 | 24°51 | 19° 1 | 12°12 | 11° 9 | 10° 8 | 14°58 | 19°13 | T 27 |
| F 28 | 8 32 7 | 8° 0'40 | 13°53 | 23°11 | 28°45 | 0 M _15 | 22° 9 | 29°49 | 24°51 | 19° 3 | 12°14 | 11° 6 | 10° 5 | 15° 5 | 19°11 | F 28 |
| S 29 | 8 36 3 | 9° 1'45 | 25°56 | 24°44 | 0 ∺ 0 | 0°37 | 22°21 | 29°46 | 24°R51 | 19° 5 | 12°15 | 11° 4 | 10° 2 | 15°11 | 19° 9 | S 29 |
| S 30 | 8 40 0 | 10° 2'49 | 7 8 51 | 26°16 | 1°15 | 0°59 | 22°34 | 29°44 | 24°51 | 19° 7 | 12°17 | 11°D 3 | 9°59 | 15°18 | 19° 7 | S 30 |
| M31 | 8 43 57 | 11≈ 3'54 | 19 8 41 | 27≈46 | 2 H 30 | 1 M 20 | 22) 46 | 29 m 42 | 24 ≏ 51 | 19 ≈ 10 | 12 × 18 | 11중 3 | 9 ප 56 | 15 8 25 | 19耳 6 | M31 |

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|------|----------|------------------|-----------------|---------------|----------------|---------------|----------------|----------------|----------------|-------|----------------|---------------|---------------|----------------|----------------|------|
| T 1 | 8 47 53 | 12≈ 4'58 | 1 ∏ 34 | 29≈14 | 3) €45 | 1 M 41 | 22) 59 | 29°R40 | 24°R50 | 19≈12 | 12 × 20 | 11궁 5 | 9 る 53 | 15 8 31 | 19°R 4 | T 1 |
| W 2 | 8 51 50 | 13° 6'02 | 13°32 | 0 ∺ 41 | 5° 0 | 2° 1 | 23°12 | 29 m 37 | 24 ₽ 50 | 19°14 | 12°21 | 11° 6 | 9°49 | 15°38 | 19耳 2 | W 2 |
| T 3 | 8 55 46 | 14° 7'06 | 25°42 | 2° 4 | 6°15 | 2°21 | 23°24 | 29°35 | 24°50 | 19°17 | 12°22 | 11° 8 | 9°46 | 15°45 | 19° 1 | T 3 |
| F 4 | 8 59 43 | 15° 8'09 | 8 ॐ 6 | 3°24 | 7°30 | 2°41 | 23°37 | 29°32 | 24°50 | 19°19 | 12°24 | 11°R 9 | 9°43 | 15°51 | 19° 0 | F 4 |
| S 5 | 9 3 39 | 16° 9'11 | 20°48 | 4°41 | 8°45 | 3° 0 | 23°50 | 29°29 | 24°49 | 19°21 | 12°25 | 11° 9 | 9°40 | 15°58 | 18°58 | S 5 |
| S 6 | 9 7 36 | 17°10'14 | 3 Ω 50 | 5°53 | 10° 0 | 3°19 | 24° 3 | 29°26 | 24°49 | 19°23 | 12°27 | 11° 7 | 9°37 | 16° 5 | 18°57 | S 6 |
| M 7 | 9 11 32 | 18°11'16 | 17°11 | 7° 0 | 11°14 | 3°38 | 24°16 | 29°23 | 24°48 | 19°26 | 12°28 | 11° 3 | 9°33 | 16°12 | 18°56 | M 7 |
| T 8 | 9 15 29 | 19°12'17 | 0 m 51 | 8° 2 | 12°29 | 3°56 | 24°29 | 29°20 | 24°48 | 19°28 | 12°29 | 10°57 | 9°30 | 16°18 | 18°54 | T 8 |
| W 9 | 9 19 26 | 20°13'18 | 14°46 | 8°56 | 13°44 | 4°14 | 24°43 | 29°17 | 24°47 | 19°30 | 12°30 | 10°51 | 9°27 | 16°25 | 18°53 | W 9 |
| T 10 | 9 23 22 | 21°14'19 | 28°52 | 9°43 | 14°59 | 4°31 | 24°56 | 29°14 | 24°46 | 19°32 | 12°32 | 10°44 | 9°24 | 16°32 | 18°52 | T 10 |
| F 11 | 9 27 19 | 22°15'19 | 13 º 5 | 10°22 | 16°13 | 4°48 | 25° 9 | 29°11 | 24°46 | 19°35 | 12°33 | 10°38 | 9°21 | 16°38 | 18°51 | F 11 |
| S 12 | 9 31 15 | 23°16'20 | 27°20 | 10°51 | 17°28 | 5° 5 | 25°23 | 29° 7 | 24°45 | 19°37 | 12°34 | 10°33 | 9°18 | 16°45 | 18°50 | S 12 |
| S 13 | 9 35 12 | 24°17'20 | 11 M .33 | 11°10 | 18°43 | 5°21 | 25°36 | 29° 4 | 24°44 | 19°39 | 12°35 | 10°31 | 9°14 | 16°52 | 18°49 | S 13 |
| M14 | 9 39 8 | 25°18'20 | 25°43 | 11°R19 | 19°57 | 5°36 | 25°49 | 29° 0 | 24°43 | 19°42 | 12°36 | 10°D30 | 9°11 | 16°58 | 18°48 | M14 |
| T 15 | 9 43 5 | 26°19'20 | 9 ∡ 747 | 11°16 | 21°12 | 5°51 | 26° 3 | 28°57 | 24°42 | 19°44 | 12°37 | 10°30 | 9° 8 | 17° 5 | 18°48 | T 15 |
| W16 | 9 47 1 | 27°20'19 | 23°45 | 11° 1 | 22°27 | 6° 6 | 26°17 | 28°53 | 24°41 | 19°46 | 12°38 | 10°32 | 9° 5 | 17°12 | 18°47 | W16 |
| T 17 | 9 50 58 | 28°21'18 | 7 궁 36 | 10°36 | 23°41 | 6°20 | 26°30 | 28°49 | 24°40 | 19°48 | 12°39 | 10°R33 | 9° 2 | 17°19 | 18°46 | T 17 |
| F 18 | 9 54 55 | 29°22'17 | 21°18 | 9°59 | 24°56 | 6°34 | 26°44 | 28°45 | 24°39 | 19°51 | 12°40 | 10°32 | 8°59 | 17°25 | 18°46 | F 18 |
| S 19 | 9 58 51 | 0 ¥ 23'15 | 4≈51 | 9°11 | 26°10 | 6°47 | 26°58 | 28°41 | 24°38 | 19°53 | 12°41 | 10°29 | 8°55 | 17°32 | 18°46 | S 19 |
| S 20 | 10 248 | 1°24'12 | 18°14 | 8°15 | 27°25 | 6°59 | 27°11 | 28°37 | 24°37 | 19°55 | 12°42 | 10°24 | 8°52 | 17°39 | 18°45 | S 20 |
| M21 | 10 6 44 | 2°25'09 | 1) (24 | 7°11 | 28°39 | 7°11 | 27°25 | 28°33 | 24°36 | 19°57 | 12°42 | 10°17 | 8°49 | 17°45 | 18°45 | M21 |
| T 22 | 10 10 41 | 3°26'05 | 14°21 | 6° 2 | 29°54 | 7°23 | 27°39 | 28°29 | 24°34 | 20° 0 | 12°43 | 10° 7 | 8°46 | 17°52 | 18°45 | T 22 |
| W23 | 10 14 37 | 4°26'59 | 27° 3 | 4°49 | 1 Υ 8 | 7°34 | 27°53 | 28°25 | 24°33 | 20° 2 | 12°44 | 9°57 | 8°43 | 17°59 | 18°44 | W23 |
| T 24 | 10 18 34 | 5°27'53 | 9 Ƴ 30 | 3°34 | 2°23 | 7°44 | 28° 7 | 28°21 | 24°32 | 20° 4 | 12°45 | 9°46 | 8°39 | 18° 5 | 18°44 | T 24 |
| F 25 | 10 22 30 | 6°28'46 | 21°43 | 2°20 | 3°37 | 7°54 | 28°21 | 28°16 | 24°30 | 20° 6 | 12°45 | 9°37 | 8°36 | 18°12 | 18°D44 | F 25 |
| S 26 | 10 26 27 | 7°29'38 | 3 8 45 | 1° 9 | 4°51 | 8° 3 | 28°35 | 28°12 | 24°29 | 20° 8 | 12°46 | 9°29 | 8°33 | 18°19 | 18°44 | S 26 |
| S 27 | 10 30 24 | 8°30'28 | 15°39 | 0° 3 | 6° 6 | 8°12 | 28°49 | 28° 8 | 24°27 | 20°11 | 12°47 | 9°24 | 8°30 | 18°25 | 18°44 | S 27 |
| M28 | 10 34 20 | 9 米 31'17 | 27 8 29 | 29≈≈ 2 | 7 Υ 20 | 8 M 20 | 29 米 3 | 28 mg 3 | 24 ₽ 26 | 20≈13 | 12 ~ 47 | 9 る 21 | 8 궁 27 | 18 8 32 | 18 Ⅱ 45 | M28 |

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| T 1 | 10 38 17 | 10) € 32'05 | 9 П 19 | 28°R 8 | 8 Υ 34 | 8 M 27 | 29 米 17 | 27°R59 | 24°R24 | 20≈15 | 12 ×7 48 | 9°D20 | 8 궁 24 | 18 8 39 | 18 Ⅱ 45 | T 1 |
| W 2 | 10 42 13 | 11°32'52 | 21°16 | 27≈22 | 9°48 | 8°34 | 29°32 | 27 m 54 | 24 <u>₽</u> 22 | 20°17 | 12°48 | 9 궁 20 | 8°20 | 18°45 | 18°45 | W 2 |
| T 3 F 4 | 10 46 10 10 50 6 | 12°33'37 13°34'21 | 3 © 24 15°48 | 26°44 26°15 | 11° 2 12°16 | 8°40 8°45 | 29°46 0 ° 0 | 27°50 27°45 | 24°21 24°19 | 20°19 20°21 | 12°49 12°49 | 9°R21 9°21 | 8°17 8°14 | 18°52 18°59 | 18°46 18°46 | T 3 F 4 |
| S 5 | 10 50 6 | 13 34 21 14°35'03 | 28°34 | 25°53 | 12 16 13°30 | 8°50 | 0°14 | 27°40 | 24 19 24°17 | 20°23 | 12°49 12°50 | 9°19 | 8°11 | 18 39 19° 6 | 18°46 | S 5 |
| S 6 | 10 57 59 | 15°35'44 | 11 Ω 44 | 25°40 | 14°44 | 8°54 | 0°29 | 27°36 | 24°15 | 20°26 | 12°50 | 9°15 | 8° 8 | 19°12 | 18°47 | S 6 |
| M 7 | 11 1 56 | 16°36'24 | 25°20 | 25°D34 | 15°58 | 8°57 | 0°43 | 27°31 | 24°13 | 20°28 | 12°50 | 9° 8 | 8° 4 | 19°19 | 18°48 | M 7 |
| T 8 | 11 5 53 | 17°37'02 | 9 mp 20 | 25°35 | 17°12 | 9° 0 | 0°57 | 27°26 | 24°12 | 20°30 | 12°51 | 8°59 | 8° 1 | 19°26 | 18°48 | T 8 |
| W 9 | 11 9 49 | 18°37'39 | 23°41 | 25°44 | 18°26 | 9° 2 | 1°12 | 27°22 | 24°10 | 20°32 | 12°51 | 8°48 | 7°58 | 19°32 | 18°49 | W 9 |
| T 10 | 11 13 46 | 19°38'14 | 8 ≏ 16 | 25°59 | 19°40 | 9° 3 | 1°26 | 27°17 | 24° 8 | 20°34 | 12°51 | 8°37 | 7°55 | 19°39 | 18°50 | T 10 |
| F 11 | 11 17 42 | 20°38'48 | 22°58 | 26°20 | 20°53 | 9°R 4 | 1°40 | 27°12 | 24° 6 | 20°36 | 12°51 | 8°26 | 7°52 | 19°46 | 18°51 | F 11 |
| S 12 | 11 21 39 | 21°39'22 | 7 M 39 | 26°46 | 22° 7 | 9° 4 | 1°55 | 27° 7 | 24° 4 | 20°38 | 12°51 | 8°18 | 7°49 | 19°52 | 18°52 | S 12 |
| S 13 | 11 25 35 | 22°39'54 | 22°12 | 27°18 | 23°21 | 9° 3 | 2° 9 | 27° 2 | 24° 2 | 20°40 | 12°51 | 8°12 | 7°45 | 19°59 | 18°53 | S 13 |
| M14 | 11 29 32 | 23°40'25 | 6 ₹ 33 | 27°54 | 24°34 | 9° 1 | 2°24 | 26°58 | 23°59 | 20°42 | 12°52 | 8° 9 | 7°42 | 20° 6 | 18°54 | M14 |
| T 15 W16 | 11 33 28 11 37 25 | 24°40'54 25°41'23 | 20°39 4 る 30 | 28°35 29°20 | 25°48 27° 1 | 8°59 8°56 | 2°38 2°53 | 26°53 26°48 | 23°57 23°55 | 20°44 20°46 | 12°52 12°R52 | 8°D 8 8°R 8 | 7°39 7°36 | 20°12 20°19 | 18°56 18°57 | T 15 W16 |
| T 17 | 11 37 23 | 26°41'51 | 18° 6 | 0 ₩ 8 | 28°14 | 8°52 | 3° 7 | 26°48 26°43 | 23°53 | 20°48 | 12°K32 12°52 | 8° 8 | 7°33 | 20°19 20°26 | 18°58 | T 17 |
| F 18 | 11 41 21 | 20 41 31 27°42'17 | 18 0 1 ≈ 29 | 1° 0 | 29°28 | 8°47 | 3°22 | 26°38 | 23°51 | 20°50 | 12°51 | 8° 6 | 7°30 | 20°32 | 19° 0 | F 18 |
| S 19 | 11 49 15 | 28°42'42 | 14°40 | 1°55 | 0 8 41 | 8°42 | 3°36 | 26°33 | 23°48 | 20°52 | 12°51 | 8° 1 | 7°26 | 20°39 | 19° 1 | S 19 |
| S 20 | 11 53 11 | 29°43'05 | 27°39 | 2°53 | 1°54 | 8°35 | 3°51 | 26°28 | 23°46 | 20°54 | 12°51 | 7°54 | 7°23 | 20°46 | 19° 3 | S 20 |
| M21 | 11 57 8 | 0 Υ 43'28 | 10) (28 | 3°54 | 3° 7 | 8°28 | 4° 5 | 26°24 | 23°44 | 20°55 | 12°51 | 7°44 | 7°20 | 20°53 | 19° 4 | M21 |
| T 22 | 12 1 4 | 1°43'48 | 23° 6 | 4°57 | 4°21 | 8°20 | 4°20 | 26°19 | 23°41 | 20°57 | 12°51 | 7°31 | 7°17 | 20°59 | 19° 6 | T 22 |
| W23 | 12 5 1 | 2°44'07 | 5 Υ 33 | 6° 2 | 5°34 | 8°12 | 4°34 | 26°14 | 23°39 | 20°59 | 12°51 | 7°17 | 7°14 | 21° 6 | 19° 8 | W23 |
| T 24 | 12 8 57 | 3°44'24 | 17°50 | 7°10 | 6°47 | 8° 2 | 4°49 | 26° 9 | 23°37 | 21° 1 | 12°50 | 7° 2 | 7°10 | 21°13 | 19° 9 | T 24 |
| F 25 S 26 | 12 12 54 12 16 50 | 4°44'40 5°44'54 | 29°56 11 8 54 | 8°20 9°32 | 8° 0 9°12 | 7°52 7°41 | 5° 3 5°18 | 26° 4 26° 0 | 23°34 23°32 | 21° 3 21° 4 | 12°50 12°50 | 6°49 6°37 | 7° 7 7° 4 | 21°19 21°26 | 19°11 19°13 | F 25 S 26 |
| | | | _ | | _ | | | | | | | | | - | | |
| S 27 M28 | 12 20 47 12 24 44 | 6°45'06 7°45'16 | 23°45 5 Ⅲ 33 | 10°46 12° 1 | 10°25 11°38 | 7°29 7°17 | 5°33 5°47 | 25°55 25°50 | 23°29 23°27 | 21° 6 21° 8 | 12°49 12°49 | 6°29 6°23 | 7° 1 6°58 | 21°33 21°39 | 19°15 19°17 | S 27 M28 |
| T 29 | 12 24 44 | 8°45'25 | 5Щ33 17°22 | 13°19 | 11°38 12°51 | 7° 17 | 6° 2 | 25°45 | 23°24 | 21° 8 21°10 | 12°49 | 6°20 | 6°55 | 21°46 | 19°17 | T 29 |
| W30 | 12 32 37 | 9°45'31 | 29°16 | 14°38 | 14° 3 | 6°50 | 6°16 | 25°41 | 23°22 | 21°11 | 12°48 | 6°19 | 6°51 | 21°53 | 19°22 | W30 |
| T 31 | 12 36 33 | 10 Υ 45'35 | 119521 | 15 ¥ 58 | 15 8 16 | 6M35 | 6 Υ 31 | 25 m 36 | 23 ₽ 19 | 21≈13 | 12 × 747 | 6 ට 19 | 6 පි 48 | 21859 | 19∏24 | T 31 |

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| F 1 | 12 40 30 | 11 ° 45'37 | 239543 | 17) 20 | 16828 | 6°R20 | 6 Ƴ 45 | 25°R32 | 23°R17 | 21≈14 | 12°R47 | 6°R19 | 6 පි 45 | 22 8 6 | 19 Ⅱ 26 | F 1 |
| S 2 | 12 44 26 | 12°45'38 | 6Ω 26 | 18°43 | 17°40 | 6M 4 | 7° 0 | 25 m 27 | 23 ≏ 14 | 21°16 | 12 × 146 | 6 ට 17 | 6°42 | 22°13 | 19°29 | S 2 |
| S 3 | 12 48 23 | 13°45'36 | 19°35 | 20° 8 | 18°53 | 5°47 | 7°14 | 25°23 | 23°12 | 21°18 | 12°46 | 6°13 | 6°39 | 22°19 | 19°31 | S 3 |
| M 4 | 12 52 19 | 14°45'31 | 3 m 12 | 21°34 | 20° 5 | 5°30 | 7°29 | 25°18 | 23° 9 | 21°19 | 12°45 | 6° 7 | 6°36 | 22°26 | 19°33 | M 4 |
| T 5 | 12 56 16 | 15°45'25 | 17°19 | 23° 1 | 21°17 | 5°12 | 7°43 | 25°14 | 23° 7 | 21°21 | 12°44 | 5°57 | 6°32 | 22°33 | 19°36 | T 5 |
| W 6 | 13 0 12 | 16°45'17 | 1 ≏ 52 | 24°30 | 22°29 | 4°53 | 7°58 | 25° 9 | 23° 4 | 21°22 | 12°44 | 5°47 | 6°29 | 22°39 | 19°39 | W 6 |
| T 7 | 13 4 9 | 17°45'07 | 16°45 | 26° 0 | 23°41 | 4°34 | 8°12 | 25° 5 | 23° 1 | 21°24 | 12°43 | 5°35 | 6°26 | 22°46 | 19°41 | T 7 |
| F 8 | 13 8 6 | 18°44'55 | 1 M 50 | 27°32 | 24°53 | 4°14 | 8°27 | 25° 1 | 22°59 | 21°25 | 12°42 | 5°24 | 6°23 | 22°53 | 19°44 | F 8 |
| S 9 | 13 12 2 | 19°44'41 | 16°55 | 29° 4 | 26° 5 | 3°54 | 8°41 | 24°57 | 22°56 | 21°26 | 12°41 | 5°16 | 6°20 | 23° 0 | 19°47 | S 9 |
| S 10 | 13 15 59 | 20°44'26 | 1 ₹ 52 | 0 Υ 38 | 27°16 | 3°33 | 8°55 | 24°53 | 22°54 | 21°28 | 12°41 | 5° 9 | 6°16 | 23° 6 | 19°49 | S 10 |
| M11 | 13 19 55 | 21°44'09 | 16°32 | 2°13 | 28°28 | 3°12 | 9°10 | 24°48 | 22°51 | 21°29 | 12°40 | 5° 6 | 6°13 | 23°13 | 19°52 | M11 |
| T 12 | 13 23 52 | 22°43'50 | 0 궁 53 | 3°50 | 29°39 | 2°51 | 9°24 | 24°44 | 22°48 | 21°31 | 12°39 | 5°D 5 | 6°10 | 23°20 | 19°55 | T 12 |
| W13 | 13 27 48 | 23°43'30 | 14°51 | 5°28 | 0 Ⅲ 51 | 2°29 | 9°39 | 24°41 | 22°46 | 21°32 | 12°38 | 5° 5 | 6° 7 | 23°26 | 19°58 | W13 |
| T 14 | 13 31 45 | 24°43'08 | 28°27 | 7° 7 | 2° 2 | 2° 7 | 9°53 | 24°37 | 22°43 | 21°33 | 12°37 | 5°R 5 | 6° 4 | 23°33 | 20° 1 | T 14 |
| F 15 | 13 35 41 | 25°42'45 | 11 ≈ 43 | 8°47 | 3°13 | 1°44 | 10° 7 | 24°33 | 22°41 | 21°34 | 12°36 | 5° 4 | 6° 1 | 23°40 | 20° 4 | F 15 |
| S 16 | 13 39 38 | 26°42'19 | 24°42 | 10°28 | 4°24 | 1°21 | 10°21 | 24°29 | 22°38 | 21°36 | 12°35 | 5° 1 | 5°57 | 23°46 | 20° 7 | S 16 |
| S 17 | 13 43 35 | 27°41'52 | 7 ∺ 26 | 12°11 | 5°35 | 0°58 | 10°36 | 24°25 | 22°35 | 21°37 | 12°34 | 4°55 | 5°54 | 23°53 | 20°11 | S 17 |
| M18 | 13 47 31 | 28°41'24 | 19°58 | 13°56 | 6°46 | 0°35 | 10°50 | 24°22 | 22°33 | 21°38 | 12°33 | 4°46 | 5°51 | 24° 0 | 20°14 | M18 |
| T 19 | 13 51 28 | 29°40'53 | 2 Υ 20 | 15°41 | 7°57 | 0°12 | 11° 4 | 24°18 | 22°30 | 21°39 | 12°32 | 4°35 | 5°48 | 24° 6 | 20°17 | T 19 |
| W20 | 13 55 24 | 0840'21 | 14°33 | 17°28 | 9° 8 | 29 ≏ 48 | 11°18 | 24°15 | 22°28 | 21°40 | 12°31 | 4°23 | 5°45 | 24°13 | 20°20 | W20 |
| T 21 | 13 59 21 | 1°39'47 | 26°37 | 19°16 | 10°19 | 29°25 | 11°32 | 24°12 | 22°25 | 21°41 | 12°29 | 4°11 | 5°41 | 24°20 | 20°24 | T 21 |
| F 22 | 14 3 17 | 2°39'10 | 8 8 35 | 21° 6 | 11°29 | 29° 1 | 11°46 | 24° 8 | 22°22 | 21°42 | 12°28 | 4° 0 | 5°38 | 24°26 | 20°27 | F 22 |
| S 23 | 14 7 14 | 3°38'32 | 20°28 | 22°56 | 12°40 | 28°38 | 12° 0 | 24° 5 | 22°20 | 21°43 | 12°27 | 3°50 | 5°35 | 24°33 | 20°31 | S 23 |
| S 24 | 14 11 10 | 4°37'52 | 2 Ⅱ 17 | 24°49 | 13°50 | 28°15 | 12°14 | 24° 2 | 22°17 | 21°44 | 12°26 | 3°43 | 5°32 | 24°40 | 20°34 | S 24 |
| M25 | 14 15 7 | 5°37'10 | 14° 4 | 26°42 | 15° 0 | 27°51 | 12°28 | 23°59 | 22°15 | 21°45 | 12°25 | 3°38 | 5°29 | 24°46 | 20°38 | M25 |
| T 26 | 14 19 4 | 6°36'26 | 25°54 | 28°37 | 16°10 | 27°28 | 12°42 | 23°56 | 22°12 | 21°46 | 12°23 | 3°36 | 5°26 | 24°53 | 20°41 | T 26 |
| W27 | 14 23 0 | 7°35'39 | 7 95 49 | 0 8 34 | 17°20 | 27° 6 | 12°56 | 23°53 | 22°10 | 21°47 | 12°22 | 3°D36 | 5°22 | 25° 0 | 20°45 | W27 |
| T 28 | 14 26 57 | 8°34'51 | 19°53 | 2°31 | 18°30 | 26°43 | 13°10 | 23°50 | 22° 7 | 21°48 | 12°21 | 3°37 | 5°19 | 25° 6 | 20°48 | T 28 |
| F 29 | 14 30 53 | 9°34'00 | 2 Ω 13 | 4°30 | 19°40 | 26°21 | 13°24 | 23°48 | 22° 5 | 21°49 | 12°20 | 3°37 | 5°16 | 25°13 | 20°52 | F 29 |
| S 30 | 14 34 50 | 10 8 33'07 | 14 Ω 52 | 6 8 31 | 20∏49 | 26 ♀ 0 | 13 Y 38 | 23 m 45 | 22 º 2 | 21≈49 | 12 ,7 18 | 3°R38 | 5 궁 13 | 25 8 20 | 20耳56 | S 30 |

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| S 1 | 14 38 46 | 11832'11 | 27 Ω 56 | 8 8 32 | 21 П 59 | 25°R38 | 13 Y 51 | 23°R43 | 22°R 0 | 21≈50 | 12°R17 | 3°R36 | 5 る 10 | 25 8 26 | 21 I I 0 | S 1 |
| M 2 | 14 42 43 | 12°31'14 | 11 M 28 | 10°35 | 23° 8 | 25 ≙ 17 | 14° 5 | 23 m 40 | 21 ≏ 58 | 21°51 | 12 ~ 15 | 3 ろ 33 | 5° 7 | 25°33 | 21° 3 | M 2 |
| T 3 | 14 46 39 | 13°30'14 | 25°29 | 12°38 | 24°17 | 24°57 | 14°19 | 23°38 | 21°55 | 21°52 | 12°14 | 3°27 | 5° 3 | 25°40 | 21° 7 | T 3 |
| W 4 | 14 50 36 | 14°29'11 | 9 Ω 59 | 14°43 | 25°26 | 24°37 | 14°32 | 23°36 | 21°53 | 21°52 | 12°13 | 3°21 | 5° 0 | 25°46 | 21°11 | W 4 |
| T 5 | 14 54 33 | 15°28'07 | 24°53 | 16°48 | 26°35 | 24°18 | 14°46 | 23°34 | 21°50 | 21°53 | 12°11 | 3°13 | 4°57 | 25°53 | 21°15 | T 5 |
| F 6 | 14 58 29 15 2 26 | 16°27'01 17°25'53 | 10M 3 25°20 | 18°54 21° 1 | 27°44 28°52 | 23°59 23°41 | 14°59 15°13 | 23°32 23°30 | 21°48 21°46 | 21°54 21°54 | 12°10 12° 8 | 3° 6 3° 0 | 4°54 4°51 | 26° 0 26° 7 | 21°19 21°23 | F 6 S 7 |
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| S 8 | 15 6 22 | 18°24'43 | 10 ∡ 32 | 23° 7 | 0ର୍ତ୍ତ 1 | 23°23 | 15°26 | 23°28 | 21°44 | 21°55 | 12° 7 | 2°57 | 4°47 | 26°13 | 21°27 | S 8 |
| M 9 | 15 10 19 | 19°23'31 | 25°30 | 25°14 | 1° 9 | 23° 6 | 15°39 | 23°27 | 21°41 | 21°55 | 12° 5 | 2°55 | 4°44 | 26°20 | 21°31 | M 9 |
| T 10 | 15 14 15 | 20°22'18 | 10중 6 | 27°20 | 2°17 | 22°50 | 15°53 | 23°25 | 21°39 | 21°56 | 12° 4 | 2°D55 | 4°41 | 26°27 | 21°35 | T 10 |
| W11 | 15 18 12 | 21°21'02 | 24°18 | 29°26 | 3°25 | 22°34 | 16° 6 | 23°23 | 21°37 | 21°56 | 12° 2 | 2°56 | 4°38 | 26°33 | 21°39 | W11 |
| T 12 | 15 22 8 | 22°19'46 | 8≈ 4 | 1 Ⅱ 31 | 4°33 | 22°19 | 16°19 | 23°22 | 21°35 | 21°56 | 12° 1 | 2°57 | 4°35 | 26°40 | 21°43 | T 12 |
| F 13 | 15 26 5 | 23°18'27 | 21°25 | 3°34 5°36 | 5°41 | 22° 5 | 16°32 | 23°21 | 21°33 | 21°57 | 11°59 | 2°R58 | 4°32 | 26°47 | 21°47 | F 13 |
| S 14 | 15 30 2 | 24°17'07 | 4) €23 | | 6°48 | 21°51 | 16°45 | 23°20 | 21°31 | 21°57 | 11°58 | 2°57 | 4°28 | 26°53 | 21°52 | S 14 |
| S 15 | 15 33 58 | 25°15'45 | 17° 3 | 7°36 | 7°55 | 21°39 | 16°58 | 23°19 | 21°29 | 21°57 | 11°56 | 2°55 | 4°25 | 27° 0 | 21°56 | S 15 |
| M16 | 15 37 55 | 26°14'22 | 29°27 | 9°34 | 9° 3 | 21°27 | 17°11 | 23°18 | 21°27 | 21°58 | 11°54 | 2°51 | 4°22 | 27° 7 | 22° 0 | M16 |
| T 17 | 15 41 51 | 27°12'57 | 11 Y 38 | 11°29 | 10° 9 | 21°15 | 17°24 | 23°17 | 21°25 | 21°58 | 11°53 | 2°46 | 4°19 | 27°13 | 22° 4 | T 17 |
| W18 | 15 45 48 | 28°11'30 | 23°41 | 13°21 | 11°16 | 21° 5 | 17°37 | 23°16 | 21°23 | 21°58 | 11°51 | 2°40 | 4°16 | 27°20 | 22° 9 | W18 |
| T 19 F 20 | 15 49 44 15 53 41 | 29°10'02 0 II 8'32 | 5 8 37 17°28 | 15°10 16°56 | 12°23 13°29 | 20°55 20°46 | 17°49 18° 2 | 23°15 23°15 | 21°21 21°19 | 21°58 21°58 | 11°50 11°48 | 2°34 2°28 | 4°13 4° 9 | 27°27 27°33 | 22°13 22°17 | T 19 F 20 |
| S 21 | 15 53 41 | 0 <u>н</u> 832 1° 7'01 | 29°17 | 18°39 | 13°29 14°35 | 20°46 20°38 | 18° 2 18°14 | 23°13 | 21°19 21°17 | 21°59 | 11°48 11°46 | 2°23 | 4° 6 | 27°40 | 22°22 | S 21 |
| | | | | | | | | | | | | | _ | | | |
| S 22 | 16 1 34 | 2° 5'27 | 11 I I 6 | 20°17 | 15°41 | 20°31 | 18°27 | 23°14 | 21°15 | 21°59 | 11°45 | 2°20 | 4° 3 | 27°47 | 22°26 | S 22 |
| M23 | 16 5 31 | 3° 3'52 | 22°56 | 21°52 | 16°47 | 20°24 | 18°39 | 23°14 | 21°14 | 21°59 | 11°43 | 2°18 | 4° 0 | 27°53 | 22°31 | M23 |
| T 24 | 16 9 27 | 4° 2'15 | 4950 | 23°23 | 17°53 | 20°19 | 18°52 | 23°D14 | 21°12 | 21°R59 | 11°41 | 2°D18 | 3°57 | 28° 0 | 22°35 | T 24 |
| W25 | 16 13 24 | 5° 0'36 | 16°50 | 24°50 | 18°58 | 20°14 | 19° 4 | 23°14 | 21°10 | 21°59 | 11°40 | 2°18 | 3°53 | 28° 7 | 22°39 | W25 |
| T 26 F 27 | 16 17 20 | 5°58'55 | 29° 1 | 26°13 27°32 | 20° 3 21° 8 | 20°10 | 19°16 | 23°14 | 21° 9 | 21°59 | 11°38 | 2°20 | 3°50 | 28°13 | 22°44 22°48 | T 26 F 27 |
| S 28 | 16 21 17 16 25 13 | 6°57'13 7°55'28 | 11 Ω 24 24° 5 | 27°32 28°46 | 21° 8 22°13 | 20° 6 20° 4 | 19°28 19°40 | 23°14 23°14 | 21° 7 21° 6 | 21°58 21°58 | 11°36 11°35 | 2°22 2°23 | 3°47 3°44 | 28°20 28°27 | 22°48 22°53 | S 28 |
| | | | | | _ | | | | | | | _ | _ | | | |
| S 29 | 16 29 10 | 8°53'41 | 7 m) 7 | 29°56 | 23°17 | 20° 2 | 19°52 | 23°15 | 21° 4 | 21°58 | 11°33 | 2°R24 | 3°41 | 28°33 | 22°57 | S 29 |
| M30 | 16 33 6 | 9°51'53 | 20°32 | 199 1 | 24°21 | 20° 1 | 20° 4 | 23°15 | 21° 3 | 21°58 | 11°31 | 2°23 | 3°38 | 28°40 | 23° 2 | M30 |
| T 31 | 16 37 3 | 10耳50′02 | 4 ≏ 24 | 295 2 | 25925 | 20°D 1 | 20 Υ 16 | 23 Mp 16 | 21 ♀ 1 | 21≈58 | 11 ∡ 30 | 2 る 22 | 3 궁 34 | 28 8 47 | 23Ⅱ 6 | T 31 |

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| W 1 | 16 41 0 | 11 Ⅱ 48'09 | 18 ≏ 41 | 2 9 58 | 26929 | 20₽ 1 | 20 Y 27 | 23 m 17 | 21°R 0 | 21°R57 | 11°R28 | 2°R20 | 3 ට 31 | 28 8 53 | 23 I I11 | W 1 |
| T 2 | 16 44 56 | 12°46'15 | 3M23 | 3°49 | 27°32 | 20° 2 | 20°39 | 23°18 | 20 <u>₽</u> 58 | 21≈57 | 11 才 26 | 2 ਰ 17 | 3°28 | 29° 0 | 23°15 | T 2 |
| F 3 | 16 48 53 | 13°44'19 | 18°22 | 4°36 | 28°35 | 20° 4 | 20°50 | 23°19 | 20°57 | 21°57 | 11°25 | 2°15 | 3°25 | 29° 7 | 23°20 | F 3 |
| S 4 | 16 52 49 | 14°42'21 | 3 ∡ ³32 | 5°18 | 29°38 | 20° 7 | 21° 2 | 23°20 | 20°56 | 21°57 | 11°23 | 2°13 | 3°22 | 29°13 | 23°25 | S 4 |
| S 5 | 16 56 46 | 15°40'22 | 18°43 | 5°55 | 0Ω40 | 20°11 | 21°13 | 23°21 | 20°55 | 21°56 | 11°21 | 2°12 | 3°19 | 29°20 | 23°29 | S 5 |
| M 6 | 17 0 42 | 16°38'21 | 3 ප 46 | 6°27 | 1°42 | 20°15 | 21°24 | 23°22 | 20°54 | 21°56 | 11°20 | 2°D11 | 3°15 | 29°27 | 23°34 | M 6 |
| T 7 | 17 4 39 | 17°36'19 | 18°31 | 6°54 | 2°44 | 20°19 | 21°35 | 23°23 | 20°53 | 21°55 | 11°18 | 2°12 | 3°12 | 29°33 | 23°38 | T 7 |
| W 8 | 17 8 36 | 18°34'15 | 2≈54 | 7°16 | 3°45 | 20°25 | 21°46 | 23°25 | 20°52 | 21°55 | 11°16 | 2°13 | 3° 9 | 29°40 | 23°43 | W 8 |
| T 9 | 17 12 32 | 19°32'11 | 16°50 | 7°33 | 4°46 | 20°31 | 21°57 | 23°27 | 20°51 | 21°54 | 11°15 | 2°14 | 3° 6 | 29°47 | 23°48 | T 9 |
| F 10 | 17 16 29 | 20°30'05 | 0 ∺ 20 | 7°45 | 5°47 | 20°38 | 22° 8 | 23°28 | 20°50 | 21°54 | 11°13 | 2°15 | 3° 3 | 29°53 | 23°52 | F 10 |
| S 11 | 17 20 25 | 21°27'57 | 13°24 | 7°53 | 6°48 | 20°45 | 22°19 | 23°30 | 20°49 | 21°53 | 11°11 | 2°15 | 2°59 | 0 II 0 | 23°57 | S 11 |
| S 12 | 17 24 22 | 22°25'49 | 26° 6 | 7°R55 | 7°48 | 20°54 | 22°29 | 23°32 | 20°48 | 21°53 | 11°10 | 2°R15 | 2°56 | 0° 7 | 24° 2 | S 12 |
| M13 | 17 28 18 | 23°23'39 | 8 Υ 29 | 7°53 | 8°47 | 21° 2 | 22°40 | 23°34 | 20°47 | 21°52 | 11°8 | 2°15 | 2°53 | 0°13 | 24° 6 | M13 |
| T 14 | 17 32 15 | 24°21'29 | 20°38 | 7°46 | 9°47 | 21°12 | 22°50 | 23°36 | 20°46 | 21°51 | 11° 6 | 2°14 | 2°50 | 0°20 | 24°11 | T 14 |
| W15 | 17 36 11 | 25°19'17 | 2 8 36 | 7°35 | 10°45 | 21°22 | 23° 0 | 23°38 | 20°46 | 21°51 | 11° 5 | 2°14 | 2°47 | 0°27 | 24°15 | W15 |
| T 16 | 17 40 8 | 26°17'04 | 14°27 | 7°20 | 11°44 | 21°32 | 23°11 | 23°40 | 20°45 | 21°50 | 11° 3 | 2°13 | 2°44 | 0°33 | 24°20 | T 16 |
| F 17 | 17 44 5 | 27°14'51 | 26°16 | 7° 1 | 12°42 | 21°44 | 23°21 | 23°43 | 20°45 | 21°49 | 11° 2 | 2°12 | 2°40 | 0°40 | 24°25 | F 17 |
| S 18 | 17 48 1 | 28°12'36 | 8 I 4 | 6°38 | 13°39 | 21°55 | 23°31 | 23°45 | 20°44 | 21°48 | 11° 0 | 2°11 | 2°37 | 0°47 | 24°29 | S 18 |
| S 19 | 17 51 58 | 29°10'20 | 19°55 | 6°13 | 14°37 | 22° 8 | 23°40 | 23°48 | 20°44 | 21°48 | 10°58 | 2°11 | 2°34 | 0°53 | 24°34 | S 19 |
| M20 | 17 55 54 | 0ණ 8'03 | 1951 | 5°44 | 15°33 | 22°21 | 23°50 | 23°51 | 20°43 | 21°47 | 10°57 | 2°D11 | 2°31 | 1° 0 | 24°39 | M20 |
| T 21 | 17 59 51 | 1° 5'44 | 13°54 | 5°14 | 16°29 | 22°34 | 24° 0 | 23°53 | 20°43 | 21°46 | 10°55 | 2°11 | 2°28 | 1° 7 | 24°43 | T 21 |
| W22 | 18 3 47 | 2° 3'25 | 26° 6 | 4°42 | 17°25 | 22°48 | 24° 9 | 23°56 | 20°43 | 21°45 | 10°54 | 2°R11 | 2°25 | 1°13 | 24°48 | W22 |
| T 23 | 18 7 44 | 3° 1'04 | $8\Omega 29$ | 4° 9 | 18°20 | 23° 3 | 24°18 | 23°59 | 20°42 | 21°44 | 10°52 | 2°11 | 2°21 | 1°20 | 24°52 | T 23 |
| F 24 | 18 11 40 | 3°58'42 | 21° 5 | 3°35 | 19°15 | 23°18 | 24°28 | 24° 2 | 20°42 | 21°43 | 10°51 | 2°11 | 2°18 | 1°27 | 24°57 | F 24 |
| S 25 | 18 15 37 | 4°56'18 | 3 Mp 56 | 3° 2 | 20° 9 | 23°33 | 24°37 | 24° 6 | 20°42 | 21°42 | 10°49 | 2°11 | 2°15 | 1°33 | 25° 2 | S 25 |
| S 26 | 18 19 34 | 5°53'54 | 17° 3 | 2°29 | 21° 2 | 23°49 | 24°46 | 24° 9 | 20°42 | 21°41 | 10°48 | 2°10 | 2°12 | 1°40 | 25° 6 | S 26 |
| M27 | 18 23 30 | 6°51'28 | 0 ჲ 29 | 1°57 | 21°55 | 24° 6 | 24°55 | 24°12 | 20°D42 | 21°40 | 10°46 | 2°D10 | 2° 9 | 1°47 | 25°11 | M27 |
| T 28 | 18 27 27 | 7°49'00 | 14°14 | 1°28 | 22°47 | 24°23 | 25° 3 | 24°16 | 20°42 | 21°39 | 10°45 | 2°10 | 2° 5 | 1°53 | 25°15 | T 28 |
| W29 | 18 31 23 | 8°46'32 | 28°20 | 1° 0 | 23°39 | 24°40 | 25°12 | 24°19 | 20°42 | 21°38 | 10°43 | 2°11 | 2° 2 | 2° 0 | 25°20 | W29 |
| T 30 | 18 35 20 | 99544'02 | 12 M .44 | OS35 | $24\Omega 30$ | 24 ≏ 58 | 25 Y 20 | 24 Mp 23 | 20 <u>₽</u> 42 | 21≈37 | 10 × 742 | 2 ਰ 11 | 1 る 59 | 2 I 7 | 25 Ⅲ 24 | T 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | Ŋ | v | ţ | ę, | Day |
|--------------|----------------------|------------------------------|------------------------|----------------|----------------|------------------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|--------------|
| F 1 | 18 39 16 | 109541'31 | 27 M 24 | 0°R13 | 25 Ω 20 | 25 ≙ 17 | 25 Y 29 | 24M)26 | 20 ≙ 42 | 21°R36 | 10°R41 | 2 ට 12 | 1 궁 56 | 2 П 13 | 25∏29 | F 1 |
| S 2 | 18 43 13 | 11°38'59 | 12 ,7 14 | 29∏55 | 26° 9 | 25°36 | 25°37 | 24°30 | 20°42 | 21 ≈ 35 | 10 ∡ 39 | 2°12 | 1°53 | 2°20 | 25°33 | S 2 |
| S 3 | 18 47 9 | 12°36'26 | 27° 9 | 29°41 | 26°58 | 25°55 | 25°45 | 24°34 | 20°43 | 21°34 | 10°38 | 2°R13 | 1°50 | 2°27 | 25°38 | S 3 |
| M 4 T 5 | 18 51 6 18 55 3 | 13°33'52 14°31'18 | 12 る 0 26°40 | 29°30 29°24 | 27°46 28°33 | 26°15 26°35 | 25°53 26° 0 | 24°38 24°42 | 20°43 20°43 | 21°33 21°31 | 10°36 10°35 | 2°13 2°12 | 1°46 1°43 | 2°33 2°40 | 25°42 25°47 | M 4 T 5 |
| W 6 | 18 58 59 | 15°28'42 | 11 ≈ 2 | 29°D22 | 29°19 | 26°55 | 26° 8 | 24°46 | 20°44 | 21°30 | 10°34 | 2°11 | 1°40 | 2°47 | 25°51 | W 6 |
| T 7 | 19 2 56 | 16°26'06 | 25° 2 | 29°25 | 0 m) 5 | 27°16 | 26°15 | 24°50 | 20°44 | 21°29 | 10°33 | 2° 9 | 1°37 | 2°53 | 25°56 | T 7 |
| F 8 S 9 | 19 6 52 | 17°23'29 | 8) (37 | 29°32 29°44 | 0°49 1°33 | 27°38 | 26°23 | 24°55 | 20°45 | 21°28 21°26 | 10°31 10°30 | 2° 7 2° 5 | 1°34 | 3° 0 3° 7 | 26° 0 26° 5 | F 8 S 9 |
| , | 19 10 49 | 18°20'52 | 21°47 | _ | | 27°59 | 26°30 | 24°59 | 20°45 | _ | | _ | 1°31 | | | |
| S 10 M11 | 19 14 45 19 18 42 | 19°18'15 20°15'37 | 4 Υ 33 16°58 | 095 0 0°21 | 2°15 2°57 | 28°21 28°44 | 26°37 26°44 | 25° 4 25° 8 | 20°46 20°47 | 21°25 21°24 | 10°29 10°28 | 2° 4 2°D 3 | 1°27 1°24 | 3°13 3°20 | 26° 9 26°13 | S 10 M11 |
| T 12 | 19 18 42 | 20°13'37 21°12'59 | 29° 8 | 0°47 | 3°37 | 29° 7 | 26°50 | 25°13 | 20°47 | 21°22 | 10°26 | 2° 4 | 1°21 | 3°27 | 26°18 | T 12 |
| W13 | 19 26 35 | 22°10'20 | 118 5 | 1°17 | 4°17 | 29°30 | 26°57 | 25°17 | 20°48 | 21°21 | 10°25 | 2° 4 | 1°18 | 3°33 | 26°22 | W13 |
| T 14 | 19 30 32 | 23° 7'41 | 22°56 | 1°51 | 4°55 | 29°53 | 27° 3 | 25°22 | 20°49 | 21°20 | 10°24 | 2° 6 | 1°15 | 3°40 | 26°26 | T 14 |
| F 15 S 16 | 19 34 28 19 38 25 | 24° 5'03 25° 2'23 | 4 ∏ 44 16°34 | 2°30 3°13 | 5°32 6°8 | 0 M ₊17 0°41 | 27°10 27°16 | 25°27 25°32 | 20°50 20°51 | 21°18 21°17 | 10°23 10°22 | 2° 8 2° 9 | 1°11 1° 8 | 3°47 3°53 | 26°31 26°35 | F 15 S 16 |
| S 17 | 19 42 21 | 25°59'44 | 28°30 | 4° 0 | 6°43 | 1° 6 | 27°22 | 25°37 | 20°52 | 21°15 | 10°21 | 2°R10 | 1° 5 | 4° 0 | 26°39 | S 17 |
| M18 | 19 46 18 | 25°57'04 | 10934 | 4°52 | 7°16 | 1°31 | 27°27 | 25°42 | 20°53 | 21°14 | 10°21 | 2°10 | 1° 2 | 4° 7 | 26°43 | M18 |
| T 19 | 19 50 14 | 27°54'24 | 22°49 | 5°48 | 7°48 | 1°56 | 27°33 | 25°47 | 20°54 | 21°13 | 10°19 | 2° 8 | 0°59 | 4°13 | 26°48 | T 19 |
| W20 | 19 54 11 | 28°51'44 | 5 Ω 17 | 6°48 | 8°19 | 2°21 | 27°38 | 25°52 | 20°55 | 21°11 | 10°18 | 2° 5 | 0°56 | 4°20 | 26°52 | W20 |
| T 21 F 22 | 19 58 8 20 2 4 | 29°49'03 0 Ω 46'22 | 17°58 0 m 53 | 7°51 8°59 | 8°48 9°16 | 2°47 3°13 | 27°44 27°49 | 25°58 26° 3 | 20°57 20°58 | 21°10 21° 8 | 10°17 10°16 | 2° 2 1°57 | 0°52 0°49 | 4°27 4°33 | 26°56 27° 0 | T 21 F 22 |
| S 23 | 20 6 1 | 1°43'40 | 14° 2 | 10°11 | 9°42 | 3°40 | 27°54 | 26° 8 | 20°59 | 21° 7 | 10°15 | 1°53 | 0°46 | 4°40 | 27° 4 | S 23 |
| S 24 | 20 9 57 | 2°40'58 | 27°25 | 11°26 | 10° 6 | 4° 7 | 27°58 | 26°14 | 21° 1 | 21° 5 | 10°14 | 1°49 | 0°43 | 4°47 | 27° 8 | S 24 |
| M25 | 20 13 54 | 3°38'15 | 11₽ 1 | 12°46 | 10°29 | 4°34 | 28° 3 | 26°19 | 21° 2 | 21° 4 | 10°14 | 1°45 | 0°40 | 4°53 | 27°12 | M25 |
| T 26 | 20 17 50 | 4°35'32 | 24°49 | 14° 9 | 10°50 | 5° 1 | 28° 7 | 26°25 | 21° 3 | 21° 2 | 10°13 | 1°44 | 0°37 | 5° 0 | 27°16 | T 26 |
| W27 T 28 | 20 21 47 20 25 43 | 5°32'49 6°30'05 | 8ML50 23° 1 | 15°36 17° 6 | 11° 9 11°27 | 5°28 5°56 | 28°11 28°15 | 26°31 26°36 | 21° 5 21° 6 | 21° 1 20°59 | 10°12 10°11 | 1°D43 1°44 | 0°33 0°30 | 5° 7 5°13 | 27°20 27°24 | W27 T 28 |
| F 29 | 20 23 43 | 7°27'21 | 7 .7 21 | 17 6 18°40 | 11°42 | 6°24 | 28°19 | 26°42 | 21° 8 | 20°57 | 10°11 | 1°46 | 0°27 | 5°20 | 27°28 | F 29 |
| S 30 | 20 33 37 | 8°24'37 | 21°48 | 20°18 | 11°55 | 6°53 | 28°23 | 26°48 | 21°10 | 20°56 | 10°10 | 1°47 | 0°24 | 5°27 | 27°31 | S 30 |
| S 31 | 20 37 33 | 9 Ω 21'52 | 6 ට 19 | 21959 | 12 m 7 | 7 M 21 | 28 Y 26 | 26 m 54 | 21 ≏ 11 | 20≈54 | 10 × 9 | 1°R47 | 0 ට 21 | 5 Ⅱ 33 | 27 川 35 | S 31 |

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|------|----------|-------------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|--------|---------------|-----------------|-----------------|------|----------------|------|
| M 1 | 20 41 30 | 10Ω19'08 | 20 궁 47 | 239543 | 12 M)16 | 7 M .50 | 28 Y 30 | 27 Mg 0 | 21 ≏ 13 | 20°R53 | 10°R 9 | 1°R46 | 0 궁 17 | 5∏40 | 27 Ⅲ 39 | M 1 |
| T 2 | 20 45 26 | 11°16'23 | 5≈ 8 | 25°31 | 12°23 | 8°19 | 28°33 | 27° 6 | 21°15 | 20≈51 | 10 × 8 | 1 石 43 | 0°14 | 5°47 | 27°43 | T 2 |
| W 3 | 20 49 23 | 12°13'38 | 19°17 | 27°21 | 12°27 | 8°48 | 28°36 | 27°12 | 21°17 | 20°50 | 10° 7 | 1°38 | 0°11 | 5°53 | 27°46 | W 3 |
| T 4 | 20 53 19 | 13°10'54 | 3 ∺ 9 | 29°15 | 12°30 | 9°18 | 28°38 | 27°18 | 21°19 | 20°48 | 10° 7 | 1°31 | 0° 8 | 6° 0 | 27°50 | T 4 |
| F 5 | 20 57 16 | 14° 8'09 | 16°40 | 1 Q 11 | 12°R30 | 9°48 | 28°41 | 27°24 | 21°21 | 20°46 | 10° 6 | 1°25 | 0° 5 | 6° 6 | 27°54 | F 5 |
| S 6 | 21 112 | 15° 5'25 | 29°49 | 3°10 | 12°28 | 10°18 | 28°43 | 27°31 | 21°23 | 20°45 | 10° 6 | 1°18 | 0° 2 | 6°13 | 27°57 | S 6 |
| S 7 | 21 5 9 | 16° 2'41 | 12 Y 36 | 5°11 | 12°23 | 10°48 | 28°45 | 27°37 | 21°25 | 20°43 | 10° 6 | 1°12 | 29 × 758 | 6°20 | 28° 1 | S 7 |
| M 8 | 21 9 6 | 16°59'58 | 25° 3 | 7°14 | 12°16 | 11°19 | 28°47 | 27°43 | 21°27 | 20°41 | 10° 5 | 1° 8 | 29°55 | 6°26 | 28° 4 | M 8 |
| T 9 | 21 13 2 | 17°57'15 | 7 8 13 | 9°18 | 12° 7 | 11°49 | 28°49 | 27°50 | 21°29 | 20°40 | 10° 5 | 1° 6 | 29°52 | 6°33 | 28° 8 | T 9 |
| W10 | 21 16 59 | 18°54'33 | 19°11 | 11°24 | 11°56 | 12°20 | 28°51 | 27°56 | 21°31 | 20°38 | 10° 4 | 1°D 5 | 29°49 | 6°40 | 28°11 | W10 |
| | 21 20 55 | 19°51'52 | 1 II 2 | 13°31 | 11°42 | 12°51 | 28°52 | 28° 3 | 21°33 | 20°37 | 10° 4 | 1° 5 | 29°46 | 6°46 | 28°14 | T 11 |
| F 12 | 21 24 52 | 20°49'11 | 12°51 | 15°39 | 11°25 | 13°23 | 28°53 | 28° 9 | 21°36 | 20°35 | 10° 4 | 1° 7 | 29°43 | 6°53 | 28°18 | F 12 |
| S 13 | 21 28 48 | 21°46'31 | 24°43 | 17°47 | 11° 6 | 13°54 | 28°54 | 28°16 | 21°38 | 20°33 | 10° 4 | 1° 8 | 29°39 | 7° 0 | 28°21 | S 13 |
| S 14 | 21 32 45 | 22°43'51 | 69543 | 19°55 | 10°46 | 14°26 | 28°55 | 28°22 | 21°40 | 20°32 | 10° 3 | 1°R 8 | 29°36 | 7° 6 | 28°24 | S 14 |
| M15 | 21 36 41 | 23°41'12 | 18°55 | 22° 3 | 10°22 | 14°58 | 28°56 | 28°29 | 21°43 | 20°30 | 10° 3 | 1° 6 | 29°33 | 7°13 | 28°27 | M15 |
| T 16 | 21 40 38 | 24°38'34 | 1 N 21 | 24°10 | 9°57 | 15°30 | 28°56 | 28°36 | 21°45 | 20°29 | 10° 3 | 1° 2 | 29°30 | 7°20 | 28°30 | T 16 |
| W17 | 21 44 35 | 25°35'57 | 14° 5 | 26°17 | 9°30 | 16° 3 | 28°56 | 28°43 | 21°47 | 20°27 | 10° 3 | 0°56 | 29°27 | 7°26 | 28°34 | W17 |
| T 18 | 21 48 31 | 26°33'19 | 27° 6 | 28°23 | 9° 1 | 16°35 | 28°R56 | 28°49 | 21°50 | 20°25 | 10° 3 | 0°48 | 29°23 | 7°33 | 28°37 | T 18 |
| | 21 52 28 | 27°30'43 | 10 m 25 | 0 m 28 | 8°30 | 17° 8 | 28°56 | 28°56 | 21°53 | 20°24 | 10° 3 | 0°39 | 29°20 | 7°40 | 28°40 | F 19 |
| S 20 | 21 56 24 | 28°28'07 | 23°58 | 2°32 | 7°58 | 17°41 | 28°56 | 29° 3 | 21°55 | 20°22 | 10°D 3 | 0°29 | 29°17 | 7°46 | 28°42 | S 20 |
| S 21 | 22 0 21 | 29°25'31 | 7 £ 44 | 4°34 | 7°24 | 18°14 | 28°55 | 29°10 | 21°58 | 20°20 | 10° 3 | 0°21 | 29°14 | 7°53 | 28°45 | S 21 |
| | 22 4 17 | 0 Mp 22'56 | 21°39 | 6°36 | 6°50 | 18°48 | 28°54 | 29°17 | 22° 0 | 20°19 | 10° 3 | 0°13 | 29°11 | 8° 0 | 28°48 | M22 |
| _ | 22 8 14 | 1°20'22 | 5 M .41 | 8°35 | 6°14 | 19°21 | 28°53 | 29°24 | 22° 3 | 20°17 | 10° 3 | 0° 9 | 29° 8 | 8° 6 | 28°51 | T 23 |
| | 22 12 10 | 2°17'48 | 19°47 | 10°34 | 5°37 | 19°55 | 28°52 | 29°31 | 22° 6 | 20°16 | 10° 3 | 0° 6 | 29° 4 | 8°13 | 28°54 | W24 |
| T 25 | 22 16 7 | 3°15'14 | 3 . ₹55 | 12°30 | 5° 0 | 20°29 | 28°51 | 29°38 | 22° 9 | 20°14 | 10° 3 | 0°D 5 | 29° 1 | 8°20 | 28°56 | T 25 |
| F 26 | 22 20 4 | 4°12'41 | 18° 3 | 14°25 | 4°23 | 21° 3 | 28°49 | 29°45 | 22°11 | 20°13 | 10° 4 | 0° 6 | 28°58 | 8°26 | 28°59 | F 26 |
| S 27 | 22 24 0 | 5°10'09 | 2 ප 12 | 16°19 | 3°45 | 21°37 | 28°48 | 29°52 | 22°14 | 20°11 | 10° 4 | 0°R 6 | 28°55 | 8°33 | 29° 1 | S 27 |
| | 22 27 57 | 6° 7'37 | 16°19 | 18°11 | 3° 8 | 22°11 | 28°46 | 29°59 | 22°17 | 20° 9 | 10° 4 | 0° 5 | 28°52 | 8°40 | 29° 4 | S 28 |
| - | 22 31 53 | 7° 5'06 | 0≈22 | 20° 1 | 2°31 | 22°46 | 28°43 | 0요 7 | 22°20 | 20° 8 | 10° 5 | 0° 2 | 28°49 | 8°46 | 29° 6 | M29 |
| | 22 35 50 | 8° 2'35 | 14°18 | 21°50 | 1°54 | 23°21 | 28°41 | 0°14 | 22°23 | 20° 6 | 10° 5 | 29 × 756 | 28°45 | 8°53 | 29° 9 | T 30 |
| W31 | 22 39 46 | 9 m) 0'05 | 28 ≈ 5 | 23 m 37 | 1 m 19 | 23 M .56 | 28 Y 39 | 0 ჲ 21 | 22 ₽ 26 | 20≈ 5 | 10 ∡ 5 | 29 × 748 | 28 ∡ 42 | 8耳59 | 29耳11 | W31 |

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| T 1 | 22 43 43 | 9 m 57'36 | 11) 38 | 25 m 23 | 0°R45 | 24M31 | 28°R36 | 0 ჲ 29 | 22 £ 29 | 20°R 3 | 10 ∡ 6 | 29°R37 | 28 × 39 | 9 I I 6 | 29∏13 | T 1 |
| F 2 | 22 47 39 | 10°55'08 | 24°56 | 27° 7 | 0 m 12 | 25° 6 | 28 Y 33 | 0°36 | 22°32 | 20≈ 2 | 10° 6 | 29 х 26 | 28°36 | 9°13 | 29°16 | F 2 |
| S 3 | 22 51 36 | 11°52'41 | 7 Ƴ 55 | 28°49 | 29 Ω 40 | 25°41 | 28°30 | 0°43 | 22°35 | 20° 0 | 10° 7 | 29°14 | 28°33 | 9°19 | 29°18 | S 3 |
| S 4 | 22 55 32 | 12°50'15 | 20°36 | 0 ₽ 30 | 29°10 | 26°17 | 28°27 | 0°51 | 22°38 | 19°59 | 10° 7 | 29° 4 | 28°29 | 9°26 | 29°20 | S 4 |
| M 5 | 22 59 29 | 13°47'51 | 3 8 0 | 2°10 | 28°42 | 26°52 | 28°23 | 0°58 | 22°41 | 19°57 | 10° 8 | 28°56 | 28°26 | 9°33 | 29°22 | M 5 |
| T 6 | 23 3 26 | 14°45'28 | 15° 8 | 3°48 | 28°16 | 27°28 | 28°19 | 1° 5 | 22°44 | 19°56 | 10° 8 | 28°50 | 28°23 | 9°39 | 29°24 | T 6 |
| W 7 | 23 7 22 | 15°43'06 | 27° 6 | 5°24 | 27°52 | 28° 4 | 28°16 | 1°13 | 22°48 | 19°55 | 10° 9 | 28°46 | 28°20 | 9°46 | 29°26 | W 7 |
| T 8 | 23 11 19 | 16°40'45 | 8耳56 | 6°59 | 27°31 | 28°40 | 28°12 | 1°20 | 22°51 | 19°53 | 10° 9 | 28°45 | 28°17 | 9°53 | 29°28 | T 8 |
| F 9 | 23 15 15 | 17°38'27 | 20°45 | 8°33 | 27°11 | 29°17 | 28° 7 | 1°28 | 22°54 | 19°52 | 10°10 | 28°D45 | 28°14 | 9°59 | 29°29 | F 9 |
| S 10 | 23 19 12 | 18°36'09 | 2937 | 10° 5 | 26°54 | 29°53 | 28° 3 | 1°35 | 22°57 | 19°50 | 10°11 | 28°R45 | 28°10 | 10° 6 | 29°31 | S 10 |
| S 11 | 23 23 8 | 19°33'53 | 14°39 | 11°35 | 26°39 | 0 ₮ 30 | 27°58 | 1°43 | 23° 1 | 19°49 | 10°12 | 28°44 | 28° 7 | 10°13 | 29°33 | S 11 |
| M12 | 23 27 5 | 20°31'39 | 26°55 | 13° 4 | 26°27 | 1° 6 | 27°54 | 1°50 | 23° 4 | 19°48 | 10°12 | 28°41 | 28° 4 | 10°19 | 29°34 | M12 |
| T 13 | 23 31 1 | 21°29'25 | 9 Ω 29 | 14°31 | 26°17 | 1°43 | 27°49 | 1°58 | 23° 7 | 19°46 | 10°13 | 28°36 | 28° 1 | 10°26 | 29°36 | T 13 |
| W14 | 23 34 58 | 22°27'14 | 22°24 | 15°57 | 26° 9 | 2°20 | 27°44 | 2° 5 | 23°11 | 19°45 | 10°14 | 28°29 | 27°58 | 10°33 | 29°37 | W14 |
| T 15 | 23 38 55 | 23°25'04 | 5 Mp 42 | 17°22 | 26° 4 | 2°57 | 27°38 | 2°13 | 23°14 | 19°44 | 10°15 | 28°18 | 27°54 | 10°39 | 29°39 | T 15 |
| F 16 | 23 42 51 | 24°22'55 | 19°21 | 18°44 | 26° 1 | 3°35 | 27°33 | 2°20 | 23°17 | 19°42 | 10°16 | 28° 7 | 27°51 | 10°46 | 29°40 | F 16 |
| S 17 | 23 46 48 | 25°20'47 | 3 ჲ 20 | 20° 6 | 26°D 1 | 4°12 | 27°28 | 2°28 | 23°21 | 19°41 | 10°17 | 27°55 | 27°48 | 10°53 | 29°41 | S 17 |
| S 18 | 23 50 44 | 26°18'41 | 17°32 | 21°25 | 26° 3 | 4°50 | 27°22 | 2°35 | 23°24 | 19°40 | 10°18 | 27°43 | 27°45 | 10°59 | 29°43 | S 18 |
| M19 | 23 54 41 | 27°16'37 | 1 M 52 | 22°43 | 26° 7 | 5°27 | 27°16 | 2°43 | 23°28 | 19°39 | 10°19 | 27°34 | 27°42 | 11° 6 | 29°44 | M19 |
| T 20 | 23 58 37 | 28°14'33 | 16°16 | 23°59 | 26°13 | 6° 5 | 27°10 | 2°51 | 23°31 | 19°38 | 10°20 | 27°28 | 27°39 | 11°13 | 29°45 | T 20 |
| W21 | 0 2 34 | 29°12'31 | 0 ,₹ 37 | 25°13 | 26°22 | 6°43 | 27° 4 | 2°58 | 23°35 | 19°36 | 10°21 | 27°24 | 27°35 | 11°19 | 29°46 | W21 |
| T 22 | 0 630 | 0 ჲ 10'30 | 14°53 | 26°26 | 26°32 | 7°21 | 26°58 | 3° 6 | 23°38 | 19°35 | 10°22 | 27°22 | 27°32 | 11°26 | 29°47 | T 22 |
| F 23 | 0 10 27 | 1° 8'30 | 2 <u>9</u> ° 2 | 27°36 | 26°45 | 7°59 | 26°51 | 3°13 | 23°42 | 19°34 | 10°23 | 27°22 | 27°29 | 11°32 | 29°48 | F 23 |
| S 24 | 0 14 24 | 2° 6'32 | 13る 2 | 28°45 | 27° 0 | 8°38 | 26°45 | 3°21 | 23°45 | 19°33 | 10°24 | 27°22 | 27°26 | 11°39 | 29°49 | S 24 |
| S 25 | 0 18 20 | 3° 4'35 | 26°53 | 29°51 | 27°17 | 9°16 | 26°38 | 3°29 | 23°49 | 19°32 | 10°25 | 27°20 | 27°23 | 11°46 | 29°49 | S 25 |
| M26 | 0 22 17 | 4° 2'39 | 10≈35 | 0 M .55 | 27°35 | 9°55 | 26°31 | 3°36 | 23°53 | 19°31 | 10°27 | 27°17 | 27°20 | 11°52 | 29°50 | M26 |
| T 27 | 0 26 13 | 5° 0'44 | 24° 8 | 1°57 | 27°56 | 10°34 | 26°25 | 3°44 | 23°56 | 19°30 | 10°28 | 27°10 | 27°16 | 11°59 | 29°51 | T 27 |
| W28 | 0 30 10 | 5°58'50 | 7 ∺ 30 | 2°56 | 28°18 | 11°13 | 26°18 | 3°51 | 24° 0 | 19°29 | 10°29 | 27° 1 | 27°13 | 12° 6 | 29°51 | W28 |
| T 29 | 0 34 6 | 6°56'58 | 20°41 | 3°53 | 28°42 | 11°51 | 26°10 | 3°59 | 24° 3 | 19°28 | 10°30 | 26°49 | 27°10 | 12°12 | 29°52 | T 29 |
| F 30 | 0 38 3 | 7 ≙ 55'08 | 3 Υ 39 | 4 M .47 | 29⋒8 | 12 × 31 | 26 Y 3 | 4 요 7 | 24 ♀ 7 | 19≈27 | 10 ∡ 32 | 26 ∡ ³37 | 27 .₹ 7 | 12 Ⅱ 19 | 29∏52 | F 30 |

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| Day | Sid.t | 0 | D | φ | · | o ⁷ | 4 | ħ |)ұ(| ¥ | P 2 | ß | Ω | ţ | δ | Day |
|------|---------|------------------|-----------------|----------------|----------------|----------------|----------------|---------------|----------------|--------|-----------------|-----------------|----------------|----------------|--------|------|
| S 1 | 0 41 59 | 8 ₾ 53'19 | 16 Y 23 | 5 M 37 | 29 Ω 35 | 13 × 10 | 25°R56 | 4 ₽ 14 | 24 ≏ 11 | 19°R26 | 10 × 33 | 26°R24 | 27 ×7 4 | 12 Ⅱ 26 | 29∏52 | S 1 |
| S 2 | 0 45 56 | 9°51'32 | 28°52 | 6°25 | 0 Mp 4 | 13°49 | 25 Y 49 | 4°22 | 24°15 | 19≈25 | 10°35 | 26 × 13 | 27° 0 | 12°32 | 29°53 | S 2 |
| M 3 | 0 49 52 | 10°49'47 | 118 8 | 7° 9 | 0°35 | 14°29 | 25°41 | 4°29 | 24°18 | 19°24 | 10°36 | 26° 3 | 26°57 | 12°39 | 29°53 | M 3 |
| T 4 | 0 53 49 | 11°48'03 | 23°12 | 7°50 | 1° 7 | 15° 8 | 25°34 | 4°37 | 24°22 | 19°23 | 10°37 | 25°56 | 26°54 | 12°46 | 29°53 | T 4 |
| W 5 | 0 57 46 | 12°46'22 | 5 I I 6 | 8°26 | 1°40 | 15°48 | 25°26 | 4°45 | 24°26 | 19°23 | 10°39 | 25°52 | 26°51 | 12°52 | 29°53 | W 5 |
| T 6 | 1 1 42 | 13°44'43 | 16°54 | 8°59 | 2°15 | 16°28 | 25°18 | 4°52 | 24°29 | 19°22 | 10°40 | 25°50 | 26°48 | 12°59 | 29°R53 | T 6 |
| F 7 | 1 5 39 | 14°43'05 | 28°42 | 9°26 | 2°51 | 17° 7 | 25°11 | 5° 0 | 24°33 | 19°21 | 10°42 | 25°D50 | 26°45 | 13° 6 | 29°53 | F 7 |
| S 8 | 1 9 35 | 15°41'30 | 10933 | 9°49 | 3°28 | 17°47 | 25° 3 | 5° 7 | 24°37 | 19°20 | 10°44 | 25°R50 | 26°41 | 13°12 | 29°53 | S 8 |
| S 9 | 1 13 32 | 16°39'56 | 22°34 | 10° 7 | 4° 6 | 18°28 | 24°55 | 5°15 | 24°41 | 19°20 | 10°45 | 25°50 | 26°38 | 13°19 | 29°53 | S 9 |
| M10 | 1 17 28 | 17°38'25 | 4 Ω 49 | 10°19 | 4°46 | 19° 8 | 24°47 | 5°22 | 24°44 | 19°19 | 10°47 | 25°49 | 26°35 | 13°25 | 29°52 | M10 |
| T 11 | 1 21 25 | 18°36'55 | 17°25 | 10°R25 | 5°27 | 19°48 | 24°39 | 5°30 | 24°48 | 19°18 | 10°48 | 25°45 | 26°32 | 13°32 | 29°52 | T 11 |
| W12 | 1 25 21 | 19°35'28 | 0 m 24 | 10°25 | 6° 8 | 20°29 | 24°31 | 5°37 | 24°52 | 19°18 | 10°50 | 25°39 | 26°29 | 13°39 | 29°52 | W12 |
| T 13 | 1 29 18 | 20°34'03 | 13°49 | 10°19 | 6°51 | 21° 9 | 24°23 | 5°45 | 24°56 | 19°17 | 10°52 | 25°31 | 26°26 | 13°45 | 29°51 | T 13 |
| F 14 | 1 33 15 | 21°32'39 | 27°41 | 10° 5 | 7°35 | 21°50 | 24°15 | 5°52 | 24°59 | 19°17 | 10°54 | 25°22 | 26°22 | 13°52 | 29°51 | F 14 |
| S 15 | 1 37 11 | 22°31'18 | 11 ≏ 56 | 9°45 | 8°20 | 22°31 | 24° 7 | 5°59 | 25° 3 | 19°16 | 10°55 | 25°11 | 26°19 | 13°59 | 29°50 | S 15 |
| S 16 | 1 41 8 | 23°29'59 | 26°29 | 9°17 | 9° 6 | 23°12 | 23°59 | 6° 7 | 25° 7 | 19°16 | 10°57 | 25° 2 | 26°16 | 14° 5 | 29°49 | S 16 |
| M17 | 1 45 4 | 24°28'41 | 11 M .14 | 8°42 | 9°53 | 23°53 | 23°51 | 6°14 | 25°11 | 19°15 | 10°59 | 24°54 | 26°13 | 14°12 | 29°49 | M17 |
| T 18 | 1 49 1 | 25°27'26 | 26° 3 | 8° 0 | 10°40 | 24°34 | 23°43 | 6°22 | 25°15 | 19°15 | 11° 1 | 24°48 | 26°10 | 14°19 | 29°48 | T 18 |
| W19 | 1 52 57 | 26°26'12 | 10 ∡ 47 | 7°11 | 11°28 | 25°15 | 23°35 | 6°29 | 25°18 | 19°14 | 11° 2 | 24°46 | 26° 6 | 14°25 | 29°47 | W19 |
| T 20 | 1 56 54 | 27°25'00 | 2 <u>5</u> °21 | 6°17 | 12°18 | 25°56 | 23°27 | 6°36 | 25°22 | 19°14 | 11° 4 | 24°D45 | 26° 3 | 14°32 | 29°46 | T 20 |
| F 21 | 2 0 50 | 28°23'49 | 9 ප 40 | 5°17 | 13° 8 | 26°38 | 23°19 | 6°43 | 25°26 | 19°14 | 11° 6 | 24°45 | 26° 0 | 14°39 | 29°45 | F 21 |
| S 22 | 2 4 47 | 29°22'40 | 23°44 | 4°13 | 13°58 | 27°19 | 23°11 | 6°51 | 25°30 | 19°13 | 11° 8 | 24°R46 | 25°57 | 14°45 | 29°44 | S 22 |
| S 23 | 2 8 44 | 0M21'33 | 7≈31 | 3° 6 | 14°50 | 28° 1 | 23° 3 | 6°58 | 25°34 | 19°13 | 11°10 | 24°46 | 25°54 | 14°52 | 29°43 | S 23 |
| M24 | 2 12 40 | 1°20'27 | 21° 3 | 1°58 | 15°42 | 28°42 | 22°55 | 7° 5 | 25°37 | 19°13 | 11°12 | 24°44 | 25°51 | 14°59 | 29°41 | M24 |
| T 25 | 2 16 37 | 2°19'23 | 4) (19 | 0°50 | 16°34 | 29°24 | 22°47 | 7°12 | 25°41 | 19°13 | 11°14 | 24°40 | 25°47 | 15° 5 | 29°40 | T 25 |
| W26 | 2 20 33 | 3°18'20 | 17°22 | 29 ≏ 44 | 17°28 | 0중 6 | 22°40 | 7°19 | 25°45 | 19°12 | 11°16 | 24°34 | 25°44 | 15°12 | 29°39 | W26 |
| T 27 | 2 24 30 | 4°17'20 | 0 Υ 12 | 28°43 | 18°22 | 0°48 | 22°32 | 7°27 | 25°49 | 19°12 | 11°18 | 24°26 | 25°41 | 15°18 | 29°37 | T 27 |
| F 28 | 2 28 26 | 5°16'21 | 12°50 | 27°48 | 19°17 | 1°30 | 22°24 | 7°34 | 25°52 | 19°12 | 11°20 | 24°17 | 25°38 | 15°25 | 29°36 | F 28 |
| S 29 | 2 32 23 | 6°15'24 | 25°16 | 27° 0 | 20°12 | 2°12 | 22°17 | 7°41 | 25°56 | 19°12 | 11°22 | 24° 8 | 25°35 | 15°32 | 29°34 | S 29 |
| S 30 | 2 36 19 | 7°14'28 | 7 8 32 | 26°20 | 21° 8 | 2°55 | 22° 9 | 7°48 | 26° 0 | 19°12 | 11°24 | 24° 0 | 25°31 | 15°38 | 29°33 | S 30 |
| M31 | 2 40 16 | 8M13'35 | 19 8 37 | 25 ≙ 51 | 22 Mp 4 | 3 る 37 | 22 ° 2 | 7 ≙ 54 | 26 ♀ 4 | 19°D12 | 11 × 126 | 23 × 753 | 25 ₹ 28 | 15 Ⅱ 45 | 29∏31 | M31 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)∤(| ¥ | В | n | v | ţ | ę, | Day |
|------|---------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|-----------------|----------------|-----------------|-----------------|-----------------|------|
| T 1 | 2 44 13 | 9 m 12'44 | 1 Ⅱ 34 | 25°R31 | 23 mg 1 | 4 る 20 | 21°R55 | 8 亞 1 | 26 ♀ 7 | 19≈12 | 11 × 128 | 23°R48 | 25 ₹ 25 | 15 Ⅱ 52 | 29°R29 | T 1 |
| W 2 | 2 48 9 | 10°11'55 | 13°24 | 25°D23 | 23°58 | 5° 2 | 21 Y 47 | 8° 8 | 26°11 | 19°12 | 11°30 | 23 х 46 | 25°22 | 15°58 | 29Ⅱ28 | W 2 |
| T 3 | 2 52 6 | 11°11'08 | 25°11 | 25 ≏ 25 | 24°56 | 5°45 | 21°40 | 8°15 | 26°15 | 19°12 | 11°33 | 23°D45 | 25°19 | 16° 5 | 29°26 | T 3 |
| F 4 | 2 56 2 | 12°10'23 | 6958 | 25°38 | 25°55 | 6°27 | 21°33 | 8°22 | 26°18 | 19°12 | 11°35 | 23°46 | 25°16 | 16°12 | 29°24 | F 4 |
| S 5 | 2 59 59 | 13° 9'41 | 18°49 | 26° 1 | 26°54 | 7°10 | 21°26 | 8°29 | 26°22 | 19°12 | 11°37 | 23°47 | 25°12 | 16°18 | 29°22 | S 5 |
| S 6 | 3 3 55 | 14° 9'00 | 0 Ω 48 | 26°34 | 27°53 | 7°53 | 21°19 | 8°35 | 26°26 | 19°13 | 11°39 | 23°49 | 25° 9 | 16°25 | 29°20 | S 6 |
| M 7 | 3 7 52 | 15° 8'22 | 13° 2 | 27°16 | 28°53 | 8°36 | 21°13 | 8°42 | 26°29 | 19°13 | 11°41 | 23°R50 | 25° 6 | 16°32 | 29°18 | M 7 |
| T 8 | 3 11 48 | 16° 7'46 | 25°34 | 28° 7 | 29°53 | 9°19 | 21° 6 | 8°49 | 26°33 | 19°13 | 11°44 | 23°49 | 25° 3 | 16°38 | 29°16 | T 8 |
| W 9 | 3 15 45 | 17° 7'12 | 8 m /30 | 29° 5 | 0 ჲ 54 | 10° 2 | 21° 0 | 8°55 | 26°37 | 19°13 | 11°46 | 23°47 | 25° 0 | 16°45 | 29°13 | W 9 |
| T 10 | 3 19 42 | 18° 6'41 | 21°52 | OM 9 | 1°55 | 10°46 | 20°53 | 9° 2 | 26°40 | 19°14 | 11°48 | 23°44 | 24°57 | 16°52 | 29°11 | T 10 |
| F 11 | 3 23 38 | 19° 6'11 | 5 ≙ 43 | 1°20 | 2°57 | 11°29 | 20°47 | 9° 8 | 26°44 | 19°14 | 11°50 | 23°39 | 24°53 | 16°58 | 29° 9 | F 11 |
| S 12 | 3 27 35 | 20° 5'44 | 20° 1 | 2°36 | 3°59 | 12°12 | 20°41 | 9°14 | 26°47 | 19°15 | 11°52 | 23°34 | 24°50 | 17° 5 | 29° 6 | S 12 |
| S 13 | 3 31 31 | 21° 5'19 | 4 M .43 | 3°56 | 5° 1 | 12°56 | 20°35 | 9°21 | 26°51 | 19°15 | 11°55 | 23°29 | 24°47 | 17°11 | 29° 4 | S 13 |
| M14 | 3 35 28 | 22° 4'56 | 19°41 | 5°20 | 6° 3 | 13°39 | 20°30 | 9°27 | 26°54 | 19°15 | 11°57 | 23°25 | 24°44 | 17°18 | 29° 2 | M14 |
| T 15 | 3 39 24 | 23° 4'35 | 4 ₹ 48 | 6°47 | 7° 6 | 14°23 | 20°24 | 9°33 | 26°58 | 19°16 | 11°59 | 23°22 | 24°41 | 17°25 | 28°59 | T 15 |
| W16 | 3 43 21 | 24° 4'16 | 19°53 | 8°17 | 8°10 | 15° 7 | 20°19 | 9°40 | 27° 1 | 19°16 | 12° 2 | 23°D21 | 24°37 | 17°31 | 28°56 | W16 |
| T 17 | 3 47 17 | 25° 3'59 | 4 ⋜ 48 | 9°49 | 9°13 | 15°51 | 20°13 | 9°46 | 27° 5 | 19°17 | 12° 4 | 23°21 | 24°34 | 17°38 | 28°54 | T 17 |
| F 18 | 3 51 14 | 26° 3'43 | 19°27 | 11°23 | 10°17 | 16°35 | 20° 8 | 9°52 | 27° 8 | 19°18 | 12° 6 | 23°23 | 24°31 | 17°45 | 28°51 | F 18 |
| S 19 | 3 55 11 | 27° 3'29 | 3≈44 | 12°58 | 11°21 | 17°19 | 20° 3 | 9°58 | 27°12 | 19°18 | 12° 9 | 23°24 | 24°28 | 17°51 | 28°48 | S 19 |
| S 20 | 3 59 7 | 28° 3'17 | 17°39 | 14°35 | 12°26 | 18° 3 | 19°58 | 10° 4 | 27°15 | 19°19 | 12°11 | 23°25 | 24°25 | 17°58 | 28°46 | S 20 |
| M21 | 4 3 4 | 29° 3'06 | 1 米 11 | 16°12 | 13°31 | 18°47 | 19°54 | 10°10 | 27°19 | 19°20 | 12°13 | 23°R26 | 24°22 | 18° 5 | 28°43 | M21 |
| T 22 | 4 7 0 | 0 才 2'56 | 14°22 | 17°50 | 14°36 | 19°31 | 19°50 | 10°15 | 27°22 | 19°20 | 12°16 | 23°25 | 24°18 | 18°11 | 28°40 | T 22 |
| W23 | 4 10 57 | 1° 2'48 | 27°15 | 19°28 | 15°41 | 20°15 | 19°45 | 10°21 | 27°25 | 19°21 | 12°18 | 23°23 | 24°15 | 18°18 | 28°37 | W23 |
| T 24 | 4 14 53 | 2° 2'42 | 9 Ƴ 51 | 21° 7 | 16°47 | 21° 0 | 19°41 | 10°27 | 27°29 | 19°22 | 12°20 | 23°20 | 24°12 | 18°25 | 28°34 | T 24 |
| F 25 | 4 18 50 | 3° 2'38 | 22°13 | 22°46 | 17°52 | 21°44 | 19°37 | 10°32 | 27°32 | 19°23 | 12°23 | 23°17 | 24° 9 | 18°31 | 28°31 | F 25 |
| S 26 | 4 22 46 | 4° 2'35 | 4 8 25 | 24°24 | 18°59 | 22°29 | 19°34 | 10°38 | 27°35 | 19°24 | 12°25 | 23°14 | 24° 6 | 18°38 | 28°28 | S 26 |
| S 27 | 4 26 43 | 5° 2'33 | 16°27 | 26° 3 | 20° 5 | 23°13 | 19°30 | 10°43 | 27°38 | 19°24 | 12°28 | 23°11 | 24° 3 | 18°44 | 28°25 | S 27 |
| M28 | 4 30 40 | 6° 2'34 | 28°23 | 27°42 | 21°11 | 23°58 | 19°27 | 10°49 | 27°41 | 19°25 | 12°30 | 23° 9 | 23°59 | 18°51 | 28°22 | M28 |
| T 29 | 4 34 36 | 7° 2'36 | 10 ∐ 14 | 29°20 | 22°18 | 2 <u>4</u> °43 | 19°24 | 10°54 | 27°45 | 19°26 | 12°32 | 23° 7 | 23°56 | 18°58 | 28°19 | T 29 |
| W30 | 4 38 33 | 8 才 2'40 | 22 II 2 | 0 才 59 | 23 ≏ 25 | 25 る 27 | 19 Y 21 | 10 ≏ 59 | 27 ≏ 48 | 19≈27 | 12 ₹ 35 | 23°D 7 | 23 × 753 | 19 I I 4 | 28 I I16 | W30 |

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|------|---------|------------------|-----------------|----------------|----------------|----------------|----------------|---------------|----------------|-------|-----------------|----------------|-----------------|-----------------|--------|------|
| T 1 | 4 42 29 | 9 ∡¹ 2'46 | 39549 | 2 , ₹37 | 24 <u>₽</u> 33 | 26 궁 12 | 19°R18 | 11 ♀ 5 | 27 ≏ 51 | 19≈28 | 12 × 37 | 23 ×7 7 | 23 × 750 | 19 Ⅱ 11 | 28°R13 | T 1 |
| F 2 | 4 46 26 | 10° 2'54 | 15°38 | 4°15 | 25°40 | 26°57 | 19 Y 16 | 11°10 | 27°54 | 19°29 | 12°40 | 23° 8 | 23°47 | 19°18 | 28耳10 | F 2 |
| S 3 | 4 50 22 | 11° 3'03 | 27°32 | 5°52 | 26°48 | 27°42 | 19°14 | 11°15 | 27°57 | 19°30 | 12°42 | 23° 9 | 23°43 | 19°24 | 28° 7 | S 3 |
| S 4 | 4 54 19 | 12° 3'15 | 9 Ω 35 | 7°30 | 27°56 | 28°27 | 19°11 | 11°20 | 28° 0 | 19°32 | 12°44 | 23°10 | 23°40 | 19°31 | 28° 3 | S 4 |
| M 5 | 4 58 15 | 13° 3'28 | 21°49 | 9° 6 | 29° 4 | 29°12 | 19°10 | 11°25 | 28° 3 | 19°33 | 12°47 | 23°11 | 23°37 | 19°38 | 28° 0 | M 5 |
| T 6 | 5 2 12 | 14° 3'43 | 4 Mp 20 | 10°43 | 0ML12 | 29°57 | 19°8 | 11°30 | 28° 6 | 19°34 | 12°49 | 23°12 | 23°34 | 19°44 | 27°57 | T 6 |
| W 7 | 5 6 9 | 15° 4'00 | 17°10 | 12°20 | 1°21 | 0≈43 | 19° 6 | 11°34 | 28° 9 | 19°35 | 12°52 | 23°R12 | 23°31 | 19°51 | 27°53 | W 7 |
| T 8 | 5 10 5 | 16° 4'19 | 0 ≏ 25 | 13°56 | 2°30 | 1°28 | 19° 5 | 11°39 | 28°12 | 19°36 | 12°54 | 23°12 | 23°28 | 19°58 | 27°50 | T 8 |
| F 9 | 5 14 2 | 17° 4'40 | 14° 5 | 15°32 | 3°38 | 2°13 | 19° 4 | 11°43 | 28°14 | 19°38 | 12°57 | 23°11 | 23°24 | 20° 4 | 27°47 | F 9 |
| S 10 | 5 17 58 | 18° 5'03 | 28°13 | 17° 7 | 4°48 | 2°59 | 19° 3 | 11°48 | 28°17 | 19°39 | 12°59 | 23°11 | 23°21 | 20°11 | 27°43 | S 10 |
| S 11 | 5 21 55 | 19° 5'27 | 12 M .46 | 18°42 | 5°57 | 3°44 | 19° 3 | 11°52 | 28°20 | 19°40 | 13° 1 | 23°10 | 23°18 | 20°18 | 27°40 | S 11 |
| M12 | 5 25 51 | 20° 5'54 | 27°40 | 20°18 | 7° 6 | 4°30 | 19° 2 | 11°57 | 28°23 | 19°41 | 13° 4 | 23°10 | 23°15 | 20°24 | 27°37 | M12 |
| T 13 | 5 29 48 | 21° 6'22 | 12 ,7 49 | 21°52 | 8°16 | 5°15 | 19° 2 | 12° 1 | 28°25 | 19°43 | 13° 6 | 23°10 | 23°12 | 20°31 | 27°33 | T 13 |
| W14 | 5 33 44 | 22° 6'51 | 28° 3 | 23°27 | 9°25 | 6° 1 | 19°D 2 | 12° 5 | 28°28 | 19°44 | 13° 9 | 23°D10 | 23° 9 | 20°37 | 27°30 | W14 |
| T 15 | 5 37 41 | 23° 7'23 | 13 る 12 | 25° 2 | 10°35 | 6°47 | 19° 2 | 12° 9 | 28°31 | 19°46 | 13°11 | 23°R10 | 23° 5 | 20°44 | 27°26 | T 15 |
| F 16 | 5 41 38 | 24° 7'55 | 28° 8 | 26°36 | 11°45 | 7°32 | 19° 2 | 12°13 | 28°33 | 19°47 | 13°13 | 23°10 | 23° 2 | 20°51 | 27°23 | F 16 |
| S 17 | 5 45 34 | 25° 8'28 | 12≈42 | 28°10 | 12°55 | 8°18 | 19° 3 | 12°17 | 28°36 | 19°49 | 13°16 | 23° 9 | 22°59 | 20°57 | 27°20 | S 17 |
| S 18 | 5 49 31 | 26° 9'03 | 26°51 | 29°44 | 14° 6 | 9° 4 | 19° 4 | 12°21 | 28°38 | 19°50 | 13°18 | 23° 9 | 22°56 | 21° 4 | 27°16 | S 18 |
| M19 | 5 53 27 | 27° 9'39 | 10 ∺ 33 | 1 궁 18 | 15°16 | 9°50 | 19° 5 | 12°24 | 28°40 | 19°52 | 13°20 | 23° 9 | 22°53 | 21°11 | 27°13 | M19 |
| T 20 | 5 57 24 | 28°10'15 | 23°48 | 2°51 | 16°26 | 10°36 | 19° 6 | 12°28 | 28°43 | 19°53 | 13°23 | 23°D 9 | 22°49 | 21°17 | 27° 9 | T 20 |
| W21 | 6 1 20 | 29°10'53 | 6 Υ 40 | 4°25 | 17°37 | 11°22 | 19° 8 | 12°32 | 28°45 | 19°55 | 13°25 | 23° 9 | 22°46 | 21°24 | 27° 6 | W21 |
| T 22 | 6 5 17 | 0중11'32 | 19°11 | 5°59 | 18°48 | 12° 8 | 19° 9 | 12°35 | 28°47 | 19°56 | 13°27 | 23° 9 | 22°43 | 21°31 | 27° 2 | T 22 |
| F 23 | 6 9 14 | 1°12'12 | 1826 | 7°32 | 19°59 | 12°54 | 19°11 | 12°38 | 28°50 | 19°58 | 13°30 | 23°10 | 22°40 | 21°37 | 26°59 | F 23 |
| S 24 | 6 13 10 | 2°12'53 | 13°28 | 9° 5 | 21°10 | 13°40 | 19°13 | 12°41 | 28°52 | 20° 0 | 13°32 | 23°11 | 22°37 | 21°44 | 26°55 | S 24 |
| S 25 | 6 17 7 | 3°13'35 | 25°23 | 10°39 | 22°21 | 14°27 | 19°15 | 12°45 | 28°54 | 20° 1 | 13°34 | 23°12 | 22°34 | 21°51 | 26°52 | S 25 |
| M26 | 6 21 3 | 4°14'17 | 7 Ⅱ 12 | 12°12 | 23°32 | 15°13 | 19°18 | 12°48 | 28°56 | 20° 3 | 13°37 | 23°13 | 22°30 | 21°57 | 26°49 | M26 |
| T 27 | 6 25 0 | 5°15'01 | 18°59 | 13°45 | 24°43 | 15°59 | 19°20 | 12°50 | 28°58 | 20° 5 | 13°39 | 23°R13 | 22°27 | 22° 4 | 26°45 | T 27 |
| W28 | 6 28 56 | 6°15'46 | 09647 | 15°18 | 25°55 | 16°46 | 19°23 | 12°53 | 29° 0 | 20° 7 | 13°41 | 23°13 | 22°24 | 22°10 | 26°42 | W28 |
| T 29 | 6 32 53 | 7°16'33 | 12°39 | 16°51 | 27° 6 | 17°32 | 19°26 | 12°56 | 29° 2 | 20° 8 | 13°43 | 23°12 | 22°21 | 22°17 | 26°38 | T 29 |
| F 30 | 6 36 49 | 8°17'20 | 24°35 | 18°24 | 28°18 | 18°18 | 19°30 | 12°59 | 29° 4 | 20°10 | 13°46 | 23°11 | 22°18 | 22°24 | 26°35 | F 30 |
| S 31 | 6 40 46 | 9 ට 18'08 | 6 Ω 37 | 19 る 57 | 29MJ30 | 19 ≈ 5 | 19 Y 33 | 13 ♀ 1 | 29 ♀ 6 | 20≈12 | 13 ×7 48 | 23 × 8 | 22 × 15 | 22 II 30 | 26Ⅲ32 | S 31 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)Å(| Ħ | В | n | v | Ç | Š, | Day |
|--------------|--------------------|---------------------|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|--------------|
| S 1 | 6 44 43 | 10 궁 18'57 | 18 Ω 49 | 21る30 | 0 ∡ 742 | 19 ≈ 51 | 19 Ƴ 37 | 13 ♀ 4 | 29 º 8 | 20≈14 | 13 × 750 | 23°R 6 | 22 × 11 | 22 川 37 | 26°R28 | S 1 |
| M 2 | 6 48 39 | 11°19'48 | 1 m) 12 | 23° 3 | 1°54 | 20°38 | 19°40 | 13° 6 | 29° 9 | 20°16 | 13°52 | 23 × 3 | 22° 8 | 22°44 | 26 Ⅱ 25 | M 2 |
| T 3 | 6 52 36 | 12°20'39 | 13°48 | 24°35 | 3° 6 | 21°24 | 19°44 | 13° 8 | 29°11 | 20°17 | 13°55 | 23° 0 | 22° 5 | 22°50 | 26°22 | T 3 |
| W 4 | 6 56 32 | 13°21'32 | 26°40 | 26° 8 | 4°18 | 22°11 | 19°49 | 13°10 | 29°13 | 20°19 | 13°57 | 22°58 | 22° 2 | 22°57 | 26°19 | W 4 |
| T 5 | 7 0 29 | 14°22'26 | 9 <u>₽</u> 50 | 27°40 | 5°30 | 22°58 | 19°53 | 13°12 | 29°14 | 20°21 | 13°59 | 22°D57 | 21°59 | 23° 4 | 26°15 | T 5 |
| F 6 | 7 4 25 | 15°23'20 | 23°20 | 29°12 | 6°42 | 23°44 | 19°58 | 13°14 | 29°16 | 20°23 | 14° 1 | 22°58 | 21°55 | 23°10 | 26°12 | F 6 |
| S 7 | 7 8 22 | 16°24'17 | 7 M .13 | 0≈44 | 7°55 | 24°31 | 20° 2 | 13°16 | 29°17 | 20°25 | 14° 3 | 22°59 | 21°52 | 23°17 | 26° 9 | S 7 |
| S 8 | 7 12 18 | 17°25'14 | 21°28 | 2°15 | 9° 7 | 25°18 | 20° 7 | 13°17 | 29°19 | 20°27 | 14° 5 | 23° 0 | 21°49 | 23°24 | 26° 6 | S 8 |
| M 9 | 7 16 15 | 18°26'12 | 6 √ 4 | 3°46 | 10°20 | 26° 5 | 20°13 | 13°19 | 29°20 | 20°29 | 14° 7 | 23° 1 | 21°46 | 23°30 | 26° 3 | M 9 |
| T 10 | 7 20 12 | 19°27'11 | 20°57 | 5°16 | 11°32 | 26°51 | 20°18 | 13°20 | 29°22 | 20°31 | 14° 9 | 23°R 2 | 21°43 | 23°37 | 26° 0 | T 10 |
| W11 | 7 24 8 | 20°28'12 | 6중 1 | 6°46 | 12°45 | 27°38 | 20°23 | 13°22 | 29°23 | 20°33 | 14°12 | 23° 2 | 21°40 | 23°44 | 25°56 | W11 |
| T 12 | 7 28 5 | 21°29'12 | 21° 6 | 8°15 | 13°58 | 28°25 | 20°29 | 13°23 | 29°24 | 20°35 | 14°14 | 23° 0 | 21°36 | 23°50 | 25°53 | T 12 |
| F 13 | 7 32 1 | 22°30'14 | 6 ≈ 4 | 9°43 11° 9 | 15°10 | 29°12 29°59 | 20°35 | 13°24 | 29°25 | 20°37 20°39 | 14°16 | 22°56 | 21°33 | 23°57 24° 3 | 25°50 | F 13 S 14 |
| S 14 | 7 35 58 | 23°31'16 | 20°46 | | 16°23 | | 20°41 | 13°25 | 29°27 | | 14°18 | 22°52 | 21°30 | 24 3 | 25°48 | |
| S 15 | 7 39 54 | 24°32'18 | 5 米 6 | 12°34 | 17°36 | 0) 46 | 20°47 | 13°26 | 29°28 | 20°41 | 14°20 | 22°47 | 21°27 | 24°10 | 25°45 | S 15 |
| M16 | 7 43 51 | 25°33'20 | 18°58 | 13°57 | 18°49 | 1°33 | 20°54 | 13°27 | 29°29 | 20°43 | 14°21 | 22°42 | 21°24 | 24°17 | 25°42 | M16 |
| T 17 | 7 47 47 | 26°34'23 | 2 Υ 22 | 15°18 | 20° 2 | 2°20 | 21° 0 | 13°28 | 29°30 | 20°46 | 14°23 | 22°38 | 21°21 | 24°23 | 25°39 | T 17 |
| W18 | 7 51 44 | 27°35'25 | 15°19 | 16°37 | 21°15 | 3° 7 | 21° 7 | 13°28 | 29°30 | 20°48 | 14°25 | 22°36 | 21°17 | 24°30 | 25°36 | W18 |
| T 19 | 7 55 41 | 28°36'28 | 27°53 | 17°52 19°4 | 22°28 | 3°54 | 21°14 | 13°29 | 29°31 | 20°50 | 14°27 | 22°D35 | 21°14 | 24°37 | 25°33 | T 19 |
| F 20 S 21 | 7 59 37 8 3 34 | 29°37'31 0≈38'34 | 10 8 7 22° 8 | 20°12 | 23°41 24°55 | 4°41 5°28 | 21°21 21°28 | 13°29 13°29 | 29°32 29°33 | 20°52 20°54 | 14°29 14°31 | 22°36 22°37 | 21°11 21° 8 | 24°43 24°50 | 25°31 25°28 | F 20 S 21 |
| | | | | | | | | | | | | | | | | |
| S 22 | 8 7 30 | 1°39'38 | 3Ⅱ59 | 21°15 | 26° 8 | 6°15 | 21°35 | 13°29 | 29°34 | 20°56 | 14°33 | 22°39 | 21° 5 | 24°57 | 25°25 | S 22 |
| M23 | 8 11 27 | 2°40'41 | 15°45 | 22°13 | 27°21 | 7° 3 | 21°43 | 13°R29 | 29°34 | 20°58 | 14°34 | 22°40 | 21° 1 | 25° 3 | 25°23 | M23 |
| T 24 | 8 15 23 | 3°41'44 | 27°32 | 23° 4 | 28°35 | 7°50 | 21°51 | 13°29 | 29°35 | 21° 1 | 14°36 | 22°R40 | 20°58 | 25°10 | 25°20 | T 24 |
| W25 | 8 19 20 | 4°42'47 | 99523 | 23°49 | 29°48 | 8°37 | 21°59 | 13°29 | 29°35 | 21° 3 | 14°38 | 22°39 | 20°55 | 25°17 | 25°18 | W25 |
| T 26 | 8 23 17 | 5°43'50 | 21°20 | 24°25 | 1る 2 2°15 | 9°24 | 22° 7 | 13°29 | 29°36 | 21° 5 21° 7 | 14°40 | 22°35 | 20°52 | 25°23 | 25°16 | T 26 F 27 |
| F 27 S 28 | 8 27 13 8 31 10 | 6°44'54 7°45'57 | 3 Ω 26 15°43 | 24°53 25°10 | 3°29 | 10°11 10°58 | 22°15 22°23 | 13°28 13°28 | 29°36 29°36 | 21° / 21°10 | 14°41 14°43 | 22°29 22°21 | 20°49 20°46 | 25°30 25°36 | 25°13 25°11 | S 28 |
| | | | | | | | | | | | _ | | | | - | |
| S 29 | 8 35 6 | 8°47'00 | 28°10 | 25°R17 | 4°42 | 11°46 | 22°31 | 13°27 | 29°37 | 21°12 | 14°45 | 22°13 | 20°42 | 25°43 | 25° 9 | S 29 |
| M30 | 8 39 3 | 9°48'03 | 10 m 50 | 25°13 | 5°56 | 12°33 | 22°40 | 13°26 | 29°37 | 21°14 | 14°46 | 22° 4 | 20°39 | 25°50 | 25° 7 | M30 |
| T31 | 8 42 59 | 10≈49'07 | 23 Mp 41 | 24≈57 | 7 云 10 | 13 ∺ 20 | 22 Y 49 | 13 ≏ 25 | 29 ≏ 37 | 21≈16 | 14 ×7 48 | 21 × 755 | 20 ∡ ³36 | 25∏56 | 25Ⅱ 4 | T 31 |

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| | | - | - | · | • | _ | · · | · | · | | | | | | _ | , |
| W 1 | 8 46 56 | 11≈50'10 | 6 ₽ 45 | 24°R29 | 8 건 23 | 14 ∺ 7 | 22 Υ 58 | 13°R24 | 29 <u>₽</u> 37 | 21≈18 | 14 × 749 | 21°R48 | 20 × 33 | 26 I I 3 | 25°R 2 | W 1 |
| T 2 | 8 50 52 | 12°51'14 | 20° 2 | 23≈50 | 9°37 | 14°55 | 23° 7 | 13 Ω 23 | 29°37 | 21°21 | 14°51 | 21 🗷 43 | 20°30 | 26°10 | 25 II 0 | T 2 |
| F 3 | 8 54 49 | 13°52'18 | 3 M .32 | 22°59 | 10°51 | 15°42 | 23°16 | 13°22 | 29°R37 | 21°23 | 14°52 | 21°41 | 20°27 | 26°16 | 24°58 | F 3 |
| S 4 | 8 58 46 | 14°53'22 | 17°17 | 21°59 | 12° 5 | 16°29 | 23°25 | 13°21 | 29°37 | 21°25 | 14°54 | 21°D40 | 20°23 | 26°23 | 24°57 | S 4 |
| S 5 | 9 2 42 | 15°54'26 | 1 √ 17 | 20°51 | 13°19 | 17°16 | 23°34 | 13°19 | 29°37 | 21°27 | 14°55 | 21°41 | 20°20 | 26°30 | 24°55 | S 5 |
| M 6 | 9 6 3 9 | 16°55'30 | 15°33 | 19°37 | 14°32 | 18° 4 | 23°44 | 13°18 | 29°37 | 21°30 | 14°57 | 21°R42 | 20°17 | 26°36 | 24°53 | M 6 |
| T 7 | 9 10 35 | 17°56'34 | 0중 2 | 18°19 | 15°46 | 18°51 | 23°54 | 13°16 | 29°37 | 21°32 | 14°58 | 21°42 | 20°14 | 26°43 | 24°51 | T 7 |
| W 8 | 9 14 32 | 18°57'38 | 14°41 | 17° 0 | 17° 0 | 19°38 | 24° 3 | 13°15 | 29°36 | 21°34 | 14°59 | 21°40 | 20°11 | 26°50 | 24°50 | W 8 |
| T 9 | 9 18 28 | 19°58'42 | 29°25 | 15°42 | 18°14 | 20°26 | 24°13 | 13°13 | 29°36 | 21°37 | 15° 1 | 21°35 | 20° 7 | 26°56 | 24°48 | T 9 |
| F 10 | 9 22 25 | 20°59'46 | 14 ≈ 8 | 14°28 | 19°28 | 21°13 | 24°23 | 13°11 | 29°36 | 21°39 | 15° 2 | 21°27 | 20° 4 | 27° 3 | 24°47 | F 10 |
| S 11 | 9 26 21 | 22° 0'49 | 28°41 | 13°19 | 20°42 | 22° 0 | 24°34 | 13° 9 | 29°35 | 21°41 | 15° 3 | 21°18 | 20° 1 | 27° 9 | 24°45 | S 11 |
| S 12 | 9 30 18 | 23° 1'52 | 12) (56 | 12°17 | 21°57 | 22°48 | 24°44 | 13° 7 | 29°35 | 21°43 | 15° 4 | 21° 7 | 19°58 | 27°16 | 24°44 | S 12 |
| M13 | 9 34 15 | 24° 2'53 | 26°49 | 11°23 | 23°11 | 23°35 | 24°54 | 13° 4 | 29°34 | 21°46 | 15° 6 | 20°57 | 19°55 | 27°23 | 24°43 | M13 |
| T 14 | 9 38 11 | 25° 3'55 | 10 Y 17 | 10°39 | 24°25 | 24°22 | 25° 5 | 13° 2 | 29°34 | 21°48 | 15° 7 | 20°48 | 19°52 | 27°29 | 24°41 | T 14 |
| W15 | 9 42 8 | 26° 4'55 | 23°19 | 10° 3 | 25°39 | 25° 9 | 25°15 | 13° 0 | 29°33 | 21°50 | 15° 8 | 20°41 | 19°48 | 27°36 | 24°40 | W15 |
| T 16 | 9 46 4 | 27° 5'55 | 5 8 57 | 9°37 | 26°53 | 25°57 | 25°26 | 12°57 | 29°32 | 21°52 | 15° 9 | 20°36 | 19°45 | 27°43 | 24°39 | T 16 |
| F 17 | 9 50 1 | 28° 6'53 | 18°14 | 9°19 | 28° 7 | 26°44 | 25°37 | 12°54 | 29°31 | 21°55 | 15°10 | 20°34 | 19°42 | 27°49 | 24°38 | F 17 |
| S 18 | 9 53 57 | 29° 7'51 | 0耳16 | 9°10 | 29°21 | 27°31 | 25°48 | 12°52 | 29°31 | 21°57 | 15°11 | 20°D33 | 19°39 | 27°56 | 24°37 | S 18 |
| S 19 | 9 57 54 | 0 ¥ 8'48 | 12° 7 | 9°D10 | 0≈36 | 28°19 | 25°59 | 12°49 | 29°30 | 21°59 | 15°12 | 20°33 | 19°36 | 28° 3 | 24°36 | S 19 |
| M20 | 10 1 50 | 1° 9'44 | 23°54 | 9°17 | 1°50 | 29° 6 | 26°10 | 12°46 | 29°29 | 22° 2 | 15°13 | 20°R34 | 19°33 | 28° 9 | 24°36 | M20 |
| T 21 | 10 5 47 | 2°10'38 | 59542 | 9°32 | 3° 4 | 29°53 | 26°22 | 12°43 | 29°28 | 22° 4 | 15°14 | 20°33 | 19°29 | 28°16 | 24°35 | T 21 |
| W22 | 10 9 44 | 3°11'32 | 17°36 | 9°53 | 4°18 | 0 Υ 40 | 26°33 | 12°40 | 29°27 | 22° 6 | 15°15 | 20°29 | 19°26 | 28°23 | 24°34 | W22 |
| T 23 | 10 13 40 | 4°12'25 | 29°39 | 10°20 | 5°33 | 1°28 | 26°44 | 12°37 | 29°26 | 22° 8 | 15°16 | 20°23 | 19°23 | 28°29 | 24°34 | T 23 |
| F 24 | 10 17 37 | 5°13'16 | 11 Ω 55 | 10°52 | 6°47 | 2°15 | 26°56 | 12°34 | 29°25 | 22°11 | 15°16 | 20°14 | 19°20 | 28°36 | 24°33 | F 24 |
| S 25 | 10 21 33 | 6°14'07 | 24°25 | 11°30 | 8° 1 | 3° 2 | 27° 8 | 12°30 | 29°23 | 22°13 | 15°17 | 20° 3 | 19°17 | 28°43 | 24°33 | S 25 |
| S 26 | 10 25 30 | 7°14'56 | 7 m)11 | 12°12 | 9°16 | 3°49 | 27°19 | 12°27 | 29°22 | 22°15 | 15°18 | 19°50 | 19°13 | 28°49 | 24°32 | S 26 |
| M27 | 10 29 26 | 8°15'45 | 20°12 | 12°59 | 10°30 | 4°36 | 27°31 | 12°23 | 29°21 | 22°17 | 15°19 | 19°37 | 19°10 | 28°56 | 24°32 | M27 |
| T 28 | 10 33 23 | 9 ¥ 16'32 | 3 ₾ 26 | 13≈49 | 11≈44 | 5 ℃ 24 | 27 Y 43 | 12 ≏ 20 | 29 <u>₽</u> 20 | 22≈19 | 15 × 19 | 19 × 724 | 19 ×7 7 | 29Ⅱ 2 | 24∏32 | T 28 |

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|------|----------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|-------|---------------|------|
| W 1 | 10 37 19 | 10 米 17'19 | 16 ₽ 52 | 14≈42 | 12≈59 | 6 Υ 11 | 27 Y 55 | 12°R16 | 29°R18 | 22≈22 | 15 × 20 | 19°R13 | 19 ∡ 4 | 29耳 9 | 24°R32 | W 1 |
| T 2 | 10 41 16 | 11°18'04 | 0 M 28 | 15°39 | 14°13 | 6°58 | 28° 7 | 12 ≏ 13 | 29 ₽ 17 | 22°24 | 15°21 | 19 ×7 5 | 19° 1 | 29°16 | 24∏32 | T 2 |
| F 3 | 10 45 12 | 12°18'49 | 14°11 | 16°39 | 15°27 | 7°45 | 28°20 | 12° 9 | 29°15 | 22°26 | 15°21 | 19° 0 | 18°58 | 29°22 | 24°D32 | F 3 |
| S 4 | 10 49 9 | 13°19'33 | 28° 2 | 17°41 | 16°42 | 8°32 | 28°32 | 12° 5 | 29°14 | 22°28 | 15°22 | 18°58 | 18°54 | 29°29 | 24°32 | S 4 |
| S 5 | 10 53 6 | 14°20'16 | 12 % 0 | 18°46 | 17°56 | 9°19 | 28°44 | 12° 1 | 29°12 | 22°30 | 15°22 | 18°57 | 18°51 | 29°36 | 24°32 | S 5 |
| M 6 | 10 57 2 | 15°20'59 | 26° 5 | 19°54 | 19°11 | 10° 6 | 28°57 | 11°57 | 29°11 | 22°32 | 15°23 | 18°57 | 18°48 | 29°42 | 24°32 | M 6 |
| T 7 | 11 0 59 | 16°21'40 | 10 궁 15 | 21° 3 | 20°25 | 10°53 | 29° 9 | 11°53 | 29° 9 | 22°35 | 15°23 | 18°56 | 18°45 | 29°49 | 24°32 | T 7 |
| W 8 | 11 4 55 | 17°22'21 | 24°31 | 22°14 | 21°40 | 11°40 | 29°22 | 11°49 | 29° 7 | 22°37 | 15°23 | 18°53 | 18°42 | 29°56 | 24°33 | W 8 |
| T 9 | 11 8 52 | 18°23'00 | 8≈48 | 23°27 | 22°54 | 12°27 | 29°35 | 11°45 | 29° 6 | 22°39 | 15°24 | 18°47 | 18°38 | 0ණ 2 | 24°33 | T 9 |
| F 10 | 11 12 48 | 19°23'39 | 23° 4 | 24°42 | 24° 8 | 13°14 | 29°47 | 11°40 | 29° 4 | 22°41 | 15°24 | 18°38 | 18°35 | 0° 9 | 24°34 | F 10 |
| S 11 | 11 16 45 | 20°24'16 | 7 ∺ 12 | 25°58 | 25°23 | 14° 1 | 08 0 | 11°36 | 29° 2 | 22°43 | 15°24 | 18°27 | 18°32 | 0°16 | 24°34 | S 11 |
| S 12 | 11 20 41 | 21°24'51 | 21° 9 | 27°16 | 26°37 | 14°48 | 0°13 | 11°32 | 29° 0 | 22°45 | 15°25 | 18°14 | 18°29 | 0°22 | 24°35 | S 12 |
| M13 | 11 24 38 | 22°25'26 | 4 Υ48 | 28°35 | 27°52 | 15°35 | 0°26 | 11°28 | 28°58 | 22°47 | 15°25 | 18° 1 | 18°26 | 0°29 | 24°36 | M13 |
| T 14 | 11 28 35 | 23°25'59 | 18° 8 | 29°56 | 29° 6 | 16°22 | 0°39 | 11°23 | 28°56 | 22°49 | 15°25 | 17°49 | 18°23 | 0°36 | 24°36 | T 14 |
| W15 | 11 32 31 | 24°26'30 | 1 8 5 | 1) 18 | 0 ∺ 21 | 17° 9 | 0°52 | 11°19 | 28°54 | 22°51 | 15°25 | 17°40 | 18°19 | 0°42 | 24°37 | W15 |
| T 16 | 11 36 28 | 25°27'00 | 13°42 | 2°41 | 1°35 | 17°56 | 1° 5 | 11°14 | 28°52 | 22°53 | 15°25 | 17°33 | 18°16 | 0°49 | 24°38 | T 16 |
| F 17 | 11 40 24 | 26°27'28 | 26° 0 | 4° 6 | 2°50 | 18°43 | 1°19 | 11°10 | 28°50 | 22°55 | 15°25 | 17°29 | 18°13 | 0°55 | 24°39 | F 17 |
| S 18 | 11 44 21 | 27°27'54 | 8耳 3 | 5°31 | 4° 4 | 19°30 | 1°32 | 11° 5 | 28°48 | 22°57 | 15°R25 | 17°27 | 18°10 | 1° 2 | 24°40 | S 18 |
| S 19 | 11 48 17 | 28°28'19 | 19°56 | 6°58 | 5°19 | 20°16 | 1°45 | 11° 0 | 28°46 | 22°59 | 15°25 | 17°D27 | 18° 7 | 1° 9 | 24°41 | S 19 |
| M20 | 11 52 14 | 29°28'42 | 19544 | 8°26 | 6°33 | 21° 3 | 1°59 | 10°56 | 28°44 | 23° 1 | 15°25 | 17°R27 | 18° 4 | 1°15 | 24°43 | M20 |
| T 21 | 11 56 10 | 0 ℃ 29'03 | 13°33 | 9°55 | 7°48 | 21°50 | 2°12 | 10°51 | 28°42 | 23° 3 | 15°25 | 17°26 | 18° 0 | 1°22 | 24°44 | T 21 |
| W22 | 12 0 7 | 1°29'22 | 25°28 | 11°25 | 9° 2 | 22°36 | 2°26 | 10°46 | 28°40 | 23° 5 | 15°25 | 17°24 | 17°57 | 1°29 | 24°45 | W22 |
| T 23 | 12 4 4 | 2°29'39 | 7 Ω 35 | 12°56 | 10°17 | 23°23 | 2°39 | 10°42 | 28°37 | 23° 7 | 15°25 | 17°19 | 17°54 | 1°35 | 24°47 | T 23 |
| F 24 | 12 8 0 | 3°29'55 | 19°56 | 14°29 | 11°31 | 24°10 | 2°53 | 10°37 | 28°35 | 23° 8 | 15°25 | 17°11 | 17°51 | 1°42 | 24°48 | F 24 |
| S 25 | 12 11 57 | 4°30'08 | 2 m 37 | 16° 2 | 12°46 | 24°56 | 3° 7 | 10°32 | 28°33 | 23°10 | 15°25 | 17° 1 | 17°48 | 1°49 | 24°50 | S 25 |
| S 26 | 12 15 53 | 5°30'20 | 15°37 | 17°36 | 14° 0 | 25°43 | 3°20 | 10°27 | 28°30 | 23°12 | 15°24 | 16°50 | 17°44 | 1°55 | 24°52 | S 26 |
| M27 | 12 19 50 | 6°30'30 | 28°56 | 19°12 | 15°15 | 26°29 | 3°34 | 10°23 | 28°28 | 23°14 | 15°24 | 16°37 | 17°41 | 2° 2 | 24°53 | M27 |
| T 28 | 12 23 46 | 7°30'38 | 12 ≏ 33 | 20°48 | 16°29 | 27°16 | 3°48 | 10°18 | 28°26 | 23°16 | 15°24 | 16°26 | 17°38 | 2° 9 | 24°55 | T 28 |
| W29 | 12 27 43 | 8°30'44 | 26°25 | 22°26 | 17°44 | 28° 2 | 4° 2 | 10°13 | 28°23 | 23°17 | 15°23 | 16°16 | 17°35 | 2°15 | 24°57 | W29 |
| T 30 | 12 31 39 | 9°30'49 | 10 M 27 | 24° 5 | 18°58 | 28°49 | 4°16 | 10° 8 | 28°21 | 23°19 | 15°23 | 16° 9 | 17°32 | 2°22 | 24°59 | T 30 |
| F 31 | 12 35 36 | 10 Y 30'52 | 24M35 | 25) (44 | 20 米 13 | 29 Y 35 | 4 8 30 | 10 ♀ 3 | 28 ≏ 19 | 23≈21 | 15 ₹ 23 | 16 ₹ 4 | 17 × 29 | 2929 | 25 Ⅱ 1 | F 31 |

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| S 1 | 12 39 32 | 11 Y 30'54 | 8 × 746 | 27 米 25 | 21) 27 | 0821 | 4844 | 9°R59 | 28°R16 | 23≈22 | 15°R22 | 16°R 3 | 17 × 725 | 2935 | 25 II 3 | S 1 |
| S 2 | 12 43 29 | 12°30'54 | 22°56 | 29° 7 | 22°42 | 1° 8 | 4°58 | 9 ≙ 54 | 28 ♀ 14 | 23°24 | 15 × 22 | 16°D 3 | 17°22 | 2°42 | 25° 5 | S 2 |
| M 3 | 12 47 26 | 13°30'53 | 7중 5 | 0 Υ 51 | 23°56 | 1°54 | 5°12 | 9°49 | 28°11 | 23°26 | 15°21 | 16°R 3 | 17°19 | 2°48 | 25° 7 | M 3 |
| T 4 | 12 51 22 | 14°30'50 | 21°10 | 2°35 | 25°11 | 2°40 | 5°26 | 9°44 | 28° 9 | 23°27 | 15°21 | 16 × 3 | 17°16 | 2°55 | 25° 9 | T 4 |
| W 5 | 12 55 19 | 15°30'46 | 5≈12 | 4°20 | 26°25 | 3°26 | 5°40 | 9°39 | 28° 6 | 23°29 | 15°20 | 16° 1 | 17°13 | 3° 2 | 25°12 | W 5 |
| T 6 | 12 59 15 | 16°30'40 | 19°8 | 6° 7 | 27°40 | 4°13 | 5°54 | 9°35 | 28° 4 | 23°30 | 15°19 | 15°57 | 17°10 | 3° 8 | 25°14 | T 6 |
| F 7 | 13 3 12 | 17°30'33 | 2) 58 | 7°55 | 28°54 | 4°59 | 6° 8 | 9°30 | 28° 1 | 23°32 | 15°19 | 15°51 | 17° 6 | 3°15 | 25°16 | F 7 |
| S 8 | 13 7 8 | 18°30'24 | 16°39 | 9°44 | oΥ 9 | 5°45 | 6°22 | 9°25 | 27°59 | 23°33 | 15°18 | 15°42 | 17° 3 | 3°22 | 25°19 | S 8 |
| S 9 | 13 11 5 | 19°30'13 | oΥ 9 | 11°34 | 1°23 | 6°31 | 6°37 | 9°21 | 27°56 | 23°35 | 15°17 | 15°32 | 17° 0 | 3°28 | 25°22 | S 9 |
| M10 | 13 15 1 | 20°30'00 | 13°25 | 13°25 | 2°38 | 7°17 | 6°51 | 9°16 | 27°53 | 23°36 | 15°17 | 15°22 | 16°57 | 3°35 | 25°24 | M10 |
| T 11 | 13 18 58 | 21°29'46 | 26°26 | 15°18 | 3°52 | 8° 3 | 7° 5 | 9°11 | 27°51 | 23°38 | 15°16 | 15°13 | 16°54 | 3°42 | 25°27 | T 11 |
| W12 | 13 22 55 | 22°29'29 | 9810 | 17°12 | 5° 7 | 8°49 | 7°20 | 9° 7 | 27°48 | 23°39 | 15°15 | 15° 6 | 16°50 | 3°48 | 25°30 | W12 |
| T 13 | 13 26 51 | 23°29'11 | 21°39 | 19° 7 | 6°21 | 9°35 | 7°34 | 9° 2 | 27°46 | 23°41 | 15°14 | 15° 1 | 16°47 | 3°55 | 25°32 | T 13 |
| F 14 | 13 30 48 | 24°28'50 | 3 Ⅱ 52 | 21° 3 | 7°36 | 10°20 | 7°48 | 8°57 | 27°43 | 23°42 | 15°13 | 14°58 | 16°44 | 4° 2 | 25°35 | F 14 |
| S 15 | 13 34 44 | 25°28'28 | 15°53 | 23° 0 | 8°50 | 11° 6 | 8° 3 | 8°53 | 27°40 | 23°43 | 15°12 | 14°D57 | 16°41 | 4° 8 | 25°38 | S 15 |
| S 16 | 13 38 41 | 26°28'03 | 27°45 | 24°58 | 10° 5 | 11°52 | 8°17 | 8°48 | 27°38 | 23°45 | 15°11 | 14°58 | 16°38 | 4°15 | 25°41 | S 16 |
| M17 | 13 42 37 | 27°27'37 | 9933 | 26°58 | 11°19 | 12°38 | 8°32 | 8°44 | 27°35 | 23°46 | 15°10 | 14°59 | 16°35 | 4°22 | 25°44 | M17 |
| T 18 | 13 46 34 | 28°27'08 | 21°23 | 28°58 | 12°33 | 13°23 | 8°46 | 8°40 | 27°33 | 23°47 | 15°10 | 15° 0 | 16°31 | 4°28 | 25°47 | T 18 |
| W19 | 13 50 30 | 29°26'36 | 3 Ω 18 | 0 8 59 | 13°48 | 14° 9 | 9° 0 | 8°35 | 27°30 | 23°48 | 15° 9 | 15°R 1 | 16°28 | 4°35 | 25°50 | W19 |
| T 20 | 13 54 27 | 0826'03 | 15°24 | 3° 1 | 15° 2 | 14°54 | 9°15 | 8°31 | 27°27 | 23°49 | 15° 7 | 14°59 | 16°25 | 4°42 | 25°53 | T 20 |
| F 21 | 13 58 24 | 1°25'27 | 27°47 | 5° 4 | 16°17 | 15°40 | 9°29 | 8°27 | 27°25 | 23°51 | 15° 6 | 14°56 | 16°22 | 4°48 | 25°57 | F 21 |
| S 22 | 14 2 20 | 2°24'49 | 10 m /30 | 7° 7 | 17°31 | 16°25 | 9°44 | 8°23 | 27°22 | 23°52 | 15° 5 | 14°51 | 16°19 | 4°55 | 26° 0 | S 22 |
| S 23 | 14 6 17 | 3°24'09 | 23°35 | 9°10 | 18°45 | 17°11 | 9°58 | 8°18 | 27°20 | 23°53 | 15° 4 | 14°45 | 16°15 | 5° 1 | 26° 3 | S 23 |
| M24 | 14 10 13 | 4°23'27 | 7 ♀ 5 | 11°13 | 20° 0 | 17°56 | 10°13 | 8°14 | 27°17 | 23°54 | 15° 3 | 14°38 | 16°12 | 5° 8 | 26° 7 | M24 |
| T 25 | 14 14 10 | 5°22'42 | 20°57 | 13°16 | 21°14 | 18°42 | 10°28 | 8°10 | 27°14 | 23°55 | 15° 2 | 14°32 | 16° 9 | 5°15 | 26°10 | T 25 |
| W26 | 14 18 6 | 6°21'56 | 5M 9 | 15°18 | 22°28 | 19°27 | 10°42 | 8° 6 | 27°12 | 23°56 | 15° 1 | 14°26 | 16° 6 | 5°21 | 26°13 | W26 |
| T 27 | 14 22 3 | 7°21'08 | 19°35 | 17°19 | 23°43 | 20°12 | 10°57 | 8° 3 | 27° 9 | 23°57 | 15° 0 | 14°22 | 16° 3 | 5°28 | 26°17 | T 27 |
| F 28 | 14 25 59 | 8°20'18 | 4 ₹ 10 | 19°19 | 24°57 | 20°57 | 11°11 | 7°59 | 27° 7 | 23°58 | 14°58 | 14°20 | 16° 0 | 5°35 | 26°21 | F 28 |
| S 29 | 14 29 56 | 9°19'26 | 18°47 | 21°17 | 26°11 | 21°42 | 11°26 | 7°55 | 27° 4 | 23°59 | 14°57 | 14°D20 | 15°56 | 5°41 | 26°24 | S 29 |
| S 30 | 14 33 53 | 10818'32 | 3 ට 21 | 23813 | 27 Y 26 | 22828 | 11840 | 7 ≙ 51 | 27 ♀ 2 | 23≈59 | 14 ×7 56 | 14 ~ 21 | 15 ₹ 53 | 59548 | 26Ⅲ28 | S 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)Å(| ¥ | В | n | v | Ç | ę, | Day |
|------|----------|-------------------|-----------------|---------------|----------------|----------------|----------------|---------------|----------------|--------|-----------------|-----------------|----------------|------|-----------------|------|
| M 1 | 14 37 49 | 11 8 17'37 | 17 云 46 | 25 8 7 | 28 Y 40 | 23813 | 11 8 55 | 7°R48 | 26°R59 | 24≈ 0 | 14°R54 | 14 × 122 | 15 ₹ 50 | 5955 | 26 II 32 | M 1 |
| T 2 | 14 41 46 | 12°16'40 | 2≈ 1 | 26°59 | 29°54 | 23°58 | 12° 9 | 7 ≏ 44 | 26 ≏ 57 | 24° 1 | 14 × 753 | 14°24 | 15°47 | 6° 1 | 26°35 | T 2 |
| W 3 | 14 45 42 | 13°15'41 | 16° 2 | 28°47 | 1 8 9 | 24°43 | 12°24 | 7°41 | 26°54 | 24° 2 | 14°52 | 14°R24 | 15°44 | 6° 8 | 26°39 | W 3 |
| T 4 | 14 49 39 | 14°14'40 | 29°50 | 0 Ⅲ 31 | 2°23 | 25°27 | 12°38 | 7°37 | 26°52 | 24° 3 | 14°50 | 14°23 | 15°41 | 6°15 | 26°43 | T 4 |
| F 5 | 14 53 35 | 15°13'38 | 13 米 24 | 2°12 | 3°37 | 26°12 | 12°53 | 7°34 | 26°49 | 24° 3 | 14°49 | 14°21 | 15°37 | 6°21 | 26°47 | F 5 |
| S 6 | 14 57 32 | 16°12'34 | 26°44 | 3°49 | 4°51 | 26°57 | 13° 8 | 7°31 | 26°47 | 24° 4 | 14°48 | 14°17 | 15°34 | 6°28 | 26°51 | S 6 |
| S 7 | 15 1 28 | 17°11'29 | 9 Ƴ 50 | 5°22 | 6° 6 | 27°42 | 13°22 | 7°28 | 26°44 | 24° 5 | 14°46 | 14°13 | 15°31 | 6°35 | 26°55 | S 7 |
| M 8 | 15 5 25 | 18°10'21 | 22°42 | 6°50 | 7°20 | 28°27 | 13°37 | 7°25 | 26°42 | 24° 5 | 14°45 | 14° 9 | 15°28 | 6°41 | 26°59 | M 8 |
| T 9 | 15 9 21 | 19° 9'12 | 5 8 21 | 8°13 | 8°34 | 29°11 | 13°51 | 7°22 | 26°40 | 24° 6 | 14°43 | 14° 5 | 15°25 | 6°48 | 27° 3 | T 9 |
| W10 | 15 13 18 | 20° 8'02 | 1 <u>7</u> °48 | 9°32 | 9°48 | 29°56 | 14° 6 | 7°19 | 26°37 | 24° 6 | 14°42 | 14° 2 | 15°21 | 6°55 | 27° 7 | W10 |
| T 11 | 15 17 15 | 21° 6'49 | 0 I I 3 | 10°45 | 11° 2 | 0 Ⅱ 41 | 14°20 | 7°16 | 26°35 | 24° 7 | 14°40 | 14° 0 | 15°18 | 7° 1 | 27°11 | T 11 |
| F 12 | 15 21 11 | 22° 5'34 | 12° 7 | 11°53 | 12°17 | 1°25 | 14°35 | 7°13 | 26°33 | 24° 7 | 14°39 | 13°D59 | 15°15 | 7° 8 | 27°15 | F 12 |
| S 13 | 15 25 8 | 23° 4'18 | 24° 3 | 12°56 | 13°31 | 2°10 | 14°49 | 7°11 | 26°31 | 24° 8 | 14°37 | 13°59 | 15°12 | 7°15 | 27°19 | S 13 |
| S 14 | 15 29 4 | 24° 2'59 | 5953 | 13°53 | 14°45 | 2°54 | 15° 4 | 7° 8 | 26°28 | 24° 8 | 14°36 | 14° 0 | 15° 9 | 7°21 | 27°23 | S 14 |
| M15 | 15 33 1 | 25° 1'38 | 17°41 | 14°45 | 15°59 | 3°38 | 15°18 | 7° 6 | 26°26 | 24° 9 | 14°34 | 14° 2 | 15° 6 | 7°28 | 27°28 | M15 |
| T 16 | 15 36 57 | 26° 0'15 | 29°30 | 15°31 | 17°13 | 4°23 | 15°32 | 7° 3 | 26°24 | 24° 9 | 14°33 | 14° 4 | 15° 2 | 7°35 | 27°32 | T 16 |
| W17 | 15 40 54 | 26°58'51 | 11 \O 25 | 16°11 | 18°27 | 5° 7 | 15°47 | 7° 1 | 26°22 | 24° 9 | 14°31 | 14° 5 | 14°59 | 7°41 | 27°36 | W17 |
| T 18 | 15 44 51 | 27°57'24 | 23°31 | 16°46 | 19°42 | 5°51 | 16° 1 | 6°59 | 26°20 | 24°10 | 14°30 | 14°R 5 | 14°56 | 7°48 | 27°41 | T 18 |
| F 19 | 15 48 47 | 28°55'54 | 5 m 51 | 17°15 | 20°56 | 6°35 | 16°16 | 6°57 | 26°18 | 24°10 | 14°28 | 14° 5 | 14°53 | 7°54 | 27°45 | F 19 |
| S 20 | 15 52 44 | 29°54'23 | 18°32 | 17°38 | 22°10 | 7°19 | 16°30 | 6°55 | 26°16 | 24°10 | 14°26 | 14° 5 | 14°50 | 8° 1 | 27°49 | S 20 |
| S 21 | 15 56 40 | 0耳52′50 | 1 ≏ 35 | 17°56 | 23°24 | 8° 4 | 16°44 | 6°53 | 26°14 | 24°10 | 14°25 | 14° 3 | 14°47 | 8° 8 | 27°54 | S 21 |
| M22 | 16 0 37 | 1°51'15 | 15° 4 | 18° 8 | 24°38 | 8°48 | 16°59 | 6°51 | 26°12 | 24°10 | 14°23 | 14° 2 | 14°43 | 8°14 | 27°58 | M22 |
| T 23 | 16 4 33 | 2°49'37 | 28°59 | 18°14 | 25°52 | 9°32 | 17°13 | 6°50 | 26°10 | 24°11 | 14°22 | 14° 0 | 14°40 | 8°21 | 28° 3 | T 23 |
| W24 | 16 8 30 | 3°47'58 | 13 M .18 | 18°R15 | 27° 6 | 10°15 | 17°27 | 6°48 | 26° 8 | 24°11 | 14°20 | 13°59 | 14°37 | 8°28 | 28° 7 | W24 |
| T 25 | 16 12 26 | 4°46'17 | 27°58 | 18°10 | 28°20 | 10°59 | 17°41 | 6°47 | 26° 6 | 24°11 | 14°18 | 13°58 | 14°34 | 8°34 | 28°12 | T 25 |
| F 26 | 16 16 23 | 5°44'34 | 12 × 752 | 18° 1 | 29°34 | 11°43 | 17°55 | 6°45 | 26° 4 | 24°R11 | 14°17 | 13°D58 | 14°31 | 8°41 | 28°16 | F 26 |
| S 27 | 16 20 20 | 6°42'50 | 27°52 | 17°46 | 0∏48 | 12°27 | 18°10 | 6°44 | 26° 2 | 24°11 | 14°15 | 13°58 | 14°27 | 8°48 | 28°21 | S 27 |
| S 28 | 16 24 16 | 7°41'04 | 12 る 50 | 17°27 | 2° 2 | 13°11 | 18°24 | 6°43 | 26° 1 | 24°11 | 14°13 | 13°59 | 14°24 | 8°54 | 28°25 | S 28 |
| M29 | 16 28 13 | 8°39'17 | 27°38 | 17° 5 | 3°16 | 13°54 | 18°38 | 6°42 | 25°59 | 24°11 | 14°12 | 13°59 | 14°21 | 9° 1 | 28°30 | M29 |
| T 30 | 16 32 9 | 9°37'28 | 12≈10 | 16°38 | 4°30 | 14°38 | 18°52 | 6°41 | 25°57 | 24°10 | 14°10 | 14° 0 | 14°18 | 9° 8 | 28°35 | T 30 |
| W31 | 16 36 6 | 10 Ⅲ 35'38 | 26≈23 | 16耳 9 | 5∏44 | 15 Ⅱ 21 | 198 6 | 6 ≙ 40 | 25 ≏ 56 | 24≈10 | 14 ×7 8 | 14 ×7 0 | 14 × 15 | 9914 | 28耳39 | W31 |

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| Day | Sid.t | 0 | D | ğ | φ | o ^r | 4 | ħ |)Å(| ħ | В | ₽. | v | Ç | Š. | Day |
|------|----------|-------------------|------------------|----------------|--------|----------------|----------------|---------------|----------------|--------|-----------------|-----------------|----------------|-------|-------|------|
| T 1 | 16 40 2 | 11 Ⅲ 33'46 | 10) (14 | 15°R36 | 6Д58 | 16 II 5 | 19820 | 6°R39 | 25°R54 | 24°R10 | 14°R 7 | 14°R 0 | 14 × 12 | 99521 | 28∏44 | T 1 |
| F 2 | 16 43 59 | 12°31'53 | 23°43 | 15 Ⅱ 2 | 8°12 | 16°48 | 19°34 | 6 ₽ 39 | 25 ≏ 52 | 24≈10 | 14 x 7 5 | 14 ×7 0 | 14° 8 | 9°28 | 28°49 | F 2 |
| S 3 | 16 47 55 | 13°29'59 | 6 Ƴ 52 | 14°27 | 9°26 | 17°32 | 19°48 | 6°38 | 25°51 | 24°10 | 14° 3 | 14°D 0 | 14° 5 | 9°34 | 28°53 | S 3 |
| S 4 | 16 51 52 | 14°28'03 | 19°43 | 13°51 | 10°40 | 18°15 | 20° 2 | 6°38 | 25°49 | 24° 9 | 14° 2 | 14° 0 | 14° 2 | 9°41 | 28°58 | S 4 |
| M 5 | 16 55 49 | 15°26'06 | 2 8 18 | 13°15 | 11°54 | 18°58 | 20°15 | 6°37 | 25°48 | 24° 9 | 14° 0 | 14° 0 | 13°59 | 9°48 | 29° 3 | M 5 |
| T 6 | 16 59 45 | 16°24'08 | 14°40 | 12°39 | 13° 8 | 19°42 | 20°29 | 6°37 | 25°47 | 24° 9 | 13°58 | 14° 0 | 13°56 | 9°54 | 29° 8 | T 6 |
| W 7 | 17 3 42 | 17°22'09 | 26°50 | 12° 5 | 14°22 | 20°25 | 20°43 | 6°37 | 25°45 | 24° 8 | 13°57 | 14° 0 | 13°53 | 10° 1 | 29°12 | W 7 |
| T 8 | 17 7 38 | 18°20'08 | 8耳52 | 11°33 | 15°36 | 21° 8 | 20°57 | 6°D37 | 25°44 | 24° 8 | 13°55 | 14°R 1 | 13°49 | 10° 8 | 29°17 | T 8 |
| F 9 | 17 11 35 | 19°18'06 | 20°47 | 11° 2 | 16°50 | 21°51 | 21°10 | 6°37 | 25°43 | 24° 8 | 13°53 | 14° 1 | 13°46 | 10°14 | 29°22 | F 9 |
| S 10 | 17 15 31 | 20°16'02 | 2938 | 10°35 | 18° 4 | 22°34 | 21°24 | 6°37 | 25°42 | 24° 7 | 13°52 | 14° 0 | 13°43 | 10°21 | 29°27 | S 10 |
| S 11 | 17 19 28 | 21°13'57 | 14°26 | 10°11 | 19°17 | 23°17 | 21°38 | 6°38 | 25°41 | 24° 7 | 13°50 | 14° 0 | 13°40 | 10°28 | 29°32 | S 11 |
| M12 | 17 23 24 | 22°11'50 | 26°15 | 9°50 | 20°31 | 24° 0 | 21°51 | 6°38 | 25°40 | 24° 6 | 13°48 | 13°59 | 13°37 | 10°34 | 29°36 | M12 |
| T 13 | 17 27 21 | 23° 9'42 | 8Ω 6 | 9°33 | 21°45 | 24°43 | 22° 4 | 6°39 | 25°38 | 24° 5 | 13°47 | 13°57 | 13°33 | 10°41 | 29°41 | T 13 |
| W14 | 17 31 18 | 24° 7'32 | 20° 3 | 9°20 | 22°59 | 25°26 | 22°18 | 6°39 | 25°37 | 24° 5 | 13°45 | 13°56 | 13°30 | 10°48 | 29°46 | W14 |
| T 15 | 17 35 14 | 25° 5'20 | 2MD 9 | 9°11 | 24°13 | 26° 9 | 22°31 | 6°40 | 25°37 | 24° 4 | 13°43 | 13°55 | 13°27 | 10°54 | 29°51 | T 15 |
| F 16 | 17 39 11 | 26° 3'07 | 14°29 | 9°D 7 | 25°27 | 26°51 | 22°45 | 6°41 | 25°36 | 24° 4 | 13°42 | 13°54 | 13°24 | 11° 1 | 29°56 | F 16 |
| S 17 | 17 43 7 | 27° 0'53 | 27° 6 | 9° 7 | 26°41 | 27°34 | 22°58 | 6°42 | 25°35 | 24° 3 | 13°40 | 13°D54 | 13°21 | 11° 8 | 099 1 | S 17 |
| S 18 | 17 47 4 | 27°58'37 | 10 ♀ 4 | 9°12 | 27°55 | 28°17 | 23°11 | 6°43 | 25°34 | 24° 2 | 13°38 | 13°54 | 13°18 | 11°14 | 0° 5 | S 18 |
| M19 | 17 51 0 | 28°56'19 | 23°26 | 9°21 | 29° 8 | 28°59 | 23°24 | 6°44 | 25°33 | 24° 2 | 13°37 | 13°55 | 13°14 | 11°21 | 0°10 | M19 |
| T 20 | 17 54 57 | 29°54'00 | 7 M .14 | 9°35 | 09522 | 29°42 | 23°37 | 6°45 | 25°33 | 24° 1 | 13°35 | 13°56 | 13°11 | 11°28 | 0°15 | T 20 |
| W21 | 17 58 53 | 0951'40 | 21°29 | 9°53 | 1°36 | 09524 | 23°50 | 6°46 | 25°32 | 24° 0 | 13°34 | 13°57 | 13° 8 | 11°34 | 0°20 | W21 |
| T 22 | 18 2 50 | 1°49'18 | 6 ₹ 8 | 10°16 | 2°50 | 1° 7 | 24° 3 | 6°48 | 25°31 | 23°59 | 13°32 | 13°58 | 13° 5 | 11°41 | 0°25 | T 22 |
| F 23 | 18 6 47 | 2°46'55 | 21° 7 | 10°42 | 4° 4 | 1°49 | 24°16 | 6°49 | 25°31 | 23°58 | 13°31 | 13°R58 | 13° 2 | 11°48 | 0°30 | F 23 |
| S 24 | 18 10 43 | 3°44'31 | 6 ਰ 18 | 11°13 | 5°18 | 2°31 | 24°29 | 6°51 | 25°30 | 23°57 | 13°29 | 13°57 | 12°59 | 11°54 | 0°35 | S 24 |
| S 25 | 18 14 40 | 4°42'06 | 21°31 | 11°49 | 6°31 | 3°14 | 24°42 | 6°53 | 25°30 | 23°57 | 13°27 | 13°55 | 12°55 | 12° 1 | 0°39 | S 25 |
| M26 | 18 18 36 | 5°39'39 | 6≈36 | 12°28 | 7°45 | 3°56 | 24°54 | 6°55 | 25°30 | 23°56 | 13°26 | 13°53 | 12°52 | 12° 8 | 0°44 | M26 |
| T 27 | 18 22 33 | 6°37'12 | 21°26 | 13°11 | 8°59 | 4°38 | 25° 7 | 6°57 | 25°29 | 23°55 | 13°24 | 13°50 | 12°49 | 12°14 | 0°49 | T 27 |
| W28 | 18 26 29 | 7°34'44 | 5 ₩53 | 13°58 | 10°13 | 5°20 | 25°19 | 6°59 | 25°29 | 23°54 | 13°23 | 13°47 | 12°46 | 12°21 | 0°54 | W28 |
| T 29 | 18 30 26 | 8°32'16 | 19°54 | 14°48 | 11°27 | 6° 2 | 25°32 | 7° 1 | 25°29 | 23°53 | 13°21 | 13°45 | 12°43 | 12°28 | 0°59 | T 29 |
| F 30 | 18 34 23 | 99529'46 | 3 ℃ 27 | 15 Ⅱ 42 | 129540 | 69344 | 25 8 44 | 7 ♀ 3 | 25 ≏ 29 | 23≈52 | 13 × 20 | 13 ×7 44 | 12 × 39 | 12934 | 195 4 | F 30 |

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|------|----------|------------------|------------------|----------------|----------------|-------|----------------|---------------|----------------|--------|----------------|-----------------|-----------------|--------|--------------|------|
| S 1 | 18 38 19 | 10927'16 | 16 Y 35 | 16 Ⅱ 40 | 13954 | 7926 | 25 8 57 | 7 º 6 | 25°R29 | 23°R51 | 13°R19 | 13°D44 | 12 ₹ 36 | 129641 | 199 9 | S 1 |
| S 2 | 18 42 16 | 11°24'46 | 29°20 | 17°42 | 15° 8 | 8° 8 | 26° 9 | 7° 8 | 25 ≏ 28 | 23≈50 | 13 × 17 | 13 ∡ 745 | 12°33 | 12°48 | 1°13 | S 2 |
| M 3 | 18 46 12 | 12°22'15 | 11846 | 18°46 | 16°22 | 8°50 | 26°21 | 7°10 | 25°D28 | 23°49 | 13°16 | 13°46 | 12°30 | 12°54 | 1°18 | M 3 |
| T 4 | 18 50 9 | 13°19'43 | 23°57 | 19°54 | 17°35 | 9°32 | 26°33 | 7°13 | 25°29 | 23°47 | 13°14 | 13°48 | 12°27 | 13° 1 | 1°23 | T 4 |
| W 5 | 18 54 5 | 14°17'11 | 5 Ⅱ 58 | 21° 6 | 18°49 | 10°14 | 26°45 | 7°16 | 25°29 | 23°46 | 13°13 | 13°49 | 12°24 | 13° 8 | 1°28 | W 5 |
| T 6 | 18 58 2 | 15°14'38 | 17°51 | 22°20 | 20° 3 | 10°55 | 26°57 | 7°19 | 25°29 | 23°45 | 13°12 | 13°R49 | 12°20 | 13°14 | 1°33 | T 6 |
| F 7 | 19 1 58 | 16°12'05 | 29°40 | 23°38 | 21°17 | 11°37 | 27° 9 | 7°22 | 25°29 | 23°44 | 13°10 | 13°48 | 12°17 | 13°21 | 1°37 | F 7 |
| S 8 | 19 5 55 | 17° 9'31 | 119528 | 24°59 | 22°31 | 12°19 | 27°21 | 7°25 | 25°29 | 23°43 | 13° 9 | 13°45 | 12°14 | 13°28 | 1°42 | S 8 |
| S 9 | 19 9 52 | 18° 6'56 | 23°16 | 26°23 | 23°44 | 13° 0 | 27°32 | 7°28 | 25°30 | 23°42 | 13° 8 | 13°41 | 12°11 | 13°34 | 1°47 | S 9 |
| M10 | 19 13 48 | 19° 4'20 | 5 Ω 8 | 27°50 | 24°58 | 13°42 | 27°44 | 7°31 | 25°30 | 23°40 | 13° 6 | 13°35 | 12° 8 | 13°41 | 1°52 | M10 |
| T 11 | 19 17 45 | 20° 1'44 | 17° 5 | 29°20 | 26°12 | 14°23 | 27°55 | 7°34 | 25°30 | 23°39 | 13° 5 | 13°29 | 12° 5 | 13°48 | 1°56 | T 11 |
| W12 | 19 21 41 | 20°59'07 | 29° 8 | 0954 | 27°26 | 15° 5 | 28° 7 | 7°38 | 25°31 | 23°38 | 13° 4 | 13°22 | 12° 1 | 13°54 | 2° 1 | W12 |
| T 13 | 19 25 38 | 21°56'29 | 11 m 20 | 2°30 | 28°39 | 15°46 | 28°18 | 7°41 | 25°31 | 23°36 | 13° 3 | 13°16 | 11°58 | 14° 1 | 2° 6 | T 13 |
| F 14 | 19 29 34 | 22°53'51 | 23°44 | 4° 9 | 29°53 | 16°28 | 28°29 | 7°45 | 25°32 | 23°35 | 13° 1 | 13°11 | 11°55 | 14° 8 | 2°10 | F 14 |
| S 15 | 19 33 31 | 23°51'12 | 6 ₾ 22 | 5°51 | 1 Ω 7 | 17° 9 | 28°40 | 7°48 | 25°33 | 23°34 | 13° 0 | 13° 8 | 11°52 | 14°14 | 2°15 | S 15 |
| S 16 | 19 37 27 | 24°48'32 | 19°17 | 7°36 | 2°21 | 17°50 | 28°51 | 7°52 | 25°33 | 23°32 | 12°59 | 13°D 7 | 11°49 | 14°21 | 2°20 | S 16 |
| M17 | 19 41 24 | 25°45'51 | 2 M 33 | 9°24 | 3°34 | 18°31 | 29° 2 | 7°56 | 25°34 | 23°31 | 12°58 | 13° 7 | 11°45 | 14°28 | 2°24 | M17 |
| T 18 | 19 45 21 | 26°43'10 | 16°12 | 11°15 | 4°48 | 19°12 | 29°13 | 8° 0 | 25°35 | 23°30 | 12°57 | 13° 8 | 11°42 | 14°34 | 2°29 | T 18 |
| W19 | 19 49 17 | 27°40'28 | 0 才 16 | 13° 9 | 6° 2 | 19°54 | 29°24 | 8° 4 | 25°36 | 23°28 | 12°56 | 13° 9 | 11°39 | 14°41 | 2°33 | W19 |
| T 20 | 19 53 14 | 28°37'45 | 14°43 | 15° 5 | 7°15 | 20°35 | 29°34 | 8° 8 | 25°37 | 23°27 | 12°55 | 13°R 9 | 11°36 | 14°48 | 2°38 | T 20 |
| F 21 | 19 57 10 | 29°35'02 | 29°33 | 17° 3 | 8°29 | 21°16 | 29°45 | 8°12 | 25°38 | 23°25 | 12°54 | 13° 8 | 11°33 | 14°54 | 2°42 | F 21 |
| S 22 | 20 1 7 | 0 Ω 32'19 | 14 る 38 | 19° 4 | 9°43 | 21°57 | 29°55 | 8°16 | 25°39 | 23°24 | 12°53 | 13° 5 | 11°30 | 15° 1 | 2°47 | S 22 |
| S 23 | 20 5 3 | 1°29'35 | 29°51 | 21° 7 | 10°57 | 22°38 | 0 I I 6 | 8°20 | 25°40 | 23°22 | 12°52 | 13° 0 | 11°26 | 15° 8 | 2°51 | S 23 |
| M24 | 20 9 0 | 2°26'51 | 15≈ 1 | 23°11 | 12°10 | 23°18 | 0°16 | 8°25 | 25°41 | 23°21 | 12°51 | 12°54 | 11°23 | 15°14 | 2°56 | M24 |
| T 25 | 20 12 56 | 3°24'06 | 29°59 | 25°18 | 13°24 | 23°59 | 0°26 | 8°29 | 25°42 | 23°19 | 12°50 | 12°46 | 11°20 | 15°21 | 3° 0 | T 25 |
| W26 | 20 16 53 | 4°21'22 | 14) (35 | 27°25 | 14°38 | 24°40 | 0°36 | 8°34 | 25°43 | 23°18 | 12°49 | 12°39 | 11°17 | 15°28 | 3° 5 | W26 |
| T 27 | 20 20 50 | 5°18'37 | 28°45 | 29°34 | 15°51 | 25°21 | 0°46 | 8°39 | 25°44 | 23°16 | 12°48 | 12°33 | 11°14 | 15°34 | 3° 9 | T 27 |
| F 28 | 20 24 46 | 6°15'53 | 12 Y 25 | 1 Ω 44 | 17° 5 | 26° 1 | 0°55 | 8°43 | 25°46 | 23°15 | 12°48 | 12°28 | 11°11 | 15°41 | 3°13 | F 28 |
| S 29 | 20 28 43 | 7°13'09 | 25°37 | 3°54 | 18°19 | 26°42 | 1° 5 | 8°48 | 25°47 | 23°13 | 12°47 | 12°26 | 11° 7 | 15°48 | 3°18 | S 29 |
| S 30 | 20 32 39 | 8°10'25 | 8 8 22 | 6° 4 | 19°32 | 27°23 | 1°15 | 8°53 | 25°48 | 23°12 | 12°46 | 12°D25 | 11° 4 | 15°54 | 3°22 | S 30 |
| M31 | 20 36 36 | 9⋒ 7'42 | 20847 | 8 Ω 15 | 20 Ω 46 | 289 3 | 1 Ⅲ 24 | 8 ≏ 58 | 25 ≏ 50 | 23≈10 | 12 √ 45 | 12 × 25 | 11 ⁄ 7 1 | 1695 1 | 392 6 | M31 |

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| T 1 20 4 T 2 20 4 T 3 20 4 F 4 20 5 S 5 20 5 S 6 21 T 8 21 W 9 21 1 T 10 21 1 | 4 29 | 2II55 14°51 26°41 8928 20°16 2A 8 14° 6 26°12 8 1026 20°50 | Ψ 10Ω25 12°34 14°43 16°51 18°57 21° 2 23° 6 25° 8 27° 9 | 22\Omega 0 23°13 24°27 25°41 26°54 28° 8 29°22 | 28544 29°24 0Ω 5 0°45 1°26 2° 6 2°46 | 1 II 33 1°42 1°51 2° 0 2° 9 2°18 | η 9 Ω 3 9° 8 9°13 9°18 9°23 9°29 | ⅓ (25 £ 51 25°53 25°55 25°56 25°58 26° 0 | ¥ 23°R 9 23≈ 7 23° 6 23° 4 23° 2 | P 12°R45 12×744 12°43 12°43 12°42 | 12 ₹ 26 12°R27 12°25 12°22 12°16 | Ω 10₹58 10°55 10°51 10°48 10°45 | 16\$\infty\$ 8 16\$\circ\$14 16\$\circ\$21 16\$\circ\$28 16\$\circ\$34 | \$ 3\$30 3°35 3°39 3°43 3°47 | Day T 1 W 2 T 3 F 4 S 5 |
|---|---|---|--|--|--|---|--|---|---|--|--|---------------------------------|--|---|--------------------------|
| W 2 20 4 T 3 20 4 F 4 20 5 S 5 20 5 S 6 21 6 M 7 21 6 T 8 21 W 9 21 1 T 10 21 1 | 4 29 | 14°51 26°41 8©28 20°16 20 8 14° 6 26°12 8 m 26 20°50 | 12°34 14°43 16°51 18°57 21° 2 23° 6 25° 8 | 23°13 24°27 25°41 26°54 28° 8 29°22 | 29°24 0\$\mathcal{O}\$ 5 0°45 1°26 2° 6 | 1°42 1°51 2° 0 2° 9 | 9° 8 9°13 9°18 9°23 | 25°53 25°55 25°56 25°58 | 23≈ 7 23° 6 23° 4 23° 2 | 12 × 744 12°43 12°43 | 12°R27 12°25 12°22 | 10°55 10°51 10°48 | 16°14 16°21 16°28 | 3°35 3°39 3°43 3°47 | W 2 T 3 F 4 |
| T 3 20 4 F 4 20 5 S 5 20 5 S 6 21 M 7 21 T 8 21 W 9 21 1 T 10 21 1 | 8 25 | 26°41 8©28 20°16 20 8 14° 6 26°12 8 m 26 20°50 | 14°43 16°51 18°57 21° 2 23° 6 25° 8 | 24°27 25°41 26°54 28° 8 29°22 | 00 5 0°45 1°26 2° 6 | 1°51 2° 0 2° 9 2°18 | 9°13 9°18 9°23 | 25°55 25°56 25°58 | 23° 6 23° 4 23° 2 | 12°43 12°43 | 12°25 12°22 | 10°51 10°48 | 16°21 16°28 | 3°39 3°43 3°47 | T 3 F 4 |
| F 4 20 5 S 5 20 5 S 6 21 M 7 21 T 8 21 W 9 21 1 T 10 21 1 | 2 22 | 8©28 20°16 2\Omega 8 14° 6 26°12 8\Omega 26 20°50 | 16°51 18°57 21° 2 23° 6 25° 8 | 25°41 26°54 28° 8 29°22 | 0°45 1°26 2° 6 | 2° 0 2° 9 2°18 | 9°18 9°23 | 25°56 25°58 | 23° 4 23° 2 | 12°43 | 12°22 | 10°48 | 16°28 | 3°43 3°47 | F 4 |
| S 5 20 5 S 6 21 M 7 21 T 8 21 W 9 21 1 T 10 21 1 | 6 19 | 20°16 20°8 14°6 26°12 80°26 20°50 | 18°57 21° 2 23° 6 25° 8 | 26°54 28° 8 29°22 | 1°26 2° 6 | 2° 9 2°18 | 9°23 | 25°58 | 23° 2 | | | | | 3°47 | |
| S 6 21 M 7 21 T 8 21 W 9 21 1 T 10 21 1 | 0 15 | 20 8 14° 6 26°12 8 10 26 20°50 | 21° 2 23° 6 25° 8 | 28° 8 29°22 | 2° 6 | 2°18 | | | _ | 12°42 | 12°16 | 10°45 | 16°34 | | S 5 |
| M 7 21 7 8 21 W 9 21 11 T 10 21 1 | 4 12 | 14° 6 26°12 8 m 26 20°50 | 23° 6 25° 8 | 29°22 | - | - | 9°29 | 26° 0 | | | | | | | |
| T 8 21 1 21 1 T 10 21 1 | 8 8 16°46'05 2 5 17°43'23 6 1 18°40'43 9 58 19°38'02 | 26°12 8 Mp 26 20°50 | 25° 8 | - | 2°46 | | | 20 0 | 23° 1 | 12°41 | 12° 8 | 10°42 | 16°41 | 3°51 | S 6 |
| W 9 21 1 T 10 21 1 | 2 5 17°43'23 6 1 18°40'43 9 58 19°38'02 | 8 Mp 26 20°50 | | 0 m. 2 c | 2 .0 | 2°26 | 9°34 | 26° 1 | 22°59 | 12°41 | 11°58 | 10°39 | 16°48 | 3°55 | M 7 |
| T 10 21 1 | 6 1 18°40'43 9 58 19°38'02 | 20°50 | 27° Q | 0 m y35 | 3°26 | 2°35 | 9°40 | 26° 3 | 22°58 | 12°40 | 11°46 | 10°36 | 16°54 | 3°59 | T 8 |
| - | 9 58 19°38'02 | | | 1°49 | 4° 7 | 2°43 | 9°45 | 26° 5 | 22°56 | 12°40 | 11°35 | 10°32 | 17° 1 | 4° 3 | W 9 |
| E 11 21 1 | | | 29° 8 | 3° 3 | 4°47 | 2°51 | 9°51 | 26° 7 | 22°54 | 12°40 | 11°24 | 10°29 | 17° 8 | 4° 7 | T 10 |
| | | 3 ₾ 25 | 1 m) 5 | 4°16 | 5°27 | 2°59 | 9°56 | 26° 9 | 22°53 | 12°39 | 11°14 | 10°26 | 17°14 | 4°10 | F 11 |
| S 12 21 2 | 3 54 20°35'21 | 16°11 | 3° 0 | 5°30 | 6° 7 | 3° 7 | 10° 2 | 26°11 | 22°51 | 12°39 | 11° 7 | 10°23 | 17°21 | 4°14 | S 12 |
| S 13 21 2 | | 29°12 | 4°54 | 6°44 | 6°47 | 3°14 | 10° 8 | 26°13 | 22°49 | 12°38 | 11° 3 | 10°20 | 17°28 | 4°18 | S 13 |
| M14 21 3 | | 12 M 28 | 6°46 | 7°57 | 7°27 | 3°22 | 10°14 | 26°15 | 22°48 | 12°38 | 11° 1 | 10°16 | 17°34 | 4°22 | M14 |
| T 15 21 3 | | 26° 2 | 8°36 | 9°11 | 8° 7 | 3°29 | 10°20 | 26°17 | 22°46 | 12°38 | 11°D 1 | 10°13 | 17°41 | 4°25 | T 15 |
| W16 21 3 | | 9 ₹ 55 | 10°24 | 10°24 | 8°47 | 3°36 | 10°26 | 26°20 | 22°45 | 12°38 | 11°R 1 | 10°10 | 17°48 | 4°29 | W16 |
| T 17 21 4 | | 24° 9 | 12°11 | 11°38 | 9°27 | 3°43 | 10°32 | 26°22 | 22°43 | 12°37 | 11° 0 | 10° 7 | 17°54 | 4°33 | T 17 |
| F 18 21 4 | | 8 국 42 | 13°55 | 12°52 | 10° 6 | 3°50 | 10°38 | 26°24 | 22°41 | 12°37 | 10°58 | 10° 4 | 18° 1 | 4°36 | F 18 |
| S 19 21 5 | 1 30 27°16'43 | 23°30 | 15°38 | 14° 5 | 10°46 | 3°57 | 10°44 | 26°27 | 22°40 | 12°37 | 10°53 | 10° 1 | 18° 8 | 4°40 | S 19 |
| S 20 21 5 | | 8≈28 | 17°20 | 15°19 | 11°26 | 4° 4 | 10°50 | 26°29 | 22°38 | 12°37 | 10°46 | 9°57 | 18°14 | 4°43 | S 20 |
| M21 21 5 | | 23°27 | 18°59 | 16°32 | 12° 5 | 4°10 | 10°56 | 26°31 | 22°36 | 12°37 | 10°36 | 9°54 | 18°21 | 4°46 | M21 |
| | 3 20 0 mg 8'49 | 8) 18 | 20°37 | 17°46 | 12°45 | 4°16 | 11° 3 | 26°34 | 22°35 | 12°D37 | 10°26 | 9°51 | 18°28 | 4°50 | T 22 |
| | 7 17 1° 6'12 | 22°52 | 22°13 | 18°59 | 13°25 | 4°22 | 11° 9 | 26°36 | 22°33 | 12°37 | 10°15 | 9°48 | 18°34 | 4°53 | W23 |
| T 24 22 1 | | 7 Υ 2 | 23°47 | 20°13 | 14° 4 | 4°28 | 11°15 | 26°39 | 22°32 | 12°37 | 10° 5 | 9°45 | 18°41 | 4°56 | T 24 |
| F 25 22 1 | | 20°45 | 25°19 | 21°26 | 14°44 | 4°34 | 11°22 | 26°41 | 22°30 | 12°37 | 9°58 | 9°42 | 18°48 | 5° 0 | F 25 |
| S 26 22 1 | 9 6 3°58'27 | 3 8 59 | 26°50 | 22°40 | 15°23 | 4°40 | 11°28 | 26°44 | 22°28 | 12°37 | 9°53 | 9°38 | 18°54 | 5° 3 | S 26 |
| S 27 22 2 | | 16°48 | 28°19 | 23°53 | 16° 3 | 4°45 | 11°35 | 26°47 | 22°27 | 12°37 | 9°50 | 9°35 | 19° 1 | 5° 6 | S 27 |
| M28 22 2 | | 29°14 | 29°47 | 25° 7 | 16°42 | 4°51 | 11°41 | 26°49 | 22°25 | 12°38 | 9°49 | 9°32 | 19° 8 | 5° 9 | M28 |
| T 29 22 3 | | 11 II 23 | 1 ≏ 12 | 26°20 | 17°21 | 4°56 | 11°48 | 26°52 | 22°24 | 12°38 | 9°49 | 9°29 | 19°14 | 5°12 | T 29 |
| W30 22 3 | | 23°19 | 2°36 | 27°34 | 18° 1 | 5° 1 | 11°55 | 26°55 | 22°22 | 12°38 12 × 38 | 9°49 9 ∡7 47 | 9°26 9 ∡ 722 | 19°21 19 © 28 | 5°15 5 © 18 | W30 T 31 |
| T 31 22 3 | 8 49 8 m 45'54 | 5 9 9 | 3 ≙ 57 | 28 m) 47 | $18\Omega 40$ | 5 Π 6 | 12 ♀ 1 | 26 ♀ 58 | 22≈21 | 1 17 2738 | 1 UV1/17 | | | 50619 | 1 1 3 1 |

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| F 1 | 22 42 46 | 9 m 43'27 | 16957 | 5 ≙ 17 | 0요 1 | 19 Ω 19 | 5 Ⅱ 10 | 12 ॒ 8 | 27 <u>₽</u> 0 | 22°R19 | 12 × 39 | 9°R43 | 9 ∡ 19 | 19934 | 5 95 20 | F 1 |
| S 2 | 22 46 42 | 10°41'01 | 28°48 | 6°35 | 1°14 | 19°59 | 5°15 | 12°15 | 27° 3 | 22≈18 | 12°39 | 9 .₹ 37 | 9°16 | 19°41 | 5°23 | S 2 |
| S 3 | 22 50 39 | 11°38'37 | 10 Ω 45 | 7°51 | 2°27 | 20°38 | 5°19 | 12°22 | 27° 6 | 22°16 | 12°39 | 9°27 | 9°13 | 19°48 | 5°26 | S 3 |
| M 4 | 22 54 35 | 12°36'13 | 22°52 | 9° 5 | 3°41 | 21°17 | 5°23 | 12°29 | 27° 9 | 22°14 | 12°40 | 9°16 | 9°10 | 19°54 | 5°29 | M 4 |
| T 5 | 22 58 32 | 13°33'50 | 5 mg 9 | 10°17 | 4°54 | 21°56 | 5°27 | 12°35 | 27°12 | 22°13 | 12°40 | 9° 3 | 9° 7 | 20° 1 | 5°31 | T 5 |
| W 6 | 23 2 28 | 14°31'29 | 17°37 | 11°27 | 6° 8 | 22°35 | 5°30 | 12°42 | 27°15 | 22°12 | 12°41 | 8°49 | 9° 3 | 20° 8 | 5°34 | W 6 |
| T 7 | 23 6 25 | 15°29'09 | 0 <u>₽</u> 18 | 12°35 | 7°21 | 23°14 | 5°34 | 12°49 | 27°18 | 22°10 | 12°41 | 8°37 | 9° 0 | 20°15 | 5°36 | T 7 |
| F 8 S 9 | 23 10 21 23 14 18 | 16°26'49 17°24'31 | 13°10 26°13 | 13°40 14°43 | 8°34 9°48 | 23°53 24°32 | 5°37 5°40 | 12°56 13° 3 | 27°21 27°24 | 22° 9 22° 7 | 12°42 12°42 | 8°26 8°18 | 8°57 8°54 | 20°21 20°28 | 5°39 5°41 | F 8 S 9 |
| | | | | _ | | | | | 1 | - | | | | | | |
| S 10 | 23 18 14 | 18°22'14 | 9M28 | 15°43 | 11° 1 | 25°11 | 5°43 | 13°10 | 27°27 | 22° 6 | 12°43 | 8°13 | 8°51 | 20°35 | 5°43 | S 10 |
| M11 T 12 | 23 22 11 23 26 8 | 19°19'58 | 22°54 | 16°40 17°35 | 12°14 13°28 | 25°50 26°29 | 5°46 | 13°18 | 27°30 27°34 | 22° 4 22° 3 | 12°44 | 8°10 | 8°48 | 20°41 | 5°45 5°48 | M11 T 12 |
| W13 | 23 26 8 | 20°17'43 21°15'29 | 6 ₹ 33 20°24 | 17°33 18°27 | 13°28 14°41 | 26°29 27° 7 | 5°49 5°51 | 13°25 13°32 | 27°34 27°37 | 22° 3 22° 2 | 12°44 12°45 | 8°D10 8°R10 | 8°44 8°41 | 20°48 20°55 | 5°50 | W13 |
| T 14 | 23 34 1 | 21°13'29 22°13'16 | 4 3 29 | 19°15 | 15°54 | 27°46 | 5°53 | 13°39 | 27°40 | 22° 0 | 12°46 | 8° 9 | 8°38 | 20°33 | 5°52 | T 14 |
| F 15 | 23 37 57 | 23°11'03 | 18°46 | 20° 0 | 17° 8 | 28°25 | 5°55 | 13°46 | 27°43 | 21°59 | 12°46 | 8° 7 | 8°35 | 21° 8 | 5°54 | F 15 |
| S 16 | 23 41 54 | 24° 8'52 | 3≈14 | 20°42 | 18°21 | 29° 3 | 5°57 | 13°53 | 27°47 | 21°58 | 12°47 | 8° 3 | 8°32 | 21°15 | 5°56 | S 16 |
| S 17 | 23 45 50 | 25° 6'42 | 17°50 | 21°20 | 19°34 | 29°42 | 5°59 | 14° 1 | 27°50 | 21°56 | 12°48 | 7°56 | 8°28 | 21°21 | 5°57 | S 17 |
| M18 | 23 49 47 | 26° 4'33 | 2) 26 | 21°54 | 20°47 | 0 m 21 | 6° 0 | 14° 8 | 27°53 | 21°55 | 12°49 | 7°46 | 8°25 | 21°28 | 5°59 | M18 |
| T 19 | 23 53 43 | 27° 2'26 | 16°56 | 22°23 | 22° 1 | 0°59 | 6° 1 | 14°15 | 27°57 | 21°54 | 12°50 | 7°36 | 8°22 | 21°35 | 6° 1 | T 19 |
| W20 | 23 57 40 | 28° 0'19 | 1 Υ 13 | 22°49 | 23°14 | 1°38 | 6° 2 | 14°23 | 28° 0 | 21°52 | 12°51 | 7°25 | 8°19 | 21°41 | 6° 3 | W20 |
| T 21 | 0 1 37 | 28°58'14 | 15°12 | 23° 9 | 24°27 | 2°16 | 6° 3 | 14°30 | 28° 3 | 21°51 | 12°52 | 7°16 | 8°16 | 21°48 | 6° 4 | T 21 |
| F 22 | 0 5 33 | 29°56'11 | 28°48 | 23°25 | 25°40 | 2°55 | 6° 4 | 14°37 | 28° 7 | 21°50 | 12°53 | 7° 8 | 8°13 | 21°55 | 6° 6 | F 22 |
| S 23 | 0 9 30 | 0 ჲ 54'09 | 11859 | 23°35 | 26°53 | 3°33 | 6° 4 | 14°45 | 28°10 | 21°49 | 12°54 | 7° 3 | 8° 9 | 22° 1 | 6° 7 | S 23 |
| S 24 | 0 13 26 | 1°52'10 | 24°47 | 23°R40 | 28° 6 | 4°11 | 6° 5 | 14°52 | 28°14 | 21°48 | 12°55 | 7° 1 | 8° 6 | 22° 8 | 6° 9 | S 24 |
| M25 | 0 17 23 | 2°50'11 | 7 Ⅱ 14 | 23°38 | 29°19 | 4°50 | 6°R 5 | 15° 0 | 28°17 | 21°47 | 12°56 | 7°D 0 | 8° 3 | 22°15 | 6°10 | M25 |
| T 26 W27 | 0 21 19 | 3°48'15 4°46'21 | 19°24 1 © 23 | 23°31 23°18 | 0MJ32 | 5°28 6° 6 | 6° 4 6° 4 | 15° 7 | 28°21 28°24 | 21°45 21°44 | 12°57 12°58 | 7° 0 7°R 1 | 8° 0 | 22°21 22°28 | 6°11 6°12 | T 26 W27 |
| T 28 | 0 25 16 0 29 12 | 5°44'28 | 13°14 | 23°18 22°58 | 1°45 2°59 | 6° 6 6°45 | 6° 4 6° 4 | 15°14 15°22 | 28°24 28°28 | 21°44 21°43 | 12°58 12°59 | 7° K 1 | 7°57 7°54 | 22°28 22°35 | 6°12 6°13 | T 28 |
| F 29 | 0 29 12 | 6°42'37 | 25° 4 | 22°32 | 4°12 | 7°23 | 6° 3 | 15°29 | 28°31 | 21°43 | 12 39 13° 1 | 6°59 | 7°50 | 22°41 | 6°14 | F 29 |
| S 30 | 0 37 6 | 7 £ 40'49 | 6 Ω 58 | 22 <u>0</u> 0 | 5 M 25 | 8 mg 1 | 6 I 2 | 15 ₽ 37 | 28 <u>0</u> 35 | 21 42 | 13 7 2 | 6 ₹ 755 | 7 ₹ 147 | 22548 | 69915 | S 30 |

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| S 1 | 0 41 2 | 8 ₾ 39'02 | 18 Ω 59 | 21°R22 | 6 M .38 | 8 m 39 | 6°R 1 | 15 ≏ 44 | 28 ॒ 39 | 21°R40 | 13 🗷 3 | 6°R48 | 7 ,₹ 144 | 22955 | 6916 | S 1 |
| M 2 | 0 44 59 | 9°37'16 | 1 Mp 12 | 20 ≏ 37 | 7°51 | 9°17 | 5 Ⅱ 59 | 15°52 | 28°42 | 21≈39 | 13° 5 | 6 ₮ 40 | 7°41 | 23° 2 | 6°17 | M 2 |
| T 3 | 0 48 55 | 10°35'33 | 13°39 | 19°48 | 9° 4 | 9°55 | 5°58 | 15°59 | 28°46 | 21°38 | 13° 6 | 6°31 | 7°38 | 23° 8 | 6°18 | T 3 |
| W 4 | 0 52 52 | 11°33'51 | 26°22 | 18°54 | 10°16 | 10°33 | 5°56 | 16° 7 | 28°50 | 21°37 | 13° 7 | 6°20 | 7°34 | 23°15 | 6°19 | W 4 |
| T 5 | 0 56 48 | 12°32'12 | 9 ≏ 20 | 17°56 | 11°29 | 11°11 | 5°54 | 16°14 | 28°53 | 21°37 | 13° 9 | 6°11 | 7°31 | 23°22 | 6°19 | T 5 |
| F 6 | 1 0 45 | 13°30'34 | 22°33 | 16°56 | 12°42 | 11°49 | 5°52 | 16°22 | 28°57 | 21°36 | 13°10 | 6° 3 | 7°28 | 23°28 | 6°20 | F 6 |
| S 7 | 1 441 | 14°28'57 | 5 M .59 | 15°54 | 13°55 | 12°27 | 5°49 | 16°30 | 29° 1 | 21°35 | 13°12 | 5°57 | 7°25 | 23°35 | 6°20 | S 7 |
| S 8 | 1 8 38 | 15°27'23 | 19°36 | 14°53 | 15° 8 | 13° 5 | 5°47 | 16°37 | 29° 4 | 21°34 | 13°13 | 5°54 | 7°22 | 23°42 | 6°21 | S 8 |
| M 9 | 1 12 34 | 16°25'50 | 3 ₹ 23 | 13°52 | 16°21 | 13°43 | 5°44 | 16°45 | 29° 8 | 21°33 | 13°15 | 5°D53 | 7°19 | 23°48 | 6°21 | M 9 |
| T 10 | 1 16 31 | 17°24'19 | 17°17 | 12°55 | 17°34 | 14°21 | 5°41 | 16°52 | 29°12 | 21°33 | 13°16 | 5°53 | 7°15 | 23°55 | 6°21 | T 10 |
| W11 | 1 20 28 | 18°22'49 | 1 る 18 | 12° 2 | 18°47 | 14°58 | 5°38 | 17° 0 | 29°15 | 21°32 | 13°18 | 5°54 | 7°12 | 24° 2 | 6°21 | W11 |
| T 12 | 1 24 24 | 19°21'21 | 15°24 | 11°15 | 19°59 | 15°36 | 5°34 | 17° 7 | 29°19 | 21°31 | 13°19 | 5°R55 | 7° 9 | 24° 8 | 6°22 | T 12 |
| F 13 | 1 28 21 | 20°19'54 | 29°34 | 10°35 | 21°12 | 16°14 | 5°31 | 17°15 | 29°23 | 21°30 | 13°21 | 5°55 | 7° 6 | 24°15 | 6°R22 | F 13 |
| S 14 | 1 32 17 | 21°18'29 | 13 ≈ 47 | 10° 2 | 22°25 | 16°51 | 5°27 | 17°22 | 29°27 | 21°30 | 13°22 | 5°53 | 7° 3 | 24°22 | 6°22 | S 14 |
| S 15 | 1 36 14 | 22°17'05 | 28° 0 | 9°39 | 23°38 | 17°29 | 5°23 | 17°30 | 29°30 | 21°29 | 13°24 | 5°49 | 6°59 | 24°28 | 6°21 | S 15 |
| M16 | 1 40 10 | 23°15'43 | 12) 10 | 9°25 | 24°50 | 18° 7 | 5°19 | 17°37 | 29°34 | 21°29 | 13°26 | 5°43 | 6°56 | 24°35 | 6°21 | M16 |
| T 17 | 1 44 7 | 24°14'22 | 26°13 | 9°D21 | 26° 3 | 18°44 | 5°15 | 17°45 | 29°38 | 21°28 | 13°28 | 5°37 | 6°53 | 24°42 | 6°21 | T 17 |
| W18 | 1 48 3 | 25°13'03 | 10 ° 4 | 9°27 | 27°16 | 19°22 | 5°10 | 17°52 | 29°42 | 21°28 | 13°29 | 5°30 | 6°50 | 24°48 | 6°21 | W18 |
| T 19 | 1 52 0 | 26°11'46 | 23°41 | 9°42 | 28°28 | 19°59 | 5° 6 | 18° 0 | 29°46 | 21°27 | 13°31 | 5°24 | 6°47 | 24°55 | 6°20 | T 19 |
| F 20 | 1 55 57 | 27°10'31 | 7 8 0 | 10° 8 | 29°41 | 20°37 | 5° 1 | 18° 7 | 29°49 | 21°27 | 13°33 | 5°19 | 6°44 | 25° 2 | 6°20 | F 20 |
| S 21 | 1 59 53 | 28° 9'18 | 20° 0 | 10°43 | 0 , ₹53 | 21°14 | 4°56 | 18°15 | 29°53 | 21°26 | 13°35 | 5°16 | 6°40 | 25° 9 | 6°19 | S 21 |
| S 22 | 2 3 50 | 29° 8'07 | 2 Ⅱ 42 | 11°26 | 2° 6 | 21°51 | 4°51 | 18°22 | 29°57 | 21°26 | 13°37 | 5°D15 | 6°37 | 25°15 | 6°19 | S 22 |
| M23 | 2 7 46 | OM 6'58 | 15° 5 | 12°18 | 3°18 | 22°29 | 4°46 | 18°30 | OM 1 | 21°26 | 13°38 | 5°16 | 6°34 | 25°22 | 6°18 | M23 |
| T 24 | 2 11 43 | 1° 5'51 | 27°15 | 13°18 | 4°31 | 23° 6 | 4°40 | 18°37 | 0° 4 | 21°25 | 13°40 | 5°17 | 6°31 | 25°29 | 6°17 | T 24 |
| W25 | 2 15 39 | 2° 4'47 | 99513 | 14°25 | 5°43 | 23°43 | 4°34 | 18°45 | 0° 8 | 21°25 | 13°42 | 5°19 | 6°28 | 25°35 | 6°16 | W25 |
| T 26 | 2 19 36 | 3° 3'44 | 21° 6 | 15°38 | 6°56 | 24°20 | 4°29 | 18°52 | 0°12 | 21°25 | 13°44 | 5°20 | 6°25 | 25°42 | 6°15 | T 26 |
| F 27 | 2 23 32 | 4° 2'44 | 2 Ω 57 | 16°56 | 8° 8 | 24°57 | 4°23 | 18°59 | 0°16 | 21°25 | 13°46 | 5°R21 | 6°21 | 25°49 | 6°14 | F 27 |
| S 28 | 2 27 29 | 5° 1'46 | 14°51 | 18°20 | 9°21 | 25°35 | 4°17 | 19° 7 | 0°20 | 21°24 | 13°48 | 5°21 | 6°18 | 25°55 | 6°13 | S 28 |
| S 29 | 2 31 26 | 6° 0'50 | 26°54 | 19°47 | 10°33 | 26°12 | 4°10 | 19°14 | 0°23 | 21°24 | 13°50 | 5°19 | 6°15 | 26° 2 | 6°12 | S 29 |
| M30 | 2 35 22 | 6°59'57 | 9 m) 9 | 21°19 | 11°45 | 26°49 | 4° 4 | 19°21 | 0°27 | 21°24 | 13°52 | 5°16 | 6°12 | 26° 9 | 6°11 | M30 |
| T 31 | 2 39 19 | 7 M 59'05 | 21 m 41 | 22 £ 53 | 12 × 758 | 27 M 26 | 3耳58 | 19 ॒2 9 | 0 M .31 | 21≈24 | 13 ×7 54 | 5 ₹ 12 | 6 ₹ 9 | 269915 | 69910 | T 31 |

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|------|---------|-------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------|-----------------|----------------|---------------|--------|----------------|------|
| W 1 | 2 43 15 | 8ML58'16 | 4 ₽ 32 | 24 ₽ 29 | 14 × 10 | 28 mg 3 | 3°R51 | 19 ≏ 36 | 0 M .35 | 21°R24 | 13 ∡ 756 | 5°R 7 | 6 √ 5 | 269522 | 6°R 9 | W 1 |
| T 2 | 2 47 12 | 9°57'28 | 17°42 | 26° 8 | 15°22 | 28°40 | 3 Ⅱ 44 | 19°43 | 0°38 | 21°D24 | 13°58 | 5 ∡ 3 | 6° 2 | 26°29 | 6 9 5 7 | T 2 |
| F 3 | 2 51 8 | 10°56'43 | 1 M .13 | 27°48 | 16°34 | 29°17 | 3°37 | 19°50 | 0°42 | 21≈24 | 14° 0 | 5° 0 | 5°59 | 26°36 | 6° 6 | F 3 |
| S 4 | 2 55 5 | 11°56'00 | 15° 2 | 29°30 | 17°47 | 29°53 | 3°30 | 19°58 | 0°46 | 21°24 | 14° 2 | 4°58 | 5°56 | 26°42 | 6° 4 | S 4 |
| S 5 | 2 59 1 | 12°55'19 | 29° 5 | 1 M L12 | 18°59 | 0 ჲ 30 | 3°23 | 20° 5 | 0°50 | 21°24 | 14° 4 | 4°D57 | 5°53 | 26°49 | 6° 3 | S 5 |
| M 6 | 3 2 58 | 13°54'40 | 13 × 19 | 2°55 | 20°11 | 1° 7 | 3°16 | 20°12 | 0°53 | 21°24 | 14° 7 | 4°57 | 5°50 | 26°56 | 6° 1 | M 6 |
| T 7 | 3 6 5 5 | 14°54'03 | 27°39 | 4°38 | 21°23 | 1°44 | 3° 9 | 20°19 | 0°57 | 21°24 | 14° 9 | 4°58 | 5°46 | 27° 2 | 5°59 | T 7 |
| W 8 | 3 10 51 | 15°53'27 | 12る 1 | 6°22 | 22°35 | 2°20 | 3° 1 | 20°26 | 1° 1 | 21°24 | 14°11 | 4°59 | 5°43 | 27° 9 | 5°57 | W 8 |
| T 9 | 3 14 48 | 16°52'54 | 26°21 | 8° 5 | 23°47 | 2°57 | 2°54 | 20°33 | 1° 5 | 21°25 | 14°13 | 5° 0 | 5°40 | 27°16 | 5°56 | T 9 |
| F 10 | 3 18 44 | 17°52'21 | 10≈37 | 9°49 | 24°59 | 3°34 | 2°46 | 20°40 | 1°8 | 21°25 | 14°15 | 5° 1 | 5°37 | 27°22 | 5°54 | F 10 |
| S 11 | 3 22 41 | 18°51'51 | 24°45 | 11°32 | 26°11 | 4°10 | 2°38 | 20°47 | 1°12 | 21°25 | 14°17 | 5°R 1 | 5°34 | 27°29 | 5°52 | S 11 |
| S 12 | 3 26 37 | 19°51'22 | 8) (44 | 13°16 | 27°23 | 4°47 | 2°31 | 20°54 | 1°16 | 21°26 | 14°20 | 5° 0 | 5°31 | 27°36 | 5°50 | S 12 |
| M13 | 3 30 34 | 20°50'54 | 22°32 | 14°58 | 28°35 | 5°23 | 2°23 | 21° 1 | 1°19 | 21°26 | 14°22 | 4°59 | 5°27 | 27°42 | 5°48 | M13 |
| T 14 | 3 34 30 | 21°50'28 | 6 Ƴ 9 | 16°41 | 29°47 | 6° 0 | 2°15 | 21° 8 | 1°23 | 21°26 | 14°24 | 4°57 | 5°24 | 27°49 | 5°45 | T 14 |
| W15 | 3 38 27 | 22°50'04 | 19°34 | 18°23 | 0 궁 59 | 6°36 | 2° 7 | 21°15 | 1°26 | 21°27 | 14°26 | 4°56 | 5°21 | 27°56 | 5°43 | W15 |
| T 16 | 3 42 24 | 23°49'42 | 2 8 44 | 20° 4 | 2°10 | 7°12 | 1°59 | 21°21 | 1°30 | 21°27 | 14°29 | 4°54 | 5°18 | 28° 3 | 5°41 | T 16 |
| F 17 | 3 46 20 | 24°49'22 | 15°41 | 21°45 | 3°22 | 7°49 | 1°51 | 21°28 | 1°34 | 21°28 | 14°31 | 4°53 | 5°15 | 28° 9 | 5°39 | F 17 |
| S 18 | 3 50 17 | 25°49'03 | 28°24 | 23°25 | 4°34 | 8°25 | 1°43 | 21°35 | 1°37 | 21°28 | 14°33 | 4°52 | 5°11 | 28°16 | 5°36 | S 18 |
| S 19 | 3 54 13 | 26°48'47 | 10耳52 | 25° 5 | 5°45 | 9° 1 | 1°35 | 21°42 | 1°41 | 21°29 | 14°36 | 4°D52 | 5° 8 | 28°23 | 5°34 | S 19 |
| M20 | 3 58 10 | 27°48'32 | 23° 8 | 26°45 | 6°57 | 9°37 | 1°27 | 21°48 | 1°44 | 21°29 | 14°38 | 4°53 | 5° 5 | 28°29 | 5°31 | M20 |
| T 21 | 4 2 6 | 28°48'20 | 59914 | 28°24 | 8° 8 | 10°13 | 1°19 | 21°55 | 1°48 | 21°30 | 14°40 | 4°53 | 5° 2 | 28°36 | 5°29 | T 21 |
| W22 | 4 6 3 | 29°48'09 | 17°11 | 0 才 2 | 9°20 | 10°49 | 1°10 | 22° 1 | 1°51 | 21°30 | 14°43 | 4°54 | 4°59 | 28°43 | 5°26 | W22 |
| T 23 | 4 9 59 | 0 ∡ 148'01 | 29° 2 | 1°40 | 10°31 | 11°25 | 1° 2 | 22° 8 | 1°55 | 21°31 | 14°45 | 4°55 | 4°56 | 28°49 | 5°23 | T 23 |
| F 24 | 4 13 56 | 1°47'54 | 10 Ω 53 | 3°18 | 11°43 | 12° 1 | 0°54 | 22°14 | 1°58 | 21°32 | 14°47 | 4°55 | 4°52 | 28°56 | 5°21 | F 24 |
| S 25 | 4 17 53 | 2°47'50 | 22°46 | 4°55 | 12°54 | 12°37 | 0°46 | 22°20 | 2° 1 | 21°33 | 14°50 | 4°55 | 4°49 | 29° 3 | 5°18 | S 25 |
| S 26 | 4 21 49 | 3°47'47 | 4 m) 48 | 6°31 | 14° 5 | 13°13 | 0°38 | 22°27 | 2° 5 | 21°33 | 14°52 | 4°R55 | 4°46 | 29° 9 | 5°15 | S 26 |
| M27 | 4 25 46 | 4°47'47 | 17° 1 | 8° 7 | 15°16 | 13°49 | 0°30 | 22°33 | 2° 8 | 21°34 | 14°54 | 4°D55 | 4°43 | 29°16 | 5°12 | M27 |
| T 28 | 4 29 42 | 5°47'49 | 29°31 | 9°43 | 16°28 | 14°25 | 0°22 | 22°39 | 2°11 | 21°35 | 14°57 | 4°55 | 4°40 | 29°23 | 5° 9 | T 28 |
| W29 | 4 33 39 | 6°47'53 | 12 ≏ 21 | 11°18 | 1 <u>7</u> °39 | 15° 0 | 0°14 | 22°45 | 2°15 | 21°36 | 14°59 | 4°55 | 4°36 | 29°30 | 5° 7 | W29 |
| T 30 | 4 37 35 | 7 .7 47'58 | 25 ≏ 35 | 12 × 753 | 18 る 50 | 15 ≏ 36 | 0 I I 6 | 22 ≙ 51 | 2 M .18 | 21≈37 | 15 ₹ 1 | 4 ₹ 756 | 4 ₹ 33 | 29936 | 595 4 | T 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)f(| ¥ | Р | v | Ω | Ç | Š | Day |
|------|---------|-------------------|----------------|-----------------|-------|----------------|----------------|----------------|----------------|-------|----------------|----------------|---------------|--------------|-------|------|
| F 1 | 4 41 32 | 8 ∡ 748'06 | 9 M 13 | 14 × 128 | 20ට 1 | 16 ₽ 12 | 29°R58 | 22 £ 57 | 2 M 21 | 21≈38 | 15 ₹ 4 | 4 ₹ 756 | 4 ₹ 30 | 299543 | 5°R 1 | F 1 |
| S 2 | 4 45 28 | 9°48'16 | 23°15 | 16° 2 | 21°12 | 16°47 | 29 8 50 | 23° 3 | 2°24 | 21°39 | 15° 6 | 4°56 | 4°27 | 29°50 | 4957 | S 2 |
| S 3 | 4 49 25 | 10°48'28 | 7 . ₹38 | 17°36 | 22°22 | 17°23 | 29°42 | 23° 9 | 2°28 | 21°40 | 15° 9 | 4°R56 | 4°24 | 29°56 | 4°54 | S 3 |
| M 4 | 4 53 22 | 11°48'41 | 22°17 | 19° 9 | 23°33 | 17°58 | 29°34 | 23°15 | 2°31 | 21°41 | 15°11 | 4°56 | 4°21 | 0Ω 3 | 4°51 | M 4 |
| T 5 | 4 57 18 | 12°48'56 | 7중 6 | 20°43 | 24°44 | 18°34 | 29°26 | 23°21 | 2°34 | 21°42 | 15°13 | 4°55 | 4°17 | 0°10 | 4°48 | T 5 |
| W 6 | 5 1 15 | 13°49'13 | 21°56 | 22°15 | 25°55 | 19° 9 | 29°19 | 23°27 | 2°37 | 21°43 | 15°16 | 4°55 | 4°14 | 0°16 | 4°45 | W 6 |
| T 7 | 5 5 1 1 | 14°49'31 | 6≈40 | 23°48 | 27° 5 | 19°44 | 29°11 | 23°32 | 2°40 | 21°44 | 15°18 | 4°53 | 4°11 | 0°23 | 4°42 | T 7 |
| F 8 | 5 9 8 | 15°49'50 | 21°12 | 25°20 | 28°16 | 20°20 | 29° 4 | 23°38 | 2°43 | 21°45 | 15°21 | 4°52 | 4° 8 | 0°30 | 4°38 | F 8 |
| S 9 | 5 13 4 | 16°50'10 | 5 ∺ 28 | 26°52 | 29°26 | 20°55 | 28°56 | 23°43 | 2°46 | 21°46 | 15°23 | 4°52 | 4° 5 | 0°37 | 4°35 | S 9 |
| S 10 | 5 17 1 | 17°50'32 | 19°26 | 28°24 | 0≈36 | 21°30 | 28°49 | 23°49 | 2°49 | 21°48 | 15°25 | 4°D51 | 4° 2 | 0°43 | 4°32 | S 10 |
| M11 | 5 20 57 | 18°50'55 | 3 Υ 5 | 29°56 | 1°47 | 22° 5 | 28°42 | 23°54 | 2°52 | 21°49 | 15°28 | 4°52 | 3°58 | 0°50 | 4°28 | M11 |
| T 12 | 5 24 54 | 19°51'19 | 16°25 | 1 る 27 | 2°57 | 22°40 | 28°35 | 24° 0 | 2°55 | 21°50 | 15°30 | 4°53 | 3°55 | 0°57 | 4°25 | T 12 |
| W13 | 5 28 51 | 20°51'45 | 29°28 | 2°58 | 4° 7 | 23°15 | 28°28 | 24° 5 | 2°58 | 21°51 | 15°33 | 4°54 | 3°52 | 1° 3 | 4°22 | W13 |
| T 14 | 5 32 47 | 21°52'12 | 12817 | 4°29 | 5°17 | 23°50 | 28°21 | 24°10 | 3° 1 | 21°53 | 15°35 | 4°55 | 3°49 | 1°10 | 4°18 | T 14 |
| F 15 | 5 36 44 | 22°52'40 | 24°52 | 5°59 | 6°27 | 24°25 | 28°14 | 24°15 | 3° 3 | 21°54 | 15°37 | 4°56 | 3°46 | 1°17 | 4°15 | F 15 |
| S 16 | 5 40 40 | 23°53'09 | 7 Ⅱ 16 | 7°29 | 7°36 | 24°59 | 28° 7 | 24°20 | 3° 6 | 21°56 | 15°40 | 4°R57 | 3°42 | 1°23 | 4°11 | S 16 |
| S 17 | 5 44 37 | 24°53'40 | 19°30 | 8°59 | 8°46 | 25°34 | 28° 1 | 24°25 | 3° 9 | 21°57 | 15°42 | 4°56 | 3°39 | 1°30 | 4° 8 | S 17 |
| M18 | 5 48 33 | 25°54'13 | 1936 | 10°29 | 9°55 | 26° 9 | 27°55 | 24°30 | 3°11 | 21°58 | 15°45 | 4°54 | 3°36 | 1°37 | 4° 4 | M18 |
| T 19 | 5 52 30 | 26°54'46 | 13°35 | 11°58 | 11° 5 | 26°43 | 27°48 | 24°35 | 3°14 | 22° 0 | 15°47 | 4°51 | 3°33 | 1°44 | 4° 1 | T 19 |
| W20 | 5 56 27 | 27°55'21 | 25°29 | 13°27 | 12°14 | 27°18 | 27°42 | 24°39 | 3°17 | 22° 1 | 15°49 | 4°47 | 3°30 | 1°50 | 3°57 | W20 |
| T 21 | 6 0 23 | 28°55'58 | $7\Omega_{20}$ | 14°55 | 13°23 | 27°52 | 27°37 | 24°44 | 3°19 | 22° 3 | 15°52 | 4°43 | 3°27 | 1°57 | 3°54 | T 21 |
| F 22 | 6 4 20 | 29°56'36 | 19°11 | 16°23 | 14°32 | 28°27 | 27°31 | 24°49 | 3°22 | 22° 4 | 15°54 | 4°39 | 3°23 | 2° 4 | 3°50 | F 22 |
| S 23 | 6 8 16 | 0 ප 57'15 | 1 Mp 4 | 17°50 | 15°41 | 29° 1 | 27°25 | 24°53 | 3°24 | 22° 6 | 15°56 | 4°35 | 3°20 | 2°10 | 3°46 | S 23 |
| S 24 | 6 12 13 | 1°57'56 | 13° 4 | 19°16 | 16°50 | 29°35 | 27°20 | 24°57 | 3°27 | 22° 8 | 15°59 | 4°32 | 3°17 | 2°17 | 3°43 | S 24 |
| M25 | 6 16 9 | 2°58'38 | 25°13 | 20°42 | 17°58 | 0 ™ 9 | 27°15 | 25° 2 | 3°29 | 22° 9 | 16° 1 | 4°31 | 3°14 | 2°24 | 3°39 | M25 |
| T 26 | 6 20 6 | 3°59'22 | 7 ≏ 38 | 22° 7 | 19° 7 | 0°43 | 27°10 | 25° 6 | 3°31 | 22°11 | 16° 3 | 4°D30 | 3°11 | 2°30 | 3°36 | T 26 |
| W27 | 6 24 2 | 5° 0'07 | 20°22 | 23°31 | 20°15 | 1°17 | 27° 5 | 25°10 | 3°34 | 22°12 | 16° 6 | 4°31 | 3° 8 | 2°37 | 3°32 | W27 |
| T 28 | 6 27 59 | 6° 0'53 | 3 M 29 | 24°54 | 21°23 | 1°51 | 27° 0 | 25°14 | 3°36 | 22°14 | 16° 8 | 4°33 | 3° 4 | 2°44 | 3°29 | T 28 |
| F 29 | 6 31 56 | 7° 1'41 | 17° 3 | 26°15 | 22°31 | 2°25 | 26°55 | 25°18 | 3°38 | 22°16 | 16°10 | 4°34 | 3° 1 | 2°51 | 3°25 | F 29 |
| S 30 | 6 35 52 | 8° 2'31 | 1 才 4 | 27°35 | 23°39 | 2°59 | 26°51 | 25°22 | 3°40 | 22°18 | 16°13 | 4°R35 | 2°58 | 2°57 | 3°21 | S 30 |
| S 31 | 6 39 49 | 9ට 3'21 | 15 ₹ 32 | 28 궁 53 | 24≈46 | 3 M .33 | 26 8 47 | 25 ≏ 26 | 3 M .42 | 22≈19 | 16 ∡ 15 | 4 ₹ 35 | 2 ₹ 55 | 3 Ω 4 | 39518 | S 31 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)∤(| # | В | n | Ω | Ç | , k | Day |
|------|---------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|----------------|---------------|---------------|---------------|-------|------|
| M 1 | 6 43 45 | 10궁 4'13 | 0 云 23 | 0≈ 8 | 25≈54 | 4M 6 | 26°R43 | 25 Ω 29 | 3 M .44 | 22≈21 | 16 × 17 | 4°R33 | 2 ₹ 52 | 3 Ω 11 | 3°R14 | M 1 |
| T 2 | 6 47 42 | 11° 5'06 | 15°30 | 1°22 | 27° 1 | 4°40 | 26 8 39 | 25°33 | 3°46 | 22°23 | 16°19 | 4 ₹ 29 | 2°49 | 3°17 | 39911 | T 2 |
| W 3 | 6 51 38 | 12° 5'59 | 0≈43 | 2°32 | 28° 8 | 5°13 | 26°35 | 25°36 | 3°48 | 22°25 | 16°22 | 4°24 | 2°45 | 3°24 | 3° 7 | W 3 |
| T 4 | 6 55 35 | 13° 6'54 | 15°52 | 3°39 | 29°15 | 5°47 | 26°32 | 25°40 | 3°50 | 22°27 | 16°24 | 4°18 | 2°42 | 3°31 | 3° 4 | T 4 |
| F 5 | 6 59 31 | 14° 7'49 | 0) €47 | 4°42 | 0 ∺ 22 | 6°20 | 26°29 | 25°43 | 3°52 | 22°29 | 16°26 | 4°12 | 2°39 | 3°38 | 3° 0 | F 5 |
| S 6 | 7 3 28 | 15° 8'44 | 15°20 | 5°41 | 1°28 | 6°53 | 26°26 | 25°46 | 3°54 | 22°30 | 16°28 | 4° 7 | 2°36 | 3°44 | 2°57 | S 6 |
| S 7 | 7 7 25 | 16° 9'41 | 29°29 | 6°35 | 2°35 | 7°26 | 26°23 | 25°49 | 3°56 | 22°32 | 16°30 | 4° 4 | 2°33 | 3°51 | 2°53 | S 7 |
| M 8 | 7 11 21 | 17°10'37 | 13 Y 10 | 7°22 | 3°41 | 7°59 | 26°20 | 25°52 | 3°57 | 22°34 | 16°32 | 4°D 2 | 2°29 | 3°58 | 2°50 | M 8 |
| T 9 | 7 15 18 | 18°11'34 | 26°26 | 8° 3 | 4°47 | 8°32 | 26°18 | 25°55 | 3°59 | 22°36 | 16°35 | 4° 3 | 2°26 | 4° 4 | 2°47 | T 9 |
| W10 | 7 19 14 | 19°12'32 | 9820 | 8°37 | 5°52 | 9° 5 | 26°16 | 25°58 | 4° 1 | 22°38 | 16°37 | 4° 4 | 2°23 | 4°11 | 2°43 | W10 |
| T 11 | 7 23 11 | 20°13'30 | 21°56 | 9° 2 | 6°57 | 9°38 | 26°14 | 26° 1 | 4° 2 | 22°40 | 16°39 | 4° 5 | 2°20 | 4°18 | 2°40 | T 11 |
| F 12 | 7 27 7 | 21°14'28 | 4 Ⅱ 16 | 9°18 | 8° 2 | 10°10 | 26°12 | 26° 3 | 4° 4 | 22°42 | 16°41 | 4°R 6 | 2°17 | 4°24 | 2°36 | F 12 |
| S 13 | 7 31 4 | 22°15'27 | 16°26 | 9°R24 | 9° 7 | 10°43 | 26°10 | 26° 6 | 4° 5 | 22°44 | 16°43 | 4° 5 | 2°14 | 4°31 | 2°33 | S 13 |
| S 14 | 7 35 0 | 23°16'26 | 28°28 | 9°19 | 10°12 | 11°15 | 26° 9 | 26° 8 | 4° 7 | 22°46 | 16°45 | 4° 2 | 2°10 | 4°38 | 2°30 | S 14 |
| M15 | 7 38 57 | 24°17'26 | 10925 | 9° 3 | 11°16 | 11°48 | 26° 8 | 26°11 | 4° 8 | 22°48 | 16°47 | 3°56 | 2° 7 | 4°45 | 2°27 | M15 |
| T 16 | 7 42 54 | 25°18'26 | 22°18 | 8°35 | 12°20 | 12°20 | 26° 7 | 26°13 | 4° 9 | 22°50 | 16°49 | 3°48 | 2° 4 | 4°51 | 2°23 | T 16 |
| W17 | 7 46 50 | 26°19'26 | 4 Ω 10 | 7°55 | 13°23 | 12°52 | 26° 6 | 26°15 | 4°10 | 22°52 | 16°51 | 3°39 | 2° 1 | 4°58 | 2°20 | W17 |
| T 18 | 7 50 47 | 27°20'27 | 16° 2 | 7° 4 | 14°26 | 13°24 | 26° 6 | 26°17 | 4°12 | 22°54 | 16°53 | 3°28 | 1°58 | 5° 5 | 2°17 | T 18 |
| F 19 | 7 54 43 | 28°21'28 | 27°55 | 6° 2 | 15°29 | 13°56 | 26° 5 | 26°19 | 4°13 | 22°57 | 16°55 | 3°16 | 1°54 | 5°11 | 2°14 | F 19 |
| S 20 | 7 58 40 | 29°22'30 | 9 m 51 | 4°52 | 16°32 | 14°28 | 26°D 5 | 26°20 | 4°14 | 22°59 | 16°57 | 3° 6 | 1°51 | 5°18 | 2°11 | S 20 |
| S 21 | 8 2 36 | 0≈23'32 | 21°53 | 3°36 | 17°34 | 14°59 | 26° 5 | 26°22 | 4°15 | 23° 1 | 16°59 | 2°58 | 1°48 | 5°25 | 2° 8 | S 21 |
| M22 | 8 6 33 | 1°24'35 | 4 º 4 | 2°15 | 18°36 | 15°31 | 26° 6 | 26°24 | 4°16 | 23° 3 | 17° 1 | 2°51 | 1°45 | 5°32 | 2° 5 | M22 |
| T 23 | 8 10 29 | 2°25'38 | 16°26 | <u>0°53</u> | 19°37 | 16° 2 | 26° 6 | 26°25 | 4°17 | 23° 5 | 17° 2 | 2°47 | 1°42 | 5°38 | 2° 2 | T 23 |
| W24 | 8 14 26 | 3°26'42 | 29° 5 | 29 궁 32 | 20°38 | 16°34 | 26° 7 | 26°26 | 4°17 | 23° 7 | 17° 4 | 2°D46 | 1°39 | 5°45 | 1°59 | W24 |
| T 25 | 8 18 23 | 4°27'46 | 12 M 3 | 28°15 | 21°39 | 17° 5 | 26° 8 | 26°28 | 4°18 | 23° 9 | 17° 6 | 2°46 | 1°35 | 5°52 | 1°56 | T 25 |
| F 26 | 8 22 19 | 5°28'51 | 25°26 | 27° 4 | 22°39 | 17°36 | 26° 9 | 26°29 | 4°19 | 23°12 | 17° 8 | 2°47 | 1°32 | 5°58 | 1°53 | F 26 |
| S 27 | 8 26 16 | 6°29'56 | 9 才 16 | 26° 1 | 23°39 | 18° 7 | 26°10 | 26°30 | 4°20 | 23°14 | 17°10 | 2°R47 | 1°29 | 6° 5 | 1°51 | S 27 |
| S 28 | 8 30 12 | 7°31'02 | 2 <u>3</u> °35 | 25° 7 | 24°38 | 18°38 | 26°12 | 26°31 | 4°20 | 23°16 | 17°11 | 2°45 | 1°26 | 6°12 | 1°48 | S 28 |
| M29 | 8 34 9 | 8°32'08 | 8 궁 20 | 24°23 | 25°37 | 19° 9 | 26°14 | 26°31 | 4°21 | 23°18 | 17°13 | 2°41 | 1°23 | 6°19 | 1°45 | M29 |
| T 30 | 8 38 5 | 9°33'14 | 23°26 | 23°49 | 26°35 | 19°39 | 26°16 | 26°32 | 4°21 | 23°20 | 17°15 | 2°34 | 1°20 | 6°25 | 1°43 | T 30 |
| W31 | 8 42 2 | 10≈34'20 | 8 ≈ 45 | 23 る 25 | 27) 33 | 20 M 10 | 26818 | 26 ≏ 33 | 4M22 | 23≈23 | 17 × 16 | 2 ₹ 24 | 1 才 16 | 6Ω 32 | 19540 | W31 |

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| Day | Sid.t | \odot | Ŋ | φ | φ | o ⁷ | 4 | ħ |)ұ(| ¥ | P 2 | ß | Ω | ţ | Š | Day |
|------|----------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|-------|-----------------|----------------|----------------|---------------|-------|------|
| T 1 | 8 45 59 | 11≈35'26 | 24≈ 6 | 23°R11 | 28 米 31 | 20 M 40 | 26820 | 26 ₾ 33 | 4ML22 | 23≈25 | 17 × 18 | 2°R14 | 1 才 13 | 6 Ω 39 | 1°R37 | T 1 |
| F 2 | 8 49 55 | 12°36'32 | | 23°D 6 | 29°27 | 21°10 | 26°23 | 26°34 | 4°23 | 23°27 | 17°19 | 2 √ 3 | 1°10 | 6°45 | 1935 | F 2 |
| S 3 | 8 53 52 | 13°37'37 | 24° 5 | 23 궁 10 | 0 Υ 24 | 21°40 | 26°25 | 26°34 | 4°23 | 23°29 | 17°21 | 1°54 | 1° 7 | 6°52 | 1°33 | S 3 |
| S 4 | 8 57 48 | 14°38'42 | 8 Υ 28 | 23°22 | 1°19 | 22°10 | 26°28 | 26°34 | 4°23 | 23°32 | 17°23 | 1°46 | 1° 4 | 6°59 | 1°30 | S 4 |
| M 5 | 9 1 45 | 15°39'46 | 22°20 | 23°41 | 2°14 | 22°40 | 26°32 | 26°R34 | 4°23 | 23°34 | 17°24 | 1°42 | 1° 0 | 7° 5 | 1°28 | M 5 |
| T 6 | 9 5 41 | 16°40'50 | 5 8 42 | 24° 8 | 3° 9 | 23° 9 | 26°35 | 26°34 | 4°23 | 23°36 | 17°26 | 1°40 | 0°57 | 7°12 | 1°26 | T 6 |
| W 7 | 9 9 38 | 17°41'54 | 18°38 | 24°40 | 4° 2 | 23°38 | 26°38 | 26°34 | 4°23 | 23°38 | 17°27 | 1°D39 | 0°54 | 7°19 | 1°24 | W 7 |
| T 8 | 9 13 34 | 18°42'56 | 1 I I11 | 25°18 | 4°55 | 24° 8 | 26°42 | 26°33 | 4°R23 | 23°41 | 17°28 | 1°R39 | 0°51 | 7°26 | 1°22 | T 8 |
| F 9 | 9 17 31 | 19°43'59 | 13°27 | 26° 1 | 5°48 | 24°37 | 26°46 | 26°33 | 4°23 | 23°43 | 17°30 | 1°39 | 0°48 | 7°32 | 1°20 | F 9 |
| S 10 | 9 21 28 | 20°45'00 | 25°30 | 26°49 | 6°39 | 25° 6 | 26°50 | 26°32 | 4°23 | 23°45 | 17°31 | 1°37 | 0°45 | 7°39 | 1°18 | S 10 |
| S 11 | 9 25 24 | 21°46'01 | 79526 | 27°40 | 7°30 | 25°34 | 26°55 | 26°32 | 4°23 | 23°47 | 17°32 | 1°32 | 0°41 | 7°46 | 1°16 | S 11 |
| M12 | 9 29 21 | 22°47'01 | 19°17 | 28°36 | 8°20 | 26° 3 | 26°59 | 26°31 | 4°23 | 23°50 | 17°34 | 1°24 | 0°38 | 7°52 | 1°14 | M12 |
| T 13 | 9 33 17 | 23°48'01 | 1 Ω 7 | 29°34 | 9° 9 | 26°31 | 27° 4 | 26°30 | 4°23 | 23°52 | 17°35 | 1°13 | 0°35 | 7°59 | 1°12 | T 13 |
| W14 | 9 37 14 | 24°48'59 | 12°59 | 0≈36 | 9°57 | 26°59 | 27° 9 | 26°29 | 4°22 | 23°54 | 17°36 | 1° 0 | 0°32 | 8° 6 | 1°11 | W14 |
| T 15 | 9 41 10 | 25°49'58 | 24°54 | 1°40 | 10°44 | 27°27 | 27°14 | 26°28 | 4°22 | 23°57 | 17°37 | 0°45 | 0°29 | 8°13 | 1° 9 | T 15 |
| F 16 | 9 45 7 | 26°50'55 | 6 m 53 | 2°47 | 11°31 | 27°55 | 27°19 | 26°27 | 4°21 | 23°59 | 17°39 | 0°30 | 0°26 | 8°19 | 1° 7 | F 16 |
| S 17 | 9 49 3 | 27°51'52 | 18°57 | 3°56 | 12°16 | 28°23 | 27°24 | 26°26 | 4°21 | 24° 1 | 17°40 | 0°16 | 0°22 | 8°26 | 1° 6 | S 17 |
| S 18 | 9 53 0 | 28°52'48 | 1 ♀ 7 | 5° 6 | 13° 0 | 28°50 | 27°30 | 26°24 | 4°20 | 24° 3 | 17°41 | 0° 4 | 0°19 | 8°33 | 1° 4 | S 18 |
| M19 | 9 56 56 | 29°53'44 | 13°26 | 6°19 | 13°43 | 29°17 | 27°36 | 26°23 | 4°20 | 24° 6 | 17°42 | 29 M 54 | 0°16 | 8°39 | 1° 3 | M19 |
| T 20 | 10 0 53 | 0) € 54'39 | 25°55 | 7°34 | 14°26 | 29°44 | 27°42 | 26°21 | 4°19 | 24° 8 | 17°43 | 29°48 | 0°13 | 8°46 | 1° 2 | T 20 |
| W21 | 10 4 50 | 1°55'34 | 8 M .36 | 8°50 | 15° 7 | 0 √ 11 | 27°48 | 26°20 | 4°18 | 24°10 | 17°44 | 29°45 | 0°10 | 8°53 | 1° 1 | W21 |
| T 22 | 10 8 46 | 2°56'28 | 21°33 | 10° 7 | 15°46 | 0°38 | 27°54 | 26°18 | 4°18 | 24°12 | 17°45 | 29°44 | 0° 6 | 9° 0 | 1° 0 | T 22 |
| F 23 | 10 12 43 | 3°57'22 | 4 ₹ 750 | 11°26 | 16°25 | 1° 4 | 28° 1 | 26°16 | 4°17 | 24°15 | 17°46 | 29°44 | 0° 3 | 9° 6 | 0°58 | F 23 |
| S 24 | 10 16 39 | 4°58'15 | 18°29 | 12°46 | 17° 2 | 1°30 | 28° 7 | 26°14 | 4°16 | 24°17 | 17°47 | 29°43 | 0° 0 | 9°13 | 0°58 | S 24 |
| S 25 | 10 20 36 | 5°59'07 | 2 ප 32 | 14° 7 | 17°38 | 1°56 | 28°14 | 26°12 | 4°15 | 24°19 | 17°48 | 29°41 | 29 M 57 | 9°20 | 0°57 | S 25 |
| M26 | 10 24 32 | 6°59'59 | 17° 0 | 15°30 | 18°13 | 2°22 | 28°21 | 26°10 | 4°14 | 24°21 | 17°49 | 29°37 | 29°54 | 9°26 | 0°56 | M26 |
| T 27 | 10 28 29 | 8° 0'50 | 1≈50 | 16°54 | 18°46 | 2°47 | 28°28 | 26° 7 | 4°13 | 24°24 | 17°49 | 29°30 | 29°51 | 9°33 | 0°55 | T 27 |
| W28 | 10 32 25 | 9) 1'41 | 16≈55 | 18 ≈ 18 | 19 Υ 18 | 3 ∡ 12 | 28 8 35 | 26 ♀ 5 | 4ML12 | 24≈26 | 17 ∡ 750 | 29M20 | 29 M 47 | 9 Ω 40 | 0954 | W28 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| ¥ | В | n | Ω | ţ | o k | Day |
|------|----------|-------------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|-------|-----------------|----------------|-----------------|---------------|--------|------|
| T 1 | 10 36 22 | 10 ¥ 2'30 | 2) 6 | 19≈44 | 19 Y 48 | 3 . ₹37 | 28 8 43 | 26°R 2 | 4°R11 | 24≈28 | 17 √ 51 | 29°R 9 | 29 TL 44 | 9 Ω 47 | 0°R54 | T 1 |
| F 2 | 10 40 19 | 11° 3'18 | 17°13 | 21°10 | 20°16 | 4° 2 | 28°50 | 26 <u>₽</u> 0 | 4 M .10 | 24°30 | 17°52 | 28 M 57 | 29°41 | 9°53 | OSS3 | F 2 |
| S 3 | 10 44 15 | 12° 4'05 | 2 Υ 5 | 22°38 | 20°43 | 4°26 | 28°58 | 25°57 | 4° 8 | 24°32 | 17°52 | 28°47 | 29°38 | 10° 0 | 0°53 | S 3 |
| S 4 | 10 48 12 | 13° 4'51 | 16°33 | 24° 6 | 21° 8 | 4°50 | 29° 6 | 25°54 | 4° 7 | 24°35 | 17°53 | 28°38 | 29°35 | 10° 7 | 0°52 | S 4 |
| M 5 | 10 52 8 | 14° 5'36 | 0 8 34 | 25°35 | 21°31 | 5°14 | 29°14 | 25°52 | 4° 6 | 24°37 | 17°53 | 28°33 | 29°32 | 10°13 | 0°52 | M 5 |
| T 6 | 10 56 5 | 15° 6'19 | 14° 4 | 27° 6 | 21°53 | 5°38 | 29°22 | 25°49 | 4° 4 | 24°39 | 17°54 | 28°30 | 29°28 | 10°20 | 0°52 | T 6 |
| W 7 | 11 0 1 | 16° 7'01 | 27° 7 | 28°37 | 22°12 | 6° 1 | 29°30 | 25°46 | 4° 3 | 24°41 | 17°55 | 28°D29 | 29°25 | 10°27 | 0°52 | W 7 |
| T 8 | 11 3 58 | 17° 7'41 | 9 Ⅱ 45 | 0 ∺ 8 | 22°29 | 6°24 | 29°39 | 25°42 | 4° 2 | 24°43 | 17°55 | 28°29 | 29°22 | 10°34 | 0°D52 | T 8 |
| F 9 | 11 7 54 | 18° 8'19 | 22° 4 | 1°41 | 22°45 | 6°47 | 29°47 | 25°39 | 4° 0 | 24°45 | 17°55 | 28°R29 | 29°19 | 10°40 | 0°52 | F 9 |
| S 10 | 11 11 51 | 19° 8'57 | 495 8 | 3°15 | 22°58 | 7° 9 | 29°56 | 25°36 | 3°58 | 24°48 | 17°56 | 28°28 | 29°16 | 10°47 | 0°52 | S 10 |
| S 11 | 11 15 48 | 20° 9'32 | 16° 3 | 4°49 | 23° 9 | 7°31 | 0耳 5 | 25°33 | 3°57 | 24°50 | 17°56 | 28°25 | 29°12 | 10°54 | 0°52 | S 11 |
| M12 | 11 19 44 | 21°10'06 | 27°53 | 6°25 | 23°18 | 7°53 | 0°14 | 25°29 | 3°55 | 24°52 | 17°57 | 28°19 | 29° 9 | 11° 0 | 0°52 | M12 |
| T 13 | 11 23 41 | 22°10'38 | 9 Ω 43 | 8° 1 | 23°24 | 8°14 | 0°23 | 25°26 | 3°53 | 24°54 | 17°57 | 28°10 | 29° 6 | 11° 7 | 0°52 | T 13 |
| W14 | 11 27 37 | 23°11'09 | 21°37 | 9°38 | 23°28 | 8°35 | 0°32 | 25°22 | 3°52 | 24°56 | 17°57 | 28° 0 | 29° 3 | 11°14 | 0°53 | W14 |
| T 15 | 11 31 34 | 24°11'38 | 3 Mp 36 | 11°16 | 23°R30 | 8°56 | 0°42 | 25°18 | 3°50 | 24°58 | 17°57 | 27°48 | 29° 0 | 11°21 | 0°53 | T 15 |
| F 16 | 11 35 30 | 25°12'06 | 15°42 | 12°55 | 23°29 | 9°17 | 0°51 | 25°15 | 3°48 | 25° 0 | 17°58 | 27°35 | 28°57 | 11°27 | 0°54 | F 16 |
| S 17 | 11 39 27 | 26°12'32 | 27°57 | 14°35 | 23°26 | 9°37 | 1° 1 | 25°11 | 3°46 | 25° 2 | 17°58 | 27°23 | 28°53 | 11°34 | 0°54 | S 17 |
| S 18 | 11 43 23 | 27°12'56 | 10 ≏ 21 | 16°16 | 23°20 | 9°56 | 1°11 | 25° 7 | 3°44 | 25° 4 | 17°58 | 27°13 | 28°50 | 11°41 | 0°55 | S 18 |
| M19 | 11 47 20 | 28°13'19 | 22°55 | 17°58 | 23°12 | 10°16 | 1°20 | 25° 3 | 3°43 | 25° 6 | 17°58 | 27° 6 | 28°47 | 11°47 | 0°56 | M19 |
| T 20 | 11 51 16 | 29°13'41 | 5 M .39 | 19°40 | 23° 1 | 10°34 | 1°30 | 24°59 | 3°41 | 25° 8 | 17°58 | 27° 1 | 28°44 | 11°54 | 0°57 | T 20 |
| W21 | 11 55 13 | 0 Υ 14'01 | 18°35 | 21°24 | 22°47 | 10°53 | 1°41 | 24°55 | 3°39 | 25°10 | 17°R58 | 26°59 | 28°41 | 12° 1 | 0°58 | W21 |
| T 22 | 11 59 10 | 1°14'20 | 1 ∡ 743 | 23° 9 | 22°32 | 11°11 | 1°51 | 24°51 | 3°37 | 25°12 | 17°58 | 26°D59 | 28°37 | 12° 8 | 0°59 | T 22 |
| F 23 | 12 3 6 | 2°14'38 | 15° 5 | 24°55 | 22°13 | 11°29 | 2° 1 | 24°47 | 3°34 | 25°14 | 17°58 | 26°59 | 28°34 | 12°14 | 1° 0 | F 23 |
| S 24 | 12 7 3 | 3°14'54 | 28°43 | 26°41 | 21°53 | 11°46 | 2°12 | 24°43 | 3°32 | 25°16 | 17°58 | 27°R 0 | 28°31 | 12°21 | 1° 1 | S 24 |
| S 25 | 12 10 59 | 4°15'09 | 12 る 39 | 28°29 | 21°30 | 12° 3 | 2°22 | 24°38 | 3°30 | 25°18 | 17°58 | 27° 0 | 28°28 | 12°28 | 1° 2 | S 25 |
| M26 | 12 14 56 | 5°15'23 | 26°52 | 0 Υ 18 | 21° 5 | 12°20 | 2°33 | 24°34 | 3°28 | 25°19 | 17°58 | 26°58 | 28°25 | 12°34 | 1° 3 | M26 |
| T 27 | 12 18 52 | 6°15'35 | 11≈21 | 2° 8 | 20°38 | 12°36 | 2°44 | 24°30 | 3°26 | 25°21 | 17°57 | 26°54 | 28°22 | 12°41 | 1° 5 | T 27 |
| W28 | 12 22 49 | 7°15'46 | 26° 2 | 3°59 | 20° 9 | 12°51 | 2°55 | 24°25 | 3°24 | 25°23 | 17°57 | 26°47 | 28°18 | 12°48 | 1° 6 | W28 |
| T 29 | 12 26 45 | 8°15'55 | 10 ∺ 48 | 5°51 | 19°38 | 13° 6 | 3° 5 | 24°21 | 3°21 | 25°25 | 17°57 | 26°40 | 28°15 | 12°55 | 1°8 | T 29 |
| F 30 | 12 30 42 | 9°16'03 | 25°33 | 7°44 | 19° 6 | 13°21 | 3°17 | 24°16 | 3°19 | 25°27 | 17°57 | 26°32 | 28°12 | 13° 1 | 1° 9 | F 30 |
| S 31 | 12 34 39 | 10 Υ 16'09 | 10 Y 8 | 9 Ƴ 37 | 18 Y 32 | 13 ∡ 35 | 3 Ⅱ 28 | 24 ≏ 12 | 3 M .17 | 25≈28 | 17 ∡ 756 | 26M25 | 28M 9 | 13 N 8 | 19911 | S 31 |

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|------|----------|-------------------|-----------------|----------------|----------------|-----------------|---------------|----------------|--------------|-------|-----------------|----------------|-------|-----------------|-------|------|
| S 1 | 12 38 35 | 11 Y 16'13 | 24 Y 27 | 11 Y 32 | 17°R57 | 13 ×7 49 | 3Д39 | 24°R 7 | 3°R14 | 25≈30 | 17°R56 | 26°R19 | 28M 6 | 13 Ω 15 | 19513 | S 1 |
| M 2 | 12 42 32 | 12°16'15 | 8 8 23 | 13°28 | 17 Y 21 | 14° 2 | 3°50 | 24 ₾ 3 | 3ML12 | 25°32 | 17 ∡ 756 | 26M16 | 28° 3 | 13°21 | 1°14 | M 2 |
| T 3 | 12 46 28 | 13°16'16 | 21°54 | 15°25 | 16°44 | 14°14 | 4° 2 | 23°58 | 3°10 | 25°34 | 17°55 | 26°D14 | 27°59 | 13°28 | 1°16 | T 3 |
| W 4 | 12 50 25 | 14°16'14 | 5 I 0 | 17°22 | 16° 7 | 14°26 | 4°13 | 23°54 | 3° 7 | 25°35 | 17°55 | 26°15 | 27°56 | 13°35 | 1°18 | W 4 |
| T 5 | 12 54 21 | 15°16'11 | 17°43 | 19°20 | 15°30 | 14°38 | 4°25 | 23°49 | 3° 5 | 25°37 | 17°54 | 26°16 | 27°53 | 13°42 | 1°20 | T 5 |
| F 6 | 12 58 18 | 16°16'05 | 0 ෙ 6 | 21°18 | 14°52 | 14°49 | 4°37 | 23°44 | 3° 2 | 25°38 | 17°54 | 26°18 | 27°50 | 13°48 | 1°22 | F 6 |
| S 7 | 13 2 14 | 17°15'58 | 12°14 | 23°17 | 14°15 | 14°59 | 4°49 | 23°40 | 3° 0 | 25°40 | 17°53 | 26°R19 | 27°47 | 13°55 | 1°25 | S 7 |
| S 8 | 13 611 | 18°15'48 | 24°11 | 25°16 | 13°38 | 15° 9 | 5° 1 | 23°35 | 2°58 | 25°42 | 17°53 | 26°19 | 27°43 | 14° 2 | 1°27 | S 8 |
| M 9 | 13 10 8 | 19°15'36 | 6 N 4 | 27°15 | 13° 2 | 15°18 | 5°13 | 23°30 | 2°55 | 25°43 | 17°52 | 26°17 | 27°40 | 14° 9 | 1°29 | M 9 |
| T 10 | 13 14 4 | 20°15'22 | 17°56 | 29°13 | 12°27 | 15°27 | 5°25 | 23°25 | 2°53 | 25°45 | 17°51 | 26°14 | 27°37 | 14°15 | 1°31 | T 10 |
| W11 | 13 18 1 | 21°15'05 | 29°51 | 1811 | 11°53 | 15°35 | 5°37 | 23°21 | 2°50 | 25°46 | 17°51 | 26° 9 | 27°34 | 14°22 | 1°34 | W11 |
| T 12 | 13 21 57 | 22°14'47 | 11 m 54 | 3° 8 | 11°21 | 15°42 | 5°49 | 23°16 | 2°47 | 25°48 | 17°50 | 26° 3 | 27°31 | 14°29 | 1°36 | T 12 |
| F 13 | 13 25 54 | 23°14'26 | 24° 7 | 5° 3 | 10°50 | 15°49 | 6° 1 | 23°11 | 2°45 | 25°49 | 17°49 | 25°57 | 27°28 | 14°35 | 1°39 | F 13 |
| S 14 | 13 29 50 | 24°14'04 | 6 ₽ 33 | 6°57 | 10°21 | 15°55 | 6°14 | 23° 6 | 2°42 | 25°51 | 17°48 | 25°52 | 27°24 | 14°42 | 1°41 | S 14 |
| S 15 | 13 33 47 | 25°13'39 | 19°11 | 8°49 | 9°54 | 16° 1 | 6°26 | 23° 2 | 2°40 | 25°52 | 17°47 | 25°47 | 27°21 | 14°49 | 1°44 | S 15 |
| M16 | 13 37 43 | 26°13'13 | 2 m 3 | 10°38 | 9°28 | 16° 6 | 6°39 | 22°57 | 2°37 | 25°53 | 17°47 | 25°43 | 27°18 | 14°56 | 1°47 | M16 |
| T 17 | 13 41 40 | 27°12'45 | 15° 9 | 12°24 | 9° 6 | 16°10 | 6°51 | 22°52 | 2°35 | 25°55 | 17°46 | 25°42 | 27°15 | 15° 2 | 1°50 | T 17 |
| W18 | 13 45 36 | 28°12'14 | 28°27 | 14° 7 | 8°45 | 16°13 | 7° 4 | 22°47 | 2°32 | 25°56 | 17°45 | 25°D41 | 27°12 | 15° 9 | 1°52 | W18 |
| T 19 | 13 49 33 | 29°11'43 | 11 ×7 57 | 15°46 | 8°27 | 16°16 | 7°16 | 22°43 | 2°29 | 25°57 | 17°44 | 25°42 | 27° 9 | 15°16 | 1°55 | T 19 |
| F 20 | 13 53 30 | 0811'09 | 25°38 | 17°21 | 8°11 | 16°18 | 7°29 | 22°38 | 2°27 | 25°58 | 17°43 | 25°43 | 27° 5 | 15°22 | 1°58 | F 20 |
| S 21 | 13 57 26 | 1°10'34 | 9 궁 29 | 18°51 | 7°57 | 16°20 | 7°42 | 22°33 | 2°24 | 26° 0 | 17°42 | 25°45 | 27° 2 | 15°29 | 2° 1 | S 21 |
| S 22 | 14 1 23 | 2° 9'57 | 23°30 | 20°17 | 7°47 | 16°R20 | 7°55 | 22°29 | 2°22 | 26° 1 | 17°41 | 25°46 | 26°59 | 15°36 | 2° 5 | S 22 |
| M23 | 14 5 19 | 3° 9'18 | 7≈39 | 21°36 | 7°38 | 16°20 | 8° 8 | 22°24 | 2°19 | 26° 2 | 17°40 | 25°R46 | 26°56 | 15°43 | 2° 8 | M23 |
| T 24 | 14 9 16 | 4° 8'38 | 21°54 | 22°50 | 7°32 | 16°20 | 8°21 | 22°19 | 2°16 | 26° 3 | 17°39 | 25°45 | 26°53 | 15°49 | 2°11 | T 24 |
| W25 | 14 13 12 | 5° 7'56 | 6) (14 | 23°59 | 7°29 | 16°18 | 8°34 | 22°15 | 2°14 | 26° 4 | 17°38 | 25°43 | 26°49 | 15°56 | 2°14 | W25 |
| T 26 | 14 17 9 | 6° 7'12 | 20°33 | 25° 1 | 7°D28 | 16°16 | 8°47 | 22°10 | 2°11 | 26° 5 | 17°37 | 25°41 | 26°46 | 16° 3 | 2°17 | T 26 |
| F 27 | 14 21 5 | 7° 6'27 | 4 Ƴ 49 | 25°56 | 7°29 | 16°13 | 9° 0 | 22° 6 | 2° 9 | 26° 6 | 17°36 | 25°38 | 26°43 | 16° 9 | 2°21 | F 27 |
| S 28 | 14 25 2 | 8° 5'39 | 18°56 | 26°46 | 7°33 | 16° 9 | 9°14 | 22° 1 | 2° 6 | 26° 7 | 17°34 | 25°36 | 26°40 | 16°16 | 2°24 | S 28 |
| S 29 | 14 28 59 | 9° 4'50 | 2 8 51 | 27°28 | 7°38 | 16° 4 | 9°27 | 21°57 | 2° 3 | 26° 8 | 17°33 | 25°34 | 26°37 | 16°23 | 2°28 | S 29 |
| M30 | 14 32 55 | 10 8 3'59 | 16829 | 288 4 | 7 Ƴ 47 | 15 × 759 | 9 Ⅱ 40 | 21 ≏ 53 | 2 m 1 | 26≈ 9 | 17 × 32 | 25 M 33 | 26M34 | $16\Omega_{30}$ | 2931 | M30 |

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|-------------|----------------------|----------------------|------------------------|-----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|--------------|-------------|
| T 1 | 14 36 52 | 118 3'06 | 29 8 48 | 28 8 33 | 7 ℃ 57 | 15°R53 | 9 Ⅱ 54 | 21°R48 | 1°R58 | 26≈10 | 17°R31 | 25°D33 | 26M30 | 16 Q 36 | 2935 | T 1 |
| W 2 | 14 40 48 | 12° 2'12 | 12 Ⅱ 48 | 28°55 | 8°10 | 15 × 746 | 10° 7 | 21 <u>₽</u> 44 | 1 M .56 | 26°11 | 17 ∡ 730 | 25 M 34 | 26°27 | 16°43 | 2°39 | W 2 |
| T 3 | 14 44 45 | 13° 1'15 | 25°29 | 29°10 | 8°24 | 15°38 | 10°20 | 21°40 | 1°53 | 26°12 | 17°28 | 25°35 | 26°24 | 16°50 | 2°42 | T 3 F 4 |
| F 4 S 5 | 14 48 41 14 52 38 | 14° 0'15 14°59'14 | 7 9 53 20° 3 | 29°19 29°R21 | 8°41 8°59 | 15°30 15°21 | 10°34 10°48 | 21°35 21°31 | 1°51 1°48 | 26°13 26°13 | 17°27 17°26 | 25°36 25°37 | 26°21 26°18 | 16°57 17° 3 | 2°46 2°50 | F 4 S 5 |
| | | | | | | _ | | _ | | | | | | | | |
| S 6 | 14 56 34 | 15°58'11 | 2 Ω 3 | 29°16 | 9°19 | 15°11 | 11° 1 | 21°27 | 1°46 | 26°14 | 17°24 | 25°37 | 26°14 | 17°10 | 2°54 | S 6 |
| M 7 T 8 | 15 0 31 15 4 28 | 16°57'05 17°55'57 | 13°57 25°50 | 29° 6 28°50 | 9°42 10° 5 | 15° 0 14°48 | 11°15 11°29 | 21°23 21°19 | 1°43 1°41 | 26°15 26°16 | 17°23 17°22 | 25°R38 25°38 | 26°11 26° 8 | 17°17 17°23 | 2°57 3° 1 | M 7 T 8 |
| W 9 | 15 4 28 | 17°55'57 18°54'47 | 7 mp 47 | 28°28 | 10° 3 | 14°48 14°36 | 11°29 | 21°19 21°15 | 1°38 | 26°16 | 17°22 | 25°37 | 26° 5 | 17°23 17°30 | 3° 5 | W 9 |
| T 10 | 15 12 21 | 19°53'35 | 19°51 | 28° 2 | 10°58 | 14°23 | 11°56 | 21°11 | 1°36 | 26°17 | 17°19 | 25°37 | 26° 2 | 17°37 | 3° 9 | T 10 |
| F 11 | 15 16 17 | 20°52'20 | 2 <u>0</u> 8 | 27°31 | 11°27 | 14°10 | 12°10 | 21° 7 | 1°33 | 26°18 | 17°17 | 25°36 | 25°59 | 17°44 | 3°13 | F 11 |
| S 12 | 15 20 14 | 21°51'04 | 14°40 | 26°57 | 11°57 | 13°55 | 12°24 | 21° 4 | 1°31 | 26°18 | 17°16 | 25°36 | 25°55 | 17°50 | 3°18 | S 12 |
| S 13 | 15 24 10 | 22°49'45 | 27°29 | 26°19 | 12°29 | 13°40 | 12°37 | 21° 0 | 1°29 | 26°19 | 17°14 | 25°35 | 25°52 | 17°57 | 3°22 | S 13 |
| M14 | 15 28 7 | 23°48'24 | 10M36 | 25°40 | 13° 2 | 13°25 | 12°51 | 20°56 | 1°26 | 26°19 | 17°13 | 25°35 | 25°49 | 18° 4 | 3°26 | M14 |
| T 15 | 15 32 3 | 24°47'02 | 24° 2 | 24°59 | 13°37 | 13° 9 | 13° 5 | 20°53 | 1°24 | 26°20 | 17°11 | 25°D35 | 25°46 | 18°10 | 3°30 | T 15 |
| W16 | 15 36 0 | 25°45'38 | 7 .₹ 45 | 24°17 | 14°12 | 12°52 | 13°19 | 20°49 | 1°22 | 26°20 | 17°10 | 25°R35 | 25°43 | 18°17 | 3°34 | W16 |
| T 17 | 15 39 57 | 26°44'12 | 2 <u>1°</u> 42 | 23°36 | 14°49 | 12°34 | 13°33 | 20°46 | 1°19 | 26°20 | 17° 8 | 25°35 | 25°40 | 18°24 | 3°39 | T 17 |
| F 18 | 15 43 53 | 27°42'44 | 5 궁 51 | 22°55 | 15°28 | 12°16 | 13°47 | 20°43 | 1°17 | 26°21 | 17° 7 | 25°35 | 25°36 | 18°31 | 3°43 | F 18 |
| S 19 | 15 47 50 | 28°41'15 | 20° 6 | 22°16 | 16° 7 | 11°58 | 14° 1 | 20°39 | 1°15 | 26°21 | 17° 5 | 25°34 | 25°33 | 18°37 | 3°47 | S 19 |
| S 20 | 15 51 46 | 29°39'44 | 4≈25 | 21°39 | 16°47 | 11°39 | 14°15 | 20°36 | 1°13 | 26°21 | 17° 4 | 25°34 | 25°30 | 18°44 | 3°52 | S 20 |
| M21 | 15 55 43 | 0 Ⅲ 38'12 | 18°43 | 21° 5 | 17°29 | 11°19 | 14°29 | 20°33 | 1°11 | 26°22 | 17° 2 | 25°34 | 25°27 | 18°51 | 3°56 | M21 |
| T 22 | 15 59 39 | 1°36'38 | 2) €57 | 20°34 | 18°12 | 10°59 | 14°43 | 20°30 | 1° 8 1° 6 | 26°22 | 17° 1 | 25°D34 | 25°24 | 18°58 19°4 | 4° 1 4° 5 | T 22 |
| W23 T 24 | 16 3 36 16 7 32 | 2°35'02 3°33'25 | 17° 5 1 ° 5 | 20° 7 19°44 | 18°55 19°40 | 10°39 10°18 | 14°57 15°12 | 20°27 20°25 | 1° 6 1° 4 | 26°22 26°22 | 16°59 16°57 | 25°34 25°34 | 25°20 25°17 | 19° 4 19°11 | 4° 5 4°10 | W23 T 24 |
| F 25 | 16 11 29 | 4°31'47 | 14°56 | 19°44 19°25 | 20°25 | 9°57 | 15°26 | 20°22 | 1° 2 | 26°22 | 16°56 | 25°35 | 25°14 | 19°18 | 4°14 | F 25 |
| S 26 | 16 15 26 | 5°30'07 | 28°35 | 19°11 | 20°23 | 9°35 | 15°40 | 20°19 | 1° 0 | 26°22 | 16°54 | 25°36 | 25°11 | 19°24 | 4°19 | S 26 |
| S 27 | 16 19 22 | 6°28'26 | 128 2 | 19° 1 | 21°58 | 9°13 | 15°54 | 20°17 | 0°58 | 26°23 | 16°53 | 25°37 | 25° 8 | 19°31 | 4°24 | S 27 |
| M28 | 16 19 22 | 7°26'43 | 25°16 | 19 1 18°D57 | 21°36 22°46 | 8°51 | 15° 54 16° 8 | 20°17 20°14 | 0°56 | 26°23 | 16°51 | 25°R37 | 25° 5 | 19 31 19°38 | 4°28 | M28 |
| T 29 | 16 27 15 | 8°24'59 | 8 Ⅱ 15 | 18°57 | 23°35 | 8°29 | 16°22 | 20°12 | 0°54 | 26°R23 | 16°49 | 25°37 | 25° 1 | 19°45 | 4°33 | T 29 |
| W30 | 16 31 12 | 9°23'13 | 21° 1 | 19° 2 | 24°24 | 8° 7 | 16°37 | 20° 9 | 0°53 | 26°23 | 16°48 | 25°36 | 24°58 | 19°51 | 4°38 | W30 |
| T 31 | 16 35 8 | 10 Ⅲ 21′25 | 3933 | 19 8 11 | 25 Υ 14 | 7 , 7⁴45 | 16耳51 | 20 ♀ 7 | 0 M .51 | 26≈22 | 16 ∡ 746 | 25 M 34 | 24M55 | 19 Ω 58 | 49643 | T 31 |

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| Day | Sid.t | 0 | 9 | ğ | φ | ð | 4 | ħ | ᡟ | ¥ | Р | ß | Ω | Ç | ×0 | Day |
| F 1 | 16 39 5 | 11 II 19'35 | 159552 | 19825 | 26 Y 5 | 7°R23 | 17 I 5 | 20°R 5 | 0°R49 | 26°R22 | 16°R44 | 25°R32 | 24M52 | 20 Ω 5 | 49547 | F 1 |
| S 2 | 16 43 1 | 12°17'44 | 27°59 | 19°44 | 26°57 | 7 ₹ 0 | 17°19 | 20 ₾ 3 | 0 M 47 | 26≈22 | 16 ₹ 43 | 25 M 29 | 24°49 | 20°11 | 4°52 | S 2 |
| S 3 | 16 46 58 | 13°15'51 | 9 Ω 59 | 20° 7 | 27°49 | 6°38 | 17°33 | 20° 1 | 0°45 | 26°22 | 16°41 | 25°27 | 24°46 | 20°18 | 4°57 | S 3 |
| M 4 | 16 50 55 | 14°13'56 | 21°53 | 20°34 | 28°41 | 6°16 | 17°48 | 19°59 | 0°44 | 26°22 | 16°39 | 25°25 | 24°42 | 20°25 | 5° 2 | M 4 |
| T 5 | 16 54 51 | 15°11'59 | 3 m 45 | 21° 5 | 29°35 | 5°54 | 18° 2 | 19°58 | 0°42 | 26°22 | 16°38 | 25°23 | 24°39 | 20°32 | 5° 7 | T 5 |
| W 6 | 16 58 48 | 16°10'01 | 15°41 | 21°41 | 0828 | 5°33 | 18°16 | 19°56 | 0°41 | 26°21 | 16°36 | 25°D23 | 24°36 | 20°38 | 5°12 | W 6 |
| T 7 | 17 2 44 | 17° 8'01 | 27°44 | 22°20 | 1°23 | 5°11 | 18°30 | 19°55 | 0°39 | 26°21 | 16°34 | 25°23 | 24°33 | 20°45 | 5°16 | T 7 |
| F 8 | 17 641 | 18° 5'59 | 10☎ 0 | 23° 3 | 2°17 | 4°50 | 18°45 | 19°53 | 0°38 | 26°21 | 16°33 | 25°24 | 24°30 | 20°52 | 5°21 | F 8 |
| S 9 | 17 10 37 | 19° 3'55 | 22°33 | 23°50 | 3°13 | 4°29 | 18°59 | 19°52 | 0°36 | 26°20 | 16°31 | 25°26 | 24°26 | 20°59 | 5°26 | S 9 |
| S 10 | 17 14 34 | 20° 1'49 | 5 M 25 | 24°40 | 4° 9 | 4° 9 | 19°13 | 19°51 | 0°35 | 26°20 | 16°29 | 25°27 | 24°23 | 21° 5 | 5°31 | S 10 |
| M11 | 17 18 30 | 20°59'42 | 18°41 | 25°34 | 5° 5 | 3°49 | 19°27 | 19°49 | 0°33 | 26°20 | 16°28 | 25°R28 | 24°20 | 21°12 | 5°36 | M11 |
| T 12 | 17 22 27 | 21°57'34 | 2 ~ 21 | 26°30 | 6° 2 | 3°29 | 19°42 | 19°48 | 0°32 | 26°19 | 16°26 | 25°28 | 24°17 | 21°19 | 5°41 | T 12 |
| W13 | 17 26 24 | 22°55'24 | 16°23 | 27°30 | 6°59 | 3°10 | 19°56 | 19°48 | 0°31 | 26°19 | 16°24 | 25°27 | 24°14 | 21°25 | 5°46 | W13 |
| T 14 | 17 30 20 | 23°53'13 | 0 궁 45 | 28°33 | 7°56 | 2°52 | 20°10 | 19°47 | 0°29 | 26°18 | 16°23 | 25°25 | 24°11 | 21°32 | 5°51 | T 14 |
| F 15 | 17 34 17 | 24°51'00 | 15°21 | 29°39 | 8°54 | 2°34 | 20°24 | 19°46 | 0°28 | 26°18 | 16°21 | 25°21 | 24° 7 | 21°39 | 5°56 | F 15 |
| S 16 | 17 38 13 | 25°48'46 | 0≈ 4 | 0∏48 | 9°53 | 2°16 | 20°38 | 19°45 | 0°27 | 26°17 | 16°19 | 25°17 | 24° 4 | 21°46 | 6° 1 | S 16 |
| S 17 | 17 42 10 | 26°46'31 | 14°48 | 2° 0 | 10°52 | 2° 0 | 20°53 | 19°45 | 0°26 | 26°17 | 16°18 | 25°12 | 24° 1 | 21°52 | 6° 7 | S 17 |
| M18 | 17 46 6 | 27°44'15 | 29°24 | 3°15 | 11°51 | 1°43 | 21° 7 | 19°44 | 0°25 | 26°16 | 16°16 | 25° 9 | 23°58 | 21°59 | 6°12 | M18 |
| T 19 | 17 50 3 | 28°41'58 | 13) (49 | 4°32 | 12°50 | 1°28 | 21°21 | 19°44 | 0°24 | 26°15 | 16°14 | 25° 7 | 23°55 | 22° 6 | 6°17 | T 19 |
| W20 | 17 54 0 | 29°39'40 | 27°58 | 5°52 | 13°50 | 1°13 | 21°35 | 19°44 | 0°23 | 26°15 | 16°13 | 25°D 6 | 23°52 | 22°12 | 6°22 | W20 |
| T 21 | 17 57 56 | 0937'22 | 11 Y 50 | 7°15 | 14°51 | 0°59 | 21°49 | 19°D44 | 0°22 | 26°14 | 16°11 | 25° 6 | 23°48 | 22°19 | 6°27 | T 21 |
| F 22 | 18 1 53 | 1°35'02 | 25°25 | 8°40 | 15°51 | 0°46 | 22° 3 | 19°44 | 0°21 | 26°13 | 16°10 | 25° 8 | 23°45 | 22°26 | 6°32 | F 22 |
| S 23 | 18 5 49 | 2°32'42 | 8 8 44 | 10° 8 | 16°52 | 0°33 | 22°17 | 19°44 | 0°21 | 26°12 | 16° 8 | 25° 9 | 23°42 | 22°33 | 6°37 | S 23 |
| S 24 | 18 9 46 | 3°30'20 | 21°48 | 11°38 | 17°53 | 0°21 | 22°32 | 19°44 | 0°20 | 26°12 | 16° 6 | 25°R10 | 23°39 | 22°39 | 6°42 | S 24 |
| M25 | 18 13 42 | 4°27'58 | 4 Ⅱ 39 | 13°11 | 18°55 | 0°10 | 22°46 | 19°45 | 0°19 | 26°11 | 16° 5 | 25° 9 | 23°36 | 22°46 | 6°47 | M25 |
| T 26 | 18 17 39 | 5°25'35 | 17°19 | 14°47 | 19°56 | 29M59 | 23° 0 | 19°45 | 0°19 | 26°10 | 16° 3 | 25° 7 | 23°32 | 22°53 | 6°53 | T 26 |
| W27 | 18 21 35 | 6°23'11 | 29°47 | 16°25 | 20°58 | 29°50 | 23°14 | 19°45 | 0°18 | 26° 9 | 16° 2 | 25° 3 | 23°29 | 23° 0 | 6°58 | W27 |
| T 28 | 18 25 32 | 7°20'46 | 1295 6 | 18° 6 | 22° 1 | 29°41 | 23°28 | 19°46 | 0°17 | 26° 8 | 16° 0 | 24°57 | 23°26 | 23° 6 | 7° 3 | T 28 |
| F 29 | 18 29 29 | 8°18'20 | 24°16 | 19°49 | 23° 3 | 29°33 | 23°42 | 19°47 | 0°17 | 26° 7 | 15°59 | 24°50 | 23°23 | 23°13 | 7° 8 | F 29 |
| S 30 | 18 33 25 | 99515'53 | 6 Ω 18 | 21 Ⅲ 34 | 24 8 6 | 29M26 | 23 II 56 | 19 ≏ 48 | 0 M .16 | 26≈ 6 | 15 ₹ 57 | 24M42 | 23 M 20 | 23 Ω 20 | 79513 | S 30 |

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| S 1 | 18 37 22 | 109513'25 | 18 Ω 14 | 23Ⅲ22 | 25 8 9 | 29°R20 | 24 Ⅱ 10 | 19 ≏ 49 | 0°R16 | 26°R 5 | 15°R56 | 24°R33 | 23 M 17 | 23 N 26 | 79518 | S 1 |
| M 2 | 18 41 18 | 11°10'56 | 0 m y 7 | 25°13 | 26°12 | 29 IL 14 | 24°23 | 19°50 | 0 M .16 | 26≈ 4 | 15 ₹ 54 | 24M26 | 23°13 | 23°33 | 7°23 | M 2 |
| T 3 | 18 45 15 | 12° 8'25 | 11°58 | 27° 6 | 27°15 | 29°10 | 24°37 | 19°51 | 0°15 | 26° 3 | 15°53 | 24°20 | 23°10 | 23°40 | 7°28 | T 3 |
| W 4 | 18 49 11 | 13° 5'54 | 23°53 | 29° 1 | 28°19 | 29° 6 | 24°51 | 19°52 | 0°15 | 26° 2 | 15°51 | 24°16 | 23° 7 | 23°47 | 7°34 | W 4 |
| T 5 | 18 53 8 | 14° 3'22 | 5 Ω 54 | 0959 | 29°23 | 29° 3 | 25° 5 | 19°53 | 0°15 | 26° 1 | 15°50 | 24°14 | 23° 4 | 23°53 | 7°39 | T 5 |
| F 6 | 18 57 4 | 15° 0'48 | 18° 7 | 2°59 | 0∏27 | 29° 1 | 25°19 | 19°55 | 0°15 | 26° 0 | 15°49 | 24°D14 | 23° 1 | 24° 0 | 7°44 | F 6 |
| S 7 | 19 1 1 | 15°58'14 | 0 M .36 | 5° 1 | 1°31 | 29° 0 | 25°32 | 19°56 | 0°15 | 25°59 | 15°47 | 24°15 | 22°58 | 24° 7 | 7°49 | S 7 |
| S 8 | 19 4 58 | 16°55'38 | 13°27 | 7° 4 | 2°36 | 28°D59 | 25°46 | 19°58 | 0°D15 | 25°58 | 15°46 | 24°16 | 22°54 | 24°14 | 7°54 | S 8 |
| M 9 | 19 8 54 | 17°53'02 | 26°42 | 9°10 | 3°40 | 29° 0 | 26° 0 | 20° 0 | 0°15 | 25°56 | 15°44 | 24°R16 | 22°51 | 24°20 | 7°59 | M 9 |
| T 10 | 19 12 51 | 18°50'25 | 10 × 25 | 11°17 | 4°45 | 29° 1 | 26°13 | 20° 2 | 0°15 | 25°55 | 15°43 | 24°15 | 22°48 | 24°27 | 8° 4 | T 10 |
| W11 | 19 16 47 | 19°47'47 | 24°36 | 13°26 | 5°50 | 29° 3 | 26°27 | 20° 4 | 0°15 | 25°54 | 15°42 | 24°12 | 22°45 | 24°34 | 8° 9 | W11 |
| T 12 | 19 20 44 | 20°45'08 | 9 궁 12 | 15°36 | 6°55 | 29° 5 | 26°41 | 20° 6 | 0°15 | 25°53 | 15°40 | 24° 6 | 22°42 | 24°40 | 8°14 | T 12 |
| F 13 | 19 24 40 | 21°42'29 | 24° 7 | 17°47 | 8° 1 | 29° 9 | 26°54 | 20° 8 | 0°16 | 25°52 | 15°39 | 23°59 | 22°38 | 24°47 | 8°19 | F 13 |
| S 14 | 19 28 37 | 22°39'49 | 9≈14 | 19°58 | 9° 6 | 29°13 | 27° 8 | 20°10 | 0°16 | 25°50 | 15°38 | 23°50 | 22°35 | 24°54 | 8°25 | S 14 |
| S 15 | 19 32 33 | 23°37'08 | 24°20 | 22°10 | 10°12 | 29°18 | 27°21 | 20°12 | 0°16 | 25°49 | 15°37 | 23°42 | 22°32 | 25° 1 | 8°30 | S 15 |
| M16 | 19 36 30 | 24°34'27 | 9 米 18 | 24°22 | 11°18 | 29°24 | 27°34 | 20°15 | 0°17 | 25°48 | 15°36 | 23°34 | 22°29 | 25° 7 | 8°35 | M16 |
| T 17 | 19 40 27 | 25°31'46 | 23°59 | 26°33 | 12°24 | 29°30 | 27°48 | 20°17 | 0°17 | 25°46 | 15°34 | 23°28 | 22°26 | 25°14 | 8°40 | T 17 |
| W18 | 19 44 23 | 26°29'05 | 8 Υ 17 | 28°45 | 13°30 | 29°37 | 28° 1 | 20°20 | 0°18 | 25°45 | 15°33 | 23°25 | 22°23 | 25°21 | 8°45 | W18 |
| T 19 | 19 48 20 | 27°26'24 | 22°12 | 0 Ω 55 | 14°37 | 29°45 | 28°14 | 20°23 | 0°18 | 25°44 | 15°32 | 23°D24 | 22°19 | 25°27 | 8°50 | T 19 |
| F 20 | 19 52 16 | 28°23'43 | 5 8 43 | 3° 4 | 15°43 | 29°54 | 28°28 | 20°25 | 0°19 | 25°42 | 15°31 | 23°24 | 22°16 | 25°34 | 8°54 | F 20 |
| S 21 | 19 56 13 | 29°21'01 | 18°52 | 5°13 | 16°50 | 0 才 3 | 28°41 | 20°28 | 0°20 | 25°41 | 15°30 | 23°R24 | 22°13 | 25°41 | 8°59 | S 21 |
| S 22 | 20 0 9 | $0\Omega 18'20$ | 1 Ⅱ 43 | 7°20 | 17°56 | 0°13 | 28°54 | 20°31 | 0°20 | 25°39 | 15°29 | 23°24 | 22°10 | 25°48 | 9° 4 | S 22 |
| M23 | 20 4 6 | 1°15'39 | 14°19 | 9°25 | 19° 3 | 0°23 | 29° 7 | 20°34 | 0°21 | 25°38 | 15°28 | 23°22 | 22° 7 | 25°54 | 9° 9 | M23 |
| T 24 | 20 8 2 | 2°12'57 | 26°43 | 11°29 | 20°10 | 0°35 | 29°20 | 20°37 | 0°22 | 25°37 | 15°27 | 23°18 | 22° 4 | 26° 1 | 9°14 | T 24 |
| W25 | 20 11 59 | 3°10'16 | 8958 | 13°32 | 21°18 | 0°47 | 29°33 | 20°41 | 0°23 | 25°35 | 15°26 | 23°11 | 22° 0 | 26° 8 | 9°19 | W25 |
| T 26 | 20 15 56 | 4° 7'35 | 21° 4 | 15°32 | 22°25 | 0°59 | 29°46 | 20°44 | 0°24 | 25°34 | 15°25 | 23° 1 | 21°57 | 26°15 | 9°24 | T 26 |
| F 27 | 20 19 52 | 5° 4'53 | 3 \Omega 5 | 17°31 | 23°32 | 1°13 | 29°58 | 20°48 | 0°25 | 25°32 | 15°24 | 22°49 | 21°54 | 26°21 | 9°29 | F 27 |
| S 28 | 20 23 49 | 6° 2'11 | 15° 2 | 19°27 | 24°40 | 1°26 | 09911 | 20°51 | 0°26 | 25°31 | 15°23 | 22°36 | 21°51 | 26°28 | 9°33 | S 28 |
| S 29 | 20 27 45 | 6°59'29 | 26°55 | 21°22 | 25°48 | 1°41 | 0°24 | 20°55 | 0°27 | 25°29 | 15°22 | 22°23 | 21°48 | 26°35 | 9°38 | S 29 |
| M30 | 20 31 42 | 7°56'47 | 8 M 46 | 23°15 | 26°55 | 1°56 | 0°37 | 20°58 | 0°28 | 25°28 | 15°21 | 22°11 | 21°44 | 26°41 | 9°43 | M30 |
| T 31 | 20 35 38 | 8 Ω 54'05 | 20 m 37 | 25 Ω 6 | 28 I I 3 | 2 √ 12 | 0949 | 21 ♀ 2 | 0 M 29 | 25≈26 | 15 ₹ 20 | 22 M 1 | 21 M 41 | 26 Ω 48 | 9 9 548 | T 31 |

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| W 1 | 20 39 35 | 9 Ω 51'23 | 2 ॒ 32 | 26 Ω 54 | 29Ⅱ11 | 2 ₹ 28 | 199 2 | 21 ♀ 6 | 0 M .31 | 25°R24 | 15°R20 | 21°R53 | 21 M 38 | 26 Ω 55 | 9952 | W 1 |
| T 2 | 20 43 31 | 10°48'40 | 14°33 | 28°41 | 09519 | 2°45 | 1°14 | 21°10 | 0°32 | 25≈23 | 15 √ 19 | 21 M 48 | 21°35 | 27° 2 | 9°57 | T 2 |
| F 3 | 20 47 28 | 11°45'57 | 26°44 | 0 m 26 | 1°28 | 3° 2 | 1°27 | 21°14 | 0°33 | 25°21 | 15°18 | 21°46 | 21°32 | 27° 8 | 10° 2 | F 3 |
| S 4 | 20 51 25 | 12°43'15 | 9 M .11 | 2° 9 | 2°36 | 3°20 | 1°39 | 21°18 | 0°35 | 25°20 | 15°17 | 21°D45 | 21°29 | 27°15 | 10° 6 | S 4 |
| S 5 | 20 55 21 | 13°40'32 | 21°57 | 3°49 | 3°44 | 3°39 | 1°51 | 21°22 | 0°36 | 25°18 | 15°17 | 21°R45 | 21°25 | 27°22 | 10°11 | S 5 |
| M 6 | 20 59 18 | 14°37'49 | 5 ₹ 8 | 5°28 | 4°53 | 3°58 | 2° 3 | 21°27 | 0°38 | 25°17 | 15°16 | 21°45 | 21°22 | 27°28 | 10°15 | M 6 |
| T 7 | 21 3 14 | 15°35'05 | 18°46 | 7° 5 | 6° 2 | 4°17 | 2°15 | 21°31 | 0°39 | 25°15 | 15°16 | 21°43 | 21°19 | 27°35 | 10°20 | T 7 |
| W 8 | 21 7 11 | 16°32'22 | 2 ප 54 | 8°40 | 7°10 | 4°37 | 2°27 | 21°35 | 0°41 | 25°13 | 15°15 | 21°39 | 21°16 | 27°42 | 10°24 | W 8 |
| T 9 | 21 11 7 | 17°29'39 | 17°31 | 10°13 | 8°19 | 4°58 | 2°39 | 21°40 | 0°42 | 25°12 | 15°14 | 21°32 | 21°13 | 27°49 | 10°29 | T 9 |
| F 10 | 21 15 4 | 18°26'56 | 2≈31 | 11°43 | 9°28 | 5°19 | 2°51 | 21°44 | 0°44 | 25°10 | 15°14 | 21°23 | 21°10 | 27°55 | 10°33 | F 10 |
| S 11 | 21 19 1 | 19°24'14 | 17°46 | 13°12 | 10°37 | 5°40 | 3° 3 | 21°49 | 0°46 | 25° 9 | 15°13 | 21°12 | 21° 6 | 28° 2 | 10°38 | S 11 |
| S 12 | 21 22 57 | 20°21'31 | 3 ∺ 6 | 14°39 | 11°46 | 6° 2 | 3°15 | 21°54 | 0°48 | 25° 7 | 15°13 | 21° 2 | 21° 3 | 28° 9 | 10°42 | S 12 |
| M13 | 21 26 54 | 21°18'49 | 18°19 | 16° 3 | 12°56 | 6°24 | 3°26 | 21°59 | 0°49 | 25° 5 | 15°13 | 20°52 | 21° 0 | 28°16 | 10°46 | M13 |
| T 14 | 21 30 50 | 22°16'07 | 3 Ƴ 14 | 17°26 | 14° 5 | 6°47 | 3°38 | 22° 3 | 0°51 | 25° 4 | 15°12 | 20°44 | 20°57 | 28°22 | 10°50 | T 14 |
| W15 | 21 34 47 | 23°13'26 | 17°45 | 18°46 | 15°14 | 7°10 | 3°49 | 22° 8 | 0°53 | 25° 2 | 15°12 | 20°39 | 20°54 | 28°29 | 10°55 | W15 |
| T 16 | 21 38 43 | 24°10'46 | 1848 | 20° 4 | 16°24 | 7°34 | 4° 1 | 22°13 | 0°55 | 25° 0 | 15°11 | 20°37 | 20°50 | 28°36 | 10°59 | T 16 |
| F 17 | 21 42 40 | 25° 8'07 | 15°24 | 21°20 | 17°33 | 7°58 | 4°12 | 22°18 | 0°57 | 24°59 | 15°11 | 20°36 | 20°47 | 28°42 | 11° 3 | F 17 |
| S 18 | 21 46 36 | 26° 5'28 | 28°33 | 22°33 | 18°43 | 8°23 | 4°23 | 22°24 | 0°59 | 24°57 | 15°11 | 20°36 | 20°44 | 28°49 | 11° 7 | S 18 |
| S 19 | 21 50 33 | 27° 2'51 | 11 Ⅱ 20 | 23°45 | 19°53 | 8°47 | 4°34 | 22°29 | 1° 1 | 24°56 | 15°11 | 20°36 | 20°41 | 28°56 | 11°11 | S 19 |
| M20 | 21 54 29 | 28° 0'14 | 23°50 | 24°54 | 21° 3 | 9°13 | 4°45 | 22°34 | 1° 3 | 24°54 | 15°11 | 20°33 | 20°38 | 29° 3 | 11°15 | M20 |
| T 21 | 21 58 26 | 28°57'38 | 69 5 | 26° 0 | 22°13 | 9°38 | 4°56 | 22°40 | 1° 6 | 24°52 | 15°10 | 20°29 | 20°35 | 29° 9 | 11°19 | T 21 |
| W22 | 22 2 23 | 29°55'03 | 18°11 | 27° 4 | 23°23 | 10° 5 | 5° 7 | 22°45 | 1° 8 | 24°51 | 15°10 | 20°22 | 20°31 | 29°16 | 11°23 | W22 |
| T 23 F 24 | 22 6 19 22 10 16 | 0 To 52'29 1°49'56 | 0 Ω 10 12° 5 | 28° 5 29° 3 | 24°33 25°43 | 10°31 10°58 | 5°18 5°29 | 22°50 | 1°10 1°13 | 24°49 24°47 | 15°10 15°10 | 20°12 20° 0 | 20°28 20°25 | 29°23 29°29 | 11°27 11°31 | T 23 F 24 |
| S 25 | 22 10 16 22 14 12 | 2°47'23 | 23°57 | 29°58 | 25°43 26°54 | 10°38 11°25 | 5°39 | 22°56 23° 2 | 1°13 | 24°47 24°46 | 15°D10 | 19°46 | 20°23 20°22 | 29°29 29°36 | 11°31 | S 25 |
| | | | | | | | | | | | | | | | _ | |
| S 26 | 22 18 9 | 3°44'51 | 5 Mp 49 | 0 ₾ 51 | 28° 4 | 11°53 | 5°49 | 23° 7 | 1°17 | 24°44 | 15°10 | 19°33 | 20°19 | 29°43 | 11°38 | S 26 |
| M27 | 22 22 5 | 4°42'20 | 17°42 | 1°40 | 29°14 | 12°21 | 6° 0 | 23°13 | 1°20 | 24°43 | 15°10 | 19°20 | 20°15 | 29°50 | 11°42 | M27 |
| T 28 | 22 26 2 | 5°39'50 | 29°36 | 2°26 | 0 Ω 25 | 12°49 | 6°10 | 23°19 | 1°22 | 24°41 | 15°10 | 19°10 | 20°12 | 29°56 | 11°46 | T 28 |
| W29 T 30 | 22 29 58 22 33 55 | 6°37'20 7°34'52 | 11 ≙ 35 23°41 | 3° 8 3°46 | 1°36 2°46 | 13°18 13°46 | 6°20 6°30 | 23°25 23°31 | 1°25 1°27 | 24°39 24°38 | 15°10 15°10 | 19° 2 18°56 | 20° 9 20° 6 | 0 Mp 3 0°10 | 11°49 11°53 | W29 T 30 |
| F 31 | 22 33 33 22 22 37 52 | 8 m) 32'24 | 5 M .56 | 3°46 4 Ω 21 | $3\Omega 57$ | 13°46 14 × 16 | 6940 | 23°31 23 º 36 | 1 M 30 | 24×36 | 15°10 | 18°56 | 20° 6 | 0°10 | 11956 | F 31 |
| 1 51 | 22 31 32 | ד 2 ב כי קוו ט | JIIUJU | 7-21 | 20627 | 147 10 | J-70 | 23-30 | 111050 | 2770.50 | 127 11 | TOHOST | 20110 3 | Ο II, Ι | 50 | 1 21 |

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| S 1 | 22 41 48 | 9 m 29'56 | 18 M 24 | 4 ₽ 52 | 5 N 8 | 14 × 745 | 6950 | 23 ≏ 43 | 1 M .33 | 24°R35 | 15 √ 11 | 18°D53 | 20 M 0 | 0 m 23 | 129 0 | S 1 |
| S 2 | 22 45 45 | 10°27'30 | 1 才 10 | 5°18 | 6°19 | 15°15 | 7° 0 | 23°49 | 1°35 | 24≈33 | 15°11 | 18 M .53 | 19°56 | 0°30 | 12° 3 | S 2 |
| M 3 | 22 49 41 | 11°25'04 | 14°17 | 5°40 | 7°30 | 15°46 | 7° 9 | 23°55 | 1°38 | 24°32 | 15°11 | 18°R53 | 19°53 | 0°37 | 12° 6 | M 3 |
| T 4 | 22 53 38 | 12°22'39 | 27°48 | 5°57 | 8°41 | 16°16 | 7°19 | 24° 1 | 1°41 | 24°30 | 15°12 | 18°52 | 19°50 | 0°43 | 12°10 | T 4 |
| W 5 | 22 57 34 | 13°20'15 | 11 3 48 | 6° 9 | 9°52 | 16°47 | 7°28 | 24° 7 | 1°43 | 24°29 | 15°12 | 18°49 | 19°47 | 0°50 | 12°13 | W 5 |
| T 6 | 23 1 31 23 5 27 | 14°17'51 15°15'28 | 26°14 | 6°17 6°R18 | 11° 3 12°14 | 17°18 17°50 | 7°37 7°46 | 24°13 24°20 | 1°46 1°49 | 24°27 24°26 | 15°12 15°13 | 18°44 18°37 | 19°44 19°41 | 0°57 1° 4 | 12°16 12°19 | T 6 F 7 |
| F 7 S 8 | 23 5 27 23 9 24 | 15°13'28 16°13'07 | 11 ≈ 5 26°13 | 6°15 | 12°14 13°26 | 17°30 18°21 | 7°55 | 24°26 | 1°52 | 24°24 | 15°13 | 18°28 | 19°41 19°37 | 1° 4 1°10 | 12°19 | F / |
| | | | | | | | | | | | | | | | | |
| S 9 | 23 13 21 | 17°10'46 | 11) (30 | 6° 6 | 14°37 | 18°53 | 8° 4 | 24°33 | 1°55 | 24°23 | 15°14 | 18°19 | 19°34 | 1°17 | 12°25 | S 9 |
| M10 | 23 17 17 | 18° 8'26 | 26°43 | 5°51 | 15°49 | 19°25 | 8°13 | 24°39 | 1°58 | 24°21 | 15°14 | 18°11 | 19°31 | 1°24 | 12°28 | M10 |
| T 11 | 23 21 14 | 19° 6'07 | 11 ° 44 | 5°31 5° 4 | 17° 0 18°12 | 19°58 | 8°21 | 24°45 | 2° 1 2° 4 | 24°20 24°18 | 15°15 | 18° 5 | 19°28 | 1°30 | 12°31 | T 11 |
| W12 T 13 | 23 25 10 23 29 7 | 20° 3'50 21° 1'35 | 26°22 10 8 33 | 4°33 | 18°12 19°24 | 20°31 21° 4 | 8°30 8°38 | 24°52 24°59 | 2° 4 2° 7 | 24°18 24°17 | 15°15 15°16 | 18° 0 17°59 | 19°25 19°21 | 1°37 1°44 | 12°34 12°36 | W12 T 13 |
| F 14 | 23 29 7 | 21°59'21 | 24°16 | 3°56 | 20°35 | 21°37 | 8°46 | 25° 5 | 2°10 | 24°17 | 15°17 | 17°D58 | 19°18 | 1°51 | 12°39 | F 14 |
| S 15 | 23 37 0 | 22°57'08 | 7 Ⅱ 31 | 3°15 | 20°33 | 22°10 | 8°54 | 25°12 | 2°13 | 24°14 | 15°17 | 17°59 | 19°15 | 1°57 | 12°42 | S 15 |
| | | | 20°21 | | 22°59 | 22°44 | 9° 2 | 25°19 | | 24°13 | 15°18 | | 19°12 | 2° 4 | 12°44 | S 16 |
| S 16 M17 | 23 40 56 23 44 53 | 23°54'57 24°52'48 | 20°21 2 © 51 | 2°29 1°40 | 22°59 24°11 | 22°44 23°18 | 9° 2 9°10 | 25°19 25°25 | 2°16 2°19 | 24°13 24°11 | 15°18 15°19 | 18°R 0 18° 0 | 19°12 19° 9 | 2° 4 2°11 | 12°44 12°47 | M17 |
| T 18 | 23 44 33 | 24 32 48 25°50'40 | 15° 6 | 0°48 | 24 11 25°23 | 23°52 | 9°18 | 25°32 | 2°23 | 24°10 | 15°20 | 17°58 | 19 9 19° 6 | 2°17 | 12°47 | T 18 |
| W19 | 23 52 46 | 26°48'34 | 27° 9 | 29 m 54 | 26°35 | 24°27 | 9°25 | 25°39 | 2°26 | 24° 10 | 15°20 | 17°54 | 19° 2 | 2°24 | 12°52 | W19 |
| T 20 | 23 56 43 | 27°46'30 | 9Ω 4 | 28°59 | 27°48 | 25° 2 | 9°33 | 25°46 | 2°29 | 24° 7 | 15°21 | 17°47 | 18°59 | 2°31 | 12°54 | T 20 |
| F 21 | 0 0 39 | 28°44'27 | 20°56 | 28° 4 | 29° 0 | 25°37 | 9°40 | 25°53 | 2°32 | 24° 6 | 15°22 | 17°40 | 18°56 | 2°38 | 12°56 | F 21 |
| S 22 | 0 436 | 29°42'26 | 2 Mp 48 | 27°10 | 0 Mp 12 | 26°12 | 9°47 | 26° 0 | 2°36 | 24° 5 | 15°23 | 17°31 | 18°53 | 2°44 | 12°58 | S 22 |
| S 23 | 0 8 32 | 0 <u>₽</u> 40'26 | 14°41 | 26°20 | 1°25 | 26°47 | 9°54 | 26° 7 | 2°39 | 24° 4 | 15°24 | 17°22 | 18°50 | 2°51 | 13° 0 | S 23 |
| M24 | 0 12 29 | 1°38'28 | 26°38 | 25°32 | 2°37 | 27°23 | 10° 0 | 26°14 | 2°42 | 24° 2 | 15°25 | 17°13 | 18°47 | 2°58 | 13° 2 | M24 |
| T 25 | 0 16 25 | 2°36'32 | 8 ₾ 39 | 24°50 | 3°50 | 27°58 | 10° 7 | 26°21 | 2°46 | 24° 1 | 15°26 | 17° 6 | 18°43 | 3° 5 | 13° 4 | T 25 |
| W26 | 0 20 22 | 3°34'37 | 20°48 | 24°13 | 5° 2 | 28°35 | 10°14 | 26°28 | 2°49 | 24° 0 | 15°27 | 17° 1 | 18°40 | 3°11 | 13° 6 | W26 |
| T 27 | 0 24 18 | 4°32'43 | 3 m 4 | 23°43 | 6°15 | 29°11 | 10°20 | 26°35 | 2°53 | 23°59 | 15°28 | 16°58 | 18°37 | 3°18 | 13° 8 | T 27 |
| F 28 | 0 28 15 | 5°30'51 | 15°30 | 23°21 | 7°28 | 2 <u>9°</u> 47 | 10°26 | 26°42 | 2°56 | 23°58 | 15°29 | 16°D57 | 18°34 | 3°25 | 13°10 | F 28 |
| S 29 | 0 32 12 | 6°29'01 | 28° 8 | 23° 6 | 8°40 | 0 궁 24 | 10°32 | 26°49 | 3° 0 | 23°57 | 15°30 | 16°57 | 18°31 | 3°31 | 13°12 | S 29 |
| S 30 | 0 36 8 | 7 ≏ 27'12 | 11 % 1 | 23°D 0 | 9 m 53 | 1ਰ 1 | 10938 | 26 ≙ 56 | 3M 3 | 23≈56 | 15 ₹ 31 | 16 M 59 | 18 M 27 | 3 m 38 | 139513 | S 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |) f (| ¥ | Р | n | Ω | Ç | Ŗ | Day |
|------|---------|-------------------|------------------|----------------|----------------|----------------|--------|----------------|----------------|--------|----------------|---------------|----------------|----------------|--------|------|
| M 1 | 0 40 5 | 8 ≏ 25'24 | 24 × 11 | 23 m/ 3 | 11 Mp 6 | 1 3 38 | 109643 | 27 ♀ 4 | 3 M . 7 | 23°R55 | 15 ₹ 33 | 17 M 0 | 18 M 24 | 3 m 45 | 139915 | M 1 |
| T 2 | 0 44 1 | 9°23'38 | 7 云 42 | 23°14 | 12°19 | 2°15 | 10°49 | 27°11 | 3°10 | 23≈54 | 15°34 | 17°R 1 | 18°21 | 3°52 | 13°16 | T 2 |
| W 3 | 0 47 58 | 10°21'53 | 21°33 | 23°34 | 13°32 | 2°52 | 10°54 | 27°18 | 3°14 | 23°53 | 15°35 | 17° 0 | 18°18 | 3°58 | 13°18 | W 3 |
| T 4 | 0 51 54 | 11°20'09 | 5≈47 | 24° 4 | 14°45 | 3°30 | 10°59 | 27°25 | 3°17 | 23°52 | 15°36 | 16°58 | 18°15 | 4° 5 | 13°19 | T 4 |
| F 5 | 0 55 51 | 12°18'27 | 20°20 | 24°42 | 15°58 | 4° 8 | 11° 4 | 27°33 | 3°21 | 23°51 | 15°38 | 16°55 | 18°12 | 4°12 | 13°20 | F 5 |
| S 6 | 0 59 47 | 13°16'46 | 5 米 9 | 25°28 | 17°11 | 4°46 | 11° 9 | 27°40 | 3°24 | 23°50 | 15°39 | 16°50 | 18° 8 | 4°18 | 13°21 | S 6 |
| S 7 | 1 3 44 | 14°15'07 | 20° 7 | 26°22 | 18°24 | 5°24 | 11°14 | 27°47 | 3°28 | 23°49 | 15°40 | 16°46 | 18° 5 | 4°25 | 13°23 | S 7 |
| M 8 | 1 741 | 15°13'29 | 5 Υ 6 | 27°24 | 19°37 | 6° 2 | 11°18 | 27°55 | 3°32 | 23°48 | 15°42 | 16°41 | 18° 2 | 4°32 | 13°24 | M 8 |
| T 9 | 1 11 37 | 16°11'53 | 19°56 | 28°32 | 20°51 | 6°41 | 11°22 | 28° 2 | 3°35 | 23°47 | 15°43 | 16°38 | 17°59 | 4°39 | 13°25 | T 9 |
| W10 | 1 15 34 | 17°10'19 | 4 8 29 | 29°47 | 22° 4 | 7°19 | 11°26 | 28° 9 | 3°39 | 23°46 | 15°45 | 16°36 | 17°56 | 4°45 | 13°26 | W10 |
| T 11 | 1 19 30 | 18° 8'47 | 18°41 | 1₽8 | 23°17 | 7°58 | 11°30 | 28°17 | 3°43 | 23°45 | 15°46 | 16°D36 | 17°52 | 4°52 | 13°26 | T 11 |
| F 12 | 1 23 27 | 19° 7'16 | 2 Ⅱ 27 | 2°33 | 24°31 | 8°37 | 11°34 | 28°24 | 3°46 | 23°45 | 15°48 | 16°36 | 17°49 | 4°59 | 13°27 | F 12 |
| S 13 | 1 27 23 | 20° 5'48 | 15°47 | 4° 4 | 25°44 | 9°16 | 11°38 | 28°31 | 3°50 | 23°44 | 15°49 | 16°38 | 17°46 | 5° 5 | 13°28 | S 13 |
| S 14 | 1 31 20 | 21° 4'22 | 28°42 | 5°38 | 26°58 | 9°55 | 11°41 | 28°39 | 3°54 | 23°43 | 15°51 | 16°39 | 17°43 | 5°12 | 13°28 | S 14 |
| M15 | 1 35 16 | 22° 2'58 | 119516 | 7°16 | 28°12 | 10°35 | 11°44 | 28°46 | 3°57 | 23°43 | 15°52 | 16°41 | 17°40 | 5°19 | 13°29 | M15 |
| T 16 | 1 39 13 | 23° 1'36 | 23°33 | 8°56 | 29°25 | 11°14 | 11°47 | 28°54 | 4° 1 | 23°42 | 15°54 | 16°R41 | 17°37 | 5°26 | 13°29 | T 16 |
| W17 | 1 43 9 | 24° 0'16 | 5 Ω 37 | 10°39 | 0 ჲ 39 | 11°54 | 11°50 | 29° 1 | 4° 5 | 23°41 | 15°56 | 16°40 | 17°33 | 5°32 | 13°30 | W17 |
| T 18 | 1 47 6 | 24°58'59 | 17°33 | 12°24 | 1°53 | 12°34 | 11°53 | 29° 9 | 4° 9 | 23°41 | 15°57 | 16°39 | 17°30 | 5°39 | 13°30 | T 18 |
| F 19 | 1 51 3 | 25°57'43 | 29°25 | 14°10 | 3° 6 | 13°14 | 11°55 | 29°16 | 4°12 | 23°40 | 15°59 | 16°36 | 17°27 | 5°46 | 13°30 | F 19 |
| S 20 | 1 54 59 | 26°56'29 | 11 m) 17 | 15°57 | 4°20 | 13°54 | 11°57 | 29°24 | 4°16 | 23°40 | 16° 1 | 16°33 | 17°24 | 5°52 | 13°30 | S 20 |
| S 21 | 1 58 56 | 27°55'18 | 23°13 | 17°45 | 5°34 | 14°35 | 11°59 | 29°31 | 4°20 | 23°39 | 16° 2 | 16°30 | 17°21 | 5°59 | 13°R30 | S 21 |
| M22 | 2 2 52 | 28°54'09 | 5 ≏ 15 | 19°34 | 6°48 | 15°15 | 12° 1 | 29°39 | 4°24 | 23°39 | 16° 4 | 16°27 | 17°18 | 6° 6 | 13°30 | M22 |
| T 23 | 2 6 49 | 29°53'01 | 17°26 | 21°22 | 8° 2 | 15°56 | 12° 3 | 29°46 | 4°28 | 23°38 | 16° 6 | 16°25 | 17°14 | 6°13 | 13°30 | T 23 |
| W24 | 2 10 45 | 0 M .51'56 | 29°47 | 23°11 | 9°16 | 16°36 | 12° 4 | 29°53 | 4°31 | 23°38 | 16° 8 | 16°24 | 17°11 | 6°19 | 13°30 | W24 |
| T 25 | 2 14 42 | 1°50'53 | 12 M .19 | 25° 0 | 10°30 | 17°17 | 12° 5 | 0 M 1 | 4°35 | 23°38 | 16°10 | 16°D23 | 17° 8 | 6°26 | 13°30 | T 25 |
| F 26 | 2 18 38 | 2°49'51 | 25° 4 | 26°48 | 11°44 | 17°58 | 12° 6 | 0° 8 | 4°39 | 23°37 | 16°11 | 16°23 | 17° 5 | 6°33 | 13°30 | F 26 |
| S 27 | 2 22 35 | 3°48'52 | 8 % 1 | 28°36 | 12°58 | 18°39 | 12° 7 | 0°16 | 4°43 | 23°37 | 16°13 | 16°24 | 17° 2 | 6°39 | 13°29 | S 27 |
| S 28 | 2 26 32 | 4°47'54 | 21°12 | 0 M 23 | 14°13 | 19°21 | 12° 8 | 0°23 | 4°46 | 23°37 | 16°15 | 16°25 | 16°58 | 6°46 | 13°29 | S 28 |
| M29 | 2 30 28 | 5°46'58 | 4 궁 36 | 2°10 | 15°27 | 20° 2 | 12° 8 | 0°31 | 4°50 | 23°36 | 16°17 | 16°26 | 16°55 | 6°53 | 13°28 | M29 |
| T 30 | 2 34 25 | 6°46'03 | 18°15 | 3°57 | 16°41 | 2 <u>0</u> °44 | 12° 9 | 0°38 | 4°54 | 23°36 | 16°19 | 16°27 | 16°52 | 7° 0 | 13°28 | T 30 |
| W31 | 2 38 21 | 7 M 45'11 | 2≈ 7 | 5 M .42 | 17 ≏ 55 | 21 る 25 | 12°R 9 | 0 M .46 | 4 M .58 | 23≈36 | 16 ₹ 21 | 16°R27 | 16 M 49 | 7 m) 6 | 13927 | W31 |

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| Day | Sid.t | 0 | D | ğ | Q. | ď | 4 | ħ |)f(| ¥ | В | u | v | ţ | , k | Day |
|------|---------|-------------------|----------------|----------------|----------------|---------------|--------|----------------|----------------|--------|-----------------|--------|-----------------|----------------|--------|------|
| T 1 | 2 42 18 | 8M44'20 | 16≈13 | 7 m 27 | 19 ₽ 10 | 22 궁 7 | 12°R 8 | 0 M .53 | 5M 2 | 23°R36 | 16 ₹ 23 | 16°R27 | 16 M .46 | 7 m 13 | 13°R26 | T 1 |
| F 2 | 2 46 14 | 9°43'30 | 0) €30 | 9°11 | 20°24 | 22°49 | 1295 8 | 1° 0 | 5° 5 | 23≈36 | 16°25 | 16M27 | 16°43 | 7°20 | 139525 | F 2 |
| S 3 | 2 50 11 | 10°42'42 | 14°57 | 10°55 | 21°38 | 23°31 | 12° 8 | 1° 8 | 5° 9 | 23°36 | 16°27 | 16°26 | 16°39 | 7°26 | 13°24 | S 3 |
| S 4 | 2 54 7 | 11°41'56 | 29°29 | 12°38 | 22°53 | 24°13 | 12° 7 | 1°15 | 5°13 | 23°36 | 16°29 | 16°26 | 16°36 | 7°33 | 13°23 | S 4 |
| M 5 | 2 58 4 | 12°41'12 | 14 Y 1 | 14°20 | 24° 7 | 24°55 | 12° 6 | 1°23 | 5°17 | 23°D36 | 16°31 | 16°25 | 16°33 | 7°40 | 13°22 | M 5 |
| T 6 | 3 2 1 | 13°40'29 | 28°27 | 16° 1 | 25°22 | 25°38 | 12° 5 | 1°30 | 5°20 | 23°36 | 16°33 | 16°25 | 16°30 | 7°47 | 13°21 | T 6 |
| W 7 | 3 5 5 7 | 14°39'49 | 12842 | 17°42 | 26°36 | 26°20 | 12° 3 | 1°37 | 5°24 | 23°36 | 16°35 | 16°D25 | 16°27 | 7°53 | 13°20 | W 7 |
| T 8 | 3 9 54 | 15°39'10 | 26°41 | 19°22 | 27°51 | 27° 3 | 12° 2 | 1°45 | 5°28 | 23°36 | 16°37 | 16°25 | 16°24 | 8° 0 | 13°19 | T 8 |
| F 9 | 3 13 50 | 16°38'33 | 10Ⅲ21 | 21° 1 | 29° 5 | 27°45 | 12° 0 | 1°52 | 5°32 | 23°36 | 16°40 | 16°R25 | 16°20 | 8° 7 | 13°17 | F 9 |
| S 10 | 3 17 47 | 17°37'59 | 23°39 | 22°40 | 0 M 20 | 28°28 | 11°58 | 1°59 | 5°35 | 23°36 | 16°42 | 16°25 | 16°17 | 8°13 | 13°16 | S 10 |
| S 11 | 3 21 43 | 18°37'27 | 6936 | 24°17 | 1°34 | 29°11 | 11°56 | 2° 7 | 5°39 | 23°36 | 16°44 | 16°24 | 16°14 | 8°20 | 13°14 | S 11 |
| M12 | 3 25 40 | 19°36'56 | 19°13 | 25°55 | 2°49 | 29°54 | 11°53 | 2°14 | 5°43 | 23°37 | 16°46 | 16°24 | 16°11 | 8°27 | 13°13 | M12 |
| T 13 | 3 29 36 | 20°36'28 | 1Ω 32 | 27°31 | 4° 4 | 0≈37 | 11°51 | 2°21 | 5°47 | 23°37 | 16°48 | 16°24 | 16° 8 | 8°34 | 13°11 | T 13 |
| W14 | 3 33 33 | 21°36'02 | 13°39 | 29° 8 | 5°19 | 1°20 | 11°48 | 2°28 | 5°50 | 23°37 | 16°50 | 16°24 | 16° 4 | 8°40 | 13° 9 | W14 |
| T 15 | 3 37 30 | 22°35'39 | 25°36 | 0 , 743 | 6°33 | 2° 3 | 11°45 | 2°35 | 5°54 | 23°37 | 16°53 | 16°D23 | 16° 1 | 8°47 | 13° 7 | T 15 |
| F 16 | 3 41 26 | 23°35'17 | 7 m ,28 | 2°18 | 7°48 | 2°46 | 11°42 | 2°43 | 5°58 | 23°38 | 16°55 | 16°24 | 15°58 | 8°54 | 13° 6 | F 16 |
| S 17 | 3 45 23 | 24°34'58 | 19°21 | 3°52 | 9° 3 | 3°30 | 11°39 | 2°50 | 6° 1 | 23°38 | 16°57 | 16°24 | 15°55 | 9° 0 | 13° 4 | S 17 |
| S 18 | 3 49 19 | 25°34'40 | 1 ≏ 18 | 5°26 | 10°18 | 4°13 | 11°35 | 2°57 | 6° 5 | 23°39 | 16°59 | 16°25 | 15°52 | 9° 7 | 13° 2 | S 18 |
| M19 | 3 53 16 | 26°34'25 | 13°24 | 6°59 | 11°33 | 4°57 | 11°31 | 3° 4 | 6° 9 | 23°39 | 17° 2 | 16°26 | 15°49 | 9°14 | 13° 0 | M19 |
| T 20 | 3 57 12 | 27°34'12 | 25°42 | 8°32 | 12°47 | 5°41 | 11°27 | 3°11 | 6°12 | 23°40 | 17° 4 | 16°27 | 15°45 | 9°21 | 12°57 | T 20 |
| W21 | 4 1 9 | 28°34'01 | 8 M .15 | 10° 5 | 14° 2 | 6°24 | 11°23 | 3°18 | 6°16 | 23°40 | 17° 6 | 16°28 | 15°42 | 9°27 | 12°55 | W21 |
| T 22 | 4 5 5 | 29°33'52 | 21° 4 | 11°36 | 15°17 | 7° 8 | 11°19 | 3°25 | 6°19 | 23°41 | 17° 9 | 16°R28 | 15°39 | 9°34 | 12°53 | T 22 |
| F 23 | 4 9 2 | 0 ∡ 33'45 | 4 ₹ 10 | 13° 8 | 16°32 | 7°52 | 11°15 | 3°32 | 6°23 | 23°41 | 17°11 | 16°27 | 15°36 | 9°41 | 12°51 | F 23 |
| S 24 | 4 12 59 | 1°33'40 | 17°32 | 14°39 | 17°47 | 8°36 | 11°10 | 3°39 | 6°26 | 23°42 | 17°13 | 16°26 | 15°33 | 9°47 | 12°48 | S 24 |
| S 25 | 4 16 55 | 2°33'36 | 1る 9 | 16° 9 | 19° 2 | 9°20 | 11° 5 | 3°46 | 6°30 | 23°43 | 17°15 | 16°24 | 15°30 | 9°54 | 12°46 | S 25 |
| M26 | 4 20 52 | 3°33'35 | 14°58 | 17°39 | 20°17 | 10° 5 | 11° 0 | 3°53 | 6°33 | 23°43 | 17°18 | 16°22 | 15°26 | 10° 1 | 12°43 | M26 |
| T 27 | 4 24 48 | 4°33'35 | 28°57 | 19° 8 | 21°32 | 10°49 | 10°55 | 3°59 | 6°37 | 23°44 | 17°20 | 16°19 | 15°23 | 10° 8 | 12°41 | T 27 |
| W28 | 4 28 45 | 5°33'36 | 13 ≈ 3 | 20°37 | 22°47 | 11°33 | 10°50 | 4° 6 | 6°40 | 23°45 | 17°23 | 16°17 | 15°20 | 10°14 | 12°38 | W28 |
| T 29 | 4 32 41 | 6°33'39 | 27°12 | 22° 6 | 24° 2 | 12°18 | 10°44 | 4°13 | 6°44 | 23°46 | 17°25 | 16°16 | 15°17 | 10°21 | 12°36 | T 29 |
| F 30 | 4 36 38 | 7 , ₹33'43 | 11 米 24 | 23 × 34 | 25 M 17 | 13≈ 2 | 10939 | 4M20 | 6 M .47 | 23≈46 | 17 × 727 | 16°D16 | 15 M .14 | 10 m 28 | 12933 | F 30 |

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| Day | Sid.t | 0 | D | ğ | Q | ď | 4 | ħ |)Å(| ¥ | Р | ß | Ω | ţ | , k | Day |
|--------------|------------------|----------------------|-----------------------|-----------------------|------------------------|----------------|---------------|---------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|--------------|
| S 1 | 4 40 34 | 8 / 33'49 | 25 米 35 | 25 ×7 1 | 26M32 | 13≈47 | 10°R33 | 4M26 | 6 M .51 | 23≈47 | 17 × 30 | 16 M .17 | 15 M .10 | 10 m 34 | 12°R30 | S 1 |
| S 2 | 4 44 31 | 9°33'56 | 9 Ƴ 43 | 26°28 | 27°48 | 14°31 | 109527 | 4°33 | 6°54 | 23°48 | 17°32 | 16°18 | 15° 7 | 10°41 | 129527 | S 2 |
| M 3 | 4 48 28 | 10°34'04 | 23°47 | 27°54 | 29° 3 | 15°16 | 10°21 | 4°39 | 6°57 | 23°49 | 17°34 | 16°19 | 15° 4 | 10°48 | 12°24 | M 3 |
| T 4 | 4 52 24 | 11°34'14 | 7844 | 29°20 | 0 ₹ 18 | 16° 1 | 10°14 | 4°46 | 7° 1 | 23°50 | 17°37 | 16°20 | 15° 1 | 10°54 | 12°21 | T 4 |
| W 5 | 4 56 21 | 12°34'26 | 21°32 | 0 궁 45 2° 9 | 1°33 | 16°46 | 10° 8 | 4°52 | 7° 4 7° 7 | 23°51 | 17°39 | 16°R21 16°19 | 14°58 | 11° 1 | 12°18 | W 5 |
| T 6 F 7 | 5 0 17 5 4 14 | 13°34'39 14°34'54 | 5 Ⅱ 8 18°31 | 3°33 | 2°48 4° 3 | 17°30 18°15 | 10° 2 9°55 | 4°59 5° 5 | 7°10 | 23°52 23°53 | 17°42 17°44 | 16°19 16°17 | 14°55 14°51 | 11° 8 11°15 | 12°15 12°12 | T 6 F 7 |
| S 8 | 5 8 10 | 15°35'11 | 19538 | 4°55 | 5°18 | 19° 0 | 9°48 | 5°11 | 7°13 | 23°54 | 17°46 | 16°17 | 14°48 | 11°21 | 12° 9 | S 8 |
| S 9 | 5 12 7 | 16°35'29 | 14°28 | 6°17 | 6°34 | 19°45 | 9°41 | 5°18 | 7°17 | 23°55 | 17°49 | 16° 8 | 14°45 | 11°28 | 12° 6 | S 9 |
| M10 | 5 16 3 | 17°35'49 | 27° 3 | 7°37 | 7°49 | 20°30 | 9°34 | 5°24 | 7°20 | 23°56 | 17°51 | 16° 2 | 14°42 | 11°35 | 12° 3 | M10 |
| T 11 | 5 20 0 | 18°36'11 | 9Ω22 | 8°57 | 9° 4 | 21°16 | 9°27 | 5°30 | 7°23 | 23°58 | 17°53 | 15°57 | 14°39 | 11°41 | 12° 0 | T 11 |
| W12 | 5 23 57 | 19°36'34 | 21°28 | 10°15 | 10°19 | 22° 1 | 9°20 | 5°36 | 7°26 | 23°59 | 17°56 | 15°52 | 14°35 | 11°48 | 11°56 | W12 |
| T 13 | 5 27 53 | 20°36'59 | 3 m 25 | 11°31 | 11°35 | 22°46 | 9°13 | 5°42 | 7°29 | 24° 0 | 17°58 | 15°49 | 14°32 | 11°55 | 11°53 | T 13 |
| F 14 | 5 31 50 | 21°37'26 | 15°17 | 12°46 | 12°50 | 23°31 | 9° 5 | 5°48 | 7°32 | 24° 1 | 18° 1 | 15°47 | 14°29 | 12° 2 | 11°50 | F 14 |
| S 15 | 5 35 46 | 22°37'54 | 27° 9 | 13°59 | 14° 5 | 24°17 | 8°58 | 5°54 | 7°35 | 24° 3 | 18° 3 | 15°D47 | 14°26 | 12° 8 | 11°46 | S 15 |
| S 16 | 5 39 43 | 23°38'25 | 9 ₾ 5 | 15° 9 | 15°21 | 25° 2 | 8°50 | 6° 0 | 7°38 | 24° 4 | 18° 5 | 15°48 | 14°23 | 12°15 | 11°43 | S 16 |
| M17 | 5 43 39 | 24°38'57 | 21°11 | 16°17 | 16°36 | 25°48 | 8°42 | 6° 6 | 7°41 | 24° 5 | 18° 8 | 15°50 | 14°20 | 12°22 | 11°39 | M17 |
| T 18 | 5 47 36 | 25°39'30 | 3 M .31 | 17°22 | 17°51 | 26°33 | 8°35 | 6°11 | 7°44 | 24° 7 | 18°10 | 15°52 | 14°16 | 12°28 | 11°36 | T 18 |
| W19 | 5 51 32 | 26°40'06 | 16°10 | 18°24 | 19° 6 | 27°19 | 8°27 | 6°17 | 7°46 | 24° 8 | 18°13 | 15°R52 | 14°13 | 12°35 | 11°32 | W19 |
| T 20 | 5 55 29 | 27°40'42 | 29°10 | 19°22 | 20°22 | 28° 4 | 8°19 | 6°23 | 7°49 | 24° 9 | 18°15 | 15°51 | 14°10 | 12°42 | 11°29 | T 20 |
| F 21 | 5 59 26 | 28°41'21 | 12×33 | 20°16 | 21°37 | 28°50 | 8°11 | 6°28 | 7°52 | 24°11 | 18°17 | 15°48 | 14° 7 | 12°48 | 11°25 | F 21 |
| S 22 | 6 3 22 | 29°42'01 | 26°18 | 21° 5 | 22°53 | 29°36 | 8° 3 | 6°34 | 7°55 | 24°12 | 18°20 | 15°43 | 14° 4 | 12°55 | 11°22 | S 22 |
| S 23 | 6 7 19 | 0 궁 42'42 | 10 る 23 | 21°48 | 24° 8 | 0 ∺ 21 | 7°55 | 6°39 | 7°57 | 24°14 | 18°22 | 15°37 | 14° 1 | 13° 2 | 11°18 | S 23 |
| M24 | 6 11 15 | 1°43'24 | 24°42 | 22°26 | 25°23 | 1° 7 | 7°47 | 6°44 | 8° 0 | 24°15 | 18°24 | 15°29 | 13°57 | 13° 9 | 11°15 | M24 |
| T 25 | 6 15 12 | 2°44'07 | 9≈ 9 | 22°56 | 26°39 | 1°53 | 7°39 | 6°50 | 8° 2 | 24°17 | 18°27 | 15°21 | 13°54 | 13°15 | 11°11 | T 25 |
| W26 | 6 19 8 | 3°44'52 | 23°39 | 23°18 | 27°54 29°10 | 2°39 | 7°30 | 6°55 7° 0 | 8° 5 | 24°19 | 18°29 | 15°15 | 13°51 | 13°22 | 11° 7 | W26 |
| T 27 F 28 | 6 23 5 6 27 2 | 4°45'37 5°46'23 | 8 米 6 22°25 | 23°32 23°R36 | 29°10 0 중 25 | 3°25 4°11 | 7°22 7°14 | 7° 0 7° 5 | 8° 8 8°10 | 24°20 24°22 | 18°31 18°34 | 15°10 15° 7 | 13°48 13°45 | 13°29 13°35 | 11° 4 11° 0 | T 27 F 28 |
| S 29 | 6 30 58 | 6°47'10 | 6 Υ 33 | 23°836 23°31 | 1°40 | 4°11 4°56 | 7° 14 | 7° 10 | 8°12 | 24°22 24°24 | 18°34 18°36 | 15°D 6 | 13°43 13°41 | 13°33 | 10°56 | S 29 |
| | | | | | | | | , | | | | | _ | _ | | |
| S 30 | 6 34 55 | 7°47'57 | 20°29 | 23°14 | 2°56 | 5°42 | 6°58 | 7°15 | 8°15 | 24°25 | 18°38 | 15° 6 | 13°38 | 13°49 | 10°52 | S 30 |
| M31 | 6 38 51 | 8 궁 48'46 | 4814 | 22 る 46 | 4ਰ11 | 6 ∺ 28 | 6 9 50 | 7 ™ 19 | 8 M .17 | 24≈27 | 18 √ 41 | 15 M 7 | 13 M 35 | 13 M 56 | 109549 | M31 |

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JANUARY 3484 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)Å(| ¥ | В | ₽. | v | ţ | ķ | Day |
|------|---------|------------------|-----------------|----------------|---------------|----------------|-------|---------------|----------------|-------|-----------------|-----------------|-----------------|----------------|--------|------|
| T 1 | 6 42 48 | 9 ට 49'35 | 17846 | 22°R 6 | 5 云 27 | 7) €14 | 6°R41 | 7 M 24 | 8 M .19 | 24≈29 | 18 × 743 | 15°R 8 | 13 M .32 | 14 m 2 | 10°R45 | T 1 |
| W 2 | 6 46 44 | 10°50'25 | 1 I 8 | 21 궁 16 | 6°42 | 8° 0 | 6933 | 7°29 | 8°22 | 24°30 | 18°45 | 15 M 6 | 13°29 | 14° 9 | 109541 | W 2 |
| T 3 | 6 50 41 | 11°51'15 | 14°19 | 20°15 | 7°57 | 8°47 | 6°25 | 7°33 | 8°24 | 24°32 | 18°47 | 15° 3 | 13°26 | 14°16 | 10°38 | T 3 |
| F 4 | 6 54 37 | 12°52'07 | 27°20 | 19° 6 | 9°13 | 9°33 | 6°17 | 7°38 | 8°26 | 24°34 | 18°50 | 14°56 | 13°22 | 14°22 | 10°34 | F 4 |
| S 5 | 6 58 34 | 13°52'59 | 1095 8 | 17°49 | 10°28 | 10°19 | 6° 9 | 7°42 | 8°28 | 24°36 | 18°52 | 14°47 | 13°19 | 14°29 | 10°30 | S 5 |
| S 6 | 7 2 31 | 14°53'52 | 22°46 | 16°28 | 11°44 | 11° 5 | 6° 1 | 7°47 | 8°30 | 24°38 | 18°54 | 14°37 | 13°16 | 14°36 | 10°27 | S 6 |
| M 7 | 7 6 27 | 15°54'46 | 5 Ω 11 | 15° 5 | 12°59 | 11°51 | 5°53 | 7°51 | 8°32 | 24°39 | 18°56 | 14°25 | 13°13 | 14°42 | 10°23 | M 7 |
| T 8 | 7 10 24 | 16°55'41 | 17°24 | 13°42 | 14°15 | 12°37 | 5°45 | 7°55 | 8°34 | 24°41 | 18°58 | 14°13 | 13°10 | 14°49 | 10°19 | T 8 |
| W 9 | 7 14 20 | 17°56'36 | 29°27 | 12°24 | 15°30 | 13°23 | 5°37 | 7°59 | 8°36 | 24°43 | 19° 1 | 14° 2 | 13° 7 | 14°56 | 10°15 | W 9 |
| T 10 | 7 18 17 | 18°57'33 | 11 m 23 | 11°11 | 16°46 | 14°10 | 5°30 | 8° 3 | 8°38 | 24°45 | 19° 3 | 13°53 | 13° 3 | 15° 3 | 10°12 | T 10 |
| F 11 | 7 22 13 | 19°58'30 | 23°13 | 10° 7 | 18° 1 | 14°56 | 5°22 | 8° 7 | 8°40 | 24°47 | 19° 5 | 13°47 | 13° 0 | 15° 9 | 10° 8 | F 11 |
| S 12 | 7 26 10 | 20°59'28 | 5 ₾ 3 | 9°12 | 19°17 | 15°42 | 5°14 | 8°11 | 8°41 | 24°49 | 19° 7 | 13°43 | 12°57 | 15°16 | 10° 4 | S 12 |
| S 13 | 7 30 6 | 22° 0'27 | 16°56 | 8°27 | 20°32 | 16°28 | 5° 7 | 8°14 | 8°43 | 24°51 | 19° 9 | 13°42 | 12°54 | 15°23 | 10° 1 | S 13 |
| M14 | 7 34 3 | 23° 1'27 | 28°59 | 7°54 | 21°48 | 17°14 | 4°59 | 8°18 | 8°45 | 24°53 | 19°11 | 13°D42 | 12°51 | 15°29 | 9°57 | M14 |
| T 15 | 7 38 0 | 24° 2'28 | 11 M .16 | 7°31 | 23° 3 | 18° 1 | 4°52 | 8°22 | 8°46 | 24°55 | 19°13 | 13°R42 | 12°47 | 15°36 | 9°54 | T 15 |
| W16 | 7 41 56 | 25° 3'30 | 23°53 | 7°19 | 24°19 | 18°47 | 4°45 | 8°25 | 8°48 | 24°57 | 19°15 | 13°42 | 12°44 | 15°43 | 9°50 | W16 |
| T 17 | 7 45 53 | 26° 4'32 | 6 ₹ 55 | 7°D17 | 25°34 | 19°33 | 4°38 | 8°28 | 8°49 | 24°59 | 19°17 | 13°40 | 12°41 | 15°49 | 9°47 | T 17 |
| F 18 | 7 49 49 | 27° 5'35 | 20°23 | 7°24 | 26°50 | 20°20 | 4°31 | 8°32 | 8°51 | 25° 1 | 19°19 | 13°35 | 12°38 | 15°56 | 9°43 | F 18 |
| S 19 | 7 53 46 | 28° 6'39 | 4 る 20 | 7°40 | 28° 5 | 21° 6 | 4°24 | 8°35 | 8°52 | 25° 3 | 19°21 | 13°27 | 12°35 | 16° 3 | 9°40 | S 19 |
| S 20 | 7 57 42 | 29° 7'43 | 18°43 | 8° 4 | 29°21 | 21°52 | 4°17 | 8°38 | 8°54 | 25° 5 | 19°23 | 13°17 | 12°32 | 16°10 | 9°36 | S 20 |
| M21 | 8 1 39 | 0≈ 8'48 | 3≈25 | 8°35 | 0≈36 | 22°38 | 4°10 | 8°41 | 8°55 | 25° 7 | 19°25 | 13° 6 | 12°28 | 16°16 | 9°33 | M21 |
| T 22 | 8 5 35 | 1° 9'53 | 18°20 | 9°12 | 1°52 | 23°25 | 4° 4 | 8°44 | 8°56 | 25°10 | 19°27 | 12°54 | 12°25 | 16°23 | 9°29 | T 22 |
| W23 | 8 9 32 | 2°10'58 | 3) €18 | 9°55 | 3° 7 | 24°11 | 3°57 | 8°46 | 8°57 | 25°12 | 19°29 | 12°43 | 12°22 | 16°30 | 9°26 | W23 |
| T 24 | 8 13 29 | 3°12'03 | 18° 9 | 10°43 | 4°23 | 24°57 | 3°51 | 8°49 | 8°58 | 25°14 | 19°31 | 12°35 | 12°19 | 16°36 | 9°23 | T 24 |
| F 25 | 8 17 25 | 4°13'08 | 2 Υ 47 | 11°36 | 5°38 | 25°44 | 3°45 | 8°52 | 8°59 | 25°16 | 19°33 | 12°29 | 12°16 | 16°43 | 9°19 | F 25 |
| S 26 | 8 21 22 | 5°14'12 | 17° 7 | 12°32 | 6°54 | 26°30 | 3°39 | 8°54 | 9° 0 | 25°18 | 19°35 | 12°26 | 12°13 | 16°50 | 9°16 | S 26 |
| S 27 | 8 25 18 | 6°15'17 | 1 8 6 | 13°33 | 8° 9 | 27°16 | 3°33 | 8°56 | 9° 1 | 25°20 | 19°36 | 12°25 | 12° 9 | 16°56 | 9°13 | S 27 |
| M28 | 8 29 15 | 7°16'22 | 14°45 | 14°36 | 9°25 | 28° 3 | 3°28 | 8°59 | 9° 2 | 25°22 | 19°38 | 12°25 | 12° 6 | 17° 3 | 9°10 | M28 |
| T 29 | 8 33 11 | 8°17'26 | 28° 6 | 15°42 | 10°40 | 28°49 | 3°22 | 9° 1 | 9° 3 | 25°25 | 19°40 | 12°25 | 12° 3 | 17°10 | 9° 7 | T 29 |
| W30 | 8 37 8 | 9°18'30 | 11 <u>II</u> 12 | 16°51 | 11°56 | 29°35 | 3°17 | 9° 3 | 9° 4 | 25°27 | 19°42 | 12°22 | 12° 0 | 17°17 | 9° 4 | W30 |
| T 31 | 8 41 4 | 10≈19'33 | 24Ⅱ 4 | 18 궁 2 | 13≈11 | 0 Υ 22 | 39512 | 9 M 5 | 9 TL 5 | 25≈29 | 19 × 743 | 12 M .17 | 11 M .57 | 17 m 23 | 995 1 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | v | Ω | Ç | Š | Day |
|------|----------|--------------------|----------------|----------------|----------------|----------------|---------------|---------------|-------|-------|-----------------|----------------|----------------|----------------|---------------|------|
| F 1 | 8 45 1 | 11≈20'37 | 69544 | 19 궁 14 | 14≈27 | 1 Υ 8 | 3°R 7 | 9 ™ 6 | 9M 5 | 25≈31 | 19 ×7 45 | 12°R 9 | 11 M 53 | 17 m 30 | 8°R58 | F 1 |
| S 2 | 8 48 58 | 12°21'40 | 19°14 | 20°29 | 15°42 | 1°54 | 3 95 2 | 9° 8 | 9° 6 | 25°33 | 19°47 | 11 M 58 | 11°50 | 17°37 | 8 9 55 | S 2 |
| S 3 | 8 52 54 | 13°22'43 | 1 Ω 35 | 21°45 | 16°57 | 2°41 | 2°58 | 9°10 | 9° 7 | 25°36 | 19°48 | 11°45 | 11°47 | 17°43 | 8°52 | S 3 |
| M 4 | 8 56 51 | 14°23'45 | 13°48 | 23° 3 | 18°13 | 3°27 | 2°53 | 9°11 | 9° 7 | 25°38 | 19°50 | 11°30 | 11°44 | 17°50 | 8°49 | M 4 |
| T 5 | 9 0 47 | 15°24'48 | 25°53 | 24°22 | 19°28 | 4°13 | 2°49 | 9°13 | 9°8 | 25°40 | 19°52 | 11°15 | 11°41 | 17°57 | 8°46 | T 5 |
| W 6 | 9 4 44 | 16°25'50 | 7 m 51 | 25°43 | 20°44 | 4°59 | 2°45 | 9°14 | 9° 8 | 25°42 | 19°53 | 11° 1 | 11°38 | 18° 3 | 8°44 | W 6 |
| T 7 | 9 8 40 | 17°26'52 | 19°43 | 27° 4 | 21°59 | 5°46 | 2°41 | 9°15 | 9°8 | 25°45 | 19°55 | 10°50 | 11°34 | 18°10 | 8°41 | T 7 |
| F 8 | 9 12 37 | 18°27'53 | 1 ≏ 32 | 28°27 | 23°15 | 6°32 | 2°37 | 9°16 | 9° 9 | 25°47 | 19°56 | 10°41 | 11°31 | 18°17 | 8°38 | F 8 |
| S 9 | 9 16 33 | 19°28'55 | 13°21 | 29°50 | 24°30 | 7°18 | 2°34 | 9°17 | 9° 9 | 25°49 | 19°58 | 10°36 | 11°28 | 18°24 | 8°36 | S 9 |
| S 10 | 9 20 30 | 20°29'56 | 25°13 | 1≈15 | 25°46 | 8° 4 | 2°31 | 9°18 | 9° 9 | 25°51 | 19°59 | 10°33 | 11°25 | 18°30 | 8°33 | S 10 |
| M11 | 9 24 27 | 21°30'58 | 7 M 13 | 2°40 | 27° 1 | 8°50 | 2°28 | 9°19 | 9° 9 | 25°54 | 20° 0 | 10°D32 | 11°22 | 18°37 | 8°31 | M11 |
| T 12 | 9 28 23 | 22°31'59 | 19°27 | 4° 6 | 28°16 | 9°36 | 2°25 | 9°20 | 9° 9 | 25°56 | 20° 2 | 10°R32 | 11°19 | 18°44 | 8°29 | T 12 |
| W13 | 9 32 20 | 23°33'00 | 1 才 59 | 5°33 | 29°32 | 10°23 | 2°22 | 9°20 | 9°R 9 | 25°58 | 20° 3 | 10°32 | 11°15 | 18°50 | 8°26 | W13 |
| T 14 | 9 36 16 | 24°34'00 | 14°55 | 7° 1 | 0) €47 | 11° 9 | 2°20 | 9°21 | 9° 9 | 26° 1 | 20° 5 | 10°30 | 11°12 | 18°57 | 8°24 | T 14 |
| F 15 | 9 40 13 | 25°35'01 | 28°19 | 8°29 | 2° 3 | 11°55 | 2°17 | 9°21 | 9° 9 | 26° 3 | 20° 6 | 10°26 | 11° 9 | 19° 4 | 8°22 | F 15 |
| S 16 | 9 44 9 | 26°36'01 | 12 る 13 | 9°58 | 3°18 | 12°41 | 2°15 | 9°21 | 9° 9 | 26° 5 | 20° 7 | 10°20 | 11° 6 | 19°10 | 8°20 | S 16 |
| S 17 | 9 48 6 | 27°37'00 | 26°37 | 11°28 | 4°33 | 13°27 | 2°13 | 9°21 | 9° 9 | 26° 7 | 20° 8 | 10°11 | 11° 3 | 19°17 | 8°18 | S 17 |
| M18 | 9 52 2 | 28°37'59 | 11 ≈ 26 | 12°58 | 5°49 | 14°13 | 2°12 | 9°R21 | 9°8 | 26°10 | 20° 9 | 10° 0 | 10°59 | 19°24 | 8°16 | M18 |
| T 19 | 9 55 59 | 29°38'58 | 26°34 | 14°29 | 7° 4 | 14°59 | 2°10 | 9°21 | 9° 8 | 26°12 | 20°11 | 9°49 | 10°56 | 19°30 | 8°14 | T 19 |
| W20 | 9 59 56 | 0 米 39'56 | 11 米 50 | 16° 1 | 8°20 | 15°45 | 2° 9 | 9°21 | 9° 8 | 26°14 | 20°12 | 9°39 | 10°53 | 19°37 | 8°12 | W20 |
| T 21 | 10 3 52 | 1°40'52 | 27° 2 | 17°33 | 9°35 | 16°31 | 2° 8 | 9°21 | 9° 7 | 26°16 | 20°13 | 9°31 | 10°50 | 19°44 | 8°11 | T 21 |
| F 22 | 10 7 49 | 2°41'48 | 12 Υ 1 | 19° 6 | 10°50 | 17°17 | 2° 7 | 9°20 | 9° 7 | 26°19 | 20°14 | 9°25 | 10°47 | 19°51 | 8° 9 | F 22 |
| S 23 | 10 11 45 | 3°42'43 | 26°40 | 20°40 | 12° 6 | 18° 3 | 2° 6 | 9°20 | 9° 6 | 26°21 | 20°15 | 9°23 | 10°44 | 19°57 | 8° 7 | S 23 |
| S 24 | 10 15 42 | 4°43'37 | 10 8 53 | 22°15 | 13°21 | 18°49 | 2° 6 | 9°19 | 9° 5 | 26°23 | 20°16 | 9°D22 | 10°40 | 20° 4 | 8° 6 | S 24 |
| M25 | 10 19 38 | 5°44'29 | 24°41 | 23°50 | 14°36 | 19°35 | 2° 5 | 9°18 | 9° 5 | 26°26 | 20°17 | 9°22 | 10°37 | 20°11 | 8° 4 | M25 |
| T 26 | 10 23 35 | 6°45'21 | 8 I I 4 | 25°25 | 15°52 | 20°21 | 2°D 5 | 9°17 | 9° 4 | 26°28 | 20°18 | 9°R23 | 10°34 | 20°17 | 8° 3 | T 26 |
| W27 | 10 27 31 | 7°46'11 | 21° 5 | 27° 2 | 17° 7 | 21° 7 | 2° 6 | 9°16 | 9° 3 | 26°30 | 20°19 | 9°22 | 10°31 | 20°24 | 8° 2 | W27 |
| T 28 | 10 31 28 | 8°47'00 | 39549 | 28°39 | 18°22 | 21°52 | 2° 6 | 9°15 | 9° 3 | 26°32 | 20°20 | 9°19 | 10°28 | 20°31 | 8° 0 | T 28 |
| F 29 | 10 35 25 | 9) (47'47 | 169518 | 0 ∺ 17 | 19 米 37 | 22 Y 38 | 299 7 | 9 ™ 14 | 9M 2 | 26≈34 | 20 × 20 | 9 ™ 13 | 10 M 25 | 20 m 37 | 7959 | F 29 |

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| S 1 | 10 39 21 | 10 ¥ 48'33 | 28935 | 1) 56 | 20 米 53 | 23 Y 24 | 29 7 | 9°R13 | 9°R 1 | 26≈37 | 20 × 21 | 9°R 5 | 10M21 | 20 m /44 | 7°R58 | S 1 |
| S 2 | 10 43 18 | 11°49'18 | 10 Ω 44 | 3°35 | 22° 8 | 24°10 | 2° 8 | 9 M 12 | 9 M 0 | 26°39 | 20°22 | 8 M 55 | 10°18 | 20°51 | 7 9 57 | S 2 |
| M 3 | 10 47 14 | 12°50'02 | 22°46 | 5°16 | 23°23 | 24°55 | 2° 9 | 9°10 | 8°59 | 26°41 | 20°23 | 8°44 | 10°15 | 20°57 | 7°56 | M 3 |
| T 4 | 10 51 11 | 13°50'44 | 4 Mp 42 | 6°57 | 24°38 | 25°41 | 2°11 | 9°8 | 8°58 | 26°43 | 20°23 | 8°32 | 10°12 | 21° 4 | 7°56 | T 4 |
| W 5 | 10 55 7 | 14°51'25 | 16°35 | 8°38 | 25°53 | 26°26 | 2°12 | 9° 7 | 8°56 | 26°46 | 20°24 | 8°22 | 10° 9 | 21°11 | 7°55 | W 5 |
| T 6 | 10 59 4 | 15°52'05 | 28°25 | 10°21 | 27° 8 | 27°12 | 2°14 | 9° 5 | 8°55 | 26°48 | 20°25 | 8°13 | 10° 5 | 21°17 | 7°54 | T 6 |
| F 7 | 11 3 0 | 16°52'44 | 10 ≏ 15 | 12° 5 | 28°23 | 27°58 | 2°16 | 9° 3 | 8°54 | 26°50 | 20°25 | 8° 7 | 10° 2 | 21°24 | 7°53 | F 7 |
| S 8 | 11 6 57 | 17°53'22 | 22° 6 | 13°49 | 29°39 | 28°43 | 2°18 | 9° 1 | 8°53 | 26°52 | 20°26 | 8° 3 | 9°59 | 21°31 | 7°53 | S 8 |
| S 9 | 11 10 54 | 18°53'58 | 4M 2 | 15°34 | 0 Υ 54 | 29°29 | 2°21 | 8°59 | 8°51 | 26°54 | 20°26 | 8°D 2 | 9°56 | 21°38 | 7°53 | S 9 |
| M10 | 11 14 50 | 19°54'34 | 16° 5 | 17°20 | 2° 9 | 0814 | 2°23 | 8°57 | 8°50 | 26°56 | 20°27 | 8° 2 | 9°53 | 21°44 | 7°52 | M10 |
| T 11 | 11 18 47 | 20°55'08 | 28°20 | 19° 7 | 3°24 | 0°59 | 2°26 | 8°55 | 8°49 | 26°58 | 20°27 | 8° 3 | 9°50 | 21°51 | 7°52 | T 11 |
| W12 | 11 22 43 | 21°55'41 | 10 ₹ 51 | 20°55 | 4°39 | 1°45 | 2°29 | 8°52 | 8°47 | 27° 1 | 20°28 | 8° 4 | 9°46 | 21°58 | 7°52 | W12 |
| T 13 | 11 26 40 | 22°56'13 | 23°42 | 22°43 | 5°54 | 2°30 | 2°32 | 8°50 | 8°46 | 27° 3 | 20°28 | 8°R 5 | 9°43 | 22° 4 | 7°52 | T 13 |
| F 14 | 11 30 36 | 23°56'44 | 6 궁 58 | 24°33 | 7° 9 | 3°15 | 2°35 | 8°47 | 8°44 | 27° 5 | 20°28 | 8° 4 | 9°40 | 22°11 | 7°D52 | F 14 |
| S 15 | 11 34 33 | 24°57'14 | 20°42 | 26°23 | 8°24 | 4° 1 | 2°39 | 8°45 | 8°43 | 27° 7 | 20°29 | 8° 1 | 9°37 | 22°18 | 7°52 | S 15 |
| S 16 | 11 38 29 | 25°57'43 | 4≈55 | 28°14 | 9°39 | 4°46 | 2°43 | 8°42 | 8°41 | 27° 9 | 20°29 | 7°57 | 9°34 | 22°24 | 7°52 | S 16 |
| M17 | 11 42 26 | 26°58'10 | 19°34 | 0 Υ 6 | 10°54 | 5°31 | 2°47 | 8°39 | 8°39 | 27°11 | 20°29 | 7°51 | 9°30 | 22°31 | 7°52 | M17 |
| T 18 | 11 46 22 | 27°58'36 | 4) (35 | 1°58 | 12° 9 | 6°16 | 2°51 | 8°36 | 8°38 | 27°13 | 20°29 | 7°45 | 9°27 | 22°38 | 7°52 | T 18 |
| W19 | 11 50 19 | 28°59'01 | 19°50 | 3°51 | 13°23 | 7° 1 | 2°55 | 8°33 | 8°36 | 27°15 | 20°29 | 7°39 | 9°24 | 22°44 | 7°53 | W19 |
| T 20 | 11 54 16 | 29°59'24 | 5 ℃ 7 | 5°45 | 14°38 | 7°47 | 2°59 | 8°30 | 8°34 | 27°17 | 20°30 | 7°34 | 9°21 | 22°51 | 7°53 | T 20 |
| F 21 | 11 58 12 | 0 Ƴ 59'45 | 20°16 | 7°39 | 15°53 | 8°32 | 3° 4 | 8°27 | 8°32 | 27°19 | 20°30 | 7°31 | 9°18 | 22°58 | 7°54 | F 21 |
| S 22 | 12 2 9 | 2° 0'05 | 5 8 7 | 9°33 | 17° 8 | 9°17 | 3° 9 | 8°24 | 8°30 | 27°21 | 20°30 | 7°D30 | 9°15 | 23° 4 | 7°54 | S 22 |
| S 23 | 12 6 5 | 3° 0'23 | 19°35 | 11°27 | 18°23 | 10° 2 | 3°14 | 8°20 | 8°28 | 27°23 | 20°R30 | 7°31 | 9°11 | 23°11 | 7°55 | S 23 |
| M24 | 12 10 2 | 4° 0'39 | 3耳37 | 13°21 | 19°38 | 10°47 | 3°19 | 8°17 | 8°26 | 27°25 | 20°30 | 7°32 | 9° 8 | 23°18 | 7°56 | M24 |
| T 25 | 12 13 58 | 5° 0'54 | 17°10 | 15°14 | 20°52 | 11°31 | 3°24 | 8°13 | 8°24 | 27°27 | 20°30 | 7°34 | 9° 5 | 23°25 | 7°56 | T 25 |
| W26 | 12 17 55 | 6° 1'06 | 09518 | 17° 7 | 22° 7 | 12°16 | 3°30 | 8°10 | 8°22 | 27°29 | 20°29 | 7°R35 | 9° 2 | 23°31 | 7°57 | W26 |
| T 27 | 12 21 51 | 7° 1'16 | 13° 4 | 18°59 | 23°22 | 13° 1 | 3°35 | 8° 6 | 8°20 | 27°30 | 20°29 | 7°35 | 8°59 | 23°38 | 7°58 | T 27 |
| F 28 | 12 25 48 | 8° 1'25 | 25°31 | 20°49 | 24°36 | 13°46 | 3°41 | 8° 3 | 8°18 | 27°32 | 20°29 | 7°33 | 8°56 | 23°45 | 8° 0 | F 28 |
| S 29 | 12 29 45 | 9° 1'31 | 7 Ω 44 | 22°38 | 25°51 | 14°31 | 3°47 | 7°59 | 8°16 | 27°34 | 20°29 | 7°30 | 8°52 | 23°51 | 8° 1 | S 29 |
| S 30 | 12 33 41 | 10° 1'35 | 19°46 | 24°24 | 27° 5 | 15°15 | 3°53 | 7°55 | 8°14 | 27°36 | 20°29 | 7°26 | 8°49 | 23°58 | 8° 2 | S 30 |
| M31 | 12 37 38 | 11 ° 1'38 | 1 M p41 | 26 Y 8 | 28 Y 20 | 16 8 0 | 499 0 | 7 M 51 | 8 M 12 | 27 ≈ 38 | 20 × 28 | 7 M 22 | 8 M .46 | 24 Mp 5 | 89 3 | M31 |

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|------|----------|------------------|-----------------|----------------|------------------------|----------------|--------|----------------|---------------|----------------|----------------|---------------|----------------|----------------|--------------|--------------|
| T 1 | 12 41 34 | 12 Y 1'38 | 13 m 33 | 27 Y 48 | 29 Y 35 | 16 8 45 | 495 6 | 7°R47 | 8°R 9 | 27≈39 | 20°R28 | 7°R17 | 8 M .43 | 24 Mp 11 | 8 9 5 | T 1 |
| W 2 | 12 45 31 | 13° 1'36 | 25°22 | 29°25 | 0 8 49 | 17°29 | 4°13 | 7 M .43 | 8 M 7 | 27°41 | 20 ₮ 28 | 7 ™ 13 | 8°40 | 24°18 | 8° 6 | W 2 |
| T 3 | 12 49 27 | 14° 1'33 | 7 ≏ 13 | 0 8 58 | 2° 3 | 18°14 | 4°19 | 7°39 | 8° 5 | 27°43 | 20°27 | 7°10 | 8°36 | 24°25 | 8° 8 | T 3 |
| F 4 | 12 53 24 | 15° 1'28 | 19° 6 | 2°25 | 3°18 | 18°58 | 4°26 | 7°35 | 8° 3 | 27°45 | 20°27 | 7° 7 | 8°33 | 24°31 | 8° 9 | F 4 |
| S 5 | 12 57 20 | 16° 1'21 | 1 m 4 | 3°48 | 4°32 | 19°42 | 4°33 | 7°31 | 8° 0 | 27°46 | 20°27 | 7° 6 | 8°30 | 24°38 | 8°11 | S 5 |
| S 6 | 13 1 17 | 17° 1'12 | 13° 9 | 5° 5 | 5°47 | 20°27 | 4°41 | 7°27 | 7°58 | 27°48 | 20°26 | 7°D 6 | 8°27 | 24°45 | 8°13 | S 6 |
| M 7 | 13 5 13 | 18° 1'01 | 25°22 | 6°15 | 7° 1 | 21°11 | 4°48 | 7°23 | 7°56 | 27°50 | 20°26 | 7° 7 | 8°24 | 24°51 | 8°15 | M 7 |
| T 8 | 13 9 10 | 19° 0'49 | 7 .₹ 47 | 7°19 | 8°15 | 21°55 | 4°56 | 7°18 | 7°53 | 27°51 | 20°25 | 7° 8 | 8°21 | 24°58 | 8°17 | T 8 |
| W 9 | 13 13 7 | 20° 0'35 | 2 <u>0</u> °26 | 8°16 | 9°29 | 22°40 | 5° 3 | 7°14 | 7°51 | 27°53 | 20°25 | 7°10 | 8°17 | 25° 5 | 8°19 | W 9 |
| T 10 | 13 17 3 | 21° 0'20 | 3 ට 21 | 9° 5 | 10°44 | 23°24 | 5°11 | 7°10 | 7°48 | 27°54 | 20°24 | 7°11 | 8°14 | 25°11 | 8°21 | T 10 |
| F 11 | 13 21 0 | 22° 0'03 | 16°36 | 9°47 | 11°58 | 24° 8 | 5°19 | 7° 5 | 7°46 | 27°56 | 20°23 | 7°R12 | 8°11 | 25°18 | 8°23 | F 11 |
| S 12 | 13 24 56 | 22°59'44 | 0≈13 | 10°21 | 13°12 | 24°52 | 5°27 | 7° 1 | 7°43 | 27°57 | 20°23 | 7°12 | 8° 8 | 25°25 | 8°25 | S 12 |
| S 13 | 13 28 53 | 23°59'24 | 14°13 | 10°47 | 14°26 | 25°36 | 5°35 | 6°56 | 7°41 | 27°59 | 20°22 | 7°11 | 8° 5 | 25°31 | 8°27 | S 13 |
| M14 | 13 32 49 | 24°59'02 | 28°35 | 11° 5 | 15°40 | 26°20 | 5°44 | 6°52 | 7°38 | 28° 0 | 20°21 | 7°10 | 8° 2 | 25°38 | 8°30 | M14 |
| T 15 | 13 36 46 | 25°58'38 | 13 米 17 | 11°15 | 16°54 | 27° 4 | 5°52 | 6°47 | 7°36 | 28° 2 | 20°21 | 7° 8 | 7°58 | 25°45 | 8°32 | T 15 |
| W16 | 13 40 42 | 26°58'13 | 28°12 | 11°R17 | 18° 8 | 27°48 | 6° 1 | 6°42 | 7°33 | 28° 3 | 20°20 | 7° 7 | 7°55 | 25°52 | 8°35 | Wl6 |
| T 17 | 13 44 39 | 27°57'46 | 13 Υ 15 | 11°11 | 19°22 | 28°32 | 6° 9 | 6°38 | 7°31 | 28° 4 | 20°19 | 7° 6 | 7°52 | 25°58 | 8°37 | T 17 |
| F 18 | 13 48 36 | 28°57'17 | 28°15 | 10°58 | 20°36 | 29°16 | 6°18 | 6°33 | 7°28 | 28° 6 | 20°18 | 7° 6 | 7°49 | 26° 5 | 8°40 | F 18 |
| S 19 | 13 52 32 | 29°56'46 | 138 5 | 10°38 | 21°50 | 29°59 | 6°27 | 6°29 | 7°26 | 28° 7 | 20°17 | 7°D 6 | 7°46 | 26°12 | 8°42 | S 19 |
| S 20 | 13 56 29 | 0 8 56'13 | 27°36 | 10°12 | 23° 4 | 0 Ⅱ 43 | 6°36 | 6°24 | 7°23 | 28° 8 | 20°16 | 7° 6 | 7°42 | 26°18 | 8°45 | S 20 |
| M21 | 14 0 25 | 1°55'38 | 11 Ⅱ 45 | 9°39 | 24°18 | 1°27 | 6°46 | 6°19 | 7°21 | 28°10 | 20°15 | 7° 6 | 7°39 | 26°25 | 8°48 | M21 |
| T 22 | 14 4 22 | 2°55'01 | 25°27 | 9° 2 | 25°32 | 2°11 | 6°55 | 6°15 | 7°18 | 28°11 | 20°14 | 7° 7 | 7°36 | 26°32 | 8°51 | T 22 |
| W23 | 14 8 18 | 3°54'22 | 89944 | 8°21 | 26°46 | 2°54 | 7° 5 | 6°10 | 7°15 | 28°12 | 20°13 | 7° 7 | 7°33 | 26°38 | 8°54 | W23 |
| T 24 | 14 12 15 | 4°53'40 | 21°36 | 7°36 | 27°59 | 3°38 | 7°14 | 6° 5 | 7°13 | 28°13 | 20°12 | 7° 7 | 7°30 | 26°45 | 8°57 | T 24 |
| F 25 | 14 16 11 | 5°52'56 | 4Ω 7 | 6°49 6° 0 | 29°13 0 Ⅲ 27 | 4°21 | 7°24 | 6° 1 | 7°10 7°8 | 28°14 28°16 | 20°11 | 7°R 7 | 7°27 | 26°52 | 9° 0 9° 3 | F 25 S 26 |
| S 26 | 14 20 8 | 6°52'10 | 16°22 | | | 5° 5 | 7°34 | 5°56 | | | 20°10 | 7°D 7 | 7°23 | 26°58 | , , | |
| S 27 | 14 24 5 | 7°51'22 | 28°23 | 5°11 | 1°40 | 5°48 | 7°44 | 5°51 | 7° 5 | 28°17 | 20° 9 | 7° 8 | 7°20 | 27° 5 | 9° 6 | S 27 |
| M28 | 14 28 1 | 8°50'32 | 10 m)17 | 4°23 | 2°54 | 6°32 | 7°54 | 5°46 | 7° 2 | 28°18 | 20° 8 | 7° 8 | 7°17 | 27°12 | 9°10 | M28 |
| T 29 | 14 31 58 | 9°49'39 | 22° 6 | 3°36 | 4° 7 | 7°15 | 8° 4 | 5°42 | 7° 0 | 28°19 | 20° 7 | 7° 8 | 7°14 | 27°18 | 9°13 | T 29 |
| W30 | 14 35 54 | 10848'44 | 3 ≏ 56 | 2 8 51 | 5 Ⅱ 21 | 7 Ⅱ 58 | 89्514 | 5 M 37 | 6 M 57 | 28≈20 | 20 ∡ 6 | 7 M 8 | 7 M .11 | 27 m 25 | 99517 | W30 |

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| T 1 | 14 39 51 | 11847'47 | 15 ≏ 49 | 2°R10 | 6Д34 | 8 Д 41 | 89524 | 5°R32 | 6°R55 | 28≈21 | 20°R 5 | 7 M 9 | 7 m 7 | 27 Mp 32 | 99520 | T 1 |
| F 2 | 14 43 47 | 12°46'48 | 27°48 | 1832 | 7°48 | 9°25 | 8°35 | 5 M 28 | 6M52 | 28°22 | 20 × 3 | 7° 9 | 7° 4 | 27°38 | 9°24 | F 2 |
| S 3 | 14 47 44 | 13°45'47 | 9 M 55 | 0°58 | 9° 1 | 10° 8 | 8°45 | 5°23 | 6°50 | 28°22 | 20° 2 | 7°R 9 | 7° 1 | 27°45 | 9°27 | S 3 |
| S 4 | 14 51 40 | 14°44'44 | 22°13 | 0°29 | 10°14 | 10°51 | 8°56 | 5°19 | 6°47 | 28°23 | 20° 1 | 7° 9 | 6°58 | 27°52 | 9°31 | S 4 |
| M 5 | 14 55 37 | 15°43'39 | 4 ₹ 43 | 0° 5 | 11°28 | 11°34 | 9° 7 | 5°14 | 6°44 | 28°24 | 20° 0 | 7° 8 | 6°55 | 27°58 | 9°34 | M 5 |
| T 6 | 14 59 34 | 16°42'33 | 17°25 | 29 Y 46 | 12°41 | 12°17 | 9°17 | 5° 9 | 6°42 | 28°25 | 19°58 | 7° 7 | 6°52 | 28° 5 | 9°38 | T 6 |
| W 7 | 15 3 30 | 17°41'24 | 0 궁 21 | 29°32 | 13°54 | 13° 0 | 9°28 | 5° 5 | 6°39 | 28°26 | 19°57 | 7° 6 | 6°48 | 28°12 | 9°42 | W 7 |
| T 8 | 15 7 27 | 18°40'14 | 13°32 | 29°23 | 15° 7 | 13°43 | 9°39 | 5° 0 | 6°37 | 28°26 | 19°56 | 7° 4 | 6°45 | 28°18 | 9°46 | T 8 |
| F 9 | 15 11 23 | 19°39'03 | 26°56 | 29°D20 | 16°20 | 14°26 | 9°50 | 4°56 | 6°34 | 28°27 | 19°54 | 7° 3 | 6°42 | 28°25 | 9°50 | F 9 |
| S 10 | 15 15 20 | 20°37'49 | 10≈36 | 29°22 | 17°33 | 15° 8 | 10° 2 | 4°52 | 6°32 | 28°28 | 19°53 | 7° 2 | 6°39 | 28°32 | 9°54 | S 10 |
| S 11 | 15 19 16 | 21°36'34 | 24°31 | 29°29 | 18°46 | 15°51 | 10°13 | 4°47 | 6°29 | 28°28 | 19°52 | 7°D 2 | 6°36 | 28°38 | 9°58 | S 11 |
| M12 | 15 23 13 | 22°35'17 | 8)(41 | 29°40 | 19°59 | 16°34 | 10°24 | 4°43 | 6°27 | 28°29 | 19°50 | 7° 3 | 6°33 | 28°45 | 10° 2 | M12 |
| T 13 | 15 27 9 | 23°33'59 | 23° 3 | 29°57 | 21°12 | 17°16 | 10°36 | 4°38 | 6°24 | 28°30 | 19°49 | 7° 3 | 6°29 | 28°52 | 10° 6 | T 13 |
| W14 | 15 31 6 | 24°32'39 | 7 Ƴ 34 | 0819 | 22°25 | 17°59 | 10°47 | 4°34 | 6°22 | 28°30 | 19°47 | 7° 5 | 6°26 | 28°58 | 10°10 | W14 |
| T 15 | 15 35 2 | 25°31'18 | 22°11 | 0°44 | 23°38 | 18°42 | 10°59 | 4°30 | 6°20 | 28°31 | 19°46 | 7° 6 | 6°23 | 29° 5 | 10°14 | T 15 |
| F 16 | 15 38 59 | 26°29'55 | 6 8 49 | 1°15 | 24°50 | 19°24 | 11°10 | 4°26 | 6°17 | 28°31 | 19°44 | 7°R 6 | 6°20 | 29°12 | 10°18 | F 16 |
| S 17 | 15 42 56 | 27°28'30 | 21°20 | 1°49 | 26° 3 | 20° 7 | 11°22 | 4°22 | 6°15 | 28°32 | 19°43 | 7° 6 | 6°17 | 29°18 | 10°23 | S 17 |
| S 18 | 15 46 52 | 28°27'04 | 5∏40 | 2°27 | 27°16 | 20°49 | 11°34 | 4°18 | 6°12 | 28°32 | 19°41 | 7° 4 | 6°13 | 29°25 | 10°27 | S 18 |
| M19 | 15 50 49 | 29°25'35 | 19°42 | 3° 9 | 28°28 | 21°32 | 11°46 | 4°14 | 6°10 | 28°32 | 19°40 | 7° 2 | 6°10 | 29°32 | 10°31 | M19 |
| T 20 | 15 54 45 | 0 Ⅲ 24'05 | 39524 | 3°55 | 29°41 | 22°14 | 11°58 | 4°10 | 6°8 | 28°33 | 19°38 | 6°58 | 6° 7 | 29°38 | 10°36 | T 20 |
| W21 | 15 58 42 | 1°22'33 | 16°42 | 4°44 | 0954 | 22°56 | 12°10 | 4° 6 | 6° 6 | 28°33 | 19°37 | 6°55 | 6° 4 | 29°45 | 10°40 | W21 |
| T 22 | 16 2 38 | 2°20'59 | 29°38 | 5°36 | 2° 6 | 23°38 | 12°22 | 4° 2 | 6° 3 | 28°33 | 19°35 | 6°51 | 6° 1 | 29°52 | 10°45 | T 22 |
| F 23 | 16 635 | 3°19'23 | 12 Ω 13 | 6°32 | 3°18 | 24°21 | 12°34 | 3°58 | 6° 1 | 28°34 | 19°34 | 6°49 | 5°58 | 29°59 | 10°49 | F 23 |
| S 24 | 16 10 32 | 4°17'44 | 24°30 | 7°30 | 4°31 | 25° 3 | 12°46 | 3°54 | 5°59 | 28°34 | 19°32 | 6°47 | 5°54 | 0 호 5 | 10°54 | S 24 |
| S 25 | 16 14 28 | 5°16'04 | 6 m 33 | 8°31 | 5°43 | 25°45 | 12°59 | 3°51 | 5°57 | 28°34 | 19°30 | 6°D46 | 5°51 | 0°12 | 10°59 | S 25 |
| M26 | 16 18 25 | 6°14'22 | 18°26 | 9°36 | 6°55 | 26°27 | 13°11 | 3°47 | 5°55 | 28°34 | 19°29 | 6°47 | 5°48 | 0°19 | 11° 3 | M26 |
| T 27 | 16 22 21 | 7°12'38 | 0 ჲ 16 | 10°43 | 8° 7 | 27° 9 | 13°23 | 3°44 | 5°52 | 28°34 | 19°27 | 6°49 | 5°45 | 0°25 | 11°8 | T 27 |
| W28 | 16 26 18 | 8°10'52 | 12° 7 | 11°52 | 9°20 | 27°51 | 13°36 | 3°40 | 5°50 | 28°34 | 19°26 | 6°50 | 5°42 | 0°32 | 11°13 | W28 |
| T 29 | 16 30 14 | 9° 9'04 | 24° 3 | 13° 4 | 10°32 | 28°33 | 13°48 | 3°37 | 5°48 | 28°34 | 19°24 | 6°52 | 5°39 | 0°39 | 11°18 | T 29 |
| F 30 | 16 34 11 | 10° 7'14 | 6 M 7 | 14°19 | 11°44 | 29°15 | 14° 1 | 3°33 | 5°46 | 28°R34 | 19°22 | 6°R53 | 5°35 | 0°45 | 11°22 | F 30 |
| S 31 | 16 38 7 | 11 II 5'22 | 18 M 25 | 15 8 36 | 129556 | 29 Ⅱ 57 | 149514 | 3 M .30 | 5 M .44 | 28≈34 | 19 × 21 | 6 M 52 | 5 M 32 | 0 ჲ 52 | 119927 | S 31 |

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|------|----------|------------------|----------------|----------------|---------------|-------|--------|----------------|----------------|--------|----------------|----------------|---------------|---------------|--------|------|
| S 1 | 16 42 4 | 12 Ⅱ 3'29 | 0 ∡ 157 | 16 8 55 | 1495 7 | 0938 | 149526 | 3°R27 | 5°R42 | 28°R34 | 19°R19 | 6°R50 | 5 M 29 | 0 ჲ 59 | 119532 | S 1 |
| M 2 | 16 46 1 | 13° 1'34 | 13°45 | 18°17 | 15°19 | 1°20 | 14°39 | 3 M 24 | 5 M .41 | 28≈34 | 19 🗷 17 | 6 M .46 | 5°26 | 1° 5 | 11°37 | M 2 |
| T 3 | 16 49 57 | 13°59'38 | 26°50 | 19°41 | 16°31 | 2° 2 | 14°52 | 3°21 | 5°39 | 28°34 | 19°16 | 6°41 | 5°23 | 1°12 | 11°42 | T 3 |
| W 4 | 16 53 54 | 14°57'40 | 10 궁 10 | 21° 7 | 17°43 | 2°44 | 15° 5 | 3°18 | 5°37 | 28°34 | 19°14 | 6°34 | 5°19 | 1°19 | 11°47 | W 4 |
| T 5 | 16 57 50 | 15°55'41 | 23°43 | 22°36 | 18°54 | 3°25 | 15°18 | 3°15 | 5°35 | 28°34 | 19°12 | 6°28 | 5°16 | 1°25 | 11°52 | T 5 |
| F 6 | 17 1 47 | 16°53'40 | 7≈28 | 24° 6 | 20° 6 | 4° 7 | 15°30 | 3°13 | 5°33 | 28°34 | 19°11 | 6°22 | 5°13 | 1°32 | 11°57 | F 6 |
| S 7 | 17 5 43 | 17°51'39 | 21°23 | 25°39 | 21°17 | 4°48 | 15°43 | 3°10 | 5°32 | 28°33 | 19° 9 | 6°18 | 5°10 | 1°39 | 12° 2 | S 7 |
| S 8 | 17 9 40 | 18°49'35 | 5) €24 | 27°14 | 22°29 | 5°30 | 15°56 | 3° 7 | 5°30 | 28°33 | 19° 7 | 6°16 | 5° 7 | 1°45 | 12° 7 | S 8 |
| M 9 | 17 13 36 | 19°47'31 | 19°31 | 28°51 | 23°40 | 6°11 | 16° 9 | 3° 5 | 5°28 | 28°33 | 19° 6 | 6°D15 | 5° 4 | 1°52 | 12°12 | M 9 |
| T 10 | 17 17 33 | 20°45'26 | 3 Ƴ 42 | 0耳30 | 24°51 | 6°53 | 16°23 | 3° 2 | 5°27 | 28°33 | 19° 4 | 6°15 | 5° 0 | 1°59 | 12°17 | T 10 |
| W11 | 17 21 30 | 21°43'19 | 17°54 | 2°12 | 26° 3 | 7°34 | 16°36 | 3° 0 | 5°25 | 28°32 | 19° 2 | 6°17 | 4°57 | 2° 5 | 12°23 | W11 |
| T 12 | 17 25 26 | 22°41'12 | 2 8 7 | 3°55 | 27°14 | 8°15 | 16°49 | 2°58 | 5°24 | 28°32 | 19° 1 | 6°R17 | 4°54 | 2°12 | 12°28 | T 12 |
| F 13 | 17 29 23 | 23°39'03 | 16°18 | 5°41 | 28°25 | 8°57 | 17° 2 | 2°56 | 5°22 | 28°31 | 18°59 | 6°17 | 4°51 | 2°19 | 12°33 | F 13 |
| S 14 | 17 33 19 | 24°36'53 | 0 П 24 | 7°28 | 29°36 | 9°38 | 17°15 | 2°54 | 5°21 | 28°31 | 18°57 | 6°15 | 4°48 | 2°25 | 12°38 | S 14 |
| S 15 | 17 37 16 | 25°34'42 | 14°20 | 9°18 | 0 Ω 47 | 10°19 | 17°29 | 2°52 | 5°19 | 28°30 | 18°56 | 6°10 | 4°45 | 2°32 | 12°43 | S 15 |
| M16 | 17 41 12 | 26°32'30 | 28° 5 | 11°11 | 1°58 | 11° 0 | 17°42 | 2°50 | 5°18 | 28°30 | 18°54 | 6° 4 | 4°41 | 2°39 | 12°49 | M16 |
| T 17 | 17 45 9 | 27°30'17 | 119533 | 13° 5 | 3° 8 | 11°41 | 17°55 | 2°48 | 5°17 | 28°29 | 18°53 | 5°55 | 4°38 | 2°45 | 12°54 | T 17 |
| W18 | 17 49 5 | 28°28'02 | 24°44 | 15° 1 | 4°19 | 12°22 | 18° 9 | 2°47 | 5°16 | 28°29 | 18°51 | 5°46 | 4°35 | 2°52 | 12°59 | W18 |
| T 19 | 17 53 2 | 29°25'46 | 7Ω 35 | 16°59 | 5°30 | 13° 3 | 18°22 | 2°45 | 5°14 | 28°28 | 18°49 | 5°37 | 4°32 | 2°59 | 13° 5 | T 19 |
| F 20 | 17 56 59 | 09523'28 | 20° 8 | 19° 0 | 6°40 | 13°44 | 18°36 | 2°44 | 5°13 | 28°27 | 18°48 | 5°30 | 4°29 | 3° 5 | 13°10 | F 20 |
| S 21 | 18 0 55 | 1°21'10 | 2 m 25 | 21° 2 | 7°51 | 14°25 | 18°49 | 2°42 | 5°12 | 28°27 | 18°46 | 5°24 | 4°25 | 3°12 | 13°15 | S 21 |
| S 22 | 18 4 52 | 2°18'49 | 14°28 | 23° 6 | 9° 1 | 15° 6 | 19° 3 | 2°41 | 5°11 | 28°26 | 18°44 | 5°20 | 4°22 | 3°19 | 13°21 | S 22 |
| M23 | 18 8 48 | 3°16'28 | 26°21 | 25°12 | 10°12 | 15°47 | 19°16 | 2°40 | 5°10 | 28°25 | 18°43 | 5°18 | 4°19 | 3°25 | 13°26 | M23 |
| T 24 | 18 12 45 | 4°14'04 | 8 ₽ 11 | 27°19 | 11°22 | 16°28 | 19°30 | 2°39 | 5° 9 | 28°25 | 18°41 | 5°D18 | 4°16 | 3°32 | 13°31 | T 24 |
| W25 | 18 16 41 | 5°11'40 | 20° 2 | 29°28 | 12°32 | 17° 9 | 19°43 | 2°38 | 5° 8 | 28°24 | 18°40 | 5°19 | 4°13 | 3°39 | 13°37 | W25 |
| T 26 | 18 20 38 | 6° 9'15 | 1 M 59 | 19537 | 13°42 | 17°49 | 19°57 | 2°37 | 5° 8 | 28°23 | 18°38 | 5°R19 | 4°10 | 3°45 | 13°42 | T 26 |
| F 27 | 18 24 34 | 7° 6'48 | 14° 8 | 3°48 | 14°52 | 18°30 | 20°10 | 2°36 | 5° 7 | 28°22 | 18°37 | 5°19 | 4° 6 | 3°52 | 13°48 | F 27 |
| S 28 | 18 28 31 | 8° 4'20 | 26°32 | 6° 0 | 16° 2 | 19°11 | 20°24 | 2°35 | 5° 6 | 28°21 | 18°35 | 5°17 | 4° 3 | 3°59 | 13°53 | S 28 |
| S 29 | 18 32 28 | 9° 1'51 | 9 ∡ 15 | 8°12 | 17°12 | 19°51 | 20°38 | 2°35 | 5° 5 | 28°20 | 18°33 | 5°12 | 4° 0 | 4° 5 | 13°58 | S 29 |
| M30 | 18 36 24 | 9959'20 | 22 × 19 | 109525 | $18\Omega 21$ | 20932 | 20951 | 2 M .34 | 5 M 5 | 28≈19 | 18 × 32 | 5 M 6 | 3 M 57 | 4 ₽ 12 | 1495 4 | M30 |

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| T 1 | 18 40 21 | 10956'49 | 5 る 44 | 12937 | 19 Ω 31 | 219513 | 2195 5 | 2°R34 | 5°R 4 | 28°R19 | 18°R30 | 4°R57 | 3 M .54 | 4 ≏ 19 | 1495 9 | T 1 |
| W 2 | 18 44 17 | 11°54'17 | 19°28 | 14°49 | 20°40 | 21°53 | 21°19 | 2 M .34 | 5 M 4 | 28≈18 | 18 × 29 | 4 M .46 | 3°51 | 4°25 | 14°15 | W 2 |
| T 3 | 18 48 14 | 12°51'45 | 3≈28 | 17° 0 | 21°50 | 22°34 | 21°32 | 2°34 | 5° 3 | 28°17 | 18°27 | 4°36 | 3°47 | 4°32 | 14°20 | T 3 |
| F 4 | 18 52 10 | 13°49'11 | 17°40 | 19°11 | 22°59 | 23°14 | 21°46 | 2°D34 | 5° 3 | 28°16 | 18°26 | 4°26 | 3°44 | 4°39 | 14°26 | F 4 |
| S 5 | 18 56 7 | 14°46'37 | 1 米 57 | 21°20 | 24° 8 | 23°54 | 22° 0 | 2°34 | 5° 2 | 28°14 | 18°25 | 4°18 | 3°41 | 4°45 | 14°31 | S 5 |
| S 6 | 19 0 4 | 15°44'02 | 16°15 | 23°28 | 25°17 | 24°35 | 22°13 | 2°34 | 5° 2 | 28°13 | 18°23 | 4°13 | 3°38 | 4°52 | 14°36 | S 6 |
| M 7 | 19 4 0 | 16°41'27 | 0 Υ 31 | 25°35 | 26°26 | 25°15 | 22°27 | 2°34 | 5° 2 | 28°12 | 18°22 | 4°10 | 3°35 | 4°59 | 14°42 | M 7 |
| T 8 | 19 7 57 | 17°38'51 | 14°42 | 27°40 | 27°35 | 25°55 | 22°41 | 2°34 | 5° 1 | 28°11 | 18°20 | 4°D 9 | 3°31 | 5° 5 | 14°47 | T 8 |
| W 9 | 19 11 53 | 18°36'15 | 28°47 | 29°43 | 28°43 | 26°36 | 22°55 | 2°35 | 5° 1 | 28°10 | 18°19 | 4°R 9 | 3°28 | 5°12 | 14°53 | W 9 |
| T 10 F 11 | 19 15 50 19 19 46 | 19°33'39 20°31'02 | 12 8 44 26°34 | 1 Ω 44 3°43 | 29°52 | 27°16 27°56 | 23° 8 23°22 | 2°35 2°36 | 5° 1 5° 1 | 28° 9 28° 8 | 18°18 18°16 | 4° 9 4° 8 | 3°25 3°22 | 5°19 5°25 | 14°58 15° 4 | T 10 F 11 |
| S 12 | 19 19 46 | 20°31°02 21°28'25 | 26°34 10 Ⅱ 15 | 5°40 | 1 Mp 0 2° 9 | 28°36 | 23°36 | 2°37 | 5°D 1 | 28° 7 | 18°15 | 4° 8 | 3°19 | 5°32 | 15° 4 15° 9 | S 12 |
| | | | | | | | | | | | | | | | | |
| S 13 | 19 27 39 | 22°25'48 | 23°47 | 7°35 | 3°17 | 29°16 | 23°50 | 2°38 | 5° 1 | 28° 5 | 18°14 | 3°57 | 3°16 | 5°38 | 15°15 | S 13 |
| M14 | 19 31 36 | 23°23'10 | 799 8 | 9°28 | 4°25 | 29°56 | 24° 3 | 2°39 | 5° 1 | 28° 4 | 18°12 | 3°47 | 3°12 | 5°45 | 15°20 | M14 |
| T 15 W16 | 19 35 33 19 39 29 | 24°20'32 25°17'54 | 20°17 3 Ω 11 | 11°19 13° 7 | 5°33 6°41 | 0 Ω 36 1°16 | 24°17 24°31 | 2°40 | 5° 1 5° 1 | 28° 3 28° 1 | 18°11 18°10 | 3°36 3°23 | 3° 9 3° 6 | 5°52 5°58 | 15°25 15°31 | T 15 W16 |
| T 17 | 19 39 29 | 25°17'54 26°15'15 | 15°51 | 13° / 14°53 | 7°48 | 1°56 | 24°45 | 2°41 2°42 | 5° 2 | 28° 0 | 18° 10 | 3°23 3°11 | 3° 6 3° 3 | 6° 5 | 15°36 | T 17 |
| F 18 | 19 43 20 | 20°13°13 27°12'35 | 28°16 | 16°37 | 8°56 | 2°36 | 24°58 | 2°44 | 5° 2 | 27°59 | 18° 7 | 2°59 | 3° 0 | 6°12 | 15°42 | F 18 |
| S 19 | 19 51 19 | 28° 9'55 | 10 m)27 | 18°18 | 10° 3 | 3°16 | 25°12 | 2°45 | 5° 2 | 27°57 | 18° 6 | 2°50 | 2°57 | 6°18 | 15°47 | S 19 |
| | | | - | | | | | | | | | | | | | |
| S 20 M21 | 19 55 15 19 59 12 | 29° 7'15 0 Ω 4'34 | 22°27 4 Ω 19 | 19°58 21°34 | 11°11 12°18 | 3°56 4°36 | 25°26 25°40 | 2°47 2°48 | 5° 3 5° 3 | 27°56 27°55 | 18° 5 18° 4 | 2°43 2°39 | 2°53 2°50 | 6°25 6°32 | 15°52 15°58 | S 20 M21 |
| T 22 | 20 3 8 | 1° 1'52 | 16° 7 | 21° 34 23° 9 | 13°25 | 5°16 | 25°53 | 2°50 | 5° 4 | 27°53 | 18° 3 | 2°37 | 2°47 | 6°38 | 16° 3 | T 22 |
| W23 | 20 7 5 | 1°59'10 | 27°57 | 24°41 | 14°32 | 5°56 | 26° 7 | 2°52 | 5° 4 | 27°52 | 18° 2 | 2°37 | 2°44 | 6°45 | 16° 9 | W23 |
| T 24 | 20 11 2 | 2°56'27 | 9 m 53 | 26°11 | 15°38 | 6°35 | 26°21 | 2°54 | 5° 5 | 27°51 | 18° 1 | 2°36 | 2°41 | 6°52 | 16°14 | T 24 |
| F 25 | 20 14 58 | 3°53'44 | 22° 2 | 27°39 | 16°45 | 7°15 | 26°34 | 2°56 | 5° 6 | 27°49 | 18° 0 | 2°36 | 2°37 | 6°58 | 16°19 | F 25 |
| S 26 | 20 18 55 | 4°51'01 | 4 ₹ 29 | 29° 4 | 17°51 | 7°55 | 26°48 | 2°58 | 5° 6 | 27°48 | 17°59 | 2°33 | 2°34 | 7° 5 | 16°24 | S 26 |
| S 27 | 20 22 51 | 5°48'17 | 17°17 | 0 m 27 | 18°57 | 8°34 | 27° 2 | 3° 0 | 5° 7 | 27°46 | 17°58 | 2°29 | 2°31 | 7°12 | 16°30 | S 27 |
| M28 | 20 26 48 | 6°45'33 | 0중29 | 1°47 | 20° 3 | 9°14 | 27°15 | 3° 3 | 5° 8 | 27°45 | 17°57 | 2°21 | 2°28 | 7°18 | 16°35 | M28 |
| T 29 | 20 30 44 | 7°42'49 | 14° 8 | 3° 5 | 21° 9 | 9°53 | 27°29 | 3° 5 | 5° 9 | 27°43 | 17°56 | 2°12 | 2°25 | 7°25 | 16°40 | T 29 |
| W30 | 20 34 41 | 8°40'05 | 28°10 | 4°21 | 22°14 | 10°33 | 27°43 | 3° 7 | 5°10 | 27°42 | 17°55 | 2° 1 | 2°22 | 7°32 | 16°45 | W30 |
| T 31 | 20 38 37 | 9 Ω 37'20 | 12≈33 | 5 m 33 | 23 Mp 20 | 11 Ω 13 | 27956 | 3 M .10 | 5 M .11 | 27≈40 | 17 , ₹54 | 1 M 50 | 2 M .18 | 7 ≏ 38 | 16951 | T 31 |

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| Day | Sid.t | 0 | 9 | φ | · | o ⁷ | 4 | ħ |)ұ(| ¥ | 2 | n | Ω | Ç | , K | Day |
|------|----------|-------------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|--------|-----------------|----------------|----------------|---------------|--------|------|
| F 1 | 20 42 34 | 10 Ω 34'36 | 27≈ 9 | 6 m 43 | 24 Mp 25 | 11 Ω 52 | 289510 | 3 M .13 | 5 M .12 | 27°R39 | 17°R53 | 1°R39 | 2ML15 | 7 ≙ 45 | 16956 | F 1 |
| S 2 | 20 46 31 | 11°31'51 | 11 米 51 | 7°51 | 25°30 | 12°31 | 28°23 | 3°16 | 5°13 | 27≈37 | 17 ₹ 52 | 1 M 31 | 2°12 | 7°52 | 17° 1 | S 2 |
| S 3 | 20 50 27 | 12°29'07 | 26°33 | 8°55 | 26°35 | 13°11 | 28°37 | 3°19 | 5°14 | 27°36 | 17°52 | 1°25 | 2° 9 | 7°58 | 17° 6 | S 3 |
| M 4 | 20 54 24 | 13°26'23 | 11 ° 6 | 9°57 | 27°39 | 13°50 | 28°50 | 3°21 | 5°15 | 27°34 | 17°51 | 1°21 | 2° 6 | 8° 5 | 17°11 | M 4 |
| T 5 | 20 58 20 | 14°23'40 | 25°28 | 10°56 | 28°43 | 14°30 | 29° 4 | 3°25 | 5°16 | 27°32 | 17°50 | 1°D20 | 2° 2 | 8°12 | 17°16 | T 5 |
| W 6 | 21 2 17 | 15°20'57 | 9 8 36 | 11°51 | 29°48 | 15° 9 | 29°17 | 3°28 | 5°18 | 27°31 | 17°49 | 1°R20 | 1°59 | 8°18 | 17°21 | W 6 |
| T 7 | 21 6 13 | 16°18'15 | 23°29 | 12°44 | 0 ჲ 51 | 15°48 | 29°31 | 3°31 | 5°19 | 27°29 | 17°49 | 1°20 | 1°56 | 8°25 | 17°26 | T 7 |
| F 8 | 21 10 10 | 17°15'33 | 7 Ⅱ 8 | 13°33 | 1°55 | 16°28 | 29°44 | 3°34 | 5°20 | 27°28 | 17°48 | 1°19 | 1°53 | 8°32 | 17°31 | F 8 |
| S 9 | 21 14 6 | 18°12'52 | 20°33 | 14°19 | 2°58 | 17° 7 | 29°58 | 3°38 | 5°22 | 27°26 | 17°47 | 1°15 | 1°50 | 8°38 | 17°36 | S 9 |
| S 10 | 21 18 3 | 19°10'11 | 39645 | 15° 1 | 4° 2 | 17°46 | 0Ω11 | 3°41 | 5°23 | 27°24 | 17°47 | 1° 9 | 1°47 | 8°45 | 17°41 | S 10 |
| M11 | 21 22 0 | 20° 7'31 | 16°45 | 15°39 | 5° 5 | 18°25 | 0°24 | 3°45 | 5°25 | 27°23 | 17°46 | 1° 0 | 1°43 | 8°52 | 17°46 | M11 |
| T 12 | 21 25 56 | 21° 4'52 | 29°33 | 16°13 | 6° 7 | 19° 4 | 0°37 | 3°49 | 5°26 | 27°21 | 17°46 | 0°49 | 1°40 | 8°58 | 17°51 | T 12 |
| W13 | 21 29 53 | 22° 2'13 | 12 N 9 | 16°44 | 7°10 | 19°44 | 0°51 | 3°52 | 5°28 | 27°20 | 17°45 | 0°38 | 1°37 | 9° 5 | 17°56 | W13 |
| T 14 | 21 33 49 | 22°59'34 | 24°33 | 17°10 | 8°12 | 20°23 | 1° 4 | 3°56 | 5°30 | 27°18 | 17°45 | 0°26 | 1°34 | 9°12 | 18° 1 | T 14 |
| F 15 | 21 37 46 | 23°56'56 | 6 M)46 | 17°32 | 9°14 | 21° 2 | 1°17 | 4° 0 | 5°31 | 27°16 | 17°45 | 0°15 | 1°31 | 9°18 | 18° 5 | F 15 |
| S 16 | 21 41 42 | 24°54'18 | 18°49 | 17°49 | 10°15 | 21°41 | 1°30 | 4° 4 | 5°33 | 27°15 | 17°44 | 0° 6 | 1°28 | 9°25 | 18°10 | S 16 |
| S 17 | 21 45 39 | 25°51'41 | 0 ჲ 44 | 18° 1 | 11°17 | 22°20 | 1°43 | 4° 8 | 5°35 | 27°13 | 17°44 | 29 2 59 | 1°24 | 9°32 | 18°15 | S 17 |
| M18 | 21 49 35 | 26°49'04 | 12°33 | 18° 9 | 12°18 | 22°59 | 1°56 | 4°12 | 5°37 | 27°11 | 17°43 | 29°56 | 1°21 | 9°38 | 18°20 | M18 |
| T 19 | 21 53 32 | 27°46'28 | 24°19 | 18°R12 | 13°18 | 23°38 | 2° 9 | 4°17 | 5°39 | 27°10 | 17°43 | 29°54 | 1°18 | 9°45 | 18°24 | T 19 |
| W20 | 21 57 29 | 28°43'51 | 6M 8 | 18°10 | 14°19 | 24°17 | 2°22 | 4°21 | 5°41 | 27° 8 | 17°43 | 29°D54 | 1°15 | 9°51 | 18°29 | W20 |
| T 21 | 22 1 25 | 29°41'16 | 18° 3 | 18° 2 | 15°18 | 24°56 | 2°35 | 4°25 | 5°43 | 27° 7 | 17°43 | 29°55 | 1°12 | 9°58 | 18°33 | T 21 |
| F 22 | 22 5 22 | 0 mp 38'41 | 0 才 11 | 17°50 | 16°18 | 25°35 | 2°48 | 4°30 | 5°45 | 27° 5 | 17°42 | 29°R55 | 1° 8 | 10° 5 | 18°38 | F 22 |
| S 23 | 22 9 18 | 1°36'06 | 12°36 | 17°32 | 17°17 | 26°14 | 3° 1 | 4°34 | 5°47 | 27° 3 | 17°42 | 29°55 | 1° 5 | 10°11 | 18°42 | S 23 |
| S 24 | 22 13 15 | 2°33'31 | 25°23 | 17°10 | 18°16 | 26°53 | 3°14 | 4°39 | 5°49 | 27° 2 | 17°42 | 29°52 | 1° 2 | 10°18 | 18°47 | S 24 |
| M25 | 22 17 11 | 3°30'58 | 8 云 36 | 16°43 | 19°15 | 27°31 | 3°26 | 4°44 | 5°51 | 27° 0 | 17°42 | 29°48 | 0°59 | 10°25 | 18°51 | M25 |
| T 26 | 22 21 8 | 4°28'24 | 22°17 | 16°11 | 20°13 | 28°10 | 3°39 | 4°48 | 5°54 | 26°58 | 17°42 | 29°41 | 0°56 | 10°31 | 18°56 | T 26 |
| W27 | 22 25 4 | 5°25'52 | 6≈26 | 15°35 | 21°11 | 28°49 | 3°52 | 4°53 | 5°56 | 26°57 | 17°D42 | 29°34 | 0°53 | 10°38 | 19° 0 | W27 |
| T 28 | 22 29 1 | 6°23'20 | 21° 0 | 14°55 | 22° 8 | 29°28 | 4° 4 | 4°58 | 5°58 | 26°55 | 17°42 | 29°25 | 0°49 | 10°45 | 19° 4 | T 28 |
| F 29 | 22 32 58 | 7°20'48 | 5 ¥ 52 | 14°12 | 23° 5 | 0 m 6 | 4°17 | 5° 3 | 6° 0 | 26°54 | 17°42 | 29°18 | 0°46 | 10°51 | 19° 8 | F 29 |
| S 30 | 22 36 54 | 8°18'18 | 20°54 | 13°27 | 24° 1 | 0°45 | 4°29 | 5° 8 | 6° 3 | 26°52 | 17°42 | 29°12 | 0°43 | 10°58 | 19°12 | S 30 |
| S 31 | 22 40 51 | 9 m 15'48 | 5 Ƴ 56 | 12 m 40 | 24 ≏ 57 | 1 m 24 | 4 Ω 42 | 5 M 13 | 6M 5 | 26≈50 | 17 ∡ 742 | 29 ♀ 7 | 0 M .40 | 11 ♀ 5 | 199917 | S 31 |

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|------|----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|--------|----------------|---------------|----------------|----------------|--------|------|
| M 1 | 22 44 47 | 10 mg 13'20 | 20 Y 51 | 11°R52 | 25 ≙ 52 | 2 Mg 3 | 4 Ω 54 | 5 M .19 | 6 M 8 | 26°R49 | 17 √ 42 | 29°R 6 | 0 M .37 | 11 ≏ 11 | 199521 | M 1 |
| T 2 | 22 48 44 | 11°10'53 | 5 8 30 | 11Mp 4 | 26°47 | 2°41 | 5° 6 | 5°24 | 6°10 | 26≈47 | 17°43 | 29°D 5 | 0°34 | 11°18 | 19°25 | T 2 |
| W 3 | 22 52 40 | 12° 8'27 | 19°50 | 10°16 | 27°42 | 3°20 | 5°19 | 5°29 | 6°13 | 26°46 | 17°43 | 29 ♀ 6 | 0°30 | 11°25 | 19°29 | W 3 |
| T 4 | 22 56 37 | 13° 6'03 | 3 II 50 | 9°31 | 28°35 | 3°58 | 5°31 | 5°35 | 6°15 | 26°44 | 17°43 | 29° 7 | 0°27 | 11°31 | 19°33 | T 4 |
| F 5 | 23 0 33 | 14° 3'40 | 17°28 | 8°48 | 29°29 | 4°37 | 5°43 | 5°40 | 6°18 | 26°43 | 17°43 | 29°R 8 | 0°24 | 11°38 | 19°36 | F 5 |
| S 6 | 23 4 30 | 15° 1'18 | 09346 | 8° 9 | 0 M 21 | 5°16 | 5°55 | 5°46 | 6°21 | 26°41 | 17°44 | 29° 6 | 0°21 | 11°45 | 19°40 | S 6 |
| S 7 | 23 8 26 | 15°58'58 | 13°47 | 7°34 | 1°14 | 5°54 | 6° 7 | 5°51 | 6°23 | 26°40 | 17°44 | 29° 3 | 0°18 | 11°51 | 19°44 | S 7 |
| M 8 | 23 12 23 | 16°56'39 | 26°33 | 7° 4 | 2° 5 | 6°33 | 6°19 | 5°57 | 6°26 | 26°38 | 17°44 | 28°59 | 0°14 | 11°58 | 19°48 | M 8 |
| T 9 | 23 16 20 | 17°54'21 | 9Ω 4 | 6°40 | 2°56 | 7°11 | 6°31 | 6° 2 | 6°29 | 26°37 | 17°45 | 28°52 | 0°11 | 12° 5 | 19°51 | T 9 |
| W10 | 23 20 16 | 18°52'05 | 21°25 | 6°23 | 3°46 | 7°50 | 6°42 | 6° 8 | 6°32 | 26°35 | 17°45 | 28°45 | 0° 8 | 12°11 | 19°55 | W10 |
| T 11 | 23 24 13 | 19°49'50 | 3 m 35 | 6°12 | 4°36 | 8°28 | 6°54 | 6°14 | 6°35 | 26°34 | 17°46 | 28°38 | 0° 5 | 12°18 | 19°58 | T 11 |
| F 12 | 23 28 9 | 20°47'36 | 15°37 | 6°D 9 | 5°25 | 9° 7 | 7° 6 | 6°20 | 6°38 | 26°32 | 17°46 | 28°32 | 0° 2 | 12°24 | 20° 2 | F 12 |
| S 13 | 23 32 6 | 21°45'24 | 27°31 | 6°13 | 6°13 | 9°45 | 7°17 | 6°26 | 6°40 | 26°31 | 17°47 | 28°26 | 29 £ 59 | 12°31 | 20° 5 | S 13 |
| S 14 | 23 36 2 | 22°43'13 | 9 ≏ 21 | 6°24 | 7° 0 | 10°23 | 7°29 | 6°32 | 6°43 | 26°29 | 17°47 | 28°23 | 29°55 | 12°38 | 20° 9 | S 14 |
| M15 | 23 39 59 | 23°41'03 | 21° 8 | 6°44 | 7°47 | 11° 2 | 7°40 | 6°38 | 6°46 | 26°28 | 17°48 | 28°21 | 29°52 | 12°44 | 20°12 | M15 |
| T 16 | 23 43 55 | 24°38'55 | 2 M 55 | 7°11 | 8°33 | 11°40 | 7°52 | 6°44 | 6°49 | 26°27 | 17°49 | 28°D21 | 29°49 | 12°51 | 20°15 | T 16 |
| W17 | 23 47 52 | 25°36'47 | 14°44 | 7°46 | 9°18 | 12°19 | 8° 3 | 6°50 | 6°52 | 26°25 | 17°49 | 28°22 | 29°46 | 12°58 | 20°18 | W17 |
| T 18 | 23 51 49 | 26°34'41 | 26°41 | 8°29 | 10° 2 | 12°57 | 8°14 | 6°56 | 6°56 | 26°24 | 17°50 | 28°24 | 29°43 | 13° 4 | 20°22 | T 18 |
| F 19 | 23 55 45 | 27°32'36 | 8 . 749 | 9°19 | 10°45 | 13°35 | 8°25 | 7° 2 | 6°59 | 26°22 | 17°51 | 28°25 | 29°39 | 13°11 | 20°25 | F 19 |
| S 20 | 23 59 42 | 28°30'32 | 21°12 | 10°16 | 11°27 | 14°14 | 8°36 | 7° 9 | 7° 2 | 26°21 | 17°52 | 28°26 | 29°36 | 13°18 | 20°28 | S 20 |
| S 21 | 0 3 38 | 29°28'30 | 3 ⋜ 56 | 11°20 | 12° 8 | 14°52 | 8°47 | 7°15 | 7° 5 | 26°20 | 17°52 | 28°R26 | 29°33 | 13°24 | 20°31 | S 21 |
| M22 | 0 735 | 0 ≏ 26'28 | 17° 5 | 12°31 | 12°48 | 15°30 | 8°58 | 7°21 | 7° 8 | 26°19 | 17°53 | 28°25 | 29°30 | 13°31 | 20°33 | M22 |
| T 23 | 0 11 31 | 1°24'28 | 0≈40 | 13°48 | 13°27 | 16° 8 | 9°8 | 7°28 | 7°11 | 26°17 | 17°54 | 28°23 | 29°27 | 13°38 | 20°36 | T 23 |
| W24 | 0 15 28 | 2°22'29 | 14°44 | 15°10 | 14° 5 | 16°46 | 9°19 | 7°34 | 7°15 | 26°16 | 17°55 | 28°20 | 29°24 | 13°44 | 20°39 | W24 |
| T 25 | 0 19 24 | 3°20'32 | 29°15 | 16°38 | 14°41 | 17°25 | 9°29 | 7°41 | 7°18 | 26°15 | 17°56 | 28°17 | 29°20 | 13°51 | 20°42 | T 25 |
| F 26 | 0 23 21 | 4°18'35 | 14) 8 | 18°10 | 15°17 | 18° 3 | 9°40 | 7°47 | 7°21 | 26°14 | 17°57 | 28°13 | 29°17 | 13°58 | 20°44 | F 26 |
| S 27 | 0 27 17 | 5°16'40 | 29°15 | 19°47 | 15°51 | 18°41 | 9°50 | 7°54 | 7°25 | 26°12 | 17°58 | 28°11 | 29°14 | 14° 4 | 20°47 | S 27 |
| S 28 | 0 31 14 | 6°14'47 | 14 Y 29 | 21°27 | 16°24 | 19°19 | 10° 0 | 8° 1 | 7°28 | 26°11 | 17°59 | 28° 9 | 29°11 | 14°11 | 20°49 | S 28 |
| M29 | 0 35 11 | 7°12'55 | 29°38 | 23°11 | 16°55 | 19°57 | 10°11 | 8° 7 | 7°31 | 26°10 | 18° 0 | 28°D 9 | 29° 8 | 14°18 | 20°52 | M29 |
| T 30 | 0 39 7 | 8 ≏ 11'05 | 14834 | 24 m 57 | 17 M 25 | 20 m 35 | 10 N 21 | 8 M .14 | 7 M 35 | 26≈ 9 | 18 ∡ 1 | 28 ♀ 9 | 29 ♀ 5 | 14 ≏ 24 | 20954 | T 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| ħ | В | u | v | Ç | ę, | Day |
| W 1 | 0 43 4 | 9 ₾ 9'17 | 29810 | 26Mp45 | 17 M 54 | 21 Mp 14 | 10 Ω 31 | 8 M 21 | 7 M .38 | 26°R 8 | 18 ∡ 2 | 28 ≏ 11 | 29 ♀ 1 | 14 ≏ 31 | 209556 | W 1 |
| T 2 | 0 47 0 | 10° 7'31 | 13 Ⅲ 22 | 28°36 | 18°20 | 21°52 | 10°40 | 8°28 | 7°42 | 26≈ 7 | 18° 3 | 28°12 | 28°58 | 14°37 | 20°58 | T 2 |
| F 3 | 0 50 57 | 11° 5'47 | 27° 8 | 0 ჲ 27 | 18°46 | 22°30 | 10°50 | 8°34 | 7°45 | 26° 6 | 18° 5 | 28°13 | 28°55 | 14°44 | 21° 0 | F 3 |
| S 4 | 0 54 53 | 12° 4'05 | 10930 | 2°20 | 19°10 | 23° 8 | 11° 0 | 8°41 | 7°48 | 26° 5 | 18° 6 | 28°R13 | 28°52 | 14°51 | 21° 2 | S 4 |
| S 5 | 0 58 50 | 13° 2'25 | 23°28 | 4°13 | 19°32 | 23°46 | 11° 9 | 8°48 | 7°52 | 26° 4 | 18° 7 | 28°13 | 28°49 | 14°57 | 21° 4 | S 5 |
| M 6 | 1 2 46 | 14° 0'46 | 6 N 7 | 6° 7 | 19°52 | 24°24 | 11°19 | 8°55 | 7°56 | 26° 3 | 18° 8 | 28°12 | 28°45 | 15° 4 | 21° 6 | M 6 |
| T 7 | 1 6 43 | 14°59'10 | 18°30 | 8° 1 | 20°10 | 25° 2 | 11°28 | 9° 2 | 7°59 | 26° 2 | 18°10 | 28°11 | 28°42 | 15°11 | 21° 8 | T 7 |
| W 8 | 1 10 40 | 15°57'36 | 0 m /40 | 9°54 | 20°27 | 25°40 | 11°37 | 9° 9 | 8° 3 | 26° 1 | 18°11 | 28° 9 | 28°39 | 15°17 | 21°10 | W 8 |
| T 9 | 1 14 36 | 16°56'04 | 12°40 | 11°48 | 20°42 | 26°18 | 11°46 | 9°16 | 8° 6 | 26° 0 | 18°12 | 28° 7 | 28°36 | 15°24 | 21°12 | T 9 |
| F 10 | 1 18 33 | 17°54'33 | 24°33 | 13°41 | 20°54 | 26°56 | 11°55 | 9°23 | 8°10 | 25°59 | 18°14 | 28° 6 | 28°33 | 15°31 | 21°13 | F 10 |
| S 11 | 1 22 29 | 18°53'05 | 6 ₾ 22 | 15°33 | 21° 5 | 27°34 | 12° 4 | 9°30 | 8°13 | 25°58 | 18°15 | 28° 5 | 28°30 | 15°37 | 21°15 | S 11 |
| S 12 | 1 26 26 | 19°51'38 | 18°10 | 17°25 | 21°13 | 28°12 | 12°12 | 9°37 | 8°17 | 25°58 | 18°17 | 28° 4 | 28°26 | 15°44 | 21°16 | S 12 |
| M13 | 1 30 22 | 20°50'13 | 29°57 | 19°16 | 21°19 | 28°50 | 12°21 | 9°44 | 8°21 | 25°57 | 18°18 | 28°D 4 | 28°23 | 15°51 | 21°17 | M13 |
| T 14 | 1 34 19 | 21°48'50 | 11 M .48 | 21° 6 | 21°24 | 29°27 | 12°29 | 9°51 | 8°24 | 25°56 | 18°20 | 28° 4 | 28°20 | 15°57 | 21°19 | T 14 |
| W15 | 1 38 15 | 22°47'29 | 23°43 | 22°56 | 21°R25 | 0 호 5 | 12°38 | 9°59 | 8°28 | 25°55 | 18°21 | 28° 4 | 28°17 | 16° 4 | 21°20 | W15 |
| T 16 | 1 42 12 | 23°46'10 | 5 ₹ 46 | 24°44 | 21°25 | 0°43 | 12°46 | 10° 6 | 8°32 | 25°55 | 18°23 | 28° 5 | 28°14 | 16°11 | 21°21 | T 16 |
| F 17 | 1 46 8 | 24°44'52 | 18° 0 | 26°32 | 21°22 | 1°21 | 12°54 | 10°13 | 8°35 | 25°54 | 18°24 | 28° 5 | 28°11 | 16°17 | 21°22 | F 17 |
| S 18 | 1 50 5 | 25°43'36 | 0 る 27 | 28°18 | 21°16 | 1°59 | 13° 2 | 10°20 | 8°39 | 25°53 | 18°26 | 28° 6 | 28° 7 | 16°24 | 21°23 | S 18 |
| S 19 | 1 54 2 | 26°42'22 | 13°11 | OM 4 | 21° 9 | 2°37 | 13°10 | 10°28 | 8°43 | 25°53 | 18°28 | 28° 6 | 28° 4 | 16°30 | 21°24 | S 19 |
| M20 | 1 57 58 | 27°41'09 | 26°16 | 1°49 | 20°59 | 3°15 | 13°17 | 10°35 | 8°47 | 25°52 | 18°29 | 28° 6 | 28° 1 | 16°37 | 21°25 | M20 |
| T 21 | 2 1 55 | 28°39'58 | 9≈44 | 3°33 | 20°46 | 3°52 | 13°25 | 10°42 | 8°50 | 25°52 | 18°31 | 28° 6 | 27°58 | 16°44 | 21°25 | T 21 |
| W22 | 2 5 51 | 29°38'48 | 23°36 | 5°16 | 20°31 | 4°30 | 13°32 | 10°49 | 8°54 | 25°51 | 18°33 | 28° 6 | 27°55 | 16°50 | 21°26 | W22 |
| T 23 | 2 9 48 | 0M37'40 | 7) €53 | 6°58 8°39 | 20°14 19°54 | 5° 8 | 13°39 13°46 | 10°57 11° 4 | 8°58 9°2 | 25°51 25°50 | 18°34 | 28° 6 | 27°51 27°48 | 16°57 17° 4 | 21°27 21°27 | T 23 F 24 |
| F 24 S 25 | 2 13 44 2 17 41 | 1°36'34 2°35'29 | 22°33 7 Y 30 | 10°19 | 19°34 19°32 | 5°46 6°23 | 13°46 13°53 | 11° 4 | 9° 5 | 25°50 | 18°36 18°38 | 28° 6 28° 7 | 27°48 27°45 | 17° 4 | 21°27 21°28 | S 25 |
| | | | | | | | | | | | | | | | | |
| S 26 | 2 21 37 | 3°34'26 | 22°38 | 11°59 | 19° 8 | 7° 1 | 14° 0 | 11°19 | 9° 9 | 25°49 | 18°40 | 28°R 7 | 27°42 | 17°17 | 21°28 | S 26 |
| M27 | 2 25 34 | 4°33'25 | 7 8 48 | 13°37 | 18°42 | 7°39 | 14° 7 | 11°26 | 9°13 | 25°49 | 18°42 | 28° 7 | 27°39 | 17°24 | 21°28 | M27 |
| T 28 | 2 29 31 | 5°32'27 | 22°50 | 15°15 | 18°14 | 8°16 | 14°13 | 11°33 | 9°17 | 25°49 | 18°43 | 28° 7 | 27°36 | 17°30 | 21°28 | T 28 |
| W29 | 2 33 27 | 6°31'30 7°30'35 | 7 Ⅱ 35 | 16°52 18°28 | 17°44 17°13 | 8°54 9°32 | 14°19 14°25 | 11°41 11°48 | 9°20 9°24 | 25°49 25°48 | 18°45 18°47 | 28° 6 28° 5 | 27°32 27°29 | 17°37 17°44 | 21°28 | W29 T 30 |
| T 30 F 31 | 2 37 24 2 41 20 | 8ML29'43 | 21°59 5 © 56 | 20 M 3 | 1/°13 16ML40 | 9°32 10 ₽ 9 | $14^{\circ}25$ $14\Omega 31$ | 11°48 11 M .55 | 9°24 9 M 28 | 25°48 25 ≈ 48 | 18°47 18 ⁄2 49 | 28° 5 28 Ω 4 | 27 - 29 | 17°44 17 Ω 50 | 21°R28 21©28 | F 31 |
| 1 31 | 2 41 20 | 01164743 | 0دوجر | 20116 J | 1011640 | 10= 9 | 140631 | 1111633 | 711648 | ∠J ~ ~40 | 108.49 | ∠o == 4 | ∠/ == ∠0 | 1/==30 | 21 ق 20 | 1, 21 |

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| Day | Sid.t | 0 | D | ğ | φ | δ | 4 | ħ | Ж, | ¥ | Р | ß | ນ | Ç | ę, | Day |
|------|---------|------------------|----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|--------|-----------------|----------------|----------------|----------------|--------|------|
| S 1 | 2 45 17 | 9M28'52 | 19525 | 21 M 38 | 16°R 6 | 10 ≏ 47 | 14 \O 37 | 12 M 3 | 9 M 32 | 25°R48 | 18 才 51 | 28°R 2 | 27 ≏ 23 | 17 ≏ 57 | 21°R28 | S 1 |
| S 2 | 2 49 13 | 10°28'04 | 2 Ω 29 | 23°12 | 15 M 31 | 11°25 | 14°43 | 12°10 | 9°36 | 25≈48 | 18°53 | 28 <u>₽</u> 2 | 27°20 | 18° 4 | 219528 | S 2 |
| M 3 | 2 53 10 | 11°27'18 | 15° 8 | 24°45 | 14°55 | 12° 2 | 14°49 | 12°18 | 9°39 | 25°48 | 18°55 | 28°D 2 | 27°16 | 18°10 | 21°28 | M 3 |
| T 4 | 2 57 6 | 12°26'35 | 27°29 | 26°18 | 14°19 | 12°40 | 14°54 | 12°25 | 9°43 | 25°48 | 18°57 | 28° 2 | 27°13 | 18°17 | 21°27 | T 4 |
| W 5 | 3 1 3 | 13°25'53 | 9 m 35 | 27°50 | 13°42 | 13°17 | 14°59 | 12°32 | 9°47 | 25°47 | 18°59 | 28° 3 | 27°10 | 18°23 | 21°27 | W 5 |
| T 6 | 3 5 0 | 14°25'14 | 21°30 | 29°21 | 13° 5 | 13°55 | 15° 4 | 12°40 | 9°51 | 25°D47 | 19° 1 | 28° 5 | 27° 7 | 18°30 | 21°26 | T 6 |
| F 7 | 3 8 56 | 15°24'37 | 3 ≏ 19 | 0 才 51 | 12°29 | 14°33 | 15° 9 | 12°47 | 9°54 | 25°47 | 19° 3 | 28° 6 | 27° 4 | 18°37 | 21°25 | F 7 |
| S 8 | 3 12 53 | 16°24'02 | 15° 6 | 2°21 | 11°52 | 15°10 | 15°14 | 12°55 | 9°58 | 25°47 | 19° 5 | 28° 7 | 27° 1 | 18°43 | 21°25 | S 8 |
| S 9 | 3 16 49 | 17°23'29 | 26°53 | 3°50 | 11°17 | 15°48 | 15°18 | 13° 2 | 10° 2 | 25°48 | 19° 7 | 28°R 8 | 26°57 | 18°50 | 21°24 | S 9 |
| M10 | 3 20 46 | 18°22'58 | 8 M .45 | 5°18 | 10°42 | 16°25 | 15°22 | 13° 9 | 10° 6 | 25°48 | 19° 9 | 28° 7 | 26°54 | 18°57 | 21°23 | M10 |
| T 11 | 3 24 42 | 19°22'30 | 20°43 | 6°46 | 10° 8 | 17° 3 | 15°27 | 13°17 | 10°10 | 25°48 | 19°12 | 28° 6 | 26°51 | 19° 3 | 21°22 | T 11 |
| W12 | 3 28 39 | 20°22'03 | 2 ~ 149 | 8°13 | 9°36 | 17°40 | 15°31 | 13°24 | 10°13 | 25°48 | 19°14 | 28° 3 | 26°48 | 19°10 | 21°21 | W12 |
| T 13 | 3 32 35 | 21°21'38 | 15° 5 | 9°39 | 9° 5 | 18°18 | 15°34 | 13°31 | 10°17 | 25°48 | 19°16 | 28° 0 | 26°45 | 19°17 | 21°20 | T 13 |
| F 14 | 3 36 32 | 22°21'15 | 27°32 | 11° 5 | 8°36 | 18°55 | 15°38 | 13°39 | 10°21 | 25°48 | 19°18 | 27°56 | 26°42 | 19°23 | 21°19 | F 14 |
| S 15 | 3 40 29 | 23°20'54 | 10중12 | 12°29 | 8° 9 | 19°33 | 15°41 | 13°46 | 10°25 | 25°49 | 19°20 | 27°52 | 26°38 | 19°30 | 21°17 | S 15 |
| S 16 | 3 44 25 | 24°20'34 | 23° 5 | 13°53 | 7°44 | 20°10 | 15°45 | 13°53 | 10°28 | 25°49 | 19°22 | 27°48 | 26°35 | 19°37 | 21°16 | S 16 |
| M17 | 3 48 22 | 25°20'16 | 6≈13 | 15°16 | 7°20 | 20°47 | 15°48 | 14° 1 | 10°32 | 25°49 | 19°25 | 27°46 | 26°32 | 19°43 | 21°15 | M17 |
| T 18 | 3 52 18 | 26°20'00 | 19°39 | 16°38 | 6°59 | 21°25 | 15°51 | 14° 8 | 10°36 | 25°50 | 19°27 | 27°44 | 26°29 | 19°50 | 21°13 | T 18 |
| W19 | 3 56 15 | 27°19'45 | 3 ∺ 22 | 18° 0 | 6°40 | 22° 2 | 15°53 | 14°15 | 10°39 | 25°50 | 19°29 | 27°D44 | 26°26 | 19°56 | 21°12 | W19 |
| T 20 | 4 0 11 | 28°19'32 | 17°24 | 19°20 | 6°24 | 22°40 | 15°56 | 14°23 | 10°43 | 25°51 | 19°31 | 27°45 | 26°22 | 20° 3 | 21°10 | T 20 |
| F 21 | 4 4 8 | 29°19'20 | 1 Y 44 | 20°39 | 6°10 | 23°17 | 15°58 | 14°30 | 10°47 | 25°51 | 19°34 | 27°47 | 26°19 | 20°10 | 21° 8 | F 21 |
| S 22 | 4 8 4 | 0 才 19'10 | 16°20 | 21°57 | 5°58 | 23°54 | 16° 0 | 14°37 | 10°50 | 25°52 | 19°36 | 27°48 | 26°16 | 20°16 | 21° 6 | S 22 |
| S 23 | 4 12 1 | 1°19'02 | 1 8 8 | 23°13 | 5°49 | 24°32 | 16° 2 | 14°44 | 10°54 | 25°52 | 19°38 | 27°R48 | 26°13 | 20°23 | 21° 4 | S 23 |
| M24 | 4 15 58 | 2°18'55 | 16° 2 | 24°28 | 5°43 | 25° 9 | 16° 4 | 14°51 | 10°57 | 25°53 | 19°40 | 27°47 | 26°10 | 20°30 | 21° 3 | M24 |
| T 25 | 4 19 54 | 3°18'50 | 0 耳 53 | 25°42 | 5°38 | 25°46 | 16° 5 | 14°59 | 11° 1 | 25°53 | 19°43 | 27°44 | 26° 7 | 20°36 | 21° 1 | T 25 |
| W26 | 4 23 51 | 4°18'47 | 15°35 | 26°54 | 5°D37 | 26°23 | 16° 7 | 15° 6 | 11° 5 | 25°54 | 19°45 | 27°40 | 26° 3 | 20°43 | 20°58 | W26 |
| T 27 | 4 27 47 | 5°18'46 | 29°59 | 28° 4 | 5°37 | 27° 1 | 16° 8 | 15°13 | 11°8 | 25°55 | 19°47 | 27°34 | 26° 0 | 20°50 | 20°56 | T 27 |
| F 28 | 4 31 44 | 6°18'47 | 1495 1 | 29°12 | 5°40 | 27°38 | 16° 9 | 15°20 | 11°12 | 25°55 | 19°50 | 27°28 | 25°57 | 20°56 | 20°54 | F 28 |
| S 29 | 4 35 40 | 7°18'50 | 27°36 | 0중17 | 5°46 | 28°15 | 16°10 | 15°27 | 11°15 | 25°56 | 19°52 | 27°22 | 25°54 | 21° 3 | 20°52 | S 29 |
| S 30 | 4 39 37 | 8 ∡ 18'54 | 10 Ω 45 | 1 る 20 | 5 M .54 | 28 ≏ 52 | 16 Ω 10 | 15 M 34 | 11 M .19 | 25≈57 | 19 × 754 | 27 ≏ 17 | 25 ≏ 51 | 21 ≏ 10 | 209549 | S 30 |

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| M 1 | 4 43 33 | 9 % 19'01 | 23 1 29 | 2 පි 20 | 6M 4 | 29 ₾ 30 | 16 Ω 10 | 15 M 41 | 11 M 22 | 25≈58 | 19 ∡ 757 | 27°R14 | 25 ≏ 48 | 21 ≏ 16 | 20°R47 | M 1 |
| T 2 | 4 47 30 | 10°19'10 | 5 m 52 | 3°16 | 6°16 | OM 7 | 16°R11 | 15°48 | 11°26 | 25°59 | 19°59 | 27°D12 | 25°44 | 21°23 | 209544 | T 2 |
| W 3 T 4 | 4 51 27 4 55 23 | 11°19'20 12°19'33 | 17°58 29°52 | 4° 9 4°57 | 6°30 6°47 | 0°44 1°21 | 16°11 16°10 | 15°55 16° 2 | 11°29 11°32 | 26° 0 26° 0 | 20° 1 20° 4 | 27 Ω 12 27°14 | 25°41 25°38 | 21°30 21°36 | 20°42 20°39 | W 3 T 4 |
| F 5 | 4 59 20 | 12 19 33 13°19'47 | 11 Ω 40 | 5°41 | 7° 5 | 1°58 | 16°10 | 16° 9 | 11°36 | 26° 1 | 20° 6 | 27°15 | 25°35 | 21°43 | 20°37 | F 5 |
| S 6 | 5 3 16 | 14°20'04 | 23°27 | 6°20 | 7°26 | 2°35 | 16° 9 | 16°16 | 11°39 | 26° 2 | 20° 9 | 27°R16 | 25°32 | 21°49 | 20°34 | S 6 |
| S 7 | 5 7 13 | 15°20'22 | 5 ™ 17 | 6°52 | 7°48 | 3°13 | 16° 8 | 16°22 | 11°42 | 26° 3 | 20°11 | 27°16 | 25°28 | 21°56 | 20°31 | S 7 |
| M 8 | 5 11 9 | 16°20'42 | 17°14 | 7°18 | 8°12 | 3°50 | 16° 7 | 16°29 | 11°46 | 26° 4 | 20°13 | 27°13 | 25°25 | 22° 3 | 20°28 | M 8 |
| T 9 | 5 15 6 | 17°21'04 | 29°22 | 7°37 | 8°38 | 4°27 | 16° 6 | 16°36 | 11°49 | 26° 5 | 20°16 | 27° 9 | 25°22 | 22° 9 | 20°25 | T 9 |
| W10 T 11 | 5 19 2 5 22 59 | 18°21'27 19°21'52 | 11 ~ 41 24°14 | 7°48 7°R50 | 9° 6 9°35 | 5° 4 5°41 | 16° 5 16° 3 | 16°43 16°49 | 11°52 11°56 | 26° 7 26° 8 | 20°18 20°20 | 27° 2 26°53 | 25°19 25°16 | 22°16 22°23 | 20°22 20°19 | W10 T 11 |
| F 12 | 5 26 56 | 20°22'19 | 24 14 7 중 1 | 7°42 | 9 33 10° 6 | 6°18 | 16° 3 | 16°56 | 11°59 | 26° 9 | 20°23 | 26°43 | 25°13 | 22°29 | 20°16 | F 12 |
| S 13 | 5 30 52 | 21°22'47 | 20° 1 | 7°24 | 10°39 | 6°55 | 15°59 | 17° 2 | 12° 2 | 26°10 | 20°25 | 26°33 | 25° 9 | 22°36 | 20°13 | S 13 |
| S 14 | 5 34 49 | 22°23'17 | 3≈13 | 6°56 | 11°13 | 7°32 | 15°57 | 17° 9 | 12° 5 | 26°11 | 20°28 | 26°24 | 25° 6 | 22°43 | 20°10 | S 14 |
| M15 | 5 38 45 | 23°23'47 | 16°37 | 6°17 | 11°48 | 8° 9 | 15°55 | 17°15 | 12° 8 | 26°13 | 20°30 | 26°16 | 25° 3 | 22°49 | 20° 7 | M15 |
| T 16 | 5 42 42 | 24°24'19 | 0 ∺ 11 | 5°28 | 12°25 | 8°46 | 15°52 | 17°22 | 12°11 | 26°14 | 20°32 | 26°11 | 25° 0 | 22°56 | 20° 3 | T 16 |
| W17 | 5 46 38 | 25°24'52 | 13°56 | 4°29 | 13° 3 | 9°23 | 15°49 | 17°28 | 12°14 | 26°15 | 20°35 | 26° 9 | 24°57 | 23° 3 | 20° 0 | W17 |
| T 18 F 19 | 5 50 35 5 54 31 | 26°25'26 27°26'01 | 27°52 11 ° 57 | 3°21 2° 6 | 13°42 14°22 | 10° 0 10°36 | 15°46 15°43 | 17°34 17°41 | 12°17 12°20 | 26°16 26°18 | 20°37 20°40 | 26°D 8 26° 9 | 24°54 24°50 | 23° 9 23°16 | 19°57 19°53 | T 18 F 19 |
| S 20 | 5 58 28 | 28°26'37 | 26°12 | 0°46 | 15° 4 | 10°36 | 15°39 | 17°47 | 12°23 | 26°19 | 20°42 | 26°R 9 | 24°47 | 23°22 | 19°50 | S 20 |
| S 21 | 6 2 25 | 29°27'14 | 10835 | 29 × 124 | 15°46 | 11°50 | 15°36 | 17°53 | 12°26 | 26°21 | 20°44 | 26° 8 | 24°44 | 23°29 | 19°46 | S 21 |
| M22 | 6 6 21 | 0 ට 27'53 | 25° 2 | 28° 2 | 16°30 | 12°27 | 15°32 | 17°59 | 12°29 | 26°22 | 20°47 | 26° 5 | 24°41 | 23°36 | 19°43 | M22 |
| T 23 | 6 10 18 | 1°28'32 | 9∏30 | 26°43 | 17°15 | 13° 4 | 15°28 | 18° 5 | 12°32 | 26°24 | 20°49 | 25°59 | 24°38 | 23°42 | 19°39 | T 23 |
| W24 | 6 14 14 | 2°29'13 | 23°52 | 25°30 | 18° 1 | 13°41 | 15°24 | 18°11 | 12°34 | 26°25 | 20°51 | 25°51 | 24°34 | 23°49 | 19°36 | W24 |
| T 25 | 6 18 11 | 3°29'54 | 895 2 | 24°24 | 18°48 | 14°17 | 15°20 | 18°17 | 12°37 | 26°27 | 20°54 | 25°40 | 24°31 | 23°56 | 19°32 | T 25 |
| F 26 S 27 | 6 22 7 6 26 4 | 4°30'37 5°31'21 | 21°55 5 Ω 27 | 23°29 22°43 | 19°35 20°24 | 14°54 15°31 | 15°15 15°11 | 18°23 18°29 | 12°40 12°42 | 26°28 26°30 | 20°56 20°58 | 25°28 25°17 | 24°28 24°25 | 24° 2 24° 9 | 19°28 19°25 | F 26 S 27 |
| | | | | | | | | | | | | | | | | |
| S 28 | 6 30 1 | 6°32'07 | 18°35 | 22°10 | 21°13 22° 4 | 16° 7 | 15° 6 15° 1 | 18°35 | 12°45 | 26°31 26°33 | 21° 1 21° 3 | 25° 7 | 24°22 | 24°16 | 19°21 19°17 | S 28 |
| M29 T 30 | 6 33 57 6 37 54 | 7°32'53 8°33'41 | 1 Mp 21 13°45 | 21°47 21°36 | 22° 4 22°55 | 16°44 17°21 | 15° 1 14°56 | 18°40 18°46 | 12°48 12°50 | 26°33 26°35 | 21° 3 | 24°59 24°54 | 24°19 24°15 | 24°22 24°29 | 19°17 19°13 | M29 T 30 |
| W31 | 6 41 50 | 9 ろ 34'30 | | 21°D36 | 22 33 23 M 47 | 17 L57 | 14.050 | 18 M .52 | 12 30 12 M 53 | 26≈36 26≈36 | 21 🗷 8 | 24 - 51 | 24 <u>₽</u> 12 | 24 <u>₽</u> 36 | 19910 | W31 |

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|------|---------|----------|------------------|-----------------|-----------------|-----------------|----------------|----------------|-----------------|-------|----------------|----------------|----------------|----------------|--------|------|
| T 1 | 6 45 47 | 10る35'20 | 7 ≏ 48 | 21 × 746 | 24M39 | 18 M .34 | 14°R45 | 18 M 57 | 12 M 55 | 26≈38 | 21 × 10 | 24°D50 | 24 ♀ 9 | 24 ≏ 42 | 19°R 6 | T 1 |
| F 2 | 6 49 43 | 11°36'12 | 19°37 | 22° 5 | 25°33 | 19°11 | 14 Ω 39 | 19° 3 | 12°58 | 26°40 | 21°12 | 24°R50 | 24° 6 | 24°49 | 1995 2 | F 2 |
| S 3 | 6 53 40 | 12°37'05 | 1 M 24 | 22°32 | 26°27 | 19°47 | 14°33 | 19° 8 | 13° 0 | 26°41 | 21°14 | 24 ♀ 50 | 24° 3 | 24°55 | 18°58 | S 3 |
| S 4 | 6 57 36 | 13°37'59 | 13°16 | 23° 7 | 27°21 | 20°24 | 14°27 | 19°13 | 13° 2 | 26°43 | 21°17 | 24°49 | 24° 0 | 25° 2 | 18°54 | S 4 |
| M 5 | 7 1 33 | 14°38'54 | 25°17 | 23°48 | 28°17 | 21° 0 | 14°21 | 19°19 | 13° 5 | 26°45 | 21°19 | 24°45 | 23°56 | 25° 9 | 18°51 | M 5 |
| T 6 | 7 5 30 | 15°39'50 | 7 .₹ 31 | 24°36 | 29°13 | 21°37 | 14°15 | 19°24 | 13° 7 | 26°47 | 21°21 | 24°39 | 23°53 | 25°15 | 18°47 | T 6 |
| W 7 | 7 9 26 | 16°40'47 | 20° 2 | 25°29 | 0 才 9 | 22°13 | 14° 9 | 19°29 | 13° 9 | 26°49 | 21°23 | 24°30 | 23°50 | 25°22 | 18°43 | W 7 |
| T 8 | 7 13 23 | 17°41'45 | 2 ප 51 | 26°26 | 1° 6 | 22°50 | 14° 2 | 19°34 | 13°11 | 26°50 | 21°26 | 24°18 | 23°47 | 25°29 | 18°39 | T 8 |
| F 9 | 7 17 19 | 18°42'44 | 15°58 | 27°27 | 2° 4 | 23°26 | 13°56 | 19°39 | 13°13 | 26°52 | 21°28 | 24° 5 | 23°44 | 25°35 | 18°35 | F 9 |
| S 10 | 7 21 16 | 19°43'44 | 29°22 | 28°32 | 3° 2 | 24° 2 | 13°49 | 19°44 | 13°15 | 26°54 | 21°30 | 23°51 | 23°40 | 25°42 | 18°31 | S 10 |
| S 11 | 7 25 12 | 20°44'44 | 13 ≈ 0 | 29°41 | 4° 0 | 24°39 | 13°42 | 19°49 | 13°17 | 26°56 | 21°32 | 23°38 | 23°37 | 25°49 | 18°27 | S 11 |
| M12 | 7 29 9 | 21°45'45 | 26°48 | 0 궁 51 | 5° 0 | 25°15 | 13°35 | 19°53 | 13°19 | 26°58 | 21°34 | 23°28 | 23°34 | 25°55 | 18°24 | M12 |
| T 13 | 7 33 5 | 22°46'46 | 10) (44 | 2° 5 | 5°59 | 25°51 | 13°28 | 19°58 | 13°21 | 27° 0 | 21°36 | 23°20 | 23°31 | 26° 2 | 18°20 | T 13 |
| W14 | 7 37 2 | 23°47'47 | 24°45 | 3°20 | 6°59 | 26°27 | 13°21 | 20° 2 | 13°23 | 27° 2 | 21°38 | 23°16 | 23°28 | 26° 9 | 18°16 | W14 |
| T 15 | 7 40 59 | 24°48'49 | 8 Ƴ 48 | 4°37 | 8° 0 | 27° 4 | 13°13 | 20° 7 | 13°25 | 27° 4 | 21°41 | 23°14 | 23°25 | 26°15 | 18°12 | T 15 |
| F 16 | 7 44 55 | 25°49'50 | 22°52 | 5°56 | 9° 0 | 27°40 | 13° 6 | 20°11 | 13°27 | 27° 6 | 21°43 | 23°14 | 23°21 | 26°22 | 18° 8 | F 16 |
| S 17 | 7 48 52 | 26°50'52 | 6 8 56 | 7°16 | 10° 2 | 28°16 | 12°58 | 20°16 | 13°28 | 27° 8 | 21°45 | 23°14 | 23°18 | 26°29 | 18° 4 | S 17 |
| S 18 | 7 52 48 | 27°51'54 | 21° 1 | 8°37 | 11° 3 | 28°52 | 12°51 | 20°20 | 13°30 | 27°10 | 21°47 | 23°12 | 23°15 | 26°35 | 18° 1 | S 18 |
| M19 | 7 56 45 | 28°52'57 | 5 I I 4 | 10° 0 | 12° 5 | 29°28 | 12°43 | 20°24 | 13°32 | 27°12 | 21°49 | 23° 9 | 23°12 | 26°42 | 17°57 | M19 |
| T 20 | 8 0 41 | 29°53'59 | 19° 4 | 11°23 | 13° 8 | 0 才 4 | 12°36 | 20°28 | 13°33 | 27°14 | 21°51 | 23° 2 | 23° 9 | 26°48 | 17°53 | T 20 |
| W21 | 8 4 38 | 0≈55'01 | 2958 | 12°48 | 14°10 | 0°40 | 12°28 | 20°32 | 13°35 | 27°16 | 21°53 | 22°52 | 23° 6 | 26°55 | 17°49 | W21 |
| T 22 | 8 8 34 | 1°56'04 | 16°43 | 14°13 | 15°13 | 1°16 | 12°20 | 20°36 | 13°36 | 27°18 | 21°55 | 22°41 | 23° 2 | 27° 2 | 17°45 | T 22 |
| F 23 | 8 12 31 | 2°57'07 | 0 Ω 16 | 15°39 | 16°17 | 1°52 | 12°12 | 20°40 | 13°37 | 27°20 | 21°57 | 22°28 | 22°59 | 27° 8 | 17°42 | F 23 |
| S 24 | 8 16 28 | 3°58'10 | 13°32 | 17° 6 | 17°21 | 2°28 | 12° 4 | 20°43 | 13°39 | 27°22 | 21°58 | 22°15 | 22°56 | 27°15 | 17°38 | S 24 |
| S 25 | 8 20 24 | 4°59'13 | 26°30 | 18°33 | 18°25 | 3° 4 | 11°56 | 20°47 | 13°40 | 27°25 | 22° 0 | 22° 3 | 22°53 | 27°22 | 17°34 | S 25 |
| M26 | 8 24 21 | 6° 0'16 | 9 m 9 | 20° 1 | 19°29 | 3°40 | 11°48 | 20°51 | 13°41 | 27°27 | 22° 2 | 21°53 | 22°50 | 27°28 | 17°31 | M26 |
| T 27 | 8 28 17 | 7° 1'19 | 21°31 | 21°29 | 20°34 | 4°15 | 11°40 | 20°54 | 13°42 | 27°29 | 22° 4 | 21°47 | 22°46 | 27°35 | 17°27 | T 27 |
| W28 | 8 32 14 | 8° 2'23 | 3 ₾ 38 | 22°58 | 21°39 | 4°51 | 11°32 | 20°57 | 13°44 | 27°31 | 22° 6 | 21°43 | 22°43 | 27°42 | 17°24 | W28 |
| T 29 | 8 36 10 | 9° 3'27 | 15°33 | 24°28 | 22°44 | 5°27 | 11°24 | 21° 1 | 13°45 | 27°33 | 22° 8 | 21°41 | 22°40 | 27°48 | 17°20 | T 29 |
| F 30 | 8 40 7 | 10° 4'31 | 27°22 | 2 <u>5</u> °58 | 23°49 | 6° 3 | 11°16 | 21° 4 | 13°46 | 27°35 | 22° 9 | 21°D41 | 22°37 | 27°55 | 17°17 | F 30 |
| S 31 | 8 44 3 | 11≈ 5'36 | 9 M .10 | 27 る 28 | 24 × 755 | 6 ₹ 38 | 11 0 8 | 21 m 7 | 13 M .47 | 27≈38 | 22 × 11 | 21°R42 | 22 ≏ 34 | 28 ♀ 2 | 179913 | S 31 |

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|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|---------------|--------|------|
| S 1 | 8 48 0 | 12≈ 6'40 | 21 m 1 | 28 궁 59 | 26 × 1 | 7 √ 14 | 11°R 0 | 21 M .10 | 13 M 47 | 27≈40 | 22 × 13 | 21°R41 | 22 £ 31 | 28 ₾ 8 | 17°R10 | S 1 |
| M 2 | 8 51 57 | 13° 7'45 | 3 ∡ 7 3 | 0≈31 | 27° 7 | 7°49 | 10 Ω 52 | 21°13 | 13°48 | 27°42 | 22°15 | 21 ≏ 39 | 22°27 | 28°15 | 1795 6 | M 2 |
| T 3 | 8 55 53 | 14° 8'50 | 15°19 | 2° 3 | 28°14 | 8°25 | 10°44 | 21°16 | 13°49 | 27°44 | 22°16 | 21°35 | 22°24 | 28°21 | 17° 3 | T 3 |
| W 4 | 8 59 50 | 15° 9'55 | 27°55 | 3°35 | 29°20 | 9° 0 | 10°35 | 21°18 | 13°50 | 27°46 | 22°18 | 21°28 | 22°21 | 28°28 | 17° 0 | W 4 |
| T 5 | 9 3 46 | 16°11'00 | 10 る 52 | 5° 8 | 0 궁 27 | 9°36 | 10°27 | 21°21 | 13°51 | 27°49 | 22°20 | 21°19 | 22°18 | 28°35 | 16°57 | T 5 |
| F 6 | 9 7 43 | 17°12'05 | 24°12 | 6°41 | 1°34 | 10°11 | 10°19 | 21°23 | 13°51 | 27°51 | 22°21 | 21° 8 | 22°15 | 28°41 | 16°53 | F 6 |
| S 7 | 9 11 39 | 18°13'10 | 7 ≈ 55 | 8°15 | 2°42 | 10°46 | 10°11 | 21°26 | 13°52 | 27°53 | 22°23 | 20°57 | 22°12 | 28°48 | 16°50 | S 7 |
| S 8 | 9 15 36 | 19°14'14 | 21°56 | 9°49 | 3°49 | 11°22 | 10° 4 | 21°28 | 13°52 | 27°55 | 22°24 | 20°46 | 22° 8 | 28°55 | 16°47 | S 8 |
| M 9 | 9 19 32 | 20°15'18 | 6 ∀ 11 | 11°24 | 4°57 | 11°57 | 9°56 | 21°30 | 13°53 | 27°58 | 22°26 | 20°37 | 22° 5 | 29° 1 | 16°44 | M 9 |
| T 10 | 9 23 29 | 21°16'21 | 20°35 | 12°59 | 6° 5 | 12°32 | 9°48 | 21°32 | 13°53 | 28° 0 | 22°27 | 20°31 | 22° 2 | 29° 8 | 16°41 | T 10 |
| W11 | 9 27 26 | 22°17'24 | 5 ℃ 1 | 14°35 | 7°13 | 13° 7 | 9°40 | 21°34 | 13°53 | 28° 2 | 22°29 | 20°28 | 21°59 | 29°15 | 16°38 | W11 |
| T 12 | 9 31 22 | 23°18'26 | 19°25 | 16°12 | 8°21 | 13°42 | 9°32 | 21°36 | 13°54 | 28° 5 | 22°30 | 20°D27 | 21°56 | 29°21 | 16°35 | T 12 |
| F 13 | 9 35 19 | 24°19'27 | 3 8 43 | 17°49 | 9°29 | 14°17 | 9°25 | 21°38 | 13°54 | 28° 7 | 22°31 | 20°27 | 21°52 | 29°28 | 16°33 | F 13 |
| S 14 | 9 39 15 | 25°20'28 | 17°53 | 19°26 | 10°38 | 14°52 | 9°17 | 21°39 | 13°54 | 28° 9 | 22°33 | 20°28 | 21°49 | 29°35 | 16°30 | S 14 |
| S 15 | 9 43 12 | 26°21'27 | 1 Ⅱ 54 | 21° 4 | 11°46 | 15°27 | 9°10 | 21°41 | 13°54 | 28°11 | 22°34 | 20°R28 | 21°46 | 29°41 | 16°27 | S 15 |
| M16 | 9 47 8 | 27°22'26 | 15°44 | 22°43 | 12°55 | 16° 2 | 9° 2 | 21°42 | 13°54 | 28°14 | 22°35 | 20°26 | 21°43 | 29°48 | 16°25 | M16 |
| T 17 | 9 51 5 | 28°23'24 | 29°25 | 24°22 | 14° 4 | 16°37 | 8°55 | 21°44 | 13°R54 | 28°16 | 22°37 | 20°23 | 21°40 | 29°54 | 16°22 | T 17 |
| W18 | 9 55 1 | 29°24'20 | 12955 | 26° 2 | 15°13 | 17°12 | 8°48 | 21°45 | 13°54 | 28°18 | 22°38 | 20°16 | 21°37 | 0 M 1 | 16°20 | W18 |
| T 19 | 9 58 58 | 0) €25'16 | 26°14 | 27°42 | 16°22 | 17°46 | 8°41 | 21°46 | 13°54 | 28°20 | 22°39 | 20° 8 | 21°33 | 0° 8 | 16°17 | T 19 |
| F 20 | 10 2 55 | 1°26'11 | 9 Ω 20 | 29°24 | 17°31 | 18°21 | 8°34 | 21°47 | 13°54 | 28°23 | 22°40 | 19°59 | 21°30 | 0°14 | 16°15 | F 20 |
| S 21 | 10 651 | 2°27'05 | 22°14 | 1) 5 | 18°41 | 18°55 | 8°27 | 21°48 | 13°54 | 28°25 | 22°41 | 19°50 | 21°27 | 0°21 | 16°13 | S 21 |
| S 22 | 10 10 48 | 3°27'58 | 4 m 54 | 2°48 | 19°51 | 19°30 | 8°20 | 21°49 | 13°53 | 28°27 | 22°43 | 19°42 | 21°24 | 0°28 | 16°10 | S 22 |
| M23 | 10 14 44 | 4°28'50 | 17°20 | 4°31 | 21° 0 | 20° 4 | 8°14 | 21°50 | 13°53 | 28°30 | 22°44 | 19°36 | 21°21 | 0°34 | 16° 8 | M23 |
| T 24 | 10 18 41 | 5°29'41 | 29°34 | 6°15 | 22°10 | 20°39 | 8° 7 | 21°50 | 13°53 | 28°32 | 22°45 | 19°31 | 21°17 | 0°41 | 16° 6 | T 24 |
| W25 | 10 22 37 | 6°30'31 | 11 ≏ 36 | 7°59 | 23°20 | 21°13 | 8° 1 | 21°51 | 13°52 | 28°34 | 22°46 | 19°29 | 21°14 | 0°48 | 16° 4 | W25 |
| T 26 | 10 26 34 | 7°31'21 | 23°29 | 9°45 | 24°30 | 21°47 | 7°55 | 21°51 | 13°52 | 28°36 | 22°47 | 19°D29 | 21°11 | 0°54 | 16° 2 | T 26 |
| F 27 | 10 30 30 | 8°32'10 | 5 M ₁7 | 11°30 | 25°40 | 22°21 | 7°49 | 21°51 | 13°51 | 28°39 | 22°48 | 19°30 | 21° 8 | 1° 1 | 16° 0 | F 27 |
| S 28 | 10 34 27 | 9 ∺ 32'58 | 17 M 5 | 13 米 17 | 26 ප 51 | 22 × 55 | 7 Ω 43 | 21 m 51 | 13 M 51 | 28 ≈ 41 | 22 × 749 | 19 ≏ 32 | 21 ≏ 5 | 1 M 8 | 159559 | S 28 |

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| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)ұ(| ¥ | Р | ß | Ω | ţ | , k | Day |
|------|----------|-------------------|-----------------|----------------|----------------|----------------|--------------|----------------|-----------------|-------|-----------------|----------------|----------------|----------------|--------|------|
| S 1 | 10 38 24 | 10) 33'45 | 28M56 | 15) 4 | 28중 1 | 23 × 29 | 7°R37 | 21°R52 | 13°R50 | 28≈43 | 22 × 749 | 19 ₾ 33 | 21 ♀ 2 | 1 m .14 | 15°R57 | S 1 |
| M 2 | 10 42 20 | 11°34'32 | 10 ∡ 756 | 16°51 | 29°11 | 24° 3 | 7Ω 32 | 21 M 52 | 13 M .49 | 28°45 | 22°50 | 19°R34 | 20°58 | 1°21 | 159555 | M 2 |
| T 3 | 10 46 17 | 12°35'17 | 23°10 | 18°39 | 0≈22 | 24°37 | 7°26 | 21°51 | 13°48 | 28°48 | 22°51 | 19°33 | 20°55 | 1°28 | 15°54 | T 3 |
| W 4 | 10 50 13 | 13°36'02 | 5 ⋜ 44 | 20°28 | 1°33 | 25°11 | 7°21 | 21°51 | 13°48 | 28°50 | 22°52 | 19°31 | 20°52 | 1°34 | 15°52 | W 4 |
| T 5 | 10 54 10 | 14°36'46 | 18°40 | 22°17 | 2°43 | 25°45 | 7°16 | 21°51 | 13°47 | 28°52 | 22°53 | 19°27 | 20°49 | 1°41 | 15°51 | T 5 |
| F 6 | 10 58 6 | 15°37'29 | 2≈ 2 | 24° 6 | 3°54 | 26°18 | 7°11 | 21°50 | 13°46 | 28°54 | 22°53 | 19°22 | 20°46 | 1°47 | 15°50 | F 6 |
| S 7 | 11 2 3 | 16°38'11 | 15°51 | 25°55 | 5° 5 | 26°52 | 7° 6 | 21°50 | 13°45 | 28°56 | 22°54 | 19°17 | 20°43 | 1°54 | 15°48 | S 7 |
| S 8 | 11 5 59 | 17°38'52 | 0) 3 | 27°43 | 6°16 | 27°26 | 7° 1 | 21°49 | 13°44 | 28°59 | 22°55 | 19°12 | 20°39 | 2° 1 | 15°47 | S 8 |
| M 9 | 11 9 56 | 18°39'31 | 14°36 | 29°32 | 7°27 | 27°59 | 6°57 | 21°48 | 13°43 | 29° 1 | 22°55 | 19°8 | 20°36 | 2° 7 | 15°46 | M 9 |
| T 10 | 11 13 53 | 19°40'09 | 29°23 | 1 Υ 20 | 8°38 | 28°32 | 6°53 | 21°47 | 13°42 | 29° 3 | 22°56 | 19° 5 | 20°33 | 2°14 | 15°45 | T 10 |
| W11 | 11 17 49 | 20°40'46 | 14 Y 15 | 3° 7 | 9°50 | 29° 5 | 6°49 | 21°46 | 13°40 | 29° 5 | 22°56 | 19°D 4 | 20°30 | 2°21 | 15°44 | W11 |
| T 12 | 11 21 46 | 21°41'21 | 29° 6 | 4°53 | 11° 1 | 29°39 | 6°45 | 21°45 | 13°39 | 29° 7 | 22°57 | 19° 4 | 20°27 | 2°27 | 15°44 | T 12 |
| F 13 | 11 25 42 | 22°41'55 | 13 8 47 | 6°38 | 12°12 | 0 궁 12 | 6°41 | 21°44 | 13°38 | 29° 9 | 22°57 | 19° 5 | 20°23 | 2°34 | 15°43 | F 13 |
| S 14 | 11 29 39 | 23°42'27 | 28°15 | 8°20 | 13°24 | 0°44 | 6°37 | 21°43 | 13°37 | 29°11 | 22°58 | 19° 7 | 20°20 | 2°41 | 15°42 | S 14 |
| S 15 | 11 33 35 | 24°42'58 | 12Ⅲ26 | 10° 1 | 14°35 | 1°17 | 6°34 | 21°41 | 13°35 | 29°14 | 22°58 | 19°8 | 20°17 | 2°47 | 15°42 | S 15 |
| M16 | 11 37 32 | 25°43'26 | 26°19 | 11°38 | 15°47 | 1°50 | 6°31 | 21°40 | 13°34 | 29°16 | 22°58 | 19°R 8 | 20°14 | 2°54 | 15°41 | M16 |
| T 17 | 11 41 28 | 26°43'53 | 9953 | 13°12 | 16°58 | 2°23 | 6°28 | 21°38 | 13°32 | 29°18 | 22°59 | 19° 8 | 20°11 | 3° 1 | 15°41 | T 17 |
| W18 | 11 45 25 | 27°44'18 | 23°10 | 14°42 | 18°10 | 2°55 | 6°25 | 21°37 | 13°31 | 29°20 | 22°59 | 19° 6 | 20° 8 | 3° 7 | 15°41 | W18 |
| T 19 | 11 49 21 | 28°44'42 | 6 Ω 10 | 16° 7 | 19°22 | 3°28 | 6°23 | 21°35 | 13°29 | 29°22 | 22°59 | 19° 3 | 20° 4 | 3°14 | 15°40 | T 19 |
| F 20 | 11 53 18 | 29°45'03 | 18°56 | 17°27 | 20°34 | 4° 0 | 6°20 | 21°33 | 13°28 | 29°24 | 23° 0 | 19° 0 | 20° 1 | 3°21 | 15°40 | F 20 |
| S 21 | 11 57 15 | 0 ℃ 45'23 | 1 m) 29 | 18°41 | 21°45 | 4°32 | 6°18 | 21°31 | 13°26 | 29°26 | 23° 0 | 18°57 | 19°58 | 3°27 | 15°D40 | S 21 |
| S 22 | 12 111 | 1°45'41 | 13°51 | 19°49 | 22°57 | 5° 4 | 6°16 | 21°29 | 13°24 | 29°28 | 23° 0 | 18°55 | 19°55 | 3°34 | 15°40 | S 22 |
| M23 | 12 5 8 | 2°45'57 | 26° 1 | 20°49 | 24° 9 | 5°36 | 6°14 | 21°27 | 13°23 | 29°30 | 23° 0 | 18°53 | 19°52 | 3°40 | 15°40 | M23 |
| T 24 | 12 9 4 | 3°46'11 | 8 요 4 | 21°42 | 25°21 | 6° 8 | 6°13 | 21°24 | 13°21 | 29°32 | 23° 0 | 18°52 | 19°49 | 3°47 | 15°40 | T 24 |
| W25 | 12 13 1 | 4°46'24 | 19°59 | 22°26 | 26°33 | 6°40 | 6°11 | 21°22 | 13°19 | 29°34 | 23° 0 | 18°D51 | 19°45 | 3°54 | 15°41 | W25 |
| T 26 | 12 16 57 | 5°46'35 | 1 M .49 | 23° 2 | 27°45 | 7°12 | 6°10 | 21°19 | 13°17 | 29°36 | 23°R 0 | 18°52 | 19°42 | 4° 0 | 15°41 | T 26 |
| F 27 | 12 20 54 | 6°46'45 | 13°37 | 23°30 | 28°58 | 7°43 | 6° 9 | 21°17 | 13°15 | 29°38 | 23° 0 | 18°53 | 19°39 | 4° 7 | 15°42 | F 27 |
| S 28 | 12 24 50 | 7°46'53 | 25°25 | 23°47 | 0 ∺ 10 | 8°14 | 6° 8 | 21°14 | 13°13 | 29°40 | 23° 0 | 18°54 | 19°36 | 4°14 | 15°42 | S 28 |
| S 29 | 12 28 47 | 8°47'00 | 7 , ₹18 | 23°R56 | 1°22 | 8°46 | 6° 7 | 21°12 | 13°12 | 29°41 | 23° 0 | 18°55 | 19°33 | 4°20 | 15°43 | S 29 |
| M30 | 12 32 44 | 9°47'05 | 1 <u>9</u> °18 | 23°55 | 2°34 | <u>9</u> °17 | 6° 7 | 21° 9 | 13°10 | 29°43 | 23° 0 | 18°56 | 19°29 | 4°27 | 15°43 | M30 |
| T 31 | 12 36 40 | 10 ° 47'09 | 1 ਰ 31 | 23 Y 46 | 3) €46 | 9 ප් 48 | 6 N 7 | 21 M 6 | 13 M 8 | 29≈45 | 23 ∡ 0 | 18 ≏ 56 | 19 ≏ 26 | 4 M 34 | 159644 | T 31 |

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|------|----------|-------------------|-----------------|----------------|-----------------|----------------|--------------|---------------|----------------|---------------|-----------------|----------------|----------------|----------------|--------|------|
| W 1 | 12 40 37 | 11 ° 47'11 | 14궁 1 | 23°R27 | 4) (59 | 10 る 19 | 6°D 7 | 21°R 3 | 13°R 5 | 29≈47 | 22°R59 | 18°R56 | 19 ≏ 23 | 4 M .40 | 159345 | W 1 |
| T 2 | 12 44 33 | 12°47'11 | 26°52 | 23 Y 1 | 6°11 | 10°50 | 6 N 7 | 21 M 0 | 13 M 3 | 29°49 | 22 × 159 | 18 ≏ 56 | 19°20 | 4°47 | 15°46 | T 2 |
| F 3 | 12 48 30 | 13°47'11 | 10≈ 7 | 22°27 | 7°24 | 11°20 | 6° 7 | 20°57 | 13° 1 | 29°51 | 22°59 | 18°56 | 19°17 | 4°54 | 15°47 | F 3 |
| S 4 | 12 52 26 | 14°47'08 | 23°50 | 21°46 | 8°36 | 11°51 | 6° 8 | 20°53 | 12°59 | 29°52 | 22°59 | 18°55 | 19°14 | 5° 0 | 15°48 | S 4 |
| S 5 | 12 56 23 | 15°47'04 | 7 ∺ 59 | 21° 0 | 9°49 | 12°21 | 6° 8 | 20°50 | 12°57 | 29°54 | 22°58 | 18°55 | 19°10 | 5° 7 | 15°49 | S 5 |
| M 6 | 13 0 19 | 16°46'58 | 22°33 | 20° 9 | 11° 1 | 12°51 | 6° 9 | 20°47 | 12°55 | 29°56 | 22°58 | 18°55 | 19° 7 | 5°14 | 15°51 | M 6 |
| T 7 | 13 4 16 | 17°46'51 | 7 Υ 27 | 19°15 | 12°14 | 13°21 | 6°11 | 20°43 | 12°52 | 29°57 | 22°57 | 18°55 | 19° 4 | 5°20 | 15°52 | T 7 |
| W 8 | 13 8 12 | 18°46'41 | 22°33 | 18°19 | 13°26 | 13°51 | 6°12 | 20°40 | 12°50 | 29°59 | 22°57 | 18°55 | 19° 1 | 5°27 | 15°54 | W 8 |
| T 9 | 13 12 9 | 19°46'30 | 7 8 43 | 17°23 | 14°39 | 14°21 | 6°13 | 20°36 | 12°48 | 0) 1 | 22°56 | 18°55 | 18°58 | 5°33 | 15°55 | T 9 |
| F 10 | 13 16 6 | 20°46'17 | 22°47 | 16°27 | 15°52 | 14°50 | 6°15 | 20°33 | 12°46 | 0° 2 | 22°56 | 18°54 | 18°54 | 5°40 | 15°57 | F 10 |
| S 11 | 13 20 2 | 21°46'02 | 7 II 36 | 15°32 | 17° 4 | 15°19 | 6°17 | 20°29 | 12°43 | 0° 4 | 22°55 | 18°54 | 18°51 | 5°47 | 15°58 | S 11 |
| S 12 | 13 23 59 | 22°45'45 | 22° 5 | 14°40 | 18°17 | 15°48 | 6°19 | 20°25 | 12°41 | 0° 5 | 22°55 | 18°54 | 18°48 | 5°53 | 16° 0 | S 12 |
| M13 | 13 27 55 | 23°45'25 | 6910 | 13°51 | 19°30 | 16°17 | 6°21 | 20°21 | 12°39 | 0° 7 | 22°54 | 18°53 | 18°45 | 6° 0 | 16° 2 | M13 |
| T 14 | 13 31 52 | 24°45'04 | 19°50 | 13° 7 | 20°42 | 16°46 | 6°24 | 20°17 | 12°36 | 0° 9 | 22°54 | 18°D53 | 18°42 | 6° 7 | 16° 4 | T 14 |
| W15 | 13 35 48 | 25°44'40 | 3 N 5 | 12°28 | 21°55 | 17°15 | 6°27 | 20°13 | 12°34 | 0°10 | 22°53 | 18°53 | 18°39 | 6°13 | 16° 6 | W15 |
| T 16 | 13 39 45 | 26°44'14 | 15°59 | 11°54 | 23° 8 | 17°43 | 6°29 | 20° 9 | 12°31 | 0°11 | 22°52 | 18°54 | 18°35 | 6°20 | 16° 8 | T 16 |
| F 17 | 13 43 41 | 27°43'45 | 28°34 | 11°26 | 24°21 | 18°11 | 6°32 | 20° 5 | 12°29 | 0°13 | 22°52 | 18°54 | 18°32 | 6°27 | 16°10 | F 17 |
| S 18 | 13 47 38 | 28°43'14 | 10 m 53 | 11° 4 | 25°33 | 18°39 | 6°36 | 20° 1 | 12°26 | 0°14 | 22°51 | 18°55 | 18°29 | 6°33 | 16°13 | S 18 |
| S 19 | 13 51 35 | 29°42'42 | 23° 1 | 10°47 | 26°46 | 19° 7 | 6°39 | 19°57 | 12°24 | 0°16 | 22°50 | 18°56 | 18°26 | 6°40 | 16°15 | S 19 |
| M20 | 13 55 31 | 0842'07 | 5 ♀ 0 | 10°37 | 27°59 | 19°35 | 6°43 | 19°53 | 12°21 | 0°17 | 22°49 | 18°57 | 18°23 | 6°47 | 16°17 | M20 |
| T 21 | 13 59 28 | 1°41'30 | 16°53 | 10°D32 | 29°12 | 20° 2 | 6°46 | 19°49 | 12°19 | 0°18 | 22°48 | 18°R58 | 18°20 | 6°53 | 16°20 | T 21 |
| W22 | 14 3 24 | 2°40'51 | 28°42 | 10°34 | $0\Upsilon 25$ | 20°29 | 6°50 | 19°44 | 12°16 | 0°20 | 22°47 | 18°57 | 18°16 | 7° 0 | 16°22 | W22 |
| T 23 | 14 7 21 | 3°40'10 | 10 M .30 | 10°40 | 1°38 | 20°56 | 6°54 | 19°40 | 12°14 | 0°21 | 22°47 | 18°56 | 18°13 | 7° 7 | 16°25 | T 23 |
| F 24 | 14 11 17 | 4°39'27 | 22°19 | 10°52 | 2°51 | 21°23 | 6°59 | 19°36 | 12°11 | 0°22 | 22°46 | 18°55 | 18°10 | 7°13 | 16°28 | F 24 |
| S 25 | 14 15 14 | 5°38'42 | 4 √ 12 | 11° 9 | 4° 4 | 21°49 | 7° 3 | 19°31 | 12° 9 | 0°23 | 22°45 | 18°52 | 18° 7 | 7°20 | 16°30 | S 25 |
| S 26 | 14 19 10 | 6°37'56 | 16° 9 | 11°32 | 5°17 | 22°15 | 7° 8 | 19°27 | 12° 6 | 0°25 | 22°44 | 18°49 | 18° 4 | 7°27 | 16°33 | S 26 |
| M27 | 14 23 7 | 7°37'07 | 28°15 | 11°58 | 6°29 | 22°41 | 7°12 | 19°22 | 12° 3 | 0°26 | 22°43 | 18°47 | 18° 0 | 7°33 | 16°36 | M27 |
| T 28 | 14 27 4 | 8°36'17 | 10 ට 31 | 12°29 | 7°42 | 23° 7 | 7°17 | 19°18 | 12° 1 | 0°27 | 22°42 | 18°44 | 17°57 | 7°40 | 16°39 | T 28 |
| W29 | 14 31 0 | 9°35'25 | 23° 1 | 13° 5 | 8°55 | 23°33 | 7°22 | 19°13 | 11°58 | 0°28 | 22°41 | 18°42 | 17°54 | 7°47 | 16°42 | W29 |
| T 30 | 14 34 57 | 10 8 34'32 | 5≈49 | 13 ° 44 | 10 Y 8 | 23 る 58 | 7Ω 28 | 19 M 9 | 11 M 56 | 0 ∺ 29 | 22 × 39 | 18°D41 | 17 ≏ 51 | 7 M 53 | 169545 | T 30 |

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| F 1 | 14 38 53 | 11833'37 | 18 ≈ 58 | 14 Y 27 | 11 Y 21 | 24 궁 23 | 7 Ω 33 | 19°R 4 | 11°R53 | 0 ∺ 30 | 22°R38 | 18 ≏ 41 | 17 ≏ 48 | 8 M 0 | 169348 | F 1 |
| S 2 | 14 42 50 | 12°32'40 | 2 ∺ 30 | 15°14 | 12°35 | 24°47 | 7°39 | 19 M 0 | 11 M 51 | 0°31 | 22 × 37 | 18°42 | 17°45 | 8° 6 | 16°52 | S 2 |
| S 3 | 14 46 46 | 13°31'41 | 16°28 | 16° 4 | 13°48 | 25°12 | 7°44 | 18°55 | 11°48 | 0°32 | 22°36 | 18°44 | 17°41 | 8°13 | 16°55 | S 3 |
| M 4 | 14 50 43 | 14°30'41 | 0 Υ 50 | 16°57 | 15° 1 | 25°36 | 7°50 | 18°50 | 11°45 | 0°33 | 22°35 | 18°45 | 17°38 | 8°20 8°26 | 16°58 17° 2 | M 4 |
| T 5 W 6 | 14 54 39 14 58 36 | 15°29'39 16°28'35 | 15°36 0 8 38 | 17°53 18°52 | 16°14 17°27 | 26° 0 26°23 | 7°56 8° 2 | 18°46 18°41 | 11°43 11°40 | 0°34 0°35 | 22°34 22°32 | 18°R46 18°45 | 17°35 17°32 | 8°26 8°33 | 17° 2 17° 5 | T 5 W 6 |
| T 7 | 15 2 32 | 17°27'30 | 15°51 | 19°54 | 18°40 | 26°46 | 8° 9 | 18°36 | 11°38 | 0°36 | 22°31 | 18°44 | 17°29 | 8°40 | 17° 9 | T 7 |
| F 8 | 15 6 29 | 18°26'22 | 1 II 3 | 20°59 | 19°53 | 27° 9 | 8°15 | 18°32 | 11°35 | 0°36 | 22°30 | 18°41 | 17°26 | 8°46 | 17°13 | F 8 |
| S 9 | 15 10 26 | 19°25'13 | 16° 5 | 22° 6 | 21° 6 | 27°32 | 8°22 | 18°27 | 11°32 | 0°37 | 22°29 | 18°36 | 17°22 | 8°53 | 17°16 | S 9 |
| S 10 | 15 14 22 | 20°24'01 | 09348 | 23°16 | 22°19 | 27°54 | 8°29 | 18°23 | 11°30 | 0°38 | 22°27 | 18°32 | 17°19 | 9° 0 | 17°20 | S 10 |
| M11 | 15 18 19 | 21°22'48 | 15° 6 | 24°28 | 23°32 | 28°16 | 8°36 | 18°18 | 11°27 | 0°39 | 22°26 | 18°27 | 17°16 | 9° 6 | 17°24 | M11 |
| T 12 W13 | 15 22 15 15 26 12 | 22°21'32 23°20'14 | 28°56 12 Ω 17 | 25°42 26°58 | 24°45 25°59 | 28°37 28°58 | 8°43 8°50 | 18°13 18° 9 | 11°25 11°22 | 0°39 0°40 | 22°25 22°23 | 18°24 18°22 | 17°13 17°10 | 9°13 9°20 | 17°28 17°32 | T 12 W13 |
| T 14 | 15 30 8 | 24°18'54 | 25°12 | 28°17 | 27°12 | 29°19 | 8°57 | 18° 4 | 11°20 | 0°41 | 22°22 | 18°D21 | 17° 6 | 9°26 | 17°36 | T 14 |
| F 15 | 15 34 5 | 25°17'32 | 7 m 45 | 29°37 | 28°25 | 29°39 | 9° 5 | 18° 0 | 11°17 | 0°41 | 22°20 | 18°22 | 17° 3 | 9°33 | 17°40 | F 15 |
| S 16 | 15 38 2 | 26°16'08 | 20° 0 | 18 0 | 29°38 | 29°59 | 9°12 | 17°55 | 11°15 | 0°42 | 22°19 | 18°24 | 17° 0 | 9°40 | 17°44 | S 16 |
| S 17 | 15 41 58 | 27°14'41 | 2 º 1 | 2°25 | 0 8 51 | 0≈19 | 9°20 | 17°50 | 11°12 | 0°42 | 22°18 | 18°25 | 16°57 | 9°46 | 17°48 | S 17 |
| M18 | 15 45 55 | 28°13'13 | 13°54 | 3°51 | 2° 4 | 0°38 | 9°28 | 17°46 | 11°10 | 0°43 | 22°16 | 18°R26 | 16°54 | 9°53 | 17°52 | M18 |
| T 19 W20 | 15 49 51 15 53 48 | 29°11'42 0 11 10'10 | 25°42 7 M 29 | 5°20 6°50 | 3°17 4°31 | 0°56 1°15 | 9°36 9°44 | 17°41 17°37 | 11° 8 11° 5 | 0°43 0°44 | 22°15 22°13 | 18°26 18°24 | 16°51 16°47 | 10° 0 10° 6 | 17°57 18° 1 | T 19 W20 |
| T 21 | 15 57 44 | 1° 8'35 | 19°18 | 8°22 | 5°44 | 1°33 | 9°52 | 17°32 | 11° 3 | 0°44 | 22°12 | 18°20 | 16°44 | 10°13 | 18° 5 | T 21 |
| F 22 | 16 141 | 2° 6'59 | 1 才 12 | 9°56 | 6°57 | 1°50 | 10° 1 | 17°28 | 11° 0 | 0°44 | 22°10 | 18°14 | 16°41 | 10°20 | 18°10 | F 22 |
| S 23 | 16 5 37 | 3° 5'21 | 13°11 | 11°32 | 8°10 | 2° 7 | 10° 9 | 17°24 | 10°58 | 0°45 | 22° 9 | 18° 7 | 16°38 | 10°26 | 18°14 | S 23 |
| S 24 | 16 9 34 | 4° 3'42 | 25°18 | 13°10 | 9°23 | 2°24 | 10°18 | 17°19 | 10°56 | 0°45 | 22° 7 | 17°58 | 16°35 | 10°33 | 18°19 | S 24 |
| M25 | 16 13 30 | 5° 2'00 | 7 궁 34 | 14°49 | 10°36 | 2°40 | 10°27 | 17°15 | 10°53 | 0°45 | 22° 5 | 17°50 | 16°31 | 10°40 | 18°23 | M25 |
| T 26 W27 | 16 17 27 16 21 24 | 6° 0'18 6°58'33 | 20° 1 2 ≈ 39 | 16°31 18°14 | 11°50 13° 3 | 2°55 3°10 | 10°36 10°45 | 17°11 17° 7 | 10°51 10°49 | 0°46 0°46 | 22° 4 22° 2 | 17°42 17°35 | 16°28 16°25 | 10°46 10°53 | 18°28 18°33 | T 26 W27 |
| T 28 | 16 25 20 | 7°56'48 | 15°32 | 19°59 | 14°16 | 3°25 | 10°54 | 17° 2 | 10°47 | 0°46 | 22° 1 | 17°31 | 16°23 | 10° 33 | 18°37 | T 28 |
| F 29 | 16 29 17 | 8°55'00 | 28°40 | 21°46 | 15°29 | 3°39 | 11° 3 | 16°58 | 10°45 | 0°46 | 21°59 | 17°29 | 16°19 | 11° 6 | 18°42 | F 29 |
| S 30 | 16 33 13 | 9°53'12 | 12 ∺ 7 | 23°35 | 16°42 | 3°52 | 11°12 | 16°54 | 10°42 | 0°46 | 21°58 | 17°D28 | 16°16 | 11°13 | 18°47 | S 30 |
| S 31 | 16 37 10 | 10 Ⅱ 51′22 | 25) 54 | 25 8 26 | 17 8 56 | 4≈ 5 | 11 Ω 21 | 16 M 50 | 10 M 40 | 0 ∺ 46 | 21 × 756 | 17 ≏ 29 | 16 ₽ 12 | 11 M .19 | 18952 | S 31 |

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| M 1 | 16 41 6 | 11 Ⅱ 49'31 | 10 Y 2 | 27 8 18 | 198 9 | 4≈18 | 11 £ 31 | 16°R46 | 10°R38 | 0) €46 | 21°R54 | 17°R30 | 16 ♀ 9 | 11 M 26 | 18957 | M 1 |
| T 2 | 16 45 3 | 12°47'38 | 24°31 | 29°13 | 20°22 | 4°30 | 11°41 | 16 M .42 | 10 M 36 | 0°R46 | 21 ~ 53 | 17 ≏ 30 | 16° 6 | 11°33 | 19° 2 | T 2 |
| W 3 | 16 48 59 | 13°45'44 | 9818 | 1 I 9 | 21°35 | 4°41 | 11°50 | 16°38 | 10°34 | 0°46 | 21°51 | 17°28 | 16° 3 | 11°39 | 19° 7 | W 3 |
| T 4 | 16 52 56 | 14°43'49 | 24°16 | 3° 7 | 22°48 | 4°52 | 12° 0 | 16°34 | 10°32 | 0°46 | 21°49 | 17°24 | 16° 0 | 11°46 | 19°12 | T 4 |
| F 5 | 16 56 53 | 15°41'52 | 9∏19 | 5° 7 | 24° 2 | 5° 2 | 12°10 | 16°31 | 10°30 | 0°46 | 21°48 | 17°17 | 15°57 | 11°53 | 19°17 | F 5 |
| S 6 | 17 0 49 | 16°39'54 | 24°17 | 7° 9 | 25°15 | 5°11 | 12°20 | 16°27 | 10°28 | 0°46 | 21°46 | 17° 9 | 15°53 | 11°59 | 19°22 | S 6 |
| S 7 | 17 4 46 | 17°37'55 | 995 1 | 9°13 | 26°28 | 5°20 | 12°30 | 16°23 | 10°26 | 0°46 | 21°44 | 16°59 | 15°50 | 12° 6 | 19°27 | S 7 |
| M 8 | 17 8 42 | 18°35'54 | 23°23 | 11°18 | 27°41 | 5°28 | 12°40 | 16°20 | 10°24 | 0°46 | 21°43 | 16°50 | 15°47 | 12°13 | 19°32 | M 8 |
| T 9 | 17 12 39 | 19°33'51 | 7Ω 19 | 13°24 | 28°55 | 5°36 | 12°51 | 16°16 | 10°23 | 0°45 | 21°41 | 16°42 | 15°44 | 12°19 | 19°37 | T 9 |
| W10 | 17 16 35 | 20°31'46 | 20°46 | 15°32 | 0 Π 8 | 5°42 | 13° 1 | 16°13 | 10°21 | 0°45 | 21°39 | 16°37 | 15°41 | 12°26 | 19°43 | W10 |
| T 11 | 17 20 32 | 21°29'40 | 3 m 45 | 17°41 | 1°21 | 5°49 | 13°12 | 16°10 | 10°19 | 0°45 | 21°38 | 16°33 | 15°37 | 12°33 | 19°48 | T 11 |
| F 12 | 17 24 29 | 22°27'32 | 16°20 | 19°51 | 2°34 | 5°54 | 13°22 | 16° 6 | 10°17 | 0°45 | 21°36 | 16°32 | 15°34 | 12°39 | 19°53 | F 12 |
| S 13 | 17 28 25 | 23°25'23 | 28°35 | 22° 2 | 3°48 | 5°59 | 13°33 | 16° 3 | 10°16 | 0°44 | 21°35 | 16°D31 | 15°31 | 12°46 | 19°58 | S 13 |
| S 14 | 17 32 22 | 24°23'11 | 10 ≏ 36 | 24°14 | 5° 1 | 6° 3 | 13°44 | 16° 0 | 10°14 | 0°44 | 21°33 | 16°R32 | 15°28 | 12°53 | 20° 4 | S 14 |
| M15 | 17 36 18 | 25°20'59 | 22°28 | 26°25 | 6°14 | 6° 7 | 13°54 | 15°57 | 10°12 | 0°43 | 21°31 | 16°32 | 15°25 | 12°59 | 20° 9 | M15 |
| T 16 | 17 40 15 | 26°18'44 | 4 M .16 | 28°37 | 7°27 | 6° 9 | 14° 5 | 15°54 | 10°11 | 0°43 | 21°30 | 16°30 | 15°22 | 13° 6 | 20°15 | T 16 |
| W17 | 17 44 11 | 27°16'29 | 16° 4 | 09549 | 8°41 | 6°11 | 14°16 | 15°51 | 10° 9 | 0°42 | 21°28 | 16°27 | 15°18 | 13°13 | 20°20 | W17 |
| T 18 | 17 48 8 | 28°14'12 | 27°56 | 3° 0 | 9°54 | 6°13 | 14°27 | 15°48 | 10° 8 | 0°42 | 21°26 | 16°20 | 15°15 | 13°19 | 20°25 | T 18 |
| F 19 | 17 52 4 | 29°11'53 | 9 ₹ 56 | 5°11 | 11° 7 | 6°R13 | 14°38 | 15°46 | 10° 7 | 0°41 | 21°25 | 16°11 | 15°12 | 13°26 | 20°31 | F 19 |
| S 20 | 17 56 1 | 09 9'33 | 22° 5 | 7°20 | 12°20 | 6°13 | 14°50 | 15°43 | 10° 5 | 0°41 | 21°23 | 16° 0 | 15° 9 | 13°33 | 20°36 | S 20 |
| S 21 | 17 59 58 | 1° 7'13 | 4 る 25 | 9°29 | 13°34 | 6°12 | 15° 1 | 15°40 | 10° 4 | 0°40 | 21°21 | 15°48 | 15° 6 | 13°39 | 20°42 | S 21 |
| M22 | 18 3 54 | 2° 4'50 | 16°56 | 11°35 | 14°47 | 6°11 | 15°12 | 15°38 | 10° 3 | 0°40 | 21°20 | 15°35 | 15° 3 | 13°46 | 20°48 | M22 |
| T 23 | 18 7 51 | 3° 2'27 | 29°39 | 13°40 | 16° 0 | 6° 8 | 15°24 | 15°35 | 10° 1 | 0°39 | 21°18 | 15°23 | 14°59 | 13°53 | 20°53 | T 23 |
| W24 | 18 11 47 | 4° 0'03 | 12 ≈ 33 | 15°43 | 17°14 | 6° 5 | 15°35 | 15°33 | 10° 0 | 0°38 | 21°17 | 15°13 | 14°56 | 13°59 | 20°59 | W24 |
| T 25 | 18 15 44 | 4°57'38 | 25°40 | 17°44 | 18°27 | 6° 1 | 15°47 | 15°31 | 9°59 | 0°38 | 21°15 | 15° 6 | 14°53 | 14° 6 | 21° 4 | T 25 |
| F 26 | 18 19 40 | 5°55'12 | 8 ∺ 58 | 19°43 | 19°40 | 5°56 | 15°58 | 15°29 | 9°58 | 0°37 | 21°13 | 15° 1 | 14°50 | 14°13 | 21°10 | F 26 |
| S 27 | 18 23 37 | 6°52'46 | 22°29 | 21°40 | 20°54 | 5°51 | 16°10 | 15°27 | 9°57 | 0°36 | 21°12 | 14°59 | 14°47 | 14°19 | 21°16 | S 27 |
| S 28 | 18 27 33 | 7°50'18 | 6 Υ 14 | 23°34 | 22° 7 | 5°45 | 16°22 | 15°25 | 9°56 | 0°35 | 21°10 | 14°59 | 14°43 | 14°26 | 21°21 | S 28 |
| M29 | 18 31 30 | 8°47'50 | 20°14 | 25°26 | 23°20 | 5°38 | 16°34 | 15°23 | 9°55 | 0°34 | 21° 9 | 14°59 | 14°40 | 14°33 | 21°27 | M29 |
| T 30 | 18 35 27 | 9 © 45'22 | 4 8 28 | 279515 | 24∏34 | 5≈30 | 16 Ω 46 | 15 M 21 | 9 M .54 | 0) 34 | 21 才 7 | 14 ≏ 58 | 14 ≏ 37 | 14 M 39 | 219933 | T 30 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |) y (| 并 | В | N. | v | Ç | , k | Day |
|------|----------|------------------|-----------------|----------------|----------------|----------------|----------------|-----------------|---------------|---------------|----------------|----------------|----------------|-----------------|-------|------|
| W 1 | 18 39 23 | 109542'53 | 18 8 55 | 2995 2 | 25 Ⅱ 47 | 5°R22 | 16 Ω 57 | 15°R20 | 9°R53 | 0°R33 | 21°R 5 | 14°R55 | 14 ₾ 34 | 14 M .46 | 21938 | W 1 |
| T 2 | 18 43 20 | 11°40'23 | 3 Ⅱ 32 | 0 Ω 46 | 27° 0 | 5≈13 | 17° 9 | 15 M .18 | 9 m 52 | 0) 32 | 21 🖍 4 | 14 ♀ 50 | 14°31 | 14°53 | 21°44 | T 2 |
| F 3 | 18 47 16 | 12°37'53 | 18°14 | 2°27 | 28°14 | 5° 3 | 17°22 | 15°17 | 9°52 | 0°31 | 21° 2 | 14°42 | 14°28 | 14°59 | 21°50 | F 3 |
| S 4 | 18 51 13 | 13°35'22 | 2954 | 4° 6 | 29°27 | 4°52 | 17°34 | 15°15 | 9°51 | 0°30 | 21° 1 | 14°31 | 14°24 | 15° 6 | 21°56 | S 4 |
| S 5 | 18 55 9 | 14°32'50 | 17°23 | 5°42 | 09541 | 4°41 | 17°46 | 15°14 | 9°50 | 0°29 | 20°59 | 14°20 | 14°21 | 15°13 | 22° 1 | S 5 |
| M 6 | 18 59 6 | 15°30'17 | 1 Ω 35 | 7°16 | 1°54 | 4°29 | 17°58 | 15°13 | 9°50 | 0°28 | 20°58 | 14° 8 | 14°18 | 15°19 | 22° 7 | M 6 |
| T 7 | 19 3 3 | 16°27'44 | 15°25 | 8°47 | 3° 7 | 4°16 | 18°10 | 15°12 | 9°49 | 0°27 | 20°57 | 13°58 | 14°15 | 15°26 | 22°13 | T 7 |
| W 8 | 19 6 59 | 17°25'09 | 28°50 | 10°15 | 4°21 | 4° 3 | 18°23 | 15°11 | 9°49 | 0°26 | 20°55 | 13°50 | 14°12 | 15°33 | 22°19 | W 8 |
| T 9 | 19 10 56 | 18°22'34 | 11 m 50 | 11°40 | 5°34 | 3°49 | 18°35 | 15°10 | 9°48 | 0°25 | 20°54 | 13°45 | 14° 9 | 15°39 | 22°25 | T 9 |
| F 10 | 19 14 52 | 19°19'58 | 24°26 | 13° 3 | 6°48 | 3°35 | 18°47 | 15° 9 | 9°48 | 0°24 | 20°52 | 13°42 | 14° 5 | 15°46 | 22°30 | F 10 |
| S 11 | 19 18 49 | 20°17'21 | 6 ≏ 43 | 14°23 | 8° 1 | 3°20 | 19° 0 | 15° 8 | 9°47 | 0°22 | 20°51 | 13°41 | 14° 2 | 15°53 | 22°36 | S 11 |
| S 12 | 19 22 45 | 21°14'43 | 18°45 | 15°40 | 9°14 | 3° 4 | 19°12 | 15° 8 | 9°47 | 0°21 | 20°49 | 13°41 | 13°59 | 15°59 | 22°42 | S 12 |
| M13 | 19 26 42 | 22°12'04 | 0 M .38 | 16°54 | 10°28 | 2°49 | 19°25 | 15° 7 | 9°47 | 0°20 | 20°48 | 13°41 | 13°56 | 16° 6 | 22°48 | M13 |
| T 14 | 19 30 38 | 23° 9'25 | 12°27 | 18° 5 | 11°41 | 2°32 | 19°37 | 15° 7 | 9°47 | 0°19 | 20°47 | 13°39 | 13°53 | 16°13 | 22°54 | T 14 |
| W15 | 19 34 35 | 24° 6'45 | 24°18 | 19°13 | 12°55 | 2°15 | 19°50 | 15° 7 | 9°47 | 0°18 | 20°45 | 13°36 | 13°49 | 16°19 | 23° 0 | W15 |
| T 16 | 19 38 31 | 25° 4'04 | 6 ₹ 14 | 20°18 | 14° 8 | 1°58 | 20° 3 | 15° 6 | 9°46 | 0°17 | 20°44 | 13°30 | 13°46 | 16°26 | 23° 5 | T 16 |
| F 17 | 19 42 28 | 26° 1'23 | 18°20 | 21°20 | 15°22 | 1°41 | 20°15 | 15°D 6 | 9°D46 | 0°15 | 20°43 | 13°22 | 13°43 | 16°33 | 23°11 | F 17 |
| S 18 | 19 46 25 | 26°58'41 | 0 る 38 | 22°18 | 16°35 | 1°23 | 20°28 | 15° 6 | 9°46 | 0°14 | 20°42 | 13°11 | 13°40 | 16°39 | 23°17 | S 18 |
| S 19 | 19 50 21 | 27°55'58 | 13°11 | 23°13 | 17°49 | 1° 5 | 20°41 | 15° 6 | 9°47 | 0°13 | 20°40 | 12°59 | 13°37 | 16°46 | 23°23 | S 19 |
| M20 | 19 54 18 | 28°53'15 | 25°59 | 24° 5 | 19° 2 | 0°47 | 20°54 | 15° 7 | 9°47 | 0°11 | 20°39 | 12°47 | 13°34 | 16°53 | 23°29 | M20 |
| T 21 | 19 58 14 | 29°50'32 | 9≈ 2 | 24°53 | 20°16 | 0°28 | 21° 7 | 15° 7 | 9°47 | 0°10 | 20°38 | 12°36 | 13°30 | 16°59 | 23°34 | T 21 |
| W22 | 20 2 11 | 0 Ω 47'49 | 22°17 | 25°38 | 21°29 | 0°10 | 21°20 | 15° 7 | 9°47 | 0° 9 | 20°37 | 12°26 | 13°27 | 17° 6 | 23°40 | W22 |
| T 23 | 20 6 7 | 1°45'05 | 5) (45 | 26°19 | 22°43 | 29 ට 51 | 21°32 | 15° 8 | 9°47 | 0° 7 | 20°36 | 12°19 | 13°24 | 17°13 | 23°46 | T 23 |
| F 24 | 20 10 4 | 2°42'21 | 19°22 | 26°56 | 23°57 | 29°33 | 21°45 | 15° 8 | 9°48 | 0° 6 | 20°35 | 12°15 | 13°21 | 17°19 | 23°52 | F 24 |
| S 25 | 20 14 1 | 3°39'37 | 3 ℃ 8 | 27°28 | 25°10 | 29°14 | 21°58 | 15° 9 | 9°48 | 0° 5 | 20°33 | 12°13 | 13°18 | 17°26 | 23°58 | S 25 |
| S 26 | 20 17 57 | 4°36'54 | 17° 2 | 27°57 | 26°24 | 28°55 | 22°11 | 15°10 | 9°49 | 0° 3 | 20°32 | 12°D13 | 13°15 | 17°33 | 24° 3 | S 26 |
| M27 | 20 21 54 | 5°34'10 | 18 4 | 28°21 | 27°37 | 28°37 | 22°24 | 15°11 | 9°49 | 0° 2 | 20°31 | 12°R13 | 13°11 | 17°39 | 24° 9 | M27 |
| T 28 | 20 25 50 | 6°31'27 | 15°12 | 28°41 | 28°51 | 28°18 | 22°37 | 15°12 | 9°50 | 0° 0 | 20°30 | 12°13 | 13° 8 | 17°46 | 24°15 | T 28 |
| W29 | 20 29 47 | 7°28'44 | 29°26 | 28°57 | OΩ 5 | 28° 0 | 22°50 | 15°13 | 9°50 | 29≈59 | 20°29 | 12°11 | 13° 5 | 17°53 | 24°21 | W29 |
| T 30 | 20 33 43 | 8°26'01 | 13 II 43 | 29° 8 | 1°18 | 27°42 | 23° 4 | 15°14 | 9°51 | 29°57 | 20°28 | 12° 7 | 13° 2 | 17°59 | 24°26 | T 30 |
| F 31 | 20 37 40 | 9 Ω 23'19 | 28耳 1 | 29 Ω 14 | 2 Ω 32 | 27 る 25 | 23 Ω 17 | 15 M .16 | 9 M 52 | 29≈56 | 20 × 27 | 12 ♀ 0 | 12 ≏ 59 | 18 M 6 | 24932 | F 31 |

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| Day | Sid.t | 0 | 7) | φ | φ | o ⁷ | 4 | ħ | ፟፞፞፠ | ¥ | 2 | R | Ω | ţ | δ | Day |
|------|----------|-------------------|----------------------|----------------|----------------|----------------|---------------------|-----------------|----------------|--------|----------------|----------------|----------------|-----------------|--------|------|
| S 1 | 20 41 36 | 10\$\Omega20'37 | 129914 | 29°R16 | 3 Ω 46 | 27°R 7 | 23 \Omega 30 | 15 M .17 | 9 M 52 | 29°R54 | 20°R27 | 11°R52 | 12 ≏ 55 | 18 M .13 | 24938 | S 1 |
| S 2 | 20 45 33 | 11°17'55 | 26°19 | 29 Ω 13 | 4°59 | 26 궁 50 | 23°43 | 15°18 | 9°53 | 29≈53 | 20 × 26 | 11 ≏ 42 | 12°52 | 18°19 | 24°44 | S 2 |
| M 3 | 20 49 30 | 12°15'13 | 10 Ω 10 | 29° 5 | 6°13 | 26°34 | 23°56 | 15°20 | 9°54 | 29°51 | 20°25 | 11°33 | 12°49 | 18°26 | 24°49 | M 3 |
| T 4 | 20 53 26 | 13°12'31 | 23°44 | 28°52 | 7°27 | 26°17 | 24° 9 | 15°22 | 9°55 | 29°50 | 20°24 | 11°24 | 12°46 | 18°33 | 24°55 | T 4 |
| W 5 | 20 57 23 | 14° 9'50 | 6 m 57 | 28°35 | 8°41 | 26° 2 | 24°23 | 15°24 | 9°56 | 29°48 | 20°23 | 11°18 | 12°43 | 18°39 | 25° 1 | W 5 |
| T 6 | 21 1 19 | 15° 7'08 | 19°49 | 28°14 | 9°54 | 25°47 | 24°36 | 15°25 | 9°57 | 29°47 | 20°22 | 11°13 | 12°40 | 18°46 | 25° 6 | T 6 |
| F 7 | 21 5 16 | 16° 4'26 | 2 <u>Ω</u> 22 | 27°49 | 11°8 | 25°32 | 24°49 | 15°27 | 9°58 | 29°45 | 20°22 | 11°11 | 12°36 | 18°53 | 25°12 | F 7 |
| S 8 | 21 9 12 | 17° 1'45 | 14°38 | 27°19 | 12°22 | 25°18 | 25° 2 | 15°30 | 9°59 | 29°43 | 20°21 | 11°D11 | 12°33 | 18°59 | 25°17 | S 8 |
| S 9 | 21 13 9 | 17°59'03 | 26°40 | 26°47 | 13°36 | 25° 5 | 25°16 | 15°32 | 10° 0 | 29°42 | 20°20 | 11°11 | 12°30 | 19° 6 | 25°23 | S 9 |
| M10 | 21 17 5 | 18°56'22 | 8MJ34 | 26°11 | 14°50 | 24°52 | 25°29 | 15°34 | 10° 2 | 29°40 | 20°20 | 11°13 | 12°27 | 19°13 | 25°29 | M10 |
| T 11 | 21 21 2 | 19°53'41 | 20°24 | 25°33 | 16° 3 | 24°40 | 25°42 | 15°36 | 10° 3 | 29°39 | 20°19 | 11°R13 | 12°24 | 19°19 | 25°34 | T 11 |
| W12 | 21 24 59 | 20°50'59 | 2 √ 16 | 24°53 | 17°17 | 24°29 | 25°55 | 15°39 | 10° 4 | 29°37 | 20°18 | 11°12 | 12°21 | 19°26 | 25°40 | W12 |
| T 13 | 21 28 55 | 21°48'18 | 14°14 | 24°11 | 18°31 | 24°19 | 26° 9 | 15°41 | 10° 6 | 29°35 | 20°18 | 11°10 | 12°17 | 19°33 | 25°45 | T 13 |
| F 14 | 21 32 52 | 22°45'38 | 26°24 | 23°30 | 19°45 | 24° 9 | 26°22 | 15°44 | 10° 7 | 29°34 | 20°17 | 11° 5 | 12°14 | 19°39 | 25°50 | F 14 |
| S 15 | 21 36 48 | 23°42'57 | 8 국 48 | 22°48 | 20°59 | 24° 0 | 26°35 | 15°47 | 10° 9 | 29°32 | 20°17 | 10°59 | 12°11 | 19°46 | 25°56 | S 15 |
| S 16 | 21 40 45 | 24°40'17 | 21°31 | 22° 8 | 22°13 | 23°52 | 26°49 | 15°50 | 10°10 | 29°31 | 20°16 | 10°52 | 12° 8 | 19°53 | 26° 1 | S 16 |
| M17 | 21 44 41 | 25°37'37 | 4≈32 | 21°29 | 23°27 | 23°44 | 27° 2 | 15°53 | 10°12 | 29°29 | 20°16 | 10°44 | 12° 5 | 19°59 | 26° 7 | M17 |
| T 18 | 21 48 38 | 26°34'57 | 17°52 | 20°53 | 24°40 | 23°38 | 27°15 | 15°56 | 10°13 | 29°27 | 20°15 | 10°37 | 12° 1 | 20° 6 | 26°12 | T 18 |
| W19 | 21 52 34 | 27°32'18 | 1 米 29 | 20°19 | 25°54 | 23°32 | 27°28 | 15°59 | 10°15 | 29°26 | 20°15 | 10°31 | 11°58 | 20°13 | 26°17 | W19 |
| T 20 | 21 56 31 | 28°29'40 | 15°20 | 19°50 | 27° 8 | 23°27 | 27°42 | 16° 2 | 10°17 | 29°24 | 20°15 | 10°26 | 11°55 | 20°19 | 26°22 | T 20 |
| F 21 | 22 0 27 | 29°27'02 | 29°22 | 19°25 | 28°22 | 23°23 | 27°55 | 16° 5 | 10°18 | 29°23 | 20°14 | 10°24 | 11°52 | 20°26 | 26°28 | F 21 |
| S 22 | 22 4 24 | 0 m 24'25 | 13 Y 32 | 19° 4 | 29°36 | 23°20 | 28° 8 | 16° 8 | 10°20 | 29°21 | 20°14 | 10°D24 | 11°49 | 20°33 | 26°33 | S 22 |
| S 23 | 22 8 21 | 1°21'49 | 27°46 | 18°49 | 0 m 50 | 23°17 | 28°22 | 16°12 | 10°22 | 29°19 | 20°14 | 10°24 | 11°46 | 20°39 | 26°38 | S 23 |
| M24 | 22 12 17 | 2°19'14 | 128 1 | 18°40 | 2° 4 | 23°16 | 28°35 | 16°15 | 10°24 | 29°18 | 20°14 | 10°26 | 11°42 | 20°46 | 26°43 | M24 |
| T 25 | 22 16 14 | 3°16'40 | 26°14 | 18°D37 | 3°18 | 23°D15 | 28°48 | 16°19 | 10°26 | 29°16 | 20°13 | 10°27 | 11°39 | 20°53 | 26°48 | T 25 |
| W26 | 22 20 10 | 4°14'08 | 10 Ⅲ 24 | 18°40 | 4°32 | 23°15 | 29° 2 | 16°23 | 10°28 | 29°14 | 20°13 | 10°R27 | 11°36 | 21° 0 | 26°53 | W26 |
| T 27 | 22 24 7 | 5°11'36 | 24°29 | 18°49 | 5°46 | 23°16 | 29°15 | 16°26 | 10°30 | 29°13 | 20°13 | 10°25 | 11°33 | 21° 6 | 26°58 | T 27 |
| F 28 | 22 28 3 | 6° 9'06 | 8927 | 19° 5 | 7° 0 | 23°18 | 29°28 | 16°30 | 10°32 | 29°11 | 20°13 | 10°23 | 11°30 | 21°13 | 27° 3 | F 28 |
| S 29 | 22 32 0 | 7° 6'36 | 22°17 | 19°28 | 8°14 | 23°20 | 29°41 | 16°34 | 10°34 | 29°10 | 20°13 | 10°18 | 11°26 | 21°20 | 27° 8 | S 29 |
| S 30 | 22 35 56 | 8° 4'08 | 5 Ω 55 | 19°57 | 9°28 | 2 <u>3</u> °24 | 29°55 | 16°38 | 10°36 | 29° 8 | 20°D13 | 10°13 | 11°23 | 21°26 | 27°13 | S 30 |
| M31 | 22 39 53 | 9 m) 1'41 | 19 Ω 20 | 20 Ω 33 | 10 M 42 | 23 る 28 | 0 m y 8 | 16 M .42 | 10 M 39 | 29≈ 6 | 20 × 13 | 10☎ 8 | 11 ≏ 20 | 21 M 33 | 279518 | M31 |

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| T 1 | 22 43 50 | 9 m 59'15 | 2 Mp 30 | 21Ω15 | 11 Mp 56 | 23 る 33 | 0 m 21 | 16 M .47 | 10 M .41 | 29°R 5 | 20 х 13 | 10°R 4 | 11 ≏ 17 | 21 M 40 | 279523 | T 1 |
| W 2 | 22 47 46 | 10°56'49 | 15°25 | 22° 4 | 13°11 | 23°39 | 0°34 | 16°51 | 10°43 | 29≈ 3 | 20°13 | 10 ♀ 1 | 11°14 | 21°46 | 27°28 | W 2 |
| T 3 | 22 51 43 | 11°54'25 | 28° 4 | 22°59 | 14°25 | 23°45 | 0°47 | 16°55 | 10°46 | 29° 2 | 20°13 | 9°59 | 11°11 | 21°53 | 27°32 | T 3 |
| F 4 | 22 55 39 | 12°52'02 | 10 ≏ 28 | 24° 1 | 15°39 | 23°53 | 1° 1 | 17° 0 | 10°48 | 29° 0 | 20°13 | 9°D58 | 11° 7 | 22° 0 | 27°37 | F 4 |
| S 5 | 22 59 36 | 13°49'40 | 22°38 | 25° 8 | 16°53 | 24° 1 | 1°14 | 17° 4 | 10°50 | 28°58 | 20°14 | 9°59 | 11° 4 | 22° 6 | 27°42 | S 5 |
| S 6 | 23 3 32 | 14°47'18 | 4 M .38 | 26°22 | 18° 7 | 24°10 | 1°27 | 17° 9 | 10°53 | 28°57 | 20°14 | 10° 0 | 11° 1 | 22°13 | 27°46 | S 6 |
| M 7 | 23 7 29 | 15°44'58 | 16°31 | 27°41 | 19°21 | 24°20 | 1°40 | 17°13 | 10°55 | 28°55 | 20°14 | 10° 2 | 10°58 | 22°20 | 27°51 | M 7 |
| T 8 | 23 11 25 | 16°42'38 | 28°20 | 29° 5 | 20°35 | 24°31 | 1°53 | 17°18 | 10°58 | 28°54 | 20°14 | 10° 3 | 10°55 | 22°26 | 27°55 | T 8 |
| W 9 | 23 15 22 | 17°40'20 | 10 ∡ 12 | 0 m 35 | 21°50 | 24°42 | 2° 6 | 17°23 | 11° 0 | 28°52 | 20°15 | 10° 4 | 10°52 | 22°33 | 28° 0 | W 9 |
| T 10 | 23 19 19 | 18°38'02 | 2 <u>2</u> °11 | 2° 9 | 23° 4 | 24°54 | 2°19 | 17°28 | 11° 3 | 28°51 | 20°15 | 10°R 5 | 10°48 | 22°40 | 28° 4 | T 10 |
| F 11 | 23 23 15 | 19°35'45 | 4 る 20 | 3°47 | 24°18 | 25° 7 | 2°32 | 17°33 | 11° 6 | 28°49 | 20°15 | 10° 4 | 10°45 | 22°46 | 28° 9 | F 11 |
| S 12 | 23 27 12 | 20°33'29 | 16°46 | 5°29 | 25°32 | 25°21 | 2°45 | 17°38 | 11° 8 | 28°48 | 20°16 | 10° 2 | 10°42 | 22°53 | 28°13 | S 12 |
| S 13 | 23 31 8 | 21°31'15 | 29°30 | 7°15 | 26°46 | 25°35 | 2°58 | 17°43 | 11°11 | 28°46 | 20°16 | 10° 0 | 10°39 | 23° 0 | 28°17 | S 13 |
| M14 | 23 35 5 | 22°29'01 | 12 ≈ 37 | 9° 3 | 28° 0 | 25°50 | 3°11 | 17°48 | 11°14 | 28°45 | 20°17 | 9°58 | 10°36 | 23° 6 | 28°21 | M14 |
| T 15 | 23 39 1 | 23°26'49 | 26° 7 | 10°55 | 29°15 | 26° 6 | 3°24 | 17°53 | 11°17 | 28°43 | 20°17 | 9°55 | 10°32 | 23°13 | 28°25 | T 15 |
| W16 | 23 42 58 | 24°24'37 | 9 米 59 | 12°48 | 0 ჲ 29 | 26°22 | 3°36 | 17°58 | 11°20 | 28°42 | 20°18 | 9°53 | 10°29 | 23°20 | 28°29 | W16 |
| T 17 | 23 46 54 | 25°22'27 | 24°10 | 14°43 | 1°43 | 26°39 | 3°49 | 18° 3 | 11°22 | 28°40 | 20°18 | 9°52 | 10°26 | 23°26 | 28°33 | T 17 |
| F 18 | 23 50 51 | 26°20'18 | 8 Y 37 | 16°40 | 2°57 | 26°57 | 4° 2 | 18° 9 | 11°25 | 28°39 | 20°19 | 9°D52 | 10°23 | 23°33 | 28°37 | F 18 |
| S 19 | 23 54 47 | 27°18'11 | 23°13 | 18°37 | 4°12 | 27°15 | 4°15 | 18°14 | 11°28 | 28°38 | 20°20 | 9°52 | 10°20 | 23°40 | 28°41 | S 19 |
| S 20 | 23 58 44 | 28°16'05 | 7 8 53 | 20°35 | 5°26 | 27°33 | 4°27 | 18°20 | 11°31 | 28°36 | 20°20 | 9°53 | 10°17 | 23°46 | 28°45 | S 20 |
| M21 | 0 2 41 | 29°14'01 | 22°30 | 22°34 | 6°40 | 27°53 | 4°40 | 18°25 | 11°34 | 28°35 | 20°21 | 9°54 | 10°13 | 23°53 | 28°49 | M21 |
| T 22 | 0 637 | 0 ≏ 11'59 | 6 П 59 | 24°32 | 7°54 | 28°13 | 4°53 | 18°31 | 11°37 | 28°34 | 20°22 | 9°54 | 10°10 | 24° 0 | 28°53 | T 22 |
| W23 | 0 10 34 | 1° 9'58 | 21°17 | 26°31 | 9° 9 | 28°33 | 5° 5 | 18°37 | 11°40 | 28°32 | 20°23 | 9°55 | 10° 7 | 24° 6 | 28°56 | W23 |
| T 24 | 0 14 30 | 2° 8'00 | 5920 | 28°29 | 10°23 | 28°54 | 5°18 | 18°42 | 11°44 | 28°31 | 20°23 | 9°R55 | 10° 4 | 24°13 | 29° 0 | T 24 |
| F 25 | 0 18 27 | 3° 6'03 | 19° 8 | 0 <u>ჲ</u> 26 | 11°37 | 29°16 | 5°30 | 18°48 | 11°47 | 28°30 | 20°24 | 9°55 | 10° 1 | 24°20 | 29° 4 | F 25 |
| S 26 | 0 22 23 | 4° 4'08 | 2 Ω 40 | 2°23 | 12°51 | 29°38 | 5°43 | 18°54 | 11°50 | 28°28 | 20°25 | 9°54 | 9°58 | 24°27 | 29° 7 | S 26 |
| S 27 | 0 26 20 | 5° 2'15 | 15°57 | 4°19 | 14° 6 | 0≈ 1 | 5°55 | 19° 0 | 11°53 | 28°27 | 20°26 | 9°54 | 9°54 | 24°33 | 29°10 | S 27 |
| M28 | 0 30 16 | 6° 0'24 | 28°59 | 6°14 | 15°20 | 0°24 | 6° 7 | 19° 6 | 11°56 | 28°26 | 20°27 | 9°53 | 9°51 | 24°40 | 29°14 | M28 |
| T 29 | 0 34 13 | 6°58'34 | 11 M)46 | 8° 8 | 16°34 | 0°48 | 6°20 | 19°12 | 11°59 | 28°25 | 20°28 | 9°53 | 9°48 | 24°47 | 29°17 | T 29 |
| W30 | 0 38 10 | 7 ≏ 56'46 | 24 M 21 | 10 ♀ 1 | 17 ≏ 49 | 1≈12 | 6My 32 | 19 M .18 | 12 M 3 | 28≈24 | 20 × 29 | 9 ≙ 53 | 9 ≙ 45 | 24M53 | 299520 | W30 |

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OCTOBER 3485 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | В | U | v | Ç | ģ | Day |
|------|---------|------------------|----------------|-----------------|---------------|-------|---------------|----------------|-----------------|--------|----------------|---------------|---------------|-------|---------------|------|
| T 1 | 0 42 6 | 8₾55'00 | 6 ₽ 43 | 11 ≏ 53 | 19 ♀ 3 | 1≈37 | 6 m 44 | 19 M 24 | 12M 6 | 28°R22 | 20 × 30 | 9°D52 | 9 ≏ 42 | 25M 0 | 29523 | T 1 |
| F 2 | 0 46 3 | 9°53'15 | 18°55 | 13°44 | 20°17 | 2° 2 | 6°56 | 19°30 | 12° 9 | 28≈21 | 20°31 | 9°R52 | 9°38 | 25° 7 | 29°26 | F 2 |
| S 3 | 0 49 59 | 10°51'32 | 0 M 57 | 15°34 | 21°31 | 2°28 | 7° 8 | 19°36 | 12°13 | 28°20 | 20°32 | 9 ჲ 52 | 9°35 | 25°13 | 29°29 | S 3 |
| S 4 | 0 53 56 | 11°49'51 | 12°53 | 17°22 | 22°46 | 2°54 | 7°20 | 19°43 | 12°16 | 28°19 | 20°33 | 9°52 | 9°32 | 25°20 | 29°32 | S 4 |
| M 5 | 0 57 52 | 12°48'12 | 24°44 | 19°10 | 24° 0 | 3°21 | 7°32 | 19°49 | 12°19 | 28°18 | 20°34 | 9°52 | 9°29 | 25°27 | 29°35 | M 5 |
| T 6 | 1 1 49 | 13°46'33 | 6 ₹ 33 | 20°56 | 25°14 | 3°48 | 7°44 | 19°55 | 12°23 | 28°17 | 20°36 | 9°52 | 9°26 | 25°33 | 29°38 | T 6 |
| W 7 | 1 5 45 | 14°44'57 | 18°24 | 22°42 | 26°29 | 4°15 | 7°56 | 20° 2 | 12°26 | 28°16 | 20°37 | 9°51 | 9°23 | 25°40 | 29°41 | W 7 |
| T 8 | 1 9 42 | 15°43'22 | 0 ට 21 | 24°26 | 27°43 | 4°43 | 8° 8 | 20° 8 | 12°30 | 28°15 | 20°38 | 9°51 | 9°19 | 25°47 | 29°43 | T 8 |
| F 9 | 1 13 38 | 16°41'49 | 12°29 | 26° 9 | 28°57 | 5°12 | 8°20 | 20°15 | 12°33 | 28°14 | 20°39 | 9°D50 | 9°16 | 25°53 | 29°46 | F 9 |
| S 10 | 1 17 35 | 17°40'17 | 24°51 | 27°51 | 0 m 12 | 5°40 | 8°31 | 20°21 | 12°37 | 28°13 | 20°41 | 9°50 | 9°13 | 26° 0 | 29°48 | S 10 |
| S 11 | 1 21 32 | 18°38'46 | 7≈32 | 29°32 | 1°26 | 6° 9 | 8°43 | 20°28 | 12°40 | 28°12 | 20°42 | 9°51 | 9°10 | 26° 7 | 29°51 | S 11 |
| M12 | 1 25 28 | 19°37'17 | 20°36 | 1 M .12 | 2°40 | 6°39 | 8°54 | 20°34 | 12°44 | 28°11 | 20°43 | 9°52 | 9° 7 | 26°13 | 29°53 | M12 |
| T 13 | 1 29 25 | 20°35'50 | 4) 5 | 2°51 | 3°55 | 7° 9 | 9° 6 | 20°41 | 12°47 | 28°11 | 20°45 | 9°52 | 9° 3 | 26°20 | 29°55 | T 13 |
| W14 | 1 33 21 | 21°34'24 | 18° 1 | 4°29 | 5° 9 | 7°39 | 9°17 | 20°48 | 12°51 | 28°10 | 20°46 | 9°53 | 9° 0 | 26°27 | 29°58 | W14 |
| T 15 | 1 37 18 | 22°33'00 | 2 Υ 21 | 6° 6 | 6°23 | 8°10 | 9°29 | 20°55 | 12°55 | 28° 9 | 20°48 | 9°54 | 8°57 | 26°34 | 29°59 | T 15 |
| F 16 | 1 41 14 | 23°31'38 | 17° 3 | 7°42 | 7°38 | 8°41 | 9°40 | 21° 1 | 12°58 | 28° 8 | 20°49 | 9°R54 | 8°54 | 26°40 | 0 Ω 2 | F 16 |
| S 17 | 1 45 11 | 24°30'17 | 2 8 0 | 9°17 | 8°52 | 9°12 | 9°51 | 21° 8 | 13° 2 | 28° 8 | 20°51 | 9°53 | 8°51 | 26°47 | 0° 4 | S 17 |
| S 18 | 1 49 7 | 25°28'59 | 17° 4 | 10°51 | 10° 6 | 9°44 | 10° 2 | 21°15 | 13° 5 | 28° 7 | 20°52 | 9°52 | 8°48 | 26°54 | 0° 6 | S 18 |
| M19 | 1 53 4 | 26°27'42 | 2 II 5 | 12°24 | 11°21 | 10°15 | 10°13 | 21°22 | 13° 9 | 28° 6 | 20°54 | 9°50 | 8°44 | 27° 0 | 0° 7 | M19 |
| T 20 | 1 57 1 | 27°26'28 | 16°56 | 13°56 | 12°35 | 10°48 | 10°24 | 21°29 | 13°13 | 28° 6 | 20°55 | 9°48 | 8°41 | 27° 7 | 0° 9 | T 20 |
| W21 | 2 0 57 | 28°25'16 | 1930 | 15°28 | 13°49 | 11°20 | 10°35 | 21°36 | 13°16 | 28° 5 | 20°57 | 9°46 | 8°38 | 27°14 | 0°11 | W21 |
| T 22 | 2 4 54 | 29°24'06 | 15°42 | 16°58 | 15° 4 | 11°53 | 10°45 | 21°42 | 13°20 | 28° 4 | 20°59 | 9°44 | 8°35 | 27°20 | 0°12 | T 22 |
| F 23 | 2 8 50 | 0 M 22'58 | 29°31 | 18°28 | 16°18 | 12°26 | 10°56 | 21°49 | 13°24 | 28° 4 | 21° 0 | 9°D44 | 8°32 | 27°27 | 0°14 | F 23 |
| S 24 | 2 12 47 | 1°21'52 | 12 N 56 | 19°56 | 17°32 | 13° 0 | 11° 7 | 21°56 | 13°28 | 28° 3 | 21° 2 | 9°44 | 8°29 | 27°34 | 0°15 | S 24 |
| S 25 | 2 16 43 | 2°20'49 | 26° 1 | 21°24 | 18°47 | 13°33 | 11°17 | 22° 3 | 13°31 | 28° 3 | 21° 4 | 9°45 | 8°25 | 27°40 | 0°17 | S 25 |
| M26 | 2 20 40 | 3°19'47 | 8 M)47 | 22°51 | 20° 1 | 14° 7 | 11°28 | 22°11 | 13°35 | 28° 2 | 21° 5 | 9°47 | 8°22 | 27°47 | 0°18 | M26 |
| T 27 | 2 24 36 | 4°18'48 | 21°17 | 24°17 | 21°15 | 14°41 | 11°38 | 22°18 | 13°39 | 28° 2 | 21° 7 | 9°48 | 8°19 | 27°54 | 0°19 | T 27 |
| W28 | 2 28 33 | 5°17'51 | 3 ₾ 35 | 25°42 | 22°30 | 15°16 | 11°48 | 22°25 | 13°43 | 28° 1 | 21° 9 | 9°49 | 8°16 | 28° 0 | 0°20 | W28 |
| T 29 | 2 32 30 | 6°16'57 | 15°43 | 27° 5 | 23°44 | 15°51 | 11°58 | 22°32 | 13°46 | 28° 1 | 21°11 | 9°R49 | 8°13 | 28° 7 | 0°21 | T 29 |
| F 30 | 2 36 26 | 7°16'04 | 27°43 | 28°28 | 24°58 | 16°26 | 12° 8 | 22°39 | 13°50 | 28° 1 | 21°13 | 9°48 | 8° 9 | 28°14 | 0°22 | F 30 |
| S 31 | 2 40 23 | 8ML15'13 | 9 M .38 | 29 IL 50 | 26Ml3 | 17≈ 1 | 12 Mp 18 | 22 M 46 | 13 M .54 | 28≈ 0 | 21 × 14 | 9 ≏ 45 | 8 호 6 | 28M21 | 0 Ω 23 | S 31 |

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NOVEMBER 3485 00:00 UT

| Day | Sid.t | 0 | D | ğ | P | ð | 4 | ħ |)∤(| \ | Р | ₽. | ß | Ç | ę, | Day |
|------|---------|-----------------|----------------|----------------|----------------|---------------|----------------|-------|-----------------|--------------|----------------|---------------|---------------|----------------|---------------|------|
| S 1 | 2 44 19 | 9ML14'24 | 21 M 30 | 1 / 11 | 27 M 27 | 17≈37 | 12 Mp 28 | 22M53 | 13 M .58 | 28°R 0 | 21 × 16 | 9°R41 | 8 ₾ 3 | 28 M 27 | 0 Ω 23 | S 1 |
| M 2 | 2 48 16 | 10°13'37 | 3 ₹ 20 | 2°31 | 28°41 | 18°12 | 12°38 | 23° 0 | 14° 1 | 28≈ 0 | 21°18 | 9 ॒ 36 | 8° 0 | 28°34 | 0°24 | M 2 |
| T 3 | 2 52 12 | 11°12'52 | 15°10 | 3°49 | 29°56 | 18°48 | 12°47 | 23° 8 | 14° 5 | 28° 0 | 21°20 | 9°30 | 7°57 | 28°41 | 0°24 | T 3 |
| W 4 | 2 56 9 | 12°12'09 | 27° 2 | 5° 6 | 1 才 10 | 19°25 | 12°57 | 23°15 | 14° 9 | 28° 0 | 21°22 | 9°24 | 7°54 | 28°47 | 0°25 | W 4 |
| T 5 | 3 0 5 | 13°11'28 | 9 ਰ 1 | 6°22 | 2°24 | 20° 1 | 13° 6 | 23°22 | 14°13 | 27°59 | 21°24 | 9°19 | 7°50 | 28°54 | 0°25 | T 5 |
| F 6 | 3 4 2 | 14°10'48 | 21° 8 | 7°37 | 3°38 | 20°38 | 13°16 | 23°29 | 14°17 | 27°59 | 21°26 | 9°15 | 7°47 | 29° 1 | 0°26 | F 6 |
| S 7 | 3 7 59 | 15°10'10 | 3≈27 | 8°50 | 4°53 | 21°15 | 13°25 | 23°37 | 14°20 | 27°59 | 21°28 | 9°13 | 7°44 | 29° 7 | 0°26 | S 7 |
| S 8 | 3 11 55 | 16° 9'34 | 16° 3 | 10° 1 | 6° 7 | 21°52 | 13°34 | 23°44 | 14°24 | 27°59 | 21°30 | 9°D12 | 7°41 | 29°14 | 0°26 | S 8 |
| M 9 | 3 15 52 | 17° 8'59 | 28°59 | 11°10 | 7°21 | 22°29 | 13°43 | 23°51 | 14°28 | 27°D59 | 21°32 | 9°13 | 7°38 | 29°21 | 0°R26 | M 9 |
| T 10 | 3 19 48 | 18° 8'27 | 12 米 20 | 12°18 | 8°36 | 23° 6 | 13°52 | 23°59 | 14°32 | 27°59 | 21°34 | 9°14 | 7°35 | 29°27 | 0°26 | T 10 |
| W1 1 | 3 23 45 | 19° 7'55 | 26° 8 | 13°23 | 9°50 | 23°44 | 14° 0 | 24° 6 | 14°35 | 27°59 | 21°36 | 9°16 | 7°31 | 29°34 | 0°26 | W11 |
| T 12 | 3 27 41 | 20° 7'26 | 10 Y 23 | 14°26 | 11° 4 | 24°22 | 14° 9 | 24°13 | 14°39 | 27°59 | 21°38 | 9°R16 | 7°28 | 29°41 | 0°26 | T 12 |
| F 13 | 3 31 38 | 21° 6'58 | 25° 5 | 15°27 | 12°19 | 25° 0 | 14°17 | 24°20 | 14°43 | 28° 0 | 21°40 | 9°15 | 7°25 | 29°48 | 0°25 | F 13 |
| S 14 | 3 35 34 | 22° 6'32 | 108 7 | 16°24 | 13°33 | 25°38 | 14°26 | 24°28 | 14°47 | 28° 0 | 21°42 | 9°12 | 7°22 | 29°54 | 0°25 | S 14 |
| S 15 | 3 39 31 | 23° 6'07 | 25°23 | 17°19 | 14°47 | 26°16 | 14°34 | 24°35 | 14°51 | 28° 0 | 21°45 | 9° 7 | 7°19 | 0 √ 1 | 0°24 | S 15 |
| M16 | 3 43 27 | 24° 5'45 | 10 Ⅱ 41 | 18°10 | 16° 1 | 26°55 | 14°42 | 24°42 | 14°54 | 28° 0 | 21°47 | 9° 1 | 7°15 | 0° 8 | 0°24 | M16 |
| T 17 | 3 47 24 | 25° 5'25 | 25°51 | 18°57 | 17°16 | 27°34 | 14°50 | 24°50 | 14°58 | 28° 0 | 21°49 | 8°54 | 7°12 | 0°14 | 0°23 | T 17 |
| W18 | 3 51 21 | 26° 5'07 | 109542 | 19°40 | 18°30 | 28°12 | 14°58 | 24°57 | 15° 2 | 28° 1 | 21°51 | 8°47 | 7° 9 | 0°21 | 0°22 | W18 |
| T 19 | 3 55 17 | 27° 4'51 | 25° 9 | 20°19 | 19°44 | 28°51 | 15° 6 | 25° 4 | 15° 5 | 28° 1 | 21°53 | 8°41 | 7° 6 | 0°28 | 0°22 | T 19 |
| F 20 | 3 59 14 | 28° 4'37 | 9Ω 7 | 20°52 | 20°58 | 29°30 | 15°13 | 25°12 | 15° 9 | 28° 1 | 21°55 | 8°38 | 7° 3 | 0°34 | 0°21 | F 20 |
| S 21 | 4 3 10 | 29° 4'26 | 22°36 | 21°19 | 22°13 | 0 ∺ 10 | 15°21 | 25°19 | 15°13 | 28° 2 | 21°58 | 8°36 | 7° 0 | 0°41 | 0°20 | S 21 |
| S 22 | 4 7 7 | 0 ₮ 4'16 | 5 m 39 | 21°40 | 23°27 | 0°49 | 15°28 | 25°26 | 15°17 | 28° 2 | 22° 0 | 8°D36 | 6°56 | 0°48 | 0°19 | S 22 |
| M23 | 4 11 3 | 1° 4'09 | 18°19 | 21°54 | 24°41 | 1°29 | 15°35 | 25°34 | 15°20 | 28° 3 | 22° 2 | 8°37 | 6°53 | 0°55 | 0°17 | M23 |
| T 24 | 4 15 0 | 2° 4'03 | 0 <u>ჲ</u> 40 | 22°R 1 | 25°56 | 2° 8 | 15°42 | 25°41 | 15°24 | 28° 3 | 22° 4 | 8°38 | 6°50 | 1° 1 | 0°16 | T 24 |
| W25 | 4 18 57 | 3° 4'00 | 12°48 | 22° 0 | 27°10 | 2°48 | 15°49 | 25°48 | 15°28 | 28° 4 | 22° 7 | 8°R38 | 6°47 | 1° 8 | 0°15 | W25 |
| T 26 | 4 22 53 | 4° 3'59 | 24°47 | 21°49 | 28°24 | 3°28 | 15°56 | 25°56 | 15°31 | 28° 4 | 22° 9 | 8°36 | 6°44 | 1°15 | 0°13 | T 26 |
| F 27 | 4 26 50 | 5° 4'00 | 6 M .40 | 21°30 | 29°38 | 4° 8 | 16° 2 | 26° 3 | 15°35 | 28° 5 | 22°11 | 8°33 | 6°40 | 1°21 | 0°12 | F 27 |
| S 28 | 4 30 46 | 6° 4'02 | 18°30 | 21° 0 | 0 궁 53 | 4°48 | 16° 9 | 26°10 | 15°39 | 28° 6 | 22°14 | 8°26 | 6°37 | 1°28 | 0°10 | S 28 |
| S 29 | 4 34 43 | 7° 4'07 | 0 х 20 | 20°22 | 2° 7 | 5°29 | 16°15 | 26°17 | 15°42 | 28° 6 | 22°16 | 8°17 | 6°34 | 1°35 | 0° 9 | S 29 |
| M30 | 4 38 39 | 8 ∡ 4'13 | 12 √ 11 | 19 × 33 | 3 ට 21 | 6 ∺ 9 | 16 m 21 | 26M25 | 15 M .46 | 28≈ 7 | 22 × 18 | 8 쇼 6 | 6 ₽ 31 | 1 ∤7 41 | 0 Ω 7 | M30 |

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DECEMBER 3485 00:00 UT

| Day | Sid.t | \odot | D | φ | φ | o ⁷ | 24 | ħ |)ұ(| ¥ | 5 | ß | Ω | ţ | δ | Day |
|------|---------|-------------------|----------------|-----------------|----------------|------------------|-----------------|----------------|-----------------|----------------|-----------------|---------------|---------------|---------------|--------------|------|
| T 1 | 4 42 36 | 9 ∡¹ 4'22 | 24 × 5 | 18°R35 | 4 る 35 | 6 ¥ 49 | 16 M)27 | 26M32 | 15 M .49 | 28≈ 8 | 22 × 120 | 7°R54 | 6 ₽ 28 | 1 才 48 | 0°R 5 | T 1 |
| W 2 | 4 46 32 | 10° 4'32 | 6 ප 3 | 17 , 730 | 5°49 | 7°30 | 16°33 | 26°39 | 15°53 | 28° 8 | 22°23 | 7 ≏ 41 | 6°25 | 1°55 | 0 Ω 3 | W 2 |
| T 3 | 4 50 29 | 11° 4'43 | 18° 8 | 16°17 | 7° 4 | 8°11 | 16°39 | 26°46 | 15°56 | 28° 9 | 22°25 | 7°30 | 6°21 | 2° 1 | 0° 1 | T 3 |
| F 4 | 4 54 26 | 12° 4'56 | 0≈20 | 15° 0 | 8°18 | 8°52 | 16°44 | 26°53 | 16° 0 | 28°10 | 22°28 | 7°21 | 6°18 | 2° 8 | 299559 | F 4 |
| S 5 | 4 58 22 | 13° 5'10 | 12°42 | 13°40 | 9°32 | 9°33 | 16°49 | 27° 0 | 16° 3 | 28°11 | 22°30 | 7°14 | 6°15 | 2°15 | 29°57 | S 5 |
| S 6 | 5 2 19 | 14° 5'26 | 25°17 | 12°20 | 10°46 | 10°14 | 16°55 | 27° 8 | 16° 7 | 28°12 | 22°32 | 7°10 | 6°12 | 2°22 | 29°55 | S 6 |
| M 7 | 5 6 15 | 15° 5'44 | 8 米 9 | 11° 3 | 12° 1 | 10°55 | 17° 0 | 27°15 | 16°10 | 28°13 | 22°35 | 7° 8 | 6° 9 | 2°28 | 29°53 | M 7 |
| T 8 | 5 10 12 | 16° 6'02 | 21°22 | 9°51 | 13°15 | 11°36 | 17° 5 | 27°22 | 16°14 | 28°14 | 22°37 | 7°D 8 | 6° 6 | 2°35 | 29°50 | T 8 |
| W 9 | 5 14 8 | 17° 6'22 | 4Υ 58 | 8°46 | 14°29 | 12°18 | 17° 9 | 27°29 | 16°17 | 28°15 | 22°39 | 7°R 8 | 6° 2 | 2°42 | 29°48 | W 9 |
| T 10 | 5 18 5 | 18° 6'43 | 18°59 | 7°50 | 15°43 | 12°59 | 17°14 | 27°36 | 16°20 | 28°16 | 22°42 | 7° 8 | 5°59 | 2°48 | 29°45 | T 10 |
| F 11 | 5 22 1 | 19° 7'05 | 3 8 27 | 7° 5 | 16°57 | 13°40 | 17°18 | 27°43 | 16°24 | 28°17 | 22°44 | 7° 6 | 5°56 | 2°55 | 29°43 | F 11 |
| S 12 | 5 25 58 | 20° 7'29 | 18°19 | 6°31 | 18°11 | 14°22 | 17°22 | 27°50 | 16°27 | 28°18 | 22°46 | 7° 1 | 5°53 | 3° 2 | 29°40 | S 12 |
| S 13 | 5 29 55 | 21° 7'54 | 3 Ⅱ 28 | 6° 9 | 19°25 | 15° 4 | 17°26 | 27°57 | 16°30 | 28°19 | 22°49 | 6°53 | 5°50 | 3° 8 | 29°37 | S 13 |
| M14 | 5 33 51 | 22° 8'21 | 18°44 | 5°D58 | 20°40 | 15°45 | 17°30 | 28° 4 | 16°34 | 28°20 | 22°51 | 6°43 | 5°46 | 3°15 | 29°35 | M14 |
| T 15 | 5 37 48 | 23° 8'49 | 3 9 58 | 5°59 | 21°54 | 16°27 | 17°34 | 28°11 | 16°37 | 28°21 | 22°54 | 6°32 | 5°43 | 3°22 | 29°32 | T 15 |
| W16 | 5 41 44 | 24° 9'18 | 18°58 | 6°10 | 23° 8 | 17° 9 | 17°37 | 28°17 | 16°40 | 28°23 | 22°56 | 6°21 | 5°40 | 3°29 | 29°29 | W16 |
| T 17 | 5 45 41 | 25° 9'49 | 3 Ω 35 | 6°31 | 24°22 | 17°51 | 17°40 | 28°24 | 16°43 | 28°24 | 22°58 | 6°11 | 5°37 | 3°35 | 29°26 | T 17 |
| F 18 | 5 49 37 | 26°10'22 | 17°44 | 7° 1 | 25°36 | 18°33 | 17°43 | 28°31 | 16°47 | 28°25 | 23° 1 | 6° 4 | 5°34 | 3°42 | 29°23 | F 18 |
| S 19 | 5 53 34 | 27°10'56 | 1 Mp 21 | 7°39 | 26°50 | 19°15 | 17°46 | 28°38 | 16°50 | 28°26 | 23° 3 | 5°59 | 5°31 | 3°49 | 29°20 | S 19 |
| S 20 | 5 57 30 | 28°11'32 | 14°30 | 8°24 | 28° 4 | 19°57 | 17°49 | 28°45 | 16°53 | 28°28 | 23° 5 | 5°57 | 5°27 | 3°55 | 29°17 | S 20 |
| M21 | 6 1 27 | 2 <u>9</u> °12'09 | 27°12 | 9°15 | 29°18 | 20°39 | 17°52 | 28°51 | 16°56 | 28°29 | 23° 8 | 5°56 | 5°24 | 4° 2 | 29°14 | M21 |
| T 22 | 6 5 24 | 0 궁 12'48 | 9 ≙ 34 | 10°12 | 0≈32 | 21°21 | 17°54 | 28°58 | 16°59 | 28°30 | 23°10 | 5°56 | 5°21 | 4° 9 | 29°10 | T 22 |
| W23 | 6 9 20 | 1°13'29 | 21°40 | 11°14 | 1°46 | 22° 4 | 17°56 | 29° 4 | 17° 2 | 28°32 | 23°12 | 5°56 | 5°18 | 4°15 | 29° 7 | W23 |
| T 24 | 6 13 17 | 2°14'11 | 3M36 | 12°20 | 3° 0 | 22°46 | 17°58 | 29°11 | 17° 5 | 28°33 | 23°15 | 5°53 | 5°15 | 4°22 | 29° 4 | T 24 |
| F 25 | 6 17 13 | 3°14'54 | 15°26 | 13°30 | 4°14 | 23°28 | 18° 0 | 29°18 | 17° 8 | 28°35 | 23°17 | 5°48 | 5°12 | 4°29 | 29° 0 | F 25 |
| S 26 | 6 21 10 | 4°15'39 | 27°14 | 14°43 | 5°28 | 24°11 | 18° 2 | 29°24 | 17°11 | 28°36 | 23°20 | 5°40 | 5° 8 | 4°36 | 28°57 | S 26 |
| S 27 | 6 25 6 | 5°16'25 | 9 才 5 | 15°58 | 6°42 | 24°53 | 18° 3 | 29°30 | 17°13 | 28°38 | 23°22 | 5°29 | 5° 5 | 4°42 | 28°53 | S 27 |
| M28 | 6 29 3 | 6°17'13 | 20°59 | 17°16 | 7°56 | 25°36 | 18° 4 | 29°37 | 17°16 | 28°39 | 23°24 | 5°15 | 5° 2 | 4°49 | 28°50 | M28 |
| T 29 | 6 32 59 | 7°18'01 | 3 ට 0 | 18°36 | 9°10 | 26°18 | 18° 5 | 29°43 | 17°19 | 28°41 | 23°27 | 5° 1 | 4°59 | 4°56 | 28°46 | T 29 |
| W30 | 6 36 56 | 8°18'51 | 15° 8 | 19°58 | 10°23 | 27° 1 | 18° 6 | 29°49 | 17°22 | 28°42 | 23°29 | 4°46 | 4°56 | 5° 2 | 28°43 | W30 |
| T 31 | 6 40 53 | 9 る 19'42 | 27 る 24 | 21 ~ 21 | 11 ≈ 37 | 27) (44 | 18 m) 7 | 29 M 56 | 17 M 24 | 28 ≈ 44 | 23 × 31 | 4 ₾ 32 | 4 ≏ 52 | 5 ₹ 9 | 28939 | T 31 |

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JANUARY 3486 00:00 UT

| Day | Sid.t | 0 | D | ğ | P | ð | 4 | ħ |)f(| ¥ | В | ß | ß | ţ | ę, | Day |
|--------------|--------------------|----------------------|-------------------------|-----------------|-----------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|---------------|---------------|----------------|----------------|--------------|
| F 1 | 6 44 49 | 10る20'33 | 9≈49 | 22 × 145 | 12≈51 | 28) 27 | 18 M) 7 | 0 √ 2 | 17 M 27 | 28≈46 | 23 × 33 | 4°R20 | 4 Ω 49 | 5 ₹ 16 | 28°R35 | F 1 |
| S 2 | 6 48 46 | 11°21'26 | 22°23 | 24°11 | 14° 5 | 29° 9 | 18° 7 | 0° 8 | 17°30 | 28°47 | 23°36 | 4 ≏ 11 | 4°46 | 5°23 | 28931 | S 2 |
| S 3 | 6 52 42 | 12°22'19 | 5 ∺ 7 | 25°37 | 15°19 | 29°52 | 18°R 7 | 0°14 | 17°32 | 28°49 | 23°38 | 4° 6 | 4°43 | 5°29 | 28°28 | S 3 |
| M 4 | 6 56 39 | 13°23'13 | 18° 5 | 27° 4 | 16°32 | 0 Ƴ 35 | 18° 7 | 0°20 | 17°35 | 28°51 | 23°40 | 4° 3 | 4°40 | 5°36 | 28°24 | M 4 |
| T 5 | 7 0 35 | 14°24'07 | 1 Υ 18 | 28°32 | 17°46 | 1°18 | 18° 7 | 0°26 | 17°37 | 28°52 | 23°43 | 4°D 2 | 4°37 | 5°43 | 28°20 | T 5 |
| W 6 | 7 4 32 | 15°25'02 | 14°48 | 0 중 0 | 19° 0 | 2° 1 | 18° 6 | 0°32 | 17°40 | 28°54 | 23°45 | 4°R 2 | 4°33 | 5°49 | 28°16 | W 6 |
| T 7 | 7 8 28 | 16°25'58 | 28°38 | 1°29 | 20°13 | 2°44 | 18° 6 | 0°38 | 17°42 | 28°56 | 23°47 | 4° 2 | 4°30 | 5°56 | 28°12 | T 7 |
| F 8 | 7 12 25 | 17°26'54 | 12850 | 2°59 | 21°27 | 3°26 | 18° 5 | 0°44 | 17°45 | 28°58 | 23°49 | 3°59 | 4°27 | 6° 3 | 28° 8 | F 8 |
| S 9 | 7 16 22 | 18°27'50 | 27°21 | 4°28 | 22°41 | 4° 9 | 18° 4 | 0°49 | 17°47 | 29° 0 | 23°51 | 3°55 | 4°24 | 6° 9 | 28° 4 | S 9 |
| S 10 | 7 20 18 | 19°28'47 | 12 II 8 | 5°59 | 23°54 | 4°52 | 18° 2 | 0°55 | 17°49 | 29° 1 | 23°54 | 3°47 | 4°21 | 6°16 | 28° 1 | S 10 |
| M11 | 7 24 15 | 20°29'44 | 27° 6 | 7°29 | 25° 8 | 5°35 | 18° 1 | 1° 1 | 17°51 | 29° 3 | 23°56 | 3°38 | 4°18 | 6°23 | 27°57 | M11 |
| T 12 | 7 28 11 | 21°30'42 | 1295 5 | 9° 0 | 26°21 | 6°18 | 17°59 | 1° 6 | 17°54 | 29° 5 | 23°58 | 3°26 | 4°14 | 6°30 | 27°53 | T 12 |
| W13 | 7 32 8 | 22°31'41 | 26°55 | 10°31 12° 3 | 27°34 28°48 | 7° 1 | 17°57 | 1°12 | 17°56 | 29° 7 29° 9 | 24° 0 | 3°15 3° 5 | 4°11 | 6°36 | 27°49 27°45 | W13 |
| T 14 F 15 | 7 36 4 7 40 1 | 23°32'40 24°33'40 | 11 Ω 28 25°38 | 12° 3 | 28°48 0 ₩ 1 | 7°44 8°28 | 17°55 17°53 | 1°17 1°22 | 17°58 18° 0 | 29° 9 29°11 | 24° 2 24° 4 | 2°58 | 4° 8 4° 5 | 6°43 6°50 | 27°45 27°41 | T 14 F 15 |
| S 16 | 7 43 58 | 25°34'40 | 25 38 9 m)20 | 15° 6 | 1°14 | 9°11 | 17°50 | 1°28 | 18° 2 | 29°13 | 24° 7 | 2°53 | 4° 2 | 6°56 | 27°36 | S 16 |
| | | | - | | | - | | | | | | | | | | |
| S 17 | 7 47 54 | 26°35'41 | 22°34 | 16°38 | 2°28 | 9°54 | 17°48 | 1°33 | 18° 4 | 29°15 29°17 | 24° 9 | 2°51 | 3°58 | 7° 3 | 27°32 | S 17 |
| M18 T 19 | 7 51 51 7 55 47 | 27°36'42 28°37'44 | 5 ≙ 22 17°48 | 18°11 19°44 | 3°41 4°54 | 10°37 11°20 | 17°45 17°42 | 1°38 1°43 | 18° 6 18° 8 | 29°17 29°19 | 24°11 24°13 | 2°D50 2°51 | 3°55 3°52 | 7°10 7°17 | 27°28 27°24 | M18 T 19 |
| W20 | 7 59 44 | 28 37 44 29°38'47 | 29°57 | 21°17 | 6° 7 | 12° 3 | 17°38 | 1°48 | 18° 9 | 29°21 | 24°15 | 2°R51 | 3°49 | 7°23 | 27°20 | W20 |
| T 21 | 8 3 40 | 0 ≈ 39'51 | 11 ML 55 | 22°50 | 7°20 | 12°46 | 17°35 | 1°53 | 18°11 | 29°23 | 24°17 | 2°50 | 3°46 | 7°30 | 27°16 | T 21 |
| F 22 | 8 7 37 | 1°40'55 | 23°46 | 24°24 | 8°33 | 13°29 | 17°31 | 1°58 | 18°13 | 29°25 | 24°19 | 2°47 | 3°43 | 7°37 | 27°12 | F 22 |
| S 23 | 8 11 33 | 2°41'59 | 5 ₹ 35 | 25°57 | 9°46 | 14°12 | 17°28 | 2° 3 | 18°14 | 29°27 | 24°21 | 2°42 | 3°39 | 7°43 | 27° 8 | S 23 |
| S 24 | 8 15 30 | 3°43'05 | 17°28 | 27°32 | 10°59 | 14°56 | 17°24 | 2° 7 | 18°16 | 29°29 | 24°23 | 2°35 | 3°36 | 7°50 | 27° 4 | S 24 |
| M25 | 8 19 27 | 4°44'10 | 29°27 | 29° 6 | 10°12 | 15°39 | 17°19 | 2°12 | 18°18 | 29°31 | 24°25 | 2°25 | 3°33 | 7°57 | 27° 0 | M25 |
| T 26 | 8 23 23 | 5°45'16 | 11 중 35 | 0≈41 | 13°25 | 16°22 | 17°15 | 2°16 | 18°19 | 29°33 | 24°27 | 2°14 | 3°30 | 8° 4 | 26°56 | T 26 |
| W27 | 8 27 20 | 6°46'22 | 23°53 | 2°16 | 14°37 | 17° 5 | 17°11 | 2°21 | 18°20 | 29°35 | 24°29 | 2° 3 | 3°27 | 8°10 | 26°52 | W27 |
| T 28 | 8 31 16 | 7°47'28 | 6≈23 | 3°51 | 15°50 | 17°48 | 17° 6 | 2°25 | 18°22 | 29°38 | 24°30 | 1°52 | 3°24 | 8°17 | 26°48 | T 28 |
| F 29 | 8 35 13 | 8°48'34 | 19° 5 | 5°27 | 17° 3 | 18°31 | 17° 1 | 2°30 | 18°23 | 29°40 | 24°32 | 1°43 | 3°20 | 8°24 | 26°44 | F 29 |
| S 30 | 8 39 9 | 9°49'40 | 1 ∺ 58 | 7° 4 | 18°15 | 19°15 | 16°56 | 2°34 | 18°24 | 29°42 | 24°34 | 1°37 | 3°17 | 8°30 | 26°40 | S 30 |
| S 31 | 8 43 6 | 10≈50'45 | 15 米 3 | 8≈40 | 19 ∺ 28 | 19 Y 58 | 16 M 51 | 2 ₹ 38 | 18 M L26 | 29≈44 | 24 ∡ ³36 | 1 ≏ 33 | 3 ≏ 14 | 8 ∡ ³37 | 26937 | S 31 |

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|------|----------|------------------|----------------|----------------|-----------------|----------------|-----------------|---------------|----------------|-----------------|----------------|---------------|---------------|----------------|--------|------|
| M 1 | 8 47 2 | 11≈51'51 | 28) 18 | 10≈17 | 20) (40 | 20 Υ 41 | 16°R46 | 2 ₹ 42 | 18 M 27 | 29≈46 | 24 × 38 | 1°D32 | 3 ≏ 11 | 8 才 44 | 26°R33 | M 1 |
| T 2 | 8 50 59 | 12°52'56 | 11 Y 45 | 11°55 | 21°52 | 21°24 | 16 M p40 | 2°46 | 18°28 | 29°48 | 24°39 | 1 ≏ 32 | 3° 8 | 8°50 | 269529 | T 2 |
| W 3 | 8 54 56 | 13°54'01 | 25°23 | 13°33 | 23° 5 | 22° 7 | 16°35 | 2°50 | 18°29 | 29°51 | 24°41 | 1°33 | 3° 4 | 8°57 | 26°25 | W 3 |
| T 4 | 8 58 52 | 14°55'05 | 9 8 14 | 15°11 | 24°17 | 22°50 | 16°29 | 2°54 | 18°30 | 29°53 | 24°43 | 1°R34 | 3° 1 | 9° 4 | 26°21 | T 4 |
| F 5 | 9 2 49 | 15°56'09 | 23°17 | 16°50 | 25°29 | 23°34 | 16°23 | 2°57 | 18°31 | 29°55 | 24°45 | 1°34 | 2°58 | 9°11 | 26°17 | F 5 |
| S 6 | 9 6 45 | 16°57'12 | 7∏32 | 18°29 | 26°41 | 24°17 | 16°17 | 3° 1 | 18°32 | 29°57 | 24°46 | 1°32 | 2°55 | 9°17 | 26°14 | S 6 |
| S 7 | 9 10 42 | 17°58'15 | 21°56 | 20° 9 | 27°53 | 25° 0 | 16°11 | 3° 4 | 18°33 | 29°59 | 24°48 | 1°28 | 2°52 | 9°24 | 26°10 | S 7 |
| M 8 | 9 14 38 | 18°59'17 | 69526 | 21°49 | 29° 4 | 25°43 | 16° 4 | 3° 8 | 18°34 | 0 ∺ 2 | 24°49 | 1°23 | 2°49 | 9°31 | 26° 6 | M 8 |
| T 9 | 9 18 35 | 20° 0'19 | 20°57 | 23°30 | 0 Υ 16 | 26°26 | 15°58 | 3°11 | 18°34 | 0° 4 | 24°51 | 1°16 | 2°45 | 9°37 | 26° 3 | T 9 |
| W10 | 9 22 31 | 21° 1'20 | 5 Ω 21 | 25°11 | 1°28 | 27° 9 | 15°51 | 3°14 | 18°35 | 0° 6 | 24°53 | 1° 9 | 2°42 | 9°44 | 25°59 | W10 |
| T 11 | 9 26 28 | 22° 2'20 | 19°34 | 26°53 | 2°39 | 27°52 | 15°45 | 3°18 | 18°36 | 0° 9 | 24°54 | 1° 3 | 2°39 | 9°51 | 25°56 | T 11 |
| F 12 | 9 30 25 | 23° 3'20 | 3 m 29 | 28°35 | 3°51 | 28°35 | 15°38 | 3°21 | 18°36 | 0°11 | 24°56 | 0°59 | 2°36 | 9°58 | 25°52 | F 12 |
| S 13 | 9 34 21 | 24° 4'19 | 17° 3 | 0 ∺ 18 | 5° 2 | 29°18 | 15°31 | 3°24 | 18°37 | 0°13 | 24°57 | 0°56 | 2°33 | 10° 4 | 25°49 | S 13 |
| S 14 | 9 38 18 | 25° 5'18 | 0 ჲ 15 | 2° 0 | 6°13 | 0 8 1 | 15°24 | 3°27 | 18°37 | 0°15 | 24°58 | 0°D55 | 2°30 | 10°11 | 25°46 | S 14 |
| M15 | 9 42 14 | 26° 6'17 | 13° 4 | 3°44 | 7°24 | 0°44 | 15°17 | 3°29 | 18°37 | 0°18 | 25° 0 | 0°56 | 2°26 | 10°18 | 25°42 | M15 |
| T 16 | 9 46 11 | 27° 7'15 | 25°34 | 5°27 | 8°35 | 1°27 | 15°10 | 3°32 | 18°38 | 0°20 | 25° 1 | 0°57 | 2°23 | 10°24 | 25°39 | T 16 |
| W17 | 9 50 7 | 28° 8'12 | 7 M 47 | 7°11 | 9°46 | 2°10 | 15° 2 | 3°35 | 18°38 | 0°22 | 25° 3 | 0°59 | 2°20 | 10°31 | 25°36 | W17 |
| T 18 | | 29° 9'10 | 19°47 | 8°55 | 10°57 | 2°53 | 14°55 | 3°37 | 18°38 | 0°24 | 25° 4 | 1° 0 | 2°17 | 10°38 | 25°33 | T 18 |
| F 19 | | 0 ∺ 10'07 | 1 √ 41 | 10°38 | 12° 7 | 3°36 | 14°48 | 3°39 | 18°38 | 0°27 | 25° 5 | 1°R 1 | 2°14 | 10°45 | 25°30 | F 19 |
| S 20 | 10 1 57 | 1°11'03 | 13°32 | 12°22 | 13°18 | 4°19 | 14°40 | 3°42 | 18°39 | 0°29 | 25° 6 | 1° 0 | 2°10 | 10°51 | 25°27 | S 20 |
| S 21 | 10 5 54 | 2°11'59 | 25°26 | 14° 5 | 14°28 | 5° 2 | 14°32 | 3°44 | 18°39 | 0°31 | 25° 8 | 0°58 | 2° 7 | 10°58 | 25°24 | S 21 |
| M22 | | 3°12'54 | 7 云 28 | 15°48 | 15°39 | 5°45 | 14°25 | 3°46 | 18°R39 | 0°34 | 25° 9 | 0°54 | 2° 4 | 11° 5 | 25°21 | M22 |
| T 23 | 10 13 47 | 4°13'49 | 19°40 | 17°30 | 16°49 | 6°28 | 14°17 | 3°48 | 18°39 | 0°36 | 25°10 | 0°50 | 2° 1 | 11°11 | 25°18 | T 23 |
| W24 | 10 17 43 | 5°14'43 | 2≈ 5 | 19°11 | 17°59 | 7°11 | 14° 9 | 3°50 | 18°38 | 0°38 | 25°11 | 0°46 | 1°58 | 11°18 | 25°15 | W24 |
| T 25 | | 6°15'36 | 14°47 | 20°51 | 19° 9 | 7°54 | 14° 1 | 3°52 | 18°38 | 0°40 | 25°12 | 0°41 | 1°55 | 11°25 | 25°13 | T 25 |
| F 26 | | 7°16'28 | 27°45 | 22°29 | 20°18 | 8°37 | 13°54 | 3°53 | 18°38 | 0°43 | 25°13 | 0°38 | 1°51 | 11°32 | 25°10 | F 26 |
| S 27 | 10 29 33 | 8°17'20 | 10 米 59 | 24° 5 | 21°28 | 9°19 | 13°46 | 3°55 | 18°38 | 0°45 | 25°14 | 0°35 | 1°48 | 11°38 | 25° 7 | S 27 |
| S 28 | 10 33 29 | 9 ∺ 18'10 | 24) 28 | 25 米 39 | 22 Y 37 | 10 8 2 | 13 m 38 | 3 ₹ 56 | 18 M 37 | 0) (47 | 25 х 15 | 0°D34 | 1 ≏ 45 | 11 ~ 45 | 259 5 | S 28 |

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|------|----------|-------------------|------------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|---------------|---------------|-----------------|--------|------|
| M 1 | 10 37 26 | 10) 18'59 | 8 Υ 10 | 27) 9 | 23 Y 47 | 10 8 45 | 13°R30 | 3 ₹ 58 | 18°R37 | 0) 49 | 25 ∡ 16 | 0 ჲ 34 | 1 ≏ 42 | 11 √ 152 | 25°R 3 | M 1 |
| T 2 | 10 41 22 | 11°19'47 | 22° 2 | 28°35 | 24°56 | 11°28 | 13 m 22 | 3°59 | 18 M 37 | 0°52 | 25°17 | 0°35 | 1°39 | 11°58 | 2599 0 | T 2 |
| W 3 | 10 45 19 | 12°20'34 | 6 8 2 | 29°58 | 26° 5 | 12°10 | 13°14 | 4° 0 | 18°36 | 0°54 | 25°18 | 0°37 | 1°35 | 12° 5 | 24°58 | W 3 |
| T 4 | 10 49 16 | 13°21'19 | 20° 8 | 1 Υ 15 | 27°13 | 12°53 | 13° 6 | 4° 1 | 18°36 | 0°56 | 25°19 | 0°38 | 1°32 | 12°12 | 24°56 | T 4 |
| F 5 | 10 53 12 | 14°22'03 | 4 Ⅱ 18 | 2°26 | 28°22 | 13°36 | 12°58 | 4° 2 | 18°35 | 0°58 | 25°20 | 0°39 | 1°29 | 12°19 | 24°54 | F 5 |
| S 6 | 10 57 9 | 15°22'45 | 18°29 | 3°31 | 29°30 | 14°19 | 12°50 | 4° 3 | 18°34 | 1° 1 | 25°21 | 0°R39 | 1°26 | 12°25 | 24°52 | S 6 |
| S 7 | 11 1 5 | 16°23'26 | 2940 | 4°29 | 0 8 39 | 15° 1 | 12°42 | 4° 4 | 18°34 | 1° 3 | 25°21 | 0°38 | 1°23 | 12°32 | 24°50 | S 7 |
| M 8 | 11 5 2 | 17°24'06 | 16°47 | 5°19 | 1°47 | 15°44 | 12°34 | 4° 4 | 18°33 | 1° 5 | 25°22 | 0°37 | 1°20 | 12°39 | 24°48 | M 8 |
| T 9 | 11 8 58 | 18°24'43 | 0 Ω 50 | 6° 0 | 2°55 | 16°26 | 12°26 | 4° 5 | 18°32 | 1° 7 | 25°23 | 0°36 | 1°16 | 12°45 | 24°46 | T 9 |
| W10 | 11 12 55 | 19°25'19 | 14°44 | 6°32 | 4° 2 | 17° 9 | 12°18 | 4° 5 | 18°31 | 1° 9 | 25°23 | 0°34 | 1°13 | 12°52 | 24°44 | W10 |
| T 11 | 11 16 51 | 20°25'54 | 28°27 | 6°54 | 5°10 | 17°51 | 12°11 | 4° 5 | 18°30 | 1°12 | 25°24 | 0°33 | 1°10 | 12°59 | 24°43 | T 11 |
| F 12 | 11 20 48 | 21°26'27 | 11 m) 57 | 7° 6 | 6°17 | 18°34 | 12° 3 | 4° 6 | 18°29 | 1°14 | 25°25 | 0°32 | 1° 7 | 13° 6 | 24°41 | F 12 |
| S 13 | 11 24 45 | 22°26'59 | 25°12 | 7°R 8 | 7°24 | 19°16 | 11°55 | 4°R 6 | 18°28 | 1°16 | 25°25 | 0°D32 | 1° 4 | 13°12 | 24°40 | S 13 |
| S 14 | 11 28 41 | 23°27'29 | 8 ₾ 10 | 6°59 | 8°31 | 19°59 | 11°47 | 4° 6 | 18°27 | 1°18 | 25°26 | 0°32 | 1° 1 | 13°19 | 24°38 | S 14 |
| M15 | 11 32 38 | 24°27'58 | 20°52 | 6°40 | 9°37 | 20°41 | 11°40 | 4° 6 | 18°26 | 1°20 | 25°26 | 0°32 | 0°57 | 13°26 | 24°37 | M15 |
| T 16 | 11 36 34 | 25°28'26 | 3 M L18 | 6°12 | 10°43 | 21°24 | 11°32 | 4° 5 | 18°25 | 1°22 | 25°27 | 0°32 | 0°54 | 13°32 | 24°36 | T 16 |
| W17 | 11 40 31 | 26°28'52 | 15°31 | 5°35 | 11°49 | 22° 6 | 11°25 | 4° 5 | 18°24 | 1°24 | 25°27 | 0°33 | 0°51 | 13°39 | 24°35 | W17 |
| T 18 | 11 44 27 | 27°29'17 | 27°33 | 4°49 | 12°55 | 22°48 | 11°17 | 4° 5 | 18°22 | 1°27 | 25°27 | 0°33 | 0°48 | 13°46 | 24°34 | T 18 |
| F 19 | 11 48 24 | 28°29'41 | 9 ∡ 128 | 3°57 | 14° 1 | 23°30 | 11°10 | 4° 4 | 18°21 | 1°29 | 25°28 | 0°34 | 0°45 | 13°53 | 24°33 | F 19 |
| S 20 | 11 52 20 | 29°30'03 | 21°21 | 2°59 | 15° 6 | 24°13 | 11° 3 | 4° 4 | 18°20 | 1°31 | 25°28 | 0°34 | 0°41 | 13°59 | 24°32 | S 20 |
| S 21 | 11 56 17 | 0 Υ 30'25 | 3 ਰ 15 | 1°58 | 16°11 | 24°55 | 10°56 | 4° 3 | 18°18 | 1°33 | 25°28 | 0°34 | 0°38 | 14° 6 | 24°31 | S 21 |
| M22 | 12 0 14 | 1°30'44 | 15°15 | 0°54 | 17°16 | 25°37 | 10°49 | 4° 2 | 18°17 | 1°35 | 25°29 | 0°34 | 0°35 | 14°13 | 24°30 | M22 |
| T 23 | 12 4 10 | 2°31'03 | 27°27 | 29 米 50 | 18°20 | 26°19 | 10°42 | 4° 1 | 18°15 | 1°37 | 25°29 | 0°34 | 0°32 | 14°19 | 24°30 | T 23 |
| W24 | 12 8 7 | 3°31'20 | 9 ≈ 54 | 28°46 | 19°25 | 27° 1 | 10°35 | 4° 0 | 18°14 | 1°39 | 25°29 | 0°34 | 0°29 | 14°26 | 24°29 | W24 |
| T 25 | 12 12 3 | 4°31'36 | 22°40 | 27°45 | 20°28 | 27°44 | 10°28 | 3°59 | 18°12 | 1°41 | 25°29 | 0°35 | 0°26 | 14°33 | 24°29 | T 25 |
| F 26 | 12 16 0 | 5°31'50 | 5) (47 | 26°47 | 21°32 | 28°26 | 10°21 | 3°58 | 18°11 | 1°43 | 25°29 | 0°35 | 0°22 | 14°40 | 24°29 | F 26 |
| S 27 | 12 19 56 | 6°32'02 | 19°15 | 25°54 | 22°35 | 29° 8 | 10°15 | 3°56 | 18° 9 | 1°45 | 25°29 | 0°35 | 0°19 | 14°46 | 24°28 | S 27 |
| S 28 | 12 23 53 | 7°32'13 | 3 Y 5 | 25° 7 | 23°38 | 29°50 | 10° 8 | 3°55 | 18° 7 | 1°47 | 25°R29 | 0°R36 | 0°16 | 14°53 | 24°28 | S 28 |
| M29 | 12 27 49 | 8°32'22 | 17°12 | 24°25 | 24°41 | 0Д32 | 10° 2 | 3°53 | 18° 5 | 1°49 | 25°29 | 0°35 | 0°13 | | 24°D28 | M29 |
| T 30 | 12 31 46 | 9°32'30 | 1833 | 23°50 | 25°43 | 1°14 | 9°56 | 3°52 | 18° 4 | 1°51 | 25°29 | 0°35 | 0°10 | 15° 6 | 24°28 | T 30 |
| W31 | 12 35 42 | 10 Y 32'36 | 16 8 3 | 23 米 21 | 26 8 45 | 1耳56 | 9 m 50 | 3 ₹ 50 | 18 M 2 | 1 米 52 | 25 × 29 | ე ჲ 33 | 0요 7 | 15 ∡ 13 | 249528 | W31 |

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| T 1 | 12 39 39 | 11 Y 32'39 | 0Д36 | 22°R59 | 27 8 46 | 2Д37 | 9°R44 | 3°R48 | 18°R 0 | 1) (54 | 25°R29 | 0°R32 | 0 호 3 | 15 ₹ 20 | 249528 | T 1 |
| F 2 | 12 43 36 | 12°32'41 | 15° 5 | 22) (44 | 28°48 | 3°19 | 9 m 38 | 3 ∡ 146 | 17 M 58 | 1°56 | 25 × 29 | 0 ჲ 31 | 0° 0 | 15°27 | 24°29 | F 2 |
| S 3 | 12 47 32 | 13°32'41 | 29°27 | 22°36 | 29°48 | 4° 1 | 9°33 | 3°44 | 17°56 | 1°58 | 25°29 | 0°30 | 29 m 57 | 15°33 | 24°29 | S 3 |
| S 4 | 12 51 29 | 14°32'38 | 13938 | 22°D34 | 0 Ⅱ 49 | 4°43 | 9°28 | 3°42 | 17°54 | 2° 0 | 25°29 | 0°D30 | 29°54 | 15°40 | 24°30 | S 4 |
| M 5 | 12 55 25 | 15°32'34 | 27°36 | 22°38 | 1°48 | 5°25 | 9°22 | 3°40 | 17°52 | 2° 2 | 25°28 | 0°30 | 29°51 | 15°47 | 24°30 | M 5 |
| T 6 | 12 59 22 | 16°32'27 | 11 \O 21 | 22°48 | 2°48 | 6° 6 | 9°17 | 3°37 | 17°50 | 2° 3 | 25°28 | 0°31 | 29°47 | 15°53 | 24°31 | T 6 |
| W 7 | 13 3 18 | 17°32'18 | 24°51 | 23° 3 | 3°47 | 6°48 | 9°12 | 3°35 | 17°48 | 2° 5 | 25°28 | 0°32 | 29°44 | 16° 0 | 24°32 | W 7 |
| T 8 | 13 7 15 | 18°32'07 | 8Mp 9 | 23°24 | 4°45 | 7°30 | 9° 7 | 3°33 | 17°46 | 2° 7 | 25°27 | 0°33 | 29°41 | 16° 7 | 24°32 | T 8 |
| F 9 | 13 11 11 | 19°31'53 | 21°12 | 23°50 | 5°43 | 8°11 | 9° 3 | 3°30 | 17°44 | 2° 8 | 25°27 | 0°34 | 29°38 | 16°14 | 24°33 | F 9 |
| S 10 | 13 15 8 | 20°31'38 | 4 요 4 | 24°20 | 6°41 | 8°53 | 8°58 | 3°27 | 17°41 | 2°10 | 25°27 | 0°R35 | 29°35 | 16°20 | 24°34 | S 10 |
| S 11 | 13 19 5 | 21°31'21 | 16°43 | 24°55 | 7°38 | 9°35 | 8°54 | 3°25 | 17°39 | 2°12 | 25°26 | 0°34 | 29°32 | 16°27 | 24°35 | S 11 |
| M12 | 13 23 1 | 22°31'02 | 29°11 | 25°34 | 8°34 | 10°16 | 8°50 | 3°22 | 17°37 | 2°13 | 25°26 | 0°32 | 29°28 | 16°34 | 24°37 | M12 |
| T 13 | 13 26 58 | 23°30'41 | 11 M 28 | 26°17 | 9°30 | 10°58 | 8°46 | 3°19 | 17°35 | 2°15 | 25°25 | 0°29 | 29°25 | 16°40 | 24°38 | T 13 |
| W14 | 13 30 54 | 24°30'18 | 23°35 | 27° 4 | 10°26 | 11°39 | 8°42 | 3°16 | 17°33 | 2°17 | 25°25 | 0°25 | 29°22 | 16°47 | 24°39 | W14 |
| T 15 | 13 34 51 | 25°29'53 | 5 ₹ 35 | 27°53 | 11°20 | 12°20 | 8°39 | 3°13 | 17°30 | 2°18 | 25°24 | 0°21 | 29°19 | 16°54 | 24°41 | T 15 |
| F 16 | 13 38 47 | 26°29'27 | 17°29 | 28°47 | 12°14 | 13° 2 | 8°35 | 3°10 | 17°28 | 2°20 | 25°23 | 0°16 | 29°16 | 17° 1 | 24°42 | F 16 |
| S 17 | 13 42 44 | 27°28'59 | 29°22 | 29°43 | 13° 8 | 13°43 | 8°32 | 3° 7 | 17°26 | 2°21 | 25°23 | 0°13 | 29°12 | 17° 7 | 24°44 | S 17 |
| S 18 | 13 46 40 | 28°28'29 | 11 궁 15 | 0 Υ 42 | 14° 1 | 14°24 | 8°29 | 3° 3 | 17°23 | 2°23 | 25°22 | 0°10 | 29° 9 | 17°14 | 24°46 | S 18 |
| M19 | 13 50 37 | 29°27'58 | 23°14 | 1°44 | 14°53 | 15° 6 | 8°26 | 3° 0 | 17°21 | 2°24 | 25°21 | 0° 9 | 29° 6 | 17°21 | 24°47 | M19 |
| T 20 | 13 54 33 | 0 8 27'24 | 5≈23 | 2°48 | 15°44 | 15°47 | 8°23 | 2°56 | 17°18 | 2°26 | 25°21 | 0°D 8 | 29° 3 | 17°28 | 24°49 | T 20 |
| W21 | 13 58 30 | 1°26'50 | 17°47 | 3°55 | 16°35 | 16°28 | 8°21 | 2°53 | 17°16 | 2°27 | 25°20 | 0° 9 | 29° 0 | 17°34 | 24°51 | W21 |
| T 22 | 14 2 27 | 2°26'13 | 0 ∺ 31 | 5° 4 | 17°25 | 17° 9 | 8°19 | 2°49 | 17°13 | 2°28 | 25°19 | 0°11 | 28°57 | 17°41 | 24°53 | T 22 |
| F 23 | 14 6 23 | 3°25'35 | 13°37 | 6°15 | 18°14 | 17°50 | 8°16 | 2°46 | 17°11 | 2°30 | 25°18 | 0°13 | 28°53 | 17°48 | 24°55 | F 23 |
| S 24 | 14 10 20 | 4°24'54 | 27° 9 | 7°28 | 19° 2 | 18°32 | 8°14 | 2°42 | 17° 8 | 2°31 | 25°17 | 0°R14 | 28°50 | 17°54 | 24°58 | S 24 |
| S 25 | 14 14 16 | 5°24'13 | 11 Y 8 | 8°44 | 19°50 | 19°13 | 8°13 | 2°38 | 17° 6 | 2°32 | 25°17 | 0°13 | 28°47 | 18° 1 | 25° 0 | S 25 |
| M26 | 14 18 13 | 6°23'29 | 25°31 | 10° 1 | 20°37 | 19°54 | 8°11 | 2°34 | 17° 3 | 2°33 | 25°16 | 0°11 | 28°44 | 18° 8 | 25° 2 | M26 |
| T 27 | 14 22 9 | 7°22'43 | 10814 | 11°20 | 21°22 | 20°35 | 8°10 | 2°31 | 17° 1 | 2°35 | 25°15 | 0° 7 | 28°41 | 18°15 | 25° 5 | T 27 |
| W28 | 14 26 6 | 8°21'56 | 25° 9 | 12°41 | 22° 7 | 21°16 | 8° 9 | 2°27 | 16°58 | 2°36 | 25°14 | 0° 2 | 28°38 | 18°21 | 25° 7 | W28 |
| T 29 | 14 30 2 | 9°21'06 | 10 <u>H</u> 9 | 14° 4 | 22°51 | 21°57 | 8° 8 | 2°23 | 16°56 | 2°37 | 25°13 | 29 m 56 | 28°34 | 18°28 | 25°10 | T 29 |
| F 30 | 14 33 59 | 10820'15 | 25 I I 3 | 15 Ƴ 29 | 23 Ⅱ 34 | 22 II 38 | 8Mp 7 | 2 √ 19 | 16 M 53 | 2 ∺ 38 | 25 ₹ 12 | 29 m 50 | 28 m 31 | 18 ∡ 35 | 25913 | F 30 |

Delta T = 02h00m21s

MAY 3486 00:00 UT

| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)f(| ¥ | В | ß | Ω | Ç | ę, | Day |
|------|----------|-------------------|-----------------|----------------|-----------------|-----------------|---------------|---------------|-----------------|---------------|----------------|----------------|----------------|----------------|--------|------|
| S 1 | 14 37 56 | 11 8 19'21 | 9 9 45 | 16 Y 55 | 24 I I15 | 23 I I19 | 8°R 6 | 2°R15 | 16°R51 | 2) 39 | 25°R11 | 29°R45 | 28 m 28 | 18 % 41 | 25915 | S 1 |
| S 2 | 14 41 52 | 12°18'25 | 24° 8 | 18°23 | 24°56 | 23°59 | 8Mp 6 | 2 ₹ 10 | 16 M .48 | 2°40 | 25 ₹ 10 | 29 m 42 | 28°25 | 18°48 | 25°18 | S 2 |
| M 3 | 14 45 49 | 13°17'26 | $8\Omega 10$ | 19°53 | 25°35 | 24°40 | 8° 5 | 2° 6 | 16°46 | 2°41 | 25° 9 | 29°D41 | 28°22 | 18°55 | 25°21 | M 3 |
| T 4 | 14 49 45 | 14°16'26 | 21°49 | 21°24 | 26°14 | 25°21 | 8°D 5 | 2° 2 | 16°43 | 2°42 | 25° 7 | 29°41 | 28°18 | 19° 2 | 25°24 | T 4 |
| W 5 | 14 53 42 | 15°15'23 | 5Mm, 8 | 22°57 | 26°51 | 26° 2 | 8° 6 | 1°58 | 16°40 | 2°43 | 25° 6 | 29°42 | 28°15 | 19°8 | 25°27 | W 5 |
| T 6 | 14 57 38 | 16°14'18 | 18° 9 | 24°32 | 27°26 | 26°42 | 8° 6 | 1°53 | 16°38 | 2°44 | 25° 5 | 29°43 | 28°12 | 19°15 | 25°30 | T 6 |
| F 7 | 15 1 35 | 17°13'10 | 0 ჲ 54 | 26° 8 | 28° 1 | 27°23 | 8° 6 | 1°49 | 16°35 | 2°45 | 25° 4 | 29°R44 | 28° 9 | 19°22 | 25°34 | F 7 |
| S 8 | 15 5 31 | 18°12'01 | 13°27 | 27°45 | 28°34 | 28° 4 | 8° 7 | 1°45 | 16°33 | 2°46 | 25° 3 | 29°43 | 28° 6 | 19°28 | 25°37 | S 8 |
| S 9 | 15 9 28 | 19°10'49 | 25°49 | 29°25 | 29° 5 | 28°44 | 8° 8 | 1°40 | 16°30 | 2°47 | 25° 1 | 29°39 | 28° 3 | 19°35 | 25°40 | S 9 |
| M10 | 15 13 25 | 20° 9'36 | 8M 2 | 1 8 6 | 29°35 | 29°25 | 8° 9 | 1°36 | 16°28 | 2°48 | 25° 0 | 29°34 | 27°59 | 19°42 | 25°44 | M10 |
| T 11 | 15 17 21 | 21° 8'20 | 20° 8 | 2°48 | 0ର୍ତ୍ତ 4 | 0ණ 5 | 8°10 | 1°31 | 16°25 | 2°49 | 24°59 | 29°26 | 27°56 | 19°49 | 25°47 | T 11 |
| W12 | 15 21 18 | 22° 7'03 | 2 , ₹ 8 | 4°32 | 0°30 | 0°46 | 8°12 | 1°27 | 16°22 | 2°50 | 24°58 | 29°17 | 27°53 | 19°55 | 25°51 | W12 |
| T 13 | 15 25 14 | 23° 5'43 | 14° 4 | 6°18 | 0°56 | 1°26 | 8°13 | 1°23 | 16°20 | 2°50 | 24°56 | 29° 6 | 27°50 | 20° 2 | 25°54 | T 13 |
| F 14 | 15 29 11 | 24° 4'23 | 2 <u>5°</u> 57 | 8° 5 | 1°19 | 2° 7 | 8°15 | 1°18 | 16°17 | 2°51 | 24°55 | 28°56 | 27°47 | 20° 9 | 25°58 | F 14 |
| S 15 | 15 33 7 | 25° 3'00 | 7 る 49 | 9°54 | 1°41 | 2°47 | 8°17 | 1°13 | 16°15 | 2°52 | 24°54 | 28°47 | 27°44 | 20°16 | 26° 2 | S 15 |
| S 16 | 15 37 4 | 26° 1'35 | 19°43 | 11°45 | 2° 0 | 3°28 | 8°19 | 1° 9 | 16°12 | 2°52 | 24°52 | 28°39 | 27°40 | 20°22 | 26° 6 | S 16 |
| M17 | 15 41 0 | 27° 0'09 | 1≈42 | 13°37 | 2°18 | 4° 8 | 8°22 | 1° 4 | 16°10 | 2°53 | 24°51 | 28°33 | 27°37 | 20°29 | 26°10 | M17 |
| T 18 | 15 44 57 | 27°58'42 | 13°49 | 15°31 | 2°34 | 4°48 | 8°24 | 1° 0 | 16° 7 | 2°53 | 24°49 | 28°30 | 27°34 | 20°36 | 26°14 | T 18 |
| W19 | 15 48 54 | 28°57'13 | 26°10 | 17°27 | 2°48 | 5°29 | 8°27 | 0°55 | 16° 5 | 2°54 | 24°48 | 28°D29 | 27°31 | 20°42 | 26°18 | W19 |
| T 20 | 15 52 50 | 29°55'42 | 8) (48 | 19°24 | 3° 0 | 6° 9 | 8°30 | 0°51 | 16° 2 | 2°55 | 24°47 | 28°29 | 27°28 | 20°49 | 26°22 | T 20 |
| F 21 | 15 56 47 | 0∏54'09 | 21°49 | 21°23 | 3° 9 | 6°49 | 8°33 | 0°46 | 16° 0 | 2°55 | 24°45 | 28°R30 | 27°24 | 20°56 | 26°26 | F 21 |
| S 22 | 16 0 43 | 1°52'36 | 5 Ƴ 17 | 23°23 | 3°17 | 7°29 | 8°36 | 0°42 | 15°57 | 2°55 | 24°44 | 28°30 | 27°21 | 21° 3 | 26°30 | S 22 |
| S 23 | 16 4 40 | 2°51'00 | 19°13 | 25°25 | 3°22 | 8° 9 | 8°39 | 0°37 | 15°55 | 2°56 | 24°42 | 28°28 | 27°18 | 21° 9 | 26°35 | S 23 |
| M24 | 16 8 36 | 3°49'23 | 3 8 37 | 27°29 | 3°25 | 8°50 | 8°43 | 0°32 | 15°52 | 2°56 | 24°41 | 28°24 | 27°15 | 21°16 | 26°39 | M24 |
| T 25 | 16 12 33 | 4°47'45 | 18°27 | 29°34 | 3°R25 | 9°30 | 8°47 | 0°28 | 15°50 | 2°57 | 24°39 | 28°17 | 27°12 | 21°23 | 26°43 | T 25 |
| W26 | 16 16 29 | 5°46'05 | 3 Ⅱ 35 | 1 Ⅱ 40 | 3°23 | 10°10 | 8°51 | 0°23 | 15°48 | 2°57 | 24°38 | 28° 9 | 27° 9 | 21°29 | 26°48 | W26 |
| T 27 | 16 20 26 | 6°44'23 | 18°52 | 3°47 | 3°19 | 10°50 | 8°55 | 0°19 | 15°45 | 2°57 | 24°36 | 27°59 | 27° 5 | 21°36 | 26°52 | T 27 |
| F 28 | 16 24 23 | 7°42'40 | 499 5 | 5°56 | 3°12 | 11°30 | 8°59 | 0°14 | 15°43 | 2°57 | 24°35 | 27°49 | 27° 2 | 21°43 | 26°57 | F 28 |
| S 29 | 16 28 19 | 8°40'55 | 19° 6 | 8° 5 | 3° 3 | 12°10 | 9° 3 | 0°10 | 15°41 | 2°58 | 24°33 | 27°40 | 26°59 | 21°50 | 27° 2 | S 29 |
| S 30 | 16 32 16 | 9°39'08 | $3\Omega 44$ | 10°15 | 2°52 | 12°50 | 9°8 | 0° 5 | 15°38 | 2°58 | 24°31 | 27°34 | 26°56 | 21°56 | 27° 6 | S 30 |
| M31 | 16 36 12 | 10 Ⅲ 37'19 | $17\Omega57$ | 12Ⅲ26 | 2938 | 13930 | 9 m 13 | 0 才 1 | 15 M .36 | 2) 58 | 24 × 30 | 27 m 30 | 26 M 53 | 22 ∡ 3 | 279511 | M31 |

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JUNE 3486 00:00 UT

| Day | Sid.t | 0 | D | ğ | · | ď | 4 | ħ |)f(| Ħ | В | N. | v | Ç | Š | Day |
|------|----------|-------------------|-----------------|---------------|-------|---------------|----------------|--------|-----------------|----------------|-----------------------------|----------|----------------|----------------|--------|------|
| T 1 | 16 40 9 | 11 Ⅱ 35'28 | 1 Mp 42 | 14∏36 | 2°R21 | 149510 | 9 m)17 | 29°R56 | 15°R34 | 2) 58 | 24°R28 | 27°R28 | 26 TQ 50 | 22 × 10 | 279516 | T 1 |
| W 2 | 16 44 5 | 12°33'35 | 15° 1 | 16°47 | 295 2 | 14°50 | 9°22 | 29M52 | 15 M 32 | 2°58 | 24 × ⁷ 27 | 27°D28 | 26°46 | 22°17 | 27°21 | W 2 |
| T 3 | 16 48 2 | 13°31'40 | 27°56 | 18°57 | 1°41 | 15°29 | 9°28 | 29°47 | 15°29 | 2°58 | 24°25 | 27°R28 | 26°43 | 22°23 | 27°26 | T 3 |
| F 4 | 16 51 58 | 14°29'43 | 10 ≏ 33 | 21° 6 | 1°18 | 16° 9 | 9°33 | 29°43 | 15°27 | 2°R58 | 24°23 | 27 Mp 27 | 26°40 | 22°30 | 27°31 | F 4 |
| S 5 | 16 55 55 | 15°27'45 | 22°55 | 23°15 | 0°52 | 16°49 | 9°39 | 29°39 | 15°25 | 2°58 | 24°22 | 27°25 | 26°37 | 22°37 | 27°36 | S 5 |
| S 6 | 16 59 52 | 16°25'45 | 5 M 6 | 25°22 | 0°25 | 17°29 | 9°44 | 29°34 | 15°23 | 2°58 | 24°20 | 27°20 | 26°34 | 22°43 | 27°41 | S 6 |
| M 7 | 17 3 48 | 17°23'43 | 17° 9 | 27°28 | 29Ⅲ55 | 18° 8 | 9°50 | 29°30 | 15°21 | 2°58 | 24°19 | 27°12 | 26°30 | 22°50 | 27°46 | M 7 |
| T 8 | 17 7 45 | 18°21'39 | 29° 6 | 29°32 | 29°24 | 18°48 | 9°56 | 29°26 | 15°19 | 2°58 | 24°17 | 27° 2 | 26°27 | 22°57 | 27°51 | T 8 |
| W 9 | 17 11 41 | 19°19'34 | 11 🗷 1 | 1934 | 28°51 | 19°28 | 10° 2 | 29°22 | 15°17 | 2°58 | 24°15 | 26°49 | 26°24 | 23° 4 | 27°56 | W 9 |
| T 10 | 17 15 38 | 20°17'28 | 22°54 | 3°34 | 28°17 | 20° 7 | 10° 8 | 29°18 | 15°15 | 2°58 | 24°14 | 26°35 | 26°21 | 23°10 | 28° 1 | T 10 |
| F 11 | 17 19 34 | 21°15'20 | 4 궁 47 | 5°32 | 27°42 | 20°47 | 10°15 | 29°14 | 15°13 | 2°57 | 24°12 | 26°21 | 26°18 | 23°17 | 28° 7 | F 11 |
| S 12 | 17 23 31 | 22°13'11 | 16°41 | 7°27 | 27° 6 | 21°27 | 10°21 | 29°10 | 15°11 | 2°57 | 24°10 | 26° 8 | 26°15 | 23°24 | 28°12 | S 12 |
| S 13 | 17 27 27 | 23°11'01 | 28°38 | 9°19 | 26°29 | 22° 6 | 10°28 | 29° 6 | 15° 9 | 2°57 | 24° 9 | 25°57 | 26°11 | 23°31 | 28°17 | S 13 |
| M14 | 17 31 24 | 24° 8'49 | 10≈40 | 11° 9 | 25°51 | 22°46 | 10°35 | 29° 2 | 15° 8 | 2°57 | 24° 7 | 25°49 | 26° 8 | 23°37 | 28°23 | M14 |
| T 15 | 17 35 21 | 25° 6'36 | 22°50 | 12°55 | 25°14 | 23°25 | 10°41 | 28°58 | 15° 6 | 2°56 | 24° 5 | 25°44 | 26° 5 | 23°44 | 28°28 | T 15 |
| W16 | 17 39 17 | 26° 4'22 | 5) 11 | 14°39 | 24°36 | 24° 5 | 10°49 | 28°54 | 15° 4 | 2°56 | 24° 4 | 25°41 | 26° 2 | 23°51 | 28°34 | W16 |
| T 17 | 17 43 14 | 27° 2'07 | 17°49 | 16°20 | 23°59 | 24°44 | 10°56 | 28°50 | 15° 2 | 2°56 | 24° 2 | 25°40 | 25°59 | 23°57 | 28°39 | T 17 |
| F 18 | 17 47 10 | 27°59'51 | 0 Υ 46 | 17°57 | 23°22 | 25°23 | 11° 3 | 28°46 | 15° 1 | 2°55 | 24° 0 | 25°40 | 25°55 | 24° 4 | 28°45 | F 18 |
| S 19 | 17 51 7 | 28°57'35 | 14° 7 | 19°32 | 22°45 | 26° 3 | 11°10 | 28°43 | 14°59 | 2°55 | 23°59 | 25°40 | 25°52 | 24°11 | 28°50 | S 19 |
| S 20 | 17 55 3 | 29°55'17 | 27°55 | 21° 3 | 22°10 | 26°42 | 11°18 | 28°39 | 14°57 | 2°54 | 23°57 | 25°38 | 25°49 | 24°18 | 28°56 | S 20 |
| M21 | 17 59 0 | 0��52'58 | 12811 | 22°32 | 21°36 | 27°21 | 11°26 | 28°36 | 14°56 | 2°54 | 23°56 | 25°33 | 25°46 | 24°24 | 29° 2 | M21 |
| T 22 | 18 2 56 | 1°50'39 | 26°54 | 23°57 | 21° 4 | 28° 1 | 11°34 | 28°32 | 14°54 | 2°53 | 23°54 | 25°27 | 25°43 | 24°31 | 29° 7 | T 22 |
| W23 | 18 6 53 | 2°48'18 | 11 II 58 | 25°19 | 20°33 | 28°40 | 11°42 | 28°29 | 14°53 | 2°52 | 23°52 | 25°18 | 25°40 | 24°38 | 29°13 | W23 |
| T 24 | 18 10 50 | 3°45'57 | 27°15 | 26°37 | 20° 3 | 29°19 | 11°50 | 28°26 | 14°51 | 2°52 | 23°51 | 25° 7 | 25°36 | 24°44 | 29°19 | T 24 |
| F 25 | 18 14 46 | 4°43'35 | 12933 | 27°52 | 19°36 | 29°59 | 11°58 | 28°22 | 14°50 | 2°51 | 23°49 | 24°56 | 25°33 | 24°51 | 29°25 | F 25 |
| S 26 | 18 18 43 | 5°41'11 | 27°41 | 29° 4 | 19°10 | 0 Ω 38 | 12° 6 | 28°19 | 14°49 | 2°51 | 23°47 | 24°47 | 25°30 | 24°58 | 29°30 | S 26 |
| S 27 | 18 22 39 | 6°38'47 | 12 N 29 | 0 Ω 13 | 18°47 | 1°17 | 12°15 | 28°16 | 14°48 | 2°50 | 23°46 | 24°39 | 25°27 | 25° 5 | 29°36 | S 27 |
| M28 | 18 26 36 | 7°36'21 | 26°51 | 1°17 | 18°26 | 1°56 | 12°23 | 28°13 | 14°46 | 2°49 | 23°44 | 24°35 | 25°24 | 25°11 | 29°42 | M28 |
| T 29 | 18 30 32 | 8°33'54 | 10 M 45 | 2°19 | 18° 7 | 2°35 | 12°32 | 28°10 | 14°45 | 2°48 | 23°43 | 24°32 | 25°21 | 25°18 | 29°48 | T 29 |
| W30 | 18 34 29 | 9931'25 | 24 M 9 | 3 Ω 16 | 17耳50 | 3 Ω 15 | 12 M 40 | 28M 7 | 14 M .44 | 2) (48 | 23 × 741 | 24°D32 | 25 m 17 | 25 ₹ 25 | 29954 | W30 |

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|------|----------|------------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|------------------|-----------------|--------------|------|
| T 1 | 18 38 26 | 109528'56 | 7 ♀ 8 | 4 Ω 10 | 17°R36 | 3 Ω 54 | 12 M 49 | 28°R 4 | 14°R43 | 2°R47 | 23°R39 | 24°R32 | 25 m) 14 | 25 ₹ 32 | 29959 | T 1 |
| F 2 | 18 42 22 | 11°26'25 | 19°44 | 5° 1 | 17 Ⅲ 24 | 4°33 | 12°58 | 28M 2 | 14 M 42 | 2) (46 | 23 × 38 | 24 Mp 32 | 25°11 | 25°38 | 0Ω 6 | F 2 |
| S 3 | 18 46 19 | 12°23'53 | 2 M , 4 | 5°47 | 17°14 | 5°12 | 13° 7 | 27°59 | 14°41 | 2°45 | 23°36 | 24°30 | 25° 8 | 25°45 | 0°12 | S 3 |
| S 4 | 18 50 15 | 13°21'20 | 14°11 | 6°29 | 17° 7 | 5°51 | 13°17 | 27°57 | 14°40 | 2°44 | 23°35 | 24°26 | 25° 5 | 25°52 | 0°18 | S 4 |
| M 5 | 18 54 12 | 14°18'46 | 26° 9 | 7° 7 | 17° 2 | 6°30 | 13°26 | 27°54 | 14°39 | 2°43 | 23°33 | 24°20 | 25° 1 | 25°58 | 0°24 | M 5 |
| T 6 | 18 58 8 | 15°16'12 | 8 × 3 | 7°41 | 17° 0 | 7° 9 | 13°35 | 27°52 | 14°38 | 2°42 | 23°32 | 24°11 | 24°58 | 26° 5 | 0°30 | T 6 |
| W 7 | 19 2 5 | 16°13'36 | 19°55 | 8°11 | 17°D 0 | 7°48 | 13°45 | 27°50 | 14°37 | 2°41 | 23°30 | 24° 0 | 24°55 | 26°12 | 0°36 | W 7 |
| T 8 | 19 6 1 | 17°10'59 | 1 云 47 | 8°37 | 17° 2 | 8°27 | 13°54 | 27°47 | 14°37 | 2°40 | 23°29 | 23°48 | 24°52 | 26°19 | 0°42 | T 8 |
| F 9 | 19 9 58 | 18° 8'22 | 13°42 | 8°57 | 17° 7 | 9° 6 | 14° 4 | 27°45 | 14°36 | 2°39 | 23°27 | 23°36 | 24°49 | 26°25 | 0°48 | F 9 |
| S 10 | 19 13 55 | 19° 5'44 | 25°41 | 9°14 | 17°13 | 9°45 | 14°14 | 27°43 | 14°35 | 2°38 | 23°26 | 23°24 | 24°46 | 26°32 | 0°54 | S 10 |
| S 11 | 19 17 51 | 20° 3'06 | 7≈45 | 9°26 | 17°22 | 10°23 | 14°24 | 27°41 | 14°35 | 2°37 | 23°25 | 23°15 | 24°42 | 26°39 | 1° 1 | S 11 |
| M12 | 19 21 48 | 21° 0'27 | 19°56 | 9°33 | 17°33 | 11° 2 | 14°34 | 27°39 | 14°34 | 2°36 | 23°23 | 23° 8 | 24°39 | 26°46 | 1° 7 | M12 |
| T 13 | 19 25 44 | 21°57'47 | 2) 15 | 9°R36 | 17°46 | 11°41 | 14°44 | 27°38 | 14°34 | 2°35 | 23°22 | 23° 3 | 24°36 | 26°52 | 1°13 | T 13 |
| W14 | 19 29 41 | 22°55'07 | 14°45 | 9°34 | 18° 1 | 12°20 | 14°54 | 27°36 | 14°33 | 2°34 | 23°20 | 23° 1 | 24°33 | 26°59 | 1°19 | W14 |
| T 15 | 19 33 37 | 23°52'27 | 27°29 | 9°28 | 18°18 | 12°59 | 15° 4 | 27°35 | 14°33 | 2°33 | 23°19 | 23°D 1 | 24°30 | 27° 6 | 1°25 | T 15 |
| F 16 | 19 37 34 | 24°49'46 | 10 Υ 29 | 9°18 | 18°37 | 13°38 | 15°14 | 27°33 | 14°32 | 2°32 | 23°18 | 23° 2 | 24°27 | 27°12 | 1°31 | F 16 |
| S 17 | 19 41 30 | 25°47'06 | 23°49 | 9° 3 | 18°58 | 14°16 | 15°25 | 27°32 | 14°32 | 2°30 | 23°16 | 23°R 2 | 24°23 | 27°19 | 1°38 | S 17 |
| S 18 | 19 45 27 | 26°44'25 | 7 8 31 | 8°44 | 19°21 | 14°55 | 15°35 | 27°30 | 14°32 | 2°29 | 23°15 | 23° 2 | 24°20 | 27°26 | 1°44 | S 18 |
| M19 | 19 49 24 | 27°41'44 | 21°37 | 8°21 | 19°45 | 15°34 | 15°46 | 27°29 | 14°32 | 2°28 | 23°14 | 23° 0 | 24°17 | 27°33 | 1°50 | M19 |
| T 20 | 19 53 20 | 28°39'04 | 6 I I 6 | 7°56 | 20°11 | 16°13 | 15°56 | 27°28 | 14°31 | 2°27 | 23°12 | 22°55 | 24°14 | 27°39 | 1°56 | T 20 |
| W21 | 19 57 17 | 29°36'23 | 20°55 | 7°27 | 20°38 | 16°51 | 16° 7 | 27°27 | 14°31 | 2°25 | 23°11 | 22°49 | 24°11 | 27°46 | 2° 3 | W21 |
| T 22 | 20 1 13 | 0 Ω 33'42 | 5956 | 6°55 | 21° 7 | 17°30 | 16°18 | 27°26 | 14°D31 | 2°24 | 23°10 | 22°42 | 24° 7 | 27°53 | 2° 9 | T 22 |
| F 23 | 20 5 10 | 1°31'01 | 21° 2 | 6°22 | 21°37 | 18° 9 | 16°29 | 27°26 | 14°31 | 2°23 | 23° 9 | 22°34 | 24° 4 | 27°59 | 2°15 | F 23 |
| S 24 | 20 9 6 | 2°28'20 | 6 N 2 | 5°46 | 22° 9 | 18°47 | 16°39 | 27°25 | 14°31 | 2°21 | 23° 8 | 22°27 | 24° 1 | 28° 6 | 2°21 | S 24 |
| S 25 | 20 13 3 | 3°25'39 | 20°47 | 5°10 | 22°42 | 19°26 | 16°51 | 27°24 | 14°32 | 2°20 | 23° 6 | 22°22 | 23°58 | 28°13 | 2°28 | S 25 |
| M26 | 20 16 59 | 4°22'57 | 5Mp 9 | 4°34 | 23°17 | 20° 5 | 17° 2 | 27°24 | 14°32 | 2°19 | 23° 5 | 22°18 | 23°55 | 28°20 | 2°34 | M26 |
| T 27 | 20 20 56 | 5°20'15 | 19° 6 | 3°58 | 23°52 | 20°43 | 17°13 | 27°23 | 14°32 | 2°17 | 23° 4 | 22°D17 | 23°52 | 28°26 | 2°40 | T 27 |
| W28 | 20 24 53 | 6°17'33 | 2 ≏ 36 | 3°22 | 24°29 | 21°22 | 17°24 | 27°23 | 14°32 | 2°16 | 23° 3 | 22°17 | 23°48 | 28°33 | 2°46 | W28 |
| T 29 | 20 28 49 | 7°14'50 | 15°39 | 2°48 | 25° 7 | 22° 0 | 17°35 | 27°23 | 14°33 | 2°14 | 23° 2 | 22°19 | 23°45 | 28°40 | 2°53 | T 29 |
| F 30 | 20 32 46 | 8°12'07 | 28°19 | 2°16 | 25°46 | 22°39 | 17°47 | 27°D23 | 14°33 | 2°13 | 23° 1 | 22°20 | 23°42 | 28°47 | 2°59 | F 30 |
| S 31 | 20 36 42 | 9⋒ 9'24 | 10 M .41 | 1 Ω 47 | 26Ⅱ26 | 23 Ω 17 | 17 m 58 | 27 M 23 | 14 M 33 | 2 ∺ 11 | 23 × 0 | 22°R20 | 23 Mg 39 | 28 × 753 | 3 N 5 | S 31 |

Delta T = 02h00m23s

AUGUST 3486 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)f(| # | Р | r | Ω | Ç | Š | Day |
|------|----------|------------------|----------------|----------------|---------------|----------------|-----------------|-----------------|-----------------|---------------|----------------|----------------|----------|---------------|---------------|------|
| S 1 | 20 40 39 | 100 6'40 | 22 M 49 | 1°R21 | 27 I 7 | 23 £ 56 | 18 m) 9 | 27 M 23 | 14 M .34 | 2°R10 | 22°R59 | 22°R19 | 23 Mp 36 | 29🖍 0 | 3 Ω 11 | S 1 |
| M 2 | 20 44 35 | 11° 3'57 | 4 √ 47 | 0 Ω 59 | 27°49 | 24°35 | 18°21 | 27°23 | 14°34 | 2 ∺ 8 | 22 才 58 | 22 Mp 17 | 23°33 | 29° 7 | 3°18 | M 2 |
| T 3 | 20 48 32 | 12° 1'13 | 16°40 | 0°41 | 28°33 | 25°13 | 18°33 | 27°23 | 14°35 | 2° 7 | 22°57 | 22°12 | 23°29 | 29°13 | 3°24 | T 3 |
| W 4 | 20 52 28 | 12°58'29 | 28°33 | 0°27 | 29°17 | 25°52 | 18°44 | 27°24 | 14°36 | 2° 5 | 22°56 | 22° 7 | 23°26 | 29°20 | 3°30 | W 4 |
| T 5 | 20 56 25 | 13°55'45 | 10 궁 27 | 0°18 | 0ණ 2 | 26°30 | 18°56 | 27°24 | 14°36 | 2° 4 | 22°55 | 22° 0 | 23°23 | 29°27 | 3°36 | T 5 |
| F 6 | 21 0 22 | 14°53'02 | 22°26 | 0°D14 | 0°47 | 27° 8 | 19° 8 | 27°25 | 14°37 | 2° 2 | 22°54 | 21°53 | 23°20 | 29°34 | 3°42 | F 6 |
| S 7 | 21 4 18 | 15°50'18 | 4≈32 | 0°15 | 1°34 | 27°47 | 19°20 | 27°26 | 14°38 | 2° 1 | 22°54 | 21°47 | 23°17 | 29°40 | 3°49 | S 7 |
| S 8 | 21 8 15 | 16°47'34 | 16°47 | 0°21 | 2°21 | 28°25 | 19°31 | 27°26 | 14°39 | 1°59 | 22°53 | 21°42 | 23°13 | 29°47 | 3°55 | S 8 |
| M 9 | 21 12 11 | 17°44'51 | 29°11 | 0°33 | 3° 9 | 29° 4 | 19°43 | 27°27 | 14°40 | 1°58 | 22°52 | 21°38 | 23°10 | 29°54 | 4° 1 | M 9 |
| T 10 | 21 16 8 | 18°42'08 | 11 米 45 | 0°51 | 3°58 | 29°42 | 19°55 | 27°28 | 14°41 | 1°56 | 22°51 | 21°36 | 23° 7 | 0중 0 | 4° 7 | T 10 |
| W11 | 21 20 4 | 19°39'25 | 24°31 | 1°14 | 4°48 | 0 m 21 | 20° 7 | 27°29 | 14°42 | 1°55 | 22°51 | 21°D36 | 23° 4 | 0° 7 | 4°13 | W11 |
| T 12 | 21 24 1 | 20°36'43 | 7 Ƴ 30 | 1°42 | 5°38 | 0°59 | 20°19 | 27°31 | 14°43 | 1°53 | 22°50 | 21°37 | 23° 1 | 0°14 | 4°19 | T 12 |
| F 13 | 21 27 57 | 21°34'02 | 20°43 | 2°16 | 6°29 | 1°37 | 20°31 | 27°32 | 14°44 | 1°51 | 22°49 | 21°38 | 22°58 | 0°21 | 4°25 | F 13 |
| S 14 | 21 31 54 | 22°31'21 | 4 8 11 | 2°56 | 7°21 | 2°16 | 20°44 | 27°33 | 14°45 | 1°50 | 22°49 | 21°40 | 22°54 | 0°27 | 4°32 | S 14 |
| S 15 | 21 35 51 | 23°28'41 | 17°56 | 3°42 | 8°13 | 2°54 | 20°56 | 27°35 | 14°46 | 1°48 | 22°48 | 21°R41 | 22°51 | 0°34 | 4°38 | S 15 |
| M16 | 21 39 47 | 24°26'02 | 1 Ⅱ 57 | 4°32 | 9° 6 | 3°32 | 21° 8 | 27°36 | 14°48 | 1°47 | 22°47 | 21°41 | 22°48 | 0°41 | 4°44 | M16 |
| T 17 | 21 43 44 | 25°23'23 | 16°13 | 5°29 | 9°59 | 4°11 | 21°20 | 27°38 | 14°49 | 1°45 | 22°47 | 21°39 | 22°45 | 0°48 | 4°50 | T 17 |
| W18 | 21 47 40 | 26°20'46 | 09543 | 6°30 | 10°53 | 4°49 | 21°33 | 27°40 | 14°50 | 1°43 | 22°46 | 21°37 | 22°42 | 0°54 | 4°56 | W18 |
| T 19 | 21 51 37 | 27°18'09 | 15°22 | 7°37 | 11°48 | 5°27 | 21°45 | 27°42 | 14°52 | 1°42 | 22°46 | 21°34 | 22°39 | 1° 1 | 5° 2 | T 19 |
| F 20 | 21 55 33 | 28°15'34 | 0Ω 4 | 8°49 | 12°43 | 6° 6 | 21°58 | 27°44 | 14°53 | 1°40 | 22°46 | 21°31 | 22°35 | 1° 8 | 5° 8 | F 20 |
| S 21 | 21 59 30 | 29°12'58 | 14°42 | 10° 6 | 13°38 | 6°44 | 22°10 | 27°46 | 14°55 | 1°39 | 22°45 | 21°28 | 22°32 | 1°14 | 5°14 | S 21 |
| S 22 | 22 3 26 | 0 Mp 10'24 | 29° 9 | 11°28 | 14°34 | 7°22 | 22°22 | 27°48 | 14°56 | 1°37 | 22°45 | 21°26 | 22°29 | 1°21 | 5°20 | S 22 |
| M23 | 22 7 23 | 1° 7'50 | 13 m 20 | 12°55 | 15°31 | 8° 1 | 22°35 | 27°50 | 14°58 | 1°35 | 22°44 | 21°25 | 22°26 | 1°28 | 5°25 | M23 |
| T 24 | 22 11 20 | 2° 5'17 | 27°11 | 14°26 | 16°28 | 8°39 | 22°48 | 27°52 | 14°59 | 1°34 | 22°44 | 21°D25 | 22°23 | 1°35 | 5°31 | T 24 |
| W25 | 22 15 16 | 3° 2'45 | 10 ≏ 38 | 16° 2 | 17°25 | 9°17 | 23° 0 | 27°55 | 15° 1 | 1°32 | 22°44 | 21°25 | 22°19 | 1°41 | 5°37 | W25 |
| T 26 | 22 19 13 | 4° 0'13 | 23°42 | 17°41 | 18°23 | 9°55 | 23°13 | 27°57 | 15° 3 | 1°30 | 22°44 | 21°27 | 22°16 | 1°48 | 5°43 | T 26 |
| F 27 | 22 23 9 | 4°57'42 | 6M25 | 19°25 | 19°21 | 10°34 | 23°25 | 28° 0 | 15° 5 | 1°29 | 22°43 | 21°28 | 22°13 | 1°55 | 5°49 | F 27 |
| S 28 | 22 27 6 | 5°55'11 | 18°50 | 21°12 | 20°20 | 11°12 | 23°38 | 28° 3 | 15° 7 | 1°27 | 22°43 | 21°29 | 22°10 | 2° 1 | 5°55 | S 28 |
| S 29 | 22 31 2 | 6°52'41 | 1 √ 0 | 23° 2 | 21°19 | 11°50 | 23°51 | 28° 5 | 15° 9 | 1°25 | 22°43 | 21°30 | 22° 7 | 2° 8 | 6° 0 | S 29 |
| M30 | 22 34 59 | 7°50'12 | 12°59 | 24°55 | 22°18 | 12°28 | 24° 4 | 28° 8 | 15°10 | 1°24 | 22°43 | 21°R30 | 22° 4 | <u>2°15</u> | 6° 6 | M30 |
| T 31 | 22 38 55 | 8 M 47'43 | 24 ₹ 54 | 26 Ω 50 | 239518 | 13 m 7 | 24 Mp 16 | 28 M .11 | 15 M 12 | 1 ∺ 22 | 22 × 43 | 21 m 29 | 22 Mp 0 | 2 3 22 | 6 Ω 12 | T 31 |

Delta T = 02h00m24s

SEPTEMBER 3486 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q | ð | 4 | ħ |)Å(| 并 | В | n | v | Ç | o k | Day |
|------|----------|------------------|----------------|----------------|----------------|---------------|---------------|-----------------|-----------------|---------------|-----------------|----------|----------------|----------------|---------------|------|
| W 1 | 22 42 52 | 9 m 45'15 | 6 ප 47 | 28 Ω 48 | 249518 | 13 Mp 45 | 24 Mp 29 | 28 M .14 | 15 M .14 | 1°R21 | 22°R43 | 21°R28 | 21 m 57 | 2 ප් 28 | 6 Ω 17 | W 1 |
| T 2 | 22 46 49 | 10°42'48 | 18°43 | 0 m /47 | 25°18 | 14°23 | 24°42 | 28°17 | 15°17 | 1 米 19 | 22°D43 | 21 Mp 27 | 21°54 | 2°35 | 6°23 | T 2 |
| F 3 | 22 50 45 | 11°40'22 | 0≈46 | 2°48 | 26°19 | 15° 1 | 24°55 | 28°21 | 15°19 | 1°17 | 22 × 743 | 21°25 | 21°51 | 2°42 | 6°28 | F 3 |
| S 4 | 22 54 42 | 12°37'56 | 12°59 | 4°49 | 27°20 | 15°39 | 25° 8 | 28°24 | 15°21 | 1°16 | 22°43 | 21°24 | 21°48 | 2°49 | 6°34 | S 4 |
| S 5 | 22 58 38 | 13°35'32 | 25°24 | 6°52 | 28°21 | 16°18 | 25°20 | 28°27 | 15°23 | 1°14 | 22°43 | 21°23 | 21°44 | 2°55 | 6°39 | S 5 |
| M 6 | 23 2 35 | 14°33'08 | 8) 3 | 8°54 | 29°23 | 16°56 | 25°33 | 28°31 | 15°25 | 1°13 | 22°43 | 21°23 | 21°41 | 3° 2 | 6°45 | M 6 |
| T 7 | 23 631 | 15°30'45 | 20°56 | 10°57 | $0\Omega_{25}$ | 17°34 | 25°46 | 28°34 | 15°28 | 1°11 | 22°43 | 21°D22 | 21°38 | 3° 9 | 6°50 | T 7 |
| W 8 | 23 10 28 | 16°28'24 | 4 Υ 4 | 13° 0 | 1°27 | 18°12 | 25°59 | 28°38 | 15°30 | 1°10 | 22°43 | 21°23 | 21°35 | 3°15 | 6°56 | W 8 |
| T 9 | 23 14 24 | 17°26'03 | 17°26 | 15° 2 | 2°30 | 18°50 | 26°12 | 28°42 | 15°32 | 1° 8 | 22°44 | 21°23 | 21°32 | 3°22 | 7° 1 | T 9 |
| F 10 | 23 18 21 | 18°23'44 | 18 1 | 17° 4 | 3°33 | 19°29 | 26°25 | 28°46 | 15°35 | 1° 6 | 22°44 | 21°23 | 21°29 | 3°29 | 7° 6 | F 10 |
| S 11 | 23 22 17 | 19°21'27 | 14°48 | 19° 4 | 4°36 | 20° 7 | 26°38 | 28°50 | 15°37 | 1° 5 | 22°44 | 21°23 | 21°25 | 3°36 | 7°11 | S 11 |
| S 12 | 23 26 14 | 20°19'11 | 28°45 | 21° 4 | 5°39 | 20°45 | 26°51 | 28°54 | 15°40 | 1° 3 | 22°44 | 21°24 | 21°22 | 3°42 | 7°16 | S 12 |
| M13 | 23 30 11 | 21°16'57 | 12 Ⅱ 51 | 23° 3 | 6°43 | 21°23 | 27° 4 | 28°58 | 15°42 | 1° 2 | 22°45 | 21°24 | 21°19 | 3°49 | 7°22 | M13 |
| T 14 | 23 34 7 | 22°14'44 | 27° 3 | 25° 1 | 7°47 | 22° 1 | 27°17 | 29° 2 | 15°45 | 1° 0 | 22°45 | 21°24 | 21°16 | 3°56 | 7°27 | T 14 |
| W15 | 23 38 4 | 23°12'33 | 119519 | 26°58 | 8°51 | 22°39 | 27°30 | 29° 6 | 15°47 | 0°59 | 22°46 | 21°24 | 21°13 | 4° 2 | 7°32 | W15 |
| T 16 | 23 42 0 | 24°10'23 | 25°37 | 28°53 | 9°56 | 23°18 | 27°43 | 29°10 | 15°50 | 0°57 | 22°46 | 21°24 | 21°10 | 4° 9 | 7°37 | T 16 |
| F 17 | 23 45 57 | 25° 8'16 | 9 £ 53 | 0 ჲ 47 | 11° 0 | 23°56 | 27°56 | 29°15 | 15°53 | 0°56 | 22°47 | 21°24 | 21° 6 | 4°16 | 7°42 | F 17 |
| S 18 | 23 49 53 | 26° 6'09 | 24° 3 | 2°40 | 12° 5 | 24°34 | 28° 9 | 29°19 | 15°55 | 0°55 | 22°47 | 21°25 | 21° 3 | 4°23 | 7°47 | S 18 |
| S 19 | 23 53 50 | 27° 4'05 | 8Mp 4 | 4°32 | 13°11 | 25°12 | 28°22 | 29°24 | 15°58 | 0°53 | 22°48 | 21°25 | 21° 0 | 4°29 | 7°51 | S 19 |
| M20 | 23 57 46 | 28° 2'01 | 21°53 | 6°22 | 14°16 | 25°50 | 28°35 | 29°28 | 16° 1 | 0°52 | 22°48 | 21°R25 | 20°57 | 4°36 | 7°56 | M20 |
| T 21 | 0 1 43 | 28°59'59 | 5 ≙ 27 | 8°11 | 15°21 | 26°28 | 28°48 | 29°33 | 16° 4 | 0°50 | 22°49 | 21°25 | 20°54 | 4°43 | 8° 1 | T 21 |
| W22 | 0 5 40 | 29°57'59 | 18°43 | 9°58 | 16°27 | 27° 7 | 29° 1 | 29°38 | 16° 7 | 0°49 | 22°50 | 21°24 | 20°50 | 4°49 | 8° 6 | W22 |
| T 23 | 0 9 36 | 0 ჲ 56'00 | 1 M .41 | 11°45 | 17°33 | 27°45 | 29°14 | 29°42 | 16°10 | 0°48 | 22°50 | 21°23 | 20°47 | 4°56 | 8°10 | T 23 |
| F 24 | 0 13 33 | 1°54'02 | 14°21 | 13°30 | 18°39 | 28°23 | 29°27 | 29°47 | 16°13 | 0°46 | 22°51 | 21°22 | 20°44 | 5° 3 | 8°15 | F 24 |
| S 25 | 0 17 29 | 2°52'06 | 26°45 | 15°14 | 19°46 | 29° 1 | 29°40 | 29°52 | 16°16 | 0°45 | 22°52 | 21°20 | 20°41 | 5°10 | 8°19 | S 25 |
| S 26 | 0 21 26 | 3°50'11 | 8 ∡ 755 | 16°56 | 20°52 | 29°39 | 29°53 | 29°57 | 16°19 | 0°44 | 22°52 | 21°19 | 20°38 | 5°16 | 8°24 | S 26 |
| M27 | 0 25 22 | 4°48'18 | 20°56 | 18°37 | 21°59 | 0 ჲ 17 | 0 호 6 | 0 ≯ 2 | 16°22 | 0°42 | 22°53 | 21°18 | 20°35 | 5°23 | 8°28 | M27 |
| T 28 | 0 29 19 | 5°46'26 | 2 ප 50 | 20°18 | 23° 6 | 0°56 | 0°19 | 0° 7 | 16°25 | 0°41 | 22°54 | 21°D17 | 20°31 | 5°30 | 8°33 | T 28 |
| W29 | 0 33 15 | 6°44'35 | 14°43 | 21°56 | 24°13 | 1°34 | 0°32 | 0°13 | 16°28 | 0°40 | 22°55 | 21°18 | 20°28 | 5°36 | 8°37 | W29 |
| T 30 | 0 37 12 | 7 ≏ 42'45 | 26 ට 39 | 23 ≏ 34 | 25 Ω 20 | 2 ≏ 12 | 0 ჲ 45 | 0 ∡ 18 | 16 M 31 | 0 ∺ 39 | 22 ₹ 56 | 21 Mp 18 | 20 m 25 | 5 七 43 | 8 Ω 41 | T 30 |

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OCTOBER 3486 00:00 UT

| Day | Sid.t | 0 | 7 | φ | | σ | 4 | ħ | ₩. | 4 | צ | % | 83 | ţ | 6 | Day |
|------|---------|------------------|----------------|----------------|---------------|----------------|---------------|----------------|-----------------|---------------|----------------|----------------|-----------------|---------------|----------------|------|
| F 1 | 0 41 8 | 8 ≏ 40'57 | 8≈44 | 25 ♀ 11 | 26Ω28 | 2 ≏ 50 | ე <u>ი</u> 58 | 0 ∡ 123 | 16 M .34 | 0°R37 | 22 √ 57 | 21 m/20 | 20 m 22 | 5 る 50 | 8 Ω 45 | F 1 |
| S 2 | 0 45 5 | 9°39'11 | 21° 0 | 26°46 | 27°36 | 3°28 | 1°11 | 0°29 | 16°37 | 0 ∺ 36 | 22°58 | 21°21 | 20°19 | 5°57 | 8°49 | S 2 |
| S 3 | 0 49 2 | 10°37'25 | 3) €32 | 28°20 | 28°43 | 4° 6 | 1°24 | 0°34 | 16°40 | 0°35 | 22°59 | 21°22 | 20°16 | 6° 3 | 8°53 | S 3 |
| M 4 | 0 52 58 | 11°35'42 | 16°23 | 29°53 | 29°51 | 4°44 | 1°37 | 0°40 | 16°44 | 0°34 | 23° 0 | 21°R23 | 20°12 | 6°10 | 8°57 | M 4 |
| T 5 | 0 56 55 | 12°33'59 | 29°33 | 1 M 25 | 0 m 59 | 5°23 | 1°50 | 0°45 | 16°47 | 0°33 | 23° 1 | 21°23 | 20° 9 | 6°17 | 9° 1 | T 5 |
| W 6 | 1 0 51 | 13°32'19 | 13 Y 3 | 2°56 | 2° 8 | 6° 1 | 2° 3 | 0°51 | 16°50 | 0°32 | 23° 2 | 21°22 | 20° 6 | 6°23 | 9° 5 | W 6 |
| T 7 | 1 4 48 | 14°30'40 | 26°51 | 4°26 | 3°16 | 6°39 | 2°15 | 0°57 | 16°54 | 0°31 | 23° 3 | 21°20 | 20° 3 | 6°30 | 9° 9 | T 7 |
| F 8 | 1 8 44 | 15°29'03 | 10 8 54 | 5°54 | 4°25 | 7°17 | 2°28 | 1° 2 | 16°57 | 0°30 | 23° 4 | 21°16 | 20° 0 | 6°37 | 9°12 | F 8 |
| S 9 | 1 12 41 | 16°27'28 | 25° 8 | 7°22 | 5°34 | 7°55 | 2°41 | 1° 8 | 17° 0 | 0°28 | 23° 6 | 21°13 | 19°56 | 6°44 | 9°16 | S 9 |
| S 10 | 1 16 37 | 17°25'55 | 9Ⅱ28 | 8°48 | 6°42 | 8°33 | 2°54 | 1°14 | 17° 4 | 0°27 | 23° 7 | 21° 9 | 19°53 | 6°50 | 9°20 | S 10 |
| M11 | 1 20 34 | 18°24'24 | 23°49 | 10°13 | 7°52 | 9°12 | 3° 7 | 1°20 | 17° 7 | 0°27 | 23° 8 | 21° 7 | 19°50 | 6°57 | 9°23 | M11 |
| T 12 | 1 24 31 | 19°22'55 | 8 95 7 | 11°37 | 9° 1 | 9°50 | 3°19 | 1°26 | 17°11 | 0°26 | 23° 9 | 21° 5 | 19°47 | 7° 4 | 9°26 | T 12 |
| W13 | 1 28 27 | 20°21'29 | 22°20 | 12°59 | 10°10 | 10°28 | 3°32 | 1°32 | 17°14 | 0°25 | 23°11 | 21°D 5 | 19°44 | 7°11 | 9°30 | W13 |
| T 14 | 1 32 24 | 21°20'04 | $6\Omega 25$ | 14°21 | 11°20 | 11° 6 | 3°45 | 1°38 | 17°17 | 0°24 | 23°12 | 21° 5 | 19°41 | 7°17 | 9°33 | T 14 |
| F 15 | 1 36 20 | 22°18'42 | 20°20 | 15°41 | 12°29 | 11°44 | 3°58 | 1°44 | 17°21 | 0°23 | 23°13 | 21° 7 | 19°37 | 7°24 | 9°36 | F 15 |
| S 16 | 1 40 17 | 23°17'22 | 4M) 6 | 17° 0 | 13°39 | 12°23 | 4°10 | 1°50 | 17°24 | 0°22 | 23°15 | 21° 8 | 19°34 | 7°31 | 9°39 | S 16 |
| S 17 | 1 44 13 | 24°16'03 | 17°40 | 18°17 | 14°49 | 13° 1 | 4°23 | 1°56 | 17°28 | 0°21 | 23°16 | 21°R 9 | 19°31 | 7°37 | 9°42 | S 17 |
| M18 | 1 48 10 | 25°14'47 | 1 ♀ 3 | 19°33 | 15°59 | 13°39 | 4°35 | 2° 3 | 17°32 | 0°21 | 23°18 | 21° 9 | 19°28 | 7°44 | 9°45 | M18 |
| T 19 | 1 52 6 | 26°13'33 | 14°14 | 20°48 | 17° 9 | 14°17 | 4°48 | 2° 9 | 17°35 | 0°20 | 23°19 | 21° 7 | 19°25 | 7°51 | 9°48 | T 19 |
| W20 | 1 56 3 | 27°12'21 | 27°12 | 22° 1 | 18°19 | 14°56 | 5° 1 | 2°15 | 17°39 | 0°19 | 23°21 | 21° 3 | 19°21 | 7°58 | 9°51 | W20 |
| T 21 | 1 59 59 | 28°11'10 | 9 M 57 | 23°12 | 19°30 | 15°34 | 5°13 | 2°22 | 17°42 | 0°18 | 23°22 | 20°57 | 19°18 | 8° 4 | 9°54 | T 21 |
| F 22 | 2 3 56 | 29°10'02 | 22°29 | 24°21 | 20°40 | 16°12 | 5°25 | 2°28 | 17°46 | 0°18 | 23°24 | 20°51 | 19°15 | 8°11 | 9°56 | F 22 |
| S 23 | 2 7 53 | OM 8'55 | 4 ₹ 47 | 25°29 | 21°51 | 16°50 | 5°38 | 2°35 | 17°50 | 0°17 | 23°25 | 20°43 | 19°12 | 8°18 | 9°59 | S 23 |
| S 24 | 2 11 49 | 1° 7'50 | 16°55 | 26°34 | 23° 2 | 17°29 | 5°50 | 2°41 | 17°53 | 0°16 | 23°27 | 20°36 | 19° 9 | 8°24 | 10° 1 | S 24 |
| M25 | 2 15 46 | 2° 6'47 | 28°53 | 27°37 | 24°13 | 18° 7 | 6° 3 | 2°48 | 17°57 | 0°16 | 23°28 | 20°31 | 19° 6 | 8°31 | 10° 4 | M25 |
| T 26 | 2 19 42 | 3° 5'46 | 10 ප 46 | 28°38 | 25°23 | 18°45 | 6°15 | 2°54 | 18° 1 | 0°15 | 23°30 | 20°26 | 19° 2 | 8°38 | 10° 6 | T 26 |
| W27 | 2 23 39 | 4° 4'46 | 22°37 | 29°37 | 26°35 | 19°23 | 6°27 | 3° 1 | 18° 4 | 0°15 | 23°32 | 20°24 | 18°59 | 8°45 | 10° 8 | W27 |
| T 28 | 2 27 35 | 5° 3'48 | 4≈32 | 0 ₮ 32 | 27°46 | 20° 2 | 6°39 | 3° 8 | 18° 8 | 0°14 | 23°34 | 20°D23 | 18°56 | 8°51 | 10°10 | T 28 |
| F 29 | 2 31 32 | 6° 2'52 | 16°34 | 1°25 | 28°57 | 20°40 | 6°51 | 3°14 | 18°12 | 0°14 | 23°35 | 20°23 | 18°53 | 8°58 | 10°12 | F 29 |
| S 30 | 2 35 28 | 7° 1'57 | 28°49 | 2°14 | 0 亚 8 | 21°18 | 7° 3 | 3°21 | 18°15 | 0°14 | 23°37 | 20°25 | 18°50 | 9° 5 | 10°14 | S 30 |
| S 31 | 2 39 25 | 8ML 1'04 | 11 米 21 | 2 × 759 | 1 ≏ 20 | 21 ≏ 56 | 7 ≙ 16 | 3 ₹ 28 | 18 M .19 | 0 ∺ 13 | 23 × 39 | 20 m 26 | 18 M)47 | 9 ට 11 | 10 Ω 16 | S 31 |

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NOVEMBER 3486 00:00 UT

| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)ұ(| ¥ | В | ß | v | Ç | , k | Day |
|------|---------|-------------------|-----------------|----------------|----------------|----------------|----------------|---------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|------|
| M 1 | 2 43 22 | 9M 0'13 | 24) (16 | 3 ∡ 741 | 2 ≏ 31 | 22 £ 35 | 7 ≙ 27 | 3 ₹ 35 | 18 M 23 | 0°R13 | 23 ~ 41 | 20°R26 | 18 m /43 | 9 ට 18 | 10Ω18 | M 1 |
| T 2 | 2 47 18 | 9°59'24 | 7 Ƴ 35 | 4°18 | 3°43 | 23°13 | 7°39 | 3°42 | 18°27 | 0) (12 | 23°42 | 20 m 25 | 18°40 | 9°25 | 10°20 | T 2 |
| W 3 | 2 51 15 | 10°58'36 | 21°20 | 4°51 | 4°55 | 23°51 | 7°51 | 3°48 | 18°30 | 0°12 | 23°44 | 20°21 | 18°37 | 9°31 | 10°21 | W 3 |
| T 4 | 2 55 11 | 11°57'50 | 5 8 29 | 5°18 | 6° 7 | 24°30 | 8° 3 | 3°55 | 18°34 | 0°12 | 23°46 | 20°15 | 18°34 | 9°38 | 10°23 | T 4 |
| F 5 | 2 59 8 | 12°57'06 | 19°58 | 5°40 | 7°19 | 25° 8 | 8°15 | 4° 2 | 18°38 | 0°12 | 23°48 | 20° 8 | 18°31 | 9°45 | 10°24 | F 5 |
| S 6 | 3 3 4 | 13°56'24 | 4 ∏ 40 | 5°56 | 8°31 | 25°46 | 8°27 | 4° 9 | 18°42 | 0°12 | 23°50 | 19°59 | 18°27 | 9°52 | 10°26 | S 6 |
| S 7 | 3 7 1 | 14°55'45 | 19°28 | 6° 4 | 9°43 | 26°25 | 8°38 | 4°16 | 18°45 | 0°11 | 23°52 | 19°51 | 18°24 | 9°58 | 10°27 | S 7 |
| M 8 | 3 10 57 | 15°55'07 | 49913 | 6°R 6 | 10°55 | 27° 3 | 8°50 | 4°23 | 18°49 | 0°11 | 23°54 | 19°44 | 18°21 | 10° 5 | 10°28 | M 8 |
| T 9 | 3 14 54 | 16°54'32 | 18°49 | 6° 0 | 12° 7 | 27°41 | 9° 1 | 4°30 | 18°53 | 0°11 | 23°56 | 19°38 | 18°18 | 10°12 | 10°29 | T 9 |
| W10 | 3 18 51 | 17°53'59 | 3 Ω 10 | 5°46 | 13°20 | 28°20 | 9°13 | 4°37 | 18°57 | 0°11 | 23°58 | 19°35 | 18°15 | 10°18 | 10°30 | W10 |
| T 11 | 3 22 47 | 18°53'28 | 17°14 | 5°24 | 14°32 | 28°58 | 9°24 | 4°44 | 19° 1 | 0°D11 | 24° 0 | 19°D34 | 18°12 | 10°25 | 10°31 | T 11 |
| F 12 | 3 26 44 | 19°52'59 | 1 Mp 0 | 4°53 | 15°45 | 29°36 | 9°36 | 4°51 | 19° 4 | 0°11 | 24° 2 | 19°35 | 18° 8 | 10°32 | 10°32 | F 12 |
| S 13 | 3 30 40 | 20°52'32 | 14°30 | 4°13 | 16°57 | 0 M .15 | 9°47 | 4°59 | 19° 8 | 0°11 | 24° 4 | 19°R35 | 18° 5 | 10°39 | 10°33 | S 13 |
| S 14 | 3 34 37 | 21°52'08 | 27°45 | 3°24 | 18°10 | 0°53 | 9°58 | 5° 6 | 19°12 | 0°11 | 24° 6 | 19°35 | 18° 2 | 10°45 | 10°34 | S 14 |
| M15 | 3 38 33 | 22°51'46 | 10 ≏ 46 | 2°28 | 19°23 | 1°32 | 10° 9 | 5°13 | 19°16 | 0°11 | 24° 8 | 19°33 | 17°59 | 10°52 | 10°34 | M15 |
| T 16 | 3 42 30 | 23°51'26 | 23°36 | 1°24 | 20°36 | 2°10 | 10°20 | 5°20 | 19°19 | 0°12 | 24°10 | 19°28 | 17°56 | 10°59 | 10°35 | T 16 |
| W17 | 3 46 26 | 24°51'08 | 6 M 14 | 0°15 | 21°49 | 2°48 | 10°31 | 5°27 | 19°23 | 0°12 | 24°12 | 19°21 | 17°53 | 11° 5 | 10°35 | W17 |
| T 18 | 3 50 23 | 25°50'52 | 18°43 | 29M 1 | 23° 2 | 3°27 | 10°42 | 5°34 | 19°27 | 0°12 | 24°14 | 19°10 | 17°49 | 11°12 | 10°35 | T 18 |
| F 19 | 3 54 20 | 26°50'38 | 1 才 2 | 27°45 | 24°15 | 4° 5 | 10°53 | 5°41 | 19°31 | 0°12 | 24°17 | 18°58 | 17°46 | 11°19 | 10°35 | F 19 |
| S 20 | 3 58 16 | 27°50'26 | 13°12 | 26°29 | 25°28 | 4°44 | 11° 4 | 5°49 | 19°35 | 0°12 | 24°19 | 18°45 | 17°43 | 11°26 | 10°R35 | S 20 |
| S 21 | 4 2 13 | 28°50'16 | 25°14 | 25°15 | 26°41 | 5°22 | 11°14 | 5°56 | 19°38 | 0°13 | 24°21 | 18°32 | 17°40 | 11°32 | 10°35 | S 21 |
| M22 | 4 6 9 | 29°50'07 | 7 る 9 | 24° 5 | 27°54 | 6° 1 | 11°25 | 6° 3 | 19°42 | 0°13 | 24°23 | 18°21 | 17°37 | 11°39 | 10°35 | M22 |
| T 23 | 4 10 6 | 0 ₮ 50'00 | 19° 0 | 23° 3 | 29° 8 | 6°39 | 11°35 | 6°10 | 19°46 | 0°14 | 24°25 | 18°11 | 17°33 | 11°46 | 10°35 | T 23 |
| W24 | 4 14 2 | 1°49'55 | 0≈49 | 22° 9 | 0 M 21 | 7°18 | 11°46 | 6°18 | 19°50 | 0°14 | 24°27 | 18° 4 | 17°30 | 11°52 | 10°35 | W24 |
| T 25 | 4 17 59 | 2°49'52 | 12°40 | 21°24 | 1°35 | 7°56 | 11°56 | 6°25 | 19°53 | 0°14 | 24°30 | 18° 0 | 17°27 | 11°59 | 10°34 | T 25 |
| F 26 | 4 21 55 | 3°49'50 | 24°39 | 20°51 | 2°48 | 8°35 | 12° 6 | 6°32 | 19°57 | 0°15 | 24°32 | 17°58 | 17°24 | 12° 6 | 10°34 | F 26 |
| S 27 | 4 25 52 | 4°49'49 | 6 ¥ 50 | 20°29 | 4° 2 | 9°13 | 12°16 | 6°39 | 20° 1 | 0°15 | 24°34 | 17°D58 | 17°21 | 12°13 | 10°33 | S 27 |
| S 28 | 4 29 49 | 5°49'50 | 19°18 | 20°D19 | 5°15 | 9°52 | 12°26 | 6°47 | 20° 4 | 0°16 | 24°36 | 17°R58 | 17°18 | 12°19 | 10°33 | S 28 |
| M29 | 4 33 45 | 6°49'52 | 2 Υ 9 | 20°21 | 6°29 | 10°30 | 12°36 | 6°54 | 20° 8 | 0°17 | 24°39 | 17°57 | 17°14 | 12°26 | 10°32 | M29 |
| T 30 | 4 37 42 | 7 . ₹49'56 | 15 Y 27 | 20 M 33 | 7 M .43 | 11 M 9 | 12 ≏ 46 | 7 才 1 | 20M12 | 0 ∺ 17 | 24 × 741 | 17 m 55 | 17 m)11 | 12 る 33 | 10 Ω 31 | T 30 |

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| Day | Sid.t | 0 | D | φ, | φ | δ | 4 | ħ |)ţ(| ¥ | Р | r | Ω | Ç | ķ | Day |
|------|---------|-------------------|------------------|----------------|----------------|-----------------|----------------|-----------------|----------------|---------------|-----------------------------|-----------------|-----------------|----------------|----------------|--------------|
| W 1 | 4 41 38 | 8 ₹ 150'02 | 29 Υ 14 | 20 M 55 | 8 M .56 | 11 M .47 | 12 ≏ 56 | 7 ,₹ 7 8 | 20 M 15 | 0 ¥ 18 | 24 × ⁷ 43 | 17°R50 | 17 m) 8 | 12 る 39 | 10°R30 | W 1 |
| T 2 | 4 45 35 | 9°50'09 | 13 8 31 | 21°27 | 10°10 | 12°26 | 13° 5 | 7°16 | 20°19 | 0°19 | 24°46 | 17 Mp 42 | 17° 5 | 12°46 | 10 Ω 29 | T 2 |
| F 3 | 4 49 31 | 10°50'17 | 28°13 | 22° 7 | 11°24 | 13° 4 | 13°15 | 7°23 | 20°23 | 0°19 | 24°48 | 17°32 | 17° 2 | 12°53 | 10°28 | F 3 |
| S 4 | 4 53 28 | 11°50'28 | 13 II 15 | 22°55 | 12°38 | 13°43 | 13°24 | 7°30 | 20°26 | 0°20 | 24°50 | 17°21 | 16°59 | 13° 0 | 10°27 | S 4 |
| S 5 | 4 57 24 | 12°50'40 | 28°25 | 23°50 | 13°52 | 14°22 | 13°34 | 7°37 | 20°30 | 0°21 | 24°52 | 17° 9 | 16°55 | 13° 6 | 10°26 | S 5 |
| M 6 | 5 1 21 | 13°50'54 | 13935 | 24°51 | 15° 6 | 15° 0 | 13°43 | 7°45 | 20°33 | 0°22 | 24°55 | 16°59 | 16°52 | 13°13 | 10°24 | M 6 |
| T 7 | 5 5 18 | 14°51'09 | 28°32 | 25°57 | 16°20 | 15°39 | 13°52 | 7°52 | 20°37 | 0°22 | 24°57 | 16°51 | 16°49 | 13°20 | 10°23 | T 7 |
| W 8 | 5 9 14 | 15°51'27 | 13 Ω 11 | 27° 7 | 17°34 | 16°17 | 14° 1 | 7°59 | 20°40 | 0°23 | 24°59 | 16°46 | 16°46 | 13°26 | 10°21 | W 8 |
| T 9 | 5 13 11 | 16°51'46 | 27°26 | 28°22 | 18°48 | 16°56 | 14°10 | 8° 6 | 20°44 | 0°24 | 25° 2 | 16°43 | 16°43 | 13°33 | 10°20 | T 9 |
| F 10 | 5 17 7 | 17°52'07 | 11 m) 17 | 29°39 | 20° 2 | 17°35 | 14°19 | 8°14 | 20°47 | 0°25 | 25° 4 | 16°43 | 16°39 | 13°40 | 10°18 | F 10 |
| S 11 | 5 21 4 | 18°52'30 | 24°44 | 0 ≯ 59 | 21°17 | 18°13 | 14°27 | 8°21 | 20°51 | 0°26 | 25° 7 | 16°43 | 16°36 | 13°46 | 10°16 | S 11 |
| S 12 | 5 25 0 | 19°52'55 | 7 ≏ 50 | 2°22 | 22°31 | 18°52 | 14°36 | 8°28 | 20°54 | 0°27 | 25° 9 | 16°42 | 16°33 | 13°53 | 10°14 | S 12 |
| M13 | 5 28 57 | 20°53'21 | 20°39 | 3°47 | 23°45 | 19°31 | 14°44 | 8°35 | 20°58 | 0°28 | 25°11 | 16°39 | 16°30 | 14° 0 | 10°12 | M13 |
| T 14 | 5 32 53 | 21°53'49 | 3 M .14 | 5°13 | 25° 0 | 20° 9 | 14°53 | 8°42 | 21° 1 | 0°29 | 25°14 | 16°34 | 16°27 | 14° 7 | 10°10 | T 14 |
| W15 | 5 36 50 | 22°54'19 | 15°37 | 6°41 | 26°14 | 20°48 | 15° 1 | 8°49 | 21° 4 | 0°30 | 25°16 | 16°25 | 16°24 | 14°13 | 10° 8 | W15 |
| T 16 | 5 40 47 | 23°54'51 | 27°51 | 8°10 | 27°29 | 21°27 | 15° 9 | 8°56 | 21° 8 | 0°32 | 25°18 | 16°14 | 16°20 | 14°20 | 10° 6 | T 16 |
| F 17 | 5 44 43 | 24°55'24 | 9 ₹ 758 | 9°39 | 28°43 | 22° 6 | 15°17 | 9° 4 | 21°11 | 0°33 | 25°21 | 16° 0 | 16°17 | 14°27 | 10° 4 | F 17 |
| S 18 | 5 48 40 | 25°55'59 | 21°59 | 11°10 | 29°58 | 22°44 | 15°24 | 9°11 | 21°14 | 0°34 | 25°23 | 15°46 | 16°14 | 14°33 | 10° 1 | S 18 |
| S 19 | 5 52 36 | 26°56'35 | 3 ප 55 | 12°41 | 1 才 12 | 23°23 | 15°32 | 9°18 | 21°18 | 0°35 | 25°25 | 15°31 | 16°11 | 14°40 | 9°59 | S 19 |
| M20 | 5 56 33 | 27°57'13 | 15°47 | 14°13 | 2°27 | 24° 2 | 15°40 | 9°25 | 21°21 | 0°36 | 25°28 | 15°18 | 16° 8 | 14°47 | 9°56 | M20 |
| T 21 | 6 0 29 | 28°57'51 | 27°37 | 15°45 | 3°41 | 24°41 | 15°47 | 9°32 | 21°24 | 0°38 | 25°30 | 15° 7 | 16° 5 | 14°54 | 9°54 | T 21 |
| W22 | 6 4 26 | 29°58'31 | 9≈26 | 17°17 | 4°56 | 25°19 | 15°54 | 9°39 | 21°27 | 0°39 | 25°33 | 14°58 | 16° 1 | 15° 0 | 9°51 | W22 |
| T 23 | 6 8 23 | 0 궁 59'12 | 21°18 | 18°50 | 6°11 | 25°58 | 16° 1 | 9°46 | 21°30 | 0°40 | 25°35 | 14°53 | 15°58 | 15° 7 | 9°48 | T 23 F 24 |
| F 24 | 6 12 19 | 1°59'54 | 3 ₩16 | 20°23 | 7°25 8°40 | 26°37 | 16° 8 | 9°53 9°59 | 21°34 | 0°42 | 25°37 | 14°51 | 15°55 | 15°14 | 9°45 9°42 | F 24 S 25 |
| S 25 | 6 16 16 | 3° 0'37 | 15°25 | 21°56 | | 27°16 | 16°15 | | 21°37 | 0°43 | 25°40 | 14°D50 | 15°52 | 15°20 | | |
| S 26 | 6 20 12 | 4° 1'20 | 27°49 | 23°29 | 9°55 | 27°54 | 16°22 | 10° 6 | 21°40 | 0°44 | 25°42 | 14°R50 | 15°49 | 15°27 | 9°40 | S 26 |
| M27 | 6 24 9 | 5° 2'05 | 10 Y 34 | 25° 2 | 11° 9 | 28°33 | 16°28 | 10°13 | 21°43 | 0°46 | 25°44 | 14°50 | 15°45 | 15°34 | 9°36 | M27 |
| T 28 | 6 28 5 | 6° 2'50 | 23°45 | 26°35 | 12°24 | 29°12 | 16°35 | 10°20 | 21°46 | 0°47 | 25°47 | 14°49 | 15°42 | 15°40 | 9°33 | T 28 |
| W29 | 6 32 2 | 7° 3'37 | 7 8 24 | 28° 9 | 13°39 | 29°51 | 16°41 | 10°27 | 21°49 | 0°49 | 25°49 | 14°45 | 15°39 | 15°47 | 9°30 | W29 |
| T 30 | 6 35 58 | 8° 4'24 | 21°33 | 29°42 | 14°54 | 0 ₹ 30 | 16°47 | 10°33 | 21°52 | 0°50 | 25°51 | 14°39 | 15°36 | 15°54 | 9°27 | T 30 |
| F 31 | 6 39 55 | 9궁 5'12 | 6 Ⅱ 12 | 1 る 16 | 16 才 9 | 1 才 9 | 16 ≏ 53 | 10 才 40 | 21 M 54 | 0 米 52 | 25 ₹ 54 | 14 m /31 | 15 m 33 | 16 ප 1 | 9 Ω 24 | F 31 |

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JANUARY 3487 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q | ♂ | 4 | ħ |)∤(| ¥ | В | P | Ω | Ç | o k | Day |
|------|---------|----------|-----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|---------------|----------------|------------------|----------------|----------------|---------------|------|
| S 1 | 6 43 52 | 10궁 6'00 | 21 I I14 | 2 ප් 49 | 17 ×7 24 | 1 , 747 | 16 ≏ 59 | 10 ∡ 47 | 21 M 57 | 0 ∺ 54 | 25 ₹ 56 | 14°R21 | 15 m 30 | 16 ප 7 | 9°R20 | S 1 |
| S 2 | 6 47 48 | 11° 6'50 | 6932 | 4°23 | 18°38 | 2°26 | 17° 4 | 10°53 | 22° 0 | 0°55 | 25°58 | 14 m p 11 | 15°26 | 16°14 | 9 Ω 17 | S 2 |
| M 3 | 6 51 45 | 12° 7'41 | 21°53 | 5°56 | 19°53 | 3° 5 | 17°10 | 11° 0 | 22° 3 | 0°57 | 26° 0 | 14° 2 | 15°23 | 16°21 | 9°14 | M 3 |
| T 4 | 6 55 41 | 13° 8'32 | 7 Ω 6 | 7°30 | 21° 8 | 3°44 | 17°15 | 11° 6 | 22° 6 | 0°58 | 26° 3 | 13°55 | 15°20 | 16°27 | 9°10 | T 4 |
| W 5 | 6 59 38 | 14° 9'25 | 22° 2 | 9° 4 | 22°23 | 4°23 | 17°20 | 11°13 | 22° 8 | 1° 0 | 26° 5 | 13°51 | 15°17 | 16°34 | 9° 6 | W 5 |
| T 6 | 7 3 34 | 15°10'18 | 6 m 33 | 10°37 | 23°38 | 5° 2 | 17°25 | 11°19 | 22°11 | 1° 2 | 26° 7 | 13°49 | 15°14 | 16°41 | 9° 3 | T 6 |
| F 7 | 7 7 3 1 | 16°11'13 | 20°37 | 12°11 | 24°53 | 5°41 | 17°30 | 11°26 | 22°14 | 1° 4 | 26°10 | 13°D49 | 15°11 | 16°48 | 8°59 | F 7 |
| S 8 | 7 11 27 | 17°12'08 | 4 ₾ 13 | 13°45 | 26° 8 | 6°20 | 17°35 | 11°32 | 22°16 | 1° 5 | 26°12 | 13°49 | 15° 7 | 16°54 | 8°55 | S 8 |
| S 9 | 7 15 24 | 18°13'05 | 17°23 | 15°19 | 27°23 | 6°59 | 17°39 | 11°39 | 22°19 | 1° 7 | 26°14 | 13°R50 | 15° 4 | 17° 1 | 8°52 | S 9 |
| M10 | 7 19 21 | 19°14'03 | 0 M J11 | 16°54 | 28°38 | 7°38 | 17°44 | 11°45 | 22°21 | 1° 9 | 26°16 | 13°49 | 15° 1 | 17° 8 | 8°48 | M10 |
| T 11 | 7 23 17 | 20°15'01 | 12°41 | 18°28 | 29°53 | 8°17 | 17°48 | 11°51 | 22°24 | 1°11 | 26°18 | 13°47 | 14°58 | 17°14 | 8°44 | T 11 |
| W12 | 7 27 14 | 21°16'01 | 24°57 | 20° 3 | 1る8 | 8°56 | 17°52 | 11°57 | 22°26 | 1°13 | 26°21 | 13°42 | 14°55 | 17°21 | 8°40 | W12 |
| T 13 | 7 31 10 | 22°17'01 | 7 .₹ 2 | 21°37 | 2°24 | 9°35 | 17°55 | 12° 3 | 22°28 | 1°14 | 26°23 | 13°34 | 14°51 | 17°28 | 8°36 | T 13 |
| F 14 | 7 35 7 | 23°18'02 | 19° 1 | 23°12 | 3°39 | 10°14 | 17°59 | 12° 9 | 22°31 | 1°16 | 26°25 | 13°25 | 14°48 | 17°34 | 8°32 | F 14 |
| S 15 | 7 39 3 | 24°19'04 | 0 궁 55 | 24°47 | 4°54 | 10°53 | 18° 3 | 12°15 | 22°33 | 1°18 | 26°27 | 13°15 | 14°45 | 17°41 | 8°28 | S 15 |
| S 16 | 7 43 0 | 25°20'07 | 12°46 | 26°23 | 6° 9 | 11°32 | 18° 6 | 12°21 | 22°35 | 1°20 | 26°29 | 13° 5 | 14°42 | 17°48 | 8°24 | S 16 |
| M17 | 7 46 56 | 26°21'10 | 24°37 | 27°58 | 7°24 | 12°11 | 18° 9 | 12°27 | 22°37 | 1°22 | 26°31 | 12°56 | 14°39 | 17°55 | 8°20 | M17 |
| T 18 | 7 50 53 | 27°22'13 | 6≈28 | 29°34 | 8°39 | 12°50 | 18°12 | 12°33 | 22°39 | 1°24 | 26°34 | 12°48 | 14°36 | 18° 1 | 8°16 | T 18 |
| W19 | 7 54 50 | 28°23'17 | 18°22 | 1≈10 | 9°54 | 13°29 | 18°14 | 12°39 | 22°42 | 1°26 | 26°36 | 12°43 | 14°32 | 18° 8 | 8°12 | W19 |
| T 20 | 7 58 46 | 29°24'21 | 0 ∺ 20 | 2°46 | 11°10 | 14° 8 | 18°17 | 12°45 | 22°44 | 1°28 | 26°38 | 12°40 | 14°29 | 18°15 | 8° 8 | T 20 |
| F 21 | 8 2 43 | 0≈25'25 | 12°24 | 4°23 | 12°25 | 14°47 | 18°19 | 12°50 | 22°46 | 1°30 | 26°40 | 12°D39 | 14°26 | 18°21 | 8° 4 | F 21 |
| S 22 | 8 6 39 | 1°26'29 | 24°39 | 6° 0 | 13°40 | 15°26 | 18°22 | 12°56 | 22°47 | 1°32 | 26°42 | 12°40 | 14°23 | 18°28 | 8° 0 | S 22 |
| S 23 | 8 10 36 | 2°27'33 | 7 Υ 6 | 7°37 | 14°55 | 16° 5 | 18°24 | 13° 2 | 22°49 | 1°34 | 26°44 | 12°41 | 14°20 | 18°35 | 7°55 | S 23 |
| M24 | 8 14 32 | 3°28'38 | 19°51 | 9°14 | 16°10 | 16°44 | 18°25 | 13° 7 | 22°51 | 1°36 | 26°46 | 12°43 | 14°16 | 18°41 | 7°51 | M24 |
| T 25 | 8 18 29 | 4°29'42 | 2 8 56 | 10°52 | 17°26 | 17°23 | 18°27 | 13°13 | 22°53 | 1°38 | 26°48 | 12°R44 | 14°13 | 18°48 | 7°47 | T 25 |
| W26 | 8 22 25 | 5°30'46 | 16°26 | 12°30 | 18°41 | 18° 2 | 18°28 | 13°18 | 22°55 | 1°40 | 26°50 | 12°43 | 14°10 | 18°55 | 7°43 | W26 |
| T 27 | 8 26 22 | 6°31'50 | 0П22 | 14° 8 | 19°56 | 18°41 | 18°30 | 13°23 | 22°56 | 1°42 | 26°52 | 12°41 | 14° 7 | 19° 2 | 7°39 | T 27 |
| F 28 | 8 30 19 | 7°32'53 | 14°45 | 15°46 | 21°11 | 19°21 | 18°31 | 13°28 | 22°58 | 1°44 | 26°54 | 12°37 | 14° 4 | 19° 8 | 7°34 | F 28 |
| S 29 | 8 34 15 | 8°33'57 | 29°31 | 17°25 | 22°27 | 20° 0 | 18°31 | 13°34 | 23° 0 | 1°47 | 26°56 | 12°32 | 14° 1 | 19°15 | 7°30 | S 29 |
| S 30 | 8 38 12 | 9°35'00 | 14935 | 19° 4 | 23°42 | 20°39 | 18°32 | 13°39 | 23° 1 | 1°49 | 26°57 | 12°27 | 13°57 | 19°22 | 7°26 | S 30 |
| M31 | 8 42 8 | 10≈36'03 | 299548 | 20≈42 | 24 궁 57 | 21 ~ 18 | 18 ≏ 33 | 13 ∡ 144 | 23M 3 | 1 米 51 | 26 ₹ 59 | 12 m /22 | 13 m 54 | 19 る 28 | 7Ω 22 | M31 |

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|------|----------|------------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|------------------|---------------|-----------------|------------------|----------------|----------------|---------------|------|
| T 1 | 8 46 5 | 11≈37'06 | 14 Ω 59 | 22≈21 | 26 궁 12 | 21 × 757 | 18 ≏ 33 | 13 × 749 | 23 M 4 | 1 米 53 | 27 ₹ 1 | 12°R19 | 13 m 51 | 19 る 35 | 7°R18 | T 1 |
| W 2 | 8 50 1 | 12°38'09 | 29°59 | 24° 0 | 27°28 | 22°36 | 18°R33 | 13°54 | 23° 6 | 1°55 | 27° 3 | 12 m) 17 | 13°48 | 19°42 | 7Ω 13 | W 2 |
| T 3 | 8 53 58 | 13°39'12 | 14 M)40 | 25°39 | 28°43 | 23°15 | 18°33 | 13°58 | 23° 7 | 1°57 | 27° 5 | 12°D16 | 13°45 | 19°48 | 7° 9 | T 3 |
| F 4 | 8 57 55 | 14°40'14 | 28°55 | 27°17 | 29°58 | 23°54 | 18°33 | 14° 3 | 23° 8 | 1°59 | 27° 7 | 12°17 | 13°42 | 19°55 | 7° 5 | F 4 |
| S 5 | 9 1 51 | 15°41'17 | 12 ≏ 43 | 28°55 | 1≈13 | 24°34 | 18°32 | 14° 8 | 23° 9 | 2° 2 | 27° 8 | 12°19 | 13°38 | 20° 2 | 7° 1 | S 5 |
| S 6 | 9 5 48 | 16°42'20 | 26° 3 | 0 ∺ 33 | 2°29 | 25°13 | 18°31 | 14°12 | 23°10 | 2° 4 | 27°10 | 12°20 | 13°35 | 20° 8 | 6°57 | S 6 |
| M 7 | 9 9 44 | 17°43'22 | 8 M 58 | 2°10 | 3°44 | 25°52 | 18°30 | 14°17 | 23°12 | 2° 6 | 27°12 | 12°21 | 13°32 | 20°15 | 6°52 | M 7 |
| T 8 | 9 13 41 | 18°44'25 | 21°31 | 3°45 | 4°59 | 26°31 | 18°29 | 14°21 | 23°13 | 2° 8 | 27°13 | 12°R22 | 13°29 | 20°22 | 6°48 | T 8 |
| W 9 | 9 17 37 | 19°45'28 | 3 ∡ 748 | 5°20 | 6°15 | 27°10 | 18°28 | 14°26 | 23°14 | 2°11 | 27°15 | 12°21 | 13°26 | 20°29 | 6°44 | W 9 |
| T 10 | 9 21 34 | 20°46'30 | 15°52 | 6°53 | 7°30 | 27°50 | 18°27 | 14°30 | 23°15 | 2°13 | 27°17 | 12°19 | 13°22 | 20°35 | 6°40 | T 10 |
| F 11 | 9 25 30 | 21°47'32 | 27°47 | 8°24 | 8°45 | 28°29 | 18°25 | 14°34 | 23°16 | 2°15 | 27°18 | 12°16 | 13°19 | 20°42 | 6°36 | F 11 |
| S 12 | 9 29 27 | 22°48'34 | 9 ⋜ 38 | 9°53 | 10° 1 | 29° 8 | 18°23 | 14°38 | 23°16 | 2°17 | 27°20 | 12°13 | 13°16 | 20°49 | 6°32 | S 12 |
| S 13 | 9 33 23 | 23°49'36 | 21°27 | 11°19 | 11°16 | 29°47 | 18°21 | 14°42 | 23°17 | 2°20 | 27°21 | 12°10 | 13°13 | 20°55 | 6°28 | S 13 |
| M14 | 9 37 20 | 24°50'37 | 3≈19 | 12°41 | 12°31 | 0 궁 27 | 18°19 | 14°46 | 23°18 | 2°22 | 27°23 | 12° 7 | 13°10 | 21° 2 | 6°24 | M14 |
| T 15 | 9 41 17 | 25°51'38 | 15°14 | 14° 0 | 13°46 | 1° 6 | 18°17 | 14°50 | 23°19 | 2°24 | 27°24 | 12° 5 | 13° 7 | 21° 9 | 6°20 | T 15 |
| W16 | 9 45 13 | 26°52'38 | 27°15 | 15°14 | 15° 2 | 1°45 | 18°14 | 14°54 | 23°19 | 2°26 | 27°26 | 12° 3 | 13° 3 | 21°15 | 6°16 | W16 |
| T 17 | 9 49 10 | 27°53'38 | 9 ∺ 24 | 16°22 | 16°17 | 2°24 | 18°11 | 14°57 | 23°20 | 2°29 | 27°27 | 12°D 2 | 13° 0 | 21°22 | 6°13 | T 17 |
| F 18 | 9 53 6 | 28°54'37 | 21°43 | 17°25 | 17°32 | 3° 4 | 18° 8 | 15° 1 | 23°20 | 2°31 | 27°28 | 12° 3 | 12°57 | 21°29 | 6° 9 | F 18 |
| S 19 | 9 57 3 | 29°55'35 | 4 Υ 11 | 18°20 | 18°48 | 3°43 | 18° 5 | 15° 4 | 23°21 | 2°33 | 27°30 | 12° 3 | 12°54 | 21°36 | 6° 5 | S 19 |
| S 20 | 10 0 59 | 0 ∺ 56'32 | 16°53 | 19° 7 | 20° 3 | 4°22 | 18° 2 | 15° 8 | 23°21 | 2°35 | 27°31 | 12° 4 | 12°51 | 21°42 | 6° 1 | S 20 |
| M21 | 10 4 56 | 1°57'28 | 29°48 | 19°46 | 21°18 | 5° 2 | 17°58 | 15°11 | 23°21 | 2°38 | 27°32 | 12° 6 | 12°48 | 21°49 | 5°58 | M21 |
| T 22 | 10 8 52 | 2°58'23 | 13 8 0 | 20°15 | 22°34 | 5°41 | 17°55 | 15°14 | 23°22 | 2°40 | 27°34 | 12° 6 | 12°44 | 21°56 | 5°54 | T 22 |
| W23 | 10 12 49 | 3°59'17 | 26°29 | 20°35 | 23°49 | 6°20 | 17°51 | 15°18 | 23°22 | 2°42 | 27°35 | 12° 7 | 12°41 | 22° 2 | 5°51 | W23 |
| T 24 | 10 16 46 | 5° 0'10 | 10∏18 | 20°R43 | 25° 4 | 6°59 | 17°47 | 15°21 | 23°22 | 2°45 | 27°36 | 12°R 7 | 12°38 | 22° 9 | 5°47 | T 24 |
| F 25 | 10 20 42 | 6° 1'01 | 24°25 | 20°40 | 26°20 | 7°39 | 17°42 | 15°23 | 23°22 | 2°47 | 27°37 | 12° 7 | 12°35 | 22°16 | 5°44 | F 25 |
| S 26 | 10 24 39 | 7° 1'52 | 8 9 50 | 20°27 | 27°35 | 8°18 | 17°38 | 15°26 | 23°R22 | 2°49 | 27°38 | 12° 6 | 12°32 | 22°22 | 5°40 | S 26 |
| S 27 | 10 28 35 | 8° 2'41 | 23°29 | 20° 2 | 28°50 | 8°57 | 17°34 | 15°29 | 23°22 | 2°51 | 27°40 | 12° 6 | 12°28 | 22°29 | 5°37 | S 27 |
| M28 | 10 32 32 | 9 米 3′29 | 8 Ω 17 | 19 米 26 | 0 米 5 | 9 ට 36 | 17 ≏ 29 | 15 ₹ 32 | 23 M 22 | 2) 54 | 27 . 741 | 12 m y 5 | 12 m 25 | 22 る 36 | 5 Ω 34 | M28 |

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|-------------|----------------------|------------------------------|---------------------------------|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|-----------------|--------------------------|--------------------------|------------------------|-----------------------|-------------|
| T 1 | 10 36 28 | 10 米 4'15 | 230 7 | 18°R41 | 1 ∺ 21 | 10 궁 16 | 17°R24 | 15 × 34 | 23°R22 | 2 ∺ 56 | 27 × 742 | 12°R 5 | 12 m 22 | 22 정 42 | 5°R31 | T 1 |
| W 2 T 3 | 10 40 25 10 44 21 | 11° 5'01 12° 5'45 | 7 M 53 22°26 | 17) €47 16°46 | 2°36 3°51 | 10°55 11°34 | 17 ≙ 19 17°14 | 15°37 15°39 | 23M22 23°22 | 2°58 3° 0 | 27°43 27°44 | 12°D 5 12°R 5 | 12°19 12°16 | 22°49 22°56 | 5 Ω 28 5°24 | W 2 T 3 |
| F 4 | 10 44 21 | 12 343 13° 6'28 | 6 <u>Ω</u> 40 | 15°40 | 5° 6 | 11°14 | 17 14 17° 9 | 15°41 | 23°21 | 3° 3 | 27°45 | 12 K 3 | 12°13 | 22° 30° 2 | 5°21 | F 4 |
| S 5 | 10 52 15 | 14° 7'10 | 20°32 | 14°30 | 6°22 | 12°53 | 17° 3 | 15°44 | 23°21 | 3° 5 | 27°46 | 12° 5 | 12° 9 | 23° 9 | 5°19 | S 5 |
| S 6 | 10 56 11 | 15° 7'51 | 3 M .59 | 13°19 | 7°37 | 13°32 | 16°58 | 15°46 | 23°21 | 3° 7 | 27°46 | 12° 4 | 12° 6 | 23°16 | 5°16 | S 6 |
| M 7 | 11 0 8 | 16° 8'31 | 17° 1 | 12° 8 | 8°52 | 14°12 | 16°52 | 15°48 | 23°20 | 3° 9 | 27°47 | 12° 4 | 12° 3 | 23°23 | 5°13 | M 7 |
| T 8 | 11 4 4 | 17° 9'11 | 29°41 | 11° 0 | 10° 7 | 14°51 | 16°46 | 15°49 | 23°20 | 3°12 | 27°48 | 12° 4 | 12° 0 | 23°29 | 5°10 | T 8 |
| W 9 T 10 | 11 8 1 11 11 57 | 18° 9'49 19°10'26 | 12 ×7 2 24° 8 | 9°55 8°56 | 11°23 12°38 | 15°30 16°10 | 16°40 16°34 | 15°51 15°53 | 23°19 23°19 | 3°14 3°16 | 27°49 27°50 | 12° 3 12°D 3 | 11°57 11°54 | 23°36 23°43 | 5° 8 5° 5 | W 9 T 10 |
| F 11 | 11 11 57 | 20°11'02 | ²⁴ 8 6 ප 4 | 8° 3 | 12°53 | 16°49 | 16°27 | 15°54 | 23°18 | 3°18 | 27°50 | 12 D 3 | 11°50 | 23°49 | 5° 3 | F 11 |
| S 12 | 11 19 50 | 21°11'37 | 17°55 | 7°17 | 15° 8 | 17°28 | 16°21 | 15°56 | 23°17 | 3°20 | 27°51 | 12° 4 | 11°47 | 23°56 | 5° 0 | S 12 |
| S 13 | 11 23 47 | 22°12'11 | 29°45 | 6°38 | 16°24 | 18° 8 | 16°15 | 15°57 | 23°16 | 3°23 | 27°52 | 12° 5 | 11°44 | 24° 3 | 4°58 | S 13 |
| M14 | 11 27 44 | 23°12'44 | 11 ≈ 38 | 6° 7 | 17°39 | 18°47 | 16° 8 | 15°59 | 23°16 | 3°25 | 27°52 | 12° 6 | 11°41 | 24° 9 | 4°56 | M14 |
| T 15 | 11 31 40 | 24°13'16 | 23°38 | 5°44 | 18°54 | 19°26 | 16° 1 | 16° 0 | 23°15 | 3°27 | 27°53 | 12° 7 | 11°38 | 24°16 | 4°53 | T 15 |
| W16 T 17 | 11 35 37 11 39 33 | 25°13'46 26°14'14 | 5) 48 18° 9 | 5°28 5°20 | 20° 9 21°24 | 20° 6 20°45 | 15°54 15°47 | 16° 1 16° 2 | 23°14 23°13 | 3°29 3°31 | 27°53 27°54 | 12° 8 12°R 8 | 11°34 11°31 | 24°23 24°29 | 4°51 4°49 | W16 T 17 |
| F 18 | 11 39 33 | 26°14°14 27°14'42 | 0 Υ 45 | 5°D18 | 21°24 22°39 | 20°45 21°24 | 15°47 | 16° 2 | 23°13 23°12 | 3°33 | 27°54 27°54 | 12°K 8 | 11°28 | 24°29 24°36 | 4°49 4°47 | F 18 |
| S 19 | 11 47 26 | 28°15'07 | 13°34 | 5°24 | 23°55 | 22° 4 | 15°33 | 16° 3 | 23°11 | 3°36 | 27°55 | 12° 6 | 11°25 | 24°43 | 4°46 | S 19 |
| S 20 | 11 51 23 | 29°15'31 | 26°38 | 5°36 | 25°10 | 22°43 | 15°26 | 16° 4 | 23°10 | 3°38 | 27°55 | 12° 3 | 11°22 | 24°49 | 4°44 | S 20 |
| M21 | 11 55 19 | 0 Υ 15'54 | 9 8 55 | 5°53 | 26°25 | 23°22 | 15°19 | 16° 4 | 23° 8 | 3°40 | 27°56 | 12° 1 | 11°19 | 24°56 | 4°42 | M21 |
| T 22 | 11 59 16 | 1°16'15 | 23°26 | 6°16 | 27°40 | 24° 2 | 15°11 | 16° 5 | 23° 7 | 3°42 | 27°56 | 11°58 | 11°15 | 25° 3 | 4°41 | T 22 |
| W23 T 24 | 12 3 12 12 7 9 | 2°16'33 3°16'50 | 7 Ⅲ 8 21° 1 | 6°45 7°18 | 28°55 0 Y 10 | 24°41 25°20 | 15° 4 14°56 | 16° 5 16° 5 | 23° 6 23° 5 | 3°44 3°46 | 27°56 27°56 | 11°56 11°54 | 11°12 11° 9 | 25°10 25°16 | 4°39 4°38 | W23 T 24 |
| F 25 | 12 11 6 | 4°17'06 | 599 3 | 7°55 | 1°25 | 26° 0 | 14°49 | 16° 6 | 23° 3 | 3°48 | 27°57 | 11°D54 | 11° 6 | 25°23 | 4°37 | F 25 |
| S 26 | 12 15 2 | 5°17'19 | 19°14 | 8°37 | 2°40 | 26°39 | 14°41 | 16°R 6 | 23° 2 | 3°50 | 27°57 | 11°54 | 11° 3 | 25°30 | 4°35 | S 26 |
| S 27 | 12 18 59 | 6°17'30 | 3 Ω 31 | 9°23 | 3°55 | 27°18 | 14°34 | 16° 5 | 23° 0 | 3°52 | 27°57 | 11°56 | 10°59 | 25°36 | 4°34 | S 27 |
| M28 | 12 22 55 | 7°17'39 | 17°53 | 10°12 | 5°10 | 27°57 | 14°26 | 16° 5 | 22°59 | 3°54 | 27°57 | 11°57 | 10°56 | 25°43 | 4°33 | M28 |
| T 29 | 12 26 52 | 8°17'46 | 2 Mp 14 | 11° 4 | 6°25 | 28°37 | 14°18 | 16° 5 | 22°57 | 3°56 | 27°57 | 11°58 | 10°53 | 25°50 | 4°32 | T 29 |
| W30 T 31 | 12 30 48 12 34 45 | 9°17'51 10 ° 17'54 | 16°32 0 Ω 43 | 11°59 12) 58 | 7°40 8 Ƴ 55 | 29°16 29 る 55 | 14°11 14 ♀ 3 | 16° 5 16 ×7 4 | 22°56 22 M 54 | 3°58 4 ₩ 0 | 27°57 27°R57 | 11°R59 11 m 57 | 10°50 10 m)47 | 25°56 26 る 3 | 4°32 4 Ω 31 | W30 T 31 |
| 1 31 | 14 34 43 | 10 1/34 | 0==43 | 12/(38 | 0133 | 29000 | 14== 3 | 108. 4 | 4411 6 34 | 4 / (0 | 4/ KJ/ | 11 JUJ / | 10 IIJ4/ | 200 3 | 40631 | 1 31 |

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| F 1 | 12 38 41 | 11 Y 17'56 | 14 ≏ 41 | 13 米 59 | 10 Y 10 | 0≈35 | 13°R55 | 16°R 3 | 22°R52 | 4) € 2 | 27°R57 | 11°R55 | 10 m)44 | 26 궁 10 | 4°R30 | F 1 |
| S 2 | 12 42 38 | 12°17'55 | 28°22 | 15° 2 | 11°25 | 1°14 | 13 ≏ 47 | 16 ⋌ ¹ 3 | 22 M 51 | 4° 4 | 27 × 757 | 11 m /51 | 10°40 | 26°16 | 4 Ω 30 | S 2 |
| S 3 | 12 46 35 | 13°17'53 | 11 M .45 | 16° 8 | 12°40 | 1°53 | 13°39 | 16° 2 | 22°49 | 4° 5 | 27°57 | 11°46 | 10°37 | 26°23 | 4°29 | S 3 |
| M 4 | 12 50 31 | 14°17'49 | 24°47 | 17°17 | 13°55 | 2°32 | 13°32 | 16° 1 | 22°47 | 4° 7 | 27°57 | 11°40 | 10°34 | 26°30 | 4°29 | M 4 |
| T 5 | 12 54 28 | 15°17'44 | 7 .₹ 29 | 18°27 | 15°10 | 3°12 | 13°24 | 16° 0 | 22°45 | 4° 9 | 27°57 | 11°35 | 10°31 | 26°36 | 4°28 | T 5 |
| W 6 | 12 58 24 | 16°17'37 | 19°53 | 19°39 | 16°25 | 3°51 | 13°16 | 15°59 | 22°44 | 4°11 | 27°57 | 11°31 | 10°28 | 26°43 | 4°28 | W 6 |
| T 7 | 13 221 | 17°17'29 | 2පි 1 | 20°54 | 17°40 | 4°30 | 13° 8 | 15°58 | 22°42 | 4°13 | 27°56 | 11°28 | 10°25 | 26°50 | 4°D28 | T 7 |
| F 8 | 13 6 17 | 18°17'19 | 13°59 | 22°10 | 18°54 | 5° 9 | 13° 0 | 15°56 | 22°40 | 4°15 | 27°56 | 11°D26 | 10°21 | 26°56 | 4°28 | F 8 |
| S 9 | 13 10 14 | 19°17'07 | 25°50 | 23°28 | 20° 9 | 5°48 | 12°53 | 15°55 | 22°38 | 4°16 | 27°56 | 11°27 | 10°18 | 27° 3 | 4°28 | S 9 |
| S 10 | 13 14 10 | 20°16'54 | 7≈40 | 24°47 | 21°24 | 6°28 | 12°45 | 15°54 | 22°36 | 4°18 | 27°56 | 11°28 | 10°15 | 27°10 | 4°29 | S 10 |
| M11 | 13 18 7 | 21°16'39 | 19°34 | 26° 8 | 22°39 | 7° 7 | 12°37 | 15°52 | 22°34 | 4°20 | 27°55 | 11°29 | 10°12 | 27°16 | 4°29 | M11 |
| T 12 | 13 22 3 | 22°16'22 | 1) 37 | 27°31 | 23°54 | 7°46 | 12°30 | 15°50 | 22°32 | 4°21 | 27°55 | 11°31 | 10° 9 | 27°23 | 4°29 | T 12 |
| W13 | 13 26 0 | 23°16'04 | 13°53 | 28°55 | 25° 9 | 8°25 | 12°22 | 15°48 | 22°29 | 4°23 | 27°54 | 11°R31 | 10° 5 | 27°30 | 4°30 | W13 |
| T 14 | 13 29 57 | 24°15'43 | 26°25 | o Υ 21 | 26°23 | 9° 4 | 12°14 | 15°47 | 22°27 | 4°25 | 27°54 | 11°30 | 10° 2 | 27°37 | 4°30 | T 14 |
| F 15 | 13 33 53 | 25°15'22 | 9 Υ 15 | 1°49 | 27°38 | 9°43 | 12° 7 | 15°45 | 22°25 | 4°26 | 27°53 | 11°27 | 9°59 | 27°43 | 4°31 | F 15 |
| S 16 | 13 37 50 | 26°14'58 | 22°25 | 3°17 | 28°53 | 10°23 | 12° 0 | 15°42 | 22°23 | 4°28 | 27°53 | 11°22 | 9°56 | 27°50 | 4°32 | S 16 |
| S 17 | 13 41 46 | 27°14'32 | 5 8 54 | 4°47 | 08 7 | 11° 2 | 11°52 | 15°40 | 22°21 | 4°29 | 27°52 | 11°15 | 9°53 | 27°57 | 4°33 | S 17 |
| M18 | 13 45 43 | 28°14'04 | 19°38 | 6°19 | 1°22 | 11°41 | 11°45 | 15°38 | 22°18 | 4°31 | 27°52 | 11° 7 | 9°50 | 28° 3 | 4°34 | M18 |
| T 19 | 13 49 39 | 29°13'35 | 3耳36 | 7°52 | 2°37 | 12°20 | 11°38 | 15°36 | 22°16 | 4°33 | 27°51 | 10°59 | 9°46 | 28°10 | 4°35 | T 19 |
| W20 | 13 53 36 | 0813'03 | 17°41 | 9°26 | 3°51 | 12°59 | 11°31 | 15°33 | 22°14 | 4°34 | 27°51 | 10°52 | 9°43 | 28°17 | 4°36 | W20 |
| T 21 | 13 57 32 | 1°12'29 | 1952 | 11° 2 | 5° 6 | 13°38 | 11°24 | 15°31 | 22°12 | 4°35 | 27°50 | 10°46 | 9°40 | 28°23 | 4°37 | T 21 |
| F 22 | 14 1 29 | 2°11'53 | 16° 4 | 12°39 | 6°21 | 14°17 | 11°17 | 15°28 | 22° 9 | 4°37 | 27°49 | 10°43 | 9°37 | 28°30 | 4°38 | F 22 |
| S 23 | 14 5 26 | 3°11'15 | 0 Ω 14 | 14°18 | 7°35 | 14°56 | 11°10 | 15°26 | 22° 7 | 4°38 | 27°48 | 10°D42 | 9°34 | 28°37 | 4°40 | S 23 |
| S 24 | 14 9 22 | 4°10'34 | 14°21 | 15°58 | 8°50 | 15°35 | 11° 3 | 15°23 | 22° 4 | 4°40 | 27°48 | 10°42 | 9°30 | 28°43 | 4°41 | S 24 |
| M25 | 14 13 19 | 5° 9'51 | 28°24 | 17°39 | 10° 4 | 16°14 | 10°57 | 15°20 | 22° 2 | 4°41 | 27°47 | 10°43 | 9°27 | 28°50 | 4°43 | M25 |
| T 26 | 14 17 15 | 6° 9'06 | 12 m 21 | 19°21 | 11°19 | 16°53 | 10°50 | 15°17 | 22° 0 | 4°42 | 27°46 | 10°R44 | 9°24 | 28°57 | 4°45 | T 26 |
| W27 | 14 21 12 | 7° 8'18 | 26°12 | 21° 6 | 12°33 | 17°32 | 10°44 | 15°14 | 21°57 | 4°44 | 27°45 | 10°42 | 9°21 | 29° 3 | 4°47 | W27 |
| T 28 | 14 25 8 | 8° 7'28 | 9 ჲ 55 | 22°51 | 13°48 | 18°10 | 10°37 | 15°11 | 21°55 | 4°45 | 27°44 | 10°39 | 9°18 | 29°10 | 4°48 | T 28 |
| F 29 | 14 29 5 | 9° 6'36 | 23°29 | 24°38 | 15° 2 | 18°49 | 10°31 | 15° 8 | 21°52 | 4°46 | 27°43 | 10°33 | 9°15 | 29°17 | 4°50 | F 29 |
| S 30 | 14 33 1 | 10 8 5'42 | 6 M 50 | 26 Y 26 | 16817 | 19≈28 | 10 ≏ 25 | 15 ⋌ 5 | 21 M 50 | 4) (47 | 27 ∡ 742 | 10 m 25 | 9 m)11 | 29 궁 23 | 4 Ω 52 | S 30 |

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| S 1 | 14 36 58 | 118 4'47 | 19 M 57 | 28 Y 16 | 17 8 31 | 20≈ 7 | 10°R19 | 15°R 1 | 21°R47 | 4) (49 | 27°R42 | 10°R15 | 9 m) 8 | 29 궁 30 | 4 Ω 55 | S 1 |
| M 2 | 14 40 55 | 12° 3'49 | 2 √ 49 | 0 8 7 | 18°46 | 20°46 | 10 ≏ 14 | 14 ₹ 58 | 21 M .45 | 4°50 | 27 × 741 | 10 m 3 | 9° 5 | 29°37 | 4°57 | M 2 |
| T 3 | 14 44 51 | 13° 2'50 | 15°25 | 2° 0 | 20° 0 | 21°24 | 10° 8 | 14°54 | 21°42 | 4°51 | 27°40 | 9°53 | 9° 2 | 29°43 | 4°59 | T 3 |
| W 4 | 14 48 48 | 14° 1'48 | 27°45 | 3°54 | 21°14 | 22° 3 | 10° 2 | 14°51 | 21°40 | 4°52 | 27°38 | 9°43 | 8°59 | 29°50 | 5° 2 | W 4 |
| T 5 | 14 52 44 | 15° 0'45 | 9 궁 53 | 5°50 | 22°29 | 22°42 | 9°57 | 14°47 | 21°37 | 4°53 | 27°37 | 9°35 | 8°56 | 29°57 | 5° 4 | T 5 |
| F 6 | 14 56 41 | 15°59'41 | 21°50 | 7°47 | 23°43 | 23°20 | 9°52 | 14°44 | 21°35 | 4°54 | 27°36 | 9°30 | 8°52 | 0≈ 3 | 5° 7 | F 6 |
| S 7 | 15 0 37 | 16°58'34 | 3≈41 | 9°46 | 24°57 | 23°59 | 9°47 | 14°40 | 21°32 | 4°55 | 27°35 | 9°27 | 8°49 | 0°10 | 5° 9 | S 7 |
| S 8 | 15 4 34 | 17°57'26 | 15°30 | 11°46 | 26°11 | 24°38 | 9°42 | 14°36 | 21°29 | 4°56 | 27°34 | 9°D26 | 8°46 | 0°17 | 5°12 | S 8 |
| M 9 | 15 8 30 | 18°56'16 | 27°24 | 13°47 | 27°26 | 25°16 | 9°37 | 14°32 | 21°27 | 4°57 | 27°33 | 9°26 | 8°43 | 0°23 | 5°15 | M 9 |
| T 10 | 15 12 27 | 19°55'04 | 9 米 27 | 15°50 | 28°40 | 25°55 | 9°33 | 14°29 | 21°24 | 4°58 | 27°32 | 9°R27 | 8°40 | 0°30 | 5°18 | T 10 |
| W11 | 15 16 24 | 20°53'51 | 21°44 | 17°54 | 29°54 | 26°33 | 9°28 | 14°25 | 21°22 | 4°59 | 27°30 | 9°26 | 8°36 | 0°37 | 5°21 | W11 |
| T 12 | 15 20 20 | 21°52'36 | 4 Υ 21 | 19°59 | 1 II 8 | 27°12 | 9°24 | 14°21 | 21°19 | 5° 0 | 27°29 | 9°23 | 8°33 | 0°43 | 5°24 | T 12 |
| F 13 | 15 24 17 | 22°51'20 | 17°20 | 22° 5 | 2°22 | 27°50 | 9°20 | 14°17 | 21°17 | 5° 0 | 27°28 | 9°18 | 8°30 | 0°50 | 5°27 | F 13 |
| S 14 | 15 28 13 | 23°50'02 | 0 8 44 | 24°12 | 3°37 | 28°28 | 9°16 | 14°13 | 21°14 | 5° 1 | 27°27 | 9°11 | 8°27 | 0°57 | 5°30 | S 14 |
| S 15 | 15 32 10 | 24°48'42 | 14°31 | 26°19 | 4°51 | 29° 7 | 9°12 | 14° 9 | 21°12 | 5° 2 | 27°25 | 9° 1 | 8°24 | 1° 3 | 5°34 | S 15 |
| M16 | 15 36 6 | 25°47'20 | 28°39 | 28°27 | 6° 5 | 29°45 | 9° 9 | 14° 4 | 21° 9 | 5° 3 | 27°24 | 8°50 | 8°21 | 1°10 | 5°37 | M16 |
| T 17 | 15 40 3 | 26°45'57 | 13 II 4 | 0Д36 | 7°19 | 0 ∺ 23 | 9° 5 | 14° 0 | 21° 6 | 5° 3 | 27°23 | 8°38 | 8°17 | 1°17 | 5°41 | T 17 |
| W18 | 15 43 59 | 27°44'31 | 27°37 | 2°44 | 8°33 | 1° 1 | 9° 2 | 13°56 | 21° 4 | 5° 4 | 27°21 | 8°28 | 8°14 | 1°24 | 5°44 | W18 |
| T 19 | 15 47 56 | 28°43'04 | 129512 | 4°52 | 9°47 | 1°39 | 8°59 | 13°52 | 21° 1 | 5° 5 | 27°20 | 8°19 | 8°11 | 1°30 | 5°48 | T 19 |
| F 20 | 15 51 53 | 29°41'34 | 26°43 | 6°59 | 11° 1 | 2°18 | 8°56 | 13°47 | 20°59 | 5° 5 | 27°19 | 8°14 | 8° 8 | 1°37 | 5°52 | F 20 |
| S 21 | 15 55 49 | 0 Ⅱ 40′03 | 11 0 5 | 9° 6 | 12°15 | 2°55 | 8°53 | 13°43 | 20°56 | 5° 6 | 27°17 | 8°11 | 8° 5 | 1°44 | 5°55 | S 21 |
| S 22 | 15 59 46 | 1°38'29 | 25°16 | 11°12 | 13°29 | 3°33 | 8°51 | 13°39 | 20°54 | 5° 6 | 27°16 | 8°10 | 8° 2 | 1°50 | 5°59 | S 22 |
| M23 | 16 3 42 | 2°36'53 | 9 m 13 | 13°15 | 14°43 | 4°11 | 8°48 | 13°34 | 20°51 | 5° 7 | 27°14 | 8°10 | 7°58 | 1°57 | 6° 3 | M23 |
| T 24 | 16 7 39 | 3°35'16 | 22°58 | 15°18 | 15°57 | 4°49 | 8°46 | 13°30 | 20°49 | 5° 7 | 27°13 | 8° 9 | 7°55 | 2° 4 | 6° 7 | T 24 |
| W25 | 16 11 35 | 4°33'36 | 6 ₽ 31 | 17°18 | 17°11 | 5°27 | 8°44 | 13°25 | 20°46 | 5° 8 | 27°11 | 8° 7 | 7°52 | 2°10 | 6°11 | W25 |
| T 26 | 16 15 32 | 5°31'54 | 19°52 | 19°15 | 18°25 | 6° 5 | 8°42 | 13°21 | 20°44 | 5° 8 | 27°10 | 8° 3 | 7°49 | 2°17 | 6°15 | T 26 |
| F 27 | 16 19 28 | 6°30'10 | 3M 2 | 21°10 | 19°39 | 6°42 | 8°41 | 13°16 | 20°41 | 5° 8 | 27° 8 | 7°55 | 7°46 | 2°24 | 6°20 | F 27 |
| S 28 | 16 23 25 | 7°28'24 | 16° 1 | 23° 3 | 20°52 | 7°20 | 8°39 | 13°12 | 20°39 | 5° 9 | 27° 7 | 7°45 | 7°42 | 2°30 | 6°24 | S 28 |
| S 29 | 16 27 22 | 8°26'37 | 28°48 | 24°52 | 22° 6 | 7°57 | 8°38 | 13° 7 | 20°36 | 5° 9 | 27° 5 | 7°33 | 7°39 | 2°37 | 6°28 | S 29 |
| M30 | 16 31 18 | 9°24'48 | 11 × 24 | 26°38 | 23°20 | 8°35 | 8°37 | 13° 3 | 20°34 | 5° 9 | 27° 4 | 7°19 | 7°36 | 2°44 | 6°33 | M30 |
| T 31 | 16 35 15 | 10 Ⅲ 22'57 | 23 × 748 | 28 Ⅲ 21 | 24∏34 | 9 米 12 | 8 亞 36 | 12 × 758 | 20 M 32 | 5 ∺ 10 | 27 ×7 2 | 7 m) 6 | 7 m 33 | 2≈50 | 6 Ω 37 | T 31 |

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| W 1 | 16 39 11 | 11 Ⅱ 21'05 | 6 වි | 0න 0 | 25∏48 | 9){ 49 | 8°R35 | 12°R54 | 20°R29 | 5) (10 | 27°R 1 | 6°R54 | 7 m 30 | 2≈57 | 6 Ω 42 | W 1 |
| T 2 | 16 43 8 | 12°19'12 | 18° 2 | 1°36 | 27° 1 | 10°27 | 8 ₾ 35 | 12 × 749 | 20 m 27 | 5°10 | 26 × 759 | 6 m 44 | 7°27 | 3° 4 | 6°46 | T 2 |
| F 3 | 16 47 4 | 13°17'16 | 29°56 | 3° 8 | 28°15 | 11° 4 | 8°34 | 12°45 | 20°25 | 5°10 | 26°58 | 6°37 | 7°23 | 3°10 | 6°51 | F 3 |
| S 4 | 16 51 1 | 14°15'20 | 11 ≈ 45 | 4°37 | 29°29 | 11°41 | 8°D34 | 12°40 | 20°22 | 5°10 | 26°56 | 6°32 | 7°20 | 3°17 | 6°56 | S 4 |
| S 5 | 16 54 57 | 15°13'22 | 23°33 | 6° 1 | 09542 | 12°18 | 8°34 | 12°36 | 20°20 | 5°10 | 26°55 | 6°30 | 7°17 | 3°24 | 7° 1 | S 5 |
| M 6 | 16 58 54 | 16°11'23 | 5 ∺ 26 | 7°22 | 1°56 | 12°55 | 8°34 | 12°31 | 20°18 | 5°10 | 26°53 | 6°D30 | 7°14 | 3°30 | 7° 6 | M 6 |
| T 7 | 17 2 51 | 17° 9'22 | 17°27 | 8°39 | 3° 9 | 13°31 | 8°35 | 12°27 | 20°16 | 5°R10 | 26°51 | 6°R30 | 7°11 | 3°37 | 7°10 | T 7 |
| W 8 | 17 6 47 | 18° 7'21 | 29°44 | 9°52 | 4°23 | 14° 8 | 8°35 | 12°22 | 20°14 | 5°10 | 26°50 | 6°29 | 7° 8 | 3°44 | 7°15 | W 8 |
| T 9 | 17 10 44 | 19° 5'18 | 12 Y 20 | 11° 1 | 5°37 | 14°45 | 8°36 | 12°18 | 20°11 | 5°10 | 26°48 | 6°27 | 7° 4 | 3°50 | 7°21 | T 9 |
| F 10 | 17 14 40 | 20° 3'14 | 25°20 | 12° 6 | 6°50 | 15°21 | 8°37 | 12°13 | 20° 9 | 5°10 | 26°46 | 6°23 | 7° 1 | 3°57 | 7°26 | F 10 |
| S 11 | 17 18 37 | 21° 1'08 | 8 8 48 | 13° 6 | 8° 4 | 15°58 | 8°38 | 12° 9 | 20° 7 | 5°10 | 26°45 | 6°16 | 6°58 | 4° 4 | 7°31 | S 11 |
| S 12 | 17 22 33 | 21°59'02 | 22°44 | 14° 3 | 9°17 | 16°34 | 8°39 | 12° 4 | 20° 5 | 5°10 | 26°43 | 6° 8 | 6°55 | 4°10 | 7°36 | S 12 |
| M13 | 17 26 30 | 22°56'54 | 7 I I 6 | 14°55 | 10°31 | 17°10 | 8°41 | 12° 0 | 20° 3 | 5°10 | 26°42 | 5°57 | 6°52 | 4°17 | 7°41 | M13 |
| T 14 | 17 30 26 | 23°54'46 | 21°48 | 15°43 | 11°44 | 17°46 | 8°42 | 11°56 | 20° 1 | 5° 9 | 26°40 | 5°46 | 6°48 | 4°24 | 7°47 | T 14 |
| W15 | 17 34 23 | 24°52'35 | 6 9 42 | 16°27 | 12°58 | 18°22 | 8°44 | 11°51 | 19°59 | 5° 9 | 26°38 | 5°37 | 6°45 | 4°30 | 7°52 | W15 |
| T 16 | 17 38 20 | 25°50'24 | 21°41 | 17° 6 | 14°11 | 18°58 | 8°46 | 11°47 | 19°57 | 5° 9 | 26°37 | 5°29 | 6°42 | 4°37 | 7°57 | T 16 |
| F 17 | 17 42 16 | 26°48'11 | 6 Ω 34 | 17°40 | 15°25 | 19°34 | 8°48 | 11°43 | 19°55 | 5° 9 | 26°35 | 5°24 | 6°39 | 4°44 | 8° 3 | F 17 |
| S 18 | 17 46 13 | 27°45'57 | 21°15 | 18°10 | 16°38 | 20° 9 | 8°51 | 11°38 | 19°53 | 5° 8 | 26°33 | 5°21 | 6°36 | 4°50 | 8° 8 | S 18 |
| S 19 | 17 50 9 | 28°43'41 | 5 m /38 | 18°36 | 17°51 | 20°45 | 8°53 | 11°34 | 19°52 | 5° 8 | 26°32 | 5°D20 | 6°33 | 4°57 | 8°14 | S 19 |
| M20 | 17 54 6 | 29°41'23 | 19°42 | 18°56 | 19° 5 | 21°20 | 8°56 | 11°30 | 19°50 | 5° 7 | 26°30 | 5°21 | 6°29 | 5° 4 | 8°20 | M20 |
| T 21 | 17 58 2 | 0939'04 | 3 ≏ 27 | 19°12 | 20°18 | 21°55 | 8°59 | 11°26 | 19°48 | 5° 7 | 26°28 | 5°R21 | 6°26 | 5°10 | 8°25 | T 21 |
| W22 | 18 1 59 | 1°36'44 | 16°52 | 19°23 | 21°31 | 22°30 | 9° 2 | 11°22 | 19°46 | 5° 6 | 26°27 | 5°20 | 6°23 | 5°17 | 8°31 | W22 |
| T 23 | 18 5 55 | 2°34'22 | 0 M 1 | 19°30 | 22°44 | 23° 5 | 9° 5 | 11°18 | 19°45 | 5° 6 | 26°25 | 5°17 | 6°20 | 5°24 | 8°37 | T 23 |
| F 24 | 18 9 52 | 3°31'59 | 12°56 | 19°R32 | 23°58 | 23°40 | 9° 8 | 11°13 | 19°43 | 5° 5 | 26°24 | 5°11 | 6°17 | 5°30 | 8°42 | F 24 |
| S 25 | 18 13 49 | 4°29'34 | 25°37 | 19°29 | 25°11 | 24°15 | 9°12 | 11° 9 | 19°42 | 5° 5 | 26°22 | 5° 3 | 6°14 | 5°37 | 8°48 | S 25 |
| S 26 | 18 17 45 | 5°27'08 | 8 . ₹ 7 | 19°22 | 26°24 | 24°49 | 9°16 | 11° 6 | 19°40 | 5° 4 | 26°20 | 4°53 | 6°10 | 5°44 | 8°54 | S 26 |
| M27 | 18 21 42 | 6°24'42 | 2 <u>0</u> °27 | 19°11 | 27°37 | 25°23 | 9°20 | 11° 2 | 19°38 | 5° 4 | 26°19 | 4°43 | 6° 7 | 5°50 | 9° 0 | M27 |
| T 28 | 18 25 38 | 7°22'14 | 2 ප 37 | 18°55 | 28°50 | 25°58 | 9°24 | 10°58 | 19°37 | 5° 3 | 26°17 | 4°32 | 6° 4 | 5°57 | 9° 6 | T 28 |
| W29 | 18 29 35 | 8°19'45 | 1 <u>4</u> °39 | 18°36 | 0 Ω 3 | 26°32 | 9°28 | 10°54 | 19°36 | 5° 2 | 26°15 | 4°23 | 6° 1 | 6° 4 | 9°12 | W29 |
| T 30 | 18 33 31 | 99917'15 | 26 궁 35 | 189513 | 1 Ω 16 | 27 ∺ 5 | 9 ഫ 32 | 10 ∡ 750 | 19 M 34 | 5 米 2 | 26 × 14 | 4 Mp 15 | 5 m 58 | 6≈10 | 9Ω 18 | T 30 |

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JULY 3487 00:00 UT

| Day | Sid.t | 0 | D | ğ | · | ♂ | 4 | ħ |)ұ(| ¥ | В | ß | ß | Ç | , k | Day |
|--------------|----------------------|----------------------|-------------------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|---------------|----------------|--------------|---------------|---------------|----------------|--------------|
| F 1 | 18 37 28 | 109514'44 | 8≈25 | 17°R48 | 2 N 29 | 27) (39 | 9 ჲ 37 | 10°R47 | 19°R33 | 5°R 1 | 26°R12 | 4°R 9 | 5 m 54 | 6≈17 | 9 Ω 24 | F 1 |
| S 2 | 18 41 24 | 11°12'13 | 20°13 | 179519 | 3°42 | 28°12 | 9°41 | 10 ∡ 143 | 19 M 32 | 5 米 0 | 26 ∡ 11 | 4M) 6 | 5°51 | 6°24 | 9°30 | S 2 |
| S 3 | 18 45 21 | 12° 9'41 | 2) 1 | 16°49 | 4°55 | 28°46 | 9°46 | 10°40 | 19°30 | 4°59 | 26° 9 | 4°D 5 | 5°48 | 6°30 | 9°36 | S 3 |
| M 4 | 18 49 18 | 13° 7'08 | 13°54 | 16°17 | 6° 8 | 29°19 | 9°51 | 10°36 | 19°29 | 4°58 | 26° 8 | 4° 5 | 5°45 | 6°37 | 9°43 | M 4 |
| T 5 | 18 53 14 | 14° 4'34 | 25°56 | 15°44 | 7°21 | 29°52 | 9°56 | 10°33 | 19°28 | 4°58 | 26° 6 | 4° 7 | 5°42 | 6°44 | 9°49 | T 5 |
| W 6 | 18 57 11 | 15° 2'00 | 8 Υ 11 | 15°10 | 8°34 | 0 Υ 24 | 10° 1 | 10°29 | 19°27 | 4°57 | 26° 4 | 4° 8 | 5°39 | 6°50 | 9°55 | W 6 |
| T 7 | 19 1 7 | 15°59'26 | 20°46 | 14°36 | 9°47 | 0°57 | 10° 7 | 10°26 | 19°26 | 4°56 | 26° 3 | 4°R 8 | 5°35 | 6°57 | 10° 1 | T 7 |
| F 8 | 19 5 4 | 16°56'51 | 3 8 43 | 14° 3 | 11° 0 | 1°29 | 10°12 | 10°23 | 19°25 | 4°55 | 26° 1 | 4° 6 | 5°32 | 7° 4 | 10° 8 | F 8 |
| S 9 | 19 9 0 | 17°54'16 | 17° 8 | 13°31 | 12°13 | 2° 1 | 10°18 | 10°20 | 19°24 | 4°54 | 26° 0 | 4° 3 | 5°29 | 7°10 | 10°14 | S 9 |
| S 10 | 19 12 57 | 18°51'40 | 1 II 2 | 13° 1 | 13°26 | 2°33 | 10°24 | 10°17 | 19°23 | 4°53 | 25°58 | 3°58 | 5°26 | 7°17 | 10°20 | S 10 |
| M11 | 19 16 53 | 19°49'04 | 15°23 | 12°33 | 14°38 | 3° 4 | 10°30 | 10°14 | 19°22 | 4°52 | 25°57 | 3°52 | 5°23 | 7°24 | 10°27 | M11 |
| T 12 | 19 20 50 | 20°46'28 | 099 9 | 12° 8 | 15°51 | 3°36 | 10°36 | 10°11 | 19°21 | 4°51 | 25°56 | 3°46 | 5°20 | 7°30 | 10°33 | T 12 |
| W13 | 19 24 47 | 21°43'51 | 15°11 | 11°46 | 17° 4 | 4° 7 | 10°42 | 10° 8 | 19°21 | 4°50 | 25°54 | 3°40 | 5°16 | 7°37 | 10°39 | W13 |
| T 14 F 15 | 19 28 43 19 32 40 | 22°41'14 23°38'36 | 0 Ω 22 15°31 | 11°28 11°13 | 18°17 19°29 | 4°37 5° 8 | 10°49 10°55 | 10° 5 10° 3 | 19°20 19°19 | 4°49 4°48 | 25°53 25°51 | 3°35 3°32 | 5°13 5°10 | 7°44 7°50 | 10°46 10°52 | T 14 F 15 |
| S 16 | 19 32 40 | 23 38 30 24°35'58 | 0 m)29 | 11° 3 | 19 29 20°42 | 5°38 | 10°33 | 10° 3 | 19 19 19°19 | 4 48 4°47 | 25°50 | 3°D31 | 5° 7 | 7°57 | 10°59 | S 16 |
| | | | | | | | | | | | | | | | | |
| S 17 | 19 40 33 | 25°33'18 | 15° 9 | 10°56 | 21°55 | 6° 8 | 11° 9 | 9°58 | 19°18 | 4°45 | 25°49 | 3°31 | 5° 4 | 8° 4 | 11° 5 | S 17 |
| M18 T 19 | 19 44 29 19 48 26 | 26°30'38 27°27'58 | 29°25 13 Ω 18 | 10°D55 10°58 | 23° 7 24°20 | 6°38 7° 7 | 11°16 11°23 | 9°55 9°53 | 19°18 19°17 | 4°44 4°43 | 25°47 25°46 | 3°32 3°34 | 5° 0 4°57 | 8°10 8°17 | 11°12 11°19 | M18 T 19 |
| W20 | 19 48 20 | 27 27 38 28°25'17 | 26°47 | 10 38 11° 5 | 24 20 25°32 | 7°36 | 11°30 | 9°51 | 19 17 19°17 | 4 43 4°42 | 25°45 | 3°R34 | 4°54 | 8°23 | 11 19 11°25 | W20 |
| T 21 | 19 56 19 | 28°22'35 | 9ML53 | 11°18 | 25°32 26°45 | 8° 5 | 11°37 | 9°49 | 19°17 | 4°41 | 25°43 | 3°34 | 4°51 | 8°30 | 11°32 | T 21 |
| F 22 | 20 0 16 | $0\Omega 19'52$ | 22°41 | 11°35 | 27°57 | 8°33 | 11°45 | 9°46 | 19°16 | 4°39 | 25°42 | 3°32 | 4°48 | 8°37 | 11°38 | F 22 |
| S 23 | 20 4 12 | 1°17'10 | 5 ₹ 12 | 11°57 | 29° 9 | 9° 1 | 11°52 | 9°44 | 19°16 | 4°38 | 25°41 | 3°28 | 4°45 | 8°43 | 11°45 | S 23 |
| S 24 | 20 8 9 | 2°14'26 | 17°31 | 12°24 | 0 m 22 | 9°29 | 12° 0 | 9°43 | 19°16 | 4°37 | 25°39 | 3°24 | 4°41 | 8°50 | 11°52 | S 24 |
| M25 | 20 12 5 | 3°11'43 | 29°39 | 12°55 | 1°34 | 9°56 | 12° 8 | 9°41 | 19°15 | 4°35 | 25°38 | 3°19 | 4°38 | 8°57 | 11°58 | M25 |
| T 26 | 20 16 2 | 4° 8'59 | 11중39 | 13°32 | 2°46 | 10°23 | 12°16 | 9°39 | 19°15 | 4°34 | 25°37 | 3°14 | 4°35 | 9° 3 | 12° 5 | T 26 |
| W27 | 20 19 58 | 5° 6'14 | 23°33 | 14°13 | 3°59 | 10°50 | 12°24 | 9°37 | 19°D15 | 4°33 | 25°36 | 3° 9 | 4°32 | 9°10 | 12°12 | W27 |
| T 28 | 20 23 55 | 6° 3'30 | 5≈23 | 14°59 | 5°11 | 11°16 | 12°32 | 9°36 | 19°15 | 4°31 | 25°35 | 3° 6 | 4°29 | 9°17 | 12°18 | T 28 |
| F 29 | 20 27 52 | 7° 0'45 | 17°11 | 15°49 | 6°23 | 11°42 | 12°40 | 9°35 | 19°15 | 4°30 | 25°34 | 3° 3 | 4°26 | 9°23 | 12°25 | F 29 |
| S 30 | 20 31 48 | 7°58'01 | 29° 0 | 16°44 | 7°35 | 12° 8 | 12°49 | 9°33 | 19°15 | 4°29 | 25°32 | 3°D 2 | 4°22 | 9°30 | 12°32 | S 30 |
| S 31 | 20 35 45 | 8 Ω 55'16 | 10 ¥ 52 | 179544 | 8 M)47 | 12 Y 33 | 12 ≙ 57 | 9 ∡ 32 | 19 M .16 | 4 ∺ 27 | 25 ₹ 31 | 3 Mg 3 | 4 Mp 19 | 9 ≈ 37 | 12 N 38 | S 31 |

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|--------------|----------------------|----------------------|------------------------|----------------|----------------|----------------|----------------|---------------|-----------------|---------------|----------------|---------------|--------------|----------------|----------------|--------------|
| M 1 | 20 39 41 | 9 £ 52'32 | 22) 49 | 189548 | 9 m 59 | 12 Y 58 | 13 ₾ 6 | 9°R31 | 19 M .16 | 4°R26 | 25°R30 | 3 Mg 4 | 4 Mp 16 | 9≈43 | 12 Ω 45 | M 1 |
| T 2 | 20 43 38 | 10°49'48 | 4 Υ 56 | 19°56 | 11°11 | 13°22 | 13°14 | 9 ₮ 30 | 19°16 | 4 ∺ 24 | 25 × 29 | 3° 5 | 4°13 | 9°50 | 12°52 | T 2 |
| W 3 | 20 47 34 | 11°47'04 | 17°15 | 21° 9 | 12°23 | 13°46 | 13°23 | 9°29 | 19°16 | 4°23 | 25°28 | 3° 7 | 4°10 | 9°57 | 12°59 | W 3 |
| T 4 | 20 51 31 | 12°44'20 | 29°51 | 22°26 | 13°35 | 14° 9 | 13°32 | 9°28 | 19°17 | 4°21 | 25°27 | 3° 8 | 4° 6 | 10° 3 | 13° 5 | T 4 |
| F 5 | 20 55 27 | 13°41'37 | 12847 | 23°47 | 14°47 | 14°32 | 13°41 | 9°27 | 19°17 | 4°20 | 25°26 | 3°R 8 | 4° 3 | 10°10 | 13°12 | F 5 |
| S 6 | 20 59 24 | 14°38'55 | 26° 6 | 25°12 | 15°59 | 14°55 | 13°50 | 9°26 | 19°18 | 4°18 | 25°25 | 3° 8 | 4° 0 | 10°17 | 13°19 | S 6 |
| S 7 | 21 3 21 | 15°36'13 | 9∏52 | 26°41 | 17°11 | 15°17 | 14° 0 | 9°26 | 19°18 | 4°17 | 25°25 | 3° 7 | 3°57 | 10°23 | 13°26 | S 7 |
| M 8 | 21 7 17 | 16°33'31 | 24° 4 | 28°15 | 18°22 | 15°38 | 14° 9 | 9°25 | 19°19 | 4°15 | 25°24 | 3° 5 | 3°54 | 10°30 | 13°32 | M 8 |
| T 9 | 21 11 14 | 17°30'50 | 89540 | 29°52 | 19°34 | 15°59 | 14°18 | 9°25 | 19°20 | 4°14 | 25°23 | 3° 3 | 3°51 | 10°37 | 13°39 | T 9 |
| W10 | 21 15 10 | 18°28'10 | 23°36 | 1032 | 20°46 | 16°20 | 14°28 | 9°25 | 19°20 | 4°12 | 25°22 | 3° 1 | 3°47 | 10°43 | 13°46 | W10 |
| T 11 F 12 | 21 19 7 21 23 3 | 19°25'30 20°22'50 | 8 Ω 44 23°55 | 3°17 5° 5 | 21°58 23° 9 | 16°40 16°59 | 14°38 | 9°25 9°D25 | 19°21 19°22 | 4°11 4° 9 | 25°21 25°20 | 3° 0 2°59 | 3°44 3°41 | 10°50 10°57 | 13°53 13°59 | T 11 F 12 |
| S 13 | | 20°22'30 21°20'11 | | 6°55 | 23° 9 24°21 | 16°39 | 14°47 14°57 | 9°D25 | 19°22 19°23 | 4° 8 | | | 3°38 | 10°57 11° 3 | 13°39 14° 6 | S 13 |
| | 21 27 0 | - | 9 m) 0 | | | | | | | | 25°20 | 2°D59 | | _ | _ | |
| S 14 | 21 30 56 | 22°17'32 | 23°49 | 8°49 | 25°32 | 17°36 | 15° 7 | 9°25 | 19°24 | 4° 6 | 25°19 | 3° 0 | 3°35 | 11°10 | 14°13 | S 14 |
| M15 | 21 34 53 | 23°14'53 | 8 ≏ 17 | 10°46 | 26°44 | 17°54 | 15°17 | 9°25 | 19°24 | 4° 4 | 25°18 | 3° 1 | 3°31 | 11°17 | 14°19 | M15 |
| T 16 | 21 38 50 | 24°12'14 | 22°20 | 12°44 | 27°55 | 18°11 | 15°27 | 9°25 | 19°26 | 4° 3 | 25°18 | 3° 1 | 3°28 | 11°23 | 14°26 | T 16 |
| W17 | 21 42 46 | 25° 9'36 | 5 M .57 | 14°45 | 29° 6 | 18°27 | 15°37 | 9°26 | 19°27 | 4° 1 | 25°17 | 3° 2 | 3°25 | 11°30 | 14°33 | W17 |
| T 18 | 21 46 43 | 26° 6'58 | 19° 8 | 16°48 | 0 <u>₽</u> 18 | 18°43 | 15°47 | 9°26 | 19°28 | 4° 0 | 25°17 | 3° 2 | 3°22 | 11°37 | 14°39 | T 18 |
| F 19 S 20 | 21 50 39 21 54 36 | 27° 4'20 28° 1'43 | 1 √ 56 14°25 | 18°52 20°57 | 1°29 2°40 | 18°58 19°13 | 15°58 16°8 | 9°27 9°27 | 19°29 19°30 | 3°58 3°56 | 25°16 25°15 | 3°R 2 3° 2 | 3°19 3°16 | 11°43 11°50 | 14°46 14°53 | F 19 S 20 |
| | | | | | | | | | | | | _ | | | | |
| S 21 | 21 58 32 | 28°59'06 | 2 <u>6</u> °38 | 23° 3 | 3°51 | 19°27 | 16°19 | 9°28 | 19°31 | 3°55 | 25°15 | 3° 2 | 3°12 | 11°57 | 14°59 | S 21 |
| M22 | 22 2 29 | 29°56'29 | 8 궁 40 | 25° 9 | 5° 2 | 19°40 | 16°29 | 9°29 | 19°33 | 3°53 | 25°14 | 3° 1 | 3° 9 | 12° 3 | 15° 6 | M22 |
| T 23 | 22 6 25 | 0 m 53'53 | 20°34 | 27°15 | 6°13 | 19°53 | 16°40 | 9°30 | 19°34 | 3°51 | 25°14 | 3° 1 | 3° 6 | 12°10 | 15°13 | T 23 |
| W24 | 22 10 22 | 1°51'18 | 2≈23 | 29°22 | 7°24 | 20° 4 | 16°51 | 9°31 | 19°35 | 3°50 | 25°14 | 3° 1 | 3° 3 | 12°16 | 15°19 | W24 |
| T 25 | 22 14 19 | 2°48'43 | 14°11 | 1 m/28 | 8°35 | 20°16 | 17° 1 | 9°32 | 19°37 | 3°48 | 25°13 | 3°D 1 | 3° 0 | 12°23 | 15°26 | T 25 |
| F 26 | 22 18 15 | 3°46'09 | 26° 1 7 ∺ 55 | 3°33 | 9°46 | 20°26 | 17°12 | 9°34 9°35 | 19°38 19°40 | 3°47 | 25°13 | 3° 1 | 2°57 | 12°30 | 15°32 | F 26 S 27 |
| S 27 | 22 22 12 | 4°43'35 | | 5°37 | 10°57 | 20°36 | 17°23 | | | 3°45 | 25°13 | 3°R 1 | 2°53 | 12°36 | 15°39 | |
| S 28 | 22 26 8 | 5°41'02 | 19°54 | 7°41 | 12° 8 | 20°45 | 17°34 | 9°37 | 19°42 | 3°43 | 25°12 | 3° 1 | 2°50 | 12°43 | 15°46 | S 28 |
| M29 | 22 30 5 | 6°38'31 | 2 Υ 1 | 9°43 | 13°18 | 20°53 | 17°45 | 9°38 | 19°43 | 3°42 | 25°12 | 3° 0 | 2°47 | 12°50 | 15°52 | M29 |
| T 30 | 22 34 1 | 7°36'00 | 14°18 | 11°44 | 14°29 | 21° 1 | 17°57 | 9°40 | 19°45 | 3°40 | 25°12 | 3° 0 | 2°44 | 12°56 | 15°59 | T 30 |
| W31 | 22 37 58 | 8 m 33'30 | 26 Ƴ 48 | 13 M 44 | 15 ≏ 39 | 21 ° 7 | 18 亞 8 | 9 ∡ 42 | 19 M .47 | 3 ∺ 38 | 25 ₹ 12 | 2 m 59 | 2 Mp 41 | 13 ≈ 3 | 16 Ω 5 | W31 |

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SEPTEMBER 3487 00:00 UT

| Day | Sid.t | 0 | D | β | Q | ♂ | 4 | ħ |)Å(| 并 | В | u | Ω | Ç | o k | Day |
|------|----------|-------------------|----------------|----------------------|----------------|----------------|----------------|----------------|-----------------|---------------|----------------|---------|---------|-------|----------------|------|
| T 1 | 22 41 54 | 9 m y31'02 | 9 8 32 | 15 Mp 43 | 16 ♀ 50 | 21 Y 13 | 18 ≏ 19 | 9 ∡ 144 | 19 M .48 | 3°R37 | 25°R12 | 2°R59 | 2 Mp 37 | 13≈10 | 16 Ω 11 | T 1 |
| F 2 | 22 45 51 | 10°28'34 | 22°32 | 17°40 | 18° 0 | 21°18 | 18°30 | 9°45 | 19°50 | 3 ∺ 35 | 25 × 12 | 2 Mp 58 | 2°34 | 13°16 | 16°18 | F 2 |
| S 3 | 22 49 47 | 11°26'08 | 5 Ⅱ 52 | 19°35 | 19°11 | 21°23 | 18°42 | 9°48 | 19°52 | 3°34 | 25°11 | 2°D58 | 2°31 | 13°23 | 16°24 | S 3 |
| S 4 | 22 53 44 | 12°23'44 | 19°31 | 21°30 | 20°21 | 21°26 | 18°53 | 9°50 | 19°54 | 3°32 | 25°11 | 2°58 | 2°28 | 13°30 | 16°31 | S 4 |
| M 5 | 22 57 41 | 13°21'20 | 3932 | 23°22 | 21°31 | 21°29 | 19° 5 | 9°52 | 19°56 | 3°30 | 25°D11 | 2°58 | 2°25 | 13°36 | 16°37 | M 5 |
| T 6 | 23 1 37 | 14°18'59 | 17°52 | 25°14 | 22°41 | 21°31 | 19°16 | 9°54 | 19°58 | 3°29 | 25°11 | 2°59 | 2°22 | 13°43 | 16°43 | T 6 |
| W 7 | 23 5 34 | 15°16'38 | 2 Ω 31 | 27° 3 | 23°51 | 21°32 | 19°28 | 9°57 | 20° 0 | 3°27 | 25°11 | 3° 0 | 2°18 | 13°50 | 16°49 | W 7 |
| T 8 | 23 9 30 | 16°14'19 | 17°22 | 28°52 | 25° 1 | 21°R32 | 19°40 | 9°59 | 20° 2 | 3°26 | 25°12 | 3° 1 | 2°15 | 13°56 | 16°56 | T 8 |
| F 9 | 23 13 27 | 17°12'01 | 2 Mp 20 | ე <u>ი</u> 39 | 26°11 | 21°31 | 19°51 | 10° 2 | 20° 4 | 3°24 | 25°12 | 3°R 1 | 2°12 | 14° 3 | 17° 2 | F 9 |
| S 10 | 23 17 23 | 18° 9'44 | 17°17 | 2°24 | 27°21 | 21°30 | 20° 3 | 10° 4 | 20° 7 | 3°22 | 25°12 | 3° 1 | 2° 9 | 14°10 | 17° 8 | S 10 |
| S 11 | 23 21 20 | 19° 7'29 | 2 ♀ 4 | 4° 8 | 28°31 | 21°27 | 20°15 | 10° 7 | 20° 9 | 3°21 | 25°12 | 2°59 | 2° 6 | 14°16 | 17°14 | S 11 |
| M12 | 23 25 16 | 20° 5'14 | 16°34 | 5°50 | 29°40 | 21°24 | 20°27 | 10°10 | 20°11 | 3°19 | 25°12 | 2°58 | 2° 3 | 14°23 | 17°20 | M12 |
| T 13 | 23 29 13 | 21° 3'01 | 0 M .42 | 7°31 | 0 M .50 | 21°20 | 20°39 | 10°13 | 20°13 | 3°18 | 25°13 | 2°55 | 1°59 | 14°29 | 17°26 | T 13 |
| W14 | 23 33 10 | 22° 0'49 | 14°24 | 9°11 | 2° 0 | 21°16 | 20°51 | 10°16 | 20°16 | 3°16 | 25°13 | 2°53 | 1°56 | 14°36 | 17°32 | W14 |
| T 15 | 23 37 6 | 22°58'38 | 27°41 | 10°49 | 3° 9 | 21°10 | 21° 3 | 10°19 | 20°18 | 3°15 | 25°13 | 2°51 | 1°53 | 14°43 | 17°38 | T 15 |
| F 16 | 23 41 3 | 23°56'28 | 10 ₹ 33 | 12°26 | 4°18 | 21° 4 | 21°15 | 10°23 | 20°21 | 3°13 | 25°13 | 2°49 | 1°50 | 14°49 | 17°44 | F 16 |
| S 17 | 23 44 59 | 24°54'19 | 23° 3 | 14° 2 | 5°28 | 20°57 | 21°27 | 10°26 | 20°23 | 3°12 | 25°14 | 2°D49 | 1°47 | 14°56 | 17°50 | S 17 |
| S 18 | 23 48 56 | 25°52'11 | 5 ਰ 16 | 15°36 | 6°37 | 20°49 | 21°40 | 10°29 | 20°26 | 3°10 | 25°14 | 2°49 | 1°43 | 15° 3 | 17°56 | S 18 |
| M19 | 23 52 52 | 26°50'05 | 17°15 | 17° 9 | 7°46 | 20°40 | 21°52 | 10°33 | 20°28 | 3° 9 | 25°15 | 2°50 | 1°40 | 15° 9 | 18° 2 | M19 |
| T 20 | 23 56 49 | 27°47'59 | 29° 7 | 18°40 | 8°55 | 20°31 | 22° 4 | 10°36 | 20°31 | 3° 7 | 25°15 | 2°52 | 1°37 | 15°16 | 18° 8 | T 20 |
| W21 | 0 0 45 | 28°45'55 | 10≈56 | 20°10 | 10° 4 | 20°21 | 22°16 | 10°40 | 20°34 | 3° 6 | 25°16 | 2°53 | 1°34 | 15°23 | 18°14 | W21 |
| T 22 | 0 4 42 | 29°43'52 | 22°44 | 21°39 | 11°13 | 20°10 | 22°29 | 10°44 | 20°36 | 3° 4 | 25°16 | 2°55 | 1°31 | 15°29 | 18°19 | T 22 |
| F 23 | 0 8 38 | 0 ჲ 41'50 | 4) 38 | 23° 6 | 12°22 | 19°59 | 22°41 | 10°48 | 20°39 | 3° 3 | 25°17 | 2°R55 | 1°28 | 15°36 | 18°25 | F 23 |
| S 24 | 0 12 35 | 1°39'50 | 16°38 | 24°32 | 13°30 | 19°47 | 22°54 | 10°51 | 20°42 | 3° 2 | 25°18 | 2°54 | 1°24 | 15°43 | 18°31 | S 24 |
| S 25 | 0 16 32 | 2°37'51 | 28°49 | 25°56 | 14°39 | 19°35 | 23° 6 | 10°55 | 20°45 | 3° 0 | 25°18 | 2°52 | 1°21 | 15°49 | 18°36 | S 25 |
| M26 | 0 20 28 | 3°35'54 | 11 Y 11 | 27°19 | 15°47 | 19°22 | 23°19 | 10°59 | 20°47 | 2°59 | 25°19 | 2°48 | 1°18 | 15°56 | 18°42 | M26 |
| T 27 | 0 24 25 | 4°33'58 | 23°45 | 28°41 | 16°55 | 19°8 | 23°31 | 11° 4 | 20°50 | 2°58 | 25°20 | 2°43 | 1°15 | 16° 3 | 18°47 | T 27 |
| W28 | 0 28 21 | 5°32'04 | 6 8 32 | OM 1 | 18° 4 | 18°54 | 23°44 | 11°8 | 20°53 | 2°56 | 25°20 | 2°38 | 1°12 | 16° 9 | 18°53 | W28 |
| T 29 | 0 32 18 | 6°30'12 | 19°33 | 1°20 | 19°12 | 18°40 | 23°56 | 11°12 | 20°56 | 2°55 | 25°21 | 2°33 | 1° 8 | 16°16 | 18°58 | T 29 |
| F 30 | 0 36 14 | 7 ≏ 28'21 | 2 Ⅱ 47 | 2 M 37 | 20M20 | 18 Y 25 | 24 ♀ 9 | 11 × 16 | 20 M 59 | 2) 54 | 25 × 22 | 2 Mp 28 | 1 Mp 5 | 16≈23 | 19 Ω 3 | F 30 |

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| Day | Sid.t | \odot | D | φ | φ | o ⁷ | 4 | ħ |)Å(| ¥ | 5 | N | Ω | ţ | Š | Day |
|------|---------|------------------|-----------------|--------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|-----------------|------|
| S 1 | 0 40 11 | 8 ₾ 26'33 | 16 I I14 | 3M52 | 21 M 27 | 18°R10 | 24 ₽ 21 | 11 × 21 | 21 M 2 | 2°R52 | 25 × 23 | 2°R24 | 1 Mp 2 | 16≈29 | 19 Ω 8 | S 1 |
| S 2 | 0 44 7 | 9°24'46 | 29°56 | 5° 6 | 22°35 | 17 Y 54 | 24°34 | 11°25 | 21° 5 | 2) 51 | 25°24 | 2 m 23 | 0°59 | 16°36 | 19°14 | S 2 |
| M 3 | 0 48 4 | 10°23'02 | 13950 | 6°17 | 23°43 | 17°38 | 24°47 | 11°30 | 21° 8 | 2°50 | 25°25 | 2°D22 | 0°56 | 16°42 | 19°19 | M 3 |
| T 4 | 0 52 1 | 11°21'19 | 27°57 | 7°27 | 24°50 | 17°22 | 24°59 | 11°35 | 21°11 | 2°49 | 25°26 | 2°23 | 0°53 | 16°49 | 19°24 | T 4 |
| W 5 | 0 55 57 | 12°19'38 | 12 Ω 17 | 8°35 | 25°58 | 17° 6 | 25°12 | 11°39 | 21°14 | 2°48 | 25°27 | 2°24 | 0°49 | 16°56 | 19°29 | W 5 |
| T 6 | 0 59 54 | 13°18'00 | 26°46 | 9°41 | 27° 5 | 16°49 | 25°25 | 11°44 | 21°17 | 2°46 | 25°28 | 2°R25 | 0°46 | 17° 2 | 19°34 | T 6 |
| F 7 | 1 3 50 | 14°16'23 | 11 m 20 | 10°45 | 28°12 | 16°33 | 25°38 | 11°49 | 21°21 | 2°45 | 25°29 | 2°25 | 0°43 | 17° 9 | 19°39 | F 7 |
| S 8 | 1 7 47 | 15°14'48 | 25°56 | 11°46 | 29°19 | 16°16 | 25°51 | 11°54 | 21°24 | 2°44 | 25°30 | 2°23 | 0°40 | 17°16 | 19°44 | S 8 |
| S 9 | 1 11 43 | 16°13'15 | 10 ≏ 27 | 12°45 | 0 ∡ 126 | 16° 0 | 26° 3 | 11°59 | 21°27 | 2°43 | 25°31 | 2°19 | 0°37 | 17°22 | 19°48 | S 9 |
| M10 | 1 15 40 | 17°11'44 | 24°46 | 13°42 | 1°33 | 15°43 | 26°16 | 12° 4 | 21°30 | 2°42 | 25°32 | 2°13 | 0°34 | 17°29 | 19°53 | M10 |
| T 11 | 1 19 36 | 18°10'15 | 8 M .48 | 14°35 | 2°39 | 15°27 | 26°29 | 12° 9 | 21°34 | 2°41 | 25°33 | 2° 6 | 0°30 | 17°36 | 19°58 | T 11 |
| W12 | 1 23 33 | 19° 8'47 | 22°28 | 15°26 | 3°46 | 15°10 | 26°42 | 12°14 | 21°37 | 2°40 | 25°34 | 1°58 | 0°27 | 17°42 | 20° 2 | W12 |
| T 13 | 1 27 29 | 20° 7'21 | 5 , 745 | 16°13 | 4°52 | 14°54 | 26°55 | 12°20 | 21°40 | 2°39 | 25°35 | 1°51 | 0°24 | 17°49 | 20° 7 | T 13 |
| F 14 | 1 31 26 | 21° 5'57 | 1 <u>8</u> °39 | 16°56 | 5°58 | 14°38 | 27° 8 | 12°25 | 21°44 | 2°38 | 25°37 | 1°45 | 0°21 | 17°56 | 20°11 | F 14 |
| S 15 | 1 35 23 | 22° 4'34 | 1 ろ 10 | 17°36 | 7° 4 | 14°23 | 27°21 | 12°30 | 21°47 | 2°37 | 25°38 | 1°40 | 0°18 | 18° 2 | 20°16 | S 15 |
| S 16 | 1 39 19 | 23° 3'13 | 13°24 | 18°11 | 8°10 | 14° 8 | 27°34 | 12°36 | 21°50 | 2°36 | 25°39 | 1°38 | 0°14 | 18° 9 | 20°20 | S 16 |
| M17 | 1 43 16 | 24° 1'54 | 25°24 | 18°43 | 9°15 | 13°53 | 27°46 | 12°41 | 21°54 | 2°35 | 25°41 | 1°D37 | 0°11 | 18°16 | 20°24 | M17 |
| T 18 | 1 47 12 | 25° 0'36 | 7≈16 | 19° 9 | 10°21 | 13°39 | 27°59 | 12°47 | 21°57 | 2°35 | 25°42 | 1°38 | 0° 8 | 18°22 | 20°29 | T 18 |
| W19 | 151 9 | 25°59'20 | 19° 4 | 19°30 | 11°26 | 13°25 | 28°12 | 12°52 | 22° 1 | 2°34 | 25°43 | 1°39 | 0° 5 | 18°29 | 20°33 | W19 |
| T 20 | 1 55 5 | 26°58'05 | 0) € 54 | 19°45 | 12°31 | 13°11 | 28°25 | 12°58 | 22° 4 | 2°33 | 25°45 | 1°R40 | 0° 2 | 18°35 | 20°37 | T 20 |
| F 21 | 1 59 2 | 27°56'52 | 12°51 | 19°55 | 13°36 | 12°59 | 28°38 | 13° 4 | 22° 8 | 2°32 | 25°46 | 1°39 | 29 Ω 59 | 18°42 | 20°41 | F 21 |
| S 22 | 2 2 58 | 28°55'41 | 24°59 | 19°R58 | 14°41 | 12°46 | 28°51 | 13°10 | 22°11 | 2°31 | 25°48 | 1°36 | 29°55 | 18°49 | 20°44 | S 22 |
| S 23 | 2 6 5 5 | 29°54'31 | 7 Υ 20 | 19°54 | 15°45 | 12°35 | 29° 4 | 13°15 | 22°15 | 2°31 | 25°49 | 1°31 | 29°52 | 18°55 | 20°48 | S 23 |
| M24 | 2 10 52 | 0ML53'24 | 19°58 | 19°43 | 16°49 | 12°24 | 29°17 | 13°21 | 22°18 | 2°30 | 25°51 | 1°24 | 29°49 | 19° 2 | 20°52 | M24 |
| T 25 | 2 14 48 | 1°52'18 | 2 8 51 | 19°24 | 17°53 | 12°13 | 29°30 | 13°27 | 22°22 | 2°29 | 25°52 | 1°14 | 29°46 | 19° 9 | 20°56 | T 25 |
| W26 | 2 18 45 | 2°51'14 | 16° 1 | 18°58 | 18°57 | 12° 3 | 29°43 | 13°33 | 22°26 | 2°29 | 25°54 | 1° 4 | 29°43 | 19°15 | 20°59 | W26 |
| T 27 | 2 22 41 | 3°50'12 | 29°26 | 18°24 | 20° 0 | 11°54 | 29°56 | 13°39 | 22°29 | 2°28 | 25°56 | 0°53 | 29°39 | 19°22 | 21° 3 | T 27 |
| F 28 | 2 26 38 | 4°49'12 | 13 II 2 | 17°42 | 21° 4 | 11°46 | OM 9 | 13°45 | 22°33 | 2°28 | 25°57 | 0°43 | 29°36 | 19°29 | 21° 6 | F 28 |
| S 29 | 2 30 34 | 5°48'15 | 26°48 | 16°53 | 22° 7 | 11°38 | 0°22 | 13°52 | 22°37 | 2°27 | 25°59 | 0°36 | 29°33 | 19°35 | 21°10 | S 29 |
| S 30 | 2 34 31 | 6°47'20 | 109542 | 15°58 | 23° 9 | 11°31 | 0°35 | 13°58 | 22°40 | 2°27 | 26° 1 | 0°30 | 29°30 | 19°42 | 21°13 | S 30 |
| M31 | 2 38 27 | 7 M 46'26 | 249541 | 14M56 | 24 × 12 | 11 Y 25 | 0 M .47 | 14 才 4 | 22 M 44 | 2 ∺ 26 | 26 渘 2 | 0 m 28 | 29 Ω 27 | 19 ≈ 49 | 21 \O 16 | M31 |

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NOVEMBER 3487 00:00 UT

| Day | Sid.t | 0 | D | ğ | P | ð | 4 | ħ |)f(| ¥ | В | ß | v | Ç | ę, | Day |
|------|---------|-------------------|-----------------|----------------|----------------|----------------|--------------|-----------------|-----------------|---------------|----------------|----------------|----------------|-------|-----------------|------|
| T 1 | 2 42 24 | 8M45'36 | 8 Ω 45 | 13°R50 | 25 √ 14 | 11°R20 | 1 M 0 | 14 × 10 | 22 M .48 | 2°R26 | 26 √ 4 | 0°D27 | 29 Ω 24 | 19≈55 | 21 \O 19 | T 1 |
| W 2 | 2 46 21 | 9°44'47 | 22°52 | 12 M 40 | 26°16 | 11 Y 15 | 1°13 | 14°17 | 22°51 | 2) 25 | 26° 6 | 0°R27 | 29°20 | 20° 2 | 21°22 | W 2 |
| T 3 | 2 50 17 | 10°44'01 | 7Mm, 2 | 11°28 | 27°18 | 11°11 | 1°26 | 14°23 | 22°55 | 2°25 | 26° 7 | 0 m 27 | 29°17 | 20° 9 | 21°25 | T 3 |
| F 4 | 2 54 14 | 11°43'16 | 21°13 | 10°17 | 28°19 | 11°8 | 1°39 | 14°29 | 22°59 | 2°25 | 26° 9 | 0°26 | 29°14 | 20°15 | 21°28 | F 4 |
| S 5 | 2 58 10 | 12°42'34 | 5 ≏ 23 | 9° 9 | 29°20 | 11° 6 | 1°52 | 14°36 | 23° 2 | 2°24 | 26°11 | 0°22 | 29°11 | 20°22 | 21°31 | S 5 |
| S 6 | 3 2 7 | 13°41'55 | 19°28 | 8° 4 | 0 ට 21 | 11° 4 | 2° 5 | 14°42 | 23° 6 | 2°24 | 26°13 | 0°15 | 29° 8 | 20°28 | 21°33 | S 6 |
| M 7 | 3 6 3 | 14°41'17 | 3 M 25 | 7° 6 | 1°21 | 11°D 4 | 2°17 | 14°49 | 23°10 | 2°24 | 26°15 | 0° 5 | 29° 5 | 20°35 | 21°36 | M 7 |
| T 8 | 3 10 0 | 15°40'41 | 17° 9 | 6°16 | 2°21 | 11° 4 | 2°30 | 14°55 | 23°14 | 2°24 | 26°17 | 29 Ω 54 | 29° 1 | 20°42 | 21°38 | T 8 |
| W 9 | 3 13 56 | 16°40'07 | 0 , ₹37 | 5°35 | 3°21 | 11° 5 | 2°43 | 15° 2 | 23°17 | 2°24 | 26°19 | 29°41 | 28°58 | 20°48 | 21°41 | W 9 |
| T 10 | 3 17 53 | 17°39'36 | 13°46 | 5° 4 | 4°20 | 11° 7 | 2°56 | 15° 9 | 23°21 | 2°23 | 26°21 | 29°29 | 28°55 | 20°55 | 21°43 | T 10 |
| F 11 | 3 21 50 | 18°39'06 | 26°34 | 4°44 | 5°19 | 11° 9 | 3° 8 | 15°15 | 23°25 | 2°23 | 26°22 | 29°18 | 28°52 | 21° 2 | 21°45 | F 11 |
| S 12 | 3 25 46 | 19°38'38 | 9 ප 4 | 4°D35 | 6°17 | 11°12 | 3°21 | 15°22 | 23°29 | 2°23 | 26°24 | 29°10 | 28°49 | 21° 8 | 21°47 | S 12 |
| S 13 | 3 29 43 | 20°38'11 | 21°16 | 4°37 | 7°16 | 11°17 | 3°34 | 15°29 | 23°32 | 2°D23 | 26°26 | 29° 4 | 28°45 | 21°15 | 21°49 | S 13 |
| M14 | 3 33 39 | 21°37'46 | 3≈16 | 4°51 | 8°13 | 11°22 | 3°46 | 15°36 | 23°36 | 2°23 | 26°28 | 29° 1 | 28°42 | 21°22 | 21°51 | M14 |
| T 15 | 3 37 36 | 22°37'23 | 15° 7 | 5°14 | 9°10 | 11°27 | 3°59 | 15°42 | 23°40 | 2°23 | 26°30 | 29° 0 | 28°39 | 21°28 | 21°53 | T 15 |
| W16 | 3 41 32 | 23°37'02 | 26°55 | 5°48 | 10° 7 | 11°34 | 4°12 | 15°49 | 23°44 | 2°23 | 26°33 | 29° 0 | 28°36 | 21°35 | 21°55 | W16 |
| T 17 | 3 45 29 | 24°36'42 | 8) (45 | 6°30 | 11° 3 | 11°41 | 4°24 | 15°56 | 23°48 | 2°23 | 26°35 | 29° 0 | 28°33 | 21°42 | 21°57 | T 17 |
| F 18 | 3 49 25 | 25°36'24 | 20°43 | 7°20 | 11°59 | 11°49 | 4°37 | 16° 3 | 23°51 | 2°24 | 26°37 | 28°58 | 28°30 | 21°48 | 21°58 | F 18 |
| S 19 | 3 53 22 | 26°36'07 | 2 Ƴ 54 | 8°17 | 12°54 | 11°57 | 4°49 | 16°10 | 23°55 | 2°24 | 26°39 | 28°55 | 28°26 | 21°55 | 22° 0 | S 19 |
| S 20 | 3 57 19 | 27°35'52 | 15°22 | 9°21 | 13°49 | 12° 7 | 5° 2 | 16°17 | 23°59 | 2°24 | 26°41 | 28°49 | 28°23 | 22° 1 | 22° 1 | S 20 |
| M21 | 4 1 15 | 28°35'39 | 28°11 | 10°31 | 14°43 | 12°17 | 5°14 | 16°24 | 24° 3 | 2°24 | 26°43 | 28°40 | 28°20 | 22° 8 | 22° 2 | M21 |
| T 22 | 4 5 12 | 29°35'27 | 11821 | 11°45 | 15°36 | 12°28 | 5°26 | 16°31 | 24° 6 | 2°24 | 26°45 | 28°29 | 28°17 | 22°15 | 22° 3 | T 22 |
| W23 | 4 9 8 | 0 ₹ 35'18 | 24°52 | 13° 3 | 16°29 | 12°39 | 5°39 | 16°38 | 24°10 | 2°25 | 26°47 | 28°16 | 28°14 | 22°21 | 22° 5 | W23 |
| T 24 | 4 13 5 | 1°35'10 | 8 Ⅱ 41 | 14°25 | 17°21 | 12°51 | 5°51 | 16°45 | 24°14 | 2°25 | 26°49 | 28° 3 | 28°11 | 22°28 | 22° 6 | T 24 |
| F 25 | 4 17 1 | 2°35'04 | 22°44 | 15°50 | 18°13 | 13° 4 | 6° 3 | 16°52 | 24°18 | 2°25 | 26°52 | 27°52 | 28° 7 | 22°35 | 22° 6 | F 25 |
| S 26 | 4 20 58 | 3°35'00 | 6 9 57 | 17°18 | 19° 3 | 13°17 | 6°15 | 16°59 | 24°21 | 2°26 | 26°54 | 27°42 | 28° 4 | 22°41 | 22° 7 | S 26 |
| S 27 | 4 24 54 | 4°34'58 | 21°14 | 18°47 | 19°53 | 13°31 | 6°28 | 17° 6 | 24°25 | 2°26 | 26°56 | 27°36 | 28° 1 | 22°48 | 22° 8 | S 27 |
| M28 | 4 28 51 | 5°34'58 | 5 Ω 30 | 20°19 | 20°43 | 13°46 | 6°40 | 17°13 | 24°29 | 2°27 | 26°58 | 27°32 | 27°58 | 22°55 | 22° 9 | M28 |
| T 29 | 4 32 48 | 6°35'00 | 19°43 | 21°51 | 21°31 | 14° 1 | 6°52 | 17°20 | 24°33 | 2°27 | 27° 0 | 27°31 | 27°55 | 23° 1 | 22° 9 | T 29 |
| W30 | 4 36 44 | 7 . ₹35'04 | 3 m 51 | 23 M 25 | 22 궁 19 | 14 Y 17 | 7 M 4 | 17 × 727 | 24M36 | 2 ∺ 28 | 27 .₹ 3 | 27 Ω 31 | 27 Ω 51 | 23≈ 8 | 22 N 9 | W30 |

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|------|---------|-------------------|-----------------|----------------|---------------|----------------|-----------------|-----------------|-------|---------------|----------------|----------------|----------------|-------|-----------------|------|
| T 1 | 4 40 41 | 8 .7 35'11 | 17 m 53 | 24 M 59 | 23 궁 6 | 14 Y 34 | 7 M .16 | 17 .7 34 | 24M40 | 2) 28 | 27 .7 5 | 27°R31 | 27 Ω 48 | 23≈15 | 22 Ω 10 | T 1 |
| F 2 | 4 44 37 | 9°35'19 | 1 ≏ 48 | 26°34 | 23°51 | 14°51 | 7°28 | 17°42 | 24°44 | 2°29 | 27° 7 | 27 Ω 29 | 27°45 | 23°21 | 22°10 | F 2 |
| S 3 | 4 48 34 | 10°35'29 | 15°36 | 28°10 | 24°36 | 15° 8 | 7°40 | 17°49 | 24°47 | 2°30 | 27° 9 | 27°25 | 27°42 | 23°28 | 22°10 | S 3 |
| S 4 | 4 52 30 | 11°35'41 | 29°16 | 29°46 | 25°21 | 15°26 | 7°51 | 17°56 | 24°51 | 2°30 | 27°12 | 27°18 | 27°39 | 23°35 | 22°R10 | S 4 |
| M 5 | 4 56 27 | 12°35'55 | 12 M 47 | 1 ₹ 22 | 26° 4 | 15°45 | 8° 3 | 18° 3 | 24°55 | 2°31 | 27°14 | 27° 8 | 27°36 | 23°41 | 22°10 | M 5 |
| T 6 | 5 0 23 | 13°36'11 | 26° 7 | 2°59 | 26°46 | 16° 4 | 8°15 | 18°10 | 24°58 | 2°32 | 27°16 | 26°56 | 27°32 | 23°48 | 22°10 | T 6 |
| W 7 | 5 4 20 | 14°36'28 | 9 . ₹14 | 4°35 | 27°27 | 16°23 | 8°26 | 18°17 | 25° 2 | 2°33 | 27°19 | 26°44 | 27°29 | 23°54 | 22° 9 | W 7 |
| T 8 | 5 8 17 | 15°36'48 | 22° 6 | 6°11 | 28° 6 | 16°44 | 8°38 | 18°25 | 25° 6 | 2°33 | 27°21 | 26°31 | 27°26 | 24° 1 | 22° 9 | T 8 |
| F 9 | 5 12 13 | 16°37'09 | 4 궁 43 | 7°48 | 28°45 | 17° 4 | 8°49 | 18°32 | 25° 9 | 2°34 | 27°23 | 26°20 | 27°23 | 24° 8 | 22° 9 | F 9 |
| S 10 | 5 16 10 | 17°37'31 | 17° 5 | 9°24 | 29°22 | 17°25 | 9° 1 | 18°39 | 25°13 | 2°35 | 27°26 | 26°11 | 27°20 | 24°14 | 22° 8 | S 10 |
| S 11 | 5 20 6 | 18°37'55 | 29°12 | 11° 0 | 29°59 | 17°47 | 9°12 | 18°46 | 25°16 | 2°36 | 27°28 | 26° 5 | 27°17 | 24°21 | 22° 7 | S 11 |
| M12 | 5 24 3 | 19°38'20 | 11 ≈ 9 | 12°36 | 0≈33 | 18° 9 | 9°24 | 18°54 | 25°20 | 2°37 | 27°30 | 26° 1 | 27°13 | 24°28 | 22° 6 | M12 |
| T 13 | 5 27 59 | 20°38'47 | 22°59 | 14°12 | 1° 7 | 18°31 | 9°35 | 19° 1 | 25°23 | 2°38 | 27°33 | 26°D 0 | 27°10 | 24°34 | 22° 6 | T 13 |
| W14 | 5 31 56 | 21°39'14 | 4) (45 | 15°48 | 1°39 | 18°54 | 9°46 | 19° 8 | 25°27 | 2°39 | 27°35 | 26° 1 | 27° 7 | 24°41 | 22° 5 | W14 |
| T 15 | 5 35 52 | 22°39'43 | 16°34 | 17°23 | 2° 9 | 19°18 | 9°57 | 19°15 | 25°30 | 2°40 | 27°37 | 26° 1 | 27° 4 | 24°48 | 22° 4 | T 15 |
| F 16 | 5 39 49 | 23°40'13 | 28°31 | 18°59 | 2°38 | 19°41 | 10° 8 | 19°22 | 25°34 | 2°41 | 27°40 | 26°R 1 | 27° 1 | 24°54 | 22° 2 | F 16 |
| S 17 | 5 43 46 | 24°40'44 | 10 Ƴ 41 | 20°34 | 3° 5 | 20° 5 | 10°19 | 19°30 | 25°37 | 2°42 | 27°42 | 26° 0 | 26°57 | 25° 1 | 22° 1 | S 17 |
| S 18 | 5 47 42 | 25°41'17 | 23° 9 | 22° 9 | 3°31 | 20°30 | 10°30 | 19°37 | 25°41 | 2°43 | 27°44 | 25°56 | 26°54 | 25° 8 | 22° 0 | S 18 |
| M19 | 5 51 39 | 26°41'50 | 6 8 0 | 23°44 | 3°54 | 20°55 | 10°41 | 19°44 | 25°44 | 2°44 | 27°47 | 25°50 | 26°51 | 25°14 | 21°58 | M19 |
| T 20 | 5 55 35 | 27°42'25 | 19°17 | 25°18 | 4°16 | 21°20 | 10°51 | 19°51 | 25°47 | 2°45 | 27°49 | 25°42 | 26°48 | 25°21 | 21°57 | T 20 |
| W21 | 5 59 32 | 28°43'01 | 2 Ⅱ 58 | 26°53 | 4°36 | 21°46 | 11° 2 | 19°58 | 25°51 | 2°47 | 27°51 | 25°33 | 26°45 | 25°27 | 21°55 | W21 |
| T 22 | 6 3 28 | 29°43'38 | 17° 4 | 28°28 | 4°54 | 22°12 | 11°12 | 20° 5 | 25°54 | 2°48 | 27°54 | 25°23 | 26°42 | 25°34 | 21°53 | T 22 |
| F 23 | 6 7 25 | 0 궁 44'16 | 19530 | 0중 2 | 5°10 | 22°38 | 11°23 | 20°12 | 25°57 | 2°49 | 27°56 | 25°14 | 26°38 | 25°41 | 21°52 | F 23 |
| S 24 | 6 11 22 | 1°44'55 | 16° 8 | 1°36 | 5°24 | 23° 5 | 11°33 | 20°20 | 26° 1 | 2°50 | 27°58 | 25° 7 | 26°35 | 25°47 | 21°50 | S 24 |
| S 25 | 6 15 18 | 2°45'36 | 0 Ω 52 | 3°10 | 5°36 | 23°32 | 11°44 | 20°27 | 26° 4 | 2°52 | 28° 1 | 25° 2 | 26°32 | 25°54 | 21°48 | S 25 |
| M26 | 6 19 15 | 3°46'18 | 15°34 | 4°44 | 5°45 | 23°59 | 11°54 | 20°34 | 26° 7 | 2°53 | 28° 3 | 25° 0 | 26°29 | 26° 1 | 21°45 | M26 |
| T 27 | 6 23 11 | 4°47'02 | 0 m) 8 | 6°19 | 5°53 | 24°26 | 12° 4 | 20°41 | 26°10 | 2°55 | 28° 5 | 25°D 0 | 26°26 | 26° 7 | 21°43 | T 27 |
| W28 | 6 27 8 | 5°47'47 | 14°31 | 7°53 | 5°58 | 24°54 | 12°14 | 20°48 | 26°13 | 2°56 | 28° 8 | 25° 1 | 26°23 | 26°14 | 21°41 | W28 |
| T 29 | 6 31 4 | 6°48'33 | 28°39 | 9°27 | 6° 0 | 25°22 | 12°24 | 20°55 | 26°16 | 2°57 | 28°10 | 25° 2 | 26°19 | 26°21 | 21°39 | T 29 |
| F 30 | 6 35 1 | 7°49'20 | 12 Ω 32 | 11° 1 | 6°R 0 | 25°51 | 12°33 | 21° 2 | 26°20 | 2°59 | 28°12 | 25°R 2 | 26°16 | 26°27 | 21°36 | F 30 |
| S 31 | 6 38 57 | 8 궁 50'09 | 26 ♀ 10 | 12 る 35 | 5≈58 | 26 Y 19 | 12 M .43 | 21 ~ 9 | 26M23 | 3 ∺ 0 | 28 × 15 | 25 Ω 0 | 26 Ω 13 | 26≈34 | 21 \O 34 | S 31 |

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|------|---------|------------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------------------|----------------|----------------|-------|-----------------|------|
| S 1 | 6 42 54 | 9 ට 50'59 | 9 M .34 | 14る 9 | 5°R54 | 26 Y 48 | 12 M 53 | 21 × 16 | 26M26 | 3) € 2 | 28 × 17 | 24°R57 | 26 Ω 10 | 26≈41 | 21°R31 | S 1 |
| M 2 | 6 46 51 | 10°51'51 | 22°44 | 15°43 | 5≈46 | 27°17 | 13° 2 | 21°23 | 26°29 | 3° 3 | 28°19 | 24 Ω 51 | 26° 7 | 26°47 | $21\Omega_{28}$ | M 2 |
| T 3 | 6 50 47 | 11°52'44 | 5 √ 141 | 17°17 | 5°37 | 27°47 | 13°12 | 21°30 | 26°32 | 3° 5 | 28°22 | 24°44 | 26° 3 | 26°54 | 21°26 | T 3 |
| W 4 | 6 54 44 | 12°53'37 | 18°25 | 18°51 | 5°25 | 28°17 | 13°21 | 21°37 | 26°34 | 3° 7 | 28°24 | 24°36 | 26° 0 | 27° 0 | 21°23 | W 4 |
| T 5 | 6 58 40 | 13°54'32 | 0중58 | 20°26 | 5°10 | 28°47 | 13°30 | 21°44 | 26°37 | 3° 8 | 28°26 | 24°28 | 25°57 | 27° 7 | 21°20 | T 5 |
| F 6 | 7 2 3 7 | 14°55'28 | 13°18 | 22° 0 | 4°53 | 29°17 | 13°39 | 21°50 | 26°40 | 3°10 | 28°29 | 24°21 | 25°54 | 27°14 | 21°17 | F 6 |
| S 7 | 7 6 33 | 15°56'24 | 25°28 | 23°34 | 4°34 | 29°47 | 13°48 | 21°57 | 26°43 | 3°12 | 28°31 | 24°16 | 25°51 | 27°20 | 21°14 | S 7 |
| S 8 | 7 10 30 | 16°57'22 | 7 ≈ 29 | 25° 9 | 4°13 | 0 8 18 | 13°57 | 22° 4 | 26°46 | 3°13 | 28°33 | 24°12 | 25°48 | 27°27 | 21°11 | S 8 |
| M 9 | 7 14 26 | 17°58'20 | 19°21 | 26°44 | 3°49 | 0°49 | 14° 6 | 22°11 | 26°48 | 3°15 | 28°35 | 24°D11 | 25°44 | 27°34 | 21° 7 | M 9 |
| T 10 | 7 18 23 | 18°59'18 | 1 米 9 | 28°18 | 3°23 | 1°20 | 14°14 | 22°17 | 26°51 | 3°17 | 28°38 | 24°11 | 25°41 | 27°40 | 21° 4 | T 10 |
| W11 | 7 22 20 | 20° 0'17 | 12°55 | 29°53 | 2°55 | 1°51 | 14°23 | 22°24 | 26°54 | 3°18 | 28°40 | 24°12 | 25°38 | 27°47 | 21° 1 | W11 |
| T 12 | 7 26 16 | 21° 1'16 | 24°43 | 1≈28 | 2°26 | 2°23 | 14°31 | 22°31 | 26°56 | 3°20 | 28°42 | 24°14 | 25°35 | 27°54 | 20°57 | T 12 |
| F 13 | 7 30 13 | 22° 2'16 | 6 Ƴ 38 | 3° 2 | 1°54 | 2°54 | 14°39 | 22°37 | 26°59 | 3°22 | 28°44 | 24°16 | 25°32 | 28° 0 | 20°54 | F 13 |
| S 14 | 7 34 9 | 23° 3'16 | 18°46 | 4°37 | 1°22 | 3°26 | 14°48 | 22°44 | 27° 1 | 3°24 | 28°46 | 24°R17 | 25°29 | 28° 7 | 20°50 | S 14 |
| S 15 | 7 38 6 | 24° 4'16 | 1810 | 6°11 | 0°48 | 3°58 | 14°55 | 22°50 | 27° 4 | 3°26 | 28°49 | 24°17 | 25°25 | 28°14 | 20°47 | S 15 |
| M16 | 7 42 2 | 25° 5'17 | 13°56 | 7°46 | 0°13 | 4°31 | 15° 3 | 22°57 | 27° 6 | 3°28 | 28°51 | 24°15 | 25°22 | 28°20 | 20°43 | M16 |
| T 17 | 7 45 59 | 26° 6'18 | 27° 8 | 9°20 | 29 궁 37 | 5° 3 | 15°11 | 23° 3 | 27° 9 | 3°29 | 28°53 | 24°12 | 25°19 | 28°27 | 20°39 | T 17 |
| W18 | 7 49 55 | 27° 7'19 | 10 Ⅱ 47 | 10°54 | 29° 0 | 5°36 | 15°19 | 23°10 | 27°11 | 3°31 | 28°55 | 24° 9 | 25°16 | 28°34 | 20°36 | W18 |
| T 19 | 7 53 52 | 28° 8'20 | 24°55 | 12°27 | 28°24 | 6° 8 | 15°26 | 23°16 | 27°13 | 3°33 | 28°57 | 24° 5 | 25°13 | 28°40 | 20°32 | T 19 |
| F 20 | 7 57 49 | 29° 9'21 | 99527 | 14° 0 | 27°47 | 6°41 | 15°33 | 23°22 | 27°16 | 3°35 | 28°59 | 24° 1 | 25° 9 | 28°47 | 20°28 | F 20 |
| S 21 | 8 1 45 | 0≈10′23 | 24°19 | 15°33 | 27°10 | 7°14 | 15°41 | 23°29 | 27°18 | 3°37 | 29° 1 | 23°58 | 25° 6 | 28°53 | 20°24 | S 21 |
| S 22 | 8 5 42 | 1°11'25 | $9\Omega 22$ | 17° 4 | 26°34 | 7°47 | 15°48 | 23°35 | 27°20 | 3°39 | 29° 3 | 23°56 | 25° 3 | 29° 0 | 20°20 | S 22 |
| M23 | 8 9 38 | 2°12'27 | 24°28 | 18°35 | 25°59 | 8°21 | 15°55 | 23°41 | 27°22 | 3°41 | 29° 6 | 23°D55 | 25° 0 | 29° 7 | 20°16 | M23 |
| T 24 | 8 13 35 | 3°13'30 | 9 ™ 27 | 20° 4 | 25°25 | 8°54 | 16° 1 | 23°47 | 27°24 | 3°43 | 29° 8 | 23°56 | 24°57 | 29°13 | 20°12 | T 24 |
| W25 | 8 17 31 | 4°14'33 | 24°12 | 21°32 | 24°52 | 9°28 | 16° 8 | 23°53 | 27°26 | 3°45 | 29°10 | 23°57 | 24°54 | 29°20 | 20° 8 | W25 |
| T 26 | 8 21 28 | 5°15'36 | 8 亞 38 | 22°58 | 24°20 | 10° 2 | 16°15 | 23°59 | 27°28 | 3°47 | 29°12 | 23°59 | 24°50 | 29°27 | 20° 4 | T 26 |
| F 27 | 8 25 24 | 6°16'39 | 22°43 | 24°21 | 23°50 | 10°36 | 16°21 | 24° 5 | 27°30 | 3°49 | 29°14 | 24° 0 | 24°47 | 29°33 | 20° 0 | F 27 |
| S 28 | 8 29 21 | 7°17'43 | 6M24 | 25°42 | 23°22 | 11°10 | 16°27 | 24°11 | 27°32 | 3°51 | 29°16 | 24°R 0 | 24°44 | 29°40 | 19°55 | S 28 |
| S 29 | 8 33 18 | 8°18'48 | 19°44 | 27° 0 | 22°55 | 11°44 | 16°33 | 24°17 | 27°34 | 3°53 | 29°18 | 24° 0 | 24°41 | 29°47 | 19°51 | S 29 |
| M30 | 8 37 14 | 9°19'53 | 2 ₹ 44 | 28°15 | 22°31 | 12°18 | 16°39 | 24°23 | 27°36 | 3°56 | 29°19 | 23°59 | 24°38 | 29°53 | 19°47 | M30 |
| T 31 | 8 41 11 | 10≈20'58 | 15 ₹ 27 | 29≈25 | 22 る 9 | 12852 | 16ML45 | 24 × 29 | 27 M 37 | 3 ∺ 58 | 29 × ⁷ 21 | 23 N 57 | 24 N 35 | 29≈59 | 19 Ω 43 | T 31 |

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| Day | Sid.t | \odot | 2) | · | Ŷ | o' | 4 | ħ | ₩. | # | l E | γ -y | 83 | ţ | δ | Day |
|------|----------|-------------------|-----------------|----------------|----------------|--------------|-----------------|-----------------|----------------|---------------|----------------|----------------|--------|---------------|----------------|------|
| W 1 | 8 45 7 | 11≈22'03 | 27 ∡ 754 | 0) €30 | 21°R50 | 13827 | 16ML50 | 24 × 34 | 27 M 39 | 4)(0 | 29 х 23 | 23°R55 | 24€31 | 0 ∺ 7 | 19°R38 | W 1 |
| T 2 | 8 49 4 | 12°23'08 | 10중10 | 1°29 | 21 궁 32 | 14° 1 | 16°56 | 24°40 | 27°41 | 4° 2 | 29°25 | 23 £ 53 | 24°28 | 0°13 | 19 Ω 34 | T 2 |
| F 3 | 8 53 0 | 13°24'14 | 22°16 | 2°21 | 21°17 | 14°36 | 17° 1 | 24°45 | 27°42 | 4° 4 | 29°27 | 23°52 | 24°25 | 0°20 | 19°30 | F 3 |
| S 4 | 8 56 57 | 14°25'19 | 4≈14 | 3° 6 | 21° 5 | 15°11 | 17° 6 | 24°51 | 27°44 | 4° 6 | 29°29 | 23°51 | 24°22 | 0°26 | 19°25 | S 4 |
| S 5 | 9 0 53 | 15°26'24 | 16° 7 | 3°43 | 20°55 | 15°46 | 17°11 | 24°56 | 27°45 | 4° 8 | 29°31 | 23°50 | 24°19 | 0°33 | 19°21 | S 5 |
| M 6 | 9 4 50 | 16°27'29 | 27°55 | 4°10 | 20°47 | 16°21 | 17°16 | 25° 2 | 27°47 | 4°11 | 29°32 | 23°D50 | 24°15 | 0°40 | 19°17 | M 6 |
| T 7 | 9 8 47 | 17°28'33 | 9)(42 | 4°28 | 20°42 | 16°56 | 17°20 | 25° 7 | 27°48 | 4°13 | 29°34 | 23°50 | 24°12 | 0°46 | 19°12 | T 7 |
| W 8 | 9 12 43 | 18°29'37 | 21°30 | 4°R34 | 20°40 | 17°31 | 17°25 | 25°12 | 27°49 | 4°15 | 29°36 | 23°51 | 24° 9 | 0°53 | 19° 8 | W 8 |
| T 9 | 9 16 40 | 19°30'40 | 3 Υ 21 | 4°29 | 20°D40 | 18° 6 | 17°29 | 25°18 | 27°51 | 4°17 | 29°37 | 23°51 | 24° 6 | 1° 0 | 19° 3 | T 9 |
| F 10 | 9 20 36 | 20°31'43 | 15°19 | 4°13 | 20°42 | 18°42 | 17°33 | 25°23 | 27°52 | 4°19 | 29°39 | 23°52 | 24° 3 | 1° 6 | 18°59 | F 10 |
| S 11 | 9 24 33 | 21°32'46 | 27°27 | 3°45 | 20°46 | 19°17 | 17°37 | 25°28 | 27°53 | 4°22 | 29°41 | 23°52 | 24° 0 | 1°13 | 18°55 | S 11 |
| S 12 | 9 28 29 | 22°33'47 | 9 8 50 | 3° 5 | 20°53 | 19°53 | 17°41 | 25°33 | 27°54 | 4°24 | 29°42 | 23°52 | 23°56 | 1°20 | 18°50 | S 12 |
| M13 | 9 32 26 | 23°34'48 | 22°31 | 2°15 | 21° 3 | 20°29 | 17°44 | 25°38 | 27°55 | 4°26 | 29°44 | 23°52 | 23°53 | 1°26 | 18°46 | M13 |
| T 14 | 9 36 22 | 24°35'48 | 5 Ⅱ 34 | 1°16 | 21°14 | 21° 4 | 17°48 | 25°42 | 27°56 | 4°28 | 29°46 | 23°52 | 23°50 | 1°33 | 18°41 | T 14 |
| W15 | 9 40 19 | 25°36'47 | 19° 3 | 0° 9 | 21°27 | 21°40 | 17°51 | 25°47 | 27°57 | 4°31 | 29°47 | 23°52 | 23°47 | 1°40 | 18°37 | W15 |
| T 16 | 9 44 16 | 26°37'46 | 2959 | 28≈57 | 21°43 | 22°16 | 17°54 | 25°52 | 27°58 | 4°33 | 29°49 | 23°53 | 23°44 | 1°46 | 18°33 | T 16 |
| F 17 | 9 48 12 | 27°38'43 | 17°22 | 27°41 | 22° 1 | 22°52 | 17°57 | 25°56 | 27°59 | 4°35 | 29°50 | 23°53 | 23°41 | 1°53 | 18°28 | F 17 |
| S 18 | 9 52 9 | 28°39'40 | 2 N 8 | 26°24 | 22°20 | 23°28 | 18° 0 | 26° 1 | 28° 0 | 4°37 | 29°52 | 23°53 | 23°37 | 2° 0 | 18°24 | S 18 |
| S 19 | 9 56 5 | 29°40'35 | 17°13 | 25° 9 | 22°42 | 24° 4 | 18° 2 | 26° 5 | 28° 0 | 4°40 | 29°53 | 23°R54 | 23°34 | 2° 6 | 18°20 | S 19 |
| M20 | 10 0 2 | 0)(41'30 | 2 m 27 | 23°57 | 23° 5 | 24°40 | 18° 4 | 26°10 | 28° 1 | 4°42 | 29°54 | 23°54 | 23°31 | 2°13 | 18°16 | M20 |
| T 21 | 10 3 58 | 1°42'24 | 17°41 | 22°50 | 23°31 | 25°16 | 18° 7 | 26°14 | 28° 2 | 4°44 | 29°56 | 23°53 | 23°28 | 2°19 | 18°11 | T 21 |
| W22 | 10 7 55 | 2°43'18 | 2 ≏ 45 | 21°49 | 23°58 | 25°53 | 18° 9 | 26°18 | 28° 2 | 4°47 | 29°57 | 23°52 | 23°25 | 2°26 | 18° 7 | W22 |
| T 23 | 10 11 51 | 3°44'10 | 17°30 | 20°57 | 24°26 | 26°29 | 18°10 | 26°22 | 28° 3 | 4°49 | 29°58 | 23°51 | 23°21 | 2°33 | 18° 3 | T 23 |
| F 24 | 10 15 48 | 4°45'02 | 1 M .52 | 20°12 | 24°56 | 27° 5 | 18°12 | 26°27 | 28° 3 | 4°51 | 29°59 | 23°50 | 23°18 | 2°39 | 17°59 | F 24 |
| S 25 | 10 19 45 | 5°45'54 | 15°46 | 19°36 | 25°28 | 27°42 | 18°13 | 26°30 | 28° 4 | 4°53 | 0ਰ 1 | 23°49 | 23°15 | 2°46 | 17°55 | S 25 |
| S 26 | 10 23 41 | 6°46'44 | 29°13 | 19° 9 | 26° 2 | 28°18 | 18°15 | 26°34 | 28° 4 | 4°56 | 0° 2 | 23°48 | 23°12 | 2°53 | 17°51 | S 26 |
| M27 | 10 27 38 | 7°47'35 | 12 √ 14 | 18°50 | 26°36 | 28°55 | 18°16 | 26°38 | 28° 4 | 4°58 | 0° 3 | 23°D48 | 23° 9 | 2°59 | 17°46 | M27 |
| T 28 | 10 31 34 | 8°48'24 | 24°53 | 18°40 | 27°12 | 29°31 | 18°16 | 26°42 | 28° 4 | 5° 0 | 0° 4 | 23°49 | 23° 6 | 3° 6 | 17°42 | T 28 |
| W29 | 10 35 31 | 9) 49'13 | 7 궁 14 | 18°D37 | 27 る 50 | 0 Π 8 | 18 M .17 | 26 × 746 | 28M 5 | 5 ∺ 3 | 0중 6 | $23\Omega 50$ | 23 0 2 | 3 ∺ 13 | 17 Ω 39 | W29 |

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|------|----------|-------------------|-----------------|---------------|----------------|----------------|-----------------|----------------|----------------|--------------|---------------|----------------|----------------|---------------|----------------|------|
| T 1 | 10 39 27 | 10 米 50'01 | 19 る 20 | 18≈42 | 28 궁 28 | 0 Ⅱ 45 | 18 M .17 | 26 ₹ 49 | 28M 5 | 5) 5 | 0중 7 | 23 £ 51 | 22 Ω 59 | 3 ∺ 19 | 17°R35 | T 1 |
| F 2 | 10 43 24 | 11°50'48 | 1≈17 | 18°54 | 29° 8 | 1°21 | 18°18 | 26°53 | 28°R 5 | 5° 7 | 0°8 | 23°53 | 22°56 | 3°26 | 17 Ω 31 | F 2 |
| S 3 | 10 47 20 | 12°51'34 | 13° 7 | 19°13 | 29°49 | 1°58 | 18°R18 | 26°56 | 28° 5 | 5° 9 | 0° 9 | 23°54 | 22°53 | 3°33 | 17°27 | S 3 |
| S 4 | 10 51 17 | 13°52'19 | 24°54 | 19°37 | 0≈31 | 2°35 | 18°18 | 26°59 | 28° 5 | 5°12 | 0°10 | 23°R54 | 22°50 | 3°39 | 17°23 | S 4 |
| M 5 | 10 55 14 | 14°53'03 | 6) (41 | 20° 7 | 1°14 | 3°12 | 18°17 | 27° 2 | 28° 4 | 5°14 | 0°11 | 23°54 | 22°46 | 3°46 | 17°20 | M 5 |
| T 6 | 10 59 10 | 15°53'45 | 18°30 | 20°42 | 1°58 | 3°49 | 18°17 | 27° 5 | 28° 4 | 5°16 | 0°12 | 23°52 | 22°43 | 3°52 | 17°16 | T 6 |
| W 7 | 11 3 7 | 16°54'27 | 0 Υ 23 | 21°21 | 2°44 | 4°26 | 18°16 | 27° 8 | 28° 4 | 5°18 | 0°13 | 23°49 | 22°40 | 3°59 | 17°12 | W 7 |
| T 8 | 11 7 3 | 17°55'07 | 12°21 | 22° 5 | 3°30 | 5° 2 | 18°15 | 27°11 | 28° 4 | 5°21 | 0°13 | 23°45 | 22°37 | 4° 6 | 17° 9 | T 8 |
| F 9 | 11 11 0 | 18°55'46 | 24°28 | 22°52 | 4°17 | 5°40 | 18°14 | 27°14 | 28° 3 | 5°23 | 0°14 | 23°41 | 22°34 | 4°12 | 17° 5 | F 9 |
| S 10 | 11 14 56 | 19°56'23 | 6 8 44 | 23°43 | 5° 4 | 6°17 | 18°13 | 27°17 | 28° 3 | 5°25 | 0°15 | 23°36 | 22°31 | 4°19 | 17° 2 | S 10 |
| S 11 | 11 18 53 | 20°56'59 | 19°12 | 24°38 | 5°53 | 6°54 | 18°12 | 27°19 | 28° 3 | 5°27 | 0°16 | 23°32 | 22°27 | 4°26 | 16°59 | S 11 |
| M12 | 11 22 49 | 21°57'33 | 1 Ⅱ 55 | 25°35 | 6°43 | 7°31 | 18°10 | 27°22 | 28° 2 | 5°29 | 0°17 | 23°29 | 22°24 | 4°32 | 16°55 | M12 |
| T 13 | 11 26 46 | 22°58'06 | 14°56 | 26°35 | 7°33 | 8° 8 | 18° 8 | 27°24 | 28° 2 | 5°32 | 0°17 | 23°28 | 22°21 | 4°39 | 16°52 | T 13 |
| W14 | 11 30 42 | 23°58'37 | 28°16 | 27°38 | 8°24 | 8°45 | 18° 6 | 27°27 | 28° 1 | 5°34 | 0°18 | 23°D28 | 22°18 | 4°46 | 16°49 | W14 |
| T 15 | 11 34 39 | 24°59'06 | 119559 | 28°43 | 9°15 | 9°22 | 18° 4 | 27°29 | 28° 0 | 5°36 | 0°19 | 23°28 | 22°15 | 4°52 | 16°46 | T 15 |
| F 16 | 11 38 36 | 25°59'33 | 26° 5 | 29°51 | 10° 8 | 10° 0 | 18° 2 | 27°31 | 28° 0 | 5°38 | 0°19 | 23°30 | 22°12 | 4°59 | 16°43 | F 16 |
| S 17 | 11 42 32 | 26°59'59 | 10 Ω 33 | 1 ∺ 0 | 11° 1 | 10°37 | 17°59 | 27°33 | 27°59 | 5°40 | 0°20 | 23°31 | 22° 8 | 5° 6 | 16°40 | S 17 |
| S 18 | 11 46 29 | 28° 0'23 | 25°22 | 2°12 | 11°55 | 11°14 | 17°56 | 27°35 | 27°58 | 5°42 | 0°20 | 23°R32 | 22° 5 | 5°12 | 16°37 | S 18 |
| M19 | 11 50 25 | 29° 0'45 | 10 m 25 | 3°25 | 12°49 | 11°51 | 17°53 | 27°37 | 27°57 | 5°45 | 0°21 | 23°31 | 22° 2 | 5°19 | 16°35 | M19 |
| T 20 | 11 54 22 | 0 Υ 1'05 | 25°34 | 4°40 | 13°44 | 12°29 | 17°50 | 27°39 | 27°56 | 5°47 | 0°21 | 23°28 | 21°59 | 5°26 | 16°32 | T 20 |
| W21 | 11 58 18 | 1° 1'24 | 10 ≏ 40 | 5°57 | 14°39 | 13° 6 | 17°47 | 27°40 | 27°55 | 5°49 | 0°22 | 23°23 | 21°56 | 5°32 | 16°29 | W21 |
| T 22 | 12 2 15 | 2° 1'41 | 25°33 | 7°15 | 15°35 | 13°43 | 17°44 | 27°42 | 27°54 | 5°51 | 0°22 | 23°18 | 21°52 | 5°39 | 16°27 | T 22 |
| F 23 | 12 6 11 | 3° 1'57 | 10 M 5 | 8°35 | 16°32 | 14°21 | 17°40 | 27°43 | 27°53 | 5°53 | 0°22 | 23°11 | 21°49 | 5°45 | 16°24 | F 23 |
| S 24 | 12 10 8 | 4° 2'11 | 24°11 | 9°56 | 17°29 | 14°58 | 17°36 | 27°45 | 27°52 | 5°55 | 0°23 | 23° 5 | 21°46 | 5°52 | 16°22 | S 24 |
| S 25 | 12 14 5 | 5° 2'24 | 7 ,₹ 148 | 11°19 | 18°26 | 15°36 | 17°32 | 27°46 | 27°51 | 5°57 | 0°23 | 23° 1 | 21°43 | 5°59 | 16°20 | S 25 |
| M26 | 12 18 1 | 6° 2'36 | 20°56 | 12°43 | 19°24 | 16°13 | 17°28 | 27°47 | 27°50 | 5°59 | 0°23 | 22°58 | 21°40 | 6° 5 | 16°18 | M26 |
| T 27 | 12 21 58 | 7° 2'46 | 3 ろ 39 | 14° 8 | 20°23 | 16°51 | 17°24 | 27°48 | 27°48 | 6° 1 | 0°23 | 22°D56 | 21°37 | 6°12 | 16°16 | T 27 |
| W28 | 12 25 54 | 8° 2'55 | 16° 0 | 15°35 | 21°22 | 17°28 | 17°19 | 27°49 | 27°47 | 6° 3 | 0°24 | 22°57 | 21°33 | 6°19 | 16°14 | W28 |
| T 29 | 12 29 51 | 9° 3'02 | 28° 5 | 17° 2 | 22°21 | 18° 5 | 17°15 | 27°50 | 27°46 | 6° 5 | 0°24 | 22°58 | 21°30 | 6°25 | 16°12 | T 29 |
| F 30 | 12 33 47 | 10° 3'08 | 9≈59 | 18°32 | 23°21 | 18°43 | 17°10 | 27°51 | 27°44 | 6° 7 | 0°24 | 22°59 | 21°27 | 6°32 | 16°10 | F 30 |
| S 31 | 12 37 44 | 11 ° 3'12 | 21≈46 | 20 米 2 | 24≈21 | 19 Ⅱ 21 | 17 M 5 | 27 ₹ 51 | 27 M 43 | 6 ∺ 9 | 0 궁 24 | 23°R 0 | 21 Ω 24 | 6 ∺ 39 | 16 Ω 8 | S 31 |

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| S 1 | 12 41 40 | 12 ° 3'15 | 3) €32 | 21) 33 | 25≈21 | 19 Ⅱ 58 | 17°R 0 | 27 × 752 | 27°R41 | 6 ∺ 11 | 0 云 24 | 22°R59 | 21 \O 21 | 6) €45 | 16°R 7 | S 1 |
| M 2 | 12 45 37 | 13° 3'16 | 15°20 | 23° 6 | 26°22 | 20°36 | 16ML55 | 27°52 | 27 M 40 | 6°13 | 0°R24 | 22 Ω 57 | 21°17 | 6°52 | 16 Ω 5 | M 2 |
| T 3 | 12 49 34 | 14° 3'15 | 27°13 | 24°40 | 27°24 | 21°13 | 16°49 | 27°53 | 27°38 | 6°15 | 0°24 | 22°51 | 21°14 | 6°59 | 16° 4 | T 3 |
| W 4 | 12 53 30 | 15° 3'13 | 9 Υ 14 | 26°15 | 28°25 | 21°51 | 16°44 | 27°53 | 27°37 | 6°17 | 0°24 | 22°44 | 21°11 | 7° 5 | 16° 3 | W 4 |
| T 5 | 12 57 27 | 16° 3'09 | 21°24 | 27°51 | 29°27 | 22°28 | 16°38 | 27°53 | 27°35 | 6°19 | 0°24 | 22°35 | 21° 8 | 7°12 | 16° 1 | T 5 |
| F 6 | 13 1 23 | 17° 3'02 | 3 8 44 | 29°28 | 0 ∺ 29 | 23° 6 | 16°33 | 27°R53 | 27°33 | 6°21 | 0°24 | 22°24 | 21° 5 | 7°19 | 16° 0 | F 6 |
| S 7 | 13 5 20 | 18° 2'54 | 16°16 | 1 ℃ 7 | 1°32 | 23°44 | 16°27 | 27°53 | 27°31 | 6°22 | 0°23 | 22°14 | 21° 2 | 7°25 | 15°59 | S 7 |
| S 8 | 13 9 16 | 19° 2'45 | 28°59 | 2°47 | 2°34 | 24°21 | 16°21 | 27°53 | 27°30 | 6°24 | 0°23 | 22° 4 | 20°58 | 7°32 | 15°58 | S 8 |
| M 9 | 13 13 13 | 20° 2'33 | 11 Ⅱ 54 | 4°28 | 3°38 | 24°59 | 16°14 | 27°52 | 27°28 | 6°26 | 0°23 | 21°56 | 20°55 | 7°39 | 15°57 | M 9 |
| T 10 | 13 17 9 | 21° 2'19 | 25° 2 | 6°10 | 4°41 | 25°37 | 16° 8 | 27°52 | 27°26 | 6°28 | 0°23 | 21°51 | 20°52 | 7°45 | 15°57 | T 10 |
| W11 | 13 21 6 | 22° 2'02 | 89524 | 7°53 | 5°44 | 26°14 | 16° 2 | 27°51 | 27°24 | 6°29 | 0°22 | 21°48 | 20°49 | 7°52 | 15°56 | W11 |
| T 12 | 13 25 2 | 23° 1'44 | 22° 1 | 9°38 | 6°48 | 26°52 | 15°55 | 27°51 | 27°22 | 6°31 | 0°22 | 21°D47 | 20°46 | 7°58 | 15°56 | T 12 |
| F 13 | 13 28 59 | 24° 1'23 | 5 Ω 56 | 11°24 | 7°52 | 27°30 | 15°49 | 27°50 | 27°20 | 6°33 | 0°22 | 21°47 | 20°43 | 8° 5 | 15°55 | F 13 |
| S 14 | 13 32 56 | 25° 1'01 | 20° 7 | 13°11 | 8°57 | 28° 7 | 15°42 | 27°49 | 27°18 | 6°35 | 0°21 | 21°R48 | 20°39 | 8°12 | 15°55 | S 14 |
| S 15 | 13 36 52 | 26° 0'35 | 4 m 34 | 14°59 | 10° 1 | 28°45 | 15°35 | 27°48 | 27°16 | 6°36 | 0°21 | 21°47 | 20°36 | 8°18 | 15°55 | S 15 |
| M16 | 13 40 49 | 27° 0'08 | 19°15 | 16°49 | 11° 6 | 29°23 | 15°28 | 27°47 | 27°14 | 6°38 | 0°20 | 21°44 | 20°33 | 8°25 | 15°55 | M16 |
| T 17 | 13 44 45 | 27°59'38 | 4 º 3 | 18°40 | 12°11 | 0ම 0 | 15°21 | 27°46 | 27°12 | 6°39 | 0°20 | 21°39 | 20°30 | 8°32 | 15°D54 | T 17 |
| W18 | 13 48 42 | 28°59'07 | 18°53 | 20°32 | 13°16 | 0°38 | 15°14 | 27°45 | 27°10 | 6°41 | 0°19 | 21°31 | 20°27 | 8°38 | 15°55 | W18 |
| T 19 | 13 52 38 | 29°58'33 | 3 M .35 | 22°26 | 14°22 | 1°16 | 15° 7 | 27°44 | 27° 8 | 6°43 | 0°19 | 21°21 | 20°23 | 8°45 | 15°55 | T 19 |
| F 20 | 13 56 35 | 0 8 57'58 | 18° 2 | 24°21 | 15°27 | 1°53 | 15° 0 | 27°43 | 27° 6 | 6°44 | 0°18 | 21°10 | 20°20 | 8°52 | 15°55 | F 20 |
| S 21 | 14 0 31 | 1°57'20 | 2 , ₹ 8 | 26°17 | 16°33 | 2°31 | 14°52 | 27°41 | 27° 3 | 6°46 | 0°18 | 21° 0 | 20°17 | 8°58 | 15°55 | S 21 |
| S 22 | 14 4 28 | 2°56'41 | 15°47 | 28°14 | 17°39 | 3° 9 | 14°45 | 27°39 | 27° 1 | 6°47 | 0°17 | 20°50 | 20°14 | 9° 5 | 15°56 | S 22 |
| M23 | 14 8 25 | 3°56'01 | 29° 0 | 0 8 13 | 18°45 | 3°46 | 14°38 | 27°38 | 26°59 | 6°48 | 0°16 | 20°43 | 20°11 | 9°12 | 15°56 | M23 |
| T 24 | 14 12 21 | 4°55'18 | 11 る 47 | 2°13 | 19°52 | 4°24 | 14°30 | 27°36 | 26°57 | 6°50 | 0°16 | 20°39 | 20° 8 | 9°18 | 15°57 | T 24 |
| W25 | 14 16 18 | 5°54'34 | 24°11 | 4°14 | 20°58 | 5° 2 | 14°23 | 27°34 | 26°54 | 6°51 | 0°15 | 20°37 | 20° 4 | 9°25 | 15°58 | W25 |
| T 26 | 14 20 14 | 6°53'48 | 6≈18 | 6°16 | 22° 5 | 5°39 | 14°15 | 27°32 | 26°52 | 6°53 | 0°14 | 20°D36 | 20° 1 | 9°32 | 15°59 | T 26 |
| F 27 | 14 24 11 | 7°53'00 | 18°13 | 8°19 | 23°12 | 6°17 | 14° 8 | 27°30 | 26°50 | 6°54 | 0°13 | 20°R36 | 19°58 | 9°38 | 16° 0 | F 27 |
| S 28 | 14 28 7 | 8°52'11 | 0₩ 2 | 10°23 | 24°19 | 6°55 | 14° 0 | 27°28 | 26°47 | 6°55 | 0°13 | 20°36 | 19°55 | 9°45 | 16° 1 | S 28 |
| S 29 | 14 32 4 | 9°51'20 | 11°49 | 12°27 | 25°26 | 7°33 | 13°52 | 27°26 | 26°45 | 6°57 | 0°12 | 20°34 | 19°52 | 9°52 | 16° 2 | S 29 |
| M30 | 14 36 0 | 10 8 50'27 | 23) (40 | 14 8 32 | 26 米 33 | 89910 | 13 M .45 | 27 × 24 | 26M42 | 6 ∺ 58 | 0 궁 11 | 20⋒30 | 19 Ω 49 | 9 米 58 | 16 N 3 | M30 |

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|------|----------|------------------|----------------|----------------|-----------------|-------|----------------|----------------|----------------|---------------|-----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 14 39 57 | 11849'32 | 5 Ƴ 38 | 16 8 37 | 27) (41 | 89548 | 13°R37 | 27°R21 | 26°R40 | 6 ¥ 59 | 0°R10 | 20°R23 | 19 Ω 45 | 10 米 5 | 16 Ω 5 | T 1 |
| W 2 | 14 43 54 | 12°48'36 | 17°47 | 18°42 | 28°48 | 9°26 | 13 M 29 | 27 ∡ 19 | 26 M 37 | 7° 0 | 0 궁 9 | 20 Ω 14 | 19°42 | 10°11 | 16° 6 | W 2 |
| T 3 | 14 47 50 | 13°47'37 | 0 8 9 | 20°47 | 29°56 | 10° 3 | 13°21 | 27°16 | 26°35 | 7° 1 | 0° 8 | 20° 2 | 19°39 | 10°18 | 16° 8 | T 3 |
| F 4 | 14 51 47 | 14°46'37 | 12°46 | 22°52 | 1 ℃ 4 | 10°41 | 13°14 | 27°14 | 26°32 | 7° 3 | 0° 7 | 19°48 | 19°36 | 10°25 | 16° 9 | F 4 |
| S 5 | 14 55 43 | 15°45'35 | 25°36 | 24°56 | 2°12 | 11°19 | 13° 6 | 27°11 | 26°30 | 7° 4 | 0° 6 | 19°35 | 19°33 | 10°31 | 16°11 | S 5 |
| S 6 | 14 59 40 | 16°44'31 | 8耳39 | 26°58 | 3°20 | 11°57 | 12°58 | 27° 8 | 26°27 | 7° 5 | 0° 5 | 19°22 | 19°29 | 10°38 | 16°13 | S 6 |
| M 7 | 15 3 36 | 17°43'25 | 21°55 | 28°59 | 4°28 | 12°34 | 12°51 | 27° 5 | 26°25 | 7° 6 | 0° 4 | 19°12 | 19°26 | 10°45 | 16°15 | M 7 |
| T 8 | 15 7 33 | 18°42'17 | 5921 | 0Д58 | 5°36 | 13°12 | 12°43 | 27° 2 | 26°22 | 7° 7 | 0° 3 | 19° 4 | 19°23 | 10°51 | 16°17 | T 8 |
| W 9 | 15 11 29 | 19°41'07 | 18°57 | 2°55 | 6°45 | 13°50 | 12°35 | 26°59 | 26°20 | 7° 8 | 0° 2 | 19° 0 | 19°20 | 10°58 | 16°19 | W 9 |
| T 10 | 15 15 26 | 20°39'55 | 2 Ω 42 | 4°50 | 7°53 | 14°27 | 12°28 | 26°56 | 26°17 | 7° 9 | 0° 0 | 18°58 | 19°17 | 11° 5 | 16°21 | T 10 |
| F 11 | 15 19 23 | 21°38'40 | 16°37 | 6°41 | 9° 2 | 15° 5 | 12°20 | 26°53 | 26°15 | 7°10 | 29 × 759 | 18°57 | 19°14 | 11°11 | 16°24 | F 11 |
| S 12 | 15 23 19 | 22°37'24 | 0 m /40 | 8°30 | 10°11 | 15°43 | 12°13 | 26°50 | 26°12 | 7°11 | 29°58 | 18°57 | 19°10 | 11°18 | 16°26 | S 12 |
| S 13 | 15 27 16 | 23°36'05 | 14°53 | 10°15 | 11°19 | 16°20 | 12° 5 | 26°46 | 26°10 | 7°11 | 29°57 | 18°56 | 19° 7 | 11°25 | 16°29 | S 13 |
| M14 | 15 31 12 | 24°34'43 | 29°12 | 11°56 | 12°28 | 16°58 | 11°58 | 26°43 | 26° 7 | 7°12 | 29°56 | 18°53 | 19° 4 | 11°31 | 16°31 | M14 |
| T 15 | 15 35 9 | 25°33'20 | 13 ≏ 36 | 13°34 | 13°37 | 17°36 | 11°51 | 26°39 | 26° 5 | 7°13 | 29°54 | 18°47 | 19° 1 | 11°38 | 16°34 | T 15 |
| W16 | 15 39 5 | 26°31'55 | 27°59 | 15° 7 | 14°46 | 18°14 | 11°43 | 26°36 | 26° 2 | 7°14 | 29°53 | 18°39 | 18°58 | 11°45 | 16°37 | W16 |
| T 17 | 15 43 2 | 27°30'27 | 12 M 18 | 16°37 | 15°55 | 18°51 | 11°36 | 26°32 | 25°59 | 7°15 | 29°52 | 18°28 | 18°54 | 11°51 | 16°40 | T 17 |
| F 18 | 15 46 58 | 28°28'58 | 26°25 | 18° 1 | 17° 5 | 19°29 | 11°29 | 26°29 | 25°57 | 7°15 | 29°51 | 18°16 | 18°51 | 11°58 | 16°43 | F 18 |
| S 19 | 15 50 55 | 29°27'27 | 10 才 15 | 19°22 | 18°14 | 20° 7 | 11°22 | 26°25 | 25°54 | 7°16 | 29°49 | 18° 5 | 18°48 | 12° 5 | 16°46 | S 19 |
| S 20 | 15 54 52 | 0Ⅲ25'54 | 23°45 | 20°38 | 19°23 | 20°44 | 11°15 | 26°21 | 25°52 | 7°17 | 29°48 | 17°54 | 18°45 | 12°11 | 16°49 | S 20 |
| M21 | 15 58 48 | 1°24'20 | 6 る 52 | 21°49 | 20°33 | 21°22 | 11°8 | 26°17 | 25°49 | 7°17 | 29°46 | 17°46 | 18°42 | 12°18 | 16°52 | M21 |
| T 22 | 16 2 45 | 2°22'44 | 19°38 | 22°55 | 21°42 | 22° 0 | 11° 1 | 26°14 | 25°47 | 7°18 | 29°45 | 17°41 | 18°39 | 12°25 | 16°55 | T 22 |
| W23 | 16 641 | 3°21'06 | 2≈ 3 | 23°56 | 22°52 | 22°37 | 10°55 | 26°10 | 25°44 | 7°18 | 29°44 | 17°38 | 18°35 | 12°31 | 16°59 | W23 |
| T 24 | 16 10 38 | 4°19'27 | 14°11 | 24°53 | 24° 2 | 23°15 | 10°48 | 26° 6 | 25°42 | 7°19 | 29°42 | 17°D37 | 18°32 | 12°38 | 17° 2 | T 24 |
| F 25 | 16 14 34 | 5°17'46 | 26° 8 | 25°44 | 25°12 | 23°53 | 10°42 | 26° 2 | 25°39 | 7°19 | 29°41 | 17°37 | 18°29 | 12°45 | 17° 6 | F 25 |
| S 26 | 16 18 31 | 6°16'04 | 7 ₩ 58 | 26°30 | 26°21 | 24°30 | 10°35 | 25°58 | 25°37 | 7°20 | 29°39 | 17°R37 | 18°26 | 12°51 | 17°10 | S 26 |
| S 27 | 16 22 27 | 7°14'21 | 19°47 | 27°11 | 27°31 | 25° 8 | 10°29 | 25°53 | 25°34 | 7°20 | 29°38 | 17°36 | 18°23 | 12°58 | 17°13 | S 27 |
| M28 | 16 26 24 | 8°12'36 | 1 Y 40 | 27°47 | 28°41 | 25°45 | 10°23 | 25°49 | 25°32 | 7°21 | 29°36 | 17°34 | 18°20 | 13° 5 | 17°17 | M28 |
| T 29 | 16 30 21 | 9°10'49 | 13°43 | 28°18 | 29°51 | 26°23 | 10°17 | 25°45 | 25°29 | 7°21 | 29°35 | 17°29 | 18°16 | 13°11 | 17°21 | T 29 |
| W30 | 16 34 17 | 10° 9'01 | 25°58 | 28°44 | 18 2 | 27° 1 | 10°11 | 25°41 | 25°27 | 7°21 | 29°33 | 17°21 | 18°13 | 13°18 | 17°25 | W30 |
| T 31 | 16 38 14 | 11 I 7'12 | 8 8 29 | 29Ⅱ 4 | 2812 | 27938 | 10 M 5 | 25 ∡ 37 | 25 M 24 | 7 ∺ 22 | 29 × 32 | 17 Ω 12 | 18 Ω 10 | 13 ∺ 25 | 17 Ω 29 | T 31 |

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| F 1 | 16 42 10 | 12 II 5'21 | 21819 | 29∏19 | 3 8 22 | 289616 | 9°R59 | 25°R32 | 25°R22 | 7) €22 | 29°R30 | 17°R 1 | 18 Ω 7 | 13) (31 | 17 Ω 33 | F 1 |
| S 2 | 16 46 7 | 13° 3'29 | 4 Ⅱ 26 | 29°29 | 4°32 | 28°54 | 9 M .54 | 25 × 28 | 25 M 19 | 7°22 | 29 × 129 | 16₽50 | 18° 4 | 13°38 | 17°37 | S 2 |
| S 3 | 16.50 3 | 14° 1'35 | 17°51 | 29°R34 | 5°43 | 29°31 | 9°48 | 25°24 | 25°17 | 7°22 | 29°27 | 16°40 | 18° 0 | 13°44 | 17°42 | S 3 |
| M 4 | 16 54 0 | 14°59'40 | 19530 | 29°33 | 6°53 | 0Ω 9 | 9°43 | 25°19 | 25°15 | 7°22 | 29°26 | 16°31 | 17°57 | 13°51 | 17°46 | M 4 |
| T 5 | 16 57 56 | 15°57'43 | 15°21 | 29°28 | 8° 3 | 0°47 | 9°38 | 25°15 | 25°12 | 7°22 | 29°24 | 16°25 | 17°54 | 13°58 | 17°51 | T 5 |
| W 6 | 17 1 53 | 16°55'45 | 29°20 | 29°18 | 9°14 | 1°24 | 9°33 | 25°11 | 25°10 | 7°23 | 29°23 | 16°22 | 17°51 | 14° 4 | 17°55 | W 6 |
| T 7 | 17 5 50 | 17°53'45 | 13 Ω 24 | 29° 4 | 10°24 | 2° 2 | 9°28 | 25° 6 | 25° 8 | 7°23 | 29°21 | 16°D20 | 17°48 | 14°11 | 18° 0 | T 7 |
| F 8 | 17 9 46 | 18°51'43 | 27°31 | 28°46 | 11°35 | 2°39 | 9°24 | 25° 2 | 25° 5 | 7°R23 | 29°19 | 16°21 | 17°45 | 14°18 | 18° 4 | F 8 |
| S 9 | 17 13 43 | 19°49'39 | 11 m /40 | 28°24 | 12°46 | 3°17 | 9°19 | 24°57 | 25° 3 | 7°23 | 29°18 | 16°21 | 17°41 | 14°24 | 18° 9 | S 9 |
| S 10 | 17 17 39 | 20°47'33 | 25°49 | 27°59 | 13°56 | 3°55 | 9°15 | 24°53 | 25° 1 | 7°23 | 29°16 | 16°R22 | 17°38 | 14°31 | 18°14 | S 10 |
| M11 | 17 21 36 | 21°45'26 | 9₽56 | 27°31 | 15° 7 | 4°32 | 9°11 | 24°48 | 24°59 | 7°22 | 29°15 | 16°20 | 17°35 | 14°38 | 18°19 | M11 |
| T 12 | 17 25 32 | 22°43'17 | 24° 1 | 27° 0 | 16°18 | 5°10 | 9° 7 | 24°44 | 24°57 | 7°22 | 29°13 | 16°17 | 17°32 | 14°44 | 18°24 | T 12 |
| W13 | 17 29 29 | 23°41'06 | 8 M 0 | 26°28 | 17°28 | 5°48 | 9° 3 | 24°39 | 24°54 | 7°22 | 29°11 | 16°11 | 17°29 | 14°51 | 18°29 | W13 |
| T 14 | 17 33 25 | 24°38'54 | 21°52 | 25°54 | 18°39 | 6°25 | 8°59 | 24°35 | 24°52 | 7°22 | 29°10 | 16° 3 | 17°26 | 14°58 | 18°34 | T 14 |
| F 15 | 17 37 22 | 25°36'41 | 5 ₹ 32 | 25°20 | 19°50 | 7° 3 | 8°56 | 24°30 | 24°50 | 7°22 | 29° 8 | 15°55 | 17°22 | 15° 4 | 18°39 | F 15 |
| S 16 | 17 41 19 | 26°34'26 | 18°59 | 24°46 | 21° 1 | 7°40 | 8°52 | 24°26 | 24°48 | 7°22 | 29° 6 | 15°47 | 17°19 | 15°11 | 18°44 | S 16 |
| S 17 | 17 45 15 | 27°32'09 | 2ට 9 | 24°12 | 22°12 | 8°18 | 8°49 | 24°21 | 24°46 | 7°21 | 29° 5 | 15°40 | 17°16 | 15°18 | 18°49 | S 17 |
| M18 | 17 49 12 | 28°29'52 | 15° 2 | 23°39 | 23°23 | 8°55 | 8°46 | 24°17 | 24°44 | 7°21 | 29° 3 | 15°34 | 17°13 | 15°24 | 18°55 | M18 |
| T 19 | 17 53 8 | 29°27'33 | 27°38 | 23° 8 | 24°34 | 9°33 | 8°43 | 24°12 | 24°42 | 7°21 | 29° 2 | 15°30 | 17°10 | 15°31 | 19° 0 | T 19 |
| W20 | 17 57 5 | 0925'14 | 9 ≈ 58 | 22°40 | 25°45 | 10°11 | 8°41 | 24° 8 | 24°40 | 7°20 | 29° 0 | 15°D29 | 17° 6 | 15°38 | 19° 6 | W20 |
| T 21 | 18 1 1 | 1°22'53 | 22° 4 | 22°14 | 26°56 | 10°48 | 8°38 | 24° 3 | 24°38 | 7°20 | 28°58 | 15°29 | 17° 3 | 15°44 | 19°11 | T 21 |
| F 22 | 18 4 58 | 2°20'31 | 4) € 0 | 21°51 | 28° 8 | 11°26 | 8°36 | 23°59 | 24°36 | 7°19 | 28°57 | 15°30 | 17° 0 | 15°51 | 19°17 | F 22 |
| S 23 | 18 8 54 | 3°18'09 | 15°51 | 21°31 | 29°19 | 12° 3 | 8°34 | 23°55 | 24°35 | 7°19 | 28°55 | 15°31 | 16°57 | 15°58 | 19°22 | S 23 |
| S 24 | 18 12 51 | 4°15'45 | 27°41 | 21°15 | 0Д30 | 12°41 | 8°32 | 23°50 | 24°33 | 7°19 | 28°53 | 15°32 | 16°54 | 16° 4 | 19°28 | S 24 |
| M25 | 18 16 48 | 5°13'21 | 9 Ƴ 35 | 21° 3 | 1°41 | 13°18 | 8°30 | 23°46 | 24°31 | 7°18 | 28°52 | 15°R33 | 16°51 | 16°11 | 19°34 | M25 |
| T 26 | 18 20 44 | 6°10'56 | 21°39 | 20°56 | 2°53 | 13°56 | 8°29 | 23°42 | 24°29 | 7°17 | 28°50 | 15°31 | 16°47 | 16°18 | 19°40 | T 26 |
| W27 | 18 24 41 | 7° 8'30 | 3 8 56 | 20°D52 | 4° 4 | 14°34 | 8°27 | 23°37 | 24°28 | 7°17 | 28°49 | 15°28 | 16°44 | 16°24 | 19°45 | W27 |
| T 28 | 18 28 37 | 8° 6'03 | 16°32 | 20°53 | 5°15 | 15°11 | 8°26 | 23°33 | 24°26 | 7°16 | 28°47 | 15°24 | 16°41 | 16°31 | 19°51 | T 28 |
| F 29 | 18 32 34 | 9° 3'36 | 29°28 | 20°59 | 6°27 | 15°49 | 8°25 | 23°29 | 24°25 | 7°16 | 28°45 | 15°19 | 16°38 | 16°38 | 19°57 | F 29 |
| S 30 | 18 36 30 | 109 1'08 | 12 Ⅱ 46 | 21 II 9 | 7 Ⅱ 38 | 16 Ω 26 | 8 M 24 | 23 × 24 | 24M23 | 7 ₩ 15 | 28 ∡ ⁴44 | 15 Ω 13 | 16 Ω 35 | 16) (44 | 20 Ω 3 | S 30 |

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| S 1 | 18 40 27 | 10958'40 | 26Ⅲ26 | 21耳23 | 8耳50 | 17 Ω 4 | 8°R23 | 23°R20 | 24°R21 | 7°R14 | 28°R42 | 15°R 8 | 16 Ω 32 | 16 米 51 | 20⋒ 9 | S 1 |
| M 2 | 18 44 23 | 11°56'10 | 109525 | 21°42 | 10° 1 | 17°41 | 8M23 | 23 × 16 | 24 M 20 | 7) (14 | 28 ~ 41 | 15 Ω 3 | 16°28 | 16°58 | 20°15 | M 2 |
| T 3 | 18 48 20 | 12°53'40 | 24°39 | 22° 6 | 11°13 | 18°19 | 8°22 | 23°12 | 24°19 | 7°13 | 28°39 | 15° 0 | 16°25 | 17° 4 | 20°22 | T 3 |
| W 4 | 18 52 17 | 13°51'09 | 9Ω 4 | 22°33 | 12°24 | 18°56 | 8°D22 | 23° 8 | 24°17 | 7°12 | 28°37 | 14°D59 | 16°22 | 17°11 | 20°28 | W 4 |
| T 5 | 18 56 13 | 14°48'37 | 23°33 | 23° 6 | 13°36 | 19°34 | 8°22 | 23° 4 | 24°16 | 7°11 | 28°36 | 14°59 | 16°19 | 17°18 | 20°34 | T 5 |
| F 6 | 19 0 10 | 15°46'04 | 8Mp 3 | 23°42 | 14°48 | 20°12 | 8°23 | 23° 0 | 24°15 | 7°10 | 28°34 | 15° 0 | 16°16 | 17°24 | 20°40 | F 6 |
| S 7 | 19 4 6 | 16°43'29 | 22°28 | 24°22 | 15°59 | 20°49 | 8°23 | 22°56 | 24°13 | 7° 9 | 28°33 | 15° 2 | 16°12 | 17°31 | 20°47 | S 7 |
| S 8 | 19 8 3 | 17°40'54 | 6 ₽ 45 | 25° 7 | 17°11 | 21°27 | 8°24 | 22°52 | 24°12 | 7° 9 | 28°31 | 15° 3 | 16° 9 | 17°38 | 20°53 | S 8 |
| M 9 | 19 11 59 | 18°38'18 | 20°52 | 25°56 | 18°23 | 22° 4 | 8°24 | 22°48 | 24°11 | 7°8 | 28°30 | 15°R 3 | 16° 6 | 17°44 | 20°59 | M 9 |
| T 10 | 19 15 56 | 19°35'41 | 4 M .47 | 26°48 | 19°35 | 22°42 | 8°25 | 22°45 | 24°10 | 7° 7 | 28°28 | 15° 2 | 16° 3 | 17°51 | 21° 6 | T 10 |
| W11 | 19 19 53 | 20°33'03 | 18°30 | 27°44 | 20°46 | 23°19 | 8°26 | 22°41 | 24° 9 | 7° 6 | 28°27 | 15° 0 | 16° 0 | 17°58 | 21°12 | W11 |
| T 12 | 19 23 49 | 21°30'24 | 2 , ₹ 0 | 28°45 | 21°58 | 23°57 | 8°28 | 22°37 | 24° 8 | 7° 5 | 28°25 | 14°58 | 15°57 | 18° 4 | 21°19 | T 12 |
| F 13 | 19 27 46 | 22°27'44 | 15°16 | 29°48 | 23°10 | 24°35 | 8°29 | 22°34 | 24° 7 | 7° 4 | 28°24 | 14°54 | 15°53 | 18°11 | 21°25 | F 13 |
| S 14 | 19 31 42 | 23°25'04 | 28°18 | 0 9 56 | 24°22 | 25°12 | 8°31 | 22°30 | 24° 6 | 7° 3 | 28°22 | 14°51 | 15°50 | 18°18 | 21°32 | S 14 |
| S 15 | 19 35 39 | 24°22'23 | 11 궁 6 | 2° 7 | 25°34 | 25°50 | 8°33 | 22°27 | 24° 5 | 7° 2 | 28°21 | 14°48 | 15°47 | 18°24 | 21°39 | S 15 |
| M16 | 19 39 35 | 25°19'42 | 23°41 | 3°22 | 26°46 | 26°27 | 8°35 | 22°23 | 24° 4 | 7° 1 | 28°20 | 14°46 | 15°44 | 18°31 | 21°45 | M16 |
| T 17 | 19 43 32 | 26°17'00 | 6≈ 3 | 4°40 | 27°58 | 27° 5 | 8°37 | 22°20 | 24° 4 | 6°59 | 28°18 | 14°45 | 15°41 | 18°38 | 21°52 | T 17 |
| W18 | 19 47 28 | 27°14'18 | 18°13 | 6° 2 | 29°10 | 27°42 | 8°39 | 22°17 | 24° 3 | 6°58 | 28°17 | 14°D45 | 15°38 | 18°44 | 21°59 | W18 |
| T 19 | 19 51 25 | 28°11'35 | 0) (14 | 7°27 | 0ණ22 | 28°20 | 8°42 | 22°13 | 24° 2 | 6°57 | 28°15 | 14°46 | 15°34 | 18°51 | 22° 6 | T 19 |
| F 20 | 19 55 22 | 29° 8'53 | 12° 7 | 8°56 | 1°34 | 28°57 | 8°44 | 22°10 | 24° 2 | 6°56 | 28°14 | 14°47 | 15°31 | 18°58 | 22°12 | F 20 |
| S 21 | 19 59 18 | oΩ 6'10 | 23°57 | 10°28 | 2°46 | 29°35 | 8°47 | 22° 7 | 24° 1 | 6°55 | 28°13 | 14°48 | 15°28 | 19° 4 | 22°19 | S 21 |
| S 22 | 20 3 15 | 1° 3'27 | 5 Ƴ 47 | 12° 3 | 3°58 | 0 m 13 | 8°50 | 22° 4 | 24° 1 | 6°54 | 28°11 | 14°49 | 15°25 | 19°11 | 22°26 | S 22 |
| M23 | 20 7 11 | 2° 0'44 | 17°41 | 13°42 | 5°10 | 0°50 | 8°53 | 22° 1 | 24° 0 | 6°52 | 28°10 | 14°50 | 15°22 | 19°18 | 22°33 | M23 |
| T 24 | 20 11 8 | 2°58'01 | 29°45 | 15°24 | 6°23 | 1°28 | 8°57 | 21°58 | 24° 0 | 6°51 | 28° 9 | 14°R51 | 15°18 | 19°24 | 22°40 | T 24 |
| W25 | 20 15 4 | 3°55'18 | 128 1 | 17° 9 | 7°35 | 2° 5 | 9° 0 | 21°56 | 23°59 | 6°50 | 28° 8 | 14°50 | 15°15 | 19°31 | 22°47 | W25 |
| T 26 | 20 19 1 | 4°52'35 | 24°36 | 18°57 | 8°47 | 2°43 | 9° 4 | 21°53 | 23°59 | 6°48 | 28° 6 | 14°50 | 15°12 | 19°38 | 22°54 | T 26 |
| F 27 | 20 22 57 | 5°49'53 | 7 Ⅲ 31 | 20°48 | 10° 0 | 3°20 | 9° 8 | 21°50 | 23°59 | 6°47 | 28° 5 | 14°49 | 15° 9 | 19°44 | 23° 1 | F 27 |
| S 28 | 20 26 54 | 6°47'10 | 20°51 | 22°42 | 11°12 | 3°58 | 9°12 | 21°48 | 23°58 | 6°46 | 28° 4 | 14°48 | 15° 6 | 19°51 | 23° 8 | S 28 |
| S 29 | 20 30 51 | 7°44'28 | 4936 | 24°39 | 12°24 | 4°36 | 9°16 | 21°45 | 23°58 | 6°44 | 28° 3 | 14°47 | 15° 3 | 19°58 | 23°15 | S 29 |
| M30 | 20 34 47 | 8°41'46 | 18°45 | 26°38 | 13°37 | 5°13 | 9°20 | 21°43 | 23°58 | 6°43 | 28° 2 | 14°47 | 14°59 | 20° 4 | 23°22 | M30 |
| T 31 | 20 38 44 | 9 Ω 39'04 | 3 Ω 15 | 28939 | 149549 | 5 m 51 | 9 M 25 | 21 × 741 | 23°D58 | 6) 42 | 28 × 1 | 14 Ω 46 | 14 Ω 56 | 20 米 11 | 23 N 29 | T 31 |

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| W 1 | 20 42 40 | 10€36'22 | 18 Ω 0 | 0 Ω 42 | 1695 2 | 6Mp28 | 9M29 | 21°R39 | 23 M 58 | 6°R40 | 27°R59 | 14°D46 | 14€53 | 20 米 18 | 23€36 | W 1 |
| T 2 | 20 46 37 | 11°33'40 | 2 m 53 | 2°47 | 17°14 | 7° 6 | 9°34 | 21 × 37 | 23°58 | 6) €39 | 27 ×7 58 | 14 Ω 46 | 14°50 | 20°24 | 23°43 | T 2 |
| F 3 | 20 50 33 | 12°30'58 | 17°47 | 4°54 | 18°27 | 7°44 | 9°39 | 21°34 | 23°58 | 6°37 | 27°57 | 14°46 | 14°47 | 20°31 | 23°50 | F 3 |
| S 4 | 20 54 30 | 13°28'16 | 2 ≏ 34 | 7° 1 | 19°39 | 8°21 | 9°44 | 21°33 | 23°59 | 6°36 | 27°56 | 14°47 | 14°44 | 20°38 | 23°58 | S 4 |
| S 5 | 20 58 26 | 14°25'34 | 17° 8 | 9°10 | 20°52 | 8°59 | 9°49 | 21°31 | 23°59 | 6°34 | 27°55 | 14°R47 | 14°40 | 20°44 | 24° 5 | S 5 |
| M 6 | 21 2 23 | 15°22'52 | 1 M 24 | 11°19 | 22° 5 | 9°37 | 9°55 | 21°29 | 23°59 | 6°33 | 27°54 | 14°47 | 14°37 | 20°51 | 24°12 | M 6 |
| T 7 | 21 6 20 | 16°20'09 | 15°21 | 13°28 | 23°17 | 10°14 | 10° 0 | 21°27 | 23°59 | 6°31 | 27°53 | 14°D47 | 14°34 | 20°58 | 24°19 | T 7 |
| W 8 | 21 10 16 | 17°17'27 | 28°58 | 15°37 | 24°30 | 10°52 | 10° 6 | 21°26 | 24° 0 | 6°30 | 27°52 | 14°47 | 14°31 | 21° 4 | 24°26 | W 8 |
| T 9 | 21 14 13 | 18°14'45 | 12 × 15 | 17°46 | 25°43 | 11°30 | 10°12 | 21°24 | 24° 0 | 6°28 | 27°52 | 14°47 | 14°28 | 21°11 | 24°34 | T 9 |
| F 10 | 21 18 9 | 19°12'02 | 25°14 | 19°54 | 26°55 | 12° 7 | 10°18 | 21°23 | 24° 1 | 6°27 | 27°51 | 14°47 | 14°24 | 21°18 | 24°41 | F 10 |
| S 11 | 21 22 6 | 20° 9'20 | 7 궁 57 | 22° 1 | 28° 8 | 12°45 | 10°24 | 21°22 | 24° 1 | 6°25 | 27°50 | 14°48 | 14°21 | 21°24 | 24°48 | S 11 |
| S 12 | 21 26 2 | 21° 6'38 | 20°26 | 24° 8 | 29°21 | 13°23 | 10°30 | 21°20 | 24° 2 | 6°24 | 27°49 | 14°48 | 14°18 | 21°31 | 24°55 | S 12 |
| M13 | 21 29 59 | 22° 3'57 | 2≈44 | 26°13 | 0 Ω 34 | 14° 0 | 10°36 | 21°19 | 24° 2 | 6°22 | 27°48 | 14°49 | 14°15 | 21°38 | 25° 2 | M13 |
| T 14 | 21 33 55 | 23° 1'15 | 14°51 | 28°17 | 1°47 | 14°38 | 10°43 | 21°18 | 24° 3 | 6°21 | 27°48 | 14°R49 | 14°12 | 21°44 | 25°10 | T 14 |
| W15 | 21 37 52 | 23°58'34 | 26°52 | 0 Mp 20 | 3° 0 | 15°16 | 10°50 | 21°17 | 24° 4 | 6°19 | 27°47 | 14°49 | 14° 9 | 21°51 | 25°17 | W15 |
| T 16 | 21 41 49 | 24°55'54 | 8) 46 | 2°22 | 4°13 | 15°53 | 10°56 | 21°17 | 24° 5 | 6°17 | 27°46 | 14°48 | 14° 5 | 21°58 | 25°24 | T 16 |
| F 17 | 21 45 45 | 25°53'14 | 20°37 | 4°21 | 5°26 | 16°31 | 11° 3 | 21°16 | 24° 5 | 6°16 | 27°45 | 14°47 | 14° 2 | 22° 4 | 25°32 | F 17 |
| S 18 | 21 49 42 | 26°50'34 | 2 Υ 26 | 6°19 | 6°39 | 17° 9 | 11°10 | 21°15 | 24° 6 | 6°14 | 27°45 | 14°45 | 13°59 | 22°11 | 25°39 | S 18 |
| S 19 | 21 53 38 | 27°47'56 | 14°17 | 8°16 | 7°52 | 17°46 | 11°18 | 21°15 | 24° 7 | 6°13 | 27°44 | 14°43 | 13°56 | 22°18 | 25°46 | S 19 |
| M20 | 21 57 35 | 28°45'18 | 26°12 | 10°11 | 9° 5 | 18°24 | 11°25 | 21°14 | 24° 8 | 6°11 | 27°44 | 14°42 | 13°53 | 22°25 | 25°53 | M20 |
| T 21 | 22 1 31 | 29°42'41 | 8 8 16 | 12° 4 | 10°18 | 19° 2 | 11°32 | 21°14 | 24° 9 | 6° 9 | 27°43 | 14°40 | 13°50 | 22°31 | 26° 1 | T 21 |
| W22 | 22 5 28 | 0 m 40'05 | 20°31 | 13°56 | 11°31 | 19°40 | 11°40 | 21°14 | 24°10 | 6° 8 | 27°43 | 14°39 | 13°46 | 22°38 | 26° 8 | W22 |
| T 23 | 22 9 24 | 1°37'30 | 3 II 3 | 15°46 | 12°44 | 20°17 | 11°48 | 21°14 | 24°12 | 6° 6 | 27°42 | 14°D39 | 13°43 | 22°45 | 26°15 | T 23 |
| F 24 | 22 13 21 | 2°34'56 | 15°54 | 17°34 | 13°58 | 20°55 | 11°55 | 21°D14 | 24°13 | 6° 5 | 27°42 | 14°39 | 13°40 | 22°51 | 26°22 | F 24 |
| S 25 | 22 17 18 | 3°32'24 | 29° 9 | 19°20 | 15°11 | 21°33 | 12° 3 | 21°14 | 24°14 | 6° 3 | 27°41 | 14°40 | 13°37 | 22°58 | 26°30 | S 25 |
| S 26 | 22 21 14 | 4°29'52 | 12950 | 21° 5 | 16°24 | 22°11 | 12°11 | 21°14 | 24°15 | 6° 1 | 27°41 | 14°42 | 13°34 | 23° 5 | 26°37 | S 26 |
| M27 | 22 25 11 | 5°27'21 | 26°57 | 22°49 | 17°38 | 22°49 | 12°20 | 21°14 | 24°17 | 6° 0 | 27°40 | 14°43 | 13°30 | 23°11 | 26°44 | M27 |
| T 28 | 22 29 7 | 6°24'52 | 11 N 29 | 24°30 | 18°51 | 23°26 | 12°28 | 21°14 | 24°18 | 5°58 | 27°40 | 14°R43 | 13°27 | 23°18 | 26°51 | T 28 |
| W29 | 22 33 4 | 7°22'23 | 26°23 | 26°11 | 20° 4 | 24° 4 | 12°36 | 21°15 | 24°20 | 5°56 | 27°40 | 14°43 | 13°24 | 23°25 | 26°59 | W29 |
| T 30 | 22 37 0 | 8°19'55 | 11 m 29 | 27°49 | 21°18 | 24°42 | 12°45 | 21°15 | 24°21 | 5°55 | 27°40 | 14°42 | 13°21 | 23°31 | 27° 6 | T 30 |
| F 31 | 22 40 57 | 9 m 17'28 | 26 M 41 | 29 m 26 | 22 Ω 31 | 25 Mp 20 | 12 M 53 | 21 × 16 | 24M23 | 5 ¥ 53 | 27 ∡ 739 | 14 Ω 39 | 13 Ω 18 | 23 米 38 | 27 Ω 13 | F 31 |

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| S 1 | 22 44 53 | 10 m 15'02 | 11 ≏ 47 | 1요 1 | 23 N 45 | 25 m 58 | 13 M 2 | 21 × 17 | 24 M 24 | 5°R52 | 27°R39 | 14°R36 | 13 Ω 15 | 23) 45 | 27 \O 20 | S 1 |
| S 2 | 22 48 50 | 11°12'37 | 26°39 | 2°35 | 24°58 | 26°36 | 13°11 | 21°18 | 24°26 | 5 ¥ 50 | 27 × 39 | 14 Ω 32 | 13°11 | 23°51 | 27°27 | S 2 |
| M 3 | 22 52 46 | 12°10'12 | 11 M 9 | 4° 7 | 26°12 | 27°14 | 13°20 | 21°19 | 24°28 | 5°48 | 27°39 | 14°29 | 13° 8 | 23°58 | 27°35 | M 3 |
| T 4 W 5 | 22 56 43 | 13° 7'49 | 25°15 | 5°37 7° 6 | 27°25 | 27°52 | 13°29 | 21°20 | 24°29 | 5°47 | 27°39 | 14°27 | 13° 5 | 24° 5 | 27°42 27°49 | T 4 W 5 |
| W 5 T 6 | 23 0 40 23 4 36 | 14° 5'26 15° 3'04 | 8 ∡ 754 22° 8 | 8°33 | 28°39 29°53 | 28°29 29° 7 | 13°38 13°48 | 21°21 21°22 | 24°31 24°33 | 5°45 5°43 | 27°39 27°39 | 14°D26 14°26 | 13° 2 12°59 | 24°11 24°18 | 27°49 27°56 | W 5 T 6 |
| F 7 | 23 8 33 | 16° 0'43 | 4 건 59 | 9°59 | 1 Mp 6 | 29°45 | 13°57 | 21°23 | 24°35 | 5°42 | 27°D39 | 14°27 | 12°55 | 24°25 | 28° 3 | F 7 |
| S 8 | 23 12 29 | 16°58'23 | 17°31 | 11°23 | 2°20 | 0 ₽ 23 | 14° 6 | 21°25 | 24°37 | 5°40 | 27°39 | 14°29 | 12°52 | 24°31 | 28°10 | S 8 |
| S 9 | 23 16 26 | 17°56'03 | 29°48 | 12°45 | 3°34 | 1° 1 | 14°16 | 21°26 | 24°39 | 5°39 | 27°39 | 14°30 | 12°49 | 24°38 | 28°17 | S 9 |
| M10 | 23 20 22 | 18°53'45 | 11≈54 | 14° 5 | 4°48 | 1°39 | 14°26 | 21°28 | 24°41 | 5°37 | 27°39 | 14°R31 | 12°46 | 24°45 | 28°24 | M10 |
| T 11 | 23 24 19 | 19°51'28 | 23°51 | 15°24 | 6° 1 | 2°17 | 14°35 | 21°30 | 24°43 | 5°35 | 27°39 | 14°30 | 12°43 | 24°51 | 28°31 | T 11 |
| W12 | 23 28 15 | 20°49'11 | 5) €44 | 16°41 | 7°15 | 2°55 | 14°45 | 21°31 | 24°45 | 5°34 | 27°39 | 14°28 | 12°40 | 24°58 | 28°38 | W12 |
| T 13 F 14 | 23 32 12 23 36 9 | 21°46'56 22°44'43 | 17°34 29°24 | 17°56 19°9 | 8°29 9°43 | 3°33 | 14°55 15° 5 | 21°33 21°35 | 24°47 24°49 | 5°32 5°31 | 27°39 27°40 | 14°25 14°19 | 12°36 | 25° 5 25°11 | 28°45 28°52 | T 13 F 14 |
| S 15 | 23 40 5 | 23°42'30 | $\frac{29^{\circ}24}{11\mathbf{\Upsilon}15}$ | 20°20 | 10°57 | 4°11 4°49 | 15° 15 | 21°33 | 24°49 24°51 | 5°29 | 27°40 27°40 | 14°19 | 12°33 12°30 | 25°18 | 28°52 28°59 | S 15 |
| | | | | | | | | | | | | | | | | |
| S 16 M17 | 23 44 2 23 47 58 | 24°40'19 25°38'09 | 23°10 5 8 10 | 21°29 22°36 | 12°11 13°25 | 5°27 6° 5 | 15°25 15°36 | 21°39 21°42 | 24°54 24°56 | 5°28 5°26 | 27°40 27°40 | 14° 5 13°58 | 12°27 12°24 | 25°25 25°31 | 29° 6 29°13 | S 16 M17 |
| T 18 | 23 47 38 | 25°36'02 | 17°18 | 22°30 23°41 | 13 23 14°39 | 6°44 | 15°46 | 21°44 | 24°58 | 5°25 | 27°41 | 13°51 | 12°21 | 25°38 | 29°13 | T 18 |
| W19 | 23 55 51 | 20°33'55 | 29°36 | 24°43 | 15°53 | 7°22 | 15°57 | 21°47 | 25° 1 | 5°23 | 27°41 | 13°46 | 12°17 | 25°45 | 29°26 | W19 |
| T 20 | 23 59 48 | 28°31'51 | 12 I 7 | 25°43 | 17° 7 | 8° 0 | 16° 7 | 21°49 | 25° 3 | 5°22 | 27°42 | 13°43 | 12°14 | 25°52 | 29°33 | T 20 |
| F 21 | 0 3 44 | 29°29'48 | 24°55 | 26°40 | 18°21 | 8°38 | 16°18 | 21°52 | 25° 6 | 5°20 | 27°42 | 13°D41 | 12°11 | 25°58 | 29°40 | F 21 |
| S 22 | 0 741 | 0 ≏ 27'47 | 895 4 | 27°34 | 19°35 | 9°16 | 16°28 | 21°54 | 25° 8 | 5°19 | 27°43 | 13°41 | 12° 8 | 26° 5 | 29°46 | S 22 |
| S 23 | 0 11 38 | 1°25'48 | 21°36 | 28°25 | 20°49 | 9°54 | 16°39 | 21°57 | 25°11 | 5°17 | 27°43 | 13°42 | 12° 5 | 26°12 | 29°53 | S 23 |
| M24 | 0 15 34 | 2°23'50 | 5 Ω 33 | 29°13 | 22° 3 | 10°32 | 16°50 | 22° 0 | 25°13 | 5°16 | 27°44 | 13°43 | 12° 1 | 26°18 | 29°59 | M24 |
| T 25 | 0 19 31 | 3°21'54 | 19°56 | 29°58 | 23°17 | 11°11 | 17° 1 | 22° 3 | 25°16 | 5°15 | 27°44 | 13°R43 | 11°58 | 26°25 | 0 m y 6 | T 25 |
| W26 | 0 23 27 | 4°20'00 | 4 Mp 43 | 0M39 | 24°32 | 11°49 | 17°12 | 22° 6 | 25°19 | 5°13 | 27°45 | 13°42 | 11°55 | 26°32 | 0°13 | W26 |
| T 27 F 28 | 0 27 24 0 31 20 | 5°18'08 6°16'18 | 19°48 5 Ω 2 | 1°17 1°50 | 25°46 27° 0 | 12°27 13° 5 | 17°23 17°34 | 22° 9 22°13 | 25°21 25°24 | 5°12 5°11 | 27°46 27°46 | 13°38 13°32 | 11°52 11°49 | 26°38 26°45 | 0°19 0°26 | T 27 F 28 |
| S 29 | 0 31 20 0 35 17 | 7°14'29 | 20°16 | 2°19 | 28°15 | 13° 5 13°44 | 17°34 17°46 | 22°13 22°16 | 25°24 25°27 | 5° 11 | 27°46 27°47 | 13°32 13°24 | 11°49 11°46 | 26°45 26°52 | 0°26 0°32 | F 28 S 29 |
| S 30 | 0 39 13 | 7 14 29 8 Ω 12'41 | 5 M .19 | 2 19 2 ML 43 | 28 13 29 m 29 | 14 <u>0</u> 22 | 17 40 17 ML 57 | 22 10 22 × 19 | 25 % 27 25 % 25 % 25 % 25 % 25 % 25 % 27 % 25 % 25 | 5 ₩ 8 | 27 4 7 27 4 8 | $13 \Omega_{16}$ | $11\Omega_{42}$ | 26 X 58 | 0 m 39 | S 30 |
| 5 50 | 0 39 13 | 0-1241 | 211613 | 411 64 3 | 47 IJ 47 | 17-22 | 1/1163/ | 22 x 13 | 2311630 | 3/(0 | 217 40 | 130610 | 110642 | 20/(30 | 0 ii y 3 9 | 5 50 |

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| M 1 | 0 43 10 | 9 ≙ 10'55 | 20 M 1 | 3M 3 | 0 ჲ 43 | 15 ♀ 0 | 18 M 8 | 22 × 23 | 25 M 33 | 5°R 7 | 27 .7 49 | 13°R 8 | 11 \O 39 | 27 米 5 | 0 m /45 | M 1 |
| T 2 | 0 47 6 | 10° 9'11 | 4 ₹ 17 | 3°17 | 1°58 | 15°39 | 18°20 | 22°26 | 25°36 | 5 ¥ 5 | 27°49 | 130 1 | 11°36 | 27°12 | 0°51 | T 2 |
| W 3 | 0 51 3 | 11° 7'28 | 18° 3 | 3°25 | 3°12 | 16°17 | 18°31 | 22°30 | 25°38 | 5° 4 | 27°50 | 12°57 | 11°33 | 27°18 | 0°58 | W 3 |
| T 4 F 5 | 0 55 0 | 12° 5'47 13° 4'07 | 1 る 20 14°11 | 3°R28 3°24 | 4°26 5°41 | 16°56 17°34 | 18°43 18°54 | 22°34 | 25°41 25°44 | 5° 3 5° 2 | 27°51 27°52 | 12°54 | 11°30 11°27 | 27°25 27°32 | 1° 4 1°10 | T 4 F 5 |
| F 5 S 6 | 0 58 56 1 2 53 | 13° 4'07 14° 2'28 | 26°40 | 3°24 3°14 | 6°55 | 1/°34 18°12 | 18°54 19° 6 | 22°38 22°42 | 25°44 25°47 | 5° 2 5° 0 | 27°52 27°53 | 12°D54 12°54 | 11°27 11°23 | 27°32 27°38 | 1°10 | F 5 S 6 |
| | | - | | _ | | - | | | | | | | | | | |
| S 7 | 1 6 49 | 15° 0'51 | 8 ≈ 53 | 2°57 | 8°10 | 18°51 | 19°18 | 22°46 | 25°50 | 4°59 | 27°54 | 12°R55 | 11°20 | 27°45 | 1°22 | S 7 |
| M 8 T 9 | 1 10 46 1 14 42 | 15°59'16 16°57'42 | 20°53 2 ¥ 45 | 2°34 2° 3 | 9°24 10°39 | 19°29 20° 8 | 19°29 19°41 | 22°50 22°54 | 25°54 25°57 | 4°58 4°57 | 27°55 27°56 | 12°55 12°53 | 11°17 11°14 | 27°52 27°58 | 1°28 1°34 | M 8 T 9 |
| W10 | 1 14 42 | 16°57'42 17°56'09 | 2π43 14°34 | 1°26 | 10°39 11°53 | 20° 8 20°46 | 19°41 19°53 | 22°58 | 25°57 26° 0 | 4°56 | 27°57 | 12°53 | 11°14 11°11 | 27°58 28° 5 | 1°40 | W10 |
| T 11 | 1 22 35 | 18°54'38 | 26°23 | 0°42 | 13° 8 | 20°40 21°25 | 20° 5 | 23° 2 | 26° 3 | 4°55 | 27°58 | 12°41 | 11° 7 | 28°12 | 1°46 | T 11 |
| F 12 | 1 26 32 | 19°53'09 | 8 Υ 15 | 29 <u>Ω</u> 52 | 14°22 | 22° 3 | 20°17 | 23° 7 | 26° 6 | 4°54 | 27°59 | 12°31 | 11° 4 | 28°19 | 1°52 | F 12 |
| S 13 | 1 30 29 | 20°51'42 | 20°12 | 28°57 | 15°37 | 22°42 | 20°29 | 23°11 | 26° 9 | 4°53 | 28° 0 | 12°20 | 11° 1 | 28°25 | 1°57 | S 13 |
| S 14 | 1 34 25 | 21°50'16 | 2814 | 27°58 | 16°51 | 23°20 | 20°41 | 23°16 | 26°13 | 4°52 | 28° 2 | 12° 7 | 10°58 | 28°32 | 2° 3 | S 14 |
| M15 | 1 38 22 | 22°48'52 | 14°23 | 26°55 | 18° 6 | 23°59 | 20°53 | 23°20 | 26°16 | 4°51 | 28° 3 | 11°54 | 10°55 | 28°39 | 2° 9 | M15 |
| T 16 | 1 42 18 | 23°47'31 | 26°41 | 25°49 | 19°21 | 24°38 | 21° 6 | 23°25 | 26°19 | 4°50 | 28° 4 | 11°43 | 10°52 | 28°45 | 2°14 | T 16 |
| W17 | 1 46 15 | 24°46'11 | 9耳 8 | 24°44 | 20°35 | 25°16 | 21°18 | 23°30 | 26°23 | 4°49 | 28° 5 | 11°33 | 10°48 | 28°52 | 2°20 | W17 |
| T 18 | 1 50 11 | 25°44'54 | 21°46 | 23°39 | 21°50 | 25°55 | 21°30 | 23°35 | 26°26 | 4°48 | 28° 7 | 11°26 | 10°45 | 28°59 | 2°25 | T 18 |
| F 19 | 1 54 8 | 26°43'39 | 4938 | 22°38 | 23° 5 | 26°34 | 21°43 | 23°39 | 26°29 | 4°47 | 28° 8 | 11°22 | 10°42 | 29° 5 | 2°30 | F 19 |
| S 20 | 1 58 4 | 27°42'26 | 17°45 | 21°40 | 24°19 | 27°12 | 21°55 | 23°44 | 26°33 | 4°46 | 28° 9 | 11°20 | 10°39 | 29°12 | 2°36 | S 20 |
| S 21 | 2 2 1 | 28°41'15 | 1 Q 11 | 20°49 | 25°34 | 27°51 | 22° 7 | 23°49 | 26°36 | 4°46 | 28°11 | 11°D20 | 10°36 | 29°19 | 2°41 | S 21 |
| M22 | 2 5 58 | 29°40'06 | 14°58 | 20° 5 | 26°49 | 28°30 | 22°20 | 23°54 | 26°40 | 4°45 | 28°12 | 11°R20 | 10°32 | 29°25 | 2°46 | M22 |
| T 23 | 2 9 54 | 0M38'59 | 29° 8 | 19°29 | 28° 4 | 29° 9 | 22°32 | 24° 0 | 26°43 | 4°44 | 28°14 | 11°19 | 10°29 | 29°32 | 2°51 | T 23 |
| W24 | 2 13 51 | 1°37'55 | 13 1 1 3 8 | 19° 3 | 29°18 | 29°48 | 22°45 | 24° 5 | 26°47 | 4°43 | 28°15 | 11°16 | 10°26 | 29°39 | 2°56 3° 1 | W24 T 25 |
| T 25 F 26 | 2 17 47 2 21 44 | 2°36'53 3°35'53 | 28°28 13 ≙ 29 | 18°47 18°D41 | 0 M₊ 33 1°48 | 0 M ₊26 1° 5 | 22°57 23°10 | 24°10 24°15 | 26°50 26°54 | 4°43 4°42 | 28°17 28°18 | 11°11 11° 2 | 10°23 10°20 | 29°45 29°52 | 3° 1 | F 26 |
| S 27 | 2 25 40 | 4°34'55 | 28°34 | 18°46 | 3° 3 | 1°44 | 23°23 | 24°21 | 26°57 | 4°41 | 28°20 | 10°52 | 10°20 | 29°59 | 3°11 | S 27 |
| | | | | | | | | | | | | | | 0Υ 6 | | |
| S 28 M29 | 2 29 37 2 33 33 | 5°33'59 6°33'05 | 13 M .33 28°15 | 19° 1 19°26 | 4°18 5°32 | 2°23 3° 2 | 23°35 23°48 | 24°26 24°32 | 27° 1 27° 4 | 4°41 4°40 | 28°21 28°23 | 10°40 10°29 | 10°13 10°10 | 0°12 | 3°16 3°21 | S 28 M29 |
| T 30 | 2 33 33 2 37 30 | 7°32'13 | 12×734 | 20° 1 | 5 32 6°47 | 3°41 | 23 48 24° 1 | 24°37 | 27° 8 | 4°40 4°40 | 28°25 | 10°29 | 10° 7 | 0°12 | 3°25 | T 30 |
| W31 | 2 41 26 | 8ML31'22 | 26×25 | 20 ≏ 45 | 8M 2 | 4M20 | 24M14 | 24 × 743 | 27 M 11 | 4 ∺ 39 | 28×726 | 10019 | 100 4 | 0 Υ 26 | 3 Mp 30 | W31 |

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| T 1 | 2 45 23 | 9 M 30'34 | 9 ප 47 | 21 ≙ 37 | 9 ™ 17 | 4 M 59 | 24M26 | 24 × 749 | 27 M 15 | 4°R39 | 28 × 28 | 10°R 7 | 10 Ω 1 | 0 Υ 32 | 3 m 34 | T 1 |
| F 2 | 2 49 20 | 10°29'47 | 22°42 | 22°36 | 10°32 | 5°38 | 24°39 | 24°54 | 27°19 | 4) (38 | 28°30 | 10 0 5 | 9°58 | 0°39 | 3°38 | F 2 |
| S 3 | 2 53 16 | 11°29'02 | 5≈13 | 23°42 | 11°47 | 6°17 | 24°52 | 25° 0 | 27°22 | 4°38 | 28°31 | 10° 4 | 9°54 | 0°46 | 3°43 | S 3 |
| S 4 | 2 57 13 | 12°28'18 | 17°26 | 24°55 | 13° 2 | 6°56 | 25° 5 | 25° 6 | 27°26 | 4°38 | 28°33 | 10° 4 | 9°51 | 0°52 | 3°47 | S 4 |
| M 5 | 3 1 9 | 13°27'36 | 29°25 | 26°12 | 14°17 | 7°35 | 25°18 | 25°12 | 27°30 | 4°37 | 28°35 | 10° 4 | 9°48 | 0°59 | 3°51 | M 5 |
| T 6 | 3 5 6 | 14°26'56 | 11 米 17 | 27°34 | 15°32 | 8°14 | 25°31 | 25°18 | 27°33 | 4°37 | 28°37 | 10° 1 | 9°45 | 1° 6 | 3°55 | T 6 |
| W 7 | 3 9 2 | 15°26'17 | 23° 6 | 29° 0 | 16°46 | 8°54 | 25°44 | 25°24 | 27°37 | 4°37 | 28°38 | 9°57 | 9°42 | 1°12 | 3°59 | W 7 |
| T 8 | 3 12 59 | 16°25'41 | 4 Ƴ 57 | 0 M .30 | 18° 1 | 9°33 | 25°57 | 25°30 | 27°41 | 4°36 | 28°40 | 9°49 | 9°38 | 1°19 | 4° 3 | T 8 |
| F 9 | 3 16 55 | 17°25'06 | 16°52 | 2° 2 | 19°16 | 10°12 | 26°10 | 25°36 | 27°45 | 4°36 | 28°42 | 9°39 | 9°35 | 1°26 | 4° 7 | F 9 |
| S 10 | 3 20 52 | 18°24'32 | 28°55 | 3°36 | 20°31 | 10°51 | 26°23 | 25°42 | 27°48 | 4°36 | 28°44 | 9°26 | 9°32 | 1°33 | 4°11 | S 10 |
| S 11 | 3 24 49 | 19°24'01 | 118 8 | 5°12 | 21°46 | 11°30 | 26°36 | 25°48 | 27°52 | 4°36 | 28°46 | 9°12 | 9°29 | 1°39 | 4°14 | S 11 |
| M12 | 3 28 45 | 20°23'32 | 23°30 | 6°50 | 23° 1 | 12°10 | 26°49 | 25°55 | 27°56 | 4°36 | 28°48 | 8°59 | 9°26 | 1°46 | 4°18 | M12 |
| T 13 | 3 32 42 | 21°23'04 | 6 II 3 | 8°28 | 24°16 | 12°49 | 27° 2 | 26° 1 | 27°59 | 4°36 | 28°50 | 8°46 | 9°23 | 1°53 | 4°21 | T 13 |
| W14 | 3 36 38 | 22°22'39 | 18°47 | 10° 8 | 25°31 | 13°28 | 27°15 | 26° 7 | 28° 3 | 4°36 | 28°52 | 8°36 | 9°19 | 1°59 | 4°25 | W14 |
| T 15 | 3 40 35 | 23°22'16 | 19541 | 11°48 | 26°46 | 14° 8 | 27°28 | 26°14 | 28° 7 | 4°D36 | 28°54 | 8°28 | 9°16 | 2° 6 | 4°28 | T 15 |
| F 16 | 3 44 31 | 24°21'55 | 14°46 | 13°28 | 28° 1 | 14°47 | 27°41 | 26°20 | 28°11 | 4°36 | 28°56 | 8°23 | 9°13 | 2°13 | 4°31 | F 16 |
| S 17 | 3 48 28 | 25°21'36 | 28° 3 | 15° 9 | 29°16 | 15°27 | 27°54 | 26°26 | 28°15 | 4°36 | 28°58 | 8°21 | 9°10 | 2°19 | 4°34 | S 17 |
| S 18 | 3 52 24 | 26°21'19 | 11 Ω 33 | 16°50 | 0 ₮ 31 | 16° 6 | 28° 7 | 26°33 | 28°18 | 4°36 | 29° 0 | 8°D21 | 9° 7 | 2°26 | 4°37 | S 18 |
| M19 | 3 56 21 | 27°21'04 | 25°17 | 18°31 | 1°46 | 16°46 | 28°20 | 26°39 | 28°22 | 4°36 | 29° 2 | 8°R21 | 9° 4 | 2°33 | 4°40 | M19 |
| T 20 | 4 0 18 | 28°20'52 | 9 m)17 | 20°11 | 3° 1 | 17°25 | 28°33 | 26°46 | 28°26 | 4°36 | 29° 4 | 8°21 | 9° 0 | 2°39 | 4°43 | T 20 |
| W21 | 4 4 14 | 29°20'41 | 23°32 | 21°52 | 4°16 | 18° 5 | 28°46 | 26°53 | 28°30 | 4°36 | 29° 6 | 8°19 | 8°57 | 2°46 | 4°46 | W21 |
| T 22 | 4 8 11 | 0 ≯ 20'33 | 8 亚 0 | 23°32 | 5°31 | 18°44 | 28°59 | 26°59 | 28°33 | 4°36 | 29° 8 | 8°14 | 8°54 | 2°53 | 4°48 | T 22 |
| F 23 | 4 12 7 | 1°20'27 | 22°39 | 25°12 | 6°46 | 19°24 | 29°12 | 27° 6 | 28°37 | 4°37 | 29°10 | 8° 7 | 8°51 | 3° 0 | 4°51 | F 23 |
| S 24 | 4 16 4 | 2°20'23 | 7 M 20 | 26°52 | 8° 1 | 20° 3 | 29°25 | 27°13 | 28°41 | 4°37 | 29°12 | 7°57 | 8°48 | 3° 6 | 4°53 | S 24 |
| S 25 | 4 20 0 | 3°20'21 | 21°59 | 28°31 | 9°17 | 20°43 | 29°38 | 27°19 | 28°45 | 4°37 | 29°14 | 7°47 | 8°44 | 3°13 | 4°56 | S 25 |
| M26 | 4 23 57 | 4°20'21 | 6 ₹ 26 | 0 ₮ 10 | 10°32 | 21°23 | 29°51 | 27°26 | 28°48 | 4°38 | 29°17 | 7°37 | 8°41 | 3°20 | 4°58 | M26 |
| T 27 | 4 27 53 | 5°20'23 | 20°35 | 1°48 | 11°47 | 22° 3 | 0 , ₹ 4 | 27°33 | 28°52 | 4°38 | 29°19 | 7°28 | 8°38 | 3°26 | 5° 0 | T 27 |
| W28 | 4 31 50 | 6°20'26 | 4 궁 21 | 3°27 | 13° 2 | 22°42 | 0°18 | 27°40 | 28°56 | 4°38 | 29°21 | 7°21 | 8°35 | 3°33 | 5° 2 | W28 |
| T 29 | 4 35 47 | 7°20'31 | 17°42 | 5° 4 | 14°17 | 23°22 | 0°31 | 27°47 | 29° 0 | 4°39 | 29°23 | 7°17 | 8°32 | 3°40 | 5° 4 | T 29 |
| F 30 | 4 39 43 | 8 ₹ 20'38 | 0≈38 | 6 才 42 | 15 ₹ 32 | 24M 2 | 0 , 744 | 27 ∡ 753 | 29M 3 | 4) (39 | 29 × 25 | 7 Ω 15 | 8 Ω 29 | 3 Υ 46 | 5Mm, 6 | F 30 |

Delta T = 02h00m46s

DECEMBER 3488 00:00 UT

| Day | Sid.t | \odot | 2) | Q | Ŷ | o' | 4 | ħ | ∦(| 4 | P | ر.۶ | 83 | \$ | δ | Day |
|------|---------|-------------------|----------------|----------------|-----------------|-----------------|----------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|------|
| S 1 | 4 43 40 | 9 х 20'46 | 13≈12 | 8 ~ 19 | 16 ×7 47 | 24 M 42 | 0 ,₹ 57 | 28 ×7 0 | 29 M 7 | 4) €40 | 29 × 28 | 7°D15 | 8 Ω 25 | 3 ℃ 53 | 5 Mp 8 | S 1 |
| S 2 | 4 47 36 | 10°20'56 | 25°27 | 9°55 | 18° 2 | 25°22 | 1°10 | 28° 7 | 29°11 | 4°40 | 29°30 | 7 Ω 15 | 8°22 | 4° 0 | 5° 9 | S 2 |
| M 3 | 4 51 33 | 11°21'07 | 7 ∺ 29 | 11°32 | 19°17 | 26° 1 | 1°23 | 28°14 | 29°15 | 4°41 | 29°32 | 7°R16 | 8°19 | 4° 7 | 5°11 | M 3 |
| T 4 | 4 55 29 | 12°21'19 | 19°23 | 13° 8 | 20°32 | 26°41 | 1°36 | 28°21 | 29°18 | 4°42 | 29°34 | 7°16 | 8°16 | 4°13 | 5°12 | T 4 |
| W 5 | 4 59 26 | 13°21'33 | 1 Y 13 | 14°43 | 21°48 | 27°21 | 1°49 | 28°28 | 29°22 | 4°42 | 29°37 | 7°14 | 8°13 | 4°20 | 5°14 | W 5 |
| T 6 | 5 3 22 | 14°21'48 | 13° 5 | 16°18 | 23° 3 | 28° 1 | 2° 2 | 28°35 | 29°26 | 4°43 | 29°39 | 7°10 | 8°10 | 4°27 | 5°15 | T 6 |
| F 7 | 5 7 19 | 15°22'05 | 25° 4 | 17°53 | 24°18 | 28°41 | 2°14 | 28°42 | 29°29 | 4°44 | 29°41 | 7° 3 | 8° 6 | 4°33 | 5°16 | F 7 |
| S 8 | 5 11 16 | 16°22'23 | 7 8 12 | 19°28 | 25°33 | 29°21 | 2°27 | 28°49 | 29°33 | 4°44 | 29°43 | 6°55 | 8° 3 | 4°40 | 5°17 | S 8 |
| S 9 | 5 15 12 | 17°22'42 | 19°33 | 21° 3 | 26°48 | 0 才 1 | 2°40 | 28°56 | 29°37 | 4°45 | 29°46 | 6°46 | 8° 0 | 4°47 | 5°18 | S 9 |
| M10 | 5 19 9 | 18°23'03 | 2 I 8 | 22°37 | 28° 3 | 0°42 | 2°53 | 29° 3 | 29°40 | 4°46 | 29°48 | 6°37 | 7°57 | 4°53 | 5°19 | M10 |
| T 11 | 5 23 5 | 19°23'26 | 14°58 | 24°11 | 29°18 | 1°22 | 3° 6 | 29°10 | 29°44 | 4°47 | 29°50 | 6°28 | 7°54 | 5° 0 | 5°19 | T 11 |
| W12 | 5 27 2 | 20°23'50 | 28° 1 | 25°44 | 0 云 33 | 2° 2 | 3°19 | 29°17 | 29°48 | 4°48 | 29°53 | 6°21 | 7°50 | 5° 7 | 5°20 | W12 |
| T 13 | 5 30 58 | 21°24'15 | 119518 | 27°18 | 1°49 | 2°42 | 3°32 | 29°25 | 29°51 | 4°49 | 29°55 | 6°16 | 7°47 | 5°14 | 5°21 | T 13 |
| F 14 | 5 34 55 | 22°24'42 | 24°46 | 28°51 | 3° 4 | 3°22 | 3°44 | 29°32 | 29°55 | 4°50 | 29°57 | 6°14 | 7°44 | 5°20 | 5°21 | F 14 |
| S 15 | 5 38 52 | 23°25'11 | 8 Ω 25 | 0 궁 24 | 4°19 | 4° 2 | 3°57 | 29°39 | 29°58 | 4°51 | 29°59 | 6°D13 | 7°41 | 5°27 | 5°21 | S 15 |
| S 16 | 5 42 48 | 24°25'41 | 22°12 | 1°57 | 5°34 | 4°43 | 4°10 | 29°46 | 0 ∡ 2 | 4°52 | 0중 2 | 6°14 | 7°38 | 5°34 | 5°21 | S 16 |
| M17 | 5 46 45 | 25°26'13 | 6Mp 7 | 3°30 | 6°49 | 5°23 | 4°22 | 29°53 | 0° 5 | 4°53 | 0° 4 | 6°15 | 7°35 | 5°40 | 5°R21 | M17 |
| T 18 | 5 50 41 | 26°26'47 | 20° 9 | 5° 3 | 8° 4 | 6° 3 | 4°35 | 0중 0 | 0° 9 | 4°54 | 0° 7 | 6°R16 | 7°31 | 5°47 | 5°21 | T 18 |
| W19 | 5 54 38 | 27°27'22 | 4 ≙ 17 | 6°35 | 9°19 | 6°44 | 4°48 | 0° 7 | 0°12 | 4°55 | 0° 9 | 6°16 | 7°28 | 5°54 | 5°21 | W19 |
| T 20 | 5 58 34 | 28°27'59 | 18°30 | 8° 8 | 10°35 | 7°24 | 5° 0 | 0°15 | 0°16 | 4°56 | 0°11 | 6°15 | 7°25 | 6° 0 | 5°21 | T 20 |
| F 21 | 6 2 31 | 29°28'38 | 2 M .46 | 9°40 | 11°50 | 8° 5 | 5°13 | 0°22 | 0°19 | 4°57 | 0°14 | 6°11 | 7°22 | 6° 7 | 5°21 | F 21 |
| S 22 | 6 6 27 | 0 ප් 29'18 | 17° 0 | 11°12 | 13° 5 | 8°45 | 5°25 | 0°29 | 0°23 | 4°58 | 0°16 | 6° 7 | 7°19 | 6°14 | 5°20 | S 22 |
| S 23 | 6 10 24 | 1°30'00 | 1 才 9 | 12°44 | 14°20 | 9°26 | 5°38 | 0°36 | 0°26 | 5° 0 | 0°18 | 6° 1 | 7°16 | 6°21 | 5°20 | S 23 |
| M24 | 6 14 21 | 2°30'43 | 15° 9 | 14°16 | 15°35 | 10° 6 | 5°50 | 0°43 | 0°29 | 5° 1 | 0°21 | 5°55 | 7°12 | 6°27 | 5°19 | M24 |
| T 25 | 6 18 17 | 3°31'28 | 2 <u>8</u> °55 | 15°47 | 16°51 | 10°47 | 6° 2 | 0°50 | 0°33 | 5° 2 | 0°23 | 5°51 | 7° 9 | 6°34 | 5°18 | T 25 |
| W26 | 6 22 14 | 4°32'13 | 12 る 24 | 17°19 | 18° 6 | 11°27 | 6°15 | 0°57 | 0°36 | 5° 4 | 0°25 | 5°47 | 7° 6 | 6°41 | 5°17 | W26 |
| T 27 | 6 26 10 | 5°33'00 | 25°34 | 18°50 | 19°21 | 12° 8 | 6°27 | 1° 5 | 0°39 | 5° 5 | 0°28 | 5°45 | 7° 3 | 6°47 | 5°16 | T 27 |
| F 28 | 6 30 7 | 6°33'48 | 8 ≈ 25 | 20°21 | 20°36 | 12°49 | 6°39 | 1°12 | 0°42 | 5° 6 | 0°30 | 5°D45 | 7° 0 | 6°54 | 5°15 | F 28 |
| S 29 | 6 34 3 | 7°34'37 | 20°57 | 21°52 | 21°51 | 13°29 | 6°51 | 1°19 | 0°46 | 5° 8 | 0°32 | 5°45 | 6°56 | 7° 1 | 5°14 | S 29 |
| S 30 | 6 38 0 | 8°35'26 | 3 ¥ 13 | 23°22 | 23° 6 | 14°10 | 7° 3 | 1°26 | 0°49 | 5° 9 | 0°35 | 5°47 | 6°53 | 7° 8 | 5°13 | S 30 |
| M31 | 6 41 56 | 9 ට 36'16 | 15 ∺ 16 | 24 궁 52 | 24 궁 22 | 14 × 751 | 7 , ₹15 | 1 る 33 | 0 х 52 | 5 ₩ 11 | 0 궁 37 | 5 Ω 49 | 6 Ω 50 | 7 Υ 14 | 5 m) 11 | M31 |

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JANUARY 3489 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q. | ♂ | 4 | ħ |)Å(| 并 | Р | ß | Ω | Ç | o k | Day |
|------|---------|----------|-----------------|--------|----------------|----------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|------|
| T 1 | 6 45 53 | 10る37'07 | 27) (11 | 26중22 | 25 る 37 | 15 ₹ 32 | 7 .₹ 27 | 1 云 40 | 0 ∡ 755 | 5 ₩12 | 0 ට 39 | 5 Ω 50 | 6Ω47 | 7 Υ 21 | 5°R10 | T 1 |
| W 2 | 6 49 50 | 11°37'59 | 9 Υ 2 | 27°51 | 26°52 | 16°13 | 7°39 | 1°47 | 0°58 | 5°14 | 0°42 | 5°R51 | 6°44 | 7°28 | 5Mp 8 | W 2 |
| T 3 | 6 53 46 | 12°38'51 | 20°55 | 29°19 | 28° 7 | 16°53 | 7°51 | 1°54 | 1° 1 | 5°15 | 0°44 | 5°51 | 6°41 | 7°34 | 5° 7 | T 3 |
| F 4 | 6 57 43 | 13°39'44 | 2 8 53 | 0≈46 | 29°22 | 17°34 | 8° 3 | 2° 2 | 1° 4 | 5°17 | 0°46 | 5°49 | 6°37 | 7°41 | 5° 5 | F 4 |
| S 5 | 7 1 39 | 14°40'38 | 15° 3 | 2°13 | 0≈37 | 18°15 | 8°15 | 2° 9 | 1° 7 | 5°18 | 0°48 | 5°47 | 6°34 | 7°48 | 5° 3 | S 5 |
| S 6 | 7 5 36 | 15°41'32 | 27°27 | 3°38 | 1°53 | 18°56 | 8°27 | 2°16 | 1°10 | 5°20 | 0°51 | 5°44 | 6°31 | 7°54 | 5° 1 | S 6 |
| M 7 | 7 9 32 | 16°42'27 | 10 I I 9 | 5° 2 | 3° 8 | 19°37 | 8°38 | 2°23 | 1°13 | 5°21 | 0°53 | 5°41 | 6°28 | 8° 1 | 4°59 | M 7 |
| T 8 | 7 13 29 | 17°43'22 | 23°10 | 6°25 | 4°23 | 20°18 | 8°50 | 2°30 | 1°16 | 5°23 | 0°55 | 5°38 | 6°25 | 8° 8 | 4°57 | T 8 |
| W 9 | 7 17 25 | 18°44'19 | 6930 | 7°46 | 5°38 | 20°59 | 9° 1 | 2°37 | 1°19 | 5°25 | 0°58 | 5°36 | 6°22 | 8°15 | 4°55 | W 9 |
| T 10 | 7 21 22 | 19°45'15 | 20° 9 | 9° 4 | 6°53 | 21°40 | 9°13 | 2°44 | 1°22 | 5°27 | 1° 0 | 5°35 | 6°18 | 8°21 | 4°52 | T 10 |
| F 11 | 7 25 19 | 20°46'13 | 4 Ω 4 | 10°20 | 8° 8 | 22°21 | 9°24 | 2°51 | 1°25 | 5°28 | 1° 2 | 5°D34 | 6°15 | 8°28 | 4°50 | F 11 |
| S 12 | 7 29 15 | 21°47'11 | 18°10 | 11°33 | 9°23 | 23° 2 | 9°35 | 2°57 | 1°27 | 5°30 | 1° 4 | 5°34 | 6°12 | 8°35 | 4°47 | S 12 |
| S 13 | 7 33 12 | 22°48'10 | 2 Mp 26 | 12°42 | 10°38 | 23°44 | 9°47 | 3° 4 | 1°30 | 5°32 | 1° 6 | 5°35 | 6° 9 | 8°41 | 4°45 | S 13 |
| M14 | 7 37 8 | 23°49'09 | 16°45 | 13°48 | 11°54 | 24°25 | 9°58 | 3°11 | 1°33 | 5°34 | 1° 9 | 5°36 | 6° 6 | 8°48 | 4°42 | M14 |
| T 15 | 7 41 5 | 24°50'09 | 1 º 4 | 14°49 | 13° 9 | 25° 6 | 10° 9 | 3°18 | 1°35 | 5°35 | 1°11 | 5°37 | 6° 2 | 8°55 | 4°39 | T 15 |
| W16 | 7 45 1 | 25°51'10 | 15°20 | 15°44 | 14°24 | 25°47 | 10°20 | 3°25 | 1°38 | 5°37 | 1°13 | 5°38 | 5°59 | 9° 2 | 4°36 | W16 |
| T 17 | 7 48 58 | 26°52'12 | 29°30 | 16°33 | 15°39 | 26°29 | 10°31 | 3°32 | 1°41 | 5°39 | 1°15 | 5°R38 | 5°56 | 9° 8 | 4°33 | T 17 |
| F 18 | 7 52 55 | 27°53'14 | 13M33 | 17°15 | 16°54 | 27°10 | 10°42 | 3°38 | 1°43 | 5°41 | 1°17 | 5°38 | 5°53 | 9°15 | 4°30 | F 18 |
| S 19 | 7 56 51 | 28°54'18 | 27°27 | 17°50 | 18° 9 | 27°51 | 10°52 | 3°45 | 1°46 | 5°43 | 1°20 | 5°37 | 5°50 | 9°22 | 4°27 | S 19 |
| S 20 | 8 0 48 | 29°55'22 | 11 ~ 9 | 18°15 | 19°24 | 28°33 | 11° 3 | 3°52 | 1°48 | 5°45 | 1°22 | 5°36 | 5°47 | 9°28 | 4°24 | S 20 |
| M21 | 8 4 44 | 0≈56'26 | 24°40 | 18°31 | 20°39 | 29°14 | 11°14 | 3°58 | 1°50 | 5°47 | 1°24 | 5°36 | 5°43 | 9°35 | 4°21 | M21 |
| T 22 | 8 8 41 | 1°57'31 | 7 궁 59 | 18°R37 | 21°54 | 29°56 | 11°24 | 4° 5 | 1°53 | 5°49 | 1°26 | 5°35 | 5°40 | 9°42 | 4°17 | T 22 |
| W23 | 8 12 37 | 2°58'37 | 21° 4 | 18°31 | 23° 9 | 0중37 | 11°34 | 4°12 | 1°55 | 5°51 | 1°28 | 5°35 | 5°37 | 9°48 | 4°14 | W23 |
| T 24 | 8 16 34 | 3°59'42 | 3≈54 | 18°13 | 24°24 | 1°19 | 11°45 | 4°18 | 1°57 | 5°53 | 1°30 | 5°D35 | 5°34 | 9°55 | 4°10 | T 24 |
| F 25 | 8 20 30 | 5° 0'48 | 16°31 | 17°44 | 25°39 | 2° 0 | 11°55 | 4°25 | 1°59 | 5°55 | 1°32 | 5°35 | 5°31 | 10° 2 | 4° 7 | F 25 |
| S 26 | 8 24 27 | 6° 1'53 | 28°55 | 17° 3 | 26°54 | 2°42 | 12° 5 | 4°31 | 2° 2 | 5°57 | 1°34 | 5°R35 | 5°28 | 10° 9 | 4° 3 | S 26 |
| S 27 | 8 28 24 | 7° 2'59 | 11 米 6 | 16°11 | 28° 9 | 3°24 | 12°15 | 4°38 | 2° 4 | 5°59 | 1°36 | 5°35 | 5°24 | 10°15 | 3°59 | S 27 |
| M28 | 8 32 20 | 8° 4'05 | 23° 8 | 15° 9 | 29°24 | 4° 5 | 12°25 | 4°44 | 2° 6 | 6° 1 | 1°38 | 5°35 | 5°21 | 10°22 | 3°56 | M28 |
| T 29 | 8 36 17 | 9° 5'10 | 5 Υ 2 | 13°59 | 0 ₩39 | 4°47 | 12°35 | 4°50 | 2° 8 | 6° 3 | 1°40 | 5°34 | 5°18 | 10°29 | 3°52 | T 29 |
| W30 | 8 40 13 | 10° 6'15 | 16°54 | 12°43 | 1°54 | 5°29 | 12°45 | 4°57 | 2°10 | 6° 5 | 1°42 | 5°34 | 5°15 | 10°35 | 3°48 | W30 |
| T31 | 8 44 10 | 11≈ 7'20 | 28 Y 46 | 11≈23 | 3 ∺ 9 | 6 ਰ 11 | 12 ₹ 54 | 5号 3 | 2 ₹ 12 | 6 ∺ 7 | 1 石 44 | 5 Ω 33 | 5 Ω 12 | 10 Y 42 | 3 TD 44 | T 31 |

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FEBRUARY 3489 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| 卉 | Р | G. | ದಿ | Ç | , k | Day |
|------|----------|------------------|-----------------|---------------|---------------|----------------|----------------|---------------|-----------------|--------------|----------------|---------------|---------------|----------------|---------------|------|
| F 1 | 8 48 6 | 12≈ 8'24 | 10843 | 10°R 2 | 4 ∺ 24 | 6 る 52 | 13 ×7 4 | 5 ට 9 | 2 7 14 | 6 ∺ 9 | 1 石 46 | 5°D33 | 5 Ω 8 | 10 Υ 49 | 3°R40 | F 1 |
| S 2 | 8 52 3 | 13° 9'29 | 22°50 | 8 ≈ 44 | 5°39 | 7°34 | 13°13 | 5°15 | 2°15 | 6°11 | 1°48 | 5 Ω 33 | 5° 5 | 10°56 | 3 m 36 | S 2 |
| S 3 | 8 55 59 | 14°10'32 | 5 Ⅱ 11 | 7°29 | 6°54 | 8°16 | 13°22 | 5°21 | 2°17 | 6°13 | 1°50 | 5°34 | 5° 2 | 11° 2 | 3°32 | S 3 |
| M 4 | 8 59 56 | 15°11'36 | 17°51 | 6°20 | 8° 9 | 8°58 | 13°31 | 5°28 | 2°19 | 6°16 | 1°51 | 5°35 | 4°59 | 11° 9 | 3°28 | M 4 |
| T 5 | 9 3 53 | 16°12'39 | 0953 | 5°18 | 9°24 | 9°40 | 13°41 | 5°34 | 2°21 | 6°18 | 1°53 | 5°36 | 4°56 | 11°16 | 3°24 | T 5 |
| W 6 | 9 7 49 | 17°13'41 | 14°20 | 4°25 | 10°38 | 10°22 | 13°50 | 5°40 | 2°22 | 6°20 | 1°55 | 5°36 | 4°53 | 11°22 | 3°19 | W 6 |
| T 7 | 9 11 46 | 18°14'43 | 28°11 | 3°42 | 11°53 | 11° 4 | 13°58 | 5°45 | 2°24 | 6°22 | 1°57 | 5°37 | 4°49 | 11°29 | 3°15 | T 7 |
| F 8 | 9 15 42 | 19°15'44 | 12 Ω 24 | 3° 8 | 13° 8 | 11°46 | 14° 7 | 5°51 | 2°25 | 6°24 | 1°58 | 5°R37 | 4°46 | 11°36 | 3°11 | F 8 |
| S 9 | 9 19 39 | 20°16'45 | 26°56 | 2°44 | 14°23 | 12°28 | 14°16 | 5°57 | 2°27 | 6°26 | 2° 0 | 5°36 | 4°43 | 11°43 | 3° 7 | S 9 |
| S 10 | 9 23 35 | 21°17'46 | 11 M p41 | 2°29 | 15°37 | 13°10 | 14°24 | 6° 3 | 2°28 | 6°29 | 2° 2 | 5°35 | 4°40 | 11°49 | 3° 2 | S 10 |
| M11 | 9 27 32 | 22°18'46 | 26°30 | 2°D23 | 16°52 | 13°52 | 14°32 | 6° 9 | 2°30 | 6°31 | 2° 4 | 5°33 | 4°37 | 11°56 | 2°58 | M11 |
| T 12 | 9 31 28 | 23°19'46 | 11 ≏ 16 | 2°25 | 18° 7 | 14°34 | 14°41 | 6°14 | 2°31 | 6°33 | 2° 5 | 5°30 | 4°33 | 12° 3 | 2°53 | T 12 |
| W13 | 9 35 25 | 24°20'45 | 25°53 | 2°36 | 19°21 | 15°16 | 14°49 | 6°20 | 2°32 | 6°35 | 2° 7 | 5°28 | 4°30 | 12° 9 | 2°49 | W13 |
| T 14 | 9 39 22 | 25°21'45 | 10 M _15 | 2°53 | 20°36 | 15°59 | 14°57 | 6°25 | 2°33 | 6°38 | 2° 8 | 5°27 | 4°27 | 12°16 | 2°44 | T 14 |
| F 15 | 9 43 18 | 26°22'44 | 24°20 | 3°17 | 21°50 | 16°41 | 15° 5 | 6°31 | 2°34 | 6°40 | 2°10 | 5°D26 | 4°24 | 12°23 | 2°40 | F 15 |
| S 16 | 9 47 15 | 27°23'42 | 8 . 7 6 | 3°47 | 23° 5 | 17°23 | 15°12 | 6°36 | 2°36 | 6°42 | 2°12 | 5°26 | 4°21 | 12°30 | 2°35 | S 16 |
| S 17 | 9 51 11 | 28°24'41 | 21°33 | 4°23 | 24°20 | 18° 6 | 15°20 | 6°41 | 2°37 | 6°44 | 2°13 | 5°28 | 4°18 | 12°36 | 2°31 | S 17 |
| M18 | 9 55 8 | 29°25'39 | 4 ⋜ 44 | 5° 3 | 25°34 | 18°48 | 15°27 | 6°47 | 2°38 | 6°47 | 2°15 | 5°29 | 4°14 | 12°43 | 2°26 | M18 |
| T 19 | 9 59 4 | 0 ∺ 26'37 | 17°39 | 5°48 | 26°49 | 19°30 | 15°35 | 6°52 | 2°39 | 6°49 | 2°16 | 5°31 | 4°11 | 12°50 | 2°22 | T 19 |
| W20 | 10 3 1 | 1°27'34 | 0≈21 | 6°38 | 28° 3 | 20°13 | 15°42 | 6°57 | 2°39 | 6°51 | 2°18 | 5°R32 | 4° 8 | 12°56 | 2°17 | W20 |
| T 21 | 10 6 57 | 2°28'30 | 12°51 | 7°30 | 29°17 | 20°55 | 15°49 | 7° 2 | 2°40 | 6°53 | 2°19 | 5°32 | 4° 5 | 13° 3 | 2°13 | T 21 |
| F 22 | 10 10 54 | 3°29'25 | 25°11 | 8°27 | 0 Υ 32 | 21°38 | 15°56 | 7° 7 | 2°41 | 6°56 | 2°20 | 5°30 | 4° 2 | 13°10 | 2° 8 | F 22 |
| S 23 | 10 14 51 | 4°30'20 | 7 ∺ 23 | 9°26 | 1°46 | 22°20 | 16° 3 | 7°12 | 2°42 | 6°58 | 2°22 | 5°27 | 3°59 | 13°17 | 2° 4 | S 23 |
| S 24 | 10 18 47 | 5°31'14 | 19°26 | 10°28 | 3° 0 | 23° 3 | 16° 9 | 7°17 | 2°42 | 7° 0 | 2°23 | 5°22 | 3°55 | 13°23 | 1°59 | S 24 |
| M25 | 10 22 44 | 6°32'07 | 1 Υ 24 | 11°32 | 4°15 | 23°45 | 16°16 | 7°22 | 2°43 | 7° 3 | 2°24 | 5°17 | 3°52 | 13°30 | 1°54 | M25 |
| T 26 | 10 26 40 | 7°32'58 | 13°17 | 12°39 | 5°29 | 24°28 | 16°22 | 7°26 | 2°44 | 7° 5 | 2°26 | 5°10 | 3°49 | 13°37 | 1°50 | T 26 |
| W27 | 10 30 37 | 8°33'49 | 25° 8 | 13°48 | 6°43 | 25°10 | 16°28 | 7°31 | 2°44 | 7° 7 | <u>2°27</u> | 5° 4 | 3°46 | 13°43 | 1°45 | W27 |
| T 28 | 10 34 33 | 9) 34'38 | 6 8 59 | 14≈59 | 7 Ƴ 57 | 25 る 53 | 16 ₹ 34 | 7 云 35 | 2 , 7⁴44 | 7 ∺ 9 | 2 පි 28 | 4Ω 59 | 3 Ω 43 | 13 Y 50 | 1 m 41 | T 28 |

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MARCH 3489 00:00 UT

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|--------------|----------------------|------------------------------|-------------------------------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|---------------|--------------|----------------|----------------|--------------|
| F 1 | 10 38 30 | 10) ₹35′26 | 18 8 55 | 16≈12 | 9 Υ 11 | 26 궁 36 | 16 ₮ 40 | 7 云 40 | 2 √ 45 | 7) €12 | 2 る 29 | 4°R55 | 3⋒39 | 13 Y 57 | 1°R36 | F 1 |
| S 2 | 10 42 26 | 11°36'13 | 0Д59 | 17°27 | 10°26 | 27°19 | 16°46 | 7°44 | 2°45 | 7°14 | 2°30 | 4Ω 53 | 3°36 | 14° 3 | 1 m 32 | S 2 |
| S 3 | 10 46 23 | 12°36'59 | 13°15 | 18°43 | 11°40 | 28° 1 | 16°51 | 7°49 | 2°45 | 7°16 | 2°31 | 4°D52 | 3°33 | 14°10 | 1°27 | S 3 |
| M 4 | 10 50 19 | 13°37'43 | 25°49 | 20° 0 | 12°54 | 28°44 | 16°56 | 7°53 | 2°46 | 7°18 | 2°32 | 4°53 | 3°30 | 14°17 | 1°23 | M 4 |
| T 5 | 10 54 16 | 14°38'25 | 89945 | 21°19 | 14° 7 | 29°27 | 17° 2 | 7°57 | 2°46 | 7°21 | 2°33 | 4°54 | 3°27 | 14°24 | 1°19 | T 5 |
| W 6 | 10 58 13 | 15°39'06 | 22° 7 | 22°39 | 15°21 | 0≈10 | 17° 7 | 8° 1 | 2°46 | 7°23 | 2°35 | 4°56 | 3°24 | 14°30 | 1°14 | W 6 |
| T 7 | 11 2 9 | 16°39'46 | 5 Ω 56 | 24° 1 | 16°35 | 0°53 | 17°12 | 8° 5 | 2°R46 | 7°25 | 2°35 | 4°R56 | 3°20 | 14°37 | 1°10 | T 7 |
| F 8 | 11 6 6 | 17°40'24 | 20°14 | 25°24 | 17°49 | 1°35 | 17°16 | 8° 9 | 2°46 | 7°27 | 2°36 | 4°55 | 3°17 | 14°44 | 1° 6 | F 8 |
| S 9 | 11 10 2 | 18°41'01 | 4M)56 | 26°48 | 19° 3 | 2°18 | 17°21 | 8°13 | 2°46 | 7°30 | 2°37 | 4°52 | 3°14 | 14°51 | 1° 1 | S 9 |
| S 10 | 11 13 59 | 19°41'36 | 19°58 | 28°13 | 20°16 | 3° 1 | 17°25 | 8°17 | 2°46 | 7°32 | 2°38 | 4°47 | 3°11 | 14°57 | 0°57 | S 10 |
| M11 | 11 17 55 | 20°42'10 | 5 ≙ 10 | 29°39 | 21°30 | 3°44 | 17°29 | 8°20 | 2°46 | 7°34 | 2°39 | 4°41 | 3° 8 | 15° 4 | 0°53 | M11 |
| T 12 | 11 21 52 | 21°42'43 | 20°22 | 1 ∺ 6 | 22°44 | 4°27 | 17°33 | 8°24 | 2°45 | 7°36 | 2°40 | 4°33 | 3° 5 | 15°11 | 0°49 | T 12 |
| W13 | 11 25 48 | 22°43'14 | 5M23 | 2°34 | 23°57 | 5°10 | 17°37 | 8°27 | 2°45 | 7°39 | 2°41 | 4°26 | 3° 1 | 15°17 | 0°45 | W13 |
| T 14 | 11 29 45 11 33 42 | 23°43'44 24°44'14 | 20° 5 4 × ⁷ 23 | 4° 3 5°34 | 25°11 26°24 | 5°54 6°37 | 17°41 17°45 | 8°31 8°34 | 2°45 2°44 | 7°41 7°43 | 2°41 2°42 | 4°20 4°16 | 2°58 2°55 | 15°24 15°31 | 0°41 0°37 | T 14 F 15 |
| F 15 S 16 | 11 33 42 | 24°44°14 25°44'42 | 18°14 | 7° 5 | 26°24 27°37 | 7°20 | 17°43 17°48 | 8°37 | 2°44 2°44 | 7°43 | 2°42 2°43 | 4°14 | 2°52 | 15°31 | 0°37 | S 16 |
| | | | | | | | | | | | | | | | | |
| S 17 | 11 41 35 | 26°45'09 | 1 정 40 | 8°37 | 28°51 | 8° 3 | 17°51 | 8°41 | 2°43 | 7°47 | 2°43 | 4°D14 | 2°49 | 15°44 | 0°29 | S 17 |
| M18 | 11 45 31 | 27°45'34 | 14°43 | 10°10 | 08 4 | 8°46 | 17°54 | 8°44 | 2°43 | 7°50 | 2°44 | 4°15 | 2°45 | 15°51 | 0°25 | M18 |
| T 19 W20 | 11 49 28 11 53 24 | 28°45'59 29°46'22 | 27°26 9≈54 | 11°44 13°20 | 1°17 2°30 | 9°29 10°13 | 17°57 18° 0 | 8°47 8°49 | 2°42 2°42 | 7°52 7°54 | 2°45 2°45 | 4°16 4°R16 | 2°42 2°39 | 15°58 16° 4 | 0°21 0°18 | T 19 W20 |
| T 21 | 11 53 24 | 29 46 22 0 Υ 46'43 | 9≈34 22° 9 | 13 20 14°56 | 3°43 | 10°13 | 18° 2 | 8°52 | 2°41 | 7°56 | 2°46 | 4 K16 4°14 | 2°36 | 16°11 | 0°14 | T 21 |
| F 22 | 12 1 17 | 1°47'04 | 4) 16 | 16°33 | 4°56 | 11°39 | 18° 4 | 8°55 | 2°40 | 7°58 | 2°46 | 4°10 | 2°33 | 16°18 | 0°10 | F 22 |
| S 23 | 12 5 14 | 2°47'22 | 16°16 | 18°11 | 6° 9 | 12°23 | 18° 6 | 8°57 | 2°39 | 8° 0 | 2°47 | 4° 3 | 2°30 | 16°25 | 0° 7 | S 23 |
| S 24 | 12 9 11 | 3°47'39 | 28°12 | 19°50 | 7°22 | 13° 6 | 18° 8 | 9° 0 | 2°38 | 8° 2 | 2°47 | 3°53 | 2°26 | 16°31 | 0° 3 | S 24 |
| M25 | 12 9 11 | 3 47 39 4°47'55 | 10° 5 | 21°30 | 8°35 | 13°49 | 18°10 | 9° 2 | 2°37 | 8° 5 | 2°47 | 3°42 | 2°23 | 16°38 | 0° 0 | M25 |
| T 26 | 12 17 4 | 5°48'09 | 21°57 | 23°12 | 9°48 | 14°33 | 18°12 | 9° 5 | 2°36 | 8° 7 | 2°48 | 3°29 | 2°20 | 16°45 | 29 Ω 57 | T 26 |
| W27 | 12 21 0 | 6°48'21 | 3 8 49 | 24°54 | 11° 0 | 15°16 | 18°13 | 9° 7 | 2°35 | 8° 9 | 2°48 | 3°17 | 2°17 | 16°51 | 29°54 | W27 |
| T 28 | 12 24 57 | 7°48'31 | 15°43 | 26°37 | 12°13 | 16° 0 | 18°14 | 9° 9 | 2°34 | 8°11 | 2°48 | 3° 5 | 2°14 | 16°58 | 29°51 | T 28 |
| F 29 | 12 28 53 | 8°48'39 | 27°40 | 28°22 | 13°25 | 16°43 | 18°15 | 9°11 | 2°33 | 8°13 | 2°49 | 2°56 | 2°10 | 17° 5 | 29°48 | F 29 |
| S 30 | 12 32 50 | 9°48'46 | 9 Ⅱ 45 | o Υ 7 | 14°38 | 17°27 | 18°16 | 9°13 | 2°32 | 8°15 | 2°49 | 2°49 | 2° 7 | 17°12 | 29°45 | S 30 |
| S 31 | 12 36 46 | 10 Y 48'50 | 22 I 0 | 1 Υ 54 | 15 8 50 | 18 ≈ 10 | 18 ⁄ 16 | 9 ට 15 | 2 ₹ 31 | 8 ∺ 17 | 2 ප් 49 | 2 Ω 45 | 2 0 4 | 17 Y 18 | 29 N 42 | S 31 |

Delta T = 02h00m49s

APRIL 3489 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)Å(| Ħ, | Р | v | v | Ç | Ş, | Day |
|------|----------|-------------------|-----------------|----------------|-----------------|----------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|--------------|------|
| M 1 | 12 40 43 | 11 ° 48'53 | 4930 | 3 Υ 42 | 17 8 3 | 18 ≈ 54 | 18 × 17 | 9 ට 16 | 2°R30 | 8): 19 | 2 る 49 | 2°R43 | 2 N 1 | 17 Υ 25 | 29°R39 | M 1 |
| T 2 | 12 44 39 | 12°48'53 | 17°19 | 5°30 | 18°15 | 19°37 | 18°17 | 9°18 | 2 ₹ 28 | 8°21 | 2°49 | 2°D43 | 1°58 | 17°32 | 29€36 | T 2 |
| W 3 | 12 48 36 | 13°48'52 | 0 Ω 32 | 7°20 | 19°27 | 20°21 | 18°R17 | 9°20 | 2°27 | 8°23 | 2°49 | 2°R44 | 1°55 | 17°38 | 29°34 | W 3 |
| T 4 | 12 52 33 | 14°48'48 | 14°12 | 9°11 | 20°39 | 21° 5 | 18°17 | 9°21 | 2°26 | 8°25 | 2°R49 | 2 Ω 43 | 1°51 | 17°45 | 29°31 | T 4 |
| F 5 | 12 56 29 | 15°48'42 | 28°20 | 11° 4 | 21°51 | 21°48 | 18°17 | 9°22 | 2°24 | 8°27 | 2°49 | 2°41 | 1°48 | 17°52 | 29°29 | F 5 |
| S 6 | 13 0 26 | 16°48'34 | 12 m 57 | 12°57 | 23° 3 | 22°32 | 18°16 | 9°24 | 2°23 | 8°28 | 2°49 | 2°36 | 1°45 | 17°59 | 29°26 | S 6 |
| S 7 | 13 4 22 | 17°48'24 | 27°58 | 14°51 | 24°15 | 23°16 | 18°15 | 9°25 | 2°21 | 8°30 | 2°49 | 2°29 | 1°42 | 18° 5 | 29°24 | S 7 |
| M 8 | 13 8 19 | 18°48'12 | 13 ≏ 15 | 16°47 | 25°26 | 23°59 | 18°15 | 9°26 | 2°19 | 8°32 | 2°49 | 2°19 | 1°39 | 18°12 | 29°22 | M 8 |
| T 9 | 13 12 15 | 19°47'58 | 28°37 | 18°44 | 26°38 | 24°43 | 18°13 | 9°27 | 2°18 | 8°34 | 2°49 | 2° 8 | 1°36 | 18°19 | 29°20 | T 9 |
| W10 | 13 16 12 | 20°47'42 | 13 M .53 | 20°41 | 27°49 | 25°27 | 18°12 | 9°27 | 2°16 | 8°36 | 2°49 | 1°57 | 1°32 | 18°25 | 29°18 | W10 |
| T 11 | 13 20 8 | 21°47'24 | 28°51 | 22°40 | 29° 1 | 26°11 | 18°11 | 9°28 | 2°14 | 8°38 | 2°48 | 1°48 | 1°29 | 18°32 | 29°16 | T 11 |
| F 12 | 13 24 5 | 22°47'05 | 13 × 24 | 24°39 | 0 I I12 | 26°55 | 18° 9 | 9°29 | 2°13 | 8°39 | 2°48 | 1°41 | 1°26 | 18°39 | 29°14 | F 12 |
| S 13 | 13 28 2 | 23°46'44 | 27°27 | 26°39 | 1°23 | 27°38 | 18° 7 | 9°29 | 2°11 | 8°41 | 2°48 | 1°36 | 1°23 | 18°46 | 29°12 | S 13 |
| S 14 | 13 31 58 | 24°46'22 | 11중 1 | 28°40 | 2°34 | 28°22 | 18° 5 | 9°30 | 2° 9 | 8°43 | 2°48 | 1°34 | 1°20 | 18°52 | 29°11 | S 14 |
| M15 | 13 35 55 | 25°45'58 | 24° 7 | 0841 | 3°45 | 29° 6 | 18° 3 | 9°30 | 2° 7 | 8°45 | 2°47 | 1°34 | 1°16 | 18°59 | 29° 9 | M15 |
| T 16 | 13 39 51 | 26°45'32 | 6≈49 | 2°42 | 4°56 | 29°50 | 18° 1 | 9°30 | 2° 5 | 8°46 | 2°47 | 1°33 | 1°13 | 19° 6 | 29° 8 | T 16 |
| W17 | 13 43 48 | 27°45'05 | 19°13 | 4°43 | 6° 7 | 0) €34 | 17°58 | 9°30 | 2° 3 | 8°48 | 2°46 | 1°33 | 1°10 | 19°12 | 29° 7 | W17 |
| T 18 | 13 47 44 | 28°44'36 | 1 ∺ 22 | 6°45 | 7°18 | 1°18 | 17°55 | 9°R30 | 2° 2 | 8°50 | 2°46 | 1°30 | 1° 7 | 19°19 | 29° 5 | T 18 |
| F 19 | 13 51 41 | 29°44'05 | 13°22 | 8°45 | 8°29 | 2° 2 | 17°53 | 9°30 | 2° 0 | 8°51 | 2°46 | 1°25 | 1° 4 | 19°26 | 29° 4 | F 19 |
| S 20 | 13 55 37 | 0843'32 | 25°16 | 10°45 | 9°39 | 2°46 | 17°49 | 9°30 | 1°57 | 8°53 | 2°45 | 1°16 | 1° 1 | 19°33 | 29° 3 | S 20 |
| S 21 | 13 59 34 | 1°42'58 | 7 ℃ 7 | 12°44 | 10°50 | 3°30 | 17°46 | 9°30 | 1°55 | 8°54 | 2°45 | 1° 5 | 0°57 | 19°39 | 29° 3 | S 21 |
| M22 | 14 3 31 | 2°42'21 | 18°58 | 14°41 | 12° 0 | 4°14 | 17°43 | 9°29 | 1°53 | 8°56 | 2°44 | 0°52 | 0°54 | 19°46 | 29° 2 | M22 |
| T 23 | 14 7 27 | 3°41'43 | 0 8 50 | 16°36 | 13°10 | 4°58 | 17°39 | 9°29 | 1°51 | 8°57 | 2°43 | 0°37 | 0°51 | 19°53 | 29° 1 | T 23 |
| W24 | 14 11 24 | 4°41'03 | 12°46 | 18°29 | 14°20 | 5°42 | 17°35 | 9°28 | 1°49 | 8°59 | 2°43 | 0°23 | 0°48 | 20° 0 | 29° 1 | W24 |
| T 25 | 14 15 20 | 5°40'21 | 24°45 | 20°19 | 15°30 | 6°26 | 17°31 | 9°28 | 1°47 | 9° 0 | 2°42 | 0° 9 | 0°45 | 20° 6 | 29° 0 | T 25 |
| F 26 | 14 19 17 | 6°39'37 | 6 I I50 | 22° 6 | 16°40 | 7°10 | 17°27 | 9°27 | 1°45 | 9° 2 | 2°41 | 29958 | 0°42 | 20°13 | 29° 0 | F 26 |
| S 27 | 14 23 13 | 7°38'51 | 19° 2 | 23°50 | 17°50 | 7°54 | 17°23 | 9°26 | 1°42 | 9° 3 | 2°41 | 29°49 | 0°38 | 20°20 | 28°59 | S 27 |
| S 28 | 14 27 10 | 8°38'02 | 19523 | 25°29 | 18°59 | 8°38 | 17°19 | 9°25 | 1°40 | 9° 4 | 2°40 | 29°44 | 0°35 | 20°26 | 28°59 | S 28 |
| M29 | 14 31 6 | 9°37'12 | 13°56 | 27° 5 | 20° 9 | 9°23 | 17°14 | 9°24 | 1°38 | 9° 6 | <u>2°39</u> | 29°41 | 0°32 | 20°33 | 28°D59 | M29 |
| T 30 | 14 35 3 | 10 8 36'19 | 269946 | 28 8 36 | 21 I I18 | 10 米 7 | 17 .7 9 | 9 ට 23 | 1 ∡ 736 | 9 ∺ 7 | 2 ろ 38 | 29°D40 | 0 Ω 29 | 20 Υ 40 | $28\Omega59$ | T 30 |

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|------|----------|-------------------|-----------------|---------------|-----------------|----------------|-----------------|---------------|---------------|---------------|---------------|--------|-------|----------------|----------------|------|
| W 1 | 14 38 59 | 11835'24 | 9 Ω 55 | 0 Ⅲ 2 | 22 II 27 | 10 米 51 | 17°R 4 | 9°R21 | 1°R33 | 9 ∺ 8 | 2°R38 | 29°R40 | 0Ω26 | 20 Y 47 | 29Ω 0 | W 1 |
| T 2 | 14 42 56 | 12°34'27 | 23°26 | 1°24 | 23°36 | 11°35 | 16 × 759 | 9 ට 20 | 1 ₹ 31 | 9°10 | 2 ප 37 | 299540 | 0°22 | 20°53 | 29° 0 | T 2 |
| F 3 | 14 46 53 | 13°33'27 | 7 m 23 | 2°39 | 24°45 | 12°19 | 16°54 | 9°19 | 1°29 | 9°11 | 2°36 | 29°38 | 0°19 | 21° 0 | 29° 0 | F 3 |
| S 4 | 14 50 49 | 14°32'26 | 21°46 | 3°50 | 25°54 | 13° 3 | 16°49 | 9°17 | 1°26 | 9°12 | 2°35 | 29°34 | 0°16 | 21° 7 | 29° 1 | S 4 |
| S 5 | 14 54 46 | 15°31'22 | 6 ₽ 32 | 4°55 | 27° 3 | 13°47 | 16°43 | 9°15 | 1°24 | 9°13 | 2°34 | 29°27 | 0°13 | 21°13 | 29° 1 | S 5 |
| M 6 | 14 58 42 | 16°30'15 | 21°36 | 5°54 | 28°11 | 14°32 | 16°38 | 9°14 | 1°21 | 9°15 | 2°33 | 29°18 | 0°10 | 21°20 | 29° 2 | M 6 |
| T 7 | 15 2 39 | 17°29'07 | 6 M .50 | 6°47 | 29°19 | 15°16 | 16°32 | 9°12 | 1°19 | 9°16 | 2°32 | 29° 8 | 0° 7 | 21°27 | 29° 3 | T 7 |
| W 8 | 15 6 35 | 18°27'57 | 22° 1 | 7°34 | 09527 | 16° 0 | 16°26 | 9°10 | 1°16 | 9°17 | 2°31 | 28°58 | 0° 3 | 21°34 | 29° 4 | W 8 |
| T 9 | 15 10 32 | 19°26'45 | 7 .₹ 0 | 8°15 | 1°35 | 16°44 | 16°20 | 9°8 | 1°14 | 9°18 | 2°30 | 28°49 | 0° 0 | 21°40 | 29° 5 | T 9 |
| F 10 | 15 14 28 | 20°25'31 | 21°38 | 8°50 | 2°43 | 17°28 | 16°14 | 9° 6 | 1°11 | 9°19 | 2°29 | 28°42 | 29957 | 21°47 | 29° 6 | F 10 |
| S 11 | 15 18 25 | 21°24'16 | 5 七 49 | 9°18 | 3°51 | 18°13 | 16° 8 | 9° 3 | 1° 9 | 9°20 | 2°28 | 28°37 | 29°54 | 21°54 | 29° 7 | S 11 |
| S 12 | 15 22 22 | 22°22'59 | 19°30 | 9°41 | 4°58 | 18°57 | 16° 1 | 9° 1 | 1° 6 | 9°21 | 2°27 | 28°35 | 29°51 | 22° 1 | 29° 8 | S 12 |
| M13 | 15 26 18 | 23°21'40 | 2≈43 | 9°57 | 6° 6 | 19°41 | 15°55 | 8°59 | 1° 4 | 9°22 | 2°25 | 28°D35 | 29°48 | 22° 7 | 29°10 | M13 |
| T 14 | 15 30 15 | 24°20'20 | 15°31 | 10° 7 | 7°13 | 20°25 | 15°48 | 8°56 | 1° 1 | 9°23 | 2°24 | 28°35 | 29°44 | 22°14 | 29°11 | T 14 |
| W15 | 15 34 11 | 25°18'57 | 27°57 | 10°R12 | 8°20 | 21°10 | 15°42 | 8°54 | 0°59 | 9°24 | 2°23 | 28°R36 | 29°41 | 22°21 | 29°13 | W15 |
| T 16 | 15 38 8 | 26°17'34 | 10 米 8 | 10°10 | 9°26 | 21°54 | 15°35 | 8°51 | 0°56 | 9°24 | 2°22 | 28°35 | 29°38 | 22°27 | 29°15 | T 16 |
| F 17 | 15 42 4 | 27°16'09 | 22° 7 | 10° 3 | 10°33 | 22°38 | 15°28 | 8°49 | 0°54 | 9°25 | 2°21 | 28°31 | 29°35 | 22°34 | 29°17 | F 17 |
| S 18 | 15 46 1 | 28°14'42 | 4Υ 0 | 9°51 | 11°39 | 23°22 | 15°21 | 8°46 | 0°51 | 9°26 | 2°19 | 28°26 | 29°32 | 22°41 | 29°19 | S 18 |
| S 19 | 15 49 57 | 29°13'13 | 15°50 | 9°33 | 12°45 | 24° 7 | 15°14 | 8°43 | 0°49 | 9°27 | 2°18 | 28°18 | 29°28 | 22°48 | 29°21 | S 19 |
| M20 | 15 53 54 | 0 Ⅱ 11'43 | 27°42 | 9°11 | 13°51 | 24°51 | 15° 7 | 8°40 | 0°46 | 9°27 | 2°17 | 28° 8 | 29°25 | 22°54 | 29°23 | M20 |
| T 21 | 15 57 51 | 1°10'11 | 9 8 37 | 8°45 | 14°57 | 25°35 | 15° 0 | 8°37 | 0°44 | 9°28 | 2°15 | 27°58 | 29°22 | 23° 1 | 29°25 | T 21 |
| W22 | 16 1 47 | 2° 8'38 | 21°38 | 8°16 | 16° 3 | 26°20 | 14°53 | 8°34 | 0°41 | 9°29 | 2°14 | 27°47 | 29°19 | 23° 8 | 29°27 | W22 |
| T 23 | 16 5 44 | 3° 7'03 | 3 Ⅱ 46 | 7°43 | 17° 8 | 27° 4 | 14°45 | 8°31 | 0°38 | 9°29 | 2°13 | 27°37 | 29°16 | 23°14 | 29°30 | T 23 |
| F 24 | 16 9 40 | 4° 5'26 | 16° 2 | 7° 8 | 18°13 | 27°48 | 14°38 | 8°28 | 0°36 | 9°30 | 2°11 | 27°28 | 29°13 | 23°21 | 29°32 | F 24 |
| S 25 | 16 13 37 | 5° 3'48 | 28°27 | 6°31 | 19°18 | 28°32 | 14°30 | 8°24 | 0°33 | 9°31 | 2°10 | 27°22 | 29° 9 | 23°28 | 29°35 | S 25 |
| S 26 | 16 17 33 | 6° 2'07 | 1195 2 | 5°53 | 20°22 | 29°16 | 14°23 | 8°21 | 0°31 | 9°31 | 2° 9 | 27°19 | 29° 6 | 23°35 | 29°38 | S 26 |
| M27 | 16 21 30 | 7° 0'25 | 23°49 | 5°15 | 21°27 | 0 Υ 1 | 14°15 | 8°17 | 0°28 | 9°32 | 2° 7 | 27°D17 | 29° 3 | 23°41 | 29°41 | M27 |
| T 28 | 16 25 27 | 7°58'41 | 6 Ω 49 | 4°37 | 22°31 | 0°45 | 14° 8 | 8°14 | 0°26 | 9°32 | 2° 6 | 27°18 | 29° 0 | 23°48 | 29°44 | T 28 |
| W29 | 16 29 23 | 8°56'55 | 20° 4 | 4° 1 | 23°35 | 1°29 | 14° 0 | 8°10 | 0°23 | 9°33 | 2° 4 | 27°19 | 28°57 | 23°55 | 29°47 | W29 |
| T 30 | 16 33 20 | 9°55'07 | 3 M 37 | 3°25 | 24°38 | 2°13 | 13°53 | <u>8°</u> 7 | 0°21 | 9°33 | <u>2°</u> 3 | 27°R20 | 28°53 | 24° 2 | 29°50 | T 30 |
| F 31 | 16 37 16 | 10 Ⅱ 53'17 | 17 m)28 | 2 Ⅱ 52 | 259541 | 2 Ƴ 57 | 13 × 745 | 8중 3 | 0 ∡ 18 | 9 米 33 | 2ਰ 1 | 279520 | 28950 | 24 Y 8 | 29 Ω 53 | F 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ [™] | 4 | ħ |)Å(| ¥ | Р | ß | Ω | Ç | Š | Day |
|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|---------------|--------|--------|----------------|----------------|------|
| S 1 | 16 41 13 | 11 Ⅱ 51'25 | 1 ≏ 39 | 2°R22 | 269344 | 3 ℃ 42 | 13°R37 | 7°R59 | 0°R16 | 9 米 34 | 2°R 0 | 27°R18 | 28947 | 24 Y 15 | 29 Ω 56 | S 1 |
| S 2 | 16 45 9 | 12°49'31 | 16° 8 | 1 II 55 | 27°47 | 4°26 | 13 ∡ 30 | 7 궁 56 | 0 ∡ 13 | 9°34 | 1 る 58 | 279915 | 28°44 | 24°22 | 29°59 | S 2 |
| M 3 | 16 49 6 | 13°47'35 | 0 M 51 | 1°31 | 28°49 | 5°10 | 13°22 | 7°52 | 0°11 | 9°34 | 1°57 | 27° 9 | 28°41 | 24°28 | 0 Mp 3 | M 3 |
| T 4 | 16 53 2 | 14°45'37 | 15°42 | 1°11 | 29°51 | 5°54 | 13°15 | 7°48 | 0° 8 | 9°34 | 1°55 | 27° 3 | 28°38 | 24°35 | 0° 7 | T 4 |
| W 5 | 16 56 59 | 15°43'38 | 0 ∡ 33 | 0°55 | 0 £ 53 | 6°38 | 13° 7 | 7°44 | 0° 6 | 9°35 | 1°54 | 26°57 | 28°34 | 24°42 | 0°11 | W 5 |
| T 6 | 17 0 56 | 16°41'38 | 15°16 | 0°44 | 1°55 | 7°22 | 12°59 | 7°40 | 0° 4 | 9°35 | 1°52 | 26°51 | 28°31 | 24°49 | 0°14 | T 6 |
| F 7 | 17 4 52 | 17°39'35 | 29°43 | 0°37 | 2°56 | 8° 6 | 12°52 | 7°36 | 0° 1 | 9°35 | 1°51 | 26°47 | 28°28 | 24°55 | 0°18 | F 7 |
| S 8 | 17 8 49 | 18°37'32 | 13 る 49 | 0°D35 | 3°56 | 8°50 | 12°44 | 7°32 | 29 M 59 | 9°35 | 1°49 | 26°45 | 28°25 | 25° 2 | 0°22 | S 8 |
| S 9 | 17 12 45 | 19°35'27 | 27°30 | 0°37 | 4°57 | 9°34 | 12°37 | 7°28 | 29°56 | 9°35 | 1°48 | 26°D44 | 28°22 | 25° 9 | 0°26 | S 9 |
| M10 | 17 16 42 | 20°33'21 | 10≈46 | 0°44 | 5°57 | 10°18 | 12°29 | 7°24 | 29°54 | 9°35 | 1°46 | 26°45 | 28°19 | 25°15 | 0°30 | M10 |
| T 11 | 17 20 38 | 21°31'13 | 23°37 | 0°55 | 6°56 | 11° 2 | 12°21 | 7°20 | 29°52 | 9°R35 | 1°44 | 26°46 | 28°15 | 25°22 | 0°35 | T 11 |
| W12 | 17 24 35 | 22°29'05 | 6 ∀ 8 | 1°11 | 7°55 | 11°46 | 12°14 | 7°15 | 29°49 | 9°35 | 1°43 | 26°48 | 28°12 | 25°29 | 0°39 | W12 |
| T 13 | 17 28 31 | 23°26'55 | 18°22 | 1°31 | 8°54 | 12°30 | 12° 7 | 7°11 | 29°47 | 9°35 | 1°41 | 26°R49 | 28° 9 | 25°36 | 0°43 | T 13 |
| F 14 | 17 32 28 | 24°24'44 | 0 Υ 24 | 1°56 | 9°52 | 13°14 | 11°59 | 7° 7 | 29°45 | 9°35 | 1°40 | 26°49 | 28° 6 | 25°42 | 0°48 | F 14 |
| S 15 | 17 36 25 | 25°22'32 | 12°19 | 2°25 | 10°50 | 13°58 | 11°52 | 7° 3 | 29°43 | 9°35 | 1°38 | 26°47 | 28° 3 | 25°49 | 0°52 | S 15 |
| S 16 | 17 40 21 | 26°20'19 | 24°11 | 2°58 | 11°48 | 14°42 | 11°45 | 6°58 | 29°40 | 9°35 | 1°36 | 26°45 | 27°59 | 25°56 | 0°57 | S 16 |
| M17 | 17 44 18 | 27°18'05 | 6 8 5 | 3°35 | 12°45 | 15°26 | 11°38 | 6°54 | 29°38 | 9°34 | 1°35 | 26°41 | 27°56 | 26° 3 | 1° 1 | M17 |
| T 18 | 17 48 14 | 28°15'50 | 18° 4 | 4°16 | 13°41 | 16° 9 | 11°30 | 6°49 | 29°36 | 9°34 | 1°33 | 26°36 | 27°53 | 26° 9 | 1° 6 | T 18 |
| W19 | 17 52 11 | 29°13'34 | 0耳10 | 5° 0 | 14°37 | 16°53 | 11°23 | 6°45 | 29°34 | 9°34 | 1°32 | 26°32 | 27°50 | 26°16 | 1°11 | W19 |
| T 20 | 17 56 7 | 0911'17 | 12°27 | 5°49 | 15°33 | 17°37 | 11°16 | 6°41 | 29°32 | 9°34 | 1°30 | 26°27 | 27°47 | 26°23 | 1°16 | T 20 |
| F 21 | 18 0 4 | 1° 8'59 | 24°56 | 6°40 | 16°28 | 18°20 | 11°10 | 6°36 | 29°30 | 9°33 | 1°28 | 26°24 | 27°44 | 26°29 | 1°21 | F 21 |
| S 22 | 18 4 0 | 2° 6'39 | 793 8 | 7°36 | 17°22 | 19° 4 | 11° 3 | 6°32 | 29°28 | 9°33 | 1°27 | 26°21 | 27°40 | 26°36 | 1°26 | S 22 |
| S 23 | 18 7 57 | 3° 4'19 | 20°32 | 8°34 | 18°16 | 19°48 | 10°56 | 6°27 | 29°26 | 9°33 | 1°25 | 26°D20 | 27°37 | 26°43 | 1°31 | S 23 |
| M24 | 18 11 54 | 4° 1'57 | 3 Ω 39 | 9°36 | 19° 9 | 20°31 | 10°50 | 6°23 | 29°24 | 9°32 | 1°23 | 26°20 | 27°34 | 26°50 | 1°37 | M24 |
| T 25 | 18 15 50 | 4°59'35 | 17° 0 | 10°42 | 20° 2 | 21°15 | 10°43 | 6°18 | 29°22 | 9°32 | 1°22 | 26°21 | 27°31 | 26°56 | 1°42 | T 25 |
| W26 | 18 19 47 | 5°57'10 | 0 m 33 | 11°50 | 20°54 | 21°58 | 10°37 | 6°14 | 29°20 | 9°31 | 1°20 | 26°23 | 27°28 | 27° 3 | 1°47 | W26 |
| T 27 | 18 23 43 | 6°54'45 | 14°18 | 13° 1 | 21°45 | 22°42 | 10°31 | 6°10 | 29°18 | 9°31 | 1°19 | 26°24 | 27°25 | 27°10 | 1°53 | T 27 |
| F 28 | 18 27 40 | 7°52'18 | 28°15 | 14°16 | 22°36 | 23°25 | 10°24 | 6° 5 | 29°16 | 9°30 | 1°17 | 26°25 | 27°21 | 27°17 | 1°58 | F 28 |
| S 29 | 18 31 36 | 8°49'50 | 12 ≏ 23 | 15°33 | 23°26 | 24° 8 | 10°18 | 6° 1 | 29°15 | 9°30 | 1°15 | 26°R25 | 27°18 | 27°23 | 2° 4 | S 29 |
| S 30 | 18 35 33 | 99547'21 | 26 ≏ 40 | 16耳53 | 24 Ω 15 | 24 Y 51 | 10 × 13 | 5 る 56 | 29 M 13 | 9 ∺ 29 | 1 ਰ 14 | 269524 | 279515 | 27 Y 30 | 2M) 9 | S 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)f(| ¥ | Р | u | v | ţ | ę k | Day |
|------|----------|------------------|-----------------|----------------|----------------|----------------|---------------|----------------|-----------------|---------------|---------------|--------|--------|----------------|---------------|------|
| M 1 | 18 39 29 | 109544'50 | 11 M 3 | 18 Ⅱ 16 | 25⋒ 4 | 25 Y 35 | 10°R 7 | 5°R52 | 29°R11 | 9°R29 | 1°R12 | 26°R23 | 279512 | 27 Y 37 | 2 Mp 15 | M 1 |
| T 2 | 18 43 26 | 11°42'19 | 25°29 | 19°43 | 25°52 | 26°18 | 10 才 1 | 5 ⋜ 47 | 29 M 10 | 9 ∺ 28 | 1 ਰ 11 | 269521 | 27° 9 | 27°43 | 2°21 | T 2 |
| W 3 | 18 47 23 | 12°39'46 | 9 . ₹53 | 21°11 | 26°38 | 27° 1 | 9°56 | 5°43 | 29° 8 | 9°27 | 1° 9 | 26°20 | 27° 5 | 27°50 | 2°27 | W 3 |
| T 4 | 18 51 19 | 13°37'13 | 24° 9 | 22°43 | 27°24 | 27°44 | 9°50 | 5°38 | 29° 6 | 9°26 | 1° 7 | 26°18 | 27° 2 | 27°57 | 2°33 | T 4 |
| F 5 | 18 55 16 | 14°34'38 | 8 궁 14 | 24°18 | 28°10 | 28°27 | 9°45 | 5°34 | 29° 5 | 9°26 | 1° 6 | 26°17 | 26°59 | 28° 4 | 2°38 | F 5 |
| S 6 | 18 59 12 | 15°32'03 | 22° 2 | 25°55 | 28°54 | 29°10 | 9°40 | 5°30 | 29° 3 | 9°25 | 1° 4 | 26°D17 | 26°56 | 28°10 | 2°45 | S 6 |
| S 7 | 19 3 9 | 16°29'27 | 5≈32 | 27°35 | 29°37 | 29°53 | 9°35 | 5°25 | 29° 2 | 9°24 | 1° 3 | 26°17 | 26°53 | 28°17 | 2°51 | S 7 |
| M 8 | 19 7 5 | 17°26'50 | 18°41 | 29°18 | 0 m 19 | 0 8 35 | 9°30 | 5°21 | 29° 0 | 9°23 | 1° 1 | 26°17 | 26°50 | 28°24 | 2°57 | M 8 |
| T 9 | 19 11 2 | 18°24'13 | 1) (31 | 195 4 | 1° 1 | 1°18 | 9°26 | 5°17 | 28°59 | 9°22 | 1° 0 | 26°18 | 26°46 | 28°30 | 3° 3 | T 9 |
| W10 | 19 14 59 | 19°21'35 | 14° 2 | 2°52 | 1°41 | 2° 1 | 9°21 | 5°12 | 28°58 | 9°22 | 0°58 | 26°19 | 26°43 | 28°37 | 3° 9 | W10 |
| T 11 | 19 18 55 | 20°18'57 | 26°18 | 4°43 | 2°20 | 2°43 | 9°17 | 5° 8 | 28°56 | 9°21 | 0°57 | 26°19 | 26°40 | 28°44 | 3°15 | T 11 |
| F 12 | 19 22 52 | 21°16'18 | 8 Υ 23 | 6°37 | 2°58 | 3°26 | 9°13 | 5° 4 | 28°55 | 9°20 | 0°55 | 26°20 | 26°37 | 28°51 | 3°22 | F 12 |
| S 13 | 19 26 48 | 22°13'40 | 20°19 | 8°33 | 3°34 | 4° 8 | 9° 9 | 5° 0 | 28°54 | 9°19 | 0°54 | 26°R20 | 26°34 | 28°57 | 3°28 | S 13 |
| S 14 | 19 30 45 | 23°11'00 | 2 8 13 | 10°31 | 4°10 | 4°51 | 9° 5 | 4°56 | 28°53 | 9°18 | 0°52 | 26°20 | 26°31 | 29° 4 | 3°35 | S 14 |
| M15 | 19 34 41 | 24° 8'21 | 14° 7 | 12°32 | 4°44 | 5°33 | 9° 1 | 4°52 | 28°52 | 9°17 | 0°51 | 26°20 | 26°27 | 29°11 | 3°41 | M15 |
| T 16 | 19 38 38 | 25° 5'42 | 26° 8 | 14°35 | 5°17 | 6°15 | 8°58 | 4°48 | 28°51 | 9°16 | 0°49 | 26°19 | 26°24 | 29°18 | 3°48 | T 16 |
| W17 | 19 42 34 | 26° 3'02 | 8耳19 | 16°40 | 5°49 | 6°57 | 8°54 | 4°44 | 28°50 | 9°15 | 0°48 | 26°D19 | 26°21 | 29°24 | 3°54 | W17 |
| T 18 | 19 46 31 | 27° 0'22 | 20°43 | 18°46 | 6°19 | 7°39 | 8°51 | 4°40 | 28°49 | 9°14 | 0°46 | 26°19 | 26°18 | 29°31 | 4° 1 | T 18 |
| F 19 | 19 50 28 | 27°57'42 | 39522 | 20°54 | 6°48 | 8°21 | 8°48 | 4°36 | 28°48 | 9°13 | 0°45 | 26°20 | 26°15 | 29°38 | 4° 8 | F 19 |
| S 20 | 19 54 24 | 28°55'02 | 16°19 | 23° 3 | 7°15 | 9° 3 | 8°45 | 4°32 | 28°47 | 9°11 | 0°44 | 26°20 | 26°11 | 29°44 | 4°15 | S 20 |
| S 21 | 19 58 21 | 29°52'21 | 29°33 | 25°13 | 7°40 | 9°45 | 8°43 | 4°28 | 28°46 | 9°10 | 0°42 | 26°R20 | 26° 8 | 29°51 | 4°21 | S 21 |
| M22 | 20 2 17 | 0 Ω 49'40 | 13Ω 5 | 27°24 | 8° 4 | 10°27 | 8°40 | 4°24 | 28°45 | 9° 9 | 0°41 | 26°20 | 26° 5 | 29°58 | 4°28 | M22 |
| T 23 | 20 6 14 | 1°46'59 | 26°51 | 29°35 | 8°26 | 11°8 | 8°38 | 4°21 | 28°45 | 9° 8 | 0°39 | 26°19 | 26° 2 | 0 8 5 | 4°35 | T 23 |
| W24 | 20 10 10 | 2°44'17 | 10 m 50 | 1Ω 46 | 8°47 | 11°50 | 8°36 | 4°17 | 28°44 | 9° 7 | 0°38 | 26°19 | 25°59 | 0°11 | 4°42 | W24 |
| T 25 | 20 14 7 | 3°41'35 | 24°58 | 3°57 | 9° 5 | 12°31 | 8°34 | 4°13 | 28°43 | 9° 5 | 0°37 | 26°18 | 25°56 | 0°18 | 4°49 | T 25 |
| F 26 | 20 18 3 | 4°38'53 | 9 ₽ 11 | 6° 7 | 9°22 | 13°12 | 8°32 | 4°10 | 28°43 | 9° 4 | 0°36 | 26°17 | 25°52 | 0°25 | 4°56 | F 26 |
| S 27 | 20 22 0 | 5°36'10 | 23°27 | 8°17 | 9°37 | 13°53 | 8°31 | 4° 6 | 28°42 | 9° 3 | 0°34 | 26°16 | 25°49 | 0°31 | 5° 3 | S 27 |
| S 28 | 20 25 57 | 6°33'26 | 7 M 42 | 10°26 | 9°49 | 14°34 | 8°29 | 4° 3 | 28°42 | 9° 2 | 0°33 | 26°D16 | 25°46 | 0°38 | 5°10 | S 28 |
| M29 | 20 29 53 | 7°30'43 | 21°54 | 12°34 | 10° 0 | 15°15 | 8°28 | 4° 0 | 28°41 | 9° 0 | 0°32 | 26°17 | 25°43 | 0°45 | 5°17 | M29 |
| T 30 | 20 33 50 | 8°27'59 | 6 ₹ 0 | 14°40 | 10° 9 | 15°56 | 8°27 | 3°56 | 28°41 | 8°59 | 0°31 | 26°17 | 25°40 | 0°52 | 5°25 | T 30 |
| W31 | 20 37 46 | 9 Ω 25'15 | 19 × 759 | 16 Ω 45 | 10 m 15 | 16 8 37 | 8 ₹ 26 | 3 ප් 53 | 28 M .41 | 8 ∺ 58 | 0 る 29 | 269518 | 25937 | 0 8 58 | 5 m 32 | W31 |

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| Day | Sid.t | 0 |) | Σ + | φ | δ | 4 | ħ | ᡟ | ¥ | Р | ß | S | Ç | ۰, | Day |
|------|----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|--------|-------|---------------|---------------|------|
| T 1 | 20 41 43 | 10\O22'30 | 3 云 48 | 18 Ω 49 | 10 m 19 | 17 8 17 | 8°R25 | 3°R50 | 28°R40 | 8°R56 | 0°R28 | 269519 | 25933 | 1 8 5 | 5 m 39 | T 1 |
| F 2 | 20 45 39 | 11°19'46 | 17°25 | 20°51 | 10°R21 | 17°58 | 8 ₹ 25 | 3 ⋜ 47 | 28 M 40 | 8 ∺ 55 | 0 궁 27 | 26°20 | 25°30 | 1°12 | 5°46 | F 2 |
| S 3 | 20 49 36 | 12°17'01 | 0≈50 | 22°51 | 10°20 | 18°38 | 8°25 | 3°44 | 28°40 | 8°53 | 0°26 | 26°R20 | 25°27 | 1°19 | 5°54 | S 3 |
| S 4 | 20 53 32 | 13°14'17 | 14° 0 | 24°49 | 10°17 | 19°18 | 8°D24 | 3°41 | 28°40 | 8°52 | 0°25 | 26°19 | 25°24 | 1°25 | 6° 1 | S 4 |
| M 5 | 20 57 29 | 14°11'32 | 26°56 | 26°46 | 10°12 | 19°59 | 8°24 | 3°38 | 28°40 | 8°51 | 0°24 | 26°18 | 25°21 | 1°32 | 6° 8 | M 5 |
| T 6 | 21 1 26 | 15° 8'48 | 9 ∺ 36 | 28°40 | 10° 4 | 20°39 | 8°25 | 3°35 | 28°D40 | 8°49 | 0°23 | 26°15 | 25°17 | 1°39 | 6°16 | T 6 |
| W 7 | 21 5 22 | 16° 6'04 | 22° 2 | 0 m 33 | 9°54 | 21°18 | 8°25 | 3°33 | 28°40 | 8°48 | 0°22 | 26°13 | 25°14 | 1°45 | 6°23 | W 7 |
| T 8 | 21 9 19 | 17° 3'21 | 4 Υ 16 | 2°24 | 9°42 | 21°58 | 8°26 | 3°30 | 28°40 | 8°46 | 0°21 | 26° 9 | 25°11 | 1°52 | 6°30 | T 8 |
| F 9 | 21 13 15 | 18° 0'37 | 16°19 | 4°14 | 9°27 | 22°38 | 8°26 | 3°27 | 28°40 | 8°45 | 0°20 | 26° 7 | 25° 8 | 1°59 | 6°38 | F 9 |
| S 10 | 21 17 12 | 18°57'55 | 28°16 | 6° 1 | 9°10 | 23°17 | 8°27 | 3°25 | 28°40 | 8°43 | 0°19 | 26° 4 | 25° 5 | 2° 6 | 6°45 | S 10 |
| S 11 | 21 21 8 | 19°55'13 | 10 8 9 | 7°46 | 8°50 | 23°56 | 8°29 | 3°23 | 28°41 | 8°42 | 0°18 | 26° 3 | 25° 2 | 2°12 | 6°53 | S 11 |
| M12 | 21 25 5 | 20°52'32 | 22° 3 | 9°30 | 8°28 | 24°35 | 8°30 | 3°20 | 28°41 | 8°40 | 0°17 | 26°D 2 | 24°58 | 2°19 | 7° 1 | M12 |
| T 13 | 21 29 1 | 21°49'51 | 4 Ⅱ 3 | 11°12 | 8° 4 | 25°14 | 8°31 | 3°18 | 28°41 | 8°39 | 0°16 | 26° 3 | 24°55 | 2°26 | 7° 8 | T 13 |
| W14 | 21 32 58 | 22°47'11 | 16°14 | 12°51 | 7°39 | 25°53 | 8°33 | 3°16 | 28°42 | 8°37 | 0°16 | 26° 4 | 24°52 | 2°32 | 7°16 | W14 |
| T 15 | 21 36 55 | 23°44'32 | 28°40 | 14°29 | 7°11 | 26°32 | 8°35 | 3°14 | 28°42 | 8°36 | 0°15 | 26° 6 | 24°49 | 2°39 | 7°23 | T 15 |
| F 16 | 21 40 51 | 24°41'53 | 119525 | 16° 6 | 6°41 | 27°10 | 8°37 | 3°12 | 28°43 | 8°34 | 0°14 | 26° 7 | 24°46 | 2°46 | 7°31 | F 16 |
| S 17 | 21 44 48 | 25°39'16 | 24°31 | 17°40 | 6°10 | 27°48 | 8°39 | 3°10 | 28°43 | 8°32 | 0°13 | 26°R 8 | 24°43 | 2°53 | 7°39 | S 17 |
| S 18 | 21 48 44 | 26°36'39 | 8 N 1 | 19°12 | 5°37 | 28°27 | 8°41 | 3°8 | 28°44 | 8°31 | 0°13 | 26° 7 | 24°39 | 2°59 | 7°46 | S 18 |
| M19 | 21 52 41 | 27°34'02 | 21°53 | 20°43 | 5° 3 | 29° 4 | 8°44 | 3° 7 | 28°45 | 8°29 | 0°12 | 26° 6 | 24°36 | 3° 6 | 7°54 | M19 |
| T 20 | 21 56 37 | 28°31'26 | 6Mp 4 | 22°12 | 4°28 | 29°42 | 8°47 | 3° 5 | 28°45 | 8°28 | 0°11 | 26° 2 | 24°33 | 3°13 | 8° 2 | T 20 |
| W21 | 22 0 34 | 29°28'51 | 20°30 | 23°39 | 3°52 | 0Ⅱ20 | 8°49 | 3° 3 | 28°46 | 8°26 | 0°11 | 25°58 | 24°30 | 3°20 | 8° 9 | W21 |
| T 22 | 22 4 30 | 0 m 26'16 | 5 º 6 | 25° 4 | 3°15 | 0°57 | 8°53 | 3° 2 | 28°47 | 8°24 | 0°10 | 25°53 | 24°27 | 3°26 | 8°17 | T 22 |
| F 23 | 22 8 27 | 1°23'42 | 19°43 | 26°27 | 2°38 | 1°34 | 8°56 | 3° 1 | 28°48 | 8°23 | 0° 9 | 25°48 | 24°23 | 3°33 | 8°25 | F 23 |
| S 24 | 22 12 24 | 2°21'08 | 4 M .16 | 27°48 | 2° 0 | 2°11 | 8°59 | 3° 0 | 28°49 | 8°21 | 0° 9 | 25°44 | 24°20 | 3°40 | 8°33 | S 24 |
| S 25 | 22 16 20 | 3°18'35 | 18°40 | 29° 7 | 1°23 | 2°48 | 9° 3 | 2°58 | 28°50 | 8°20 | 0° 8 | 25°42 | 24°17 | 3°46 | 8°40 | S 25 |
| M26 | 22 20 17 | 4°16'02 | 2 ₹ 51 | 0 ჲ 24 | 0°45 | 3°24 | 9° 6 | 2°57 | 28°51 | 8°18 | 0°8 | 25°D41 | 24°14 | 3°53 | 8°48 | M26 |
| T 27 | 22 24 13 | 5°13'30 | 16°48 | 1°39 | 0° 9 | 4° 1 | 9°10 | 2°56 | 28°52 | 8°16 | 0° 7 | 25°41 | 24°11 | 4° 0 | 8°56 | T 27 |
| W28 | 22 28 10 | 6°10'58 | 0 궁 30 | 2°51 | 29€33 | 4°37 | 9°14 | 2°56 | 28°53 | 8°15 | 0° 7 | 25°42 | 24° 8 | 4° 7 | 9° 4 | W28 |
| T 29 | 22 32 6 | 7° 8'28 | 13°57 | 4° 2 | 28°58 | 5°13 | 9°19 | 2°55 | 28°54 | 8°13 | 0° 7 | 25°44 | 24° 4 | 4°13 | 9°12 | T 29 |
| F 30 | 22 36 3 | 8° 5'57 | 27°11 | 5°10 | 28°24 | 5°48 | 9°23 | 2°54 | 28°56 | 8°11 | 0° 6 | 25°R44 | 24° 1 | 4°20 | 9°19 | F 30 |
| S 31 | 22 39 59 | 9 Mg 3'27 | 10≈12 | 6 ₽ 16 | 27 £ 51 | 6 Ⅱ 24 | 9 ∡ 128 | 2 ප් 54 | 28 M 57 | 8 ∺ 10 | 0 පි | 259543 | 23958 | 4 8 27 | 9 ₥ 27 | S 31 |

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|------|----------|--------------------|------------------|---------------|---------------|----------------|----------------|---------------|----------------|---------------|---------------|--------|-------|---------------|-----------------|------|
| S 1 | 22 43 56 | 10 m) 0'59 | 23≈ 2 | 7 ₽ 19 | 27°R20 | 6耳59 | 9 ∡ ³32 | 2°R53 | 28 M 58 | 8°R 8 | 0°R 6 | 25°R40 | 23955 | 4 8 33 | 9 m 35 | S 1 |
| M 2 | 22 47 53 | 10°58'31 | 5) (40 | 8°20 | 26€51 | 7°34 | 9°37 | 2 る 53 | 29° 0 | 8 ∺ 7 | 0궁 5 | 25935 | 23°52 | 4°40 | 9°43 | M 2 |
| T 3 | 22 51 49 | 11°56'04 | 18° 7 | 9°17 | 26°24 | 8° 9 | 9°42 | 2°53 | 29° 1 | 8° 5 | 0° 5 | 25°28 | 23°49 | 4°47 | 9°51 | T 3 |
| W 4 | 22 55 46 | 12°53'38 | 0 Υ 24 | 10°13 | 25°58 | 8°43 | 9°47 | 2°52 | 29° 2 | 8° 3 | 0° 5 | 25°20 | 23°45 | 4°54 | 9°58 | W 4 |
| T 5 | 22 59 42 | 13°51'13 | 12°31 | 11° 5 | 25°35 | 9°18 | 9°53 | 2°D52 | 29° 4 | 8° 2 | 0° 5 | 25°11 | 23°42 | 5° 0 | 10° 6 | T 5 |
| F 6 | 23 3 39 | 14°48'49 | 24°31 | 11°53 | 25°14 | 9°52 | 9°58 | 2°52 | 29° 6 | 8° 0 | 0° 5 | 25° 2 | 23°39 | 5° 7 | 10°14 | F 6 |
| S 7 | 23 7 35 | 15°46'27 | 6 8 25 | 12°39 | 24°55 | 10°25 | 10° 4 | 2°52 | 29° 7 | 7°58 | 0° 5 | 24°55 | 23°36 | 5°14 | 10°22 | S 7 |
| S 8 | 23 11 32 | 16°44'06 | 18°17 | 13°21 | 24°39 | 10°59 | 10°10 | 2°53 | 29° 9 | 7°57 | 0° 5 | 24°49 | 23°33 | 5°21 | 10°30 | S 8 |
| M 9 | 23 15 28 | 17°41'46 | 0 Π 9 | 14° 0 | 24°25 | 11°32 | 10°15 | 2°53 | 29°11 | 7°55 | 0°D 5 | 24°45 | 23°29 | 5°27 | 10°37 | M 9 |
| T 10 | 23 19 25 | 18°39'28 | 12° 7 | 14°34 | 24°13 | 12° 5 | 10°21 | 2°53 | 29°12 | 7°54 | 0° 5 | 24°43 | 23°26 | 5°34 | 10°45 | T 10 |
| W11 | 23 23 21 | 19°37'11 | 24°16 | 15° 4 | 24° 4 | 12°37 | 10°28 | 2°54 | 29°14 | 7°52 | 0° 5 | 24°D43 | 23°23 | 5°41 | 10°53 | W11 |
| T 12 | 23 27 18 | 20°34'56 | 6939 | 15°30 | 23°57 | 13°10 | 10°34 | 2°54 | 29°16 | 7°50 | 0° 5 | 24°44 | 23°20 | 5°47 | 11° 1 | T 12 |
| F 13 | 23 31 15 | 21°32'43 | 19°23 | 15°52 | 23°52 | 13°42 | 10°41 | 2°55 | 29°18 | 7°49 | 0° 5 | 24°R45 | 23°17 | 5°54 | 11°8 | F 13 |
| S 14 | 23 35 11 | 22°30'31 | 2 Ω 31 | 16° 8 | 23°D50 | 14°13 | 10°47 | 2°56 | 29°20 | 7°47 | 0° 5 | 24°44 | 23°14 | 6° 1 | 11°16 | S 14 |
| S 15 | 23 39 8 | 23°28'20 | 16° 6 | 16°20 | 23°51 | 14°45 | 10°54 | 2°57 | 29°22 | 7°46 | 0° 5 | 24°43 | 23°10 | 6° 8 | 11°24 | S 15 |
| M16 | 23 43 4 | 24°26'11 | 0 m) 9 | 16°26 | 23°53 | 15°16 | 11° 1 | 2°58 | 29°24 | 7°44 | 0° 5 | 24°38 | 23° 7 | 6°14 | 11°32 | M16 |
| T 17 | 23 47 1 | 25°24'04 | 14°37 | 16°R27 | 23°58 | 15°47 | 11°8 | 2°59 | 29°26 | 7°43 | 0° 5 | 24°32 | 23° 4 | 6°21 | 11°39 | T 17 |
| W18 | 23 50 57 | 26°21'58 | 29°24 | 16°22 | 24° 5 | 16°17 | 11°15 | 3° 0 | 29°28 | 7°41 | 0° 6 | 24°23 | 23° 1 | 6°28 | 11°47 | W18 |
| T 19 | 23 54 54 | 27°19'53 | 14 ≏ 24 | 16°11 | 24°15 | 16°47 | 11°22 | 3° 1 | 29°30 | 7°40 | 0° 6 | 24°14 | 22°58 | 6°34 | 11°55 | T 19 |
| F 20 | 23 58 50 | 28°17'50 | 29°26 | 15°54 | 24°26 | 17°16 | 11°30 | 3° 3 | 29°33 | 7°38 | 0° 6 | 24° 5 | 22°54 | 6°41 | 12° 2 | F 20 |
| S 21 | 0 2 47 | 29°15'48 | 14 M 21 | 15°31 | 24°39 | 17°46 | 11°38 | 3° 4 | 29°35 | 7°37 | 0° 7 | 23°57 | 22°51 | 6°48 | 12°10 | S 21 |
| S 22 | 0 6 44 | 0 ჲ 13'47 | 29° 1 | 15° 2 | 24°55 | 18°15 | 11°45 | 3° 6 | 29°37 | 7°35 | 0° 7 | 23°51 | 22°48 | 6°55 | 12°18 | S 22 |
| M23 | 0 10 40 | 1°11'47 | 13 × 21 | 14°27 | 25°12 | 18°43 | 11°53 | 3° 7 | 29°40 | 7°34 | 0° 8 | 23°48 | 22°45 | 7° 1 | 12°25 | M23 |
| T 24 | 0 14 37 | 2° 9'49 | 27°19 | 13°47 | 25°32 | 19°11 | 12° 1 | 3° 9 | 29°42 | 7°32 | 0° 8 | 23°D46 | 22°42 | 7° 8 | 12°33 | T 24 |
| W25 | 0 18 33 | 3° 7'52 | 10 궁 55 | 13° 1 | 25°53 | 19°39 | 12° 9 | 3°11 | 29°44 | 7°31 | 0° 9 | 23°46 | 22°39 | 7°15 | 12°40 | W25 |
| T 26 | 0 22 30 | 4° 5'56 | 24°12 | 12°11 | 26°15 | 20° 6 | 12°17 | 3°13 | 29°47 | 7°29 | 0° 9 | 23°R47 | 22°35 | 7°21 | 12°48 | T 26 |
| F 27 | 0 26 26 | 5° 4'02 | 7≈10 | 11°17 | 26°40 | 20°33 | 12°26 | 3°15 | 29°49 | 7°28 | 0°10 | 23°46 | 22°32 | 7°28 | 12°55 | F 27 |
| S 28 | 0 30 23 | 6° 2'09 | 19°55 | 10°20 | 27° 6 | 21° 0 | 12°34 | 3°17 | 29°52 | 7°27 | 0°10 | 23°43 | 22°29 | 7°35 | 13° 3 | S 28 |
| S 29 | 0 34 19 | 7° 0'17 | 2) 27 | 9°22 | 27°34 | 21°26 | 12°43 | 3°19 | 29°55 | 7°25 | 0°11 | 23°38 | 22°26 | 7°42 | 13°10 | S 29 |
| M30 | 0 38 16 | 7 ≙ 58'27 | 14) (49 | 8 ₾ 23 | 28 N 3 | 21 Ⅱ 51 | 12 √ 51 | 3 る 22 | 29 M 57 | 7 ∺ 24 | 0 る 12 | 23930 | 22523 | 7 8 48 | 13 M)18 | M30 |

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|--------------|--------------------|----------------------|----------------------------|----------------|----------------|-----------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|-----------------|--------------|
| T 1 | 0 42 12 | 8₾56'38 | 27) 3 | 7°R25 | 28 Ω 34 | 22 I I16 | 13 ×7 0 | 3 ට 24 | 29 TL 59 | 7°R22 | 0 궁 12 | 23°R19 | 22920 | 7 8 55 | 13 m 25 | T 1 |
| W 2 | 0 46 9 | 9°54'51 | 9Υ 9 | 6 ≏ 28 | 29° 6 | 22°41 | 13° 9 | 3°27 | 0 才 3 | 7 ∺ 21 | 0°13 | 2395 6 | 22°16 | 8° 2 | 13°32 | W 2 |
| T 3 | 0 50 6 | 10°53'05 | 21°10 | 5°35 | 29°40 | 23° 5 | 13°18 | 3°29 | 0° 5 | 7°20 | 0°14 | 22°53 | 22°13 | 8° 8 | 13°40 | T 3 |
| F 4 | 0 54 2 | 11°51'21 | 3 8 5 | 4°47 | 0 mp 15 | 23°29 | 13°27 | 3°32 | 0° 8 | 7°19 | 0°14 | 22°39 | 22°10 | 8°15 | 13°47 | F 4 |
| S 5 | 0 57 59 | 12°49'39 | 14°57 | 4° 5 | 0°51 | 23°52 | 13°37 | 3°35 | 0°11 | 7°17 | 0°15 | 22°27 | 22° 7 | 8°22 | 13°54 | S 5 |
| S 6 | 1 1 55 | 13°47'59 | 26°48 | 3°29 | 1°29 | 24°15 | 13°46 | 3°38 | 0°14 | 7°16 | 0°16 | 22°17 | 22° 4 | 8°29 | 14° 2 | S 6 |
| M 7 | 1 5 52 | 14°46'21 | 8 Ⅱ 40 | 3° 2 | 2° 8 | 24°38 | 13°55 | 3°41 | 0°17 | 7°15 | 0°17 | 22°10 | 22° 0 | 8°35 | 14° 9 | M 7 |
| T 8 | 1 9 48 | 15°44'45 | 20°36 | 2°43 | 2°48 | 24°59 | 14° 5 | 3°44 | 0°20 | 7°14 | 0°18 | 22° 6 | 21°57 | 8°42 | 14°16 | T 8 |
| W 9 | 1 13 45 | 16°43'11 | 29543 | 2°33 | 3°29 | 25°20 | 14°15 | 3°47 | 0°23 | 7°12 | 0°19 | 22° 4 | 21°54 | 8°49 | 14°23 | W 9 |
| T 10 F 11 | 1 17 41 1 21 38 | 17°41'39 18°40'09 | 15° 3 27°42 | 2°D33 2°42 | 4°11 4°54 | 25°41 26° 1 | 14°24 14°34 | 3°50 3°53 | 0°26 0°29 | 7°11 7°10 | 0°20 0°21 | 22° 3 22° 3 | 21°51 21°48 | 8°55 9° 2 | 14°30 14°37 | T 10 F 11 |
| S 12 | 1 21 38 | 18 40 09 19°38'41 | 10 Ω 46 | 3° 0 | 5°38 | 26°21 | 14°44 | 3°57 | 0°32 | 7° 9 | 0°21 | 22° 2 | 21°45 | 9° 9 | 14°37 | S 12 |
| | | | | | | _ | | | | | | | | | | |
| S 13 | 1 29 31 | 20°37'16 | 24°17 | 3°28 | 6°23 | 26°40 | 14°54 | 4° 0 | 0°35 | 7° 8 | 0°23 | 22° 0 | 21°41 | 9°16 | 14°51 | S 13 |
| M14 | 1 33 28 | 21°35'52 | 8 Mp 18 | 4° 5 | 7° 9 | 26°58 | 15° 4 | 4° 4 4° 7 | 0°38 | 7° 7 7° 6 | 0°24 | 21°55 | 21°38 | 9°22 | 14°58 15° 5 | M14 |
| T 15 W16 | 1 37 24 | 22°34'30 23°33'11 | 22°49 7 Ω 44 | 4°51 5°45 | 7°56 8°44 | 27°16 27°33 | 15°15 15°25 | 4° / 4°11 | 0°41 0°44 | 7° 6 7° 5 | 0°25 0°26 | 21°47 21°37 | 21°35 21°32 | 9°29 9°36 | 15° 5 15°12 | T 15 W16 |
| T 17 | 1 41 21 1 45 17 | 23°33'11 24°31'53 | 22°56 | 6°46 | 9°32 | 27°49 | 15°25 | 4°15 | 0°47 | 7° 4 | 0°28 | 21°26 | 21°29 | 9°42 | 15°12 | T 17 |
| F 18 | 1 49 14 | 25°30'38 | 8ML14 | 7°54 | 10°22 | 28° 5 | 15°46 | 4°19 | 0°50 | 7° 3 | 0°29 | 21°15 | 21°25 | 9°49 | 15°25 | F 18 |
| S 19 | 1 53 10 | 26°29'24 | 23°26 | 9° 9 | 11°12 | 28°20 | 15°57 | 4°23 | 0°54 | 7° 2 | 0°30 | 21° 5 | 21°22 | 9°56 | 15°32 | S 19 |
| S 20 | 1 57 7 | 27°28'12 | 8 × ⁷ 23 | 10°29 | 12° 3 | 28°34 | 16° 7 | 4°27 | 0°57 | 7° 1 | 0°31 | 20°58 | 21°19 | 10° 3 | 15°39 | S 20 |
| M21 | 2 1 4 | 28°27'01 | 22°58 | 10°29 | 12°54 | 28°48 | 16°18 | 4°31 | 1° 0 | 7° 0 | 0°33 | 20°53 | 21°16 | 10° 9 | 15°45 | M21 |
| T 22 | 2 5 0 | 29°25'53 | 7 궁 6 | 13°23 | 13°47 | 29° 1 | 16°29 | 4°35 | 1° 4 | 6°59 | 0°34 | 20°51 | 21°13 | 10°16 | 15°52 | T 22 |
| W23 | 2 8 57 | 0M24'46 | 20°46 | 14°56 | 14°40 | 29°13 | 16°40 | 4°39 | 1° 7 | 6°59 | 0°35 | 20°D51 | 21°10 | 10°23 | 15°58 | W23 |
| T 24 | 2 12 53 | 1°23'40 | 4≈ 2 | 16°32 | 15°33 | 29°25 | 16°51 | 4°44 | 1°10 | 6°58 | 0°37 | 20°R51 | 21° 6 | 10°30 | 16° 5 | T 24 |
| F 25 | 2 16 50 | 2°22'37 | 16°56 | 18°11 | 16°27 | 29°36 | 17° 2 | 4°48 | 1°14 | 6°57 | 0°38 | 20°50 | 21° 3 | 10°36 | 16°11 | F 25 |
| S 26 | 2 20 46 | 3°21'35 | 29°32 | 19°52 | 17°22 | 29°46 | 17°13 | 4°53 | 1°17 | 6°56 | 0°40 | 20°48 | 21° 0 | 10°43 | 16°17 | S 26 |
| S 27 | 2 24 43 | 4°20'34 | 11) (54 | 21°34 | 18°18 | 29°55 | 17°25 | 4°57 | 1°21 | 6°56 | 0°41 | 20°42 | 20°57 | 10°50 | 16°24 | S 27 |
| M28 | 2 28 39 | 5°19'35 | 24° 5 | 23°18 | 19°13 | 0ණ 3 | 17°36 | 5° 2 | 1°24 | 6°55 | 0°43 | 20°34 | 20°54 | 10°56 | 16°30 | M28 |
| T 29 | 2 32 36 | 6°18'38 | 6 Ƴ 9 | 25° 2 | 20°10 | 0°11 | 17°47 | 5° 6 | 1°28 | 6°54 | 0°44 | 20°24 | 20°51 | 11° 3 | 16°36 | T 29 |
| W30 | 2 36 32 | 7°17'43 | 18° 8 | 26°47 | 21° 7 | 0°18 | 17°59 | <u>5°11</u> | 1°31 | 6°54 | <u>0°46</u> | 20°11 | 20°47 | 11°10 | 16°42 | W30 |
| T 31 | 2 40 29 | 8 M .16'50 | 0 8 2 | 28 ≏ 33 | 22 mg 5 | 09୍ଦ24 | 18 × 10 | 5 ට 16 | 1 ∡ 35 | 6 ∺ 53 | 0 궁 47 | 19958 | 209544 | 11 8 16 | 16 M)48 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ [™] | 4 | ħ |)ұ(| ¥ | Р | n | v | Ç | ę, | Day |
|--------------|--------------------|------------------------------|-------------------------|-------------------------|----------------|-----------------|-----------------------------|---------------|----------------|---------------|---------------|-----------------|----------------|----------------|-----------------|--------------|
| F 1 | 2 44 26 | 9 M 15'59 | 11 8 55 | 0 M .19 | 23 m/ 3 | 09329 | 18 ₹ 22 | 5 る 21 | 1 ₹ 38 | 6°R53 | 0 궁 49 | 19°R45 | 209541 | 11823 | 16 M 54 | F 1 |
| S 2 | 2 48 22 | 10°15'09 | 23°47 | 2° 4 | 24° 1 | 0°34 | 18°34 | 5°26 | 1°42 | 6 ∺ 52 | 0°51 | 19933 | 20°38 | 11°30 | 17° 0 | S 2 |
| S 3 | 2 52 19 | 11°14'22 | 5 Ⅱ 39 | 3°50 | 25° 0 | 0°38 | 18°45 | 5°31 | 1°45 | 6°52 | 0°52 | 19°23 | 20°35 | 11°37 | 17° 6 | S 3 |
| M 4 | 2 56 15 | 12°13'37 | 17°34 | 5°35 | 26° 0 | 0°40 | 18°57 | 5°36 | 1°49 | 6°51 | 0°54 | 19°16 | 20°31 | 11°43 | 17°12 | M 4 |
| T 5 | 3 0 12 | 13°12'54 | 29°35 | 7°20 | 26°59 | 0°42 | 19° 9 | 5°41 | 1°52 | 6°51 | 0°56 | 19°11 | 20°28 | 11°50 | 17°17 | T 5 |
| W 6 | 3 4 8 | 14°12'13 | 119543 | 9° 5 | 28° 0 | 0°43 | 19°21 | 5°47 | 1°56 | 6°50 | 0°57 | 19° 9 | 20°25 | 11°57 | 17°23 | W 6 |
| T 7 | 3 8 5 | 15°11'35 | 24° 5 | 10°49 | 29° 0 | 0°R43 | 19°33 | 5°52 | 2° 0 | 6°50 | 0°59 | 19°D 9 | 20°22 | 12° 3 | 17°28 | T 7 |
| F 8 | 3 12 1 | 16°10'58 | 6 Ω 42 | 12°33 | 0 <u>₽</u> 2 | 0°43 | 19°45 | 5°57 | 2° 3 2° 7 | 6°50 | 1° 1 | 19°10 | 20°19 | 12°10 | 17°34 | F 8 |
| S 9 | 3 15 58 | 17°10'24 | 19°41 | 14°16 | 1° 3 | 0°41 | 19°57 | 6° 3 | | 6°49 | 1° 3 | 19°R10 | 20°16 | 12°17 | 17°39 | S 9 |
| S 10 | 3 19 55 | 18° 9'52 | 3 m 5 | 15°59 | 2° 5 | 0°38 | 20° 9 | 6° 8 | 2°11 | 6°49 | 1° 4 | 19° 9 | 20°12 | 12°24 | 17°45 | S 10 |
| M11 | 3 23 51 | 19° 9'22 | 16°57 | 17°41 | 3° 7 | 0°35 | 20°22 | 6°14 | 2°14 | 6°49 | 1° 6 | 19° 6 | 20° 9 | 12°30 | 17°50 | M11 |
| T 12 | 3 27 48 | 20° 8'55 | 1 ≙ 17 | 19°22 | 4°10 | 0°31 | 20°34 | 6°19 | 2°18 | 6°49 | 1° 8 | 19° 0 | 20° 6 | 12°37 | 17°55 | T 12 |
| W13 | 3 31 44 | 21° 8'29 | 16° 3 | 21° 3 | 5°13 | 0°25 | 20°46 | 6°25 | 2°22 | 6°48 | 1°10 | 18°53 | 20° 3 | 12°44 | 18° 0 | W13 |
| T 14 F 15 | 3 35 41 3 39 37 | 22° 8'06 23° 7'45 | 1 M .10 16°26 | 22°43 24°22 | 6°16 7°20 | 0°19 0°12 | 20°59 21°11 | 6°31 6°36 | 2°25 2°29 | 6°48 6°48 | 1°12 1°14 | 18°44 18°36 | 20° 0 19°57 | 12°50 12°57 | 18° 5 18°10 | T 14 F 15 |
| S 16 | 3 43 34 | 23 / 43 24° 7'26 | 16 26 1 × 743 | 24° 22 26° 1 | 8°24 | 0° 4 | 21°24 | 6°42 | 2°33 | 6°48 | 1°16 | 18°28 | 19°53 | 12 37 13° 4 | 18°15 | S 16 |
| | | | | - | | | | | | | | | | | | |
| S 17 | 3 47 30 | 25° 7'09 | 16°48 | 27°40 | 9°28 | 29 I I55 | 21°36 | 6°48 | 2°37 | 6°D48 | 1°18 | 18°22 | 19°50 | 13°11 | 18°20 | S 17 |
| M18 T 19 | 3 51 27 3 55 24 | 26° 6'54 27° 6'40 | 1 る 34 15°53 | 29°18 0 × 755 | 10°33 11°38 | 29°46 29°35 | 21°49 22° 2 | 6°54 7° 0 | 2°40 2°44 | 6°48 6°48 | 1°20 1°22 | 18°19 18°D17 | 19°47 19°44 | 13°17 13°24 | 18°24 18°29 | M18 T 19 |
| W20 | 3 59 20 | 27 640 28° 6'28 | 29°43 | 2°32 | 12°43 | 29°23 | 22°14 | 7° 6 | 2°48 | 6°48 | 1°24 | 18°18 | 19 44 19°41 | 13°24 13°31 | 18°34 | W20 |
| T 21 | 4 3 17 | 29° 6'18 | 13 ≈ 6 | 4° 8 | 13°48 | 29°11 | 22°27 | 7°12 | 2°52 | 6°48 | 1°26 | 18°19 | 19°37 | 13°37 | 18°38 | T 21 |
| F 22 | 4 7 13 | 0 x ¹ 6'09 | 26° 4 | 5°44 | 14°54 | 28°58 | 22°40 | 7°18 | 2°55 | 6°48 | 1°28 | 18°R20 | 19°34 | 13°44 | 18°42 | F 22 |
| S 23 | 4 11 10 | 1° 6'01 | 8) (41 | 7°19 | 16° 0 | 28°44 | 22°53 | 7°24 | 2°59 | 6°49 | 1°30 | 18°20 | 19°31 | 13°51 | 18°47 | S 23 |
| S 24 | 4 15 6 | 2° 5'56 | 21° 0 | 8°54 | 17° 6 | 28°30 | 23° 5 | 7°31 | 3° 3 | 6°49 | 1°32 | 18°18 | 19°28 | 13°58 | 18°51 | S 24 |
| M25 | 4 19 3 | 3° 5'51 | 3Υ 8 | 10°28 | 18°12 | 28°14 | 23°18 | 7°37 | 3° 7 | 6°49 | 1°34 | 18°14 | 19°25 | 14° 4 | 18°55 | M25 |
| T 26 | 4 23 0 | 4° 5'49 | 15° 6 | 12° 2 | 19°19 | 27°58 | 23°31 | 7°43 | 3°11 | 6°49 | 1°36 | 18° 8 | 19°22 | 14°11 | 18°59 | T 26 |
| W27 | 4 26 56 | 5° 5'48 | 27° 0 | 13°36 | 20°26 | 27°42 | 23°44 | 7°50 | 3°14 | 6°50 | 1°38 | 18° 0 | 19°18 | 14°18 | 19° 3 | W27 |
| T 28 | 4 30 53 | 6° 5'48 | 8 8 52 | 15° 9 | 21°33 | 27°24 | 23°57 | 7°56 | 3°18 | 6°50 | 1°40 | 17°52 | 19°15 | 14°24 | 19° 6 | T 28 |
| F 29 | 4 34 49 | 7° 5'51 | 20°44 | 16°42 | 22°40 | 27° 6 | 24°10 | <u>8°</u> 2 | 3°22 | 6°50 | <u>1°42</u> | 17°44 | 19°12 | 14°31 | 19°10 | F 29 |
| S 30 | 4 38 46 | 8 ৵ 5'55 | 2 Ⅱ 38 | 18 × 14 | 23 ≙ 47 | 26 Ⅱ 48 | 24 × ⁷ 23 | 8 ට 9 | 3 ∡ 726 | 6 米 51 | 1 ろ 45 | 17937 | 1995 9 | 14 8 38 | 19 M p14 | S 30 |

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|------|---------|-------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|--------|--------|----------------|-----------------|------|
| S 1 | 4 42 42 | 9 ∡ ¹ 6'01 | 14∏36 | 19 .7 46 | 24 ♀ 55 | 26°R29 | 24 × 36 | 8 궁 15 | 3 ∡ 729 | 6 ¥ 51 | 1 る 47 | 17°R31 | 1995 6 | 14 8 45 | 19 m)17 | S 1 |
| M 2 | 4 46 39 | 10° 6'08 | 26°39 | 21°18 | 26° 3 | 26耳 9 | 24°49 | 8°22 | 3°33 | 6°52 | 1°49 | 179527 | 19° 3 | 14°51 | 19°21 | M 2 |
| T 3 | 4 50 35 | 11° 6'18 | 8950 | 22°49 | 27°11 | 25°49 | 25° 3 | 8°28 | 3°37 | 6°52 | 1°51 | 17°25 | 18°59 | 14°58 | 19°24 | T 3 |
| W 4 | 4 54 32 | 12° 6'29 | 21° 9 | 24°20 | 28°20 | 25°28 | 25°16 | 8°35 | 3°41 | 6°53 | 1°53 | 17°D24 | 18°56 | 15° 5 | 19°27 | W 4 |
| T 5 | 4 58 29 | 13° 6'42 | 3 Ω 40 | 25°50 | 29°28 | 25° 8 | 25°29 | 8°42 | 3°44 | 6°53 | 1°56 | 17°25 | 18°53 | 15°11 | 19°30 | T 5 |
| F 6 | 5 2 25 | 14° 6'57 | 16°24 | 27°21 | 0 M 37 | 24°47 | 25°42 | 8°48 | 3°48 | 6°54 | 1°58 | 17°27 | 18°50 | 15°18 | 19°33 | F 6 |
| S 7 | 5 6 22 | 15° 7'14 | 29°26 | 28°50 | 1°46 | 24°25 | 25°55 | 8°55 | 3°52 | 6°55 | 2° 0 | 17°28 | 18°47 | 15°25 | 19°36 | S 7 |
| S 8 | 5 10 18 | 16° 7'33 | 12 m 47 | 0る20 | 2°55 | 24° 3 | 26° 9 | 9° 2 | 3°55 | 6°55 | 2° 2 | 17°R29 | 18°43 | 15°32 | 19°39 | S 8 |
| M 9 | 5 14 15 | 17° 7'53 | 26°30 | 1°49 | 4° 4 | 23°42 | 26°22 | 9° 9 | 3°59 | 6°56 | 2° 5 | 17°29 | 18°40 | 15°38 | 19°42 | M 9 |
| T 10 | 5 18 11 | 18° 8'16 | 10 ≏ 37 | 3°18 | 5°13 | 23°20 | 26°35 | 9°15 | 4° 3 | 6°57 | 2° 7 | 17°27 | 18°37 | 15°45 | 19°45 | T 10 |
| W11 | 5 22 8 | 19° 8'40 | 25° 5 | 4°46 | 6°23 | 22°58 | 26°49 | 9°22 | 4° 6 | 6°57 | 2° 9 | 17°24 | 18°34 | 15°52 | 19°47 | W11 |
| T 12 | 5 26 4 | 20° 9'06 | 9 M .51 | 6°14 | 7°33 | 22°35 | 27° 2 | 9°29 | 4°10 | 6°58 | 2°11 | 17°21 | 18°31 | 15°58 | 19°50 | T 12 |
| F 13 | 5 30 1 | 21° 9'34 | 24°49 | 7°41 | 8°42 | 22°13 | 27°15 | 9°36 | 4°14 | 6°59 | 2°14 | 17°17 | 18°28 | 16° 5 | 19°52 | F 13 |
| S 14 | 5 33 58 | 22°10'04 | 9 × 751 | 9° 8 | 9°52 | 21°52 | 27°29 | 9°43 | 4°17 | 7° 0 | 2°16 | 17°13 | 18°24 | 16°12 | 19°54 | S 14 |
| S 15 | 5 37 54 | 23°10'35 | 24°48 | 10°34 | 11° 3 | 21°30 | 27°42 | 9°50 | 4°21 | 7° 1 | 2°18 | 17°11 | 18°21 | 16°18 | 19°56 | S 15 |
| M16 | 5 41 51 | 24°11'08 | 9 ට 30 | 12° 0 | 12°13 | 21° 8 | 27°55 | 9°57 | 4°25 | 7° 2 | 2°21 | 17°10 | 18°18 | 16°25 | 19°58 | M16 |
| T 17 | 5 45 47 | 25°11'42 | 23°52 | 13°25 | 13°23 | 20°47 | 28° 9 | 10° 4 | 4°28 | 7° 3 | 2°23 | 17°D10 | 18°15 | 16°32 | 20° 0 | T 17 |
| W18 | 5 49 44 | 26°12'17 | 7≈50 | 14°48 | 14°34 | 20°26 | 28°22 | 10°11 | 4°32 | 7° 4 | 2°25 | 17°10 | 18°12 | 16°39 | 20° 2 | W18 |
| T 19 | 5 53 40 | 27°12'53 | 21°20 | 16°11 | 15°45 | 20° 5 | 28°35 | 10°18 | 4°35 | 7° 5 | 2°28 | 17°12 | 18° 9 | 16°45 | 20° 3 | T 19 |
| F 20 | 5 57 37 | 28°13'31 | 4 ∺ 25 | 17°33 | 16°55 | 19°45 | 28°49 | 10°25 | 4°39 | 7° 6 | 2°30 | 17°13 | 18° 5 | 16°52 | 20° 5 | F 20 |
| S 21 | 6 1 33 | 29°14'09 | 17° 7 | 18°54 | 18° 6 | 19°25 | 29° 2 | 10°32 | 4°42 | 7° 7 | 2°32 | 17°15 | 18° 2 | 16°59 | 20° 6 | S 21 |
| S 22 | 6 5 30 | 0 궁 14'49 | 29°31 | 20°13 | 19°17 | 19° 5 | 29°16 | 10°39 | 4°46 | 7° 8 | 2°35 | 17°R15 | 17°59 | 17° 5 | 20° 8 | S 22 |
| M23 | 6 9 27 | 1°15'29 | 11 Y 39 | 21°30 | 20°28 | 18°46 | 29°29 | 10°46 | 4°49 | 7° 9 | 2°37 | 17°15 | 17°56 | 17°12 | 20° 9 | M23 |
| T 24 | 6 13 23 | 2°16'10 | 23°37 | 22°46 | 21°40 | 18°28 | 29°42 | 10°53 | 4°53 | 7°11 | 2°39 | 17°14 | 17°53 | 17°19 | 20°10 | T 24 |
| W25 | 6 17 20 | 3°16'53 | 5 8 30 | 23°59 | 22°51 | 18°10 | 29°56 | 11° 0 | 4°56 | 7°12 | 2°42 | 17°12 | 17°49 | 17°26 | 20°11 | W25 |
| T 26 | 6 21 16 | 4°17'36 | 17°21 | 25°10 | 24° 2 | 17°53 | 0る 9 | 11° 7 | 5° 0 | 7°13 | 2°44 | 17°10 | 17°46 | 17°32 | 20°12 | T 26 |
| F 27 | 6 25 13 | 5°18'20 | 29°14 | 26°17 | 25°14 | 17°37 | 0°23 | 11°14 | 5° 3 | 7°14 | 2°46 | 17° 8 | 17°43 | 17°39 | 20°13 | F 27 |
| S 28 | 6 29 9 | 6°19'06 | 11 II 12 | 27°22 | 26°26 | 17°21 | 0°36 | 11°21 | 5° 7 | 7°16 | 2°48 | 17° 6 | 17°40 | 17°46 | 20°13 | S 28 |
| S 29 | 6 33 6 | 7°19'52 | 23°17 | 28°22 | 27°37 | 17° 6 | 0°49 | 11°28 | 5°10 | 7°17 | 2°51 | 17° 5 | 17°37 | 17°52 | 20°14 | S 29 |
| M30 | 6 37 3 | 8°20'39 | 5932 | 29°18 | 28°49 | 16°51 | 1° 3 | 11°35 | 5°13 | 7°18 | 2°53 | 17° 4 | 17°34 | 17°59 | 20°14 | M30 |
| T 31 | 6 40 59 | 9 ට 21'28 | 179557 | 0≈ 9 | 0 才 1 | 16 Ⅱ 38 | 1 ਰ 16 | 11 る 42 | 5 ∡ 17 | 7 ∺ 20 | 2 る 55 | 17°D 4 | 17930 | 18 8 6 | 20 m 15 | T 31 |

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|------|---------|------------|----------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|--------|--------|----------------|-----------------|------|
| W 1 | 6 44 56 | 10 ට 22'17 | 0 Ω 34 | 0≈55 | 1 / 13 | 16°R25 | 1る29 | 11 る 50 | 5 ₹ 20 | 7) €21 | 2 ප් 58 | 1795 4 | 179527 | 18812 | 20 m 15 | W 1 |
| T 2 | 6 48 52 | 11°23'08 | 13°24 | 1°33 | 2°25 | 16耳13 | 1°43 | 11°57 | 5°23 | 7°22 | 3° 0 | 17° 5 | 17°24 | 18°19 | 20°R15 | T 2 |
| F 3 | 6 52 49 | 12°23'59 | 26°26 | 2° 5 | 3°37 | 16° 1 | 1°56 | 12° 4 | 5°26 | 7°24 | 3° 2 | 17° 5 | 17°21 | 18°26 | 20°15 | F 3 |
| S 4 | 6 56 45 | 13°24'52 | 9 m 43 | 2°28 | 4°50 | 15°51 | 2° 9 | 12°11 | 5°29 | 7°25 | 3° 5 | 17° 6 | 17°18 | 18°33 | 20°15 | S 4 |
| S 5 | 7 0 42 | 14°25'45 | 23°13 | 2°42 | 6° 2 | 15°41 | 2°23 | 12°18 | 5°33 | 7°27 | 3° 7 | 17° 6 | 17°15 | 18°39 | 20°15 | S 5 |
| M 6 | 7 4 38 | 15°26'40 | 6 ≏ 58 | 2°R46 | 7°15 | 15°32 | 2°36 | 12°25 | 5°36 | 7°29 | 3° 9 | 17° 6 | 17°11 | 18°46 | 20°14 | M 6 |
| T 7 | 7 8 3 5 | 16°27'36 | 20°57 | 2°40 | 8°27 | 15°24 | 2°49 | 12°32 | 5°39 | 7°30 | 3°12 | 17° 6 | 17° 8 | 18°53 | 20°14 | T 7 |
| W 8 | 7 12 32 | 17°28'33 | 5 M 9 | 2°22 | 9°40 | 15°16 | 3° 2 | 12°39 | 5°42 | 7°32 | 3°14 | 17° 6 | 17° 5 | 18°59 | 20°13 | W 8 |
| T 9 | 7 16 28 | 18°29'31 | 19°33 | 1°52 | 10°52 | 15°10 | 3°16 | 12°47 | 5°45 | 7°33 | 3°16 | 17° 6 | 17° 2 | 19° 6 | 20°13 | T 9 |
| F 10 | 7 20 25 | 19°30'30 | 4 才 4 | 1°11 | 12° 5 | 15° 4 | 3°29 | 12°54 | 5°48 | 7°35 | 3°18 | 17° 6 | 16°59 | 19°13 | 20°12 | F 10 |
| S 11 | 7 24 21 | 20°31'30 | 18°38 | 0°19 | 13°18 | 14°59 | 3°42 | 13° 1 | 5°51 | 7°37 | 3°21 | 17° 7 | 16°55 | 19°19 | 20°11 | S 11 |
| S 12 | 7 28 18 | 21°32'31 | 3 ਰ 10 | 29 ਰ 17 | 14°31 | 14°55 | 3°55 | 13° 8 | 5°54 | 7°38 | 3°23 | 17° 7 | 16°52 | 19°26 | 20°10 | S 12 |
| M13 | 7 32 14 | 22°33'32 | 17°34 | 28° 6 | 15°44 | 14°52 | 4° 8 | 13°15 | 5°57 | 7°40 | 3°25 | 17°R 7 | 16°49 | 19°33 | 20° 9 | M13 |
| T 14 | 7 36 11 | 23°34'35 | 1≈44 | 26°49 | 16°57 | 14°50 | 4°21 | 13°22 | 5°59 | 7°42 | 3°27 | 17° 7 | 16°46 | 19°40 | 20° 8 | T 14 |
| W15 | 7 40 7 | 24°35'37 | 15°36 | 25°27 | 18°10 | 14°48 | 4°34 | 13°29 | 6° 2 | 7°44 | 3°30 | 17° 6 | 16°43 | 19°46 | 20° 6 | W15 |
| T 16 | 7 44 4 | 25°36'40 | 29° 6 | 24° 5 | 19°23 | 14°D47 | 4°47 | 13°36 | 6° 5 | 7°45 | 3°32 | 17° 5 | 16°40 | 19°53 | 20° 5 | T 16 |
| F 17 | 7 48 1 | 26°37'43 | 12) 14 | 22°43 | 20°36 | 14°47 | 5° 0 | 13°43 | 6° 8 | 7°47 | 3°34 | 17° 4 | 16°36 | 20° 0 | 20° 3 | F 17 |
| S 18 | 7 51 57 | 27°38'47 | 25° 0 | 21°26 | 21°49 | 14°48 | 5°13 | 13°50 | 6°11 | 7°49 | 3°36 | 17° 3 | 16°33 | 20° 6 | 20° 2 | S 18 |
| S 19 | 7 55 54 | 28°39'50 | 7 Ƴ 28 | 20°15 | 23° 3 | 14°50 | 5°26 | 13°57 | 6°13 | 7°51 | 3°38 | 17° 2 | 16°30 | 20°13 | 20° 0 | S 19 |
| M20 | 7 59 50 | 29°40'54 | 19°39 | 19°13 | 24°16 | 14°52 | 5°39 | 14° 4 | 6°16 | 7°53 | 3°40 | 17° 1 | 16°27 | 20°20 | 19°58 | M20 |
| T 21 | 8 3 47 | 0≈41'57 | 1839 | 18°19 | 25°29 | 14°55 | 5°52 | 14°11 | 6°18 | 7°55 | 3°42 | 17°D 0 | 16°24 | 20°26 | 19°56 | T 21 |
| W22 | 8 7 43 | 1°43'01 | 13°32 | 17°36 | 26°43 | 14°59 | 6° 4 | 14°18 | 6°21 | 7°57 | 3°45 | 17° 1 | 16°21 | 20°33 | 19°54 | W22 |
| T 23 | 8 11 40 | 2°44'05 | 25°22 | 17° 3 | 27°56 | 15° 4 | 6°17 | 14°25 | 6°23 | 7°58 | 3°47 | 17° 2 | 16°17 | 20°40 | 19°52 | T 23 |
| F 24 | 8 15 36 | 3°45'09 | 7 Ⅱ 16 | 16°41 | 29°10 | 15° 9 | 6°30 | 14°32 | 6°26 | 8° 0 8° 2 | 3°49 | 17° 3 | 16°14 | 20°47 | 19°50 | F 24 |
| S 25 | 8 19 33 | 4°46'12 | 19°17 | 16°29 | 0 궁 23 | 15°15 | 6°43 | 14°38 | 6°28 | | 3°51 | 17° 5 | 16°11 | 20°53 | 19°47 | S 25 |
| S 26 | 8 23 30 | 5°47'16 | 19528 | 16°D27 | 1°37 | 15°22 | 6°55 | 14°45 | 6°31 | 8° 4 | 3°53 | 17° 6 | 16° 8 | 21° 0 | 19°45 | S 26 |
| M27 | 8 27 26 | 6°48'20 | 13°53 | 16°33 | 2°50 | 15°29 | 7° 8 | 14°52 | 6°33 | 8° 6 | 3°55 | 17°R 7 | 16° 5 | 21° 7 | 19°42 | M27 |
| T 28 | 8 31 23 | 7°49'23 | 26°34 | 16°48 | 4° 4 | 15°37 | 7°20 | 14°59 | 6°35 | 8° 8 | 3°57 | 17° 7 | 16° 1 | 21°13 | 19°40 | T 28 |
| W29 | 8 35 19 | 8°50'27 | 9 Ω 31 | 17°10 | 5°18 | 15°46 | 7°33 | 15° 6 | 6°38 | 8°10 | 3°59 | 17° 5 | 15°58 | 21°20 | 19°37 | W29 |
| T 30 | 8 39 16 | 9°51'30 | 22°45 | 17°39 | 6°31 | 15°55 | 7°45 | 15°12 | 6°40 | 8°12 | 4° 1 | 17° 3 | 15°55 | 21°27 | 19°34 | T 30 |
| F 31 | 8 43 12 | 10≈52'33 | 6 M)14 | 18 궁 14 | 7 ح 45 | 16 II 5 | 7 궁 57 | 15 る 19 | 6 ₹ 42 | 8 ∺ 15 | 4 る 3 | 169559 | 159552 | 21 8 33 | 19 m y31 | F 31 |

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| S 1 | 8 47 9 | 11≈53'37 | 19 m 56 | 18 궁 55 | 8 궁 59 | 16 II 16 | 8 ට 10 | 15 る 26 | 6 ₹ 144 | 8): 17 | 4 ප 5 | 16°R55 | 159649 | 21840 | 19°R28 | S 1 |
| S 2 | 8 51 5 | 12°54'40 | 3 ≏ 48 | 19°41 | 10°13 | 16°27 | 8°22 | 15°32 | 6°46 | 8°19 | 4° 7 | 16952 | 15°46 | 21°47 | 19 m)25 | S 2 |
| M 3 | 8 55 2 | 13°55'44 | 17°48 | 20°31 | 11°27 | 16°39 | 8°34 | 15°39 | 6°48 | 8°21 | 4° 9 | 16°49 | 15°42 | 21°54 | 19°22 | M 3 |
| T 4 | 8 58 59 | 14°56'47 | 1 M 54 | 21°25 | 12°41 | 16°51 | 8°46 | 15°45 | 6°50 | 8°23 | 4°11 | 16°47 | 15°39 | 22° 0 | 19°19 | T 4 |
| W 5 | 9 2 5 5 | 15°57'51 | 16° 2 | 22°23 | 13°55 | 17° 4 | 8°58 | 15°52 | 6°52 | 8°25 | 4°12 | 16°D46 | 15°36 | 22° 7 | 19°15 | W 5 |
| T 6 | 9 6 52 | 16°58'55 | 0 才 12 | 23°24 | 15° 9 | 17°18 | 9°10 | 15°58 | 6°54 | 8°27 | 4°14 | 16°46 | 15°33 | 22°14 | 19°12 | T 6 |
| F 7 | 9 10 48 | 17°59'59 | 14°21 | 24°28 | 16°23 | 17°32 | 9°22 | 16° 5 | 6°56 | 8°29 | 4°16 | 16°48 | 15°30 | 22°20 | 19°8 | F 7 |
| S 8 | 9 14 45 | 19° 1'03 | 28°28 | 25°34 | 17°37 | 17°47 | 9°34 | 16°11 | 6°57 | 8°32 | 4°18 | 16°49 | 15°27 | 22°27 | 19° 5 | S 8 |
| S 9 | 9 18 41 | 20° 2'07 | 12 る 30 | 26°43 | 18°51 | 18° 2 | 9°46 | 16°18 | 6°59 | 8°34 | 4°20 | 16°R50 | 15°23 | 22°34 | 19° 1 | S 9 |
| M10 | 9 22 38 | 21° 3'10 | 26°26 | 27°54 | 20° 5 | 18°17 | 9°57 | 16°24 | 7° 1 | 8°36 | 4°21 | 16°50 | 15°20 | 22°40 | 18°57 | M10 |
| T 11 | 9 26 34 | 22° 4'13 | 10≈11 | 29° 7 | 21°19 | 18°33 | 10° 9 | 16°30 | 7° 2 | 8°38 | 4°23 | 16°48 | 15°17 | 22°47 | 18°54 | T 11 |
| W12 | 9 30 31 | 23° 5'16 | 23°44 | 0≈21 | 22°33 | 18°50 | 10°21 | 16°36 | 7° 4 | 8°40 | 4°25 | 16°44 | 15°14 | 22°54 | 18°50 | W12 |
| T 13 | 9 34 28 | 24° 6'18 | 7 ∺ 2 | 1°37 | 23°47 | 19° 7 | 10°32 | 16°42 | 7° 5 | 8°43 | 4°27 | 16°38 | 15°11 | 23° 0 | 18°46 | T 13 |
| F 14 | 9 38 24 | 25° 7'20 | 20° 3 | 2°55 | 25° 2 | 19°25 | 10°44 | 16°49 | 7° 7 | 8°45 | 4°28 | 16°31 | 15° 7 | 23° 7 | 18°42 | F 14 |
| S 15 | 9 42 21 | 26° 8'20 | 2 Ƴ 47 | 4°14 | 26°16 | 19°43 | 10°55 | 16°55 | 7° 8 | 8°47 | 4°30 | 16°24 | 15° 4 | 23°14 | 18°38 | S 15 |
| S 16 | 9 46 17 | 27° 9'20 | 15°14 | 5°34 | 27°30 | 20° 1 | 11° 6 | 17° 1 | 7°10 | 8°49 | 4°31 | 16°17 | 15° 1 | 23°21 | 18°34 | S 16 |
| M17 | 9 50 14 | 28°10'19 | 27°26 | 6°55 | 28°44 | 20°20 | 11°17 | 17° 7 | 7°11 | 8°51 | 4°33 | 16°11 | 14°58 | 23°27 | 18°30 | M17 |
| T 18 | 9 54 10 | 29°11'18 | 9 8 26 | 8°17 | 29°59 | 20°39 | 11°28 | 17°13 | 7°12 | 8°54 | 4°35 | 16° 7 | 14°55 | 23°34 | 18°25 | T 18 |
| W19 | 9 58 7 | 0 米 12'15 | 21°19 | 9°41 | 1≈13 | 20°59 | 11°39 | 17°18 | 7°13 | 8°56 | 4°36 | 16° 5 | 14°52 | 23°41 | 18°21 | W19 |
| T 20 | 10 2 3 | 1°13'11 | 3 II 9 | 11° 5 | 2°27 | 21°19 | 11°50 | 17°24 | 7°15 | 8°58 | 4°38 | 16°D 4 | 14°48 | 23°47 | 18°17 | T 20 |
| F 21 | 10 6 0 | 2°14'06 | 15° 1 | 12°30 | 3°41 | 21°40 | 12° 1 | 17°30 | 7°16 | 9° 1 | 4°39 | 16° 5 | 14°45 | 23°54 | 18°13 | F 21 |
| S 22 | 10 9 57 | 3°15'01 | 27° 1 | 13°56 | 4°56 | 22° 0 | 12°12 | 17°36 | 7°17 | 9° 3 | 4°41 | 16° 7 | 14°42 | 24° 1 | 18° 8 | S 22 |
| S 23 | 10 13 53 | 4°15'54 | 99514 | 15°23 | 6°10 | 22°22 | 12°23 | 17°41 | 7°18 | 9° 5 | 4°42 | 16° 8 | 14°39 | 24° 7 | 18° 4 | S 23 |
| M24 | 10 17 50 | 5°16'46 | 21°44 | 16°51 | 7°24 | 22°43 | 12°33 | 17°47 | 7°19 | 9° 7 | 4°43 | 16°R 8 | 14°36 | 24°14 | 17°59 | M24 |
| T 25 | 10 21 46 | 6°17'36 | 4 Ω 34 | 18°20 | 8°39 | 23° 5 | 12°44 | 17°52 | 7°19 | 9°10 | 4°45 | 16° 6 | 14°32 | 24°21 | 17°55 | T 25 |
| W26 | 10 25 43 | 7°18'26 | 17°47 | 19°49 | 9°53 | 23°28 | 12°54 | 17°58 | 7°20 | 9°12 | 4°46 | 16° 2 | 14°29 | 24°27 | 17°50 | W26 |
| T 27 | 10 29 39 | 8°19'15 | 1 m 22 | 21°20 | 11° 8 | 23°50 | 13° 4 | 18° 3 | 7°21 | 9°14 | <u>4°47</u> | 15°56 | 14°26 | 24°34 | 17°46 | T 27 |
| F 28 | 10 33 36 | 9 ∺ 20'02 | 15 M)17 | 22≈51 | 12≈22 | 24∏13 | 13 る 14 | 18 る 9 | 7 .₹ 22 | 9 米 16 | 4 ⋜ 49 | 159547 | 149523 | 24841 | 17 M p41 | F 28 |

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| S 1 | 10 37 32 | 10 ∺ 20'49 | 29 m 28 | 24≈23 | 13 ≈ 36 | 24∏36 | 13 る 25 | 18 궁 14 | 7 ,₹ 22 | 9 米 19 | 4 ප 50 | 15°R38 | 149520 | 24 8 48 | 17°R37 | S 1 |
| S 2 | 10 41 29 | 11°21'34 | 13 ≏ 50 | 25°55 | 14°51 | 25° 0 | 13°35 | 18°19 | 7°23 | 9°21 | 4°51 | 15929 | 14°17 | 24°54 | 17 m 32 | S 2 |
| M 3 | 10 45 26 | 12°22'18 | 28°16 | 27°29 | 16° 5 | 25°24 | 13°44 | 18°24 | 7°23 | 9°23 | 4°52 | 15°21 | 14°13 | 25° 1 | 17°27 | M 3 |
| T 4 | 10 49 22 | 13°23'02 | 12 M 42 | 29° 3 | 17°20 | 25°48 | 13°54 | 18°29 | 7°24 | 9°26 | 4°53 | 15°15 | 14°10 | 25° 8 | 17°23 | T 4 |
| W 5 | 10 53 19 | 14°23'45 | 27° 1 | 0) €38 | 18°34 | 26°12 | 14° 4 | 18°34 | 7°24 | 9°28 | 4°55 | 15°11 | 14° 7 | 25°14 | 17°18 | W 5 |
| T 6 | 10 57 15 | 15°24'27 | 11 × 12 | 2°14 | 19°49 | 26°37 | 14°13 | 18°39 | 7°25 | 9°30 | 4°56 | 15°D10 | 14° 4 | 25°21 | 17°13 | T 6 |
| F 7 | 11 1 12 | 16°25'08 | 25°13 | 3°51 | 21° 3 | 27° 2 | 14°23 | 18°44 | 7°25 | 9°32 | 4°57 | 15°10 | 14° 1 | 25°28 | 17° 9 | F 7 |
| S 8 | 11 5 8 | 17°25'48 | 9 궁 3 | 5°28 | 22°18 | 27°27 | 14°32 | 18°49 | 7°25 | 9°35 | 4°58 | 15°R11 | 13°58 | 25°34 | 17° 4 | S 8 |
| S 9 | 11 9 5 | 18°26'27 | 22°43 | 7° 6 | 23°32 | 27°53 | 14°41 | 18°54 | 7°26 | 9°37 | 4°59 | 15°11 | 13°54 | 25°41 | 16°59 | S 9 |
| M10 | 11 13 1 | 19°27'05 | 6≈12 | 8°45 | 24°47 | 28°18 | 14°50 | 18°58 | 7°26 | 9°39 | 5° 0 | 15° 9 | 13°51 | 25°48 | 16°55 | M10 |
| T 11 | 11 16 58 | 20°27'42 | 19°32 | 10°26 | 26° 1 | 28°44 | 14°59 | 19° 3 | 7°26 | 9°41 | 5° 1 | 15° 4 | 13°48 | 25°54 | 16°50 | T 11 |
| W12 | 11 20 55 | 21°28'18 | 2) (40 | 12° 6 | 27°16 | 29°11 | 15° 8 | 19° 7 | 7°R26 | 9°44 | 5° 1 | 14°56 | 13°45 | 26° 1 | 16°45 | W12 |
| T 13 | 11 24 51 | 22°28'52 | 15°38 | 13°48 | 28°30 | 29°37 | 15°17 | 19°12 | 7°26 | 9°46 | 5° 2 | 14°46 | 13°42 | 26° 8 | 16°40 | T 13 |
| F 14 | 11 28 48 | 23°29'25 | 28°23 | 15°31 | 29°45 | 095 4 | 15°26 | 19°16 | 7°26 | 9°48 | 5° 3 | 14°34 | 13°38 | 26°14 | 16°36 | F 14 |
| S 15 | 11 32 44 | 24°29'56 | 10 Y 56 | 17°14 | 0 ∺ 59 | 0°31 | 15°34 | 19°20 | 7°26 | 9°50 | 5° 4 | 14°21 | 13°35 | 26°21 | 16°31 | S 15 |
| S 16 | 11 36 41 | 25°30'26 | 23°16 | 18°59 | 2°14 | 0°58 | 15°43 | 19°25 | 7°25 | 9°53 | 5° 5 | 14° 8 | 13°32 | 26°28 | 16°27 | S 16 |
| M17 | 11 40 37 | 26°30'54 | 5 8 24 | 20°44 | 3°28 | 1°25 | 15°51 | 19°29 | 7°25 | 9°55 | 5° 5 | 13°57 | 13°29 | 26°35 | 16°22 | M17 |
| T 18 | 11 44 34 | 27°31'21 | 17°22 | 22°31 | 4°43 | 1°53 | 15°59 | 19°33 | 7°25 | 9°57 | 5° 6 | 13°48 | 13°26 | 26°41 | 16°17 | T 18 |
| W19 | 11 48 30 | 28°31'46 | 29°13 | 24°18 | 5°58 | 2°21 | 16° 7 | 19°37 | 7°24 | 9°59 | 5° 7 | 13°41 | 13°23 | 26°48 | 16°13 | W19 |
| T 20 | 11 52 27 | 29°32'09 | 11 II 2 | 26° 7 | 7°12 | 2°49 | 16°15 | 19°41 | 7°24 | 10° 1 | 5° 7 | 13°37 | 13°19 | 26°55 | 16° 8 | T 20 |
| F 21 | 11 56 23 | 0 Υ 32'30 | 22°52 | 27°56 | 8°27 | 3°17 | 16°22 | 19°44 | 7°24 | 10° 3 | 5° 8 | 13°36 | 13°16 | 27° 1 | 16° 4 | F 21 |
| S 22 | 12 0 20 | 1°32'50 | 4950 | 29°46 | 9°41 | 3°45 | 16°30 | 19°48 | 7°23 | 10° 6 | 5° 9 | 13°D36 | 13°13 | 27° 8 | 15°59 | S 22 |
| S 23 | 12 4 17 | 2°33'08 | 17° 0 | 1 Y 37 | 10°56 | 4°14 | 16°37 | 19°52 | 7°23 | 10° 8 | 5° 9 | 13°R36 | 13°10 | 27°15 | 15°55 | S 23 |
| M24 | 12 8 13 | 3°33'23 | 29°28 | 3°29 | 12°10 | 4°42 | 16°45 | 19°55 | 7°22 | 10°10 | 5°10 | 13°35 | 13° 7 | 27°21 | 15°51 | M24 |
| T 25 | 12 12 10 | 4°33'37 | 12 \O 20 | 5°22 | 13°25 | 5°11 | 16°52 | 19°59 | 7°21 | 10°12 | 5°10 | 13°32 | 13° 4 | 27°28 | 15°46 | T 25 |
| W26 | 12 16 6 | 5°33'49 | 25°37 | 7°16 | 14°39 | 5°40 | 16°59 | 20° 2 | 7°21 | 10°14 | 5°11 | 13°27 | 13° 0 | 27°35 | 15°42 | W26 |
| T 27 | 12 20 3 | 6°33'59 | 9 ₥ 22 | 9°11 | 15°54 | 6°10 | 17° 6 | 20° 5 | 7°20 | 10°16 | 5°11 | 13°19 | 12°57 | 27°41 | 15°38 | T 27 |
| F 28 | 12 23 59 | 7°34'07 | 23°34 | 11° 6 | 17° 8 | 6°39 | 17°12 | 20° 9 | 7°19 | 10°18 | 5°11 | 13° 8 | 12°54 | 27°48 | 15°34 | F 28 |
| S 29 | 12 27 56 | 8°34'13 | 8 요 7 | 13° 2 | 18°23 | 7° 8 | 17°19 | 20°12 | 7°18 | 10°20 | 5°12 | 12°56 | 12°51 | 27°55 | 15°30 | S 29 |
| S 30 | 12 31 52 | 9°34'18 | 22°55 | 14°58 | 19°38 | 7°38 | 17°25 | 20°15 | 7°17 | 10°22 | 5°12 | 12°45 | 12°48 | 28° 1 | 15°25 | S 30 |
| M31 | 12 35 49 | 10 ° 34'21 | 7 M 49 | 16 Y 55 | 20 米 52 | 89 89 | 17 る 32 | 20 궁 18 | 7 ,7 16 | 10 ∺ 25 | 5 る 12 | 12934 | 129544 | 28 8 8 | 15 M 21 | M31 |

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| T 1 | 12 39 46 | 11 ° 34'22 | 22 M 40 | 18 Y 52 | 22) 7 | 8938 | 17 る 38 | 20 궁 20 | 7°R15 | 10 ∺ 27 | 5 る 12 | 12°R26 | 129541 | 28815 | 15°R18 | T 1 |
| W 2 | 12 43 42 | 12°34'22 | 7 ₹ 21 | 20°49 | 23°21 | 9° 8 | 17°44 | 20°23 | 7 √ 14 | 10°29 | 5°13 | 129520 | 12°38 | 28°21 | 15 Mp 14 | W 2 |
| T 3 | 12 47 39 | 13°34'20 | 21°46 | 22°45 | 24°36 | 9°38 | 17°49 | 20°26 | 7°13 | 10°31 | 5°13 | 12°17 | 12°35 | 28°28 | 15°10 | T 3 |
| F 4 | 12 51 35 | 14°34'17 | 5 る 53 | 24°41 | 25°50 | 10° 9 | 17°55 | 20°28 | 7°12 | 10°33 | 5°13 | 12°16 | 12°32 | 28°35 | 15° 6 | F 4 |
| S 5 | 12 55 32 | 15°34'12 | 19°41 | 26°36 | 27° 5 | 10°39 | 18° 1 | 20°31 | 7°11 | 10°34 | 5°13 | 12°16 | 12°29 | 28°42 | 15° 2 | S 5 |
| S 6 | 12 59 28 | 16°34'06 | 3≈11 | 28°30 | 28°19 | 11°10 | 18° 6 | 20°33 | 7° 9 | 10°36 | 5°13 | 12°16 | 12°25 | 28°48 | 14°59 | S 6 |
| M 7 | 13 3 25 | 17°33'58 | 16°26 | 0 8 23 | 29°34 | 11°40 | 18°11 | 20°35 | 7° 8 | 10°38 | 5°R13 | 12°13 | 12°22 | 28°55 | 14°55 | M 7 |
| T 8 | 13 7 21 | 18°33'48 | 29°26 | 2°13 | 0 Υ 48 | 12°11 | 18°16 | 20°38 | 7° 7 | 10°40 | 5°13 | 12° 8 | 12°19 | 29° 2 | 14°52 | T 8 |
| W 9 | 13 11 18 | 19°33'37 | 12 米 15 | 4° 1 | 2° 3 | 12°42 | 18°21 | 20°40 | 7° 5 | 10°42 | 5°13 | 12° 0 | 12°16 | 29° 8 | 14°48 | W 9 |
| T 10 | 13 15 15 | 20°33'24 | 24°53 | 5°46 | 3°17 | 13°13 | 18°26 | 20°42 | 7° 4 | 10°44 | 5°13 | 11°49 | 12°13 | 29°15 | 14°45 | T 10 |
| F 11 | 13 19 11 | 21°33'09 | 7 Υ 20 | 7°27 | 4°32 | 13°45 | 18°30 | 20°44 | 7° 2 | 10°46 | 5°13 | 11°36 | 12° 9 | 29°22 | 14°42 | F 11 |
| S 12 | 13 23 8 | 22°32'52 | 19°38 | 9° 5 | 5°46 | 14°16 | 18°34 | 20°45 | 7° 1 | 10°48 | 5°12 | 11°22 | 12° 6 | 29°28 | 14°39 | S 12 |
| S 13 | 13 27 4 | 23°32'34 | 1 8 47 | 10°38 | 7° 1 | 14°48 | 18°39 | 20°47 | 6°59 | 10°49 | 5°12 | 11° 8 | 12° 3 | 29°35 | 14°36 | S 13 |
| M14 | 13 31 1 | 24°32'13 | 13°48 | 12° 7 | 8°15 | 15°19 | 18°43 | 20°49 | 6°58 | 10°51 | 5°12 | 10°56 | 12° 0 | 29°42 | 14°33 | M14 |
| T 15 | 13 34 57 | 25°31'51 | 25°41 | 13°30 | 9°30 | 15°51 | 18°46 | 20°50 | 6°56 | 10°53 | 5°12 | 10°46 | 11°57 | 29°48 | 14°30 | T 15 |
| W16 | 13 38 54 | 26°31'26 | 7 Ⅱ 30 | 14°48 | 10°44 | 16°23 | 18°50 | 20°51 | 6°54 | 10°55 | 5°12 | 10°38 | 11°54 | 29°55 | 14°27 | W16 |
| T 17 | 13 42 50 | 27°31'00 | 19°18 | 16° 0 | 11°59 | 16°55 | 18°53 | 20°53 | 6°53 | 10°56 | 5°11 | 10°34 | 11°50 | 0 Π 2 | 14°24 | T 17 |
| F 18 | 13 46 47 | 28°30'31 | 195 7 | 17° 6 | 13°13 | 17°27 | 18°57 | 20°54 | 6°51 | 10°58 | 5°11 | 10°32 | 11°47 | 0° 8 | 14°21 | F 18 |
| S 19 | 13 50 43 | 29°30'00 | 13° 4 | 18° 5 | 14°27 | 17°59 | 19° 0 | 20°55 | 6°49 | 11° 0 | 5°10 | 10°D31 | 11°44 | 0°15 | 14°19 | S 19 |
| S 20 | 13 54 40 | 0 8 29'27 | 25°12 | 18°57 | 15°42 | 18°31 | 19° 3 | 20°56 | 6°47 | 11° 1 | 5°10 | 10°R32 | 11°41 | 0°22 | 14°17 | S 20 |
| M21 | 13 58 37 | 1°28'52 | 7 Ω 37 | 19°42 | 16°56 | 19° 3 | 19° 6 | 20°57 | 6°45 | 11° 3 | 5°10 | 10°31 | 11°38 | 0°28 | 14°14 | M21 |
| T 22 | 14 2 33 | 2°28'14 | 20°24 | 20°20 | 18°11 | 19°35 | 19° 8 | 20°58 | 6°43 | 11° 5 | 5° 9 | 10°30 | 11°35 | 0°35 | 14°12 | T 22 |
| W23 | 14 6 30 | 3°27'35 | 3 Mp 38 | 20°51 | 19°25 | 20° 8 | 19°11 | 20°58 | 6°41 | 11° 6 | 5° 9 | 10°26 | 11°31 | 0°42 | 14°10 | W23 |
| T 24 | 14 10 26 | 4°26'52 | 17°22 | 21°14 | 20°39 | 20°40 | 19°13 | 20°59 | 6°39 | 11° 8 | 5° 8 | 10°20 | 11°28 | 0°48 | 14° 8 | T 24 |
| F 25 | 14 14 23 | 5°26'08 | 1 ≏ 35 | 21°30 | 21°54 | 21°13 | 19°15 | 21° 0 | 6°37 | 11° 9 | 5° 7 | 10°12 | 11°25 | 0°55 | 14° 6 | F 25 |
| S 26 | 14 18 19 | 6°25'22 | 16°14 | 21°38 | 23° 8 | 21°46 | 19°17 | 21° 0 | 6°35 | 11°11 | 5° 7 | 10° 3 | 11°22 | 1° 2 | 14° 4 | S 26 |
| S 27 | 14 22 16 | 7°24'33 | 1 M .14 | 21°R40 | 24°23 | 22°19 | 19°18 | 21° 0 | 6°33 | 11°12 | 5° 6 | 9°53 | 11°19 | 1° 8 | 14° 2 | S 27 |
| M28 | 14 26 12 | 8°23'42 | 16°25 | 21°35 | 25°37 | 22°51 | 19°20 | 21° 0 | 6°31 | 11°14 | 5° 6 | 9°44 | 11°15 | 1°15 | 14° 1 | M28 |
| T 29 | 14 30 9 | 9°22'50 | 1 ₹ 36 | 21°23 | 26°51 | 23°24 | 19°21 | 21° 1 | 6°29 | 11°15 | <u>5°</u> 5 | 9°37 | 11°12 | 1°22 | 13°59 | T 29 |
| W30 | 14 34 6 | 10821'56 | 16 ₹ 38 | 218 4 | 28 Y 5 | 23957 | 19 る 22 | 21°R 1 | 6 ₹ 27 | 11 米 17 | 5ਰ 4 | 9933 | 1199 9 | 1耳29 | 13 m 58 | W30 |

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| T 1 | 14 38 2 | 11821'00 | 1පි22 | 20°R40 | 29Υ20 | 24930 | 19중23 | 21°R 0 | 6°R25 | 11) (18 | 5°R 3 | 9°R31 | 1199 6 | 1Ш35 | 13°R56 | T 1 |
| F 2 | 14 41 59 | 12°20'03 | 15°44 | 20811 | 0834 | 25° 3 | 19°24 | 21궁 0 | 6 ₹ 22 | 11°19 | 5 ට 3 | 9°D31 | 11° 3 | 1°42 | 13 m 55 | F 2 |
| S 3 | 14 45 55 | 13°19'03 | 29°42 | 19°38 | 1°48 | 25°37 | 19°24 | 21° 0 | 6°20 | 11°21 | 5° 2 | 9932 | 11° 0 | 1°49 | 13°54 | S 3 |
| S 4 | 14 49 52 | 14°18'02 | 13≈15 | 19° 0 | 3° 3 | 26°10 | 19°25 | 21° 0 | 6°18 | 11°22 | 5° 1 | 9°R32 | 10°56 | 1°55 | 13°53 | S 4 |
| M 5 | 14 53 48 | 15°17'00 | 26°28 | 18°20 | 4°17 | 26°43 | 19°R25 | 20°59 | 6°16 | 11°23 | 5° 0 | 9°31 | 10°53 | 2° 2 | 13°52 | M 5 |
| T 6 | 14 57 45 | 16°15'55 | 9 米 21 | 17°37 | 5°31 | 27°17 | 19°25 | 20°58 | 6°13 | 11°24 | 4°59 | 9°29 | 10°50 | 2° 9 | 13°51 | T 6 |
| W 7 | 15 141 | 17°14'49 | 21°58 | 16°53 | 6°45 | 27°50 | 19°25 | 20°58 | 6°11 | 11°26 | 4°58 | 9°24 | 10°47 | 2°15 | 13°51 | W 7 |
| T 8 | 15 5 38 | 18°13'42 | 4 Υ23 | 16° 9 | 8° 0 | 28°24 | 19°24 | 20°57 | 6° 8 | 11°27 | 4°57 | 9°17 | 10°44 | 2°22 | 13°50 | T 8 |
| F 9 | 15 9 35 | 19°12'32 | 16°37 | 15°24 | 9°14 | 28°57 | 19°24 | 20°56 | 6° 6 | 11°28 | 4°56 | 9° 8 | 10°41 | 2°29 | 13°49 | F 9 |
| S 10 | 15 13 31 | 20°11'21 | 28°42 | 14°41 | 10°28 | 29°31 | 19°23 | 20°55 | 6° 4 | 11°29 | 4°55 | 8°59 | 10°37 | 2°35 | 13°49 | S 10 |
| S 11 | 15 17 28 | 21°10'08 | 10841 | 14° 0 | 11°42 | oΩ 5 | 19°22 | 20°54 | 6° 1 | 11°30 | 4°54 | 8°50 | 10°34 | 2°42 | 13°49 | S 11 |
| M12 | 15 21 24 | 22° 8'53 | 22°34 | 13°21 | 12°57 | 0°39 | 19°21 | 20°53 | 5°59 | 11°31 | 4°53 | 8°41 | 10°31 | 2°49 | 13°49 | M12 |
| T 13 | 15 25 21 | 23° 7'36 | 4∏24 | 12°46 | 14°11 | 1°12 | 19°19 | 20°52 | 5°56 | 11°32 | 4°52 | 8°35 | 10°28 | 2°55 | 13°D49 | T 13 |
| W14 | 15 29 17 | 24° 6'18 | 16°12 | 12°14 | 15°25 | 1°46 | 19°18 | 20°50 | 5°54 | 11°33 | 4°51 | 8°30 | 10°25 | 3° 2 | 13°49 | W14 |
| T 15 | 15 33 14 | 25° 4'57 | 28° 0 | 11°46 | 16°39 | 2°20 | 19°16 | 20°49 | 5°51 | 11°34 | 4°50 | 8°27 | 10°21 | 3° 9 | 13°49 | T 15 |
| F 16 | 15 37 10 | 26° 3'35 | 9952 | 11°23 | 17°53 | 2°54 | 19°14 | 20°47 | 5°49 | 11°35 | 4°49 | 8°D27 | 10°18 | 3°15 | 13°49 | F 16 |
| S 17 | 15 41 7 | 27° 2'10 | 21°51 | 11° 4 | 19° 7 | 3°28 | 19°12 | 20°46 | 5°46 | 11°36 | 4°48 | 8°27 | 10°15 | 3°22 | 13°50 | S 17 |
| S 18 | 15 45 4 | 28° 0'44 | 4 Ω 1 | 10°50 | 20°22 | 4° 3 | 19°10 | 20°44 | 5°44 | 11°37 | 4°46 | 8°29 | 10°12 | 3°29 | 13°50 | S 18 |
| M19 | 15 49 0 | 28°59'15 | 16°26 | 10°41 | 21°36 | 4°37 | 19° 7 | 20°42 | 5°41 | 11°38 | 4°45 | 8°30 | 10° 9 | 3°35 | 13°51 | M19 |
| T 20 | 15 52 57 | 29°57'44 | 29°11 | 10°D37 | 22°50 | 5°11 | 19° 5 | 20°40 | 5°39 | 11°38 | 4°44 | 8°R31 | 10° 6 | 3°42 | 13°52 | T 20 |
| W21 | 15 56 53 | 0 Ⅲ 56'11 | 12 m 20 | 10°38 | 24° 4 | 5°45 | 19° 2 | 20°38 | 5°36 | 11°39 | 4°43 | 8°30 | 10° 2 | 3°49 | 13°52 | W21 |
| T 22 | 16 0 50 | 1°54'36 | 25°56 | 10°44 | 25°18 | 6°20 | 18°59 | 20°36 | 5°34 | 11°40 | 4°41 | 8°28 | 9°59 | 3°55 | 13°53 | T 22 |
| F 23 | 16 4 46 | 2°52'59 | 10 호 0 | 10°54 | 26°32 | 6°54 | 18°56 | 20°34 | 5°31 | 11°41 | 4°40 | 8°25 | 9°56 | 4° 2 | 13°55 | F 23 |
| S 24 | 16 8 43 | 3°51'20 | 24°32 | 11° 9 | 27°46 | 7°28 | 18°52 | 20°32 | 5°29 | 11°41 | 4°39 | 8°20 | 9°53 | 4° 9 | 13°56 | S 24 |
| S 25 | 16 12 39 | 4°49'39 | 9 M 27 | 11°29 | 29° 0 | 8° 3 | 18°49 | 20°29 | 5°26 | 11°42 | 4°38 | 8°15 | 9°50 | 4°15 | 13°57 | S 25 |
| M26 | 16 16 36 | 5°47'56 | 24°37 | 11°53 | 0 Ⅱ 14 | 8°37 | 18°45 | 20°27 | 5°24 | 11°43 | 4°36 | 8°11 | 9°47 | 4°22 | 13°58 | M26 |
| T 27 | 16 20 33 | 6°46'12 | 9 , ₹53 | 12°22 | 1°28 | 9°12 | 18°41 | 20°24 | 5°21 | 11°43 | 4°35 | 8° 7 | 9°43 | 4°29 | 14° 0 | T 27 |
| W28 | 16 24 29 | 7°44'26 | 25° 4 | 12°55 | 2°42 | 9°46 | 18°37 | 20°22 | 5°19 | 11°44 | 4°33 | 8° 5 | 9°40 | 4°35 | 14° 2 | W28 |
| T 29 | 16 28 26 | 8°42'38 | 10중 1 | 13°31 | 3°56 | 10°21 | 18°33 | 20°19 | 5°16 | 11°44 | 4°32 | 8°D 5 | 9°37 | 4°42 | 14° 3 | T 29 |
| F 30 | 16 32 22 | 9°40'49 | 24°37 | 14°12 | 5°10 | 10°56 | 1 <u>8</u> °29 | 20°16 | 5°14 | 11°45 | <u>4</u> °31 | 8° 5 | 9°34 | 4°49 | 14° 5 | F 30 |
| S 31 | 16 36 19 | 10 Ⅲ 38'58 | 8≈48 | 14856 | 6 Ⅱ 24 | 11 \O 30 | 18 궁 24 | 20 궁 13 | 5 ₹ 11 | 11) (45 | 4 る 29 | 8 9 5 7 | 9931 | 4 Ⅱ 55 | 14Mp 7 | S 31 |

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| S 1 | 16 40 15 | 11 II 37'06 | 22≈32 | 15 8 44 | 7 Ⅲ 38 | 12 N 5 | 18°R20 | 20°R10 | 5°R 8 | 11) (46 | 4°R28 | 8 9 8 | 99527 | 5 I I 2 | 14 m) 9 | S 1 |
| M 2 | 16 44 12 | 12°35'13 | 5) 51 | 16°35 | 8°52 | 12°40 | 18 궁 15 | 20궁 7 | 5 ₹ 6 | 11°46 | 4 궁 26 | 8° 9 | 9°24 | 5° 9 | 14°11 | M 2 |
| T 3 | 16 48 8 | 13°33'18 | 18°46 | 17°29 | 10° 6 | 13°15 | 18°10 | 20° 4 | 5° 3 | 11°46 | 4°25 | 8°R 9 | 9°21 | 5°15 | 14°14 | T 3 |
| W 4 | 16 52 5 | 14°31'22 | 1 Y 21 | 18°27 | 11°20 | 13°50 | 18° 5 | 20° 1 | 5° 1 | 11°47 | 4°23 | 8° 8 | 9°18 | 5°22 | 14°16 | W 4 |
| T 5 | 16 56 2 | 15°29'25 | 13°40 | 19°27 | 12°34 | 14°25 | 17°59 | 19°58 | 4°58 | 11°47 | 4°22 | 8° 6 | 9°15 | 5°29 | 14°18 | T 5 |
| F 6 | 16 59 58 | 16°27'26 | 25°47 | 20°31 | 13°48 | 15° 0 | 17°54 | 19°55 | 4°56 | 11°47 | 4°20 | 8° 3 | 9°12 | 5°35 | 14°21 | F 6 |
| S 7 | 17 3 55 | 17°25'26 | 7 8 45 | 21°37 | 15° 2 | 15°35 | 17°49 | 19°52 | 4°53 | 11°47 | 4°19 | 8° 0 | 9° 8 | 5°42 | 14°24 | S 7 |
| S 8 | 17 751 | 18°23'25 | 19°37 | 22°47 | 16°16 | 16°10 | 17°43 | 19°48 | 4°51 | 11°48 | 4°17 | 7°57 | 9° 5 | 5°49 | 14°26 | S 8 |
| M 9 | 17 11 48 | 19°21'22 | 1Ⅱ26 | 23°59 | 17°30 | 16°45 | 17°37 | 19°45 | 4°49 | 11°48 | 4°16 | 7°54 | 9° 2 | 5°55 | 14°29 | M 9 |
| T 10 | 17 15 44 | 20°19'19 | 13°14 | 25°13 | 18°44 | 17°20 | 17°31 | 19°41 | 4°46 | 11°48 | 4°14 | 7°52 | 8°59 | 6° 2 | 14°32 | T 10 |
| W11 | 17 19 41 | 21°17'13 | 25° 4 | 26°30 | 19°58 | 17°55 | 17°25 | 19°38 | 4°44 | 11°48 | 4°13 | 7°50 | 8°56 | 6° 9 | 14°35 | W11 |
| T 12 | 17 23 38 | 22°15'07 | 6957 | 27°50 | 21°12 | 18°30 | 17°19 | 19°34 | 4°41 | 11°48 | 4°11 | 7°D50 | 8°53 | 6°15 | 14°39 | T 12 |
| F 13 | 17 27 34 | 23°12'59 | 18°57 | 29°12 | 22°26 | 19° 5 | 17°13 | 19°30 | 4°39 | 11°R48 | 4° 9 | 7°50 | 8°49 | 6°22 | 14°42 | F 13 |
| S 14 | 17 31 31 | 24°10'49 | 1 Ω 4 | 0 Д 37 | 23°39 | 19°41 | 17° 6 | 19°26 | 4°37 | 11°48 | 4° 8 | 7°51 | 8°46 | 6°29 | 14°45 | S 14 |
| S 15 | 17 35 27 | 25° 8'38 | 13°22 | 2° 4 | 24°53 | 20°16 | 17° 0 | 19°23 | 4°34 | 11°48 | 4° 6 | 7°52 | 8°43 | 6°35 | 14°49 | S 15 |
| M16 | 17 39 24 | 26° 6'26 | 25°55 | 3°33 | 26° 7 | 20°51 | 16°53 | 19°19 | 4°32 | 11°48 | 4° 5 | 7°53 | 8°40 | 6°42 | 14°52 | M16 |
| T 17 | 17 43 20 | 27° 4'12 | 8 m 43 | 5° 5 | 27°21 | 21°27 | 16°46 | 19°15 | 4°30 | 11°48 | 4° 3 | 7°54 | 8°37 | 6°49 | 14°56 | T 17 |
| W18 | 17 47 17 | 28° 1'56 | 21°52 | 6°39 | 28°35 | 22° 2 | 16°40 | 19°11 | 4°27 | 11°48 | 4° 2 | 7°R55 | 8°33 | 6°55 | 15° 0 | W18 |
| T 19 | 17 51 13 | 28°59'39 | 5 ≏ 23 | 8°16 | 29°49 | 22°37 | 16°33 | 19° 7 | 4°25 | 11°47 | 4° 0 | 7°55 | 8°30 | 7° 2 | 15° 4 | T 19 |
| F 20 | 17 55 10 | 29°57'20 | 19°17 | 9°55 | 199 3 | 23°13 | 16°26 | 19° 3 | 4°23 | 11°47 | 3°58 | 7°54 | 8°27 | 7° 9 | 15° 7 | F 20 |
| S 21 | 17 59 7 | 0955'00 | 3 M .35 | 11°36 | 2°16 | 23°48 | 16°19 | 18°59 | 4°21 | 11°47 | 3°57 | 7°54 | 8°24 | 7°15 | 15°12 | S 21 |
| S 22 | 18 3 3 | 1°52'39 | 18°14 | 13°19 | 3°30 | 24°24 | 16°11 | 18°55 | 4°19 | 11°47 | 3°55 | 7°53 | 8°21 | 7°22 | 15°16 | S 22 |
| M23 | 18 7 0 | 2°50'16 | 3 ∡ 7 9 | 15° 5 | 4°44 | 25° 0 | 16° 4 | 18°51 | 4°16 | 11°46 | 3°53 | 7°52 | 8°18 | 7°29 | 15°20 | M23 |
| T 24 | 18 10 56 | 3°47'52 | 18°12 | 16°54 | 5°58 | 25°35 | 15°57 | 18°46 | 4°14 | 11°46 | 3°52 | 7°52 | 8°14 | 7°35 | 15°24 | T 24 |
| W25 | 18 14 53 | 4°45'27 | 3 ਰ 17 | 18°44 | 7°12 | 26°11 | 15°50 | 18°42 | 4°12 | 11°46 | 3°50 | 7°D52 | 8°11 | 7°42 | 15°29 | W25 |
| T 26 | 18 18 49 | 5°43'00 | 18°13 | 20°37 | 8°26 | 26°46 | 15°42 | 18°38 | 4°10 | 11°45 | 3°49 | 7°52 | 8° 8 | 7°49 | 15°33 | T 26 |
| F 27 | 18 22 46 | 6°40'33 | 2≈53 | 22°32 | 9°39 | 27°22 | 15°35 | 18°34 | 4° 8 | 11°45 | 3°47 | 7°52 | 8° 5 | 7°55 | 15°38 | F 27 |
| S 28 | 18 26 42 | 7°38'05 | 17°11 | 24°29 | 10°53 | 27°58 | 15°27 | 18°29 | 4° 6 | 11°44 | 3°45 | 7°R52 | 8° 2 | 8° 2 | 15°42 | S 28 |
| S 29 | 18 30 39 | 8°35'36 | 1) € 3 | 26°29 | 12° 7 | 28°33 | 15°20 | 18°25 | 4° 4 | 11°44 | 3°44 | 7°52 | 7°59 | 8° 9 | 15°47 | S 29 |
| M30 | 18 34 36 | 9933'06 | 14 米 29 | 28耳30 | 139521 | 29⋒ 9 | 15 る 12 | 18 궁 21 | 4 ₹ 2 | 11) (43 | 3 ⋜ 42 | 79 52 | 7 9 55 | 8 Ⅱ 15 | 15 m 52 | M30 |

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| T 1 | 18 38 32 | 10930'36 | 27) (30 | 0934 | 14934 | 29 Ω 45 | 15°R 5 | 18°R16 | 4°R 0 | 11°R43 | 3°R41 | 7°R52 | 7952 | 8П22 | 15 m 57 | T 1 |
| W 2 | 18 42 29 | 11°28'05 | 10 Υ 8 | 2°39 | 15°48 | 0 m 21 | 14 궁 57 | 18 궁 12 | 3 ~ 59 | 11) 42 | 3 궁 39 | 7°D52 | 7°49 | 8°29 | 16° 2 | W 2 |
| T 3 | 18 46 25 | 12°25'34 | 22°28 | 4°46 | 17° 2 18°16 | 0°57 | 14°49 | 18° 8 | 3°57 | 11°42 | 3°37 | 7952 | 7°46 | 8°35 | 16° 7 | T 3 |
| F 4 S 5 | 18 50 22 18 54 18 | 13°23'02 14°20'29 | 4 8 33 | 6°54 9°4 | 18°16 19°30 | 1°32 2° 8 | 14°42 14°34 | 18° 3 17°59 | 3°55 3°53 | 11°41 11°40 | 3°36 3°34 | 7°52 7°53 | 7°43 7°39 | 8°42 8°49 | 16°12 16°17 | F 4 S 5 |
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| S 6 | 18 58 15 | 15°17'56 | 28°18 | 11°15 | 20°43 | 2°44 | 14°26 | 17°54 | 3°52 | 11°40 | 3°33 | 7°53 | 7°36 | 8°55 | 16°23 | S 6 |
| M 7 | 19 2 11 | 16°15'22 | 10 I I 6 | 13°26 | 21°57 | 3°20 | 14°19 | 17°50 | 3°50 | 11°39 | 3°31 | 7°54 | 7°33 | 9° 2 | 16°28 | M 7 |
| T 8 | 19 6 8 | 17°12'48 | 21°56 | 15°38 | 23°11 | 3°56 | 14°11 | 17°45 | 3°48 | 11°38 | 3°29 | 7°55 | 7°30 | 9° 9 | 16°34 | T 8 |
| W 9 T 10 | 19 10 5 19 14 1 | 18°10'13 19° 7'38 | 3 © 50 15°52 | 17°50 20° 2 | 24°25 25°38 | 4°32 5° 8 | 14° 3 13°56 | 17°41 17°37 | 3°47 3°45 | 11°37 11°37 | 3°28 3°26 | 7°R55 7°55 | 7°27 7°24 | 9°15 9°22 | 16°39 16°45 | W 9 T 10 |
| F 11 | 19 14 1 | 20° 5'02 | 28° 3 | 20°14 | 25°52 | 5°44 | 13°48 | 17°32 | 3°44 | 11°36 | 3°25 | 7°54 | 7°20 | 9°22 | 16°50 | F 11 |
| S 12 | 19 21 54 | 21° 2'25 | 10 Ω 24 | 24°25 | 28° 6 | 6°21 | 13°41 | 17°28 | 3°42 | 11°35 | 3°23 | 7°53 | 7°17 | 9°35 | 16°56 | S 12 |
| | | | | | | | | | | | | | | | | 1 |
| S 13 M14 | 19 25 51 19 29 47 | 21°59'48 22°57'10 | 22°58 5 m)46 | 26°36 28°45 | 29°20 0 Ω 33 | 6°57 7°33 | 13°33 13°26 | 17°23 17°19 | 3°41 3°39 | 11°34 11°33 | 3°22 3°20 | 7°51 7°49 | 7°14 7°11 | 9°42 9°49 | 17° 2 17° 8 | S 13 M14 |
| T 15 | 19 29 47 | 22°54'31 | 18°48 | $0\Omega_{53}$ | 1°47 | 8° 9 | 13°18 | 17 19 17°14 | 3°38 | 11°32 | 3°19 | 7°47 | 7° 8 | 9°55 | 17°14 | T 15 |
| W16 | 19 37 41 | 24°51'52 | 2 <u>0</u> 5 | 3° 0 | 3° 1 | 8°45 | 13°11 | 17°10 | 3°37 | 11°31 | 3°17 | 7°46 | 7° 5 | 10° 2 | 17°20 | W16 |
| T 17 | 19 41 37 | 25°49'11 | 15°38 | 5° 5 | 4°15 | 9°22 | 13° 3 | 17° 6 | 3°36 | 11°30 | 3°16 | 7°45 | 7° 1 | 10° 9 | 17°26 | T 17 |
| F 18 | 19 45 34 | 26°46'30 | 29°28 | 7° 8 | 5°28 | 9°58 | 12°56 | 17° 1 | 3°34 | 11°29 | 3°14 | 7°D44 | 6°58 | 10°15 | 17°32 | F 18 |
| S 19 | 19 49 30 | 27°43'49 | 13 M 34 | 9°10 | 6°42 | 10°34 | 12°49 | 16°57 | 3°33 | 11°28 | 3°13 | 7°45 | 6°55 | 10°22 | 17°39 | S 19 |
| S 20 | 19 53 27 | 28°41'07 | 27°56 | 11° 9 | 7°56 | 11°11 | 12°42 | 16°53 | 3°32 | 11°27 | 3°12 | 7°46 | 6°52 | 10°29 | 17°45 | S 20 |
| M21 | 19 57 23 | 29°38'24 | 12 × 29 | 13° 7 | 9° 9 | 11°47 | 12°35 | 16°48 | 3°31 | 11°26 | 3°10 | 7°47 | 6°49 | 10°35 | 17°51 | M21 |
| T 22 | 20 1 20 | 0 Ω 35'41 | 27°11 | 15° 2 | 10°23 | 12°23 | 12°28 | 16°44 | 3°30 | 11°25 | 3° 9 | 7°48 | 6°45 | 10°42 | 17°58 | T 22 |
| W23 | 20 5 16 | 1°32'57 | 11 る 55 | 16°56 | 11°37 | 13° 0 | 12°21 | 16°40 | 3°29 | 11°24 | 3° 7 | 7°R48 | 6°42 | 10°49 | 18° 4 | W23 |
| T 24 | 20 9 13 | 2°30'13 | 26°35 | 18°47 | 12°50 | 13°36 | 12°14 | 16°36 | 3°28 | 11°23 | 3° 6 | 7°48 | 6°39 | 10°55 | 18°11 | T 24 |
| F 25 | 20 13 10 | 3°27'29 | 11≈ 5 | 20°36 | 14° 4 | 14°13 | 12° 7 | 16°32 | 3°27 | 11°21 | 3° 5 | 7°45 | 6°36 | 11° 2 | 18°17 | F 25 |
| S 26 | 20 17 6 | 4°24'44 | 25°18 | 22°24 | 15°18 | 14°49 | 12° 1 | 16°27 | 3°26 | 11°20 | 3° 3 | 7°42 | 6°33 | 11° 9 | 18°24 | S 26 |
| S 27 | 20 21 3 | 5°22'00 | 9 米 10 | 24° 9 | 16°31 | 15°26 | 11°54 | 16°23 | 3°26 | 11°19 | 3° 2 | 7°38 | 6°30 | 11°15 | 18°31 | S 27 |
| M28 | 20 24 59 | 6°19'15 | 22°38 | 25°52 | 17°45 | 16° 2 | 11°48 | 16°19 | 3°25 | 11°18 | 3° 1 | 7°34 | 6°26 | 11°22 | 18°38 | M28 |
| T 29 | 20 28 56 | 7°16'31 | 5 ℃ 42 | 27°33 | 18°59 | 16°39 | 11°41 | 16°15 | 3°24 | 11°16 | 2°59 | 7°30 | 6°23 | 11°29 | 18°44 | T 29 |
| W30 | 20 32 52 | 8°13'47 | 18°23 | 29°11 | 20°12 | 17°15 | 11°35 | 16°11 | 3°24 | 11°15 | 2°58 | 7°28 | 6°20 | 11°35 | 18°51 | W30 |
| T 31 | 20 36 49 | 9 Ω 11'03 | 0 8 45 | 0 m 48 | 21 \O 26 | 17 m 52 | 11 る 29 | 16 궁 7 | 3 ₹ 23 | 11) 14 | 2 ප් 57 | 79526 | 6 9 17 | 11 Ⅱ 42 | 18 M 58 | T 31 |

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| F 1 S 2 | 20 40 45 | 10 Ω 8'19 | 12851 | 2 m 23 | 22 \Omega 40 23°53 | 18 m)29 19°5 | 11°R23 11 る 17 | 16°R 4 16 る 0 | 3°R23 3 ∡ 722 | 11°R13 11 ∺ 11 | 2°R56 2 ろ 55 | 7°D26 7 © 26 | 6 © 14 6°11 | 11 ∏ 49 11°55 | 19 m) 5 19°12 | F 1 |
| | 20 44 42 | | 24°47 | 3°55 | | | | _ | | | | | - | | | S 2 |
| S 3 | 20 48 39 | 12° 2'53 | 6 Ⅱ 36 | 5°25 | 25° 7 | 19°42 | 11°12 | 15°56 | 3°22 | 11°10 | 2°53 | 7°28 | 6° 7 | 12° 2 | 19°19 | S 3 |
| M 4 | 20 52 35 | 13° 0'10 | 18°25 | 6°53 | 26°21 | 20°19 | 11° 6 | 15°52 | 3°21 | 11° 8 | 2°52 | 7°30 | 6° 4 | 12° 9 | 19°27 | M 4 |
| T 5 | 20 56 32 | 13°57'28 | 09917 | 8°19 | 27°34 | 20°56 | 11° 1 | 15°49 | 3°21 | 11° 7 | 2°51 | 7°31 | 6° 1 | 12°15 | 19°34 | T 5 |
| W 6 T 7 | 21 0 28 21 4 25 | 14°54'46 15°52'05 | 12°17 24°28 | 9°43 11° 4 | 28°48 0 mb 2 | 21°32 22° 9 | 10°55 10°50 | 15°45 15°41 | 3°21 3°20 | 11° 6 11° 4 | 2°50 2°49 | 7°R31 7°30 | 5°58 5°55 | 12°22 12°28 | 19°41 19°48 | W 6 T 7 |
| F 8 | 21 4 23 21 8 21 | 15° 32' 03 16° 49' 24 | $6\Omega 53$ | 11 4 12°24 | 1°15 | 22°46 | 10°30 | 15°38 | 3°20 | 11° 3 | 2°48 | 7°26 | 5°51 | 12°35 | 19 48 19°56 | F 8 |
| S 9 | 21 12 18 | 10 49 24 17°46'43 | 19°32 | 12°24 | 2°29 | 23°23 | 10°43 | 15°35 | 3°20 | 11° 1 | 2°47 | 7°21 | 5°48 | 12°42 | 20° 3 | S 9 |
| | | | | | | | | | | | | | | | | |
| S 10 | 21 16 14 | 18°44'02 | 2 Mp 26 | 14°55 | 3°42 | 24° 0 | 10°36 | 15°31 | 3°20 | 11° 0 | 2°46 | 7°15 | 5°45 | 12°48 | 20°10 | S 10 |
| M11 | 21 20 11 | 19°41'22 | 15°36 | 16° 7 | 4°56 | 24°37 | 10°31 | 15°28 | 3°D20 | 10°58 | 2°45 | 7° 8 | 5°42 | 12°55 | 20°18 | M11 |
| T 12 W13 | 21 24 8 21 28 4 | 20°38'41 21°36'01 | 28°58 12 Ω 34 | 17°16 18°23 | 6°10 7°23 | 25°14 25°51 | 10°27 10°23 | 15°25 15°22 | 3°20 3°20 | 10°57 10°55 | 2°44 | 7° 1 6°55 | 5°39 | 13° 2 13° 8 | 20°25 20°33 | T 12 W13 |
| T 14 | 21 28 4 21 32 1 | 21°36'01 22°33'22 | 26°20 | 18°23 19°28 | 8°37 | 26°28 | 10°23 | 15°22 15°18 | 3°20 | 10°55 10°54 | 2°43 2°42 | 6°50 | 5°36 5°32 | 13° 8 | 20°33 20°41 | T 14 |
| F 15 | 21 32 1 | 22 33 22 23°30'42 | 10 M 15 | 20°29 | 9°50 | 20° 28° 27° 5 | 10°15 | 15°15 | 3°21 | 10°52 | 2°41 | 6°48 | 5°29 | 13°22 | 20°48 | F 15 |
| S 16 | 21 39 54 | 24°28'03 | 24°18 | 21°28 | 11° 4 | 27°42 | 10°13 | 15°13 | 3°21 | 10°51 | 2°40 | 6°D47 | 5°26 | 13°28 | 20°56 | S 16 |
| | | | | | | | _ | | | | | | | | | |
| S 17 | 21 43 50 | 25°25'23 | 8 × ⁷ 28 | 22°23 | 12°18 | 28°19 | 10° 7 | 15°10 | 3°21 | 10°49 | 2°40 | 6°48 | 5°23 | 13°35 | 21° 4 | S 17 |
| M18 T 19 | 21 47 47 21 51 43 | 26°22'45 27°20'06 | 22°43 7 る 2 | 23°16 24° 5 | 13°31 14°45 | 28°56 29°34 | 10° 4 10° 1 | 15° 7 15° 4 | 3°22 3°22 | 10°48 10°46 | 2°39 2°38 | 6°49 6°R49 | 5°20 5°16 | 13°42 13°48 | 21°11 21°19 | M18 T 19 |
| W20 | 21 51 43 | 27 20 00 28°17'28 | 21°21 | 24°51 | 14 43 15°58 | 29 34 0 Ω 11 | 9°58 | 15° 2 | 3°22 | 10°45 | 2°37 | 6°48 | 5°13 | 13°55 | 21°27 | W20 |
| T 21 | 21 59 37 | 29°14'50 | 5 ≈ 37 | 25°34 | 17°12 | 0°48 | 9°55 | 13° 2 | 3°23 | 10°43 | 2°37 | 6°45 | 5°10 | 13° 33 | 21°35 | T 21 |
| F 22 | 22 3 33 | 0 m 12'13 | 19°45 | 26°12 | 18°25 | 1°25 | 9°52 | 14°57 | 3°24 | 10°41 | 2°36 | 6°40 | 5° 7 | 14° 8 | 21°43 | F 22 |
| S 23 | 22 7 30 | 1° 9'36 | 3) (41 | 26°47 | 19°39 | 2° 3 | 9°50 | 14°54 | 3°24 | 10°40 | 2°35 | 6°33 | 5° 4 | 14°15 | 21°50 | S 23 |
| | | | | | | | 9°47 | _ | | 10°38 | | | 5° 1 | _ | | |
| S 24 M25 | 22 11 26 22 15 23 | 2° 7'00 3° 4'25 | 17°21 0 Ƴ 42 | 27°18 27°44 | 20°52 22° 6 | 2°40 3°17 | 9°47 9°45 | 14°52 14°50 | 3°25 3°26 | 10°38 10°37 | 2°35 2°34 | 6°24 6°14 | 5° 1 4°57 | 14°22 14°28 | 21°58 22° 6 | S 24 M25 |
| T 26 | 22 13 23 22 19 19 | 3 423 4° 1'50 | 13°43 | 27 44 28° 6 | 23°19 | 3°55 | 9°43 | 14°47 | 3°26 | 10°37 10°35 | 2°34 | 6° 6 | 4°54 | 14°28 | 22°14 | T 26 |
| W27 | 22 23 16 | 4°59'17 | 26°22 | 28°24 | 24°32 | 4°32 | 9°42 | 14°45 | 3°27 | 10°33 | 2°33 | 5°58 | 4°51 | 14°42 | 22°22 | W27 |
| T 28 | 22 27 12 | 5°56'45 | 8 8 44 | 28°37 | 25°46 | 5°10 | 9°40 | 14°43 | 3°28 | 10°32 | 2°33 | 5°52 | 4°48 | 14°48 | 22°30 | T 28 |
| F 29 | 22 31 9 | 6°54'14 | 20°50 | 28°44 | 26°59 | 5°47 | 9°38 | 14°42 | 3°29 | 10°30 | 2°32 | 5°49 | 4°45 | 14°55 | 22°38 | F 29 |
| S 30 | 22 35 6 | 7°51'44 | 2 Ⅱ 45 | 28°R47 | 28°13 | 6°24 | 9°37 | 14°40 | 3°30 | 10°28 | 2°32 | 5°47 | 4°42 | 15° 2 | 22°46 | S 30 |
| S 31 | 22 39 2 | 8 m 49'15 | 14 II 35 | 28 m 44 | 29 m 26 | 7 <u>₽</u> 2 | 9 ප 36 | 14 궁 38 | 3 ∡7 31 | 10 ∺ 27 | 2 ප 31 | 5°D47 | 4938 | 15 II 8 | 22 m 54 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)Å(| 并 | Р | 'n | v | ţ | ę, | Day |
|------|----------|-------------------|-----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|---------------|-------|--------------|-----------------|---------|------|
| M 1 | 22 42 59 | 9 m)46'47 | 26∏24 | 28°R37 | 0 ჲ 40 | 7 ≙ 40 | 9°R35 | 14°R36 | 3 . ₹32 | 10°R25 | 2°R31 | 59548 | 4935 | 15 II 15 | 23 mg 3 | M 1 |
| T 2 | 22 46 55 | 10°44'21 | 89519 | 28 m 23 | 1°53 | 8°17 | 9 궁 35 | 14 る 35 | 3°33 | 10 ∺ 23 | 2 ප 31 | 5°R48 | 4°32 | 15°21 | 23°11 | T 2 |
| W 3 | 22 50 52 | 11°41'56 | 20°23 | 28° 5 | 3° 6 | 8°55 | 9°34 | 14°33 | 3°34 | 10°22 | 2°30 | 5°47 | 4°29 | 15°28 | 23°19 | W 3 |
| T 4 | 22 54 48 | 12°39'32 | 2 Ω 41 | 27°41 | 4°20 | 9°33 | 9°34 | 14°32 | 3°36 | 10°20 | 2°30 | 5°44 | 4°26 | 15°35 | 23°27 | T 4 |
| F 5 | 22 58 45 | 13°37'10 | 15°17 | 27°11 | 5°33 | 10°10 | 9°D34 | 14°31 | 3°37 | 10°19 | 2°30 | 5°38 | 4°22 | 15°41 | 23°35 | F 5 |
| S 6 | 23 2 41 | 14°34'48 | 28°12 | 26°37 | 6°46 | 10°48 | 9°34 | 14°30 | 3°38 | 10°17 | 2°29 | 5°30 | 4°19 | 15°48 | 23°43 | S 6 |
| S 7 | 23 638 | 15°32'28 | 11 m)27 | 25°59 | 8° 0 | 11°26 | 9°34 | 14°29 | 3°40 | 10°15 | 2°29 | 5°20 | 4°16 | 15°55 | 23°52 | S 7 |
| M 8 | 23 10 34 | 16°30'09 | 25° 0 | 25°16 | 9°13 | 12° 4 | 9°35 | 14°28 | 3°41 | 10°14 | 2°29 | 5° 9 | 4°13 | 16° 1 | 24° 0 | M 8 |
| T 9 | 23 14 31 | 17°27'50 | 8 ≏ 48 | 24°30 | 10°26 | 12°41 | 9°35 | 14°27 | 3°43 | 10°12 | 2°29 | 4°58 | 4°10 | 16° 8 | 24° 8 | T 9 |
| W10 | 23 18 28 | 18°25'33 | 22°49 | 23°41 | 11°40 | 13°19 | 9°36 | 14°26 | 3°44 | 10°10 | 2°29 | 4°48 | 4° 7 | 16°15 | 24°16 | W10 |
| T 11 | 23 22 24 | 19°23'17 | 6M56 | 22°50 | 12°53 | 13°57 | 9°37 | 14°25 | 3°46 | 10° 9 | 2°29 | 4°40 | 4° 3 | 16°21 | 24°25 | T 11 |
| F 12 | 23 26 21 | 20°21'03 | 21° 7 | 21°58 | 14° 6 | 14°35 | 9°38 | 14°25 | 3°47 | 10° 7 | 2°D29 | 4°35 | 4° 0 | 16°28 | 24°33 | F 12 |
| S 13 | 23 30 17 | 21°18'49 | 5 ₹ 18 | 21° 6 | 15°19 | 15°13 | 9°40 | 14°24 | 3°49 | 10° 6 | 2°29 | 4°32 | 3°57 | 16°35 | 24°41 | S 13 |
| S 14 | 23 34 14 | 22°16'36 | 1 <u>9</u> °27 | 20°15 | 16°33 | 15°51 | 9°41 | 14°24 | 3°51 | 10° 4 | 2°29 | 4°D31 | 3°54 | 16°41 | 24°49 | S 14 |
| M15 | 23 38 10 | 23°14'24 | 3 ⋜ 33 | 19°26 | 17°46 | 16°29 | 9°43 | 14°24 | 3°52 | 10° 2 | 2°29 | 4°R31 | 3°51 | 16°48 | 24°58 | M15 |
| T 16 | 23 42 7 | 24°12'13 | 17°35 | 18°40 | 18°59 | 17° 7 | 9°45 | 14°23 | 3°54 | 10° 1 | 2°29 | 4°31 | 3°48 | 16°55 | 25° 6 | T 16 |
| W17 | 23 46 3 | 25°10'04 | 1≈32 | 17°59 | 20°12 | 17°45 | 9°47 | 14°D23 | 3°56 | 9°59 | 2°29 | 4°29 | 3°44 | 17° 1 | 25°14 | W17 |
| T 18 | 23 50 0 | 26° 7'55 | 15°24 | 17°22 | 21°25 | 18°23 | 9°49 | 14°23 | 3°58 | 9°58 | 2°29 | 4°24 | 3°41 | 17° 8 | 25°22 | T 18 |
| F 19 | 23 53 57 | 27° 5'47 | 29° 7 | 16°51 | 22°38 | 19° 2 | 9°52 | 14°23 | 4° 0 | 9°56 | 2°30 | 4°17 | 3°38 | 17°15 | 25°31 | F 19 |
| S 20 | 23 57 53 | 28° 3'41 | 12) (40 | 16°27 | 23°52 | 19°40 | 9°54 | 14°24 | 4° 2 | 9°55 | 2°30 | 4° 7 | 3°35 | 17°21 | 25°39 | S 20 |
| S 21 | 0 1 50 | 29° 1'36 | 26° 0 | 16°10 | 25° 5 | 20°18 | 9°57 | 14°24 | 4° 4 | 9°53 | 2°30 | 3°55 | 3°32 | 17°28 | 25°47 | S 21 |
| M22 | 0 5 46 | 29°59'33 | 9 Υ 5 | 16° 1 | 26°18 | 20°56 | 10° 0 | 14°24 | 4° 6 | 9°52 | 2°30 | 3°42 | 3°28 | 17°34 | 25°56 | M22 |
| T 23 | 0 9 43 | 0 ≏ 57'31 | 21°54 | 15°D59 | 27°31 | 21°35 | 10° 3 | 14°25 | 4° 8 | 9°50 | 2°31 | 3°30 | 3°25 | 17°41 | 26° 4 | T 23 |
| W24 | 0 13 39 | 1°55'30 | 4826 | 16° 7 | 28°44 | 22°13 | 10° 7 | 14°25 | 4°10 | 9°49 | 2°31 | 3°19 | 3°22 | 17°48 | 26°12 | W24 |
| T 25 | 0 17 36 | 2°53'32 | 16°42 | 16°22 | 29°57 | 22°51 | 10°10 | 14°26 | 4°13 | 9°47 | 2°32 | 3°10 | 3°19 | 17°54 | 26°20 | T 25 |
| F 26 | 0 21 32 | 3°51'35 | 28°46 | 16°46 | 1 M .10 | 23°30 | 10°14 | 14°27 | 4°15 | 9°46 | 2°32 | 3° 4 | 3°16 | 18° 1 | 26°29 | F 26 |
| S 27 | 0 25 29 | 4°49'40 | 10 Ⅱ 40 | 17°19 | 2°23 | 24° 8 | 10°18 | 14°28 | 4°17 | 9°44 | 2°32 | 3° 1 | 3°13 | 18° 8 | 26°37 | S 27 |
| S 28 | 0 29 26 | 5°47'47 | 22°28 | 17°59 | 3°36 | 24°46 | 10°22 | 14°29 | 4°20 | 9°43 | 2°33 | 2°59 | 3° 9 | 18°14 | 26°45 | S 28 |
| M29 | 0 33 22 | 6°45'55 | 49917 | 18°48 | 4°49 | 25°25 | 1 <u>0</u> °26 | 1 <u>4</u> °30 | 4°22 | 9°41 | <u>2°33</u> | 2°59 | 3° 6 | 18°21 | 26°53 | M29 |
| T 30 | 0 37 19 | 7 ≏ 44'06 | 169911 | 19 M 44 | 6M 2 | 26 ♀ 4 | 10 궁 30 | 14 ට 31 | 4 ₹ 124 | 9) 40 | 2 ප 34 | 2959 | 3 9 3 | 18 Ⅱ 28 | 27Mg 2 | T 30 |

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|------|---------|-------------------|----------------|-----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|-------|---------------|----------------|-----------------|------|
| W 1 | 0 41 15 | 8 ≏ 42'19 | 289516 | 20 m /48 | 7 M .15 | 26 - 42 | 10 궁 35 | 14 る 32 | 4 ₹ 27 | 9°R39 | 2 る 35 | 2°R58 | 3 95 0 | 18 耳 34 | 27 m)10 | W 1 |
| T 2 | 0 45 12 | 9°40'33 | 10 Ω 37 | 21°58 | 8°27 | 27°21 | 10°40 | 14°34 | 4°29 | 9 ∺ 37 | 2°35 | 2955 | 2°57 | 18°41 | 27°18 | T 2 |
| F 3 | 0 49 8 | 10°38'49 | 23°18 | 23°14 | 9°40 | 27°59 | 10°44 | 14°35 | 4°32 | 9°36 | 2°36 | 2°49 | 2°53 | 18°48 | 27°26 | F 3 |
| S 4 | 0 53 5 | 11°37'07 | 6 m 23 | 24°36 | 10°53 | 28°38 | 10°49 | 14°37 | 4°35 | 9°35 | 2°37 | 2°41 | 2°50 | 18°54 | 27°34 | S 4 |
| S 5 | 0 57 1 | 12°35'27 | 19°52 | 26° 3 | 12° 6 | 29°17 | 10°55 | 14°38 | 4°37 | 9°33 | 2°37 | 2°31 | 2°47 | 19° 1 | 27°43 | S 5 |
| M 6 | 1 0 58 | 13°33'49 | 3 ≏ 44 | 27°35 | 13°19 | 29°56 | 11° 0 | 14°40 | 4°40 | 9°32 | 2°38 | 2°19 | 2°44 | 19°8 | 27°51 | M 6 |
| T 7 | 1 4 54 | 14°32'13 | 17°56 | 29°11 | 14°32 | 0 M .34 | 11° 6 | 14°42 | 4°42 | 9°31 | 2°39 | 2° 7 | 2°41 | 19°14 | 27°59 | T 7 |
| W 8 | 1 8 51 | 15°30'38 | 2 M 22 | 0 <u>ჲ</u> 50 | 15°44 | 1°13 | 11°11 | 14°44 | 4°45 | 9°29 | 2°40 | 1°57 | 2°38 | 19°21 | 28° 7 | W 8 |
| T 9 | 1 12 48 | 16°29'05 | 16°55 | 2°33 | 16°57 | 1°52 | 11°17 | 14°46 | 4°48 | 9°28 | 2°41 | 1°49 | 2°34 | 19°28 | 28°15 | T 9 |
| F 10 | 1 16 44 | 17°27'34 | 1 ₹ 29 | 4°17 | 18°10 | 2°31 | 11°23 | 14°48 | 4°51 | 9°27 | 2°42 | 1°43 | 2°31 | 19°34 | 28°23 | F 10 |
| S 11 | 1 20 41 | 18°26'04 | 15°58 | 6° 4 | 19°23 | 3°10 | 11°29 | 14°50 | 4°54 | 9°26 | 2°42 | 1°40 | 2°28 | 19°41 | 28°31 | S 11 |
| S 12 | 1 24 37 | 19°24'36 | 0 ට 18 | 7°52 | 20°35 | 3°49 | 11°36 | 14°52 | 4°57 | 9°25 | 2°43 | 1°D40 | 2°25 | 19°47 | 28°39 | S 12 |
| M13 | 1 28 34 | 20°23'10 | 14°27 | 9°41 | 21°48 | 4°28 | 11°42 | 14°55 | 4°59 | 9°24 | 2°44 | 1°R40 | 2°22 | 19°54 | 28°47 | M13 |
| T 14 | 1 32 30 | 21°21'45 | 28°24 | 11°32 | 23° 1 | 5° 7 | 11°49 | 14°57 | 5° 2 | 9°22 | 2°45 | 1°40 | 2°19 | 20° 1 | 28°55 | T 14 |
| W15 | 1 36 27 | 22°20'22 | 12≈ 9 | 13°22 | 24°13 | 5°46 | 11°55 | 15° 0 | 5° 5 | 9°21 | 2°46 | 1°38 | 2°15 | 20° 7 | 29° 3 | W15 |
| T 16 | 1 40 23 | 23°19'00 | 25°42 | 15°13 | 25°26 | 6°25 | 12° 2 | 15° 3 | 5° 8 | 9°20 | 2°48 | 1°34 | 2°12 | 20°14 | 29°11 | T 16 |
| F 17 | 1 44 20 | 24°17'39 | 9 ∺ 3 | 17° 4 | 26°39 | 7° 5 | 12° 9 | 15° 5 | 5°11 | 9°19 | 2°49 | 1°28 | 2° 9 | 20°21 | 29°19 | F 17 |
| S 18 | 1 48 17 | 25°16'21 | 22°13 | 18°55 | 27°51 | 7°44 | 12°16 | 15° 8 | 5°14 | 9°18 | 2°50 | 1°19 | 2° 6 | 20°27 | 29°27 | S 18 |
| S 19 | 1 52 13 | 26°15'03 | 5 Υ 11 | 20°45 | 29° 4 | 8°23 | 12°24 | 15°11 | 5°18 | 9°17 | 2°51 | 1° 8 | 2° 3 | 20°34 | 29°34 | S 19 |
| M20 | 1 56 10 | 27°13'48 | 17°56 | 22°35 | 0 ∡ 16 | 9° 2 | 12°31 | 15°14 | 5°21 | 9°16 | 2°52 | 0°57 | 1°59 | 20°41 | 29°42 | M20 |
| T 21 | 2 0 6 | 28°12'35 | 0 8 29 | 24°25 | 1°28 | 9°42 | 12°39 | 15°17 | 5°24 | 9°15 | 2°53 | 0°45 | 1°56 | 20°47 | 29°50 | T 21 |
| W22 | 2 4 3 | 29°11'24 | 12°49 | 26°13 | 2°41 | 10°21 | 12°47 | 15°21 | 5°27 | 9°14 | 2°55 | 0°35 | 1°53 | 20°54 | 29°58 | W22 |
| T 23 | 2 7 59 | 0 M .10'14 | 24°57 | 28° 1 | 3°53 | 11° 1 | 12°54 | 15°24 | 5°30 | 9°14 | 2°56 | 0°28 | 1°50 | 21° 1 | 0 ჲ 5 | T 23 |
| F 24 | 2 11 56 | 1° 9'07 | 6 Ⅱ 55 | 29°49 | 5° 6 | 11°40 | 13° 2 | 15°27 | 5°33 | 9°13 | 2°57 | 0°22 | 1°47 | 21° 7 | 0°13 | F 24 |
| S 25 | 2 15 52 | 2° 8'02 | 18°46 | 1 M .36 | 6°18 | 12°19 | 13°11 | 15°31 | 5°37 | 9°12 | 2°59 | 0°20 | 1°44 | 21°14 | 0°20 | S 25 |
| S 26 | 2 19 49 | 3° 6'59 | 0933 | 3°21 | 7°30 | 12°59 | 13°19 | 15°34 | 5°40 | 9°11 | 3° 0 | 0°D19 | 1°40 | 21°21 | 0°28 | S 26 |
| M27 | 2 23 46 | 4° 5'58 | 12°20 | 5° 7 | 8°43 | 13°39 | 13°27 | 15°38 | 5°43 | 9°10 | 3° 1 | 0°19 | 1°37 | 21°27 | 0°36 | M27 |
| T 28 | 2 27 42 | 5° 4'59 | 24°13 | 6°51 | 9°55 | 14°18 | 13°36 | 15°42 | 5°47 | 9°10 | 3° 3 | 0°20 | 1°34 | 21°34 | 0°43 | T 28 |
| W29 | 2 31 39 | 6° 4'03 | 6 Ω 16 | 8°34 | 11° 7 | 14°58 | 13°44 | 15°45 | 5°50 | 9° 9 | 3° 4 | 0°R21 | 1°31 | 21°40 | 0°50 | W29 |
| T 30 | 2 35 35 | 7° 3'09 | 18°35 | 10°17 | 12°19 | 15°38 | 1 <u>3</u> °53 | 1 <u>5</u> °49 | 5°53 | 9° 8 | 3° 6 | 0°20 | 1°28 | 21°47 | 0°58 | T 30 |
| F 31 | 2 39 32 | 8 M 2'17 | 1 Mp 16 | 11 M 59 | 13 ∡ 32 | 16 M 17 | 14る 2 | 15 る 53 | 5 ₹ 57 | 9 米 7 | 3 る 7 | 09917 | 19925 | 21 Ⅱ 54 | 1 ♀ 5 | F 31 |

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|-------------|--------------------|----------------------|-----------------------|------------------------|------------------------|----------------|----------------|----------------|----------------|--------------|--------------|-----------------|----------------|-----------------|---------------|-------------|
| S 1 | 2 43 28 | 9 M 1'27 | 14 m 21 | 13 M 40 | 14 ×7 44 | 16 M 57 | 14 궁 11 | 15 ප 57 | 6 ₹ 0 | 9°R 7 | 3 る 9 | 0°R13 | 19921 | 22 I I 0 | 1 ≏ 12 | S 1 |
| S 2 | 2 47 25 | 10° 0'39 | 27°53 | 15°20 | 15°56 | 17°37 | 14°20 | 16° 1 | 6° 4 | 9 米 6 | 3°10 | 0ණ 6 | 1°18 | 22° 7 | 1°20 | S 2 |
| M 3 | 2 51 21 | 10°59'54 | 11 ≏ 53 | 17° 0 | 17° 8 | 18°17 | 14°29 | 16° 5 | 6° 7 | 9° 6 | 3°12 | 29耳58 | 1°15 | 22°14 | 1°27 | M 3 |
| T 4 | 2 55 18 | 11°59'10 | 26°17 | 18°39 | 18°20 | 18°57 | 14°39 | 16°10 | 6°11 | 9° 5 | 3°13 | 29°51 | 1°12 | 22°20 | 1°34 | T 4 |
| W 5 | 2 59 15 | 12°58'29 | 11 M 1 | 20°17 | 19°32 | 19°37 | 14°48 | 16°14 | 6°14 | 9° 5 | 3°15 | 29°43 | 1° 9 | 22°27 | 1°41 | W 5 |
| T 6 | 3 3 11 | 13°57'50 | 25°56 | 21°54 | 20°44 | 20°17 | 14°58 | 16°18 | 6°18 | 9° 4 | 3°17 | 29°38 | 1° 5 | 22°34 | 1°48 | T 6 |
| F 7 | 3 7 8 | 14°57'12 | 10×753 | 23°31 | 21°56 | 20°57 | 15° 8 | 16°23 | 6°21 | 9° 4 | 3°18 | 29°34 | 1° 2 | 22°40 | 1°55 | F 7 |
| S 8 | 3 11 4 | 15°56'37 | 25°46 | 25° 7 | 23° 8 | 21°37 | 15°17 | 16°27 | 6°25 | 9° 3 | 3°20 | 29°D33 | 0°59 | 22°47 | 2° 2 | S 8 |
| S 9 | 3 15 1 | 16°56'03 | 10중26 | 26°42 | 24°20 | 22°17 | 15°27 | 16°32 | 6°29 | 9° 3 | 3°22 | 29°33 | 0°56 | 22°54 | 2° 9 | S 9 |
| M10 | 3 18 57 | 17°55'32 | 24°49 | 28°17 | 25°32 | 22°57 | 15°37 | 16°37 | 6°32 | 9° 3 | 3°23 | 29°34 | 0°53 | 23° 0 | 2°16 | M10 |
| T 11 | 3 22 54 | 18°55'01 | 8 ≈ 53 | 29°51 | 26°44 | 23°37 | 15°48 | 16°42 | 6°36 | 9° 2 | 3°25 | 29°36 | 0°50 | 23° 7 | 2°22 | T 11 |
| W12 T 13 | 3 26 50 3 30 47 | 19°54'32 20°54'05 | 22°37 6 ∺ 3 | 1 ∡ 724 2°57 | 27°55 29° 7 | 24°18 24°58 | 15°58 16°8 | 16°46 16°51 | 6°39 6°43 | 9° 2 9° 2 | 3°27 3°29 | 29°R36 29°35 | 0°46 0°43 | 23°13 23°20 | 2°29 2°36 | W12 T 13 |
| F 14 | 3 34 44 | 20°54'05 21°53'40 | οπ 3 19°11 | 4°30 | 29° / 0 궁 19 | 24°38 25°38 | 16° 8 | 16°56 | 6°43 | 9° 2 | 3°31 | 29°33 | 0°43 0°40 | 23°27 | 2°42 | F 14 |
| S 15 | 3 38 40 | 21°53'16 | 2 Υ 4 | 6° 1 | 1°30 | 25°19 | 16°29 | 10° 30° 1 | 6°50 | 9° 1 | 3°33 | 29°27 | 0°37 | 23°33 | 2°49 | S 15 |
| | | | - | _ | | | | | | , . | | | | | | |
| S 16 M17 | 3 42 37 3 46 33 | 23°52'54 24°52'33 | 14°43 27°10 | 7°32 9° 3 | 2°42 3°54 | 26°59 27°40 | 16°40 16°50 | 17° 6 17°12 | 6°54 6°58 | 9° 1 9° 1 | 3°34 3°36 | 29°22 29°16 | 0°34 0°31 | 23°40 23°47 | 2°55 3° 2 | S 16 M17 |
| T 18 | 3 40 33 | 24°52'55 25°52'15 | 9 8 27 | 10°33 | 5° 5 | 28°20 | 16°30 | 17°12 17°17 | 7° 1 | 9° 1 | 3°38 | 29° 16 | 0°27 | 23°53 | 3° 8 | T 18 |
| W19 | 3 54 26 | 26°51'58 | 21°33 | 10°33 | 6°17 | 28 20 29° 1 | 17°12 | 17°22 | 7° 5 | 9° 1 | 3°40 | 29° 4 | 0°24 | 23° 33 | 3°14 | W19 |
| T 20 | 3 58 23 | 27°51'43 | 3 II 32 | 13°31 | 7°28 | 29°41 | 17°23 | 17°28 | 7° 9 | 9°D 1 | 3°42 | 29° 0 | 0°21 | 24° 7 | 3°20 | T 20 |
| F 21 | 4 2 19 | 28°51'30 | 15°24 | 14°59 | 8°39 | 22 × 0 | 17°34 | 17°33 | 7°13 | 9° 1 | 3°44 | 28°58 | 0°18 | 24°13 | 3°26 | F 21 |
| S 22 | 4 6 16 | 29°51'20 | 27°13 | 16°27 | 9°51 | 1° 3 | 17°45 | 17°38 | 7°16 | 9° 1 | 3°46 | 28°D57 | 0°15 | 24°20 | 3°33 | S 22 |
| S 23 | 4 10 13 | 51'11 ت ر | 8959 | 17°54 | 11° 2 | 1°43 | 17°57 | 17°44 | 7°20 | 9° 1 | 3°48 | 28°57 | 0°11 | 24°27 | 3°38 | S 23 |
| M24 | 4 14 9 | 1°51'04 | 20°47 | 19°21 | 12°13 | 2°24 | 18° 8 | 17°50 | 7°24 | 9° 1 | 3°50 | 28°58 | 0° 8 | 24°33 | 3°44 | M24 |
| T 25 | 4 18 6 | 2°50'59 | 2 Ω 41 | 20°46 | 13°24 | 3° 5 | 18°20 | 17°55 | 7°27 | 9° 1 | 3°52 | 29° 0 | 0° 5 | 24°40 | 3°50 | T 25 |
| W26 | 4 22 2 | 3°50'56 | 14°44 | 22°11 | 14°35 | 3°46 | 18°31 | 18° 1 | 7°31 | 9° 2 | 3°54 | 29° 2 | 0° 2 | 24°47 | 3°56 | W26 |
| T 27 | 4 25 59 | 4°50'55 | 27° 1 | 23°36 | 15°46 | 4°27 | 18°43 | 18° 7 | 7°35 | 9° 2 | 3°56 | 29° 3 | 29∏59 | 24°53 | 4° 2 | T 27 |
| F 28 | 4 29 55 | 5°50'57 | 9 m y37 | 24°59 | 16°57 | 5° 8 | 18°54 | 18°13 | 7°39 | 9° 2 | 3°58 | 29°R 3 | 29°56 | 25° 0 | 4° 7 | F 28 |
| S 29 | 4 33 52 | 6°51'00 | 22°37 | 26°22 | 18° 8 | 5°49 | 19° 6 | 18°18 | 7°42 | 9° 2 | 4° 0 | 29° 2 | 29°52 | 25° 6 | 4°13 | S 29 |
| S 30 | 4 37 48 | 7 , 751′05 | 6 ₾ 2 | 27 ,7 44 | 19 궁 19 | 6 ₹ 30 | 19 궁 18 | 18 궁 24 | 7 ,₹ 46 | 9 ∺ 3 | 4궁 3 | 29Ⅱ 1 | 29 Ⅱ 49 | 25 Ⅱ 13 | 4 ≏ 18 | S 30 |

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|------|---------|-------------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|-----------------|-----------------|-------|---------------|------|
| M 1 | 4 41 45 | 8 . 751'13 | 19 ≙ 56 | 29 ½ 5 | 20 궁 30 | 7 √ 11 | 19 궁 30 | 18 云 30 | 7 .₹ 50 | 9 ∺ 3 | 4궁 5 | 28°R58 | 29∏46 | 25Ⅲ20 | 4 º 23 | M 1 |
| T 2 | 4 45 42 | 9°51'22 | 4 M .18 | 0 궁 25 | 21°40 | 7°52 | 19°42 | 18°36 | 7°54 | 9° 3 | 4° 7 | 28 II 55 | 29°43 | 25°26 | 4°29 | T 2 |
| W 3 | 4 49 38 | 10°51'33 | 19° 3 | 1°44 | 22°51 | 8°33 | 19°54 | 18°42 | 7°58 | 9° 4 | 4° 9 | 28°53 | 29°40 | 25°33 | 4°34 | W 3 |
| T 4 | 4 53 35 | 11°51'47 | 4 ₹ 5 | 3° 1 | 24° 1 | 9°14 | 20° 6 | 18°48 | 8° 1 | 9° 4 | 4°11 | 28°51 | 29°37 | 25°40 | 4°39 | T 4 |
| F 5 | 4 57 31 | 12°52'02 | 19°17 | 4°17 | 25°12 | 9°56 | 20°18 | 18°55 | 8° 5 | 9° 5 | 4°13 | 28°50 | 29°33 | 25°46 | 4°44 | F 5 |
| S 6 | 5 1 28 | 13°52'18 | 4 る 27 | 5°31 | 26°22 | 10°37 | 20°30 | 19° 1 | 8° 9 | 9° 5 | 4°15 | 28°D50 | 29°30 | 25°53 | 4°49 | S 6 |
| S 7 | 5 5 24 | 14°52'37 | 19°27 | 6°44 | 27°33 | 11°18 | 20°43 | 19° 7 | 8°13 | 9° 6 | 4°18 | 28°51 | 29°27 | 26° 0 | 4°53 | S 7 |
| M 8 | 5 9 21 | 15°52'56 | 4≈ 9 | 7°54 | 28°43 | 12° 0 | 20°55 | 19°13 | 8°16 | 9° 6 | 4°20 | 28°52 | 29°24 | 26° 6 | 4°58 | M 8 |
| T 9 | 5 13 17 | 16°53'17 | 18°29 | 9° 2 | 29°53 | 12°41 | 21° 8 | 19°20 | 8°20 | 9° 7 | 4°22 | 28°53 | 29°21 | 26°13 | 5° 3 | T 9 |
| W10 | 5 17 14 | 17°53'39 | 2) 23 | 10° 8 | 1≈ 3 | 13°23 | 21°20 | 19°26 | 8°24 | 9° 8 | 4°24 | 28°53 | 29°17 | 26°20 | 5° 7 | W10 |
| T 11 | 5 21 11 | 18°54'03 | 15°53 | 11°10 | 2°13 | 14° 4 | 21°33 | 19°33 | 8°27 | 9° 8 | 4°27 | 28°R54 | 29°14 | 26°26 | 5°12 | T 11 |
| F 12 | 5 25 7 | 19°54'28 | 28°59 | 12°10 | 3°23 | 14°46 | 21°45 | 19°39 | 8°31 | 9° 9 | 4°29 | 28°54 | 29°11 | 26°33 | 5°16 | F 12 |
| S 13 | 5 29 4 | 20°54'53 | 11 Y 45 | 13° 5 | 4°33 | 15°27 | 21°58 | 19°46 | 8°35 | 9°10 | 4°31 | 28°53 | 29° 8 | 26°39 | 5°20 | S 13 |
| S 14 | 5 33 0 | 21°55'21 | 24°14 | 13°56 | 5°42 | 16° 9 | 22°11 | 19°52 | 8°39 | 9°11 | 4°33 | 28°52 | 29° 5 | 26°46 | 5°25 | S 14 |
| M15 | 5 36 57 | 22°55'49 | 6 8 28 | 14°42 | 6°52 | 16°51 | 22°24 | 19°59 | 8°42 | 9°12 | 4°36 | 28°51 | 29° 2 | 26°53 | 5°29 | M15 |
| T 16 | 5 40 53 | 23°56'19 | 18°32 | 15°23 | 8° 1 | 17°33 | 22°36 | 20° 5 | 8°46 | 9°12 | 4°38 | 28°51 | 28°58 | 26°59 | 5°33 | T 16 |
| W17 | 5 44 50 | 24°56'50 | 0П29 | 15°58 | 9°10 | 18°14 | 22°49 | 20°12 | 8°50 | 9°13 | 4°40 | 28°50 | 28°55 | 27° 6 | 5°36 | W17 |
| T 18 | 5 48 46 | 25°57'22 | 12°20 | 16°25 | 10°20 | 18°56 | 23° 2 | 20°19 | 8°53 | 9°14 | 4°42 | 28°50 | 28°52 | 27°13 | 5°40 | T 18 |
| F 19 | 5 52 43 | 26°57'56 | 24° 8 | 16°45 | 11°29 | 19°38 | 23°15 | 20°25 | 8°57 | 9°15 | 4°45 | 28°D50 | 28°49 | 27°19 | 5°44 | F 19 |
| S 20 | 5 56 40 | 27°58'31 | 5 9 56 | 16°57 | 12°38 | 20°20 | 23°28 | 20°32 | 9° 0 | 9°16 | 4°47 | 28°50 | 28°46 | 27°26 | 5°47 | S 20 |
| S 21 | 6 0 36 | 28°59'07 | 17°45 | 16°R59 | 13°46 | 21° 2 | 23°41 | 20°39 | 9° 4 | 9°17 | 4°49 | 28°R50 | 28°43 | 27°33 | 5°51 | S 21 |
| M22 | 6 4 33 | 29°59'45 | 29°38 | 16°51 | 14°55 | 21°44 | 23°55 | 20°46 | 9° 8 | 9°18 | 4°52 | 28°50 | 28°39 | 27°39 | 5°54 | M22 |
| T 23 | 6 8 29 | 1중 0'24 | 11 Ω 37 | 16°33 | 16° 3 | 22°26 | 24° 8 | 20°52 | 9°11 | 9°19 | 4°54 | 28°49 | 28°36 | 27°46 | 5°57 | T 23 |
| W24 | 6 12 26 | 2° 1'05 | 23°46 | 16° 4 | 17°12 | 23° 8 | 24°21 | 20°59 | 9°15 | 9°20 | 4°56 | 28°49 | 28°33 | 27°53 | 6° 0 | W24 |
| T 25 | 6 16 22 | 3° 1'47 | 6MD 6 | 15°23 | 18°20 | 23°50 | 24°34 | 21° 6 | 9°18 | 9°22 | 4°59 | 28°49 | 28°30 | 27°59 | 6° 3 | T 25 |
| F 26 | 6 20 19 | 4° 2'30 | 18°42 | 14°32 | 19°28 | 24°33 | 24°48 | 21°13 | 9°22 | 9°23 | 5° 1 | 28°48 | 28°27 | 28° 6 | 6° 6 | F 26 |
| S 27 | 6 24 16 | 5° 3'15 | 1 ≏ 37 | 13°31 | 20°36 | 25°15 | 25° 1 | 21°20 | 9°25 | 9°24 | 5° 3 | 28°D48 | 28°23 | 28°13 | 6° 9 | S 27 |
| S 28 | 6 28 12 | 6° 4'01 | 14°54 | 12°21 | 21°43 | 25°57 | 25°14 | 21°27 | 9°29 | 9°25 | 5° 6 | 28°48 | 28°20 | 28°19 | 6°12 | S 28 |
| M29 | 6 32 9 | 7° 4'48 | 28°36 | 11° 4 | 22°51 | 26°40 | 25°28 | 21°34 | 9°32 | 9°26 | 5° 8 | 28°48 | 28°17 | 28°26 | 6°15 | M29 |
| T 30 | 6 36 5 | 8° 5'37 | 12 M .43 | 9°43 | 23°58 | 27°22 | 25°41 | 21°41 | 9°36 | 9°28 | 5°10 | 28°49 | 28°14 | 28°32 | 6°17 | T 30 |
| W31 | 6 40 2 | 9궁 6'28 | 27 IL 14 | 8 궁 20 | 25≈ 5 | 28 ∡ 4 | 25 る 55 | 21 る 48 | 9 .₹ 39 | 9 ∺ 29 | 5 る 12 | 28耳50 | 28 I I11 | 28∏39 | 6 ₽ 19 | W31 |

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|------|---------|----------|------------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|-----------------|---------------|--------------|---------------|------|
| T 1 | 6 43 58 | 10ට 7'19 | 12 ₹ 6 | 6°R58 | 26≈12 | 28 √ 47 | 26 궁 8 | 21 る 55 | 9 ,7 42 | 9) 30 | 5 궁 15 | 28 I I51 | 28 I 8 | 28Ⅲ46 | 6 ₽ 22 | T 1 |
| F 2 | 6 47 55 | 11° 8'12 | 27°12 | 5 云 40 | 27°19 | 29°30 | 26°22 | 22° 2 | 9°46 | 9°32 | 5°17 | 28°R51 | 28° 4 | 28°52 | 6°24 | F 2 |
| S 3 | 6 51 51 | 12° 9'06 | 12 る 24 | 4°27 | 28°26 | 0 궁 12 | 26°35 | 22° 9 | 9°49 | 9°33 | 5°19 | 28°51 | 28° 1 | 28°59 | 6°26 | S 3 |
| S 4 | 6 55 48 | 13°10'01 | 27°32 | 3°24 | 29°32 | 0°55 | 26°49 | 22°16 | 9°52 | 9°35 | 5°22 | 28°50 | 27°58 | 29° 6 | 6°28 | S 4 |
| M 5 | 6 59 45 | 14°10'57 | 12≈28 | 2°29 | 0) €38 | 1°38 | 27° 3 | 22°23 | 9°56 | 9°36 | 5°24 | 28°48 | 27°55 | 29°12 | 6°29 | M 5 |
| T 6 | 7 3 41 | 15°11'53 | 27° 2 | 1°46 | 1°44 | 2°20 | 27°16 | 22°30 | 9°59 | 9°38 | 5°26 | 28°46 | 27°52 | 29°19 | 6°31 | T 6 |
| W 7 | 7 7 38 | 16°12'49 | 11) (10 | 1°14 | 2°50 | 3° 3 | 27°30 | 22°37 | 10° 2 | 9°39 | 5°29 | 28°44 | 27°49 | 29°26 | 6°33 | W 7 |
| T 8 | 7 11 34 | 17°13'47 | 24°50 | 0°52 | 3°55 | 3°46 | 27°44 | 22°44 | 10° 5 | 9°41 | 5°31 | 28°42 | 27°45 | 29°32 | 6°34 | T 8 |
| F 9 | 7 15 31 | 18°14'44 | 8 ℃ 3 | 0°42 | 5° 1 | 4°29 | 27°57 | 22°51 | 10° 9 | 9°42 | 5°33 | 28°41 | 27°42 | 29°39 | 6°36 | F 9 |
| S 10 | 7 19 27 | 19°15'42 | 20°50 | 0°D42 | 6° 6 | 5°12 | 28°11 | 22°58 | 10°12 | 9°44 | 5°35 | 28°D40 | 27°39 | 29°46 | 6°37 | S 10 |
| S 11 | 7 23 24 | 20°16'41 | 3 8 17 | 0°52 | 7°10 | 5°55 | 28°25 | 23° 5 | 10°15 | 9°45 | 5°38 | 28°41 | 27°36 | 29°52 | 6°38 | S 11 |
| M12 | 7 27 20 | 21°17'40 | 15°27 | 1°10 | 8°15 | 6°38 | 28°38 | 23°12 | 10°18 | 9°47 | 5°40 | 28°42 | 27°33 | 29°59 | 6°39 | M12 |
| T 13 | 7 31 17 | 22°18'39 | 27°25 | 1°36 | 9°19 | 7°21 | 28°52 | 23°20 | 10°21 | 9°49 | 5°42 | 28°44 | 27°29 | 0ණ 5 | 6°40 | T 13 |
| W14 | 7 35 14 | 23°19'39 | 9∏16 | 2° 9 | 10°22 | 8° 4 | 29° 6 | 23°27 | 10°24 | 9°50 | 5°44 | 28°46 | 27°26 | 0°12 | 6°40 | W14 |
| T 15 | 7 39 10 | 24°20'39 | 21° 3 | 2°49 | 11°26 | 8°47 | 29°20 | 23°34 | 10°27 | 9°52 | 5°47 | 28°47 | 27°23 | 0°19 | 6°41 | T 15 |
| F 16 | 7 43 7 | 25°21'39 | 2950 | 3°35 | 12°29 | 9°30 | 29°34 | 23°41 | 10°30 | 9°54 | 5°49 | 28°R47 | 27°20 | 0°25 | 6°42 | F 16 |
| S 17 | 7 47 3 | 26°22'40 | 14°40 | 4°26 | 13°32 | 10°13 | 29°47 | 23°48 | 10°33 | 9°56 | 5°51 | 28°46 | 27°17 | 0°32 | 6°42 | S 17 |
| S 18 | 7 51 0 | 27°23'41 | 26°35 | 5°21 | 14°34 | 10°56 | 0≈ 1 | 23°55 | 10°36 | 9°57 | 5°53 | 28°43 | 27°14 | 0°39 | 6°42 | S 18 |
| M19 | 7 54 56 | 28°24'43 | 8 Ω 38 | 6°20 | 15°36 | 11°40 | 0°15 | 24° 2 | 10°38 | 9°59 | 5°55 | 28°39 | 27°10 | 0°45 | 6°42 | M19 |
| T 20 | 7 58 53 | 29°25'45 | 20°49 | 7°22 | 16°38 | 12°23 | 0°29 | 24° 9 | 10°41 | 10° 1 | 5°58 | 28°34 | 27° 7 | 0°52 | 6°R43 | T 20 |
| W21 | 8 2 50 | 0≈26'47 | 3 m 10 | 8°28 | 17°39 | 13° 7 | 0°43 | 24°16 | 10°44 | 10° 3 | 6° 0 | 28°28 | 27° 4 | 0°59 | 6°42 | W21 |
| T 22 | 8 6 46 | 1°27'50 | 15°42 | 9°36 | 18°40 | 13°50 | 0°57 | 24°23 | 10°47 | 10° 5 | 6° 2 | 28°22 | 27° 1 | 1° 5 | 6°42 | T 22 |
| F 23 | 8 10 43 | 2°28'53 | 28°27 | 10°47 | 19°40 | 14°33 | 1°10 | 24°30 | 10°49 | 10° 7 | 6° 4 | 28°17 | 26°58 | 1°12 | 6°42 | F 23 |
| S 24 | 8 14 39 | 3°29'57 | 11 ≏ 27 | 12° 0 | 20°41 | 15°17 | 1°24 | 24°38 | 10°52 | 10° 9 | 6° 6 | 28°14 | 26°55 | 1°19 | 6°42 | S 24 |
| S 25 | 8 18 36 | 4°31'01 | 24°42 | 13°15 | 21°40 | 16° 1 | 1°38 | 24°45 | 10°55 | 10°10 | 6° 8 | 28°11 | 26°51 | 1°25 | 6°41 | S 25 |
| M26 | 8 22 32 | 5°32'05 | 8 M J15 | 14°32 | 22°39 | 16°44 | 1°52 | 24°52 | 10°57 | 10°12 | 6°10 | 28°D11 | 26°48 | 1°32 | 6°40 | M26 |
| T 27 | 8 26 29 | 6°33'10 | 22° 8 | 15°50 | 23°38 | 17°28 | 2° 6 | 24°59 | 11° 0 | 10°14 | 6°12 | 28°12 | 26°45 | 1°39 | 6°40 | T 27 |
| W28 | 8 30 25 | 7°34'16 | 6 ₹ 20 | 17° 9 | 24°36 | 18°12 | 2°20 | 25° 6 | 11° 2 | 10°16 | 6°14 | 28°13 | 26°42 | 1°45 | 6°39 | W28 |
| T 29 | 8 34 22 | 8°35'21 | 20°51 | 18°30 | 25°34 | 18°55 | 2°33 | 25°13 | 11° 5 | 10°18 | 6°16 | 28°R14 | 26°39 | 1°52 | 6°38 | T 29 |
| F 30 | 8 38 19 | 9°36'28 | 5 군 36 | 19°52 | 26°31 | 19°39 | 2°47 | 25°20 | 11° 7 | 10°20 | 6°18 | 28°14 | 26°35 | 1°58 | 6°37 | F 30 |
| S 31 | 8 42 15 | 10≈37'34 | 20 る 31 | 21 궁 15 | 27) 27 | 20 る 23 | 3≈ 1 | 25 る 27 | 11 才 9 | 10 ∺ 22 | 6 පි 20 | 28 I I3 | 26耳32 | 2 9 5 | 6 ₽ 35 | S 31 |

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| S 1 | 8 46 12 | 11≈38'40 | 5≈29 | 22 る 38 | 28 米 23 | 21궁 7 | 3≈15 | 25 る 34 | 11 × 12 | 10 ∺ 24 | 6 궁 22 | 28°R 8 | 26Ⅱ29 | 29512 | 6°R34 | S 1 |
| M 2 | 8 50 8 | 12°39'46 | 20°20 | 24° 3 | 29°19 | 21°51 | 3°29 | 25°40 | 11°14 | 10°27 | 6°24 | 28Ⅲ 2 | 26°26 | 2°18 | 6 ₽ 33 | M 2 |
| T 3 | 8 54 5 | 13°40'52 | 4) (55 | 25°29 | 0 Υ 13 | 22°35 | 3°42 | 25°47 | 11°16 | 10°29 | 6°26 | 27°55 | 26°23 | 2°25 | 6°31 | T 3 |
| W 4 | 8 58 1 | 14°41'58 | 19° 9 | 26°55 | 1°8 | 23°19 | 3°56 | 25°54 | 11°18 | 10°31 | 6°28 | 27°47 | 26°20 | 2°32 | 6°29 | W 4 |
| T 5 | 9 1 58 | 15°43'03 | 2 Ƴ 57 | 28°22 | 2° 1 | 24° 3 | 4°10 | 26° 1 | 11°21 | 10°33 | 6°30 | 27°40 | 26°16 | 2°38 | 6°28 | T 5 |
| F 6 | 9 5 54 | 16°44'07 | 16°17 | 29°49 | 2°54 | 24°47 | 4°24 | 26° 8 | 11°23 | 10°35 | 6°32 | 27°34 | 26°13 | 2°45 | 6°26 | F 6 |
| S 7 | 9 9 5 1 | 17°45'11 | 29°11 | 1≈18 | 3°46 | 25°31 | 4°37 | 26°15 | 11°25 | 10°37 | 6°34 | 27°30 | 26°10 | 2°52 | 6°24 | S 7 |
| S 8 | 9 13 48 | 18°46'15 | 11841 | 2°46 | 4°37 | 26°15 | 4°51 | 26°21 | 11°27 | 10°39 | 6°36 | 27°28 | 26° 7 | 2°58 | 6°22 | S 8 |
| M 9 | 9 17 44 | 19°47'18 | 23°52 | 4°16 | 5°28 | 27° 0 | 5° 5 | 26°28 | 11°29 | 10°41 | 6°38 | 27°D27 | 26° 4 | 3° 5 | 6°20 | M 9 |
| T 10 | 9 21 41 | 20°48'20 | 5 Ⅱ 50 | 5°46 | 6°17 | 27°44 | 5°18 | 26°35 | 11°31 | 10°43 | 6°39 | 27°28 | 26° 0 | 3°12 | 6°17 | T 10 |
| W11 | 9 25 37 | 21°49'22 | 17°39 | 7°17 | 7° 6 | 28°28 | 5°32 | 26°42 | 11°32 | 10°46 | 6°41 | 27°29 | 25°57 | 3°18 | 6°15 | W11 |
| T 12 | 9 29 34 | 22°50'22 | 29°25 | 8°48 | 7°54 | 29°12 | 5°46 | 26°48 | 11°34 | 10°48 | 6°43 | 27°R30 | 25°54 | 3°25 | 6°12 | T 12 |
| F 13 | 9 33 30 | 23°51'23 | 119913 | 10°20 | 8°41 | 29°57 | 5°59 | 26°55 | 11°36 | 10°50 | 6°45 | 27°29 | 25°51 | 3°31 | 6°10 | F 13 |
| S 14 | 9 37 27 | 24°52'22 | 23° 7 | 11°52 | 9°27 | 0≈41 | 6°13 | 27° 1 | 11°38 | 10°52 | 6°46 | 27°25 | 25°48 | 3°38 | 6° 7 | S 14 |
| S 15 | 9 41 23 | 25°53'21 | 5 Ω 10 | 13°25 | 10°12 | 1°26 | 6°26 | 27° 8 | 11°39 | 10°54 | 6°48 | 27°19 | 25°45 | 3°45 | 6° 4 | S 15 |
| M16 | 9 45 20 | 26°54'19 | 17°24 | 14°59 | 10°56 | 2°10 | 6°40 | 27°14 | 11°41 | 10°57 | 6°50 | 27°11 | 25°41 | 3°51 | 6° 1 | M16 |
| T 17 | 9 49 17 | 27°55'16 | 29°50 | 16°33 | 11°39 | 2°55 | 6°53 | 27°21 | 11°42 | 10°59 | 6°51 | 27° 0 | 25°38 | 3°58 | 5°58 | T 17 |
| W18 | 9 53 13 | 28°56'12 | 12 m y30 | 18° 7 | 12°20 | 3°39 | 7° 6 | 27°27 | 11°44 | 11° 1 | 6°53 | 26°48 | 25°35 | 4° 5 | 5°55 | W18 |
| T 19 | 9 57 10 | 29°57'08 | 25°22 | 19°43 | 13° 1 | 4°24 | 7°20 | 27°34 | 11°45 | 11° 3 | 6°55 | 26°37 | 25°32 | 4°11 | 5°52 | T 19 |
| F 20 | 10 1 6 | 0) € 58'03 | 8 ≏ 26 | 21°19 | 13°40 | 5° 9 | 7°33 | 27°40 | 11°47 | 11° 6 | 6°56 | 26°26 | 25°29 | 4°18 | 5°49 | F 20 |
| S 21 | 10 5 3 | 1°58'58 | 21°41 | 22°55 | 14°18 | 5°53 | 7°46 | 27°46 | 11°48 | 11° 8 | 6°58 | 26°18 | 25°26 | 4°25 | 5°46 | S 21 |
| S 22 | 10 8 59 | 2°59'52 | 5 M 8 | 24°33 | 14°55 | 6°38 | 8° 0 | 27°53 | 11°49 | 11°10 | 6°59 | 26°12 | 25°22 | 4°31 | 5°42 | S 22 |
| M23 | 10 12 56 | 4° 0'45 | 18°45 | 26°11 | 15°31 | 7°23 | 8°13 | 27°59 | 11°51 | 11°12 | 7° 1 | 26° 8 | 25°19 | 4°38 | 5°39 | M23 |
| T 24 | 10 16 52 | 5° 1'38 | 2 ₹ 34 | 27°49 | 16° 5 | 8° 8 | 8°26 | 28° 5 | 11°52 | 11°15 | 7° 2 | 26°D 7 | 25°16 | 4°45 | 5°35 | T 24 |
| W25 | 10 20 49 | 6° 2'31 | 16°34 | 29°29 | 16°37 | 8°52 | 8°39 | 28°11 | 11°53 | 11°17 | 7° 3 | 26° 8 | 25°13 | 4°51 | 5°31 | W25 |
| T 26 | 10 24 46 | 7° 3'23 | 0 ප 46 | 1 米 9 | 17° 8 | 9°37 | 8°52 | 28°17 | 11°54 | 11°19 | 7° 5 | 26°R 8 | 25°10 | 4°58 | 5°28 | T 26 |
| F 27 | 10 28 42 | 8° 4'14 | 15° 7 | 2°50 | 17°38 | 10°22 | 9° 5 | 28°23 | 11°55 | 11°21 | 7° 6 | 26° 6 | 25° 6 | 5° 5 | 5°24 | F 27 |
| S 28 | 10 32 39 | 9 米 5′04 | 29 る 37 | 4) (31 | 18 ° 5 | 11≈ 7 | 9≈18 | 28 궁 29 | 11 ×7 56 | 11 米 24 | 7 궁 8 | 26耳 3 | 25 I I 3 | 59911 | 5 ≏ 20 | S 28 |

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|------|----------|-------------------|----------------|----------------|----------------|-----------------|-------|----------------|-----------------|----------------|---------------|----------------|----------------|-------|---------------|------|
| S 1 | 10 36 35 | 10 米 5′54 | 14≈ 9 | 6 光 14 | 18 Y 32 | 11≈52 | 9≈31 | 28 ට 35 | 11 .7 57 | 11 米 26 | 7る 9 | 25°R56 | 25耳 0 | 59918 | 5°R16 | S 1 |
| M 2 | 10 40 32 | 11° 6'42 | 28°39 | 7°57 | 18°56 | 12°37 | 9°44 | 28°41 | 11°58 | 11°28 | 7°10 | 25 Ⅱ 47 | 24°57 | 5°24 | 5 ≏ 12 | M 2 |
| T 3 | 10 44 28 | 12° 7'30 | 12) 59 | 9°40 | 19°18 | 13°22 | 9°57 | 28°47 | 11°59 | 11°31 | 7°11 | 25°35 | 24°54 | 5°31 | 5° 8 | T 3 |
| W 4 | 10 48 25 | 13° 8'16 | 27° 3 | 11°25 | 19°39 | 14° 7 | 10° 9 | 28°53 | 11°59 | 11°33 | 7°13 | 25°23 | 24°51 | 5°38 | 5° 4 | W 4 |
| T 5 | 10 52 21 | 14° 9'01 | 10 Υ 46 | 13°10 | 19°58 | 14°53 | 10°22 | 28°58 | 12° 0 | 11°35 | 7°14 | 25°11 | 24°47 | 5°44 | 5° 0 | T 5 |
| F 6 | 10 56 18 | 15° 9'44 | 24° 6 | 14°57 | 20°14 | 15°38 | 10°35 | 29° 4 | 12° 1 | 11°37 | 7°15 | 25° 0 | 24°44 | 5°51 | 4°56 | F 6 |
| S 7 | 11 0 14 | 16°10'27 | 7 8 1 | 16°44 | 20°29 | 16°23 | 10°47 | 29°10 | 12° 1 | 11°40 | 7°16 | 24°52 | 24°41 | 5°58 | 4°51 | S 7 |
| S 8 | 11 411 | 17°11'08 | 19°33 | 18°31 | 20°41 | 17° 8 | 11° 0 | 29°15 | 12° 2 | 11°42 | 7°17 | 24°47 | 24°38 | 6° 4 | 4°47 | S 8 |
| M 9 | 11 8 8 | 18°11'47 | 1 Ⅱ 47 | 20°20 | 20°52 | 17°53 | 11°12 | 29°21 | 12° 2 | 11°44 | 7°18 | 24°44 | 24°35 | 6°11 | 4°43 | M 9 |
| T 10 | 11 12 4 | 19°12'25 | 13°46 | 22° 9 | 20°59 | 18°39 | 11°25 | 29°26 | 12° 3 | 11°47 | 7°19 | 24°43 | 24°32 | 6°18 | 4°38 | T 10 |
| W1 1 | 11 16 1 | 20°13'01 | 25°37 | 23°59 | 21° 5 | 19°24 | 11°37 | 29°31 | 12° 3 | 11°49 | 7°20 | 24°43 | 24°28 | 6°24 | 4°34 | W11 |
| T 12 | 11 19 57 | 21°13'36 | 79524 | 25°49 | 21° 8 | 20° 9 | 11°49 | 29°37 | 12° 3 | 11°51 | 7°21 | 24°43 | 24°25 | 6°31 | 4°29 | T 12 |
| F 13 | 11 23 54 | 22°14'09 | 19°14 | 27°40 | 21°R 9 | 20°55 | 12° 2 | 29°42 | 12° 4 | 11°53 | 7°22 | 24°41 | 24°22 | 6°38 | 4°25 | F 13 |
| S 14 | 11 27 50 | 23°14'40 | 1 \O 11 | 29°31 | 21° 7 | 21°40 | 12°14 | 29°47 | 12° 4 | 11°56 | 7°23 | 24°37 | 24°19 | 6°44 | 4°20 | S 14 |
| S 15 | 11 31 47 | 24°15'10 | 13°19 | 1 Υ 23 | 21° 3 | 22°26 | 12°26 | 29°52 | 12° 4 | 11°58 | 7°24 | 24°30 | 24°16 | 6°51 | 4°15 | S 15 |
| M16 | 11 35 43 | 25°15'38 | 25°42 | 3°15 | 20°56 | 23°11 | 12°38 | 29°57 | 12° 4 | 12° 0 | 7°25 | 24°20 | 24°12 | 6°58 | 4°11 | M16 |
| T 17 | 11 39 40 | 26°16'04 | 8 m 23 | 5° 7 | 20°47 | 23°57 | 12°50 | 0≈ 2 | 12°R 4 | 12° 2 | 7°26 | 24° 8 | 24° 9 | 7° 4 | 4° 6 | T 17 |
| W18 | 11 43 37 | 27°16'29 | 21°20 | 6°59 | 20°35 | 24°42 | 13° 2 | 0° 7 | 12° 4 | 12° 4 | 7°26 | 23°55 | 24° 6 | 7°11 | 4° 1 | W18 |
| T 19 | 11 47 33 | 28°16'52 | 4 Ω 34 | 8°50 | 20°21 | 25°28 | 13°13 | 0°12 | 12° 4 | 12° 7 | 7°27 | 23°41 | 24° 3 | 7°17 | 3°57 | T 19 |
| F 20 | 11 51 30 | 29°17'14 | 18° 2 | 10°41 | 20° 4 | 26°13 | 13°25 | 0°17 | 12° 4 | 12° 9 | 7°28 | 23°29 | 24° 0 | 7°24 | 3°52 | F 20 |
| S 21 | 11 55 26 | 0 ℃ 17'34 | 1 M .42 | 12°30 | 19°45 | 26°59 | 13°37 | 0°21 | 12° 4 | 12°11 | 7°29 | 23°19 | 23°57 | 7°31 | 3°47 | S 21 |
| S 22 | 11 59 23 | 1°17'53 | 15°31 | 14°19 | 19°23 | 27°45 | 13°48 | 0°26 | 12° 3 | 12°13 | 7°29 | 23°12 | 23°53 | 7°37 | 3°42 | S 22 |
| M23 | 12 3 19 | 2°18'10 | 29°26 | 16° 6 | 19° 0 | 28°30 | 14° 0 | 0°30 | 12° 3 | 12°15 | 7°30 | 23° 8 | 23°50 | 7°44 | 3°38 | M23 |
| T 24 | 12 7 16 | 3°18'26 | 13 × 26 | 17°50 | 18°34 | 29°16 | 14°11 | 0°35 | 12° 3 | 12°18 | 7°30 | 23° 6 | 23°47 | 7°51 | 3°33 | T 24 |
| W25 | 12 11 12 | 4°18'41 | 2 <u>7</u> °28 | 19°32 | 18° 6 | 0₩ 2 | 14°22 | 0°39 | 12° 2 | 12°20 | 7°31 | 23° 6 | 23°44 | 7°57 | 3°28 | W25 |
| T 26 | 12 15 9 | 5°18'55 | 11 る 34 | 21°11 | 17°36 | 0°47 | 14°33 | 0°44 | 12° 2 | 12°22 | 7°31 | 23° 6 | 23°41 | 8° 4 | 3°23 | T 26 |
| F 27 | 12 19 6 | 6°19'07 | 25°41 | 22°46 | 17° 5 | 1°33 | 14°44 | 0°48 | 12° 1 | 12°24 | 7°32 | 23° 5 | 23°38 | 8°11 | 3°19 | F 27 |
| S 28 | 12 23 2 | 7°19'18 | 9 ≈ 49 | 24°17 | 16°32 | 2°19 | 14°55 | 0°52 | 12° 1 | 12°26 | 7°32 | 23° 1 | 23°34 | 8°17 | 3°14 | S 28 |
| S 29 | 12 26 59 | 8°19'27 | 23°55 | 25°43 | 15°57 | 3° 5 | 15° 6 | 0°56 | 12° 0 | 12°28 | 7°33 | 22°55 | 23°31 | 8°24 | 3° 9 | S 29 |
| M30 | 12 30 55 | 9°19'34 | 7 ∺ 57 | 27° 4 | 15°22 | 3°51 | 15°17 | 1° 0 | 12° 0 | 12°30 | <u>7°33</u> | 22°46 | 23°28 | 8°31 | 3° 4 | M30 |
| T 31 | 12 34 52 | 10 Υ 19'40 | 21 米 50 | 28 Y 19 | 14 Y 46 | 4) (37 | 15≈28 | 1≈ 4 | 11 ∡ 759 | 12 ∺ 32 | 7 궁 33 | 22 Ⅱ 35 | 23 Ⅱ 25 | 8937 | 3 ₾ 0 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | v | Ω | Ç | ç | Day |
|------|----------|-------------------|----------------|----------------|----------------|-----------------|-------|------|-----------------|------------------|---------------|-----------------|----------------|-------|---------------|------|
| W 1 | 12 38 48 | 11 Y 19'45 | 5 Υ 31 | 29 Y 28 | 14°R 9 | 5) 23 | 15≈39 | 1≈ 8 | 11°R58 | 12) (34 | 7 궁 34 | 22°R23 | 23Ⅱ22 | 89544 | 2°R55 | W 1 |
| T 2 | 12 42 45 | 12°19'47 | 18°57 | 0 8 29 | 13 Y 31 | 6° 9 | 15°49 | 1°12 | 11 .7 57 | 12°37 | 7°34 | 22 I I11 | 23°18 | 8°51 | 2 ≏ 50 | T 2 |
| F 3 | 12 46 41 | 13°19'48 | 2 8 4 | 1°23 | 12°54 | 6°55 | 15°59 | 1°15 | 11°56 | 12°39 | 7°34 | 22° 1 | 23°15 | 8°57 | 2°46 | F 3 |
| S 4 | 12 50 38 | 14°19'47 | 14°51 | 2°10 | 12°17 | 7°40 | 16°10 | 1°19 | 11°55 | 12°41 | 7°34 | 21°52 | 23°12 | 9° 4 | 2°41 | S 4 |
| S 5 | 12 54 34 | 15°19'44 | 27°20 | 2°48 | 11°40 | 8°26 | 16°20 | 1°22 | 11°54 | 12°43 | 7°35 | 21°47 | 23° 9 | 9°10 | 2°36 | S 5 |
| M 6 | 12 58 31 | 16°19'38 | 9∏33 | 3°18 | 11° 3 | 9°12 | 16°30 | 1°26 | 11°53 | 12°45 | 7°35 | 21°44 | 23° 6 | 9°17 | 2°32 | M 6 |
| T 7 | 13 2 28 | 17°19'31 | 21°32 | 3°39 | 10°28 | 9°59 | 16°40 | 1°29 | 11°52 | 12°47 | 7°35 | 21°D43 | 23° 3 | 9°24 | 2°27 | T 7 |
| W 8 | 13 6 24 | 18°19'22 | 39524 | 3°52 | 9°53 | 10°45 | 16°50 | 1°32 | 11°51 | 12°48 | 7°35 | 21°44 | 22°59 | 9°30 | 2°23 | W 8 |
| T 9 | 13 10 21 | 19°19'11 | 15°12 | 3°R56 | 9°20 | 11°31 | 17° 0 | 1°36 | 11°50 | 12°50 | 7°R35 | 21°R44 | 22°56 | 9°37 | 2°18 | T 9 |
| F 10 | 13 14 17 | 20°18'57 | 27° 2 | 3°52 | 8°48 | 12°17 | 17° 9 | 1°39 | 11°49 | 12°52 | 7°35 | 21°44 | 22°53 | 9°44 | 2°14 | F 10 |
| S 11 | 13 18 14 | 21°18'42 | 9Ω 0 | 3°40 | 8°18 | 13° 3 | 17°19 | 1°42 | 11°48 | 12°54 | 7°35 | 21°42 | 22°50 | 9°50 | 2°10 | S 11 |
| S 12 | 13 22 10 | 22°18'24 | 21°11 | 3°20 | 7°50 | 13°49 | 17°28 | 1°44 | 11°46 | 12°56 | 7°35 | 21°38 | 22°47 | 9°57 | 2° 5 | S 12 |
| M13 | 13 26 7 | 23°18'04 | 3 m 38 | 2°53 | 7°23 | 14°35 | 17°38 | 1°47 | 11°45 | 12°58 | 7°35 | 21°32 | 22°43 | 10° 4 | 2° 1 | M13 |
| T 14 | 13 30 3 | 24°17'41 | 16°26 | 2°19 | 6°59 | 15°21 | 17°47 | 1°50 | 11°43 | 13° 0 | 7°35 | 21°24 | 22°40 | 10°10 | 1°57 | T 14 |
| W15 | 13 34 0 | 25°17'17 | 29°35 | 1°40 | 6°37 | 16° 7 | 17°56 | 1°53 | 11°42 | 13° 2 | 7°34 | 21°14 | 22°37 | 10°17 | 1°53 | W15 |
| T 16 | 13 37 57 | 26°16'51 | 13 ♀ 6 | 0°56 | 6°18 | 16°53 | 18° 5 | 1°55 | 11°41 | 13° 3 | 7°34 | 21° 5 | 22°34 | 10°24 | 1°49 | T 16 |
| F 17 | 13 41 53 | 27°16'22 | 26°55 | 0° 9 | 6° 0 | 17°40 | 18°14 | 1°57 | 11°39 | 13° 5 | 7°34 | 20°56 | 22°31 | 10°30 | 1°45 | F 17 |
| S 18 | 13 45 50 | 28°15'52 | 11 M 0 | 29 Υ 18 | 5°45 | 18°26 | 18°23 | 2° 0 | 11°37 | 13° 7 | 7°34 | 20°49 | 22°28 | 10°37 | 1°41 | S 18 |
| S 19 | 13 49 46 | 29°15'20 | 25°16 | 28°27 | 5°33 | 19°12 | 18°31 | 2° 2 | 11°36 | 13° 9 | 7°33 | 20°44 | 22°24 | 10°44 | 1°37 | S 19 |
| M20 | 13 53 43 | 0 8 14'46 | 9 .₹ 37 | 27°34 | 5°23 | 19°58 | 18°40 | 2° 4 | 11°34 | 13°10 | 7°33 | 20°41 | 22°21 | 10°50 | 1°33 | M20 |
| T 21 | 13 57 39 | 1°14'10 | 2 <u>3</u> °59 | 26°43 | 5°16 | 20°45 | 18°48 | 2° 6 | 11°32 | 13°12 | 7°33 | 20°D41 | 22°18 | 10°57 | 1°29 | T 21 |
| W22 | 14 1 36 | 2°13'33 | 8ਰ18 | 25°53 | 5°11 | 21°31 | 18°56 | 2° 8 | 11°31 | 13°14 | 7°32 | 20°42 | 22°15 | 11° 4 | 1°25 | W22 |
| T 23 | 14 5 32 | 3°12'54 | 22°32 | 25° 5 | 5° 8 | 22°17 | 19° 4 | 2°10 | 11°29 | 13°15 | 7°32 | 20°43 | 22°12 | 11°10 | 1°22 | T 23 |
| F 24 | 14 9 29 | 4°12'14 | 6≈38 | 24°21 | 5°D 8 | 23° 3 | 19°12 | 2°12 | 11°27 | 13°17 | 7°31 | 20°R43 | 22° 9 | 11°17 | 1°18 | F 24 |
| S 25 | 14 13 26 | 5°11'31 | 20°36 | 23°40 | 5°10 | 23°50 | 19°20 | 2°13 | 11°25 | 13°19 | 7°31 | 20°42 | 22° 5 | 11°23 | 1°15 | S 25 |
| S 26 | 14 17 22 | 6°10'47 | 4) €25 | 23° 5 | 5°15 | 24°36 | 19°28 | 2°15 | 11°23 | 13°20 | 7°30 | 20°39 | 22° 2 | 11°30 | 1°11 | S 26 |
| M27 | 14 21 19 | 7°10'02 | 18° 4 | 22°34 | 5°22 | 25°22 | 19°35 | 2°17 | 11°22 | 13°22 | 7°30 | 20°34 | 21°59 | 11°37 | 1°8 | M27 |
| T 28 | 14 25 15 | 8° 9'14 | 1 Y 31 | 22° 8 | 5°31 | 26° 8 | 19°42 | 2°18 | 11°20 | 13°23 | 7°29 | 20°27 | 21°56 | 11°43 | 1° 5 | T 28 |
| W29 | 14 29 12 | 9° 8'25 | 14°47 | 21°48 | 5°42 | 26°55 | 19°50 | 2°19 | 11°18 | 13°25 | <u>7°29</u> | 20°20 | 21°53 | 11°50 | 1° 2 | W29 |
| T 30 | 14 33 8 | 108 7'34 | 27 Y 48 | 21 Y 33 | 5 Υ 56 | 27) (41 | 19≈57 | 2≈20 | 11 ∡ 16 | 13 ∺ 26 | 7 云 28 | 20耳13 | 21 Ⅱ 49 | 11957 | 0 ჲ 59 | T 30 |

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|--------------|----------------------|--------------------|------------------------|----------------|----------------|----------------|----------------|--------------|-----------------|----------------|----------------|----------------|----------------|----------------|---------------|--------------|
| F 1 | 14 37 5 | 118 6'41 | 10 8 35 | 21°R24 | 6 Υ 11 | 28) 27 | 20≈ 4 | 2≈21 | 11°R14 | 13 米 27 | 7°R27 | 20°R 7 | 21耳46 | 1295 3 | 0°R56 | F 1 |
| S 2 | 14 41 1 | 12° 5'46 | 23° 8 | 21°D20 | 6°29 | 29°14 | 20°10 | 2°22 | 11 .7 11 | 13°29 | 7 云 27 | 20耳 2 | 21°43 | 12°10 | ე ჲ 53 | S 2 |
| S 3 | 14 44 58 | 13° 4'49 | 5П26 | 21 Y 22 | 6°48 | 0Υ 0 | 20°17 | 2°23 | 11° 9 | 13°30 | 7°26 | 19°59 | 21°40 | 12°17 | 0°50 | S 3 |
| M 4 | 14 48 55 | 14° 3'50 | 17°33 | 21°29 | 7° 9 | 0°46 | 20°24 | 2°24 | 11° 7 | 13°32 | 7°25 | 19°D58 | 21°37 | 12°23 | 0°48 | M 4 |
| T 5 | 14 52 51 | 15° 2'49 | 29°30 | 21°41 | 7°32 | 1°33 | 20°30 | 2°25 | 11° 5 | 13°33 | 7°24 | 19°58 | 21°34 | 12°30 | 0°45 | T 5 |
| W 6 | 14 56 48 | 16° 1'46 | 119520 | 21°58 | 7°57 | 2°19 | 20°36 | 2°25 | 11° 3 | 13°34 | 7°24 | 20° 0 | 21°30 | 12°37 | 0°42 | W 6 |
| T 7 | 15 0 44 | 17° 0'41 | 23° 8 | 22°20 | 8°23 | 3° 5 | 20°42 | 2°26 | 11° 1 | 13°36 | 7°23 | 20° 2 | 21°27 | 12°43 | 0°40 | T 7 |
| F 8 | 15 441 | 17°59'33 | 4Ω58 | 22°46 | 8°51 | 3°52 | 20°48 | 2°26 | 10°58 | 13°37 | 7°22 | 20° 3 | 21°24 | 12°50 | 0°38 | F 8 |
| S 9 | 15 8 37 | 18°58'23 | 16°56 | 23°16 | 9°20 | 4°38 | 20°54 | 2°26 | 10°56 | 13°38 | 7°21 | 20°R 4 | 21°21 | 12°57 | 0°36 | S 9 |
| S 10 | 15 12 34 | 19°57'12 | 29° 6 | 23°51 | 9°51 | 5°24 | 20°59 | 2°27 | 10°54 | 13°39 | 7°20 | 20° 4 | 21°18 | 13° 3 | 0°34 | S 10 |
| M11 | 15 16 30 | 20°55'58 | 11 m /33 | 24°30 | 10°24 | 6°10 | 21° 4 | 2°R27 | 10°51 | 13°40 | 7°19 | 20° 2 | 21°15 | 13°10 | 0°32 | M11 |
| T 12 | 15 20 27 | 21°54'41 | 24°20 | 25°12 | 10°57 | 6°57 | 21°10 | 2°27 | 10°49 | 13°41 | 7°18 | 19°59 | 21°11 | 13°17 | 0°30 | T 12 |
| W13 | 15 24 24 | 22°53'23 | 7 ≙ 32 | 25°58 | 11°32 | 7°43 | 21°15 | 2°27 | 10°47 | 13°43 | 7°17 | 19°55 | 21° 8 | 13°23 | 0°28 | W13 |
| T 14 | 15 28 20 | 23°52'02 | 21° 9 | 26°48 | 12° 9 | 8°29 | 21°20 | 2°26 | 10°44 | 13°44 | 7°16 | 19°51 | 21° 5 | 13°30 | 0°26 | T 14 |
| F 15 | 15 32 17 | 24°50'40 | 5 M _10 | 27°40 | 12°46 | 9°15 | 21°24 | 2°26 | 10°42 | 13°45 | 7°15 | 19°48 | 21° 2 | 13°37 | 0°25 | F 15 |
| S 16 | 15 36 13 | 25°49'16 | 19°31 | 28°36 | 13°25 | 10° 2 | 21°29 | 2°26 | 10°40 | 13°46 | 7°14 | 19°45 | 20°59 | 13°43 | 0°23 | S 16 |
| S 17 | 15 40 10 | 26°47'49 | 4 才 9 | 29°35 | 14° 5 | 10°48 | 21°33 | 2°25 | 10°37 | 13°47 | 7°13 | 19°43 | 20°55 | 13°50 | 0°22 | S 17 |
| M18 | 15 44 6 | 27°46'21 | 18°55 | 0 8 37 | 14°46 | 11°34 | 21°37 | 2°25 | 10°35 | 13°48 | 7°12 | 19°D42 | 20°52 | 13°57 | 0°21 | M18 |
| T 19 | 15 48 3 | 28°44'52 | 3 궁 43 | 1°41 | 15°28 | 12°20 | 21°41 | 2°24 | 10°32 | 13°48 | 7°11 | 19°43 | 20°49 | 14° 3 | 0°20 | T 19 |
| W20 | 15 51 59 | 29°43'21 | 18°26 | 2°48 | 16°11 | 13° 7 | 21°45 | 2°23 | 10°30 | 13°49 | 7° 9 | 19°44 | 20°46 | 14°10 | 0°19 | W20 |
| T 21 | 15 55 56 | 0 ∏ 41'48 | 2≈59 | 3°58 | 16°55 | 13°53 | 21°49 | 2°22 | 10°27 | 13°50 | 7° 8 | 19°45 | 20°43 | 14°17 | 0°18 | T 21 |
| F 22 | 15 59 53 | 1°40'13 | 17°17 | 5°10 | 17°40 | 14°39 | 21°52 | 2°21 | 10°25 | 13°51 | 7° 7 | 19°46 | 20°40 | 14°23 | 0°17 | F 22 |
| S 23 | 16 3 49 | 2°38'38 | 1 米 18 | 6°24 | 18°25 | 15°25 | 21°56 | 2°20 | 10°22 | 13°52 | 7° 6 | 19°R47 | 20°36 | 14°30 | 0°16 | S 23 |
| S 24 | 16 7 46 | 3°37'00 | 15° 1 | 7°41 | 19°12 | 16°11 | 21°59 | 2°19 | 10°20 | 13°53 | 7° 5 | 19°46 | 20°33 | 14°36 | 0°16 | S 24 |
| M25 | 16 11 42 | 4°35'21 | 28°28 | 9° 0 | 20° 0 | 16°58 | 22° 2 | 2°18 | 10°17 | 13°53 | 7° 3 | 19°45 | 20°30 | 14°43 | 0°15 | M25 |
| T 26 | 16 15 39 | 5°33'41 | 11 ° 37 | 10°21 | 20°48 | 17°44 | 22° 5 | 2°16 | 10°15 | 13°54 | 7° 2 | 19°44 | 20°27 | 14°50 | 0°15 | T 26 |
| W27 | 16 19 35 | 6°31'59 | 24°31 | 11°44 | 21°37 | 18°30 | 22° 7 | 2°15 | 10°12 | 13°55 | 7° 1 | 19°42 | 20°24 | 14°56 | 0°14 | W27 |
| T 28 | 16 23 32 | 7°30'16 | 7811 | 13°10 | 22°27 | 19°16 | 22°10 | 2°13 | 10°10 | 13°55 | 6°59 | 19°40 | 20°21 | 15° 3 | 0°14 | T 28 |
| F 29 S 30 | 16 27 28 16 31 25 | 8°28'31 9°26'45 | 19°39 1 Ⅲ 54 | 14°37 16° 7 | 23°17 24° 8 | 20° 2 20°48 | 22°12 22°14 | 2°12 2°10 | 10° 7 10° 5 | 13°56 13°56 | 6°58 6°57 | 19°39 19°38 | 20°17 20°14 | 15°10 15°16 | 0°D14 0°14 | F 29 S 30 |
| | | | | | | - | | | | | | | - | | | |
| S 31 | 16 35 22 | 10 Ⅱ 24'57 | 14耳 1 | 17 8 39 | 25 Y 0 | 21 Y 34 | 22≈16 | 2≈ 8 | 10 × 2 | 13 米 57 | 6 පි 55 | 19°D37 | 20 I I1 | 15923 | 0 ≏ 15 | S 31 |

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| M 1 | 16 39 18 | 11 II 23'08 | 25耳59 | 19 8 12 | 25 Y 52 | 22 Y 20 | 22≈17 | 2°R 6 | 10°R 0 | 13 米 57 | 6°R54 | 19 Ⅲ 37 | 20耳 8 | 15930 | 0 ≏ 15 | M 1 |
| T 2 | 16 43 15 | 12°21'17 | 7 9 51 | 20°48 | 26°45 | 23° 6 | 22°19 | 2≈ 4 | 9 ∡ 757 | 13°58 | 6 궁 52 | 19°37 | 20° 5 | 15°36 | 0°15 | T 2 |
| W 3 | 16 47 11 | 13°19'24 | 19°40 | 22°26 | 27°39 | 23°52 | 22°20 | 2° 2 | 9°55 | 13°58 | 6°51 | 19°38 | 20° 1 | 15°43 | 0°16 | W 3 |
| T 4 | 16 51 8 | 14°17'29 | 1 Ω 28 | 24° 5 | 28°33 | 24°38 | 22°21 | 2° 0 | 9°52 | 13°59 | 6°50 | 19°39 | 19°58 | 15°50 | 0°17 | T 4 |
| F 5 | 16 55 4 | 15°15'33 | 13°19 | 25°47 | 29°27 | 25°24 | 22°22 | 1°58 | 9°49 | 13°59 | 6°48 | 19°39 | 19°55 | 15°56 | 0°17 | F 5 |
| S 6 | 16 59 1 | 16°13'35 | 25°17 | 27°31 | 0823 | 26°10 | 22°23 | 1°55 | 9°47 | 13°59 | 6°47 | 19°40 | 19°52 | 16° 3 | 0°18 | S 6 |
| S 7 | 17 2 57 | 17°11'35 | 7 ™ 26 | 29°17 | 1°18 | 26°56 | 22°23 | 1°53 | 9°44 | 14° 0 | 6°45 | 19°40 | 19°49 | 16°10 | 0°19 | S 7 |
| M 8 | 17 6 54 | 18° 9'33 | 19°50 | 1 I I 4 | 2°14 | 27°42 | 22°24 | 1°50 | 9°42 | 14° 0 | 6°44 | 19°R40 | 19°46 | 16°16 | 0°21 | M 8 |
| T 9 | 17 10 51 | 19° 7'30 | 2 ≏ 34 | 2°54 | 3°11 | 28°28 | 22°R24 | 1°48 | 9°39 | 14° 0 | 6°42 | 19°40 | 19°42 | 16°23 | 0°22 | T 9 |
| W10 | 17 14 47 | 20° 5'24 | 15°41 | 4°46 | 4° 8 | 29°13 | 22°24 | 1°45 | 9°37 | 14° 0 | 6°41 | 19°D40 | 19°39 | 16°30 | 0°23 | W10 |
| T 11 | 17 18 44 | 21° 3'18 | 29°14 | 6°40 | 5° 5 | 29°59 | 22°24 | 1°43 | 9°34 | 14° 1 | 6°39 | 19°40 | 19°36 | 16°36 | 0°25 | T 11 |
| F 12 | 17 22 40 | 22° 1'09 | 13M14 | 8°35 | 6° 3 | 0845 | 22°23 | 1°40 | 9°32 | 14° 1 | 6°38 | 19°40 | 19°33 | 16°43 | 0°26 | F 12 |
| S 13 | 17 26 37 | 22°58'59 | 27°39 | 10°33 | 7° 1 | 1°30 | 22°23 | 1°37 | 9°30 | 14° 1 | 6°36 | 19°40 | 19°30 | 16°50 | 0°28 | S 13 |
| S 14 | 17 30 33 | 23°56'48 | 12 × 25 | 12°33 | 8° 0 | 2°16 | 22°22 | 1°34 | 9°27 | 14° 1 | 6°34 | 19°R41 | 19°27 | 16°56 | 0°30 | S 14 |
| M15 | 17 34 30 | 24°54'35 | 27°26 | 14°34 | 8°59 | 3° 2 | 22°21 | 1°31 | 9°25 | 14° 1 | 6°33 | 19°41 | 19°23 | 17° 3 | 0°32 | M15 |
| T 16 | 17 38 27 | 25°52'21 | 12 る 34 | 16°37 | 9°58 | 3°47 | 22°20 | 1°28 | 9°22 | 14°R 1 | 6°31 | 19°40 | 19°20 | 17°10 | 0°34 | T 16 |
| W17 | 17 42 23 | 26°50'06 | 27°39 | 18°42 | 10°58 | 4°33 | 22°18 | 1°25 | 9°20 | 14° 1 | 6°30 | 19°40 | 19°17 | 17°16 | 0°36 | W17 |
| T 18 | 17 46 20 | 27°47'50 | 12≈32 | 20°49 | 11°58 | 5°18 | 22°17 | 1°21 | 9°18 | 14° 1 | 6°28 | 19°39 | 19°14 | 17°23 | 0°38 | T 18 |
| F 19 | 17 50 16 | 28°45'32 | 27° 7 | 22°57 | 12°58 | 6° 4 | 22°15 | 1°18 | 9°15 | 14° 1 | 6°27 | 19°38 | 19°11 | 17°30 | 0°40 | F 19 |
| S 20 | 17 54 13 | 29°43'14 | 11 米 20 | 25° 6 | 13°59 | 6°49 | 22°13 | 1°15 | 9°13 | 14° 1 | 6°25 | 19°37 | 19° 7 | 17°36 | 0°43 | S 20 |
| S 21 | 17 58 9 | 09540'54 | 25° 8 | 27°17 | 15° 0 | 7°35 | 22°11 | 1°11 | 9°11 | 14° 1 | 6°23 | 19°D37 | 19° 4 | 17°43 | 0°45 | S 21 |
| M22 | 18 2 6 | 1°38'34 | 8 Ƴ 33 | 29°28 | 16° 1 | 8°20 | 22° 9 | 1° 8 | 9° 8 | 14° 0 | 6°22 | 19°37 | 19° 1 | 17°50 | 0°48 | M22 |
| T 23 | 18 6 2 | 2°36'13 | 21°34 | 19540 | 17° 3 | 9° 5 | 22° 6 | 1° 4 | 9° 6 | 14° 0 | 6°20 | 19°37 | 18°58 | 17°56 | 0°51 | T 23 |
| W24 | 18 9 59 | 3°33'51 | 4817 | 3°52 | 18° 5 | 9°51 | 22° 3 | 1° 0 | 9° 4 | 14° 0 | 6°19 | 19°38 | 18°55 | 18° 3 | 0°54 | W24 |
| T 25 | 18 13 56 | 4°31'29 | 16°43 | 6° 4 | 19° 7 | 10°36 | 22° 1 | 0°57 | 9° 2 | 14° 0 | 6°17 | 19°39 | 18°52 | 18°10 | 0°57 | T 25 |
| F 26 | 18 17 52 | 5°29'05 | 28°56 | 8°17 | 20° 9 | 11°21 | 21°58 | 0°53 | 8°59 | 13°59 | 6°15 | 19°41 | 18°48 | 18°16 | 1° 0 | F 26 |
| S 27 | 18 21 49 | 6°26'41 | 10 Ⅱ 58 | 10°28 | 21°12 | 12° 6 | 21°54 | 0°49 | 8°57 | 13°59 | 6°14 | 19°42 | 18°45 | 18°23 | 1° 3 | S 27 |
| S 28 | 18 25 45 | 7°24'16 | 22°54 | 12°39 | 22°15 | 12°51 | 21°51 | 0°45 | 8°55 | 13°59 | 6°12 | 19°R42 | 18°42 | 18°30 | 1° 6 | S 28 |
| M29 | 18 29 42 | 8°21'49 | 49945 | 14°49 | 23°18 | 13°36 | 21°47 | 0°42 | 8°53 | 13°58 | <u>6°</u> 10 | 19°41 | 18°39 | 18°36 | 1° 9 | M29 |
| T 30 | 18 33 38 | 9919'22 | 16934 | 16958 | 24821 | 14821 | 21≈44 | 0≈38 | 8 才 51 | 13 ∺ 58 | 6 ප 9 | 19 Ⅱ 39 | 18 Ⅲ 36 | 189643 | 1 ≏ 13 | T 30 |

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|--------------|----------------------|----------------------|-------------------------|-----------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|---------------|-----------------|-----------------|----------------|---------------|--------------|
| W 1 | 18 37 35 | 109516'55 | 28922 | 1995 5 | 25 8 25 | 15 8 6 | 21°R40 | 0°R34 | 8°R49 | 13°R57 | 6°R 7 | 19°R37 | 18 Ⅱ 33 | 18950 | 1 ≏ 17 | W 1 |
| T 2 | 18 41 31 | 11°14'26 | 10€13 | 21°11 | 26°29 | 15°51 | 21≈36 | 0≈30 | 8 ~ 147 | 13 米 57 | 6 ප 6 | 19∏33 | 18°29 | 18°56 | 1°20 | T 2 |
| F 3 S 4 | 18 45 28 18 49 25 | 12°11'56 13° 9'24 | 22° 7 | 23°15 25°17 | 27°33 28°37 | 16°36 17°21 | 21°31 21°27 | 0°26 0°21 | 8°45 8°43 | 13°56 13°56 | 6° 4 6° 2 | 19°30 19°26 | 18°26 18°23 | 19° 3 19°10 | 1°24 1°28 | F 3 S 4 |
| | | | 4M) 8 | | | | | - | | | | | | | | |
| S 5 | 18 53 21 | 14° 6'52 | 16°20 | 27°16 | 29°41 | 18° 6 | 21°22 | 0°17 | 8°41 | 13°55 | 6° 1 | 19°23 | 18°20 | 19°16 | 1°32 | S 5 |
| M 6 | 18 57 18 | 15° 4'19 | 28°44 | 29°14 | 0 ∏ 46 | 18°50 | 21°18 | 0°13 | 8°39 | 13°54 | 5°59 | 19°21 | 18°17 | 19°23 | 1°36 | M 6 |
| T 7 W 8 | 19 1 14 19 5 11 | 16° 1'45 16°59'10 | 11 ≏ 26 24°28 | 1 Ω 10 3° 3 | 1°51 2°56 | 19°35 20°20 | 21°13 21° 8 | 0° 9 0° 5 | 8°37 8°35 | 13°54 13°53 | 5°58 5°56 | 19°D20 19°20 | 18°13 18°10 | 19°30 19°36 | 1°40 1°44 | T 7 W 8 |
| T 9 | 19 3 11 | 16 39 10 17°56'34 | 7 M 53 | 3 3 4°54 | 4° 1 | 20°20 21°4 | 21° 3 | 0° 0 | 8°34 | 13°52 | 5°55 | 19°21 | 18° 7 | 19°43 | 1°49 | W 8 |
| F 10 | 19 13 4 | 18°53'57 | 21°44 | 6°42 | 5° 6 | 21°49 | 20°57 | 29 ප් 56 | 8°32 | 13°52 | 5°53 | 19°23 | 18° 4 | 19°50 | 1°53 | F 10 |
| S 11 | 19 17 0 | 19°51'19 | 6 × 1 | 8°28 | 6°11 | 22°33 | 20°52 | 29°52 | 8°30 | 13°51 | 5°51 | 19°24 | 18° 1 | 19°56 | 1°58 | S 11 |
| S 12 | 19 20 57 | 20°48'40 | 20°42 | 10°12 | 7°17 | 23°17 | 20°46 | 29°47 | 8°29 | 13°50 | 5°50 | 19°R24 | 17°58 | 20° 3 | 2° 2 | S 12 |
| M13 | 19 24 54 | 21°46'01 | 5 ح 43 | 11°53 | 8°23 | 24° 2 | 20°40 | 29°43 | 8°27 | 13°49 | 5°48 | 19°24 | 17°54 | 20°10 | 2° 7 | M13 |
| T 14 | 19 28 50 | 22°43'21 | 20°55 | 13°32 | 9°29 | 24°46 | 20°35 | 29°39 | 8°25 | 13°48 | 5°47 | 19°21 | 17°51 | 20°16 | 2°12 | T 14 |
| W15 | 19 32 47 | 23°40'41 | 6 ≈ 10 | 15° 9 | 10°35 | 25°30 | 20°29 | 29°34 | 8°24 | 13°48 | 5°45 | 19°17 | 17°48 | 20°23 | 2°17 | W15 |
| T 16 F 17 | 19 36 43 19 40 40 | 24°38'00 | 21°17 6) 6 | 16°43 18°14 | 11°41 12°48 | 26°14 | 20°22 20°16 | 29°30 | 8°22 8°21 | 13°47 13°46 | 5°44 | 19°13 19° 7 | 17°45 17°42 | 20°30 20°36 | 2°22 2°27 | T 16 F 17 |
| S 18 | 19 40 40 | 25°35'19 26°32'37 | 20°31 | 18°14 19°43 | 12°48 13°54 | 26°58 27°42 | 20°16 20°10 | 29°26 29°21 | 8°19 | 13°46 13°45 | 5°42 5°41 | 19° / | 17°42 17°39 | 20°36 20°43 | 2°32 | S 18 |
| S 19 | 19 48 33 | 27°29'55 | 4 Υ 29 | 21°10 | 15° 1 | 28°26 | 20° 3 | 29°17 | 8°18 | 13°44 | 5°39 | 18°59 | 17°35 | 20°50 | 2°37 | S 19 |
| M20 | 19 52 30 | 28°27'13 | 17°58 | 22°33 | 16° 8 | 29°10 | 19°57 | 29°12 | 8°17 | 13°43 | 5°38 | 18°57 | 17°32 | 20°56 | 2°43 | M20 |
| T 21 | 19 56 26 | 29°24'31 | 1 8 0 | 23°55 | 17°15 | 29°54 | 19°50 | 29° 8 | 8°15 | 13°42 | 5°36 | 18°D57 | 17°29 | 21° 3 | 2°48 | T 21 |
| W22 | 20 0 23 | 0 Ω 21'50 | 13°39 | 25°14 | 18°22 | 0Д37 | 19°43 | 29° 3 | 8°14 | 13°41 | 5°35 | 18°57 | 17°26 | 21°10 | 2°54 | W22 |
| T 23 | 20 4 19 | 1°19'08 | 25°59 | 26°30 | 19°29 | 1°21 | 19°36 | 28°59 | 8°13 | 13°40 | 5°34 | 18°59 | 17°23 | 21°16 | 2°59 | T 23 |
| F 24 S 25 | 20 8 16 | 2°16'26 3°13'44 | 8 Ⅲ 4 20° 0 | 27°43 28°54 | 20°36 21°44 | 2° 4 2°48 | 19°29 19°22 | 28°55 28°50 | 8°12 8°11 | 13°38 13°37 | 5°32 5°31 | 19° 0 19°R 1 | 17°19 17°16 | 21°23 21°30 | 3° 5 3°11 | F 24 S 25 |
| | 20 12 12 | | | | | | | | | | | | | | | |
| S 26 | 20 16 9 | 4°11'02 | 1950 | 0 mg 2 | 22°52 | 3°31 | 19°15 | 28°46 | 8°10 | 13°36 | 5°29 | 19° 0 | 17°13 | 21°36 | 3°16 | S 26 |
| M27 | 20 20 5 | 5° 8'21 | 13°37 | 1° 7 | 23°59 | 4°15 | 19° 8 | 28°41 | 8° 9 | 13°35 | 5°28 | 18°57 | 17°10 | 21°43 | 3°22 | M27 |
| T 28 W29 | 20 24 2 20 27 59 | 6° 5'39 7° 2'57 | 25°26 7 Ω 17 | 2° 9 3° 8 | 25° 7 26°15 | 4°58 5°41 | 19° 1 18°53 | 28°37 28°33 | 8° 8 8° 7 | 13°34 13°33 | 5°27 5°25 | 18°52 18°45 | 17° 7 17° 4 | 21°50 21°56 | 3°28 3°34 | T 28 W29 |
| T 30 | 20 27 39 20 31 55 | 8° 0'15 | 19°12 | 4° 3 | 20 13 27°23 | 6°24 | 18°46 | 28°28 | 8° 6 | 13°31 | 5°24 | 18°36 | 17° 4 | 21° 30° 22° 3 | 3°40 | T 30 |
| F 31 | 20 35 52 | 8 Q 57'33 | 1 Mp 14 | 4 m 56 | 28 II 31 | 7 I 7 | 18≈38 | 28 3 24 | 8 .7 5 | 13) 31 | 5 ろ 23 | 18 Ⅱ 27 | 16 II 57 | 22910 | 3 ≏ 47 | F 31 |

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| S 1 | 20 39 48 | 9 Ω 54'51 | 13 M 24 | 5 M) 45 | 29 Ⅱ 40 | 7 Ⅱ 50 | 18°R31 | 28°R20 | 8°R 4 | 13°R29 | 5°R22 | 18°R18 | 16 II 54 | 22916 | 3 ≏ 53 | S 1 |
| S 2 | 20 43 45 | 10°52'09 | 25°44 | 6°30 | 0948 | 8°33 | 18 ≈ 23 | 28 궁 15 | 8 才 4 | 13 米 28 | 5 云 20 | 18 II 9 | 16°51 | 22°23 | 3°59 | S 2 |
| M 3 | 20 47 41 | 11°49'26 | 8 ₽ 14 | 7°12 | 1°57 | 9°16 | 18°15 | 28°11 | 8° 3 | 13°26 | 5°19 | 18° 3 | 16°48 | 22°30 | 4° 6 | M 3 |
| T 4 | 20 51 38 | 12°46'44 | 20°59 | 7°50 | 3° 5 | 9°59 | 18° 8 | 28° 7 | 8° 2 | 13°25 | 5°18 | 17°58 | 16°45 | 22°36 | 4°12 | T 4 |
| W 5 | 20 55 34 | 13°44'01 | 4M 0 | 8°24 | 4°14 | 10°41 | 18° 0 | 28° 3 | 8° 2 | 13°24 | 5°17 | 17°56 | 16°41 | 22°43 | 4°18 | W 5 |
| T 6 | 20 59 31 | 14°41'19 | 17°20 | 8°54 | 5°23 | 11°24 | 17°52 | 27°59 | 8° 1 | 13°22 | 5°16 | 17°D56 | 16°38 | 22°50 | 4°25 | T 6 |
| F 7 | 21 3 28 | 15°38'36 | 1 √ 2 | 9°20 | 6°31 | 12° 6 | 17°45 | 27°54 | 8° 1 | 13°21 | 5°15 | 17°56 | 16°35 | 22°56 | 4°32 | F 7 |
| S 8 | 21 7 24 | 16°35'53 | 15° 6 | 9°41 | 7°40 | 12°48 | 17°37 | 27°50 | 8° 0 | 13°19 | 5°13 | 17°R57 | 16°32 | 23° 3 | 4°38 | S 8 |
| S 9 | 21 11 21 | 17°33'10 | 29°34 | 9°58 | 8°49 | 13°31 | 17°29 | 27°46 | 8° 0 | 13°18 | 5°12 | 17°56 | 16°29 | 23°10 | 4°45 | S 9 |
| M10 | 21 15 17 | 18°30'28 | 14 ට 21 | 10°10 | 9°59 | 14°13 | 17°21 | 27°42 | 8° 0 | 13°17 | 5°11 | 17°54 | 16°25 | 23°16 | 4°52 | M10 |
| T 11 | 21 19 14 | 19°27'45 | 29°24 | 10°18 | 11° 8 | 14°55 | 17°14 | 27°38 | 7°59 | 13°15 | 5°10 | 17°49 | 16°22 | 23°23 | 4°59 | T 11 |
| W12 | 21 23 10 | 20°25'03 | 14≈32 | 10°R21 | 12°17 | 15°37 | 17° 6 | 27°34 | 7°59 | 13°14 | 5° 9 | 17°42 | 16°19 | 23°30 | 5° 6 | W12 |
| T 13 | 21 27 7 | 21°22'20 | 29°38 | 10°18 | 13°27 | 16°19 | 16°58 | 27°31 | 7°59 | 13°12 | 5° 8 | 17°33 | 16°16 | 23°36 | 5°13 | T 13 |
| F 14 | 21 31 3 | 22°19'39 | 14 米 30 | 10°11 | 14°36 | 17° 1 | 16°51 | 27°27 | 7°59 | 13°11 | 5° 7 | 17°24 | 16°13 | 23°43 | 5°20 | F 14 |
| S 15 | 21 35 0 | 23°16'57 | 29° 1 | 9°59 | 15°46 | 17°42 | 16°43 | 27°23 | 7°59 | 13° 9 | 5° 6 | 17°15 | 16°10 | 23°50 | 5°27 | S 15 |
| S 16 | 21 38 57 | 24°14'17 | 13 Y 4 | 9°42 | 16°56 | 18°24 | 16°35 | 27°19 | 7°D59 | 13° 8 | 5° 5 | 17° 7 | 16° 6 | 23°56 | 5°34 | S 16 |
| M17 | 21 42 53 | 25°11'37 | 26°38 | 9°20 | 18° 5 | 19° 5 | 16°28 | 27°16 | 7°59 | 13° 6 | 5° 5 | 17° 2 | 16° 3 | 24° 3 | 5°42 | M17 |
| T 18 | 21 46 50 | 26° 8'58 | 9 8 44 | 8°54 | 19°15 | 19°47 | 16°20 | 27°12 | 7°59 | 13° 5 | 5° 4 | 16°58 | 16° 0 | 24°10 | 5°49 | T 18 |
| W19 | 21 50 46 | 27° 6'20 | 22°25 | 8°24 | 20°25 | 20°28 | 16°13 | 27° 8 | 7°59 | 13° 3 | 5° 3 | 16°D57 | 15°57 | 24°16 | 5°56 | W19 |
| T 20 | 21 54 43 | 28° 3'43 | 4 Ⅱ 45 | 7°50 | 21°35 | 21° 9 | 16° 5 | 27° 5 | 7°59 | 13° 2 | 5° 2 | 16°57 | 15°54 | 24°23 | 6° 4 | T 20 |
| F 21 | 21 58 39 | 29° 1'06 | 16°49 | 7°12 | 22°45 | 21°50 | 15°58 | 27° 2 | 8° 0 | 13° 0 | 5° 1 | 16°R58 | 15°50 | 24°30 | 6°11 | F 21 |
| S 22 | 22 2 36 | 29°58'31 | 28°43 | 6°32 | 23°56 | 22°31 | 15°50 | 26°58 | 8° 0 | 12°58 | 5° 1 | 16°57 | 15°47 | 24°36 | 6°19 | S 22 |
| S 23 | 22 6 32 | 0 m 55'56 | 10931 | 5°49 | 25° 6 | 23°12 | 15°43 | 26°55 | 8° 0 | 12°57 | 5° 0 | 16°55 | 15°44 | 24°43 | 6°26 | S 23 |
| M24 | 22 10 29 | 1°53'23 | 22°19 | 5° 5 | 26°16 | 23°53 | 15°36 | 26°52 | 8° 1 | 12°55 | 4°59 | 16°50 | 15°41 | 24°50 | 6°34 | M24 |
| T 25 | 22 14 26 | 2°50'50 | 4 N 9 | 4°19 | 27°27 | 24°34 | 15°29 | 26°48 | 8° 1 | 12°54 | 4°58 | 16°42 | 15°38 | 24°56 | 6°41 | T 25 |
| W26 | 22 18 22 | 3°48'18 | 16° 5 | 3°34 | 28°37 | 25°14 | 15°22 | 26°45 | 8° 2 | 12°52 | 4°58 | 16°32 | 15°35 | 25° 3 | 6°49 | W26 |
| T 27 | 22 22 19 | 4°45'47 | 28° 9 | 2°50 | 29°48 | 25°55 | 15°15 | 26°42 | 8° 2 | 12°50 | 4°57 | 16°20 | 15°31 | 25°10 | 6°57 | T 27 |
| F 28 | 22 26 15 | 5°43'17 | 10 m 23 | 2° 7 | 0 Ω 59 | 26°35 | 15° 8 | 26°39 | 8° 3 | 12°49 | 4°57 | 16° 7 | 15°28 | 25°16 | 7° 5 | F 28 |
| S 29 | 22 30 12 | 6°40'48 | 22°46 | 1°27 | 2° 9 | 27°15 | 15° 1 | 26°37 | 8° 3 | 12°47 | 4°56 | 15°54 | 15°25 | 25°23 | 7°12 | S 29 |
| S 30 | 22 34 8 | 7°38'19 | 5 ₽ 19 | 0°50 | 3°20 | 27°55 | 14°55 | 26°34 | 8° 4 | 12°46 | 4°56 | 15°42 | 15°22 | 25°30 | 7°20 | S 30 |
| M31 | 22 38 5 | 8 m /35'51 | 18 ♀ 4 | 0 m)17 | 4 Ω 31 | 28耳35 | 14 ≈ 48 | 26 ප 31 | 8 才 5 | 12) (44 | 4 궁 55 | 15 Ⅱ 32 | 15 Ⅱ 19 | 25937 | 7 ≏ 28 | M31 |

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| T 1 | 22 42 1 | 9 m 33'24 | 1 m 0 | 29°R48 | 5 Ω 42 | 29耳15 | 14°R42 | 26°R28 | 8 √ 6 | 12°R42 | 4°R55 | 15°R25 | 15 I I16 | 259643 | 7 ≏ 36 | T 1 |
| W 2 | 22 45 58 | 10°30'58 | 14° 9 | 29 £ 25 | 6°53 | 29°55 | 14≈35 | 26 궁 26 | 8° 7 | 12) 41 | 4 궁 54 | 15 Ⅱ 21 | 15°12 | 25°50 | 7°44 | W 2 |
| T 3 | 22 49 55 | 11°28'32 | 27°32 | 29° 8 | 8° 4 | 0934 | 14°29 | 26°23 | 8° 8 | 12°39 | 4°54 | 15°19 | 15° 9 | 25°57 | 7°52 | T 3 |
| F 4 | 22 53 51 | 12°26'08 | 11 × 10 | 28°57 | 9°16 | 1°14 | 14°23 | 26°21 | 8° 9 | 12°37 | 4°53 | 15°19 | 15° 6 | 26° 3 | 8° 0 | F 4 |
| S 5 | 22 57 48 | 13°23'44 | 25° 6 | 28°D53 | 10°27 | 1°53 | 14°17 | 26°19 | 8°10 | 12°36 | 4°53 | 15°19 | 15° 3 | 26°10 | 8° 8 | S 5 |
| S 6 | 23 1 44 | 14°21'20 | 9 ට 19 | 28°55 | 11°38 | 2°32 | 14°11 | 26°16 | 8°11 | 12°34 | 4°53 | 15°17 | 15° 0 | 26°17 | 8°16 | S 6 |
| M 7 | 23 5 41 | 15°18'58 | 23°49 | 29° 5 | 12°50 | 3°11 | 14° 6 | 26°14 | 8°12 | 12°32 | 4°53 | 15°14 | 14°56 | 26°23 | 8°24 | M 7 |
| T 8 | 23 9 37 | 16°16'37 | 8≈32 | 29°22 | 14° 1 | 3°50 | 14° 0 | 26°12 | 8°13 | 12°31 | 4°52 | 15° 8 | 14°53 | 26°30 | 8°33 | T 8 |
| W 9 | 23 13 34 | 17°14'16 | 23°21 | 29°46 | 15°13 | 4°29 | 13°55 | 26°10 | 8°14 | 12°29 | 4°52 | 15° 0 | 14°50 | 26°37 | 8°41 | W 9 |
| T 10 | 23 17 30 | 18°11'56 | 8) 11 | 0 m 18 | 16°24 | 5° 7 | 13°50 | 26° 8 | 8°15 | 12°28 | 4°52 | 14°49 | 14°47 | 26°43 | 8°49 | T 10 |
| F 11 | 23 21 27 | 19° 9'38 | 22°50 | 0°57 | 17°36 | 5°46 | 13°45 | 26° 7 | 8°17 | 12°26 | 4°52 | 14°38 | 14°44 | 26°50 | 8°57 | F 11 |
| S 12 | 23 25 24 | 20° 7'20 | 7 Υ 13 | 1°42 | 18°48 | 6°24 | 13°40 | 26° 5 | 8°18 | 12°24 | 4°52 | 14°27 | 14°41 | 26°57 | 9° 6 | S 12 |
| S 13 | 23 29 20 | 21° 5'04 | 21°13 | 2°35 | 20° 0 | 7° 3 | 13°35 | 26° 3 | 8°20 | 12°23 | 4°52 | 14°18 | 14°37 | 27° 3 | 9°14 | S 13 |
| M14 | 23 33 17 | 22° 2'50 | 4847 | 3°35 | 21°11 | 7°41 | 13°30 | 26° 2 | 8°21 | 12°21 | 4°52 | 14°11 | 14°34 | 27°10 | 9°22 | M14 |
| T 15 | 23 37 13 | 23° 0'37 | 17°54 | 4°41 | 22°23 | 8°19 | 13°26 | 26° 0 | 8°23 | 12°20 | 4°D52 | 14° 6 | 14°31 | 27°17 | 9°31 | T 15 |
| W16 | 23 41 10 | 23°58'25 | 0耳37 | 5°54 | 23°35 | 8°56 | 13°22 | 25°59 | 8°24 | 12°18 | 4°52 | 14° 4 | 14°28 | 27°23 | 9°39 | W16 |
| T 17 | 23 45 6 | 24°56'16 | 12°58 | 7°12 | 24°48 | 9°34 | 13°18 | 25°58 | 8°26 | 12°16 | 4°52 | 14°D 3 | 14°25 | 27°30 | 9°47 | T 17 |
| F 18 | 23 49 3 | 25°54'07 | 25° 4 | 8°36 | 26° 0 | 10°12 | 13°14 | 25°56 | 8°27 | 12°15 | 4°52 | 14°R 3 | 14°22 | 27°37 | 9°56 | F 18 |
| S 19 | 23 52 59 | 26°52'01 | 6959 | 10° 5 | 27°12 | 10°49 | 13°10 | 25°55 | 8°29 | 12°13 | 4°52 | 14° 3 | 14°18 | 27°43 | 10° 4 | S 19 |
| S 20 | 23 56 56 | 27°49'56 | 18°49 | 11°38 | 28°24 | 11°26 | 13° 6 | 25°54 | 8°31 | 12°12 | 4°52 | 14° 1 | 14°15 | 27°50 | 10°13 | S 20 |
| M21 | 0 0 52 | 28°47'53 | 0 Ω 38 | 13°16 | 29°37 | 12° 3 | 13° 3 | 25°54 | 8°33 | 12°10 | 4°52 | 13°57 | 14°12 | 27°57 | 10°21 | M21 |
| T 22 | 0 4 49 | 29°45'51 | 12°32 | 14°58 | 0 m 49 | 12°40 | 13° 0 | 25°53 | 8°35 | 12° 9 | 4°52 | 13°51 | 14° 9 | 28° 3 | 10°30 | T 22 |
| W23 | 0 8 46 | 0 ≏ 43'52 | 24°34 | 16°43 | 2° 2 | 13°17 | 12°57 | 25°52 | 8°37 | 12° 7 | 4°53 | 13°41 | 14° 6 | 28°10 | 10°38 | W23 |
| T 24 | 0 12 42 | 1°41'53 | 6Mp47 | 18°31 | 3°14 | 13°53 | 12°54 | 25°52 | 8°38 | 12° 5 | 4°53 | 13°30 | 14° 2 | 28°17 | 10°47 | T 24 |
| F 25 | 0 16 39 | 2°39'57 | 19°12 | 20°21 | 4°27 | 14°30 | 12°51 | 25°51 | 8°40 | 12° 4 | 4°53 | 13°18 | 13°59 | 28°24 | 10°55 | F 25 |
| S 26 | 0 20 35 | 3°38'02 | 1 ≏ 51 | 22°13 | 5°39 | 15° 6 | 12°49 | 25°51 | 8°42 | 12° 2 | 4°54 | 13° 6 | 13°56 | 28°30 | 11° 4 | S 26 |
| S 27 | 0 24 32 | 4°36'08 | 14°43 | 24° 6 | 6°52 | 15°42 | 12°46 | 25°50 | 8°45 | 12° 1 | 4°54 | 12°55 | 13°53 | 28°37 | 11°12 | S 27 |
| M28 | 0 28 28 | 5°34'16 | 27°47 | 26° 1 | 8° 5 | 16°17 | 12°44 | 25°50 | 8°47 | 12° 0 | 4°54 | 12°45 | 13°50 | 28°44 | 11°21 | M28 |
| T 29 | 0 32 25 | 6°32'26 | 11 m 3 | 27°56 | 9°18 | 16°53 | 12°42 | 25°50 | 8°49 | 11°58 | 4°55 | 12°39 | 13°47 | 28°50 | 11°30 | T 29 |
| W30 | 0 36 21 | 7 ≏ 30'37 | 24M29 | 29 m 52 | 10 m 31 | 179528 | 12≈41 | 25°D50 | 8 .7 51 | 11 米 57 | 4 궁 55 | 12 II 35 | 13 Ⅱ 43 | 28957 | 11 ≏ 38 | W30 |

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|------|---------|-------------------|----------------|----------------|----------------|---------------|--------|----------------|----------------|----------------|---------------|----------------|-----------------|---------------|----------------|------|
| T 1 | 0 40 18 | 8 ≏ 28'49 | 8 √ 6 | 1 ≏ 48 | 11 Mp 44 | 1895 4 | 12°R39 | 25 る 50 | 8 ∡ 753 | 11°R55 | 4 る 56 | 12°D34 | 13 II 40 | 2995 4 | 11 ≏ 47 | T 1 |
| F 2 | 0 44 15 | 9°27'03 | 21°53 | 3°43 | 12°57 | 18°39 | 12≈38 | 25°50 | 8°56 | 11 米 54 | 4°56 | 12 Ⅱ 34 | 13°37 | 29°10 | 11°55 | F 2 |
| S 3 | 0 48 11 | 10°25'19 | 5 る 49 | 5°39 | 14°10 | 19°14 | 12°36 | 25°51 | 8°58 | 11°52 | 4°57 | 12°R35 | 13°34 | 29°17 | 12° 4 | S 3 |
| S 4 | 0 52 8 | 11°23'35 | 19°56 | 7°34 | 15°23 | 19°48 | 12°35 | 25°51 | 9° 0 | 11°51 | 4°57 | 12°34 | 13°31 | 29°24 | 12°13 | S 4 |
| M 5 | 0 56 4 | 12°21'53 | 4≈11 | 9°28 | 16°36 | 20°23 | 12°35 | 25°51 | 9° 3 | 11°50 | 4°58 | 12°32 | 13°28 | 29°30 | 12°21 | M 5 |
| T 6 | 1 0 1 | 13°20'13 | 18°33 | 11°22 | 17°49 | 20°57 | 12°34 | 25°52 | 9° 5 | 11°48 | 4°59 | 12°28 | 13°24 | 29°37 | 12°30 | T 6 |
| W 7 | 1 3 57 | 14°18'34 | 2) 58 | 13°15 | 19° 2 | 21°31 | 12°34 | 25°53 | 9° 8 | 11°47 | 4°59 | 12°22 | 13°21 | 29°44 | 12°38 | W 7 |
| T 8 | 1 7 54 | 15°16'56 | 17°21 | 15° 7 | 20°16 | 22° 5 | 12°34 | 25°54 | 9°10 | 11°46 | 5° 0 | 12°14 | 13°18 | 29°50 | 12°47 | T 8 |
| F 9 | 1 11 50 | 16°15'20 | 1 ° 37 | 16°59 | 21°29 | 22°38 | 12°D34 | 25°54 | 9°13 | 11°44 | 5° 1 | 12° 5 | 13°15 | 29°57 | 12°56 | F 9 |
| S 10 | 1 15 47 | 17°13'46 | 15°39 | 18°49 | 22°42 | 23°12 | 12°34 | 25°55 | 9°15 | 11°43 | 5° 2 | 11°56 | 13°12 | 0 Ω 4 | 13° 4 | S 10 |
| S 11 | 1 19 43 | 18°12'13 | 29°24 | 20°38 | 23°56 | 23°45 | 12°34 | 25°56 | 9°18 | 11°42 | 5° 3 | 11°48 | 13° 8 | 0°10 | 13°13 | S 11 |
| M12 | 1 23 40 | 19°10'42 | 12848 | 22°26 | 25° 9 | 24°18 | 12°35 | 25°58 | 9°21 | 11°41 | 5° 3 | 11°42 | 13° 5 | 0°17 | 13°22 | M12 |
| T 13 | 1 27 37 | 20° 9'14 | 25°50 | 24°14 | 26°23 | 24°51 | 12°35 | 25°59 | 9°24 | 11°40 | 5° 4 | 11°39 | 13° 2 | 0°24 | 13°30 | T 13 |
| W14 | 1 31 33 | 21° 7'47 | 8Д30 | 26° 0 | 27°37 | 25°23 | 12°36 | 26° 0 | 9°26 | 11°38 | 5° 5 | 11°D38 | 12°59 | 0°31 | 13°39 | W14 |
| T 15 | 1 35 30 | 22° 6'22 | 20°52 | 27°45 | 28°50 | 25°55 | 12°38 | 26° 2 | 9°29 | 11°37 | 5° 6 | 11°38 | 12°56 | 0°37 | 13°47 | T 15 |
| F 16 | 1 39 26 | 23° 5'00 | 2958 | 29°29 | 0 <u>ჲ</u> 4 | 26°27 | 12°39 | 26° 3 | 9°32 | 11°36 | 5° 7 | 11°39 | 12°53 | 0°44 | 13°56 | F 16 |
| S 17 | 1 43 23 | 24° 3'40 | 14°55 | 1 M .13 | 1°18 | 26°59 | 12°40 | 26° 5 | 9°35 | 11°35 | 5° 8 | 11°40 | 12°49 | 0°51 | 14° 4 | S 17 |
| S 18 | 1 47 19 | 25° 2'21 | 26°46 | 2°55 | 2°32 | 27°31 | 12°42 | 26° 7 | 9°38 | 11°34 | 5° 9 | 11°R41 | 12°46 | 0°57 | 14°13 | S 18 |
| M19 | 1 51 16 | 26° 1'05 | 8 Ω 37 | 4°36 | 3°45 | 28° 2 | 12°44 | 26° 8 | 9°41 | 11°33 | 5°10 | 11°40 | 12°43 | 1° 4 | 14°21 | M19 |
| T 20 | 1 55 12 | 26°59'51 | 20°33 | 6°17 | 4°59 | 28°33 | 12°46 | 26°10 | 9°44 | 11°32 | 5°11 | 11°37 | 12°40 | 1°11 | 14°30 | T 20 |
| W21 | 1 59 9 | 27°58'39 | 2 m 39 | 7°56 | 6°13 | 29° 4 | 12°48 | 26°12 | 9°47 | 11°31 | 5°13 | 11°32 | 12°37 | 1°17 | 14°39 | W21 |
| T 22 | 2 3 6 | 28°57'29 | 14°57 | 9°35 | 7°27 | 29°34 | 12°51 | 26°15 | 9°50 | 11°30 | 5°14 | 11°26 | 12°33 | 1°24 | 14°47 | T 22 |
| F 23 | 2 7 2 | 29°56'22 | 27°31 | 11°12 | 8°41 | 0Ω 4 | 12°54 | 26°17 | 9°53 | 11°29 | 5°15 | 11°19 | 12°30 | 1°31 | 14°55 | F 23 |
| S 24 | 2 10 59 | 0 M 55'16 | 10 ≏ 23 | 12°49 | 9°55 | 0°34 | 12°56 | 26°19 | 9°56 | 11°28 | 5°16 | 11°12 | 12°27 | 1°37 | 15° 4 | S 24 |
| S 25 | 2 14 55 | 1°54'12 | 23°32 | 14°25 | 11° 9 | 1° 4 | 12°59 | 26°21 | 9°59 | 11°27 | 5°17 | 11° 5 | 12°24 | 1°44 | 15°12 | S 25 |
| M26 | 2 18 52 | 2°53'11 | 6 M 58 | 16° 0 | 12°24 | 1°33 | 13° 3 | 26°24 | 10° 2 | 11°26 | 5°19 | 11° 0 | 12°21 | 1°51 | 15°21 | M26 |
| T 27 | 2 22 48 | 3°52'11 | 20°38 | 17°35 | 13°38 | 2° 2 | 13° 6 | 26°27 | 10° 5 | 11°25 | 5°20 | 10°56 | 12°18 | 1°57 | 15°29 | T 27 |
| W28 | 2 26 45 | 4°51'13 | 4 ₹ 29 | 19° 8 | 14°52 | 2°31 | 13°10 | 26°29 | 10° 8 | 11°24 | 5°21 | 10°D55 | 12°14 | 2° 4 | 15°38 | W28 |
| T 29 | 2 30 41 | 5°50'18 | 18°30 | 20°41 | 16° 6 | 2°59 | 13°14 | 26°32 | 10°12 | 11°24 | 5°23 | 10°55 | 12°11 | 2°11 | 15°46 | T 29 |
| F 30 | 2 34 38 | 6°49'23 | 2 조 36 | 22°13 | 17°20 | 3°27 | 13°17 | 2 <u>6</u> °35 | 10°15 | 11°23 | <u>5°24</u> | 10°56 | 12° 8 | 2°18 | 15°54 | F 30 |
| S 31 | 2 38 35 | 7 M .48'31 | 16 る 46 | 23 M 44 | 18 ≏ 35 | 3 Ω 55 | 13≈22 | 26 궁 38 | 10 × 18 | 11 米 22 | 5 궁 26 | 10 Ⅱ 57 | 12 II 5 | 2 Ω 24 | 16 ♀ 2 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | P | v | ţ | o k | Day |
|------|---------|--------------------|-----------------|----------------|----------------|----------------|-------|----------------|-----------------|----------------|---------------|--------|-----------------|---------------|----------------|------|
| S 1 | 2 42 31 | 8 M 47'40 | 0≈57 | 25 M 14 | 19 ≏ 49 | 4 Ω 22 | 13≈26 | 26 궁 41 | 10 ∡ 122 | 11°R21 | 5 云 27 | 10耳58 | 12 I I 2 | 2 Ω 31 | 16 ≏ 11 | S 1 |
| M 2 | 2 46 28 | 9°46'51 | 15° 8 | 26°43 | 21° 4 | 4°49 | 13°30 | 26°44 | 10°25 | 11 米 21 | 5°28 | 10°R59 | 11°59 | 2°38 | 16°19 | M 2 |
| T 3 | 2 50 24 | 10°46'03 | 29°16 | 28°12 | 22°18 | 5°16 | 13°35 | 26°47 | 10°28 | 11°20 | 5°30 | 10°57 | 11°55 | 2°44 | 16°27 | T 3 |
| W 4 | 2 54 21 | 11°45'18 | 13 ∺ 20 | 29°40 | 23°32 | 5°42 | 13°40 | 26°51 | 10°32 | 11°20 | 5°31 | 10°55 | 11°52 | 2°51 | 16°35 | W 4 |
| T 5 | 2 58 17 | 12°44'33 | 27°17 | 1 √ 7 | 24°47 | 6° 8 | 13°45 | 26°54 | 10°35 | 11°19 | 5°33 | 10°51 | 11°49 | 2°58 | 16°43 | T 5 |
| F 6 | 3 2 14 | 13°43'51 | 11 ° 5 | 2°34 | 26° 1 | 6°34 | 13°50 | 26°57 | 10°39 | 11°18 | 5°35 | 10°47 | 11°46 | 3° 4 | 16°52 | F 6 |
| S 7 | 3 6 10 | 14°43'10 | 24°40 | 3°59 | 27°16 | 6°59 | 13°56 | 27° 1 | 10°42 | 11°18 | 5°36 | 10°43 | 11°43 | 3°11 | 17° 0 | S 7 |
| S 8 | 3 10 7 | 15°42'31 | 8 8 1 | 5°24 | 28°30 | 7°24 | 14° 1 | 27° 5 | 10°45 | 11°17 | 5°38 | 10°39 | 11°39 | 3°18 | 17° 8 | S 8 |
| M 9 | 3 14 4 | 16°41'54 | 21° 6 | 6°47 | 29°45 | 7°49 | 14° 7 | 27° 8 | 10°49 | 11°17 | 5°39 | 10°37 | 11°36 | 3°24 | 17°16 | M 9 |
| T 10 | 3 18 0 | 17°41'19 | 3 II 55 | 8°10 | 1 M 0 | 8°13 | 14°13 | 27°12 | 10°52 | 11°17 | 5°41 | 10°36 | 11°33 | 3°31 | 17°24 | T 10 |
| W11 | 3 21 57 | 18°40'46 | 16°27 | 9°32 | 2°14 | 8°36 | 14°19 | 27°16 | 10°56 | 11°16 | 5°43 | 10°D36 | 11°30 | 3°38 | 17°32 | W11 |
| T 12 | 3 25 53 | 19°40'16 | 28°44 | 10°53 | 3°29 | 9° 0 | 14°25 | 27°20 | 10°59 | 11°16 | 5°45 | 10°37 | 11°27 | 3°45 | 17°39 | T 12 |
| F 13 | 3 29 50 | 20°39'47 | 10950 | 12°13 | 4°44 | 9°22 | 14°31 | 27°24 | 11° 3 | 11°15 | 5°46 | 10°38 | 11°24 | 3°51 | 17°47 | F 13 |
| S 14 | 3 33 46 | 21°39'20 | 22°46 | 13°32 | 5°59 | 9°45 | 14°38 | 27°28 | 11° 7 | 11°15 | 5°48 | 10°40 | 11°20 | 3°58 | 17°55 | S 14 |
| S 15 | 3 37 43 | 22°38'56 | 4 Ω 37 | 14°49 | 7°13 | 10° 7 | 14°44 | 27°32 | 11°10 | 11°15 | 5°50 | 10°41 | 11°17 | 4° 5 | 18° 3 | S 15 |
| M16 | 3 41 39 | 23°38'34 | 16°28 | 16° 5 | 8°28 | 10°28 | 14°51 | 27°37 | 11°14 | 11°15 | 5°52 | 10°42 | 11°14 | 4°11 | 18°10 | M16 |
| T 17 | 3 45 36 | 24°38'14 | 28°24 | 17°20 | 9°43 | 10°50 | 14°58 | 27°41 | 11°17 | 11°14 | 5°53 | 10°R42 | 11°11 | 4°18 | 18°18 | T 17 |
| W18 | 3 49 33 | 25°37'56 | 10 m 29 | 18°33 | 10°58 | 11°10 | 15° 5 | 27°45 | 11°21 | 11°14 | 5°55 | 10°41 | 11°8 | 4°25 | 18°26 | W18 |
| T 19 | 3 53 29 | 26°37'40 | 22°48 | 19°45 | 12°13 | 11°30 | 15°12 | 27°50 | 11°25 | 11°14 | 5°57 | 10°40 | 11° 5 | 4°31 | 18°33 | T 19 |
| F 20 | 3 57 26 | 27°37'26 | 5 Ω 24 | 20°55 | 13°28 | 11°50 | 15°20 | 27°54 | 11°28 | 11°14 | 5°59 | 10°39 | 11° 1 | 4°38 | 18°41 | F 20 |
| S 21 | 4 1 22 | 28°37'15 | 18°21 | 22° 3 | 14°42 | 12° 9 | 15°27 | 27°59 | 11°32 | 11°14 | 6° 1 | 10°37 | 10°58 | 4°45 | 18°48 | S 21 |
| S 22 | 4 5 19 | 29°37'05 | 1 M .40 | 23° 8 | 15°57 | 12°28 | 15°35 | 28° 4 | 11°36 | 11°D14 | 6° 3 | 10°35 | 10°55 | 4°51 | 18°56 | S 22 |
| M23 | 4 9 15 | 0 ₮ 36'58 | 15°22 | 24°11 | 17°12 | 12°46 | 15°43 | 28° 9 | 11°39 | 11°14 | 6° 5 | 10°34 | 10°52 | 4°58 | 19° 3 | M23 |
| T 24 | 4 13 12 | 1°36'53 | 29°23 | 25°11 | 18°27 | 13° 3 | 15°51 | 28°13 | 11°43 | 11°14 | 6° 7 | 10°33 | 10°49 | 5° 5 | 19°10 | T 24 |
| W25 | 4 17 8 | 2°36'49 | 13 ×7 40 | 26° 9 | 19°42 | 13°20 | 15°59 | 28°18 | 11°47 | 11°14 | 6° 9 | 10°D33 | 10°45 | 5°12 | 19°17 | W25 |
| T 26 | 4 21 5 | 3°36'47 | 28° 9 | 27° 2 | 20°57 | 13°37 | 16° 8 | 28°23 | 11°51 | 11°14 | 6°11 | 10°34 | 10°42 | 5°18 | 19°25 | T 26 |
| F 27 | 4 25 2 | 4°36'48 | 12 る 43 | 27°53 | 22°12 | 13°53 | 16°16 | 28°28 | 11°54 | 11°14 | 6°13 | 10°34 | 10°39 | 5°25 | 19°32 | F 27 |
| S 28 | 4 28 58 | 5°36'49 | 27°17 | 28°38 | 23°27 | 14° 8 | 16°24 | 28°34 | 11°58 | 11°15 | 6°15 | 10°35 | 10°36 | 5°32 | 19°39 | S 28 |
| S 29 | 4 32 55 | 6°36'52 | 11≈45 | 29°19 | 24°43 | 14°23 | 16°33 | 28°39 | 12° 2 | 11°15 | 6°17 | 10°35 | 10°33 | 5°38 | 19°46 | S 29 |
| M30 | 4 36 51 | 7 . ₹³36'57 | 26≈ 4 | 29 х 55 | 25 M 58 | 14 Ω 37 | 16≈42 | 28 궁 44 | 12 √ 5 | 11 米 15 | 6 ප 19 | 10耳35 | 10 II 30 | 5 Ω 45 | 19 ≏ 53 | M30 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| # | Р | n | v | Ç | Ŗ | Day |
|------|---------|------------------|-----------------|----------------|----------------|----------------|-------|----------------|-----------------|----------------|---------------|----------------|----------------|---------------|----------------|------|
| T 1 | 4 40 48 | 8 × 37'03 | 10) (11 | 0 3 25 | 27 M 13 | 14 Ω 50 | 16≈51 | 28 궁 49 | 12 ,7 9 | 11 米 15 | 6 ප 21 | 10°R35 | 10 Ⅱ 26 | 5 Ω 52 | 20₽ 0 | T 1 |
| W 2 | 4 44 44 | 9°37'10 | 24° 4 | 0°48 | 28°28 | 15° 3 | 17° 0 | 28°55 | 12°13 | 11°16 | 6°23 | 10 Ⅲ 35 | 10°23 | 5°58 | 20° 6 | W 2 |
| T 3 | 4 48 41 | 10°37'19 | 7 Υ 43 | 1° 4 | 29°43 | 15°15 | 17° 9 | 29° 0 | 12°17 | 11°16 | 6°25 | 10°D35 | 10°20 | 6° 5 | 20°13 | T 3 |
| F 4 | 4 52 37 | 11°37'29 | 21° 7 | 1°R12 | 0 才 58 | 15°27 | 17°19 | 29° 6 | 12°20 | 11°16 | 6°27 | 10°35 | 10°17 | 6°12 | 20°20 | F 4 |
| S 5 | 4 56 34 | 12°37'40 | 4817 | 1°12 | 2°13 | 15°38 | 17°28 | 29°11 | 12°24 | 11°17 | 6°30 | 10°35 | 10°14 | 6°19 | 20°26 | S 5 |
| S 6 | 5 0 31 | 13°37'54 | 17°13 | 1° 2 | 3°28 | 15°48 | 17°38 | 29°17 | 12°28 | 11°17 | 6°32 | 10°36 | 10°11 | 6°25 | 20°33 | S 6 |
| M 7 | 5 4 27 | 14°38'08 | 29°56 | 0°42 | 4°44 | 15°57 | 17°47 | 29°22 | 12°32 | 11°18 | 6°34 | 10°36 | 10° 7 | 6°32 | 20°39 | M 7 |
| T 8 | 5 8 24 | 15°38'25 | 12 Ⅲ 27 | 0°13 | 5°59 | 16° 6 | 17°57 | 29°28 | 12°35 | 11°18 | 6°36 | 10°R36 | 10° 4 | 6°39 | 20°46 | T 8 |
| W 9 | 5 12 20 | 16°38'43 | 24°46 | 29 × 33 | 7°14 | 16°14 | 18° 7 | 29°34 | 12°39 | 11°19 | 6°38 | 10°36 | 10° 1 | 6°45 | 20°52 | W 9 |
| T 10 | 5 16 17 | 17°39'02 | 6955 | 28°42 | 8°29 | 16°22 | 18°17 | 29°40 | 12°43 | 11°19 | 6°40 | 10°35 | 9°58 | 6°52 | 20°58 | T 10 |
| F 11 | 5 20 13 | 18°39'24 | 18°56 | 27°43 | 9°45 | 16°29 | 18°27 | 29°46 | 12°47 | 11°20 | 6°43 | 10°34 | 9°55 | 6°59 | 21° 4 | F 11 |
| S 12 | 5 24 10 | 19°39'47 | 0 Ω 51 | 26°35 | 11° 0 | 16°35 | 18°38 | 29°52 | 12°50 | 11°21 | 6°45 | 10°33 | 9°51 | 7° 5 | 21°11 | S 12 |
| S 13 | 5 28 7 | 20°40'11 | 12°42 | 25°20 | 12°15 | 16°40 | 18°48 | 29°58 | 12°54 | 11°21 | 6°47 | 10°32 | 9°48 | 7°12 | 21°17 | S 13 |
| M14 | 5 32 3 | 21°40'37 | 24°32 | 24° 1 | 13°30 | 16°44 | 18°59 | 0≈ 4 | 12°58 | 11°22 | 6°49 | 10°30 | 9°45 | 7°19 | 21°22 | M14 |
| T 15 | 5 36 0 | 22°41'05 | 6 ₯ 27 | 22°39 | 14°46 | 16°48 | 19° 9 | 0°10 | 13° 2 | 11°23 | 6°51 | 10°29 | 9°42 | 7°26 | 21°28 | T 15 |
| W16 | 5 39 56 | 23°41'35 | 18°29 | 21°18 | 16° 1 | 16°51 | 19°20 | 0°16 | 13° 5 | 11°23 | 6°54 | 10°D28 | 9°39 | 7°32 | 21°34 | W16 |
| T 17 | 5 43 53 | 24°42'06 | 0 ≏ 44 | 20° 0 | 17°16 | 16°53 | 19°31 | 0°22 | 13° 9 | 11°24 | 6°56 | 10°28 | 9°36 | 7°39 | 21°40 | T 17 |
| F 18 | 5 47 49 | 25°42'39 | 13°16 | 18°48 | 18°32 | 16°54 | 19°42 | 0°28 | 13°13 | 11°25 | 6°58 | 10°29 | 9°32 | 7°46 | 21°45 | F 18 |
| S 19 | 5 51 46 | 26°43'14 | 26°10 | 17°44 | 19°47 | 16°R54 | 19°53 | 0°35 | 13°16 | 11°26 | 7° 0 | 10°30 | 9°29 | 7°52 | 21°51 | S 19 |
| S 20 | 5 55 42 | 27°43'50 | 9 ™ 28 | 16°49 | 21° 2 | 16°54 | 20° 4 | 0°41 | 13°20 | 11°27 | 7° 3 | 10°32 | 9°26 | 7°59 | 21°56 | S 20 |
| M21 | 5 59 39 | 28°44'28 | 23°12 | 16° 5 | 22°18 | 16°53 | 20°15 | 0°47 | 13°24 | 11°28 | 7° 5 | 10°33 | 9°23 | 8° 6 | 22° 2 | M21 |
| T 22 | 6 3 36 | 29°45'08 | 7 ₹ 22 | 15°33 | 23°33 | 16°51 | 20°26 | 0°54 | 13°27 | 11°29 | 7° 7 | 10°R34 | 9°20 | 8°12 | 22° 7 | T 22 |
| W23 | 6 7 32 | 0 궁 45'49 | 21°55 | 15°12 | 24°48 | 16°48 | 20°38 | 1° 0 | 13°31 | 11°30 | 7°10 | 10°33 | 9°17 | 8°19 | 22°12 | W23 |
| T 24 | 6 11 29 | 1°46'31 | 6 පි 46 | 15°D 2 | 26° 4 | 16°44 | 20°49 | 1° 7 | 13°35 | 11°31 | 7°12 | 10°32 | 9°13 | 8°26 | 22°17 | T 24 |
| F 25 | 6 15 25 | 2°47'15 | 21°46 | 15° 4 | 27°19 | 16°39 | 21° 1 | 1°13 | 13°38 | 11°32 | 7°14 | 10°29 | 9°10 | 8°33 | 22°22 | F 25 |
| S 26 | 6 19 22 | 3°47'59 | 6≈48 | 15°15 | 28°35 | 16°33 | 21°13 | 1°20 | 13°42 | 11°33 | 7°16 | 10°26 | 9° 7 | 8°39 | 22°27 | S 26 |
| S 27 | 6 23 18 | 4°48'45 | 21°41 | 15°36 | 29°50 | 16°27 | 21°24 | 1°26 | 13°45 | 11°34 | 7°19 | 10°23 | 9° 4 | 8°46 | 22°32 | S 27 |
| M28 | 6 27 15 | 5°49'31 | 6) €19 | 16° 6 | 1중 5 | 16°20 | 21°36 | 1°33 | 13°49 | 11°35 | 7°21 | 10°20 | 9° 1 | 8°53 | 22°36 | M28 |
| T 29 | 6 31 12 | 6°50'18 | 20°37 | 16°43 | 2°21 | 16°12 | 21°48 | 1°39 | 13°52 | 11°37 | 7°23 | 10°18 | 8°57 | 8°59 | 22°41 | T 29 |
| W30 | 6 35 8 | 7°51'06 | 4 Υ 32 | 17°27 | 3°36 | 16° 2 | 22° 0 | 1°46 | 13°56 | 11°38 | 7°26 | 10°D17 | 8°54 | 9° 6 | 22°45 | W30 |
| T 31 | 6 39 5 | 8 궁 51'55 | 18 ⋎ 5 | 18 ৴ 17 | 4 궁 52 | 15 Ω 53 | 22≈12 | 1≈53 | 13 × 759 | 11 米 39 | 7 궁 28 | 10耳17 | 8 Ⅱ 51 | 9 Ω 13 | 22 £ 50 | T 31 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)ұ(| ¥ | Р | ያ | ಬ | Ç | , k | Day |
|--------------|--------------------|----------------------|-------------------------|------------------------|----------------|----------------|----------------|--------------|-----------------|-----------------|---------------|-----------------|---------------|----------------|----------------|--------------|
| F 1 | 6 43 1 | 9 ට 52'44 | 1817 | 19 × 12 | 6 ප 7 | 15°R42 | 22≈24 | 2≈ 0 | 14 ₹ 3 | 11) 40 | 7 云 30 | 10 I I18 | 8 Ⅱ 48 | 9 Ω 20 | 22 ≏ 54 | F 1 |
| S 2 | 6 46 58 | 10°53'34 | 14°10 | 20°11 | 7°23 | 15 Ω 30 | 22°37 | 2° 6 | 14° 6 | 11°42 | 7°33 | 10°20 | 8°45 | 9°26 | 22°58 | S 2 |
| S 3 | 6 50 54 | 11°54'25 | 26°47 | 21°15 | 8°38 | 15°18 | 22°49 | 2°13 | 14°10 | 11°43 | 7°35 | 10°22 | 8°42 | 9°33 | 23° 2 | S 3 |
| M 4 | 6 54 51 | 12°55'17 | 9 Ⅱ 11 | 22°23 | 9°53 | 15° 5 | 23° 1 | 2°20 | 14°13 | 11°44 | 7°37 | 10°R22 | 8°38 | 9°40 | 23° 6 | M 4 |
| T 5 | 6 58 47 | 13°56'09 | 21°26 | 23°33 | 11° 9 | 14°51 | 23°14 | 2°27 | 14°17 | 11°46 | 7°39 | 10°22 | 8°35 | 9°46 | 23°10 | T 5 |
| W 6 | 7 2 44 | 14°57'02 | 3932 | 24°46 | 12°24 | 14°36 | 23°26 | 2°34 | 14°20 | 11°47 | 7°42 | 10°19 | 8°32 | 9°53 | 23°14 | W 6 |
| T 7 F 8 | 7 6 41 7 10 37 | 15°57'56 16°58'51 | 15°32 27°27 | 26° 2 27°19 | 13°40 14°55 | 14°21 14° 4 | 23°39 23°52 | 2°41 2°47 | 14°23 14°27 | 11°49 11°50 | 7°44 7°46 | 10°15 10° 9 | 8°29 8°26 | 10° 0 10° 6 | 23°17 23°21 | T 7 F 8 |
| F 8 S 9 | 7 10 37 | 16°58'51 17°59'47 | $9\Omega 20$ | 2/°19 28°38 | 14°55 16°11 | 14° 4 13°47 | 23°52 24° 5 | 2°54 | 14°27 14°30 | 11°50 11°52 | 7°46 7°49 | 10° 9 10° 2 | 8°26 8°23 | 10° 6 10°13 | 23°21 23°24 | F 8 S 9 |
| | | | | | _ | | - | | | - | | | | | | |
| S 10 | 7 18 30 | 19° 0'43 | 21°11 | 29°59 1 る 21 | 17°26 18°42 | 13°30 | 24°17 | 3° 1 3° 8 | 14°33 | 11°53 11°55 | 7°51 | 9°54 9°47 | 8°19 | 10°20 10°27 | 23°28 23°31 | S 10 |
| M11 T 12 | 7 22 27 7 26 23 | 20° 1'40 21° 2'38 | 3 Mp 3 14°58 | 2°44 | 18°42 19°57 | 13°11 12°52 | 24°30 24°43 | 3° 8 3°15 | 14°36 14°40 | 11°55 | 7°53 7°55 | 9°47 9°40 | 8°16 8°13 | 10°27 10°33 | 23°31 23°34 | M11 T 12 |
| W13 | 7 30 20 | 21 238 22° 3'37 | 27° 0 | 4° 8 | 21°13 | 12°33 | 24°56 | 3°22 | 14°43 | 11°58 | 7°58 | 9°35 | 8°10 | 10°33 | 23°37 | W13 |
| T 14 | 7 34 16 | 23° 4'36 | 9 ₽ 12 | 5°33 | 22°28 | 12°13 | 25° 9 | 3°29 | 14°46 | 11°59 | 8° 0 | 9°32 | 8° 7 | 10°47 | 23°40 | T 14 |
| F 15 | 7 38 13 | 24° 5'36 | 21°39 | 6°59 | 23°43 | 11°52 | 25°22 | 3°36 | 14°49 | 12° 1 | 8° 2 | 9°D31 | 8° 3 | 10°53 | 23°43 | F 15 |
| S 16 | 7 42 10 | 25° 6'38 | 4ML25 | 8°26 | 24°59 | 11°31 | 25°36 | 3°43 | 14°52 | 12° 3 | 8° 4 | 9°31 | 8° 0 | 11° 0 | 23°46 | S 16 |
| S 17 | 7 46 6 | 26° 7'40 | 17°34 | 9°53 | 26°14 | 11° 9 | 25°49 | 3°50 | 14°55 | 12° 4 | 8° 6 | 9°32 | 7°57 | 11° 7 | 23°48 | S 17 |
| M18 | 7 50 3 | 27° 8'42 | 1 √ 9 | 11°21 | 27°30 | 10°47 | 26° 2 | 3°58 | 14°58 | 12° 6 | 8° 9 | 9°33 | 7°54 | 11°14 | 23°51 | M18 |
| T 19 | 7 53 59 | 28° 9'46 | 15°13 | 12°49 | 28°45 | 10°24 | 26°15 | 4° 5 | 15° 1 | 12° 8 | 8°11 | 9°R34 | 7°51 | 11°20 | 23°53 | T 19 |
| W20 | 7 57 56 | 29°10'50 | 29°46 | 14°18 | 0≈ 1 | 10° 1 | 26°29 | 4°12 | 15° 4 | 12°10 | 8°13 | 9°32 | 7°48 | 11°27 | 23°55 | W20 |
| T 21 | 8 1 52 | 0≈11'55 | 14 정 42 | 15°48 | 1°16 | 9°38 | 26°42 | 4°19 | 15° 7 | 12°12 | 8°15 | 9°28 | 7°44 | 11°34 | 23°57 | T 21 |
| F 22 S 23 | 8 5 49 8 9 45 | 1°13'00 2°14'05 | 29°54 15 ≈ 14 | 17°18 18°48 | 2°32 3°47 | 9°15 8°51 | 26°56 27° 9 | 4°26 4°33 | 15°10 15°13 | 12°13 12°15 | 8°17 8°19 | 9°21 9°13 | 7°41 7°38 | 11°40 11°47 | 23°59 24° 1 | F 22 S 23 |
| | | | | | | | | | | | | | | | | |
| S 24 M25 | 8 13 42 8 17 39 | 3°15'11 4°16'16 | 0 ∺ 28 15°27 | 20°18 21°49 | 5° 3 6°19 | 8°27 8° 4 | 27°23 27°37 | 4°40 4°47 | 15°16 15°19 | 12°17 12°19 | 8°22 8°24 | 9° 5 8°56 | 7°35 7°32 | 11°54 12° 1 | 24° 3 24° 4 | S 24 M25 |
| T 26 | 8 1 / 39 | 5°17'21 | $0\Upsilon^2$ | 21°49 23°21 | 7°34 | 7°40 | 27°50 | 4°54 | 15°19 | 12°19 | 8°24 8°26 | 8°50 | 7°32 7°29 | 12° 7 | 24° 4 24° 6 | T 26 |
| W27 | 8 25 32 | 6°18'26 | 14° 9 | 24°53 | 8°50 | 7°16 | 28° 4 | 5° 1 | 15°24 | 12°23 | 8°28 | 8°45 | 7°25 | 12°14 | 24° 7 | W27 |
| T 28 | 8 29 28 | 7°19'31 | 27°48 | 26°25 | 10° 5 | 6°52 | 28°18 | 5° 9 | 15°27 | 12°25 | 8°30 | 8°43 | 7°22 | 12°21 | 24° 8 | T 28 |
| F 29 | 8 33 25 | 8°20'36 | 118 0 | 27°57 | 11°20 | 6°28 | 28°32 | 5°16 | 15°29 | 12°27 | 8°32 | 8°D42 | 7°19 | 12°27 | 24°10 | F 29 |
| S 30 | 8 37 21 | 9°21'41 | 23°47 | 29°30 | 12°36 | 6° 5 | 28°45 | 5°23 | 15°32 | 12°29 | 8°34 | 8°43 | 7°16 | 12°34 | 24°11 | S 30 |
| S 31 | 8 41 18 | 10≈22'45 | 6 I I16 | 1≈ 3 | 13≈51 | 5 Ω 41 | 28≈59 | 5≈30 | 15 ∡ ³35 | 12) €31 | 8 ට 36 | 8°R44 | 7 Ⅱ 13 | 12 0 41 | 24 Ω 12 | S 31 |

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|------|----------|------------------|----------------|----------------|----------------|---------------|---------------|------|-----------------|----------------|---------------|---------------|---------------|----------------|----------------|------|
| M 1 | 8 45 14 | 11≈23'49 | 18 耳 30 | 2≈37 | 15≈ 7 | 5°R18 | 29≈13 | 5≈37 | 15 ∡ ³37 | 12) 33 | 8 云 38 | 8°R43 | 7 I 9 | 12 Ω 47 | 24 ₽ 12 | M 1 |
| T 2 | 8 49 11 | 12°24'52 | 0934 | 4°11 | 16°22 | 4 Ω 55 | 29°27 | 5°44 | 15°39 | 12°35 | 8°40 | 8 Ⅱ 41 | 7° 6 | 12°54 | 24°13 | T 2 |
| W 3 | 8 53 8 | 13°25'56 | 12°31 | 5°46 | 17°38 | 4°33 | 29°41 | 5°51 | 15°42 | 12°37 | 8°42 | 8°35 | 7° 3 | 13° 1 | 24°13 | W 3 |
| T 4 | 8 57 4 | 14°26'59 | 24°24 | 7°21 | 18°53 | 4°11 | 29°55 | 5°58 | 15°44 | 12°39 | 8°44 | 8°27 | 7° 0 | 13° 8 | 24°14 | T 4 |
| F 5 | 9 1 1 | 15°28'02 | 6 Ω 15 | 8°56 | 20° 9 | 3°49 | 0 米 9 | 6° 5 | 15°47 | 12°41 | 8°46 | 8°17 | 6°57 | 13°14 | 24°14 | F 5 |
| S 6 | 9 4 57 | 16°29'04 | 18° 7 | 10°32 | 21°24 | 3°28 | 0°23 | 6°12 | 15°49 | 12°43 | 8°48 | 8° 4 | 6°54 | 13°21 | 24°14 | S 6 |
| S 7 | 9 8 54 | 17°30'06 | ompo | 12° 8 | 22°40 | 3° 7 | 0°37 | 6°19 | 15°51 | 12°45 | 8°50 | 7°50 | 6°50 | 13°28 | 24°R14 | S 7 |
| M 8 | 9 12 50 | 18°31'08 | 11°57 | 13°45 | 23°55 | 2°47 | 0°51 | 6°26 | 15°53 | 12°47 | 8°52 | 7°36 | 6°47 | 13°34 | 24°14 | M 8 |
| T 9 | 9 16 47 | 19°32'09 | 23°57 | 15°22 | 25°11 | 2°28 | 1° 5 | 6°33 | 15°56 | 12°49 | 8°54 | 7°24 | 6°44 | 13°41 | 24°14 | T 9 |
| W10 | 9 20 43 | 20°33'11 | 6 º 4 | 17° 0 | 26°26 | 2° 9 | 1°19 | 6°40 | 15°58 | 12°51 | 8°55 | 7°14 | 6°41 | 13°48 | 24°14 | W10 |
| T 11 | 9 24 40 | 21°34'12 | 18°20 | 18°38 | 27°41 | 1°50 | 1°34 | 6°47 | 16° 0 | 12°53 | 8°57 | 7° 7 | 6°38 | 13°55 | 24°14 | T 11 |
| F 12 | 9 28 37 | 22°35'12 | 0 M 47 | 20°17 | 28°57 | 1°32 | 1°48 | 6°54 | 16° 2 | 12°56 | 8°59 | 7° 2 | 6°35 | 14° 1 | 24°13 | F 12 |
| S 13 | 9 32 33 | 23°36'13 | 13°29 | 21°57 | 0 ∺ 12 | 1°15 | 2° 2 | 7° 1 | 16° 4 | 12°58 | 9° 1 | 7° 0 | 6°31 | 14° 8 | 24°12 | S 13 |
| S 14 | 9 36 30 | 24°37'14 | 26°31 | 23°37 | 1°28 | 0°59 | 2°16 | 7° 8 | 16° 6 | 13° 0 | 9° 3 | 7°D 0 | 6°28 | 14°15 | 24°12 | S 14 |
| M15 | 9 40 26 | 25°38'14 | 9 .₹ 56 | 25°17 | 2°43 | 0°43 | 2°30 | 7°15 | 16° 8 | 13° 2 | 9° 4 | 7°R 0 | 6°25 | 14°21 | 24°11 | M15 |
| T 16 | 9 44 23 | 26°39'14 | 23°47 | 26°58 | 3°58 | 0°28 | 2°45 | 7°22 | 16° 9 | 13° 4 | 9° 6 | 6°59 | 6°22 | 14°28 | 24°10 | T 16 |
| W17 | 9 48 19 | 27°40'13 | 8 ප 6 | 28°40 | 5°14 | 0°14 | 2°59 | 7°28 | 16°11 | 13° 7 | 9° 8 | 6°56 | 6°19 | 14°35 | 24° 9 | W17 |
| T 18 | 9 52 16 | 28°41'13 | 22°50 | 0 ∺ 22 | 6°29 | 0° 1 | 3°13 | 7°35 | 16°13 | 13° 9 | 9° 9 | 6°51 | 6°15 | 14°42 | 24° 7 | T 18 |
| F 19 | 9 56 13 | 29°42'12 | 7≈55 | 2° 5 | 7°45 | 299548 | 3°27 | 7°42 | 16°15 | 13°11 | 9°11 | 6°42 | 6°12 | 14°48 | 24° 6 | F 19 |
| S 20 | 10 0 9 | 0) 43′10 | 23°12 | 3°49 | 9° 0 | 29°36 | 3°42 | 7°49 | 16°16 | 13°13 | 9°13 | 6°31 | 6° 9 | 14°55 | 24° 5 | S 20 |
| S 21 | 10 4 6 | 1°44'07 | 8) (30 | 5°33 | 10°15 | 29°25 | 3°56 | 7°56 | 16°18 | 13°15 | 9°14 | 6°19 | 6° 6 | 15° 2 | 24° 3 | S 21 |
| M22 | 10 8 2 | 2°45'03 | 23°37 | 7°18 | 11°31 | 29°15 | 4°10 | 8° 2 | 16°19 | 13°18 | 9°16 | 6° 8 | 6° 3 | 15° 8 | 24° 1 | M22 |
| T 23 | 10 11 59 | 3°45'59 | 8 Y 24 | 9° 3 | 12°46 | 29° 5 | 4°25 | 8° 9 | 16°21 | 13°20 | 9°17 | 5°58 | 6° 0 | 15°15 | 24° 0 | T 23 |
| W24 | 10 15 55 | 4°46'53 | 22°43 | 10°48 | 14° 1 | 28°57 | 4°39 | 8°16 | 16°22 | 13°22 | 9°19 | 5°51 | 5°56 | 15°22 | 23°58 | W24 |
| T 25 | 10 19 52 | 5°47'46 | 6 8 33 | 12°34 | 15°17 | 28°49 | 4°53 | 8°22 | 16°24 | 13°24 | 9°20 | 5°46 | 5°53 | 15°29 | 23°56 | T 25 |
| F 26 | 10 23 48 | 6°48'38 | 19°52 | 14°21 | 16°32 | 28°42 | 5° 7 | 8°29 | 16°25 | 13°27 | 9°22 | 5°44 | 5°50 | 15°35 | 23°53 | F 26 |
| S 27 | 10 27 45 | 7°49'29 | 2 Ⅱ 44 | 16° 7 | 17°47 | 28°36 | 5°22 | 8°35 | 16°26 | 13°29 | 9°23 | 5°44 | 5°47 | 15°42 | 23°51 | S 27 |
| S 28 | 10 31 41 | 8°50'19 | 15°14 | 17°54 | 19° 2 | 28°30 | 5°36 | 8°42 | 16°27 | 13°31 | 9°25 | 5°43 | 5°44 | 15°49 | 23°49 | S 28 |
| M29 | 10 35 38 | 9 ∺ 51'07 | 27Ⅲ26 | 19 米 41 | 20 米 18 | 28926 | 5 ¥ 50 | 8≈48 | 16 × 29 | 13 ∺ 34 | 9 ප 26 | 5 Ⅱ 43 | 5 Ⅱ 41 | 15 Ω 55 | 23 <u>₽</u> 46 | M29 |

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|------|----------|--------------------|-------------------------|----------------|-----------------|---------------|----------------|----------------|----------------|------------------|---------------|---------------|---------------|----------------|----------------|--------------|
| T 1 | 10 39 35 | 10) 51'54 | 9927 | 21) 27 | 21) (33 | 28°R22 | 6 ¥ 5 | 8≈55 | 16 × 30 | 13 ∺ 36 | 9 云 27 | 5°R40 | 5 Ⅱ 37 | 16 Ω 2 | 23°R44 | T 1 |
| W 2 | 10 43 31 | 11°52'40 | 21°20 | 23°14 | 22°48 | 289519 | 6°19 | 9° 1 | 16°31 | 13°38 | 9°29 | 5 Ⅱ 34 | 5°34 | 16° 9 | 23 ≏ 41 | W 2 |
| T 3 | 10 47 28 | 12°53'24 | 3 Ω 10 | 24°59 | 24° 3 | 28°17 | 6°33 | 9° 7 | 16°32 | 13°40 | 9°30 | 5°26 | 5°31 | 16°16 | 23°39 | T 3 |
| F 4 | 10 51 24 | 13°54'07 | 15° 1 | 26°44 | 25°18 | 28°16 | 6°47 | 9°14 | 16°33 | 13°43 | 9°31 | 5°15 | 5°28 | 16°22 | 23°36 | F 4 |
| S 5 | 10 55 21 | 14°54'49 | 26°54 | 28°28 | 26°33 | 28°D15 | 7° 2 | 9°20 | 16°34 | 13°45 | 9°32 | 5° 1 | 5°25 | 16°29 | 23°33 | S 5 |
| S 6 | 10 59 17 | 15°55'29 | 8 m 52 | 0 Υ 11 | 27°49 | 28°15 | 7°16 | 9°26 | 16°35 | 13°47 | 9°34 | 4°47 | 5°21 | 16°36 | 23°30 | S 6 |
| M 7 | 11 3 14 | 16°56'08 | 20°56 | 1°51 | 29° 4 | 28°16 | 7°30 | 9°32 | 16°35 | 13°49 | 9°35 | 4°33 | 5°18 | 16°42 | 23°27 | M 7 |
| T 8 | 11 7 10 | 17°56'46 | 3 ₾ 6 | 3°29 | o Υ 19 | 28°17 | 7°44 | 9°38 | 16°36 | 13°52 | 9°36 | 4°19 | 5°15 | 16°49 | 23°24 | T 8 |
| W 9 | 11 11 7 | 18°57'23 | 15°24 | 5° 5 | 1°34 | 28°20 | 7°58 | 9°44 | 16°37 | 13°54 | 9°37 | 4° 9 | 5°12 | 16°56 | 23°20 | W 9 |
| T 10 | 11 15 4 | 19°57'58 | 27°51 | 6°37 | 2°49 | 28°23 | 8°13 | 9°50 | 16°37 | 13°56 | 9°38 | 4° 1 | 5° 9 | 17° 3 | 23°17 | T 10 |
| F 11 | 11 19 0 | 20°58'33 | 10M29 | 8° 5 | 4° 4 | 28°26 | 8°27 | 9°56 | 16°38 | 13°59 | 9°39 | 3°56 | 5° 6 | 17° 9 | 23°13 | F 11 |
| S 12 | 11 22 57 | 21°59'06 | 23°18 | 9°28 | 5°19 | 28°31 | 8°41 | 10° 2 | 16°38 | 14° 1 | 9°40 | 3°53 | 5° 2 | 17°16 | 23°10 | S 12 |
| S 13 | 11 26 53 | 22°59'38 | 6 ₹ 23 | 10°46 | 6°34 | 28°36 | 8°55 | 10° 8 | 16°39 | 14° 3 | 9°41 | 3°D53 | 4°59 | 17°23 | 23° 6 | S 13 |
| M14 | 11 30 50 | 24° 0'09 | 19°45 | 11°59 | 7°49 | 28°42 | 9° 9 | 10°14 | 16°39 | 14° 5 | 9°42 | 3°R53 | 4°56 | 17°29 | 23° 3 | M14 |
| T 15 | 11 34 46 | 25° 0'39 | 3 云 28 | 13° 4 | 9° 4 | 28°48 | 9°23 | 10°19 | 16°40 | 14° 8 | 9°43 | 3°53 | 4°53 | 17°36 | 22°59 | T 15 |
| W16 | 11 38 43 | 26° 1'07 | 17°32 | 14° 3 | 10°19 | 28°55 | 9°37 | 10°25 | 16°40 | 14°10 | 9°44 | 3°51 | 4°50 | 17°43 | 22°55 | W16 |
| T 17 | 11 42 39 | 27° 1'35 | 1≈58 | 14°53 | 11°34 | 29° 3 | 9°51 | 10°31 | 16°40 | 14°12 | 9°45 | 3°47 | 4°46 | 17°50 | 22°51 | T 17 |
| F 18 | 11 46 36 | 28° 2'01 | 16°42 | 15°35 | 12°49 | 29°11 | 10° 5 | 10°36 | 16°40 | 14°14 | 9°46 | 3°40 | 4°43 | 17°56 | 22°47 | F 18 |
| S 19 | 11 50 33 | 29° 2'26 | 1 ∺ 40 | 16° 8 | 14° 3 | 29°20 | 10°19 | 10°42 | 16°41 | 14°17 | 9°46 | 3°31 | 4°40 | 18° 3 | 22°43 | S 19 |
| S 20 | 11 54 29 | 0 Υ 2'50 | 16°41 | 16°32 | 15°18 | 29°30 | 10°33 | 10°47 | 16°41 | 14°19 | 9°47 | 3°21 | 4°37 | 18°10 | 22°39 | S 20 |
| M21 | 11 58 26 | 1° 3'11 | 1 Y 37 | 16°46 | 16°33 | 29°40 | 10°47 | 10°53 | 16°R41 | 14°21 | 9°48 | 3°11 | 4°34 | 18°16 | 22°35 | M21 |
| T 22 | 12 2 22 | 2° 3'32 | 16°19 | 16°R50 | 17°48 | 29°50 | 11° 1 | 10°58 | 16°41 | 14°23 | 9°49 | 3° 3 | 4°31 | 18°23 | 22°31 | T 22 |
| W23 | 12 6 19 | 3° 3'50 | 0839 | 16°45 | 19° 3 | 00 2 | 11°14 | 11° 3 | 16°40 | 14°25 | 9°49 | 2°56 | 4°27 | 18°30 | 22°26 | W23 |
| T 24 | 12 10 15 | 4° 4'07 | 14°32 | 16°30 | 20°17 | 0°13 | 11°28 | 11° 9 | 16°40 | 14°28 | 9°50 | 2°52 | 4°24 | 18°37 | 22°22 | T 24 |
| F 25 | 12 14 12 | 5° 4'22 6° 4'35 | 27°57 10 Ⅲ 55 | 16° 6 15°33 | 21°32 22°47 | 0°26 0°39 | 11°42 11°56 | 11°14 11°19 | 16°40 16°40 | 14°30 14°32 | 9°50 9°51 | 2°D51 2°51 | 4°21 4°18 | 18°43 18°50 | 22°18 22°13 | F 25 S 26 |
| S 26 | 12 18 8 | | | | | | | _ | | _ | | | _ | | _ | |
| S 27 | 12 22 5 | 7° 4'47 | 23°31 | 14°53 | 24° 1 | 0°52 | 12° 9 | 11°24 | 16°40 | 14°34 | 9°52 | 2°52 | 4°15 | 18°57 | 22° 9 | S 27 |
| M28 | 12 26 2 | 8° 4'56 | 59947 | 14° 7 | 25°16 | 1° 6 | 12°23 | 11°29 | 16°39 | 14°36 | 9°52 | 2°R52 | 4°12 | 19° 3 | 22° 4 | M28 |
| T 29 | 12 29 58 | 9° 5'03 | 17°50 | 13°15 | 26°31 | 1°20 | 12°37 | 11°34 | 16°39 | 14°38 | 9°52 | 2°52 | 4° 8 | 19°10 | 22° 0 | T 29 |
| W30 | 12 33 55 | 10° 5'08 | 29°45 | 12°19 | 27°45 | 1°35 | 12°50 | 11°38 | 16°38 | 14°40 | 9°53 | 2°50 | 4° 5 | 19°17 | 21°55 | W30 |
| T 31 | 12 37 51 | 11 ° 5'11 | 11 £ 36 | 11 Y 20 | 29 ° 0 | 1 Ω 51 | 13 米 4 | 11 ≈ 43 | 16 ₹ 38 | 14) (43 | 9 ප 53 | 2 Ⅱ 45 | 4 II 2 | 19 Ω 24 | 21 ≏ 51 | T 31 |

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| F 1 | 12 41 48 | 12 ° 5'13 | 23 Ω 27 | 10°R20 | 0 8 14 | 2 N 6 | 13) 17 | 11≈48 | 16°R37 | 14) (45 | 9 る 54 | 2°R38 | 3耳59 | 19 Ω 30 | 21°R46 | F 1 |
| S 2 | 12 45 44 | 13° 5'12 | 5 m 23 | 9 Υ 20 | 1°29 | 2°23 | 13°30 | 11°52 | 16 ∡ 37 | 14°47 | 9°54 | 2耳30 | 3°56 | 19°37 | 21 ≏ 41 | S 2 |
| S 3 | 12 49 41 | 14° 5'09 | 17°26 | 8°22 | 2°43 | 2°39 | 13°44 | 11°57 | 16°36 | 14°49 | 9°54 | 2°21 | 3°52 | 19°44 | 21°37 | S 3 |
| M 4 | 12 53 37 | 15° 5'04 | 29°38 | 7°26 | 3°57 | 2°56 | 13°57 | 12° 1 | 16°35 | 14°51 | 9°54 | 2°12 | 3°49 | 19°50 | 21°32 | M 4 |
| T 5 | 12 57 34 | 16° 4'57 | 12 ♀ 1 | 6°34 | 5°12 | 3°14 | 14°10 | 12° 6 | 16°34 | 14°53 | 9°55 | 2° 3 | 3°46 | 19°57 | 21°27 | T 5 |
| W 6 | 13 1 30 | 17° 4'48 | 24°34 | 5°46 | 6°26 | 3°32 | 14°23 | 12°10 | 16°34 | 14°55 | 9°55 | 1°56 | 3°43 | 20° 4 | 21°22 | W 6 |
| T 7 | 13 5 27 | 18° 4'38 | 7 ™ 19 | 5° 3 | 7°40 | 3°50 | 14°36 | 12°14 | 16°33 | 14°57 | 9°55 | 1°51 | 3°40 | 20°11 | 21°18 | T 7 |
| F 8 | 13 9 24 | 19° 4'26 | 20°15 | 4°26 | 8°55 | 4° 9 | 14°50 | 12°18 | 16°32 | 14°59 | 9°55 | 1°49 | 3°37 | 20°17 | 21°13 | F 8 |
| S 9 | 13 13 20 | 20° 4'12 | 3 ₹ 23 | 3°55 | 10° 9 | 4°28 | 15° 3 | 12°22 | 16°31 | 15° 1 | 9°55 | 1°D48 | 3°33 | 20°24 | 21° 8 | S 9 |
| S 10 | 13 17 17 | 21° 3'57 | 16°43 | 3°30 | 11°23 | 4°47 | 15°16 | 12°26 | 16°30 | 15° 3 | 9°55 | 1°49 | 3°30 | 20°31 | 21° 3 | S 10 |
| M11 | 13 21 13 | 22° 3'40 | 0 궁 15 | 3°12 | 12°37 | 5° 7 | 15°28 | 12°30 | 16°29 | 15° 5 | 9°R55 | 1°50 | 3°27 | 20°38 | 20°59 | M11 |
| T 12 | 13 25 10 | 23° 3'21 | 14° 2 | 3° 0 | 13°51 | 5°27 | 15°41 | 12°34 | 16°28 | 15° 6 | 9°55 | 1°51 | 3°24 | 20°44 | 20°54 | T 12 |
| W13 | 13 29 6 | 24° 3'01 | 28° 2 | 2°54 | 15° 5 | 5°48 | 15°54 | 12°38 | 16°26 | 15° 8 | 9°55 | 1°R52 | 3°21 | 20°51 | 20°49 | W13 |
| T 14 | 13 33 3 | 25° 2'39 | 12≈15 | 2°D54 | 16°20 | 6° 9 | 16° 7 | 12°41 | 16°25 | 15°10 | 9°55 | 1°50 | 3°18 | 20°58 | 20°44 | T 14 |
| F 15 | 13 36 59 | 26° 2'15 | 26°39 | 2°59 | 17°34 | 6°30 | 16°19 | 12°45 | 16°24 | 15°12 | 9°55 | 1°48 | 3°14 | 21° 4 | 20°39 | F 15 |
| S 16 | 13 40 56 | 27° 1'50 | 11 米 11 | 3°11 | 18°48 | 6°51 | 16°32 | 12°48 | 16°23 | 15°14 | 9°55 | 1°43 | 3°11 | 21°11 | 20°35 | S 16 |
| S 17 | 13 44 53 | 28° 1'23 | 25°45 | 3°27 | 20° 1 | 7°13 | 16°44 | 12°52 | 16°21 | 15°16 | 9°55 | 1°38 | 3° 8 | 21°18 | 20°30 | S 17 |
| M18 | 13 48 49 | 29° 0'54 | 10 Y 15 | 3°49 | 21°15 | 7°35 | 16°57 | 12°55 | 16°20 | 15°17 | 9°54 | 1°33 | 3° 5 | 21°25 | 20°25 | M18 |
| T 19 | 13 52 46 | 0 8 0'23 | 24°35 | 4°15 | 22°29 | 7°58 | 17° 9 | 12°58 | 16°18 | 15°19 | 9°54 | 1°29 | 3° 2 | 21°31 | 20°21 | T 19 |
| W20 | 13 56 42 | 0°59'50 | 8 8 39 | 4°46 | 23°43 | 8°20 | 17°21 | 13° 1 | 16°17 | 15°21 | 9°54 | 1°26 | 2°58 | 21°38 | 20°16 | W20 |
| T 21 | 14 0 39 | 1°59'16 | 22°23 | 5°21 | 24°57 | 8°43 | 17°34 | 13° 4 | 16°15 | 15°23 | 9°54 | 1°24 | 2°55 | 21°45 | 20°11 | T 21 |
| F 22 | 14 4 35 | 2°58'39 | 5 Ⅱ 44 | 6° 1 | 26°11 | 9° 7 | 17°46 | 13° 7 | 16°14 | 15°24 | 9°53 | 1°D24 | 2°52 | 21°51 | 20° 7 | F 22 |
| S 23 | 14 8 32 | 3°58'01 | 18°43 | 6°44 | 27°24 | 9°30 | 17°58 | 13°10 | 16°12 | 15°26 | 9°53 | 1°25 | 2°49 | 21°58 | 20° 2 | S 23 |
| S 24 | 14 12 28 | 4°57'20 | 19521 | 7°30 | 28°38 | 9°54 | 18°10 | 13°13 | 16°11 | 15°28 | 9°53 | 1°26 | 2°46 | 22° 5 | 19°58 | S 24 |
| M25 | 14 16 25 | 5°56'37 | 13°41 | 8°20 | 29°52 | 10°18 | 18°22 | 13°16 | 16° 9 | 15°29 | 9°52 | 1°28 | 2°43 | 22°12 | 19°53 | M25 |
| T 26 | 14 20 22 | 6°55'52 | 25°47 | 9°13 | 1 II 5 | 10°43 | 18°34 | 13°18 | 16° 7 | 15°31 | 9°52 | 1°29 | 2°39 | 22°18 | 19°49 | T 26 |
| W27 | 14 24 18 | 7°55'04 | 7 Ω 45 | 10°10 | 2°19 | 11° 7 | 18°45 | 13°21 | 16° 5 | 15°33 | 9°51 | 1°R30 | 2°36 | 22°25 | 19°44 | W27 |
| T 28 | 14 28 15 | 8°54'14 | 19°37 | 11° 9 | 3°32 | 11°32 | 18°57 | 13°23 | 16° 4 | 15°34 | 9°51 | 1°29 | 2°33 | 22°32 | 19°40 | T 28 |
| F 29 | 14 32 11 | 9°53'22 | 1 m 31 | 12°11 | 4°46 | 11°57 | 19° 8 | 13°26 | 16° 2 | 15°36 | 9°50 | 1°28 | 2°30 | 22°38 | 19°36 | F 29 |
| S 30 | 14 36 8 | 10852'28 | 13 m 29 | 13 Y 15 | 5 Ⅱ 59 | $12\Omega_{23}$ | 19 米 20 | 13≈28 | 16 ₹ 0 | 15 ∺ 37 | 9 る 49 | 1 Ⅱ 25 | 2 Ⅲ 27 | 22 Ω 45 | 19 ≏ 31 | S 30 |

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| S 1 | 14 40 4 | 11851'32 | 25 Mg 35 | 14 Y 22 | 7 Ⅱ 13 | 12 Ω 48 | 19 米 31 | 13≈30 | 15°R58 | 15 ¥ 39 | 9°R49 | 1°R22 | 2∏23 | 22 N 52 | 19°R27 | S 1 |
| M 2 | 14 44 1 | 12°50'33 | 7 ≏ 53 | 15°31 | 8°26 | 13°14 | 19°43 | 13°32 | 15 ₹ 56 | 15°40 | 9 ප 48 | 1 I I19 | 2°20 | 22°59 | 19 ≏ 23 | M 2 |
| T 3 | 14 47 57 | 13°49'32 | 20°26 | 16°43 | 9°39 | 13°40 | 19°54 | 13°34 | 15°54 | 15°41 | 9°47 | 1°17 | 2°17 | 23° 5 | 19°19 | T 3 |
| W 4 | 14 51 54 | 14°48'30 | 3ML14 | 17°57 | 10°53 | 14° 6 | 20° 5 | 13°36 | 15°52 | 15°43 | 9°47 | 1°14 | 2°14 | 23°12 | 19°15 | W 4 |
| T 5 | 14 55 51 | 15°47'25 | 16°17 | 19°13 | 12° 6 | 14°33 | 20°16 | 13°37 | 15°50 | 15°44 | 9°46 | 1°13 | 2°11 | 23°19 | 19°11 | T 5 |
| F 6 | 14 59 47 | 16°46'18 | 29°36 | 20°30 | 13°19 | 14°59 | 20°27 | 13°39 | 15°48 | 15°46 | 9°45 | 1°D13 | 2° 8 | 23°26 | 19° 7 | F 6 |
| S 7 | 15 3 44 | 17°45'10 | 13 × 9 | 21°50 | 14°32 | 15°26 | 20°37 | 13°41 | 15°46 | 15°47 | 9°44 | 1°13 | 2° 4 | 23°32 | 19° 3 | S 7 |
| S 8 | 15 7 40 | 18°44'00 | 26°54 | 23°12 | 15°45 | 15°53 | 20°48 | 13°42 | 15°44 | 15°48 | 9°44 | 1°14 | 2° 1 | 23°39 | 19° 0 | S 8 |
| M 9 | 15 11 37 | 19°42'48 | 10 궁 49 | 24°36 | 16°58 | 16°20 | 20°59 | 13°43 | 15°41 | 15°49 | 9°43 | 1°15 | 1°58 | 23°46 | 18°56 | M 9 |
| T 10 | 15 15 33 | 20°41'34 | 24°52 | 26° 2 | 18°11 | 16°48 | 21° 9 | 13°45 | 15°39 | 15°51 | 9°42 | 1°16 | 1°55 | 23°52 | 18°52 | T 10 |
| W11 | 15 19 30 | 21°40'19 | 9≈ 1 | 27°29 | 19°24 | 17°15 | 21°20 | 13°46 | 15°37 | 15°52 | 9°41 | 1°16 | 1°52 | 23°59 | 18°49 | W11 |
| T 12 | 15 23 26 | 22°39'02 | 23°14 | 28°59 | 20°37 | 17°43 | 21°30 | 13°47 | 15°35 | 15°53 | 9°40 | 1°R16 | 1°49 | 24° 6 | 18°45 | T 12 |
| F 13 | 15 27 23 | 23°37'44 | 7 ∺ 27 | 0 8 30 | 21°50 | 18°11 | 21°40 | 13°48 | 15°33 | 15°54 | 9°39 | 1°16 | 1°45 | 24°13 | 18°42 | F 13 |
| S 14 | 15 31 20 | 24°36'24 | 21°40 | 2° 2 | 23° 2 | 18°39 | 21°50 | 13°49 | 15°30 | 15°55 | 9°38 | 1°16 | 1°42 | 24°19 | 18°39 | S 14 |
| S 15 | 15 35 16 | 25°35'02 | 5 Υ 48 | 3°37 | 24°15 | 19° 7 | 22° 0 | 13°50 | 15°28 | 15°56 | 9°37 | 1°15 | 1°39 | 24°26 | 18°36 | S 15 |
| M16 | 15 39 13 | 26°33'39 | 19°49 | 5°13 | 25°28 | 19°35 | 22°10 | 13°50 | 15°26 | 15°57 | 9°36 | 1°14 | 1°36 | 24°33 | 18°33 | M16 |
| T 17 | 15 43 9 | 27°32'14 | 3 8 41 | 6°51 | 26°40 | 20° 4 | 22°20 | 13°51 | 15°23 | 15°58 | 9°35 | 1°14 | 1°33 | 24°39 | 18°30 | T 17 |
| W18 | 15 47 6 | 28°30'47 | 17°19 | 8°31 | 27°53 | 20°33 | 22°29 | 13°51 | 15°21 | 15°59 | 9°34 | 1°14 | 1°29 | 24°46 | 18°27 | W18 |
| T 19 | 15 51 2 | 29°29'19 | 0 Ⅱ 42 | 10°13 | 29° 5 | 21° 2 | 22°39 | 13°52 | 15°19 | 16° 0 | 9°33 | 1°D14 | 1°26 | 24°53 | 18°24 | T 19 |
| F 20 | 15 54 59 | 0∏27'49 | 13°49 | 11°56 | 09্হ18 | 21°31 | 22°48 | 13°52 | 15°16 | 16° 1 | 9°32 | 1°14 | 1°23 | 25° 0 | 18°21 | F 20 |
| S 21 | 15 58 55 | 1°26'17 | 26°39 | 13°41 | 1°30 | 22° 0 | 22°57 | 13°52 | 15°14 | 16° 2 | 9°31 | 1°R14 | 1°20 | 25° 6 | 18°18 | S 21 |
| S 22 | 16 2 52 | 2°24'43 | 99512 | 15°28 | 2°43 | 22°29 | 23° 6 | 13°R52 | 15°11 | 16° 3 | 9°29 | 1°14 | 1°17 | 25°13 | 18°16 | S 22 |
| M23 | 16 649 | 3°23'08 | 21°31 | 17°16 | 3°55 | 22°59 | 23°15 | 13°52 | 15° 9 | 16° 4 | 9°28 | 1°13 | 1°14 | 25°20 | 18°13 | M23 |
| T 24 | 16 10 45 | 4°21'30 | 3 Ω 38 | 19° 6 | 5° 7 | 23°29 | 23°24 | 13°52 | 15° 6 | 16° 5 | 9°27 | 1°13 | 1°10 | 25°27 | 18°11 | T 24 |
| W25 | 16 14 42 | 5°19'50 | 15°36 | 20°58 | 6°19 | 23°58 | 23°33 | 13°52 | 15° 4 | 16° 5 | 9°26 | 1°13 | 1° 7 | 25°33 | 18° 9 | W25 |
| T 26 | 16 18 38 | 6°18'09 | 27°30 | 22°52 | 7°32 | 24°28 | 23°42 | 13°52 | 15° 1 | 16° 6 | 9°24 | 1°13 | 1° 4 | 25°40 | 18° 7 | T 26 |
| F 27 | 16 22 35 | 7°16'25 | 9 m 23 | 24°48 | 8°44 | 24°58 | 23°50 | 13°51 | 14°59 | 16° 7 | 9°23 | 1°D12 | 1° 1 | 25°47 | 18° 5 | F 27 |
| S 28 | 16 26 31 | 8°14'39 | 21°21 | 26°45 | 9°56 | 25°29 | 23°58 | 13°51 | 14°56 | 16° 8 | 9°22 | 1°13 | 0°58 | 25°53 | 18° 3 | S 28 |
| S 29 | 16 30 28 | 9°12'52 | 3 ₾ 29 | 28°44 | 11°8 | 25°59 | 24° 7 | 13°50 | 14°54 | 16° 8 | 9°21 | 1°13 | 0°55 | 26° 0 | 18° 1 | S 29 |
| M30 | 16 34 24 | 10°11'02 | 15°49 | 0 Ⅱ 45 | 12°19 | 26°29 | 24°15 | 13°49 | 14°51 | 16° 9 | 9°19 | 1°14 | 0°51 | 26° 7 | 17°59 | M30 |
| T 31 | 16 38 21 | 11 II 9'11 | 28 ≏ 26 | 2 ∐ 47 | 13931 | 27 N 0 | 24) (23 | 13 ≈ 49 | 14 ×7 49 | 16 米 9 | 9 ට 18 | 1 II 15 | 0 Ⅱ 48 | 26 Ω 14 | 17 ≏ 58 | T 31 |

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| W 1 | 16 42 18 | 12 II 7'18 | 11 M 23 | 4 ∏ 51 | 149543 | 27 Ω 31 | 24) (30 | 13°R48 | 14°R46 | 16 ¥ 10 | 9°R17 | 1 I I16 | 0Д45 | 26№20 | 17°R56 | W 1 |
| T 2 | 16 46 14 | 13° 5'23 | 24°41 | 6°57 | 15°55 | 28° 1 | 24°38 | 13 ≈ 47 | 14 ×7 44 | 16°10 | 9 ට 15 | 1°R16 | 0°42 | 26°27 | 17 ≏ 55 | T 2 |
| F 3 | 16 50 11 | 14° 3'27 | 8 ∡ 19 | 9° 3 | 17° 6 | 28°32 | 24°46 | 13°46 | 14°41 | 16°11 | 9°14 | 1°16 | 0°39 | 26°34 | 17°53 | F 3 |
| S 4 | 16 54 7 | 15° 1'29 | 22°16 | 11°12 | 18°18 | 29° 3 | 24°53 | 13°44 | 14°39 | 16°11 | 9°12 | 1°16 | 0°35 | 26°40 | 17°52 | S 4 |
| S 5 | 16 58 4 | 15°59'29 | 6 පි 29 | 13°21 | 19°29 | 29°34 | 25° 0 | 13°43 | 14°36 | 16°12 | 9°11 | 1°14 | 0°32 | 26°47 | 17°51 | S 5 |
| M 6 | 17 2 0 | 16°57'29 | 20°53 | 15°31 | 20°41 | 0 ™ 6 | 25° 7 | 13°42 | 14°34 | 16°12 | 9° 9 | 1°12 | 0°29 | 26°54 | 17°50 | M 6 |
| T 7 | 17 5 57 | 17°55'26 | 5≈22 | 17°42 | 21°52 | 0°37 | 25°14 | 13°40 | 14°31 | 16°13 | 9° 8 | 1°10 | 0°26 | 27° 1 | 17°49 | T 7 |
| W 8 | 17 9 54 | 18°53'23 | 19°50 | 19°53 | 23° 3 | 1° 8 | 25°21 | 13°39 | 14°29 | 16°13 | 9° 7 | 1° 8 | 0°23 | 27° 7 | 17°49 | W 8 |
| T 9 | 17 13 50 | 19°51'18 | 4) 14 | 22° 4 | 24°15 | 1°40 | 25°27 | 13°37 | 14°26 | 16°13 | 9° 5 | 1° 7 | 0°20 | 27°14 | 17°48 | T 9 |
| F 10 | 17 17 47 | 20°49'12 | 18°29 | 24°16 | 25°26 | 2°12 | 25°34 | 13°36 | 14°24 | 16°13 | 9° 4 | 1°D 6 | 0°16 | 27°21 | 17°47 | F 10 |
| S 11 | 17 21 43 | 21°47'05 | 2 Υ 34 | 26°27 | 26°37 | 2°43 | 25°40 | 13°34 | 14°21 | 16°14 | 9° 2 | 1° 7 | 0°13 | 27°28 | 17°47 | S 11 |
| S 12 | 17 25 40 | 22°44'57 | 16°25 | 28°37 | 27°48 | 3°15 | 25°46 | 13°32 | 14°19 | 16°14 | 9° 1 | 1° 8 | 0°10 | 27°34 | 17°47 | S 12 |
| M13 | 17 29 36 | 23°42'48 | 0 8 4 | 09547 | 28°59 | 3°47 | 25°52 | 13°30 | 14°16 | 16°14 | 8°59 | 1° 9 | 0° 7 | 27°41 | 17°46 | M13 |
| T 14 | 17 33 33 | 24°40'38 | 13°29 | 2°55 | $0\Omega 10$ | 4°19 | 25°58 | 13°28 | 14°14 | 16°14 | 8°57 | 1°10 | 0° 4 | 27°48 | 17°D46 | T 14 |
| W15 | 17 37 29 | 25°38'27 | 26°42 | 5° 2 | 1°20 | 4°51 | 26° 4 | 13°26 | 14°11 | 16°14 | 8°56 | 1°R11 | 0° 1 | 27°54 | 17°46 | W15 |
| T 16 | 17 41 26 | 26°36'14 | 9∏42 | 7° 8 | 2°31 | 5°24 | 26° 9 | 13°23 | 14° 9 | 16°14 | 8°54 | 1°11 | 29 8 57 | 28° 1 | 17°47 | T 16 |
| F 17 | 17 45 23 | 27°34'01 | 22°29 | 9°11 | 3°42 | 5°56 | 26°15 | 13°21 | 14° 6 | 16°R14 | 8°53 | 1°10 | 29°54 | 28° 8 | 17°47 | F 17 |
| S 18 | 17 49 19 | 28°31'46 | 599 4 | 11°13 | 4°52 | 6°29 | 26°20 | 13°19 | 14° 4 | 16°14 | 8°51 | 1° 7 | 29°51 | 28°15 | 17°47 | S 18 |
| S 19 | 17 53 16 | 29°29'30 | 17°27 | 13°12 | 6° 3 | 7° 1 | 26°25 | 13°16 | 14° 2 | 16°14 | 8°50 | 1° 3 | 29°48 | 28°21 | 17°48 | S 19 |
| M20 | 17 57 12 | 0927'13 | 29°40 | 15° 9 | 7°13 | 7°34 | 26°30 | 13°14 | 13°59 | 16°14 | 8°48 | 0°58 | 29°45 | 28°28 | 17°48 | M20 |
| T 21 | 18 1 9 | 1°24'54 | 11 Ω 43 | 17° 3 | 8°24 | 8° 6 | 26°34 | 13°11 | 13°57 | 16°14 | 8°47 | 0°53 | 29°41 | 28°35 | 17°49 | T 21 |
| W22 | 18 5 5 | 2°22'34 | 23°40 | 18°55 | 9°34 | 8°39 | 26°39 | 13° 8 | 13°54 | 16°14 | 8°45 | 0°48 | 29°38 | 28°42 | 17°50 | W22 |
| T 23 | 18 9 2 | 3°20'13 | 5 m 32 | 20°44 | 10°44 | 9°12 | 26°43 | 13° 5 | 13°52 | 16°14 | 8°43 | 0°44 | 29°35 | 28°48 | 17°51 | T 23 |
| F 24 | 18 12 58 | 4°17'50 | 17°25 | 22°30 | 11°54 | 9°45 | 26°47 | 13° 2 | 13°50 | 16°13 | 8°42 | 0°41 | 29°32 | 28°55 | 17°52 | F 24 |
| S 25 | 18 16 55 | 5°15'26 | 29°21 | 24°14 | 13° 4 | 10°18 | 26°51 | 12°59 | 13°47 | 16°13 | 8°40 | 0°39 | 29°29 | 29° 2 | 17°53 | S 25 |
| S 26 | 18 20 52 | 6°13'01 | 11 ≏ 26 | 25°55 | 14°14 | 10°51 | 26°55 | 12°56 | 13°45 | 16°13 | 8°39 | 0°D39 | 29°26 | 29° 8 | 17°55 | S 26 |
| M27 | 18 24 48 | 7°10'34 | 23°45 | 27°33 | 15°23 | 11°25 | 26°58 | 12°53 | 13°43 | 16°13 | 8°37 | 0°40 | 29°22 | 29°15 | 17°56 | M27 |
| T 28 | 18 28 45 | 8° 8'06 | 6 M 21 | 29° 8 | 16°33 | 11°58 | 27° 2 | 12°50 | 13°41 | 16°12 | 8°35 | 0°42 | 29°19 | 29°22 | 17°57 | T 28 |
| W29 | 18 32 41 | 9° 5'37 | 19°20 | $0\Omega41$ | 17°43 | 12°31 | 27° 5 | 12°47 | 13°38 | 16°12 | 8°34 | 0°43 | 29°16 | 29°29 | 17°59 | W29 |
| T 30 | 18 36 38 | 109 3'07 | 2 , 7⁴43 | $2\Omega 10$ | 18 Ω 52 | 13 m 5 | 27) 8 | 12≈44 | 13 ∡ 36 | 16 ∺ 12 | 8 궁 32 | 0°R44 | 29 8 13 | 29 Ω 35 | 18 ♀ 1 | T 30 |

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|--------------|--------------------|--------------------|------------------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|----------------|---------------|-----------------|----------------|----------------|----------------|--------------|
| F 1 | 18 40 34 | 1199 0'36 | 16 ₹ 32 | 3 Ω 37 | 20₽ 1 | 13 m 38 | 27) (11 | 12°R40 | 13°R34 | 16°R11 | 8°R31 | 0°R43 | 29810 | 29 Ω 42 | 18 ♀ 3 | F 1 |
| S 2 | 18 44 31 | 11°58'04 | 0 중 46 | 5° 1 | 21°11 | 14°12 | 27°14 | 12≈37 | 13 ∡ 32 | 16 米 11 | 8 云 29 | 0 Ⅱ 40 | 29° 7 | 29°49 | 18° 5 | S 2 |
| S 3 | 18 48 27 | 12°55'31 | 15°21 | 6°21 | 22°20 | 14°46 | 27°16 | 12°33 | 13°30 | 16°10 | 8°27 | 0°35 | 29° 3 | 29°56 | 18° 7 | S 3 |
| M 4 | 18 52 24 | 13°52'58 | 0≈10 | 7°39 | 23°29 | 15°19 | 27°18 | 12°30 | 13°28 | 16°10 | 8°26 | 0°29 | 29° 0 | 0 mg 2 | 18° 9 | M 4 |
| T 5 | 18 56 21 | 14°50'23 | 15° 6 | 8°54 | 24°38 | 15°53 | 27°21 | 12°26 | 13°26 | 16° 9 | 8°24 | 0°23 | 28°57 | 0 9 | 18°11 | T 5 |
| W 6 | 19 0 17 | 15°47'48 | 29°59 | 10° 5 | 25°46 | 16°27 | 27°22 | 12°22 | 13°24 | 16° 9 | 8°23 | 0°17 | 28°54 | 0°16 | 18°14 | W 6 |
| T 7 | 19 4 14 | 16°45'12 | 14) (41 | 11°14 | 26°55 | 17° 1 | 27°24 | 12°19 | 13°22 | 16° 8 | 8°21 | 0°11 | 28°51 | 0°22 | 18°16 | T 7 |
| F 8 | 19 8 10 | 17°42'36 | 29° 8 | 12°19 | 28° 4 | 17°35 | 27°26 | 12°15 | 13°20 | 16° 7 | 8°19 | 0° 8 | 28°47 | 0°29 | 18°19 | F 8 |
| S 9 | 19 12 7 | 18°39'59 | 13 Y 15 | 13°20 | 29°12 | 18° 9 | 27°27 | 12°11 | 13°18 | 16° 7 | 8°18 | 0°D 7 | 28°44 | 0°36 | 18°22 | S 9 |
| S 10 | 19 16 3 | 19°37'22 | 27° 1 | 14°19 | 0 m 20 | 18°43 | 27°28 | 12° 7 | 13°16 | 16° 6 | 8°16 | 0° 7 | 28°41 | 0°43 | 18°24 | S 10 |
| M11 | 19 20 0 | 20°34'45 | 10828 | 15°14 | 1°28 | 19°18 | 27°29 | 12° 3 | 13°14 | 16° 5 | 8°15 | 0° 8 | 28°38 | 0°49 | 18°27 | M11 |
| T 12 | 19 23 57 | 21°32'08 | 23°37 | 16° 5 | 2°36 | 19°52 | 27°30 | 11°59 | 13°12 | 16° 5 | 8°13 | 0°R 9 | 28°35 | 0°56 | 18°30 | T 12 |
| W13 | 19 27 53 | 22°29'30 | 6 Ⅱ 31 | 16°53 | 3°44 | 20°26 | 27°31 | 11°55 | 13°11 | 16° 4 | 8°12 | 0° 9 | 28°32 | 1° 3 | 18°34 | W13 |
| T 14 | 19 31 50 | 23°26'52 | 19°11 | 17°36 | 4°52 | 21° 1 | 27°31 | 11°51 | 13° 9 | 16° 3 | 8°10 | 0° 7 | 28°28 | 1° 9 | 18°37 | T 14 |
| F 15 | 19 35 46 | 24°24'13 | 19540 | 18°16 | 6° 0 | 21°35 | 27°31 | 11°47 | 13° 7 | 16° 2 | 8° 9 | 0° 3 | 28°25 | 1°16 | 18°40 | F 15 |
| S 16 | 19 39 43 | 25°21'35 | 13°59 | 18°52 | 7° 7 | 22°10 | 27°R31 | 11°43 | 13° 6 | 16° 1 | 8° 7 | 29 8 56 | 28°22 | 1°23 | 18°44 | S 16 |
| S 17 | 19 43 39 | 26°18'56 | 26°10 | 19°24 | 8°15 | 22°45 | 27°31 | 11°39 | 13° 4 | 16° 0 | 8° 6 | 29°47 | 28°19 | 1°30 | 18°47 | S 17 |
| M18 | 19 47 36 | 27°16'16 | 8 Ω 14 | 19°52 | 9°22 | 23°19 | 27°31 | 11°35 | 13° 2 | 15°59 | 8° 4 | 29°37 | 28°16 | 1°36 | 18°51 | M18 |
| T 19 | 19 51 32 | 28°13'36 | 20°13 | 20°15 | 10°29 | 23°54 | 27°30 | 11°31 | 13° 1 | 15°59 | 8° 3 | 29°26 | 28°13 | 1°43 | 18°55 | T 19 |
| W20 | 19 55 29 | 29°10'56 | 2 m 6 | 20°34 | 11°36 | 24°29 | 27°29 | 11°26 | 12°59 | 15°58 | 8° 1 | 29°16 | 28° 9 | 1°50 | 18°58 | W20 |
| T 21 F 22 | 19 59 26 | 0Ω 8'15 | 13°57 25°49 | 20°49 20°59 | 12°43 13°49 | 25° 4 25°39 | 27°28 27°27 | 11°22 11°18 | 12°58 | 15°57 15°56 | 8° 0 | 29° 6 28°58 | 28° 6 28° 3 | 1°57 2° 3 | 19° 2 19° 7 | T 21 F 22 |
| S 23 | 20 3 22 20 7 19 | 1° 5'33 2° 2'51 | 23°49 7 Ω 44 | 20°59 21° 4 | 13°49 14°56 | 25°39 26°14 | 27°26 | 11°18 | 12°56 12°55 | 15°55 | 7°58 7°57 | 28°53 | 28° 3 | 2°10 | 19° / | S 23 |
| | | | | | | - | | | | | | | | | | |
| S 24 | 20 11 15 | 3° 0'09 | 19°47 | 21°R 5 | 16° 2 | 26°49 | 27°24 | 11° 9 | 12°54 | 15°53 | 7°55 | 28°50 | 27°57 | 2°17 | 19°15 | S 24 |
| M25 | 20 15 12 | 3°57'26 | 2M 3 | 21° 1 | 17° 8 | 27°24 | 27°22 | 11° 5 | 12°52 | 15°52 | 7°54 | 28°D50 | 27°53 | 2°23 | 19°19 | M25 |
| T 26 W27 | 20 19 8 20 23 5 | 4°54'43 5°52'00 | 14°36 27°30 | 20°52 20°39 | 18°14 19°19 | 27°59 28°35 | 27°21 27°18 | 11° 0 10°56 | 12°51 12°50 | 15°51 15°50 | 7°53 7°51 | 28°50 28°R50 | 27°50 27°47 | 2°30 2°37 | 19°24 19°28 | T 26 W27 |
| T 28 | 20 23 3 | 6°49'16 | 10 × 751 | 20°39 20°22 | 20°25 | 28°33 29°10 | 27°18 | 10°56 10°51 | 12°49 | 15°49 | 7°50 | 28°50 | 27°47 27°44 | 2°44 | 19°28 19°33 | T 28 |
| F 29 | 20 30 58 | 7°46'32 | 24°41 | 20° 22 20° 0 | 20°23 | 29°46 | 27°14 | 10°47 | 12°48 | 15°48 | 7°49 | 28°47 | 27°41 | 2°50 | 19°38 | F 29 |
| S 30 | 20 30 38 | 8°43'47 | 9 궁 0 | 19°35 | 21°35 | 0 ₽ 21 | 27°11 | 10°47 | 12°47 | 15°47 | 7°47 | 28°43 | 27°38 | 2°57 | 19°42 | S 30 |
| S 31 | 20 38 51 | 9 Ω 41'03 | 23 중 44 | 19 0 6 | 23 m/40 | 0 ≏ 57 | 27) 8 | 10 ≈ 38 | 12 × 746 | 15) 45 | 7 云 46 | 28 8 35 | 27 8 34 | 3 Mp 4 | 19 ≙ 47 | S 31 |

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| M 1 | 20 42 48 | 10 Ω 38'18 | 8≈48 | 18°R34 | 24 Mp 45 | 1 ≏ 32 | 27°R 5 | 10°R34 | 12°R45 | 15°R44 | 7°R45 | 28°R26 | 27 8 31 | 3 Mp 10 | 19 ≏ 52 | M 1 |
| T 2 | 20 46 44 | 11°35'34 | 24° 2 | 18 N 0 | 25°49 | 2° 8 | 27 米 2 | 10≈29 | 12 ×7 44 | 15) 43 | 7 云 43 | 28 8 16 | 27°28 | 3°17 | 19°57 | T 2 |
| W 3 | 20 50 41 | 12°32'49 | 9 米 15 | 17°23 | 26°54 | 2°43 | 26°58 | 10°25 | 12°43 | 15°42 | 7°42 | 28° 6 | 27°25 | 3°24 | 20° 3 | W 3 |
| T 4 | 20 54 37 | 13°30'05 | 24°16 | 16°45 | 27°58 | 3°19 | 26°55 | 10°20 | 12°42 | 15°40 | 7°41 | 27°58 | 27°22 | 3°31 | 20° 8 | T 4 |
| F 5 | 20 58 34 | 14°27'21 | 8 Υ 58 | 16° 6 | 29° 1 | 3°55 | 26°51 | 10°16 | 12°41 | 15°39 | 7°40 | 27°52 | 27°19 | 3°37 | 20°13 | F 5 |
| S 6 | 21 2 30 | 15°24'38 | 23°15 | 15°26 | 0 ල 5 | 4°31 | 26°47 | 10°12 | 12°41 | 15°38 | 7°38 | 27°48 | 27°15 | 3°44 | 20°19 | S 6 |
| S 7 | 21 6 27 | 16°21'55 | 7 8 6 | 14°47 | 1° 8 | 5° 7 | 26°43 | 10° 7 | 12°40 | 15°36 | 7°37 | 27°47 | 27°12 | 3°51 | 20°24 | S 7 |
| M 8 | 21 10 24 | 17°19'12 | 20°31 | 14°10 | 2°11 | 5°43 | 26°39 | 10° 3 | 12°39 | 15°35 | 7°36 | 27°46 | 27° 9 | 3°58 | 20°30 | M 8 |
| T 9 | 21 14 20 | 18°16'31 | 3 Ⅱ 34 | 13°34 | 3°14 | 6°19 | 26°34 | 9°58 | 12°39 | 15°33 | 7°35 | 27°46 | 27° 6 | 4° 4 | 20°35 | T 9 |
| W10 | 21 18 17 | 19°13'50 | 16°18 | 13° 0 | 4°17 | 6°55 | 26°30 | 9°54 | 12°38 | 15°32 | 7°34 | 27°45 | 27° 3 | 4°11 | 20°41 | W10 |
| T 11 F 12 | 21 22 13 21 26 10 | 20°11'09 21° 8'29 | 28°46 11 9 6 3 | 12°30 12° 3 | 5°19 6°21 | 7°31 8° 7 | 26°25 26°20 | 9°50 9°45 | 12°38 12°37 | 15°31 15°29 | 7°33 7°32 | 27°42 27°37 | 26°59 26°56 | 4°18 4°24 | 20°47 20°53 | T 11 F 12 |
| S 13 | 21 20 10 | 21 8 29 22° 5'50 | 23°11 | 12 3 11°41 | 7°23 | 8°44 | 26°15 | 9°43 | 12°37 | 15°28 | 7°31 | 27°28 | 26°53 | 4°24 4°31 | 20°59 | S 13 |
| | | | _ | | | | | _ | | | | | | | | |
| S 14 | 21 34 3 | 23° 3'11 | 5 Ω 12 | 11°23 | 8°24 | 9°20 | 26°10 | 9°37 | 12°37 | 15°26 | 7°30 | 27°17 | 26°50 | 4°38 | 21° 5 | S 14 |
| M15 | 21 37 59 | 24° 0'33 | 17° 9 | 11°10 | 9°25 | 9°56 | 26° 4 | 9°33 | 12°36 | 15°25 | 7°29 | 27° 4 | 26°47 | 4°45 | 21°11 | M15 |
| T 16 | 21 41 56 | 24°57'55 | 29° 2 | 11° 3 | 10°26 | 10°33 | 25°59 | 9°28 | 12°36 | 15°23 | 7°28 | 26°50 | 26°44 | 4°51 | 21°17 | T 16 |
| W17 | 21 45 53 | 25°55'18 | 10 m 54 | 11°D 1 | 11°27 | 11° 9 | 25°53 | 9°24 | 12°36 | 15°22 | 7°27 | 26°36 | 26°40 | 4°58 | 21°23 | W17 |
| T 18 F 19 | 21 49 49 21 53 46 | 26°52'41 27°50'04 | 22°46 4 Ω 39 | 11° 4 11°14 | 12°27 13°27 | 11°46 12°23 | 25°47 25°41 | 9°20 9°16 | 12°36 12°36 | 15°20 15°19 | 7°26 7°25 | 26°23 26°13 | 26°37 26°34 | 5° 5 5°11 | 21°30 21°36 | T 18 F 19 |
| S 20 | 21 53 46 21 57 42 | 28°47'28 | 16°36 | 11°14 11°30 | 13°27 14°26 | 12°23 | 25°35 | 9°16 | 12°36 12°D36 | 15°17 | 7°23 | 26° 13 | 26°34 26°31 | 5°18 | 21°43 | S 20 |
| | | | | | | | | - | | | | | | | _ | |
| S 21 | 22 1 39 | 29°44'53 | 28°40 | 11°52 | 15°25 | 13°36 | 25°29 | 9° 8 | 12°36 | 15°16 | 7°24 | 26° 1 | 26°28 | 5°25 | 21°49 | S 21 |
| M22 | 22 5 35 | 0 mp 42'18 | 10M56 | 12°20 | 16°24 | 14°13 | 25°22 | 9° 4 | 12°36 | 15°14 | 7°23 | 25°59 | 26°25 | 5°32 | 21°56 | M22 |
| T 23 W24 | 22 9 32 22 13 28 | 1°39'43 2°37'09 | 23°26 6 × 717 | 12°54 13°35 | 17°22 18°20 | 14°50 15°27 | 25°16 25° 9 | 9° 0 8°56 | 12°36 12°36 | 15°12 15°11 | 7°22 7°21 | 25°59 25°59 | 26°21 26°18 | 5°38 | 22° 2 22° 9 | T 23 W24 |
| T 25 | 22 13 28 | 3°34'36 | 19°33 | 13°33 | 18°20 | 16° 4 | 25° 9 | 8°52 | 12°36 | 15° 11 | 7°21 | 25°58 | 26°18 26°15 | 5°45 5°52 | 22°16 | T 25 |
| F 26 | 22 17 23 22 21 22 | 4°32'03 | 3 云 16 | 14 21 15°14 | 20°15 | 16°41 | 23° 2 24° 56 | 8°49 | 12°37 | 15° 8 | 7°20 | 25°56 | 26°13 | 5°59 | 22°23 | F 26 |
| S 27 | 22 25 18 | 5°29'30 | 17°28 | 16°13 | 20°13 | 10 41 17°18 | 24°49 | 8°45 | 12°37 | 15° 6 | 7°19 | 25°51 | 26° 9 | 6° 5 | 22°30 | S 27 |
| | | | | | | | | | | | | | | | | |
| S 28 | 22 29 15 | 6°26'59 | 2 ≈ 9 | 17°17 | 22° 8 | 17°55 | 24°42 | 8°41 | 12°37 | 15° 5 | 7°19 | 25°44 | 26° 5 | 6°12 | 22°37 | S 28 |
| M29 | 22 33 11 | 7°24'27 | 17°12 | 18°27 19°42 | 23° 3 | 18°32 19° 9 | 24°34 | 8°38 | 12°38 | 15° 3 | 7°18 | 25°34 | 26° 2 | 6°19 | 22°44 | M29 |
| T 30 W31 | 22 37 8 22 41 4 | 8°21'57 9 m)19'27 | 2 ∺ 29 17 ∺ 49 | $19^{\circ}42$ 21Ω 3 | 23°59 24 Ω 53 | 19° 9 19 ≏ 46 | 24°27 24 ¥ 20 | 8°34 8 ≈ 31 | 12°38 12 × 39 | 15° 1 15 ¥ 0 | 7°17 7 る 17 | 25°24 25 8 14 | 25°59 25 8 56 | 6°25 6 m 32 | 22°51 22 Ω 58 | T 30 W31 |
| VVJI | 42414 | 1111 17 4/ | 1//(49 | 2106 3 | 24==33 | 17=40 | 24N20 | 10~0 | 148.39 | 13/(0 | /01/ | 23014 | 23030 | 0 IIJ 32 | ZZ = 38 | VVJI |

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|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|-------|-----------------|------------------|---------------|----------------|----------------|----------------|----------------|------|
| T 1 | 22 45 1 | 10 m 16'59 | 3Υ 1 | 22\$\Omega29\$ | 25 ≙ 47 | 20 ≏ 24 | 24°R13 | 8°R27 | 12 × 40 | 14°R58 | 7°R16 | 25°R 5 | 25 8 53 | 6 m 39 | 23 º 5 | T 1 |
| F 2 | 22 48 57 | 11°14'31 | 17°54 | 24° 0 | 26°41 | 21° 1 | 24 米 5 | 8≈24 | 12°40 | 14) (56 | 7 云 16 | 24 8 59 | 25°50 | 6°46 | 23°13 | F 2 |
| S 3 | 22 52 54 | 12°12'05 | 2822 | 25°35 | 27°34 | 21°38 | 23°58 | 8°21 | 12°41 | 14°55 | 7°15 | 24°55 | 25°46 | 6°52 | 23°20 | S 3 |
| S 4 | 22 56 51 | 13° 9'40 | 16°21 | 27°14 | 28°26 | 22°16 | 23°50 | 8°17 | 12°42 | 14°53 | 7°15 | 24°53 | 25°43 | 6°59 | 23°27 | S 4 |
| M 5 | 23 0 47 | 14° 7'16 | 29°52 | 28°57 | 29°18 | 22°54 | 23°42 | 8°14 | 12°43 | 14°52 | 7°15 | 24°D53 | 25°40 | 7° 6 | 23°35 | M 5 |
| T 6 | 23 4 44 | 15° 4'54 | 12 Ⅱ 57 | 0 m 44 | 0 M _10 | 23°31 | 23°35 | 8°11 | 12°43 | 14°50 | 7°14 | 24°R53 | 25°37 | 7°12 | 23°42 | T 6 |
| W 7 | 23 8 40 | 16° 2'33 | 25°40 | 2°34 | 1° 0 | 24° 9 | 23°27 | 8° 8 | 12°44 | 14°48 | 7°14 | 24°53 | 25°34 | 7°19 | 23°50 | W 7 |
| T 8 | 23 12 37 | 17° 0'13 | 8 9 5 | 4°26 | 1°50 | 24°46 | 23°19 | 8° 5 | 12°45 | 14°47 | 7°14 | 24°51 | 25°31 | 7°26 | 23°58 | T 8 |
| F 9 | 23 16 33 | 17°57'56 | 20°16 | 6°21 | 2°39 | 25°24 | 23°11 | 8° 2 | 12°46 | 14°45 | 7°13 | 24°46 | 25°27 | 7°33 | 24° 5 | F 9 |
| S 10 | 23 20 30 | 18°55'39 | 2 Ω 18 | 8°17 | 3°28 | 26° 2 | 23° 4 | 7°59 | 12°47 | 14°43 | 7°13 | 24°39 | 25°24 | 7°39 | 24°13 | S 10 |
| S 11 | 23 24 26 | 19°53'24 | 14°14 | 10°15 | 4°15 | 26°40 | 22°56 | 7°57 | 12°49 | 14°42 | 7°13 | 24°30 | 25°21 | 7°46 | 24°21 | S 11 |
| M12 | 23 28 23 | 20°51'10 | 26° 6 | 12°14 | 5° 2 | 27°18 | 22°48 | 7°54 | 12°50 | 14°40 | 7°13 | 24°19 | 25°18 | 7°53 | 24°28 | M12 |
| T 13 | 23 32 20 | 21°48'57 | 7 m 58 | 14°14 | 5°49 | 27°56 | 22°40 | 7°51 | 12°51 | 14°38 | 7°13 | 24° 7 | 25°15 | 8° 0 | 24°36 | T 13 |
| W14 | 23 36 16 | 22°46'46 | 19°50 | 16°15 | 6°34 | 28°34 | 22°32 | 7°49 | 12°52 | 14°37 | 7°13 | 23°55 | 25°11 | 8° 6 | 24°44 | W14 |
| T 15 | 23 40 13 | 23°44'36 | 1 ≏ 45 | 18°15 | 7°18 | 29°12 | 22°24 | 7°46 | 12°54 | 14°35 | 7°12 | 23°45 | 25° 8 | 8°13 | 24°52 | T 15 |
| F 16 | 23 44 9 | 24°42'28 | 13°43 | 20°15 | 8° 2 | 29°50 | 22°16 | 7°44 | 12°55 | 14°34 | 7°12 | 23°36 | 25° 5 | 8°20 | 25° 0 | F 16 |
| S 17 | 23 48 6 | 25°40'20 | 25°47 | 22°15 | 8°45 | 0 M 28 | 22° 8 | 7°42 | 12°56 | 14°32 | 7°D12 | 23°30 | 25° 2 | 8°26 | 25° 8 | S 17 |
| S 18 | 23 52 2 | 26°38'14 | 7 M 59 | 24°15 | 9°26 | 1° 7 | 22° 1 | 7°40 | 12°58 | 14°30 | 7°12 | 23°27 | 24°59 | 8°33 | 25°16 | S 18 |
| M19 | 23 55 59 | 27°36'10 | 20°21 | 26°14 | 10° 7 | 1°45 | 21°53 | 7°38 | 12°59 | 14°29 | 7°13 | 23°D26 | 24°56 | 8°40 | 25°24 | M19 |
| T 20 | 23 59 55 | 28°34'06 | 2 ₹ 56 | 28°12 | 10°47 | 2°23 | 21°45 | 7°36 | 13° 1 | 14°27 | 7°13 | 23°26 | 24°52 | 8°47 | 25°32 | T 20 |
| W21 | 0 3 52 | 29°32'04 | 15°48 | 0 ⊽ 9 | 11°25 | 3° 2 | 21°37 | 7°34 | 13° 3 | 14°26 | 7°13 | 23°27 | 24°49 | 8°53 | 25°40 | W21 |
| T 22 | 0 7 48 | 0 ₽ 30'03 | 2 <u>9°</u> 2 | 2° 5 | 12° 2 | 3°40 | 21°29 | 7°32 | 13° 4 | 14°24 | 7°13 | 23°R27 | 24°46 | 9° 0 | 25°49 | T 22 |
| F 23 | 0 11 45 | 1°28'03 | 12 る 38 | 4° 0 | 12°38 | 4°19 | 21°22 | 7°30 | 13° 6 | 14°23 | 7°13 | 23°27 | 24°43 | 9° 7 | 25°57 | F 23 |
| S 24 | 0 15 42 | 2°26'04 | 26°40 | 5°53 | 13°13 | 4°57 | 21°14 | 7°29 | 13° 8 | 14°21 | 7°13 | 23°24 | 24°40 | 9°13 | 26° 5 | S 24 |
| S 25 | 0 19 38 | 3°24'07 | 11≈ 7 | 7°46 | 13°47 | 5°36 | 21° 7 | 7°27 | 13°10 | 14°20 | 7°14 | 23°20 | 24°36 | 9°20 | 26°13 | S 25 |
| M26 | 0 23 35 | 4°22'11 | 25°56 | 9°37 | 14°19 | 6°15 | 20°59 | 7°26 | 13°11 | 14°18 | 7°14 | 23°14 | 24°33 | 9°27 | 26°22 | M26 |
| T 27 | 0 27 31 | 5°20'16 | 11 米 0 | 11°28 | 14°50 | 6°53 | 20°52 | 7°24 | 13°13 | 14°16 | 7°14 | 23° 7 | 24°30 | 9°34 | 26°30 | T 27 |
| W28 | 0 31 28 | 6°18'22 | 26°11 | 13°17 | 15°19 | 7°32 | 20°44 | 7°23 | 13°15 | 14°15 | 7°15 | 23° 0 | 24°27 | 9°40 | 26°38 | W28 |
| T 29 | 0 35 24 | 7°16'31 | 11 Y 18 | 15° 5 | 15°47 | 8°11 | 20°37 | 7°22 | 13°17 | 14°14 | 7°15 | 22°54 | 24°24 | 9°47 | 26°47 | T 29 |
| F 30 | 0 39 21 | 8 ₽ 14'40 | 26 Y 11 | 16 ≏ 51 | 16 M 13 | 8 M .50 | 20 米 30 | 7≈21 | 13 ,7 19 | 14) 12 | 7 七 15 | 22 8 49 | 24821 | 9 m /54 | 26 ≏ 55 | F 30 |

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| S 1 | 0 43 17 | 9 ₽ 12'52 | 10842 | 18 ≏ 37 | 16 M 38 | 9 M 29 | 20°R23 | 7°R20 | 13 × 21 | 14°R11 | 7 ප 16 | 22°R47 | 24817 | 10 m) 0 | 27 ♀ 4 | S 1 |
| S 2 | 0 47 14 | 10°11'05 | 24°48 | 20°21 | 17° 1 | 10°8 | 20 ∺ 16 | 7≈19 | 13°23 | 14 米 9 | 7°16 | 22°D46 | 24°14 | 10° 7 | 27°12 | S 2 |
| M 3 | 0 51 11 | 11° 9'21 | 8П26 | 22° 4 | 17°22 | 10°47 | 20° 9 | 7°18 | 13°26 | 14° 8 | 7°17 | 22847 | 24°11 | 10°14 | 27°21 | M 3 |
| T 4 | 0 55 7 | 12° 7'38 | 21°37 | 23°46 | 17°42 | 11°26 | 20° 2 | 7°18 | 13°28 | 14° 6 | 7°17 | 22°49 | 24° 8 | 10°21 | 27°29 | T 4 |
| W 5 | 0 59 4 | 13° 5'57 | 49524 | 25°27 27° 7 | 17°59 18°15 | 12° 5 | 19°55 | 7°17 | 13°30 | 14° 5 14° 4 | 7°18 | 22°50 | 24° 5 24° 2 | 10°27 | 27°38 | W 5 |
| T 6 F 7 | 1 3 0 1 6 57 | 14° 4'19 15° 2'42 | 16°51 29° 2 | 28°46 | 18°15 18°28 | 12°44 13°24 | 19°49 19°42 | 7°16 7°16 | 13°32 13°35 | 14° 4 14° 2 | 7°19 7°19 | 22°R50 22°49 | 24° 2 23°58 | 10°34 10°41 | 27°46 27°55 | T 6 F 7 |
| S 8 | 1 10 53 | 15 242 16° 1'07 | 11Ω 3 | 0ML23 | 18°40 | 13 24 14° 3 | 19°36 | 7°16 | 13°37 | 14 2 14° 1 | 7°20 | 22°46 | 23°55 | 10°47 | 27 33 28° 3 | F / |
| | | | | | | _ | | | | | | | | | | |
| S 9 | 1 14 50 | 16°59'34 | 22°57 | 2° 0 | 18°50 | 14°42 | 19°30 | 7°16 | 13°39 | 14° 0 | 7°21 | 22°42 | 23°52 | 10°54 | 28°12 | S 9 |
| M10 | 1 18 46 | 17°58'04 | 4 Mp 48 | 3°35 | 18°57 | 15°22 | 19°24 | 7°15 | 13°42 | 13°58 | 7°21 | 22°36 | 23°49 | 11° 1 | 28°21 | M10 |
| T 11 W12 | 1 22 43 1 26 40 | 18°56'35 19°55'08 | 16°40 28°36 | 5°10 6°43 | 19° 2 19° 5 | 16° 1 16°41 | 19°18 19°12 | 7°D15 7°16 | 13°44 13°47 | 13°57 13°56 | 7°22 7°23 | 22°30 22°24 | 23°46 23°42 | 11° 8 11°14 | 28°29 28°38 | T 11 W12 |
| T 13 | 1 20 40 | 20°53'43 | 28°36 10 Ω 36 | 8°16 | 19° S 19°R 6 | 16°41 | 19°12 19° 7 | 7°16 | 13°47 13°50 | 13°55 | 7°23 | 22°24 22°19 | 23°42 23°39 | 11°14 11°21 | 28°47 | T 13 |
| F 14 | 1 34 33 | 20°52'20 | 22°44 | 9°47 | 19° 4 | 18° 0 | 19° 1 | 7°16 | 13°52 | 13°53 | 7°25 | 22°15 | 23°36 | 11°28 | 28°55 | F 14 |
| S 15 | 1 38 29 | 22°50'59 | 5 m 0 | 11°18 | 19° 0 | 18°40 | 18°56 | 7°16 | 13°55 | 13°52 | 7°25 | 22°12 | 23°33 | 11°34 | 29° 4 | S 15 |
| S 16 | 1 42 26 | 23°49'39 | 17°25 | 12°47 | 18°54 | 19°20 | 18°51 | 7°17 | 13°57 | 13°51 | 7°26 | 22°D11 | 23°30 | 11°41 | 29°13 | S 16 |
| M17 | 1 42 20 | 23 49 39 24°48'22 | 0×7 2 | 14°15 | 18°45 | 20° 0 | 18°46 | 7°17 | 13 37 14° 0 | 13°50 | 7°27 | 22°11 | 23°27 | 11°48 | 29°13 | M17 |
| T 18 | 1 50 19 | 25°47'06 | 12°51 | 15°43 | 18°34 | 20°40 | 18°41 | 7°18 | 14° 3 | 13°49 | 7°28 | 22°12 | 23°23 | 11°55 | 29°30 | T 18 |
| W19 | 1 54 15 | 26°45'52 | 25°54 | 17° 9 | 18°21 | 21°20 | 18°36 | 7°19 | 14° 6 | 13°48 | 7°29 | 22°13 | 23°20 | 12° 1 | 29°39 | W19 |
| T 20 | 1 58 12 | 27°44'39 | 9 ට 14 | 18°35 | 18° 5 | 22° 0 | 18°32 | 7°20 | 14° 9 | 13°47 | 7°30 | 22°15 | 23°17 | 12° 8 | 29°47 | T 20 |
| F 21 | 2 2 9 | 28°43'28 | 22°51 | 19°59 | 17°47 | 22°40 | 18°27 | 7°21 | 14°11 | 13°46 | 7°31 | 22°R16 | 23°14 | 12°15 | 29°56 | F 21 |
| S 22 | 2 6 5 | 29°42'19 | 6≈46 | 21°22 | 17°26 | 23°20 | 18°23 | 7°22 | 14°14 | 13°45 | 7°33 | 22°16 | 23°11 | 12°21 | OM 5 | S 22 |
| S 23 | 2 10 2 | 0 M 41'12 | 21° 0 | 22°44 | 17° 3 | 24° 0 | 18°19 | 7°23 | 14°17 | 13°44 | 7°34 | 22°15 | 23° 8 | 12°28 | 0°14 | S 23 |
| M24 | 2 13 58 | 1°40'05 | 5 米 29 | 24° 5 | 16°38 | 24°40 | 18°15 | 7°24 | 14°20 | 13°43 | 7°35 | 22°13 | 23° 4 | 12°35 | 0°22 | M24 |
| T 25 | 2 17 55 | 2°39'01 | 20°10 | 25°25 | 16°11 | 25°21 | 18°12 | 7°26 | 14°23 | 13°42 | 7°36 | 22°10 | 23° 1 | 12°42 | 0°31 | T 25 |
| W26 | 2 21 51 | 3°37'58 | 4 Υ 58 | 26°44 | 15°43 | 26° 1 | 18° 8 | 7°27 | 14°26 | 13°41 | 7°37 | 22° 8 | 22°58 | 12°48 | 0°40 | W26 |
| T 27 | 2 25 48 | 4°36'57 | 19°44 | 28° 1 | 15°12 | 26°41 | 18° 5 | 7°29 | 14°29 | 13°40 | 7°39 | 22° 6 | 22°55 | 12°55 | 0°49 | T 27 |
| F 28 | 2 29 44 | 5°35'58 | 4822 | 29°17 | 14°40 | 27°22 | 18° 2 | 7°30 | 14°32 | 13°39 | 7°40 | 22° 4 | 22°52 | 13° 2 | 0°57 | F 28 |
| S 29 | 2 33 41 | 6°35'01 | 18°44 | 0 ≯ 31 | 14° 7 | 28° 2 | 17°59 | 7°32 | 14°36 | 13°38 | 7°41 | 22°D 4 | 22°48 | 13° 8 | 1° 6 | S 29 |
| S 30 | 2 37 37 | 7°34'06 | 2∏46 | 1°44 | 13°32 | 28°43 | 17°56 | 7°34 | 14°39 | 13°37 | 7°42 | 22° 4 | 22°45 | 13°15 | 1°15 | S 30 |
| M31 | 2 41 34 | 8ML33'13 | 16耳25 | 2 ₹ 55 | 12 M 57 | 29 11 23 | 17 米 54 | 7≈36 | 14 × 742 | 13 米 37 | 7 云 44 | 22 8 5 | 22 8 42 | 13 M 22 | 1 M 23 | M31 |

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| T 1 | 2 45 31 | 9MJ32'22 | 29耳39 | 4 √ 4 | 12°R20 | 0 √ 4 | 17°R52 | 7≈38 | 14 × 745 | 13°R36 | 7 云 45 | 22 8 6 | 22 8 39 | 13 m 29 | 1 M 32 | T 1 |
| W 2 | 2 49 27 | 10°31'33 | 12930 | 5°12 | 11 M 44 | 0°45 | 17 ∺ 50 | 7°40 | 14°48 | 13) 35 | 7°47 | 22° 7 | 22°36 | 13°35 | 1°41 | W 2 |
| T 3 | 2 53 24 | 11°30'47 | 25° 1 | 6°17 | 11° 7 | 1°26 | 17°48 | 7°42 | 14°52 | 13°34 | 7°48 | 22° 8 | 22°33 | 13°42 | 1°49 | T 3 |
| F 4 | 2 57 20 | 12°30'03 | 7 Ω 16 | 7°20 | 10°30 | 2° 7 | 17°46 | 7°45 | 14°55 | 13°34 | 7°50 | 22°R 8 | 22°29 | 13°49 | 1°58 | F 4 |
| S 5 | 3 1 17 | 13°29'21 | 19°18 | 8°21 | 9°53 | 2°47 | 17°45 | 7°47 | 14°58 | 13°33 | 7°51 | 22° 8 | 22°26 | 13°55 | 2° 7 | S 5 |
| S 6 | 3 5 13 | 14°28'41 | 1 m p 13 | 9°19 | 9°17 | 3°28 | 17°43 | 7°50 | 15° 1 | 13°32 | 7°53 | 22° 8 | 22°23 | 14° 2 | 2°15 | S 6 |
| M 7 | 3 9 10 | 15°28'03 | 13° 5 | 10°14 | 8°42 | 4° 9 | 17°42 | 7°52 | 15° 5 | 13°32 | 7°54 | 22° 7 | 22°20 | 14° 9 | 2°24 | M 7 |
| T 8 | 3 13 6 | 16°27'28 | 24°58 | 11° 6 | 8° 8 | 4°51 | 17°41 | 7°55 | 15° 8 | 13°31 | 7°56 | 22° 6 | 22°17 | 14°16 | 2°32 | T 8 |
| W 9 | 3 17 3 | 17°26'54 | 6 ₽ 56 | 11°55 | 7°34 | 5°32 | 17°41 | 7°58 | 15°12 | 13°31 | 7°57 | 22° 5 | 22°14 | 14°22 | 2°41 | W 9 |
| T 10 | 3 21 0 | 18°26'23 | 19° 3 | 12°39 | 7° 3 | 6°13 | 17°40 | 8° 1 | 15°15 | 13°30 | 7°59 | 22° 5 | 22°10 | 14°29 | 2°49 | T 10 |
| F 11 | 3 24 56 | 19°25'54 | 1 M 20 | 13°19 | 6°33 | 6°54 | 17°40 | 8° 4 | 15°18 | 13°30 | 8° 1 | 22° 5 | 22° 7 | 14°36 | 2°58 | F 11 |
| S 12 | 3 28 53 | 20°25'27 | 13°50 | 13°55 | 6° 4 | 7°35 | 17°D40 | 8° 7 | 15°22 | 13°30 | 8° 2 | 22° 4 | 22° 4 | 14°42 | 3° 7 | S 12 |
| S 13 | 3 32 49 | 21°25'02 | 26°34 | 14°25 | 5°38 | 8°17 | 17°40 | 8°10 | 15°25 | 13°29 | 8° 4 | 22°D 4 | 22° 1 | 14°49 | 3°15 | S 13 |
| M14 | 3 36 46 | 22°24'39 | 9 .₹ 32 | 14°49 | 5°13 | 8°58 | 17°40 | 8°13 | 15°29 | 13°29 | 8° 6 | 22°R 4 | 21°58 | 14°56 | 3°23 | M14 |
| T 15 | 3 40 42 | 23°24'18 | 22°44 | 15° 7 | 4°51 | 9°40 | 17°41 | 8°16 | 15°32 | 13°29 | 8° 7 | 22° 4 | 21°54 | 15° 3 | 3°32 | T 15 |
| W16 | 3 44 39 | 24°23'59 | 6 ට 9 | 15°19 | 4°31 | 10°21 | 17°41 | 8°20 | 15°36 | 13°28 | 8° 9 | 22° 4 | 21°51 | 15° 9 | 3°40 | W16 |
| T 17 | 3 48 36 | 25°23'41 | 19°46 | 15°R22 | 4°13 | 11° 3 | 17°42 | 8°23 | 15°40 | 13°28 | 8°11 | 22° 4 | 21°48 | 15°16 | 3°49 | T 17 |
| F 18 | 3 52 32 | 26°23'25 | 3 ≈ 35 | 15°18 | 3°57 | 11°45 | 17°43 | 8°27 | 15°43 | 13°28 | 8°13 | 22° 4 | 21°45 | 15°23 | 3°57 | F 18 |
| S 19 | 3 56 29 | 27°23'10 | 17°34 | 15° 5 | 3°44 | 12°26 | 17°45 | 8°31 | 15°47 | 13°28 | 8°15 | 22° 3 | 21°42 | 15°29 | 4° 5 | S 19 |
| S 20 | 4 0 25 | 28°22'57 | 1) €42 | 14°44 | 3°34 | 13° 8 | 17°46 | 8°34 | 15°50 | 13°27 | 8°16 | 22°D 3 | 21°39 | 15°36 | 4°14 | S 20 |
| M21 | 4 4 22 | 29°22'46 | 15°57 | 14°13 | 3°26 | 13°50 | 17°48 | 8°38 | 15°54 | 13°27 | 8°18 | 22° 3 | 21°35 | 15°43 | 4°22 | M21 |
| T 22 | 4 8 18 | 0 ₹ 22'36 | 0 Υ 15 | 13°32 | 3°20 | 14°32 | 17°50 | 8°42 | 15°58 | 13°27 | 8°20 | 22° 4 | 21°32 | 15°50 | 4°30 | T 22 |
| W23 | 4 12 15 | 1°22'28 | 14°35 | 12°43 | 3°17 | 15°14 | 17°52 | 8°46 | 16° 1 | 13°27 | 8°22 | 22° 5 | 21°29 | 15°56 | 4°38 | W23 |
| T 24 | 4 16 11 | 2°22'21 | 28°53 | 11°45 | 3°D16 | 15°56 | 17°54 | 8°50 | 16° 5 | 13°D27 | 8°24 | 22° 6 | 21°26 | 16° 3 | 4°46 | T 24 |
| F 25 | 4 20 8 | 3°22'16 | 138 4 | 10°39 | 3°17 | 16°38 | 17°57 | 8°54 | 16° 8 | 13°27 | 8°26 | 22° 6 | 21°23 | 16°10 | 4°54 | F 25 |
| S 26 | 4 24 5 | 4°22'13 | 27° 4 | 9°27 | 3°21 | 17°20 | 18° 0 | 8°59 | 16°12 | 13°27 | 8°28 | 22°R 6 | 21°20 | 16°16 | 5° 3 | S 26 |
| S 27 | 4 28 1 | 5°22'12 | 10 Ⅱ 50 | 8°11 | 3°28 | 18° 2 | 18° 3 | 9° 3 | 16°16 | 13°27 | 8°30 | 22° 6 | 21°16 | 16°23 | 5°11 | S 27 |
| M28 | 4 31 58 | 6°22'12 | 24°19 | 6°52 | 3°36 | 18°44 | 18° 6 | 9° 7 | 16°20 | 13°28 | 8°32 | 22° 4 | 21°13 | 16°30 | 5°19 | M28 |
| T 29 | 4 35 54 | 7°22'14 | 79529 | 5°34 | 3°47 | 19°27 | 18° 9 | 9°12 | 16°23 | 13°28 | 8°34 | 22° 2 | 21°10 | 16°37 | 5°27 | T 29 |
| W30 | 4 39 51 | 8 .7 22'19 | 209519 | 4 ₹ 18 | 4 M 0 | 20 x 9 | 18 ∺ 12 | 9≈16 | 16 ∡ 127 | 13 米 28 | 8 궁 36 | 22 8 0 | 218 7 | 16 M)43 | 5 M .34 | W30 |

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| T 1 | 4 43 47 | 9 .7 22'25 | 2 Ω 51 | 3°R 8 | 4 M .15 | 20 × 751 | 18 米 16 | 9≈21 | 16 × 31 | 13) 28 | 8 云 38 | 21°R57 | 218 4 | 16 m 50 | 5 M 42 | T 1 |
| F 2 | 4 47 44 | 10°22'33 | 15° 8 | 2 √ 4 | 4°33 | 21°34 | 18°20 | 9°25 | 16°34 | 13°28 | 8°40 | 21 8 55 | 21° 0 | 16°57 | 5°50 | F 2 |
| S 3 | 4 51 40 | 11°22'43 | 27°11 | 1°10 | 4°52 | 22°16 | 18°24 | 9°30 | 16°38 | 13°29 | 8°42 | 21°54 | 20°57 | 17° 3 | 5°58 | S 3 |
| S 4 | 4 55 37 | 12°22'55 | 9 m) 7 | 0°26 | 5°13 | 22°59 | 18°28 | 9°35 | 16°42 | 13°29 | 8°44 | 21°D53 | 20°54 | 17°10 | 6° 6 | S 4 |
| M 5 | 4 59 34 | 13°23'08 | 20°59 | 29M54 | 5°36 | 23°41 | 18°33 | 9°40 | 16°46 | 13°29 | 8°46 | 21°53 | 20°51 | 17°17 | 6°13 | M 5 |
| T 6 | 5 3 30 | 14°23'24 | 2 ≏ 52 | 29°33 | 6° 1 | 24°24 | 18°37 | 9°45 | 16°49 | 13°30 | 8°48 | 21°54 | 20°48 | 17°24 | 6°21 | T 6 |
| W 7 | 5 7 27 | 15°23'42 | 14°51 | 29°D24 | 6°28 | 25° 7 | 18°42 | 9°50 | 16°53 | 13°30 | 8°50 | 21°56 | 20°45 | 17°30 | 6°28 | W 7 |
| T 8 | 5 11 23 | 16°24'01 | 27° 0 | 29°26 | 6°56 | 25°50 | 18°47 | 9°55 | 16°57 | 13°31 | 8°53 | 21°57 | 20°41 | 17°37 | 6°36 | T 8 |
| F 9 | 5 15 20 | 17°24'22 | 9 m 24 | 29°39 | 7°26 | 26°32 | 18°52 | 10° 0 | 17° 0 | 13°31 | 8°55 | 21°59 | 20°38 | 17°44 | 6°43 | F 9 |
| S 10 | 5 19 16 | 18°24'46 | 22° 5 | 0 才 2 | 7°57 | 27°15 | 18°58 | 10° 5 | 17° 4 | 13°32 | 8°57 | 21°R59 | 20°35 | 17°50 | 6°51 | S 10 |
| S 11 | 5 23 13 | 19°25'10 | 5 ₹ 5 | 0°34 | 8°30 | 27°58 | 19° 3 | 10°11 | 17° 8 | 13°32 | 8°59 | 21°59 | 20°32 | 17°57 | 6°58 | S 11 |
| M12 | 5 27 9 | 20°25'37 | 18°25 | 1°14 | 9° 5 | 28°41 | 19° 9 | 10°16 | 17°12 | 13°33 | 9° 1 | 21°57 | 20°29 | 18° 4 | 7° 5 | M12 |
| T 13 | 5 31 6 | 21°26'05 | 2 ප 3 | 2° 1 | 9°41 | 29°24 | 19°15 | 10°21 | 17°15 | 13°33 | 9° 3 | 21°53 | 20°26 | 18°10 | 7°13 | T 13 |
| W14 | 5 35 3 | 22°26'35 | 15°56 | 2°55 | 10°18 | 8 중0 | 19°21 | 10°27 | 17°19 | 13°34 | 9° 6 | 21°48 | 20°22 | 18°17 | 7°20 | W14 |
| T 15 | 5 38 59 | 23°27'05 | 0≈ 2 | 3°54 | 10°56 | 0°51 | 19°27 | 10°32 | 17°23 | 13°35 | 9° 8 | 21°43 | 20°19 | 18°24 | 7°27 | T 15 |
| F 16 | 5 42 56 | 24°27'38 | 14°14 | 4°58 | 11°36 | 1°34 | 19°33 | 10°38 | 17°27 | 13°36 | 9°10 | 21°39 | 20°16 | 18°31 | 7°34 | F 16 |
| S 17 | 5 46 52 | 25°28'11 | 28°30 | 6° 7 | 12°17 | 2°17 | 19°40 | 10°44 | 17°30 | 13°36 | 9°12 | 21°35 | 20°13 | 18°37 | 7°41 | S 17 |
| S 18 | 5 50 49 | 26°28'45 | 12) (45 | 7°19 | 12°59 | 3° 1 | 19°46 | 10°49 | 17°34 | 13°37 | 9°15 | 21°32 | 20°10 | 18°44 | 7°48 | S 18 |
| M19 | 5 54 45 | 27°29'20 | 26°57 | 8°34 | 13°42 | 3°44 | 19°53 | 10°55 | 17°38 | 13°38 | 9°17 | 21°D32 | 20° 6 | 18°51 | 7°55 | M19 |
| T 20 | 5 58 42 | 28°29'57 | 11 ° 3 | 9°52 | 14°26 | 4°27 | 20° 0 | 11° 1 | 17°41 | 13°39 | 9°19 | 21°32 | 20° 3 | 18°57 | 8° 1 | T 20 |
| W21 | 6 2 39 | 2 <u>9</u> °30'34 | 25° 2 | 11°12 | 15°11 | 5°11 | 20° 8 | 11° 7 | 17°45 | 13°40 | 9°21 | 21°34 | 20° 0 | 19° 4 | 8° 8 | W21 |
| T 22 | 6 6 3 5 | 0 ට 31'12 | 8 8 53 | 12°34 | 15°57 | 5°54 | 20°15 | 11°13 | 17°49 | 13°41 | 9°24 | 21°35 | 19°57 | 19°11 | 8°15 | T 22 |
| F 23 | 6 10 32 | 1°31'52 | 22°36 | 13°58 | 16°45 | 6°38 | 20°22 | 11°19 | 17°52 | 13°42 | 9°26 | 21°R36 | 19°54 | 19°18 | 8°21 | F 23 |
| S 24 | 6 14 28 | 2°32'32 | 6 П 9 | 15°23 | 17°33 | 7°22 | 20°30 | 11°25 | 17°56 | 13°43 | 9°28 | 21°35 | 19°51 | 19°24 | 8°28 | S 24 |
| S 25 | 6 18 25 | 3°33'14 | 19°31 | 16°49 | 18°21 | 8° 5 | 20°38 | 11°31 | 18° 0 | 13°44 | 9°30 | 21°31 | 19°47 | 19°31 | 8°34 | S 25 |
| M26 | 6 22 21 | 4°33'56 | 29540 | 18°16 | 19°11 | 8°49 | 20°46 | 11°37 | 18° 3 | 13°45 | 9°33 | 21°26 | 19°44 | 19°38 | 8°41 | M26 |
| T 27 | 6 26 18 | 5°34'40 | 15°36 | 19°45 | 20° 2 | 9°33 | 20°54 | 11°43 | 18° 7 | 13°46 | 9°35 | 21°19 | 19°41 | 19°44 | 8°47 | T 27 |
| W28 | 6 30 14 | 6°35'25 | 28°18 | 21°13 | 20°53 | 10°17 | 21° 2 | 11°49 | 18°11 | 13°47 | 9°37 | 21°11 | 19°38 | 19°51 | 8°53 | W28 |
| T 29 | 6 34 11 | 7°36'12 | 10 Ω 45 | 22°43 | 21°45 | 11° 1 | 21°11 | 11°56 | 18°14 | 13°48 | 9°39 | 21° 2 | 19°35 | 19°58 | 8°59 | T 29 |
| F 30 | 6 38 8 | <u>8</u> °36'59 | 22°59 | 24°13 | 22°38 | 1 <u>1</u> °45 | 21°19 | 12° 2 | 18°18 | 13°49 | <u>9°42</u> | 20°53 | 19°32 | 20° 4 | 9° 5 | F 30 |
| S 31 | 6 42 4 | 9 る 37'47 | 5 Mg 2 | 25 ∡ 743 | 23M32 | 12 る 29 | 21 米 28 | 12≈ 8 | 18 × 21 | 13 ∺ 50 | 9 る 44 | 20846 | 19828 | 20 Mp 11 | 9 M .11 | S 31 |

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|------|---------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 6 46 1 | 10 ට 38'37 | 16 m 57 | 27 × 14 | 24M26 | 13 七 13 | 21) 37 | 12≈15 | 18 × 25 | 13 米 52 | 9 ප 46 | 20°R41 | 19825 | 20 m 18 | 9 M .17 | S 1 |
| M 2 | 6 49 57 | 11°39'28 | 28°47 | 28°45 | 25°21 | 13°57 | 21°46 | 12°21 | 18°28 | 13°53 | 9°49 | 20 8 38 | 19°22 | 20°25 | 9°23 | M 2 |
| T 3 | 6 53 54 | 12°40'20 | 10 ≏ 38 | 0 궁 16 | 26°16 | 14°41 | 21°55 | 12°28 | 18°32 | 13°54 | 9°51 | 20°D37 | 19°19 | 20°31 | 9°28 | T 3 |
| W 4 | 6 57 50 | 13°41'13 | 22°35 | 1°48 | 27°12 | 15°26 | 22° 4 | 12°34 | 18°35 | 13°56 | 9°53 | 20°37 | 19°16 | 20°38 | 9°34 | W 4 |
| T 5 | 7 1 47 | 14°42'08 | 4 M .43 | 3°20 | 28° 9 | 16°10 | 22°13 | 12°41 | 18°39 | 13°57 | 9°55 | 20°38 | 19°12 | 20°45 | 9°39 | T 5 |
| F 6 | 7 5 43 | 15°43'03 | 17° 7 | 4°52 | 29° 6 | 16°54 | 22°23 | 12°47 | 18°42 | 13°58 | 9°58 | 20°R39 | 19° 9 | 20°51 | 9°45 | F 6 |
| S 7 | 7 9 40 | 16°44'00 | 29°51 | 6°24 | 0 , 7 4 | 17°39 | 22°32 | 12°54 | 18°46 | 14° 0 | 10° 0 | 20°39 | 19° 6 | 20°58 | 9°50 | S 7 |
| S 8 | 7 13 37 | 17°44'58 | 13 × 0 | 7°57 | 1° 3 | 18°23 | 22°42 | 13° 0 | 18°49 | 14° 1 | 10° 2 | 20°36 | 19° 3 | 21° 5 | 9°55 | S 8 |
| M 9 | 7 17 33 | 18°45'57 | 26°33 | 9°29 | 2° 1 | 19° 8 | 22°52 | 13° 7 | 18°53 | 14° 3 | 10° 4 | 20°31 | 19° 0 | 21°11 | 10° 1 | M 9 |
| T 10 | 7 21 30 | 19°46'56 | 10 る 32 | 11° 2 | 3° 1 | 19°52 | 23° 2 | 13°14 | 18°56 | 14° 4 | 10° 7 | 20°24 | 18°57 | 21°18 | 10° 6 | T 10 |
| W11 | 7 25 26 | 20°47'56 | 24°51 | 12°35 | 4° 0 | 20°37 | 23°12 | 13°21 | 18°59 | 14° 6 | 10° 9 | 20°15 | 18°53 | 21°25 | 10°11 | W11 |
| T 12 | 7 29 23 | 21°48'57 | 9 ≈ 26 | 14° 8 | 5° 1 | 21°21 | 23°22 | 13°27 | 19° 3 | 14° 7 | 10°11 | 20° 4 | 18°50 | 21°32 | 10°15 | T 12 |
| F 13 | 7 33 19 | 22°49'58 | 24° 8 | 15°41 | 6° 1 | 22° 6 | 23°33 | 13°34 | 19° 6 | 14° 9 | 10°13 | 19°54 | 18°47 | 21°38 | 10°20 | F 13 |
| S 14 | 7 37 16 | 23°51'00 | 8 ¥ 50 | 17°15 | 7° 2 | 22°51 | 23°43 | 13°41 | 19° 9 | 14°10 | 10°16 | 19°46 | 18°44 | 21°45 | 10°25 | S 14 |
| S 15 | 7 41 13 | 24°52'02 | 23°25 | 18°48 | 8° 4 | 23°36 | 23°54 | 13°48 | 19°12 | 14°12 | 10°18 | 19°39 | 18°41 | 21°52 | 10°30 | S 15 |
| M16 | 7 45 9 | 25°53'04 | 7 Ƴ 47 | 20°22 | 9° 5 | 24°21 | 24° 5 | 13°55 | 19°15 | 14°14 | 10°20 | 19°36 | 18°38 | 21°58 | 10°34 | M16 |
| T 17 | 7 49 6 | 26°54'06 | 21°55 | 21°56 | 10° 8 | 25° 5 | 24°15 | 14° 2 | 19°19 | 14°15 | 10°22 | 19°D34 | 18°34 | 22° 5 | 10°38 | T 17 |
| W18 | 7 53 2 | 27°55'08 | 5 8 47 | 23°30 | 11°10 | 25°50 | 24°26 | 14° 8 | 19°22 | 14°17 | 10°25 | 19°34 | 18°31 | 22°12 | 10°43 | W18 |
| T 19 | 7 56 59 | 28°56'11 | 19°23 | 25° 5 | 12°13 | 26°35 | 24°37 | 14°15 | 19°25 | 14°19 | 10°27 | 19°R35 | 18°28 | 22°18 | 10°47 | T 19 |
| F 20 | 8 0 55 | 29°57'13 | 2 Ⅱ 46 | 26°40 | 13°16 | 27°20 | 24°48 | 14°22 | 19°28 | 14°20 | 10°29 | 19°34 | 18°25 | 22°25 | 10°51 | F 20 |
| S 21 | 8 4 52 | 0≈58'16 | 15°56 | 28°15 | 14°20 | 28° 5 | 25° 0 | 14°29 | 19°31 | 14°22 | 10°31 | 19°31 | 18°22 | 22°32 | 10°55 | S 21 |
| S 22 | 8 8 48 | 1°59'19 | 28°54 | 29°50 | 15°24 | 28°51 | 25°11 | 14°36 | 19°34 | 14°24 | 10°33 | 19°25 | 18°18 | 22°39 | 10°59 | S 22 |
| M23 | 8 12 45 | 3° 0'22 | 119542 | 1≈26 | 16°28 | 29°36 | 25°22 | 14°43 | 19°37 | 14°26 | 10°35 | 19°17 | 18°15 | 22°45 | 11° 2 | M23 |
| T 24 | 8 16 42 | 4° 1'25 | 24°20 | 3° 2 | 17°32 | 0≈21 | 25°34 | 14°50 | 19°40 | 14°28 | 10°38 | 19° 5 | 18°12 | 22°52 | 11° 6 | T 24 |
| W25 | 8 20 38 | 5° 2'28 | 6 Ω 47 | 4°38 | 18°37 | 1° 6 | 25°46 | 14°57 | 19°43 | 14°29 | 10°40 | 18°52 | 18° 9 | 22°59 | 11°10 | W25 |
| T 26 | 8 24 35 | 6° 3'31 | 19° 4 | 6°15 | 19°42 | 1°51 | 25°57 | 15° 4 | 19°46 | 14°31 | 10°42 | 18°38 | 18° 6 | 23° 5 | 11°13 | T 26 |
| F 27 | 8 28 31 | 7° 4'34 | 1 m 12 | 7°52 | 20°47 | 2°37 | 26° 9 | 15°11 | 19°49 | 14°33 | 10°44 | 18°24 | 18° 3 | 23°12 | 11°16 | F 27 |
| S 28 | 8 32 28 | 8° 5'38 | 13°11 | 9°29 | 21°53 | 3°22 | 26°21 | 15°19 | 19°51 | 14°35 | 10°46 | 18°12 | 17°59 | 23°19 | 11°20 | S 28 |
| S 29 | 8 36 24 | 9° 6'41 | 25° 3 | 11° 7 | 22°59 | 4° 8 | 26°33 | 15°26 | 19°54 | 14°37 | 10°48 | 18° 2 | 17°56 | 23°25 | 11°23 | S 29 |
| M30 | 8 40 21 | 10° 7'45 | 6 Ω 52 | 12°45 | 24° 5 | 4°53 | 26°45 | 15°33 | 19°57 | 14°39 | 1 <u>0</u> °50 | 17°55 | 17°53 | 23°32 | 11°26 | M30 |
| T 31 | 8 44 17 | 11 ≈ 8'49 | 18 ≏ 41 | 14≈23 | 25 × 11 | 5≈39 | 26 米 57 | 15 ≈ 40 | 20🗷 0 | 14) (41 | 10 る 52 | 17 8 51 | 17 8 50 | 23 m 39 | 11 M 29 | T 31 |

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| W 1 | 8 48 14 | 12≈ 9'53 | 0 M .35 | 16≈ 2 | 26 × 18 | 6≈24 | 27) 10 | 15≈47 | 20 × 2 | 14) (43 | 10 궁 54 | 17°R49 | 17847 | 23 Mp 46 | 11 M 31 | W 1 |
| T 2 | 8 52 11 | 13°10'57 | 12°39 | 17°42 | 27°24 | 7°10 | 27°22 | 15°54 | 20° 5 | 14°45 | 10°56 | 17 8 48 | 17°44 | 23°52 | 11°34 | T 2 |
| F 3 | 8 56 7 | 14°12'02 | 24°59 | 19°21 | 28°31 | 7°55 | 27°34 | 16° 1 | 20° 7 | 14°47 | 10°58 | 17°48 | 17°40 | 23°59 | 11°36 | F 3 |
| S 4 | 9 0 4 | 15°13'07 | 7 . ₹40 | 21° 1 | 29°39 | 8°41 | 27°47 | 16° 8 | 20°10 | 14°49 | 11° 0 | 17°47 | 17°37 | 24° 6 | 11°39 | S 4 |
| S 5 | 9 4 0 | 16°14'11 | 20°46 | 22°42 | 0 궁 46 | 9°27 | 27°59 | 16°15 | 20°12 | 14°51 | 11° 2 | 17°44 | 17°34 | 24°12 | 11°41 | S 5 |
| M 6 | 9 7 57 | 17°15'16 | 4 ට 21 | 24°22 | 1°54 | 10°13 | 28°12 | 16°22 | 20°15 | 14°53 | 11° 4 | 17°39 | 17°31 | 24°19 | 11°43 | M 6 |
| T 7 | 9 11 53 | 18°16'21 | 18°26 | 26° 4 | 3° 1 | 10°59 | 28°25 | 16°30 | 20°17 | 14°55 | 11° 6 | 17°30 | 17°28 | 24°26 | 11°45 | T 7 |
| W 8 | 9 15 50 | 19°17'25 | 2≈57 | 27°45 | 4° 9 | 11°44 | 28°38 | 16°37 | 20°20 | 14°57 | 11°8 | 17°19 | 17°24 | 24°32 | 11°47 | W 8 |
| T 9 | 9 19 46 | 20°18'29 | 17°50 | 29°26 | 5°17 | 12°30 | 28°50 | 16°44 | 20°22 | 14°59 | 11°10 | 17° 7 | 17°21 | 24°39 | 11°49 | T 9 |
| F 10 | 9 23 43 | 21°19'33 | 2) 55 | 1 ∺ 8 | 6°26 | 13°16 | 29° 3 | 16°51 | 20°24 | 15° 1 | 11°12 | 16°55 | 17°18 | 24°46 | 11°51 | F 10 |
| S 11 | 9 27 40 | 22°20'36 | 18° 3 | 2°50 | 7°34 | 14° 2 | 29°16 | 16°58 | 20°27 | 15° 4 | 11°13 | 16°45 | 17°15 | 24°53 | 11°53 | S 11 |
| S 12 | 9 31 36 | 23°21'38 | 3 ℃ 2 | 4°31 | 8°43 | 14°48 | 29°29 | 17° 5 | 20°29 | 15° 6 | 11°15 | 16°37 | 17°12 | 24°59 | 11°54 | S 12 |
| M13 | 9 35 33 | 24°22'40 | 17°45 | 6°13 | 9°52 | 15°34 | 29°43 | 17°12 | 20°31 | 15° 8 | 11°17 | 16°32 | 17° 9 | 25° 6 | 11°55 | M13 |
| T 14 | 9 39 29 | 25°23'41 | 2 8 7 | 7°54 | 11° 0 | 16°20 | 29°56 | 17°19 | 20°33 | 15°10 | 11°19 | 16°30 | 17° 5 | 25°13 | 11°57 | T 14 |
| W15 | 9 43 26 | 26°24'41 | 16° 6 | 9°34 | 12° 9 | 17° 6 | 0 Υ 9 | 17°26 | 20°35 | 15°12 | 11°21 | 16°D29 | 17° 2 | 25°19 | 11°58 | W15 |
| T 16 | 9 47 22 | 27°25'40 | 29°42 | 11°14 | 13°19 | 17°53 | 0°22 | 17°33 | 20°37 | 15°14 | 11°22 | 16°R29 | 16°59 | 25°26 | 11°59 | T 16 |
| F 17 | 9 51 19 | 28°26'38 | 12 Ⅱ 58 | 12°53 | 14°28 | 18°39 | 0°36 | 17°40 | 20°39 | 15°17 | 11°24 | 16°28 | 16°56 | 25°33 | 12° 0 | F 17 |
| S 18 | 9 55 15 | 29°27'36 | 25°56 | 14°30 | 15°37 | 19°25 | 0°49 | 17°48 | 20°41 | 15°19 | 11°26 | 16°26 | 16°53 | 25°39 | 12° 0 | S 18 |
| S 19 | 9 59 12 | 0 ¥ 28'32 | 8939 | 16° 6 | 16°47 | 20°11 | 1° 3 | 17°55 | 20°43 | 15°21 | 11°27 | 16°20 | 16°50 | 25°46 | 12° 1 | S 19 |
| M20 | 10 3 9 | 1°29'27 | 21°11 | 17°40 | 17°56 | 20°58 | 1°16 | 18° 2 | 20°45 | 15°23 | 11°29 | 16°12 | 16°46 | 25°53 | 12° 1 | M20 |
| T 21 | 10 7 5 | 2°30'22 | 3 Ω 32 | 19°11 | 19° 6 | 21°44 | 1°30 | 18° 9 | 20°46 | 15°25 | 11°31 | 16° 1 | 16°43 | 25°59 | 12° 2 | T 21 |
| W22 | 10 11 2 | 3°31'15 | 15°45 | 20°39 | 20°16 | 22°30 | 1°44 | 18°15 | 20°48 | 15°28 | 11°32 | 15°48 | 16°40 | 26° 6 | 12° 2 | W22 |
| T 23 | 10 14 58 | 4°32'07 | 27°50 | 22° 3 | 21°26 | 23°17 | 1°57 | 18°22 | 20°50 | 15°30 | 11°34 | 15°34 | 16°37 | 26°13 | 12° 2 | T 23 |
| F 24 | 10 18 55 | 5°32'59 | 9 m 50 | 23°23 | 22°36 | 24° 3 | 2°11 | 18°29 | 20°51 | 15°32 | 11°35 | 15°21 | 16°34 | 26°20 | 12°R 2 | F 24 |
| S 25 | 10 22 51 | 6°33'49 | 21°44 | 24°39 | 23°47 | 24°49 | 2°25 | 18°36 | 20°53 | 15°34 | 11°37 | 15° 9 | 16°30 | 26°26 | 12° 2 | S 25 |
| S 26 | 10 26 48 | 7°34'39 | 3 ≏ 34 | 25°48 | 24°57 | 25°36 | 2°39 | 18°43 | 20°54 | 15°37 | 11°38 | 14°59 | 16°27 | 26°33 | 12° 2 | S 26 |
| M27 | 10 30 44 | 8°35'27 | 15°23 | 26°51 | 26° 7 | 26°22 | 2°53 | 18°50 | 20°56 | 15°39 | 11°40 | 14°52 | 16°24 | 26°40 | 12° 2 | M27 |
| T 28 | 10 34 41 | 9 ∺ 36'15 | 27 ≏ 13 | 27) (47 | 27 중 18 | 27≈ 9 | 3 Υ 6 | 18≈57 | 20 × 757 | 15) (41 | 11 ਰ 41 | 14848 | 16 8 21 | 26顶46 | 12 M 1 | T 28 |

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| W 1 | 10 38 38 | 10 ¥ 37′02 | 9 m 7 | 28 米 35 | 28 궁 29 | 27≈55 | 3 Υ20 | 19 ≈ 4 | 20 х 59 | 15) 44 | 11 る 43 | 14°R46 | 16818 | 26 M 53 | 12°R 1 | W 1 |
| T 2 | 10 42 34 | 11°37'49 | 21°11 | 29°14 | 29°39 | 28°42 | 3°34 | 19°10 | 21° 0 | 15°46 | 11°44 | 14°D46 | 16°15 | 27° 0 | 12 M 0 | T 2 |
| F 3 | 10 46 31 | 12°38'34 | 3 ₹ 28 | 29°43 | 0≈50 | 29°29 | 3°48 | 19°17 | 21° 1 | 15°48 | 11°45 | 14847 | 16°11 | 27° 6 | 11°59 | F 3 |
| S 4 | 10 50 27 | 13°39'19 | 16° 4 | 0 Υ 3 | 2° 1 | 0 ∺ 15 | 4° 3 | 19°24 | 21° 2 | 15°50 | 11°47 | 14°R47 | 16° 8 | 27°13 | 11°58 | S 4 |
| S 5 | 10 54 24 | 14°40'02 | 29° 4 | 0°R12 | 3°12 | 1° 2 | 4°17 | 19°30 | 21° 4 | 15°53 | 11°48 | 14°46 | 16° 5 | 27°20 | 11°57 | S 5 |
| M 6 | 10 58 20 | 15°40'45 | 12 る 32 | 0°10 | 4°23 | 1°49 | 4°31 | 19°37 | 21° 5 | 15°55 | 11°49 | 14°43 | 16° 2 | 27°26 | 11°56 | M 6 |
| T 7 | 11 2 17 | 16°41'27 | 26°29 | 29 米 58 | 5°34 | 2°35 | 4°45 | 19°44 | 21° 6 | 15°57 | 11°50 | 14°37 | 15°59 | 27°33 | 11°55 | T 7 |
| W 8 | 11 6 13 | 17°42'08 | 10≈56 | 29°35 | 6°46 | 3°22 | 4°59 | 19°50 | 21° 7 | 15°59 | 11°52 | 14°30 | 15°55 | 27°40 | 11°54 | W 8 |
| T 9 | 11 10 10 | 18°42'48 | 25°49 | 29° 2 | 7°57 | 4° 9 | 5°14 | 19°57 | 21° 8 | 16° 2 | 11°53 | 14°21 | 15°52 | 27°46 | 11°52 | T 9 |
| F 10 | 11 14 7 | 19°43'26 | 10) (59 | 28°20 | 9° 8 | 4°56 | 5°28 | 20° 3 | 21° 9 | 16° 4 | 11°54 | 14°12 | 15°49 | 27°53 | 11°51 | F 10 |
| S 11 | 11 18 3 | 20°44'04 | 26°17 | 27°30 | 10°20 | 5°42 | 5°42 | 20°10 | 21° 9 | 16° 6 | 11°55 | 14° 4 | 15°46 | 28° 0 | 11°49 | S 11 |
| S 12 | 11 22 0 | 21°44'39 | 11 Y 32 | 26°33 | 11°31 | 6°29 | 5°56 | 20°16 | 21°10 | 16° 9 | 11°56 | 13°58 | 15°43 | 28° 7 | 11°47 | S 12 |
| M13 | 11 25 56 | 22°45'14 | 26°33 | 25°31 | 12°43 | 7°16 | 6°11 | 20°23 | 21°11 | 16°11 | 11°57 | 13°55 | 15°40 | 28°13 | 11°45 | M13 |
| T 14 | 11 29 53 | 23°45'46 | 11 8 13 | 24°25 | 13°54 | 8° 3 | 6°25 | 20°29 | 21°12 | 16°13 | 11°58 | 13°D53 | 15°36 | 28°20 | 11°43 | T 14 |
| W15 | 11 33 49 | 24°46'18 | 25°27 | 23°18 | 15° 6 | 8°50 | 6°40 | 20°35 | 21°12 | 16°15 | 11°59 | 13°54 | 15°33 | 28°27 | 11°41 | W15 |
| T 16 | 11 37 46 | 25°46'47 | 9 Ⅱ 14 | 22°11 | 16°18 | 9°37 | 6°54 | 20°42 | 21°13 | 16°18 | 12° 0 | 13°55 | 15°30 | 28°33 | 11°39 | T 16 |
| F 17 | 11 41 42 | 26°47'15 | 22°35 | 21° 5 | 17°30 | 10°24 | 7° 8 | 20°48 | 21°13 | 16°20 | 12° 1 | 13°R56 | 15°27 | 28°40 | 11°36 | F 17 |
| S 18 | 11 45 39 | 27°47'41 | 5934 | 20° 3 | 18°42 | 11°11 | 7°23 | 20°54 | 21°14 | 16°22 | 12° 2 | 13°56 | 15°24 | 28°47 | 11°34 | S 18 |
| S 19 | 11 49 36 | 28°48'05 | 18°13 | 19° 5 | 19°53 | 11°58 | 7°37 | 21° 0 | 21°14 | 16°24 | 12° 3 | 13°53 | 15°21 | 28°53 | 11°32 | S 19 |
| M20 | 11 53 32 | 29°48'27 | 0 Ω 37 | 18°13 | 21° 5 | 12°44 | 7°52 | 21° 6 | 21°14 | 16°27 | 12° 4 | 13°49 | 15°17 | 29° 0 | 11°29 | M20 |
| T 21 | 11 57 29 | 0 Ƴ 48'47 | 12°48 | 17°26 | 22°17 | 13°31 | 8° 6 | 21°12 | 21°15 | 16°29 | 12° 5 | 13°43 | 15°14 | 29° 7 | 11°26 | T 21 |
| W22 | 12 1 25 | 1°49'06 | 24°51 | 16°47 | 23°29 | 14°18 | 8°21 | 21°18 | 21°15 | 16°31 | 12° 5 | 13°36 | 15°11 | 29°13 | 11°23 | W22 |
| T 23 | 12 5 22 | 2°49'23 | 6 M p48 | 16°14 | 24°42 | 15° 5 | 8°35 | 21°24 | 21°15 | 16°33 | 12° 6 | 13°28 | 15° 8 | 29°20 | 11°20 | T 23 |
| F 24 | 12 9 18 | 3°49'38 | 18°41 | 15°48 | 25°54 | 15°52 | 8°50 | 21°30 | 21°15 | 16°35 | 12° 7 | 13°20 | 15° 5 | 29°27 | 11°17 | F 24 |
| S 25 | 12 13 15 | 4°49'51 | 0 ჲ 31 | 15°30 | 27° 6 | 16°39 | 9° 4 | 21°36 | 21°15 | 16°38 | 12° 7 | 13°13 | 15° 1 | 29°33 | 11°14 | S 25 |
| S 26 | 12 17 11 | 5°50'02 | 12°21 | 15°18 | 28°18 | 17°26 | 9°19 | 21°42 | 21°R15 | 16°40 | 12° 8 | 13° 8 | 14°58 | 29°40 | 11°11 | S 26 |
| M27 | 12 21 8 | 6°50'12 | 24°13 | 15°D14 | 29°30 | 18°14 | 9°33 | 21°48 | 21°15 | 16°42 | 12° 9 | 13° 4 | 14°55 | 29°47 | 11° 8 | M27 |
| T 28 | 12 25 4 | 7°50'21 | 6M 8 | 15°16 | 0) 43 | 19° 1 | 9°48 | 21°53 | 21°15 | 16°44 | 12° 9 | 13° 2 | 14°52 | 29°53 | 11° 5 | T 28 |
| W29 | 12 29 1 | 8°50'27 | 18° 8 | 15°24 | 1°55 | 19°48 | 10° 3 | 21°59 | 21°15 | 16°46 | 12°10 | 13°D 2 | 14°49 | 0 호 0 | 11° 1 | W29 |
| T 30 | 12 32 58 | 9°50'33 | 0 ∡ 18 | 15°38 | 3° 7 | 20°35 | 10°17 | 22° 4 | 21°15 | 16°48 | 1 <u>2</u> °10 | 13° 3 | 14°46 | 0° 7 | 10°58 | T 30 |
| F 31 | 12 36 54 | 10 Υ 50'36 | 12 × 740 | 15 ¥ 58 | 4) €20 | 21 米 22 | 10 Y 32 | 22≈10 | 21 × 15 | 16 ∺ 51 | 12 궁 11 | 138 5 | 14842 | 0 ჲ 14 | 10 M 54 | F 31 |

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| S 1 | 12 40 51 | 11 Y 50'38 | 25 × 18 | 16 ∺ 22 | 5 ∺ 32 | 22 米 9 | 10 Y 46 | 22≈15 | 21°R14 | 16 ¥ 53 | 12 ਰ 11 | 13 8 6 | 14839 | 0 ჲ 20 | 10°R50 | S 1 |
| S 2 | 12 44 47 | 12°50'39 | 8 ට 15 | 16°52 | 6°45 | 22°56 | 11° 1 | 22°21 | 21 🗷 14 | 16°55 | 12°12 | 13°R 7 | 14°36 | 0°27 | 10 M 47 | S 2 |
| M 3 | 12 48 44 | 13°50'38 | 21°36 | 17°26 | 7°57 | 23°43 | 11°15 | 22°26 | 21°13 | 16°57 | 12°12 | 13° 7 | 14°33 | 0°34 | 10°43 | M 3 |
| T 4 | 12 52 40 | 14°50'36 | 5≈23 | 18° 5 | 9°10 | 24°30 | 11°30 | 22°31 | 21°13 | 16°59 | 12°12 | 13° 6 | 14°30 | 0°40 | 10°39 | T 4 |
| W 5 | 12 56 37 | 15°50'32 | 19°36 | 18°47 | 10°23 | 25°17 | 11°44 | 22°37 | 21°12 | 17° 1 | 12°13 | 13° 3 | 14°27 | 0°47 | 10°35 | W 5 |
| T 6 | 13 0 33 | 16°50'27 | 4) (14 | 19°33 | 11°35 | 26° 4 | 11°59 | 22°42 | 21°12 | 17° 3 | 12°13 | 13° 0 | 14°23 | 0°54 | 10°31 | T 6 |
| F 7 | 13 4 30 | 17°50'19 | 19°11 | 20°23 | 12°48 | 26°52 | 12°14 | 22°47 | 21°11 | 17° 5 | 12°13 | 12°56 | 14°20 | 1° 0 | 10°27 | F 7 |
| S 8 | 13 8 27 | 18°50'10 | 4 Υ20 | 21°16 | 14° 1 | 27°39 | 12°28 | 22°52 | 21°11 | 17° 7 | 12°13 | 12°53 | 14°17 | 1° 7 | 10°23 | S 8 |
| S 9 | 13 12 23 | 19°50'00 | 19°32 | 22°11 | 15°13 | 28°26 | 12°43 | 22°57 | 21°10 | 17° 9 | 12°13 | 12°50 | 14°14 | 1°14 | 10°19 | S 9 |
| M10 | 13 16 20 | 20°49'47 | 4 8 36 | 23°10 | 16°26 | 29°13 | 12°57 | 23° 1 | 21° 9 | 17°11 | 12°14 | 12°49 | 14°11 | 1°20 | 10°14 | M10 |
| T 11 | 13 20 16 | 21°49'32 | 19°24 | 24°12 | 17°39 | 0 Υ 0 | 13°12 | 23° 6 | 21° 8 | 17°13 | 12°14 | 12°D49 | 14° 7 | 1°27 | 10°10 | T 11 |
| W12 | 13 24 13 | 22°49'16 | 3耳50 | 25°16 | 18°52 | 0°47 | 13°26 | 23°11 | 21° 7 | 17°15 | 12°14 | 12°50 | 14° 4 | 1°34 | 10° 6 | W12 |
| T 13 | 13 28 9 | 23°48'57 | 17°48 | 26°22 | 20° 5 | 1°34 | 13°40 | 23°16 | 21° 6 | 17°17 | 12°14 | 12°51 | 14° 1 | 1°40 | 10° 1 | T 13 |
| F 14 | 13 32 6 | 24°48'37 | 19520 | 27°30 | 21°17 | 2°22 | 13°55 | 23°20 | 21° 5 | 17°19 | 12°R14 | 12°53 | 13°58 | 1°47 | 9°57 | F 14 |
| S 15 | 13 36 2 | 25°48'14 | 14°26 | 28°41 | 22°30 | 3° 9 | 14° 9 | 23°25 | 21° 4 | 17°21 | 12°14 | 12°54 | 13°55 | 1°54 | 9°52 | S 15 |
| S 16 | 13 39 59 | 26°47'48 | 27°10 | 29°54 | 23°43 | 3°56 | 14°24 | 23°29 | 21° 3 | 17°23 | 12°14 | 12°R54 | 13°52 | 2° 0 | 9°48 | S 16 |
| M17 | 13 43 56 | 27°47'21 | 9 Ω 34 | 1 Υ 9 | 24°56 | 4°43 | 14°38 | 23°33 | 21° 2 | 17°25 | 12°14 | 12°54 | 13°48 | 2° 7 | 9°43 | M17 |
| T 18 | 13 47 52 | 28°46'51 | 21°44 | 2°26 | 26° 9 | 5°30 | 14°52 | 23°38 | 21° 1 | 17°26 | 12°13 | 12°52 | 13°45 | 2°14 | 9°39 | T 18 |
| W19 | 13 51 49 | 29°46'19 | 3 M 43 | 3°44 | 27°22 | 6°17 | 15° 7 | 23°42 | 21° 0 | 17°28 | 12°13 | 12°51 | 13°42 | 2°20 | 9°34 | W19 |
| T 20 | 13 55 45 | 0 8 45'45 | 15°35 | 5° 5 | 28°35 | 7° 4 | 15°21 | 23°46 | 20°58 | 17°30 | 12°13 | 12°49 | 13°39 | 2°27 | 9°30 | T 20 |
| F 21 | 13 59 42 | 1°45'09 | 27°25 | 6°27 | 29°48 | 7°51 | 15°35 | 23°50 | 20°57 | 17°32 | 12°13 | 12°47 | 13°36 | 2°34 | 9°25 | F 21 |
| S 22 | 14 3 38 | 2°44'30 | 9 ≏ 14 | 7°50 | 1 ° 1 | 8°38 | 15°50 | 23°54 | 20°56 | 17°33 | 12°13 | 12°46 | 13°32 | 2°41 | 9°20 | S 22 |
| S 23 | 14 7 35 | 3°43'50 | 21° 7 | 9°16 | 2°14 | 9°25 | 16° 4 | 23°58 | 20°54 | 17°35 | 12°12 | 12°45 | 13°29 | 2°47 | 9°16 | S 23 |
| M24 | 14 11 31 | 4°43'07 | 3M 4 | 10°43 | 3°27 | 10°12 | 16°18 | 24° 2 | 20°53 | 17°37 | 12°12 | 12°44 | 13°26 | 2°54 | 9°11 | M24 |
| T 25 | 14 15 28 | 5°42'23 | 15° 8 | 12°11 | 4°40 | 10°59 | 16°32 | 24° 5 | 20°51 | 17°39 | 12°12 | 12°D44 | 13°23 | 3° 1 | 9° 6 | T 25 |
| W26 | 14 19 24 | 6°41'36 | 27°21 | 13°41 | 5°53 | 11°46 | 16°46 | 24° 9 | 20°50 | 17°40 | 12°11 | 12°44 | 13°20 | 3° 7 | 9° 1 | W26 |
| T 27 | 14 23 21 | 7°40'48 | 9 ∡ 744 | 15°13 | 7° 6 | 12°33 | 17° 0 | 24°13 | 20°48 | 17°42 | 12°11 | 12°45 | 13°17 | 3°14 | 8°57 | T 27 |
| F 28 | 14 27 18 | 8°39'58 | 22°19 | 16°46 | 8°19 | 13°20 | 17°14 | 24°16 | 20°47 | 17°43 | 12°10 | 12°45 | 13°13 | 3°21 | 8°52 | F 28 |
| S 29 | 14 31 14 | 9°39'07 | 5 ට 8 | 18°21 | 9°32 | 14° 7 | 17°28 | 24°19 | 20°45 | 17°45 | 12°10 | 12°46 | 13°10 | 3°27 | 8°47 | S 29 |
| S 30 | 14 35 11 | 10838'13 | 18 궁 13 | 19 Y 57 | 10 Y 45 | 14 Y 54 | 17 Y 42 | 24≈23 | 20 х 43 | 17) (47 | 12 る 9 | 12846 | 13 8 7 | 3 ≏ 34 | 8 M .43 | S 30 |

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|------|----------|-------------------|------------------|----------------|----------------|----------------|----------------|-------|----------------|------------------|----------------|--------|---------------|---------------|----------------|------|
| M 1 | 14 39 7 | 11837'18 | 1≈36 | 21 Y 35 | 11 Y 58 | 15 Y 41 | 17 Y 56 | 24≈26 | 20°R42 | 17) (48 | 12°R 9 | 12846 | 13 8 4 | 3 <u>₽</u> 41 | 8°R38 | M 1 |
| T 2 | 14 43 4 | 12°36'21 | 15°19 | 23°14 | 13°11 | 16°28 | 18°10 | 24°29 | 20 ₮ 40 | 17°50 | 12る8 | 12°46 | 13° 1 | 3°47 | 8 M .33 | T 2 |
| W 3 | 14 47 0 | 13°35'23 | 29°20 | 24°55 | 14°24 | 17°15 | 18°24 | 24°32 | 20°38 | 17°51 | 12° 8 | 12°46 | 12°58 | 3°54 | 8°28 | W 3 |
| T 4 | 14 50 57 | 14°34'23 | 13) (40 | 26°37 | 15°38 | 18° 2 | 18°38 | 24°35 | 20°36 | 17°53 | 12° 7 | 12°46 | 12°54 | 4° 1 | 8°24 | T 4 |
| F 5 | 14 54 54 | 15°33'21 | 28°16 | 28°21 | 16°51 | 18°49 | 18°52 | 24°38 | 20°34 | 17°54 | 12° 6 | 12°46 | 12°51 | 4° 7 | 8°19 | F 5 |
| S 6 | 14 58 50 | 16°32'17 | 13 ° 3 | 0 8 6 | 18° 4 | 19°36 | 19° 6 | 24°41 | 20°32 | 17°55 | 12° 6 | 12°47 | 12°48 | 4°14 | 8°14 | S 6 |
| S 7 | 15 2 47 | 17°31'12 | 27°55 | 1°53 | 19°17 | 20°23 | 19°19 | 24°43 | 20°31 | 17°57 | 12° 5 | 12°47 | 12°45 | 4°21 | 8°10 | S 7 |
| M 8 | 15 6 43 | 18°30'05 | 12844 | 3°41 | 20°30 | 21° 9 | 19°33 | 24°46 | 20°29 | 17°58 | 12° 4 | 12°R47 | 12°42 | 4°27 | 8° 5 | M 8 |
| T 9 | 15 10 40 | 19°28'56 | 27°24 | 5°31 | 21°43 | 21°56 | 19°47 | 24°49 | 20°27 | 18° 0 | 12° 3 | 12°47 | 12°38 | 4°34 | 8° 1 | T 9 |
| W10 | 15 14 36 | 20°27'45 | 11 Ⅱ 47 | 7°23 | 22°57 | 22°43 | 20° 0 | 24°51 | 20°24 | 18° 1 | 12° 3 | 12°46 | 12°35 | 4°41 | 7°56 | W10 |
| T 11 | 15 18 33 | 21°26'32 | 25°49 | 9°16 | 24°10 | 23°30 | 20°14 | 24°53 | 20°22 | 18° 2 | 12° 2 | 12°45 | 12°32 | 4°47 | 7°51 | T 11 |
| F 12 | 15 22 29 | 22°25'17 | 99526 | 11°10 | 25°23 | 24°17 | 20°27 | 24°55 | 20°20 | 18° 3 | 12° 1 | 12°44 | 12°29 | 4°54 | 7°47 | F 12 |
| S 13 | 15 26 26 | 23°24'00 | 22°39 | 13° 6 | 26°36 | 25° 3 | 20°40 | 24°58 | 20°18 | 18° 5 | 12° 0 | 12°43 | 12°26 | 5° 1 | 7°43 | S 13 |
| S 14 | 15 30 23 | 24°22'41 | 5 Ω 28 | 15° 4 | 27°49 | 25°50 | 20°54 | 25° 0 | 20°16 | 18° 6 | 11°59 | 12°42 | 12°23 | 5° 7 | 7°38 | S 14 |
| M15 | 15 34 19 | 25°21'19 | 17°56 | 17° 3 | 29° 3 | 26°37 | 21° 7 | 25° 2 | 20°14 | 18° 7 | 11°58 | 12°41 | 12°19 | 5°14 | 7°34 | M15 |
| T 16 | 15 38 16 | 26°19'56 | 0Mp 7 | 19° 4 | 0816 | 27°23 | 21°20 | 25° 3 | 20°12 | 18° 8 | 11°57 | 12°D41 | 12°16 | 5°21 | 7°29 | T 16 |
| W17 | 15 42 12 | 27°18'30 | 12° 7 | 21° 6 | 1°29 | 28°10 | 21°33 | 25° 5 | 20° 9 | 18° 9 | 11°56 | 12°42 | 12°13 | 5°27 | 7°25 | W17 |
| T 18 | 15 46 9 | 28°17'02 | 23°59 | 23°10 | 2°42 | 28°56 | 21°47 | 25° 7 | 20° 7 | 18°10 | 11°55 | 12°43 | 12°10 | 5°34 | 7°21 | T 18 |
| F 19 | 15 50 5 | 29°15'32 | 5 ≏ 48 | 25°15 | 3°55 | 29°43 | 22° 0 | 25° 8 | 20° 5 | 18°11 | 11°54 | 12°44 | 12° 7 | 5°41 | 7°17 | F 19 |
| S 20 | 15 54 2 | 0 Ⅱ 14'00 | 17°39 | 27°21 | 5° 9 | 0829 | 22°13 | 25°10 | 20° 3 | 18°12 | 11°53 | 12°46 | 12° 4 | 5°47 | 7°13 | S 20 |
| S 21 | 15 57 58 | 1°12'27 | 29°35 | 29°28 | 6°22 | 1°16 | 22°25 | 25°11 | 20° 0 | 18°13 | 11°52 | 12°47 | 12° 0 | 5°54 | 7° 9 | S 21 |
| M22 | 16 1 55 | 2°10'51 | 11 M 39 | 1Ⅲ36 | 7°35 | 2° 2 | 22°38 | 25°12 | 19°58 | 18°14 | 11°51 | 12°R47 | 11°57 | 6° 1 | 7° 5 | M22 |
| T 23 | 16 5 52 | 3° 9'13 | 23°54 | 3°45 | 8°48 | 2°49 | 22°51 | 25°14 | 19°56 | 18°15 | 11°50 | 12°47 | 11°54 | 6° 7 | 7° 1 | T 23 |
| W24 | 16 9 48 | 4° 7'34 | 6 ₹ 22 | 5°55 | 10° 2 | 3°35 | 23° 4 | 25°15 | 19°53 | 18°16 | 11°49 | 12°45 | 11°51 | 6°14 | 6°57 | W24 |
| T 25 | 16 13 45 | 5° 5'53 | 19° 4 | 8° 4 | 11°15 | 4°22 | 23°16 | 25°16 | 19°51 | 18°17 | 11°47 | 12°43 | 11°48 | 6°21 | 6°53 | T 25 |
| F 26 | 16 17 41 | 6° 4'10 | 2 る 0 | 10°14 | 12°28 | 5° 8 | 23°29 | 25°17 | 19°48 | 18°18 | 11°46 | 12°40 | 11°44 | 6°27 | 6°49 | F 26 |
| S 27 | 16 21 38 | 7° 2'26 | 15° 9 | 12°23 | 13°41 | 5°54 | 23°41 | 25°17 | 19°46 | 18°18 | 11°45 | 12°36 | 11°41 | 6°34 | 6°46 | S 27 |
| S 28 | 16 25 34 | 8° 0'40 | 28°33 | 14°32 | 14°54 | 6°40 | 23°54 | 25°18 | 19°43 | 18°19 | 11°44 | 12°32 | 11°38 | 6°41 | 6°42 | S 28 |
| M29 | 16 29 31 | 8°58'53 | 12≈ 9 | 16°41 | 16° 8 | 7°27 | 24° 6 | 25°19 | 19°41 | 18°20 | 11°42 | 12°29 | 11°35 | 6°47 | 6°39 | M29 |
| T 30 | 16 33 27 | 9°57'04 | 25°57 | 18°48 | 17°21 | 8°13 | 24°19 | 25°19 | 19°39 | 18°21 | 1 <u>1°</u> 41 | 12°28 | 11°32 | 6°54 | 6°35 | T 30 |
| W31 | 16 37 24 | 10 Ⅱ 55'14 | 9) 57 | 20耳53 | 18 8 34 | 8 8 59 | 24 Y 31 | 25≈19 | 19 ∡ 36 | 18 米 21 | 11 궁 40 | 12°D27 | 11829 | 7 亞 1 | 6ML32 | W31 |

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| T 1 | 16 41 21 | 11 Ⅱ 53'23 | 24) 6 | 22 Ⅲ 57 | 19 8 48 | 9 8 45 | 24 Y 43 | 25≈20 | 19°R34 | 18) 22 | 11°R39 | 12827 | 11825 | 7요 7 | 6°R29 | T 1 |
| F 2 | 16 45 17 | 12°51'30 | 8 Y 23 | 24°59 | 21° 1 | 10°31 | 24°55 | 25°20 | 19 ~ 31 | 18°22 | 11 る 37 | 12°29 | 11°22 | 7°14 | 6M26 | F 2 |
| S 3 | 16 49 14 | 13°49'36 | 22°47 | 26°59 | 22°14 | 11°17 | 25° 7 | 25°R20 | 19°29 | 18°23 | 11°36 | 12°30 | 11°19 | 7°21 | 6°22 | S 3 |
| S 4 | 16 53 10 | 14°47'41 | 7 8 13 | 28°57 | 23°27 | 12° 3 | 25°19 | 25°20 | 19°26 | 18°24 | 11°35 | 12°R31 | 11°16 | 7°27 | 6°19 | S 4 |
| M 5 | 16 57 7 | 15°45'44 | 21°37 | 0951 | 24°41 | 12°49 | 25°30 | 25°20 | 19°24 | 18°24 | 11°33 | 12°31 | 11°13 | 7°34 | 6°17 | M 5 |
| T 6 | 17 1 3 | 16°43'46 | 5 Ⅱ 55 | 2°44 | 25°54 | 13°35 | 25°42 | 25°20 | 19°21 | 18°25 | 11°32 | 12°29 | 11°10 | 7°41 | 6°14 | T 6 |
| W 7 | 17 5 0 | 17°41'47 | 20° 2 | 4°33 | 27° 7 | 14°21 | 25°54 | 25°19 | 19°19 | 18°25 | 11°30 | 12°25 | 11° 6 | 7°47 | 6°11 | W 7 |
| T 8 | 17 8 56 | 18°39'46 | 3953 | 6°19 | 28°20 | 15° 7 | 26° 5 | 25°19 | 19°16 | 18°25 | 11°29 | 12°20 | 11° 3 | 7°54 | 6° 8 | T 8 |
| F 9 | 17 12 53 | 19°37'44 | 17°25 | 8° 2 | 29°34 | 15°53 | 26°17 | 25°19 | 19°14 | 18°26 | 11°28 | 12°15 | 11° 0 | 8° 1 | 6° 6 | F 9 |
| S 10 | 17 16 50 | 20°35'40 | 0 Ω 36 | 9°42 | 0 Ⅱ 47 | 16°38 | 26°28 | 25°18 | 19°11 | 18°26 | 11°26 | 12° 8 | 10°57 | 8° 7 | 6° 3 | S 10 |
| S 11 | 17 20 46 | 21°33'34 | 13°25 | 11°18 | 2° 0 | 17°24 | 26°39 | 25°17 | 19°8 | 18°26 | 11°25 | 12° 3 | 10°54 | 8°14 | 6° 1 | S 11 |
| M12 | 17 24 43 | 22°31'27 | 25°55 | 12°52 | 3°14 | 18°10 | 26°50 | 25°16 | 19° 6 | 18°27 | 11°23 | 11°58 | 10°50 | 8°21 | 5°59 | M12 |
| T 13 | 17 28 39 | 23°29'18 | 8 Mp 8 | 14°22 | 4°27 | 18°55 | 27° 1 | 25°16 | 19° 3 | 18°27 | 11°22 | 11°55 | 10°47 | 8°27 | 5°57 | T 13 |
| W14 | 17 32 36 | 24°27'07 | 20° 8 | 15°48 | 5°40 | 19°41 | 27°12 | 25°15 | 19° 1 | 18°27 | 11°20 | 11°D54 | 10°44 | 8°34 | 5°55 | W14 |
| T 15 | 17 36 32 | 25°24'55 | 2 ≏ 1 | 17°11 | 6°54 | 20°27 | 27°23 | 25°14 | 18°58 | 18°27 | 11°19 | 11°54 | 10°41 | 8°41 | 5°53 | T 15 |
| F 16 | 17 40 29 | 26°22'41 | 13°50 | 18°31 | 8° 7 | 21°12 | 27°34 | 25°12 | 18°56 | 18°27 | 11°17 | 11°55 | 10°38 | 8°47 | 5°51 | F 16 |
| S 17 | 17 44 26 | 27°20'26 | 25°42 | 19°47 | 9°20 | 21°57 | 27°45 | 25°11 | 18°53 | 18°28 | 11°16 | 11°56 | 10°35 | 8°54 | 5°49 | S 17 |
| S 18 | 17 48 22 | 28°18'09 | 7 M 41 | 20°59 | 10°33 | 22°43 | 27°55 | 25°10 | 18°51 | 18°28 | 11°14 | 11°R57 | 10°31 | 9° 1 | 5°47 | S 18 |
| M19 | 17 52 19 | 29°15'51 | 19°51 | 22° 8 | 11°47 | 23°28 | 28° 6 | 25° 8 | 18°48 | 18°28 | 11°12 | 11°57 | 10°28 | 9° 7 | 5°46 | M19 |
| T 20 | 17 56 15 | 09513'32 | 2 √ 17 | 23°13 | 13° 0 | 24°13 | 28°16 | 25° 7 | 18°46 | 18°R28 | 11°11 | 11°55 | 10°25 | 9°14 | 5°44 | T 20 |
| W21 | 18 0 12 | 1°11'11 | 14°59 | 24°14 | 14°13 | 24°59 | 28°26 | 25° 5 | 18°44 | 18°28 | 11° 9 | 11°51 | 10°22 | 9°21 | 5°43 | W21 |
| T 22 | 18 4 8 | 2° 8'49 | 28° 0 | 25°11 | 15°27 | 25°44 | 28°36 | 25° 3 | 18°41 | 18°28 | 11° 8 | 11°45 | 10°19 | 9°27 | 5°42 | T 22 |
| F 23 | 18 8 5 | 3° 6'26 | 11 る 19 | 26° 4 | 16°40 | 26°29 | 28°46 | 25° 2 | 18°39 | 18°27 | 11° 6 | 11°37 | 10°16 | 9°34 | 5°41 | F 23 |
| S 24 | 18 12 1 | 4° 4'02 | 24°54 | 26°54 | 17°53 | 27°14 | 28°56 | 25° 0 | 18°36 | 18°27 | 11° 5 | 11°28 | 10°12 | 9°41 | 5°40 | S 24 |
| S 25 | 18 15 58 | 5° 1'37 | 8≈43 | 27°39 | 19° 7 | 27°59 | 29° 6 | 24°58 | 18°34 | 18°27 | 11° 3 | 11°20 | 10° 9 | 9°47 | 5°39 | S 25 |
| M26 | 18 19 55 | 5°59'10 | 22°41 | 28°20 | 20°20 | 28°44 | 29°15 | 24°56 | 18°32 | 18°27 | 11° 2 | 11°12 | 10° 6 | 9°54 | 5°38 | M26 |
| T 27 | 18 23 51 | 6°56'44 | 6) 46 | 28°57 | 21°33 | 29°29 | 29°25 | 24°54 | 18°29 | 18°27 | 11° 0 | 11° 7 | 10° 3 | 10° 1 | 5°37 | T 27 |
| W28 | 18 27 48 | 7°54'16 | 20°55 | 29°29 | 22°47 | 0 Ⅱ 14 | 29°34 | 24°51 | 18°27 | 18°27 | 10°58 | 11° 4 | 10° 0 | 10° 7 | 5°37 | W28 |
| T 29 | 18 31 44 | 8°51'47 | 5 Υ 4 | 29°58 | 24° 0 | 0°59 | 29°43 | 24°49 | 18°25 | 18°26 | 1 <u>0</u> °57 | 11°D 2 | 9°56 | 10°14 | 5°36 | T 29 |
| F 30 | 18 35 41 | 99549'18 | 19 Y 13 | $0\Omega 21$ | 25 Ⅱ 13 | 1 Ⅱ 43 | 29 Y 53 | 24≈47 | 18 × 22 | 18) (26 | 10 궁 55 | 118 3 | 9 8 53 | 10 ≏ 21 | 5 M .36 | F 30 |

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| S 1 | 18 39 37 | 109546'49 | 3 8 20 | 0 Ω 40 | 26Ⅲ27 | 2П28 | 0 8 2 | 24°R44 | 18°R20 | 18°R26 | 10°R54 | 118 3 | 9 8 50 | 10 ≏ 27 | 5°R36 | S 1 |
| S 2 | 18 43 34 | 11°44'19 | 17°24 | 0°55 | 27°40 | 3°13 | 0°11 | 24≈42 | 18 ~ 18 | 18 ¥ 25 | 10 る 52 | 11°R 3 | 9°47 | 10°34 | 5 M .36 | S 2 |
| M 3 | 18 47 30 | 12°41'48 | 1Ⅲ23 | 1° 5 | 28°54 | 3°57 | 0°19 | 24°39 | 18°16 | 18°25 | 10°50 | 11° 2 | 9°44 | 10°41 | 5°D36 | M 3 |
| T 4 | 18 51 27 | 13°39'17 | 15°15 | 1°11 | 0 ඉ 7 | 4°42 | 0°28 | 24°36 | 18°13 | 18°24 | 10°49 | 10°58 | 9°41 | 10°47 | 5°36 | T 4 |
| W 5 | 18 55 24 | 14°36'45 | 28°58 | 1°R11 | 1°21 | 5°27 | 0°36 | 24°33 | 18°11 | 18°24 | 10°47 | 10°51 | 9°37 | 10°54 | 5°36 | W 5 |
| T 6 | 18 59 20 | 15°34'12 | 129529 | 1° 8 | 2°34 | 6°11 | 0°45 | 24°30 | 18° 9 | 18°23 | 10°46 | 10°42 | 9°34 | 11° 1 | 5°36 | T 6 |
| F 7 | 19 3 17 | 16°31'39 | 25°46 | 1° 0 | 3°47 | 6°55 | 0°53 | 24°28 | 18° 7 | 18°23 | 10°44 | 10°31 | 9°31 | 11° 7 | 5°37 | F 7 |
| S 8 | 19 7 13 | 17°29'05 | 8 Ω 45 | 0°48 | 5° 1 | 7°40 | 1° 1 | 24°25 | 18° 5 | 18°22 | 10°42 | 10°20 | 9°28 | 11°14 | 5°37 | S 8 |
| S 9 | 19 11 10 | 18°26'30 | 21°28 | 0°32 | 6°14 | 8°24 | 1° 9 | 24°21 | 18° 3 | 18°22 | 10°41 | 10° 9 | 9°25 | 11°21 | 5°38 | S 9 |
| M10 | 19 15 6 | 19°23'54 | 3 m 53 | 0°12 | 7°28 | 9° 8 | 1°17 | 24°18 | 18° 1 | 18°21 | 10°39 | 10° 0 | 9°22 | 11°27 | 5°39 | M10 |
| T 11 | 19 19 3 | 20°21'17 | 16° 4 | 299548 | 8°41 | 9°52 | 1°24 | 24°15 | 17°59 | 18°20 | 10°38 | 9°53 | 9°18 | 11°34 | 5°40 | T 11 |
| W12 | 19 23 0 | 21°18'40 | 28° 3 | 29°22 | 9°55 | 10°36 | 1°32 | 24°12 | 17°57 | 18°20 | 10°36 | 9°48 | 9°15 | 11°41 | 5°41 | W12 |
| T 13 | 19 26 56 | 22°16'01 | 9 ≏ 55 | 28°52 | 11°8 | 11°20 | 1°39 | 24° 8 | 17°55 | 18°19 | 10°35 | 9°45 | 9°12 | 11°47 | 5°42 | T 13 |
| F 14 | 19 30 53 | 23°13'22 | 21°44 | 28°21 | 12°22 | 12° 4 | 1°47 | 24° 5 | 17°53 | 18°18 | 10°33 | 9°D45 | 9° 9 | 11°54 | 5°43 | F 14 |
| S 15 | 19 34 49 | 24°10'42 | 3 M .35 | 27°48 | 13°35 | 12°48 | 1°54 | 24° 1 | 17°51 | 18°18 | 10°31 | 9°R45 | 9° 6 | 12° 1 | 5°44 | S 15 |
| S 16 | 19 38 46 | 25° 8'02 | 15°35 | 27°13 | 14°49 | 13°32 | 2° 0 | 23°58 | 17°49 | 18°17 | 10°30 | 9°45 | 9° 2 | 12° 7 | 5°46 | S 16 |
| M17 | 19 42 42 | 26° 5'21 | 27°48 | 26°38 | 16° 2 | 14°16 | 2° 7 | 23°54 | 17°47 | 18°16 | 10°28 | 9°44 | 8°59 | 12°14 | 5°47 | M17 |
| T 18 | 19 46 39 | 27° 2'39 | 10 才 19 | 26° 3 | 17°16 | 14°59 | 2°14 | 23°51 | 17°46 | 18°15 | 10°27 | 9°40 | 8°56 | 12°21 | 5°49 | T 18 |
| W19 | 19 50 35 | 27°59'56 | 23°11 | 25°29 | 18°29 | 15°43 | 2°20 | 23°47 | 17°44 | 18°14 | 10°25 | 9°35 | 8°53 | 12°27 | 5°51 | W19 |
| T 20 | 19 54 32 | 28°57'14 | 6 궁 27 | 24°56 | 19°43 | 16°27 | 2°27 | 23°43 | 17°42 | 18°13 | 10°24 | 9°26 | 8°50 | 12°34 | 5°53 | T 20 |
| F 21 | 19 58 29 | 29°54'30 | 20° 5 | 24°25 | 20°56 | 17°10 | 2°33 | 23°39 | 17°41 | 18°12 | 10°22 | 9°16 | 8°47 | 12°41 | 5°55 | F 21 |
| S 22 | 20 2 25 | 0 Ω 51'47 | 4≈ 3 | 23°55 | 22°10 | 17°54 | 2°39 | 23°35 | 17°39 | 18°11 | 10°21 | 9° 5 | 8°43 | 12°47 | 5°57 | S 22 |
| S 23 | 20 6 22 | 1°49'03 | 18°18 | 23°29 | 23°24 | 18°37 | 2°44 | 23°31 | 17°37 | 18°10 | 10°20 | 8°53 | 8°40 | 12°54 | 5°59 | S 23 |
| M24 | 20 10 18 | 2°46'19 | 2) (43 | 23° 6 | 24°37 | 19°20 | 2°50 | 23°28 | 17°36 | 18° 9 | 10°18 | 8°43 | 8°37 | 13° 1 | 6° 1 | M24 |
| T 25 | 20 14 15 | 3°43'34 | 17°12 | 22°47 | 25°51 | 20° 4 | 2°56 | 23°24 | 17°34 | 18° 8 | 10°17 | 8°36 | 8°34 | 13° 7 | 6° 4 | T 25 |
| W26 | 20 18 11 | 4°40'50 | 1 Y 39 | 22°32 | 27° 4 | 20°47 | 3° 1 | 23°19 | 17°33 | 18° 7 | 10°15 | 8°30 | 8°31 | 13°14 | 6° 6 | W26 |
| T 27 | 20 22 8 | 5°38'06 | 16° 0 | 22°21 | 28°18 | 21°30 | 3° 6 | 23°15 | 17°31 | 18° 6 | 10°14 | 8°28 | 8°28 | 13°21 | 6° 9 | T 27 |
| F 28 | 20 26 4 | 6°35'22 | 0812 | 22°15 | 29°32 | 22°13 | 3°11 | 23°11 | 17°30 | 18° 5 | 10°12 | 8°27 | 8°24 | 13°27 | 6°12 | F 28 |
| S 29 | 20 30 1 | 7°32'39 | 14°13 | 22°D13 | 0 Ω 45 | 22°56 | 3°16 | 23° 7 | 17°29 | 18° 4 | 10°11 | 8°27 | 8°21 | 13°34 | 6°14 | S 29 |
| S 30 | 20 33 58 | 8°29'55 | 28° 5 | 22°17 | 1°59 | 23°39 | 3°20 | 23° 3 | 17°27 | 18° 3 | 10°10 | 8°26 | 8°18 | 13°41 | 6°17 | S 30 |
| M31 | 20 37 54 | 9 Ω 27'13 | 11 Ⅱ 45 | 22926 | 3 Ω 13 | 24 I I22 | 3 8 25 | 22≈59 | 17 × 726 | 18 ∺ 2 | 10중 8 | 8 8 24 | 8 8 15 | 13 ≏ 47 | 6M20 | M31 |

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| Day | Sid.t | 0 | D | φ | φ | ď | 4 | ħ |) f | ¥ | Р | S. | ೧ | Ç | ×0 | Day |
|------|----------|-----------------|----------------|----------------|----------------|---------------|---------------|--------|-----------------|----------------|---------------|---------------|---------------|----------------|---------------|------|
| T 1 | 20 41 51 | 10\O24'30 | 25耳16 | 229540 | 4 Ω 26 | 25 I 5 | 3 8 29 | 22°R54 | 17°R25 | 18°R 1 | 10°R 7 | 8°R19 | 8812 | 13 ≏ 54 | 6ML24 | T 1 |
| W 2 | 20 45 47 | 11°21'48 | 8935 | 22°59 | 5°40 | 25°47 | 3°33 | 22≈50 | 17 . ₹24 | 17 米 59 | 10궁 6 | 8811 | 8° 8 | 14° 1 | 6°27 | W 2 |
| T 3 | 20 49 44 | 12°19'06 | 21°43 | 23°23 | 6°54 | 26°30 | 3°37 | 22°46 | 17°23 | 17°58 | 10° 4 | 8° 1 | 8° 5 | 14° 7 | 6°30 | T 3 |
| F 4 | 20 53 40 | 13°16'24 | 4 Ω 39 | 23°52 | 8° 8 | 27°12 | 3°41 | 22°41 | 17°22 | 17°57 | 10° 3 | 7°48 | 8° 2 | 14°14 | 6°34 | F 4 |
| S 5 | 20 57 37 | 14°13'42 | 17°22 | 24°27 | 9°21 | 27°55 | 3°44 | 22°37 | 17°21 | 17°56 | 10° 2 | 7°35 | 7°59 | 14°21 | 6°37 | S 5 |
| S 6 | 21 133 | 15°11'00 | 29°52 | 25° 7 | 10°35 | 28°37 | 3°48 | 22°33 | 17°20 | 17°54 | 10° 1 | 7°23 | 7°56 | 14°27 | 6°41 | S 6 |
| M 7 | 21 5 30 | 16° 8'19 | 12Mp 8 | 25°52 | 11°49 | 29°20 | 3°51 | 22°28 | 17°19 | 17°53 | 9°59 | 7°12 | 7°53 | 14°34 | 6°45 | M 7 |
| T 8 | 21 9 27 | 17° 5'37 | 24°13 | 26°42 | 13° 3 | 0ණ 2 | 3°54 | 22°24 | 17°18 | 17°52 | 9°58 | 7° 3 | 7°49 | 14°41 | 6°48 | T 8 |
| W 9 | 21 13 23 | 18° 2'56 | 6 亞 8 | 27°37 | 14°17 | 0°44 | 3°57 | 22°19 | 17°17 | 17°50 | 9°57 | 6°57 | 7°46 | 14°47 | 6°52 | W 9 |
| T 10 | 21 17 20 | 19° 0'14 | 17°57 | 28°37 | 15°30 | 1°26 | 3°59 | 22°15 | 17°16 | 17°49 | 9°56 | 6°53 | 7°43 | 14°54 | 6°56 | T 10 |
| F 11 | 21 21 16 | 19°57'33 | 29°45 | 29°42 | 16°44 | 2° 8 | 4° 2 | 22°11 | 17°16 | 17°48 | 9°55 | 6°52 | 7°40 | 15° 1 | 7° 1 | F 11 |
| S 12 | 21 25 13 | 20°54'52 | 11 M 35 | 0 Ω 52 | 17°58 | 2°50 | 4° 4 | 22° 6 | 17°15 | 17°46 | 9°54 | 6°D52 | 7°37 | 15° 7 | 7° 5 | S 12 |
| S 13 | 21 29 9 | 21°52'12 | 23°34 | 2° 6 | 19°12 | 3°32 | 4° 6 | 22° 2 | 17°14 | 17°45 | 9°53 | 6°R52 | 7°34 | 15°14 | 7° 9 | S 13 |
| M14 | 21 33 6 | 22°49'31 | 5 ,₹ 47 | 3°26 | 20°26 | 4°14 | 4° 8 | 21°57 | 17°14 | 17°43 | 9°52 | 6°51 | 7°30 | 15°20 | 7°14 | M14 |
| T 15 | 21 37 2 | 23°46'51 | 18°18 | 4°49 | 21°40 | 4°56 | 4°10 | 21°53 | 17°13 | 17°42 | 9°51 | 6°49 | 7°27 | 15°27 | 7°18 | T 15 |
| W16 | 21 40 59 | 24°44'10 | 1 る 13 | 6°18 | 22°54 | 5°37 | 4°11 | 21°48 | 17°13 | 17°40 | 9°50 | 6°44 | 7°24 | 15°34 | 7°23 | W16 |
| T 17 | 21 44 56 | 25°41'31 | 14°34 | 7°50 | 24° 7 | 6°19 | 4°12 | 21°44 | 17°12 | 17°39 | 9°49 | 6°37 | 7°21 | 15°40 | 7°27 | T 17 |
| F 18 | 21 48 52 | 26°38'51 | 28°23 | 9°27 | 25°21 | 7° 1 | 4°13 | 21°40 | 17°12 | 17°37 | 9°48 | 6°28 | 7°18 | 15°47 | 7°32 | F 18 |
| S 19 | 21 52 49 | 27°36'12 | 12≈36 | 11° 7 | 26°35 | 7°42 | 4°14 | 21°35 | 17°12 | 17°36 | 9°47 | 6°18 | 7°14 | 15°54 | 7°37 | S 19 |
| S 20 | 21 56 45 | 28°33'33 | 27°10 | 12°51 | 27°49 | 8°23 | 4°15 | 21°31 | 17°11 | 17°34 | 9°46 | 6° 8 | 7°11 | 16° 0 | 7°42 | S 20 |
| M21 | 22 0 42 | 29°30'55 | 11 米 57 | 14°39 | 29° 3 | 9° 5 | 4°15 | 21°26 | 17°11 | 17°33 | 9°45 | 5°59 | 7° 8 | 16° 7 | 7°47 | M21 |
| T 22 | 22 4 38 | 0Mp28'18 | 26°50 | 16°30 | 0 m)17 | 9°46 | 4°16 | 21°22 | 17°11 | 17°31 | 9°44 | 5°52 | 7° 5 | 16°14 | 7°52 | T 22 |
| W23 | 22 8 35 | 1°25'41 | 11 Y 39 | 18°24 | 1°31 | 10°27 | 4°R16 | 21°18 | 17°11 | 17°30 | 9°43 | 5°48 | 7° 2 | 16°20 | 7°57 | W23 |
| T 24 | 22 12 31 | 2°23'06 | 26°19 | 20°20 | 2°45 | 11° 8 | 4°16 | 21°13 | 17°11 | 17°28 | 9°42 | 5°46 | 6°59 | 16°27 | 8° 3 | T 24 |
| F 25 | 22 16 28 | 3°20'31 | 10844 | 22°18 | 3°59 | 11°49 | 4°15 | 21° 9 | 17°D11 | 17°27 | 9°42 | 5°D45 | 6°55 | 16°34 | 8° 8 | F 25 |
| S 26 | 22 20 25 | 4°17'58 | 24°52 | 24°19 | 5°13 | 12°30 | 4°15 | 21° 5 | 17°11 | 17°25 | 9°41 | 5°46 | 6°52 | 16°40 | 8°14 | S 26 |
| S 27 | 22 24 21 | 5°15'26 | 8Ⅲ42 | 26°20 | 6°27 | 13°11 | 4°14 | 21° 1 | 17°11 | 17°24 | 9°40 | 5°R46 | 6°49 | 16°47 | 8°19 | S 27 |
| M28 | 22 28 18 | 6°12'54 | 22°14 | 28°23 | 7°41 | 13°51 | 4°13 | 20°56 | 17°11 | 17°22 | 9°39 | 5°45 | 6°46 | 16°54 | 8°25 | M28 |
| T 29 | 22 32 14 | 7°10'25 | 5931 | 0 m ,27 | 8°55 | 14°32 | 4°12 | 20°52 | 17°11 | 17°20 | 9°39 | 5°42 | 6°43 | 17° 0 | 8°30 | T 29 |
| W30 | 22 36 11 | 8° 7'56 | 18°34 | 2°31 | 10° 9 | 15°13 | 4°11 | 20°48 | 17°11 | 17°19 | 9°38 | 5°36 | 6°40 | 17° 7 | 8°36 | W30 |
| T 31 | 22 40 7 | 9 m 5′28 | 1 Ω 23 | 4Mp36 | 11 m 23 | 15953 | 4 8 9 | 20≈44 | 17 × 12 | 17) 17 | 9 る 37 | 5 8 28 | 6 8 36 | 17 ≏ 14 | 8 M 42 | T 31 |

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|--------------|--------------------|----------------------------|------------------------|-------------------------|-------------------------|-----------------------|----------------------|------------------------|--------------------------|-------------------------|-----------------------|---------------|---------------|-------------------------|------------------------|--------------|
| F 1 | 22 44 4 | 10 mg 3'02 | 14 0 0 | 6 M)40 | 12 M y37 | 16933 | 4°R 8 | 20°R40 | 17 ₹ 12 | 17°R16 | 9°R37 | 5°R19 | 6 8 33 | 17 ≏ 20 | 8 M .48 | F 1 |
| S 2 | 22 48 0 | 11° 0'36 | 26°25 | 8°44 | 13°51 | 17°14 | 4 8 6 | 20≈36 | 17°13 | 17 米 14 | 9 ප 36 | 5 8 9 | 6°30 | 17°27 | 8°54 | S 2 |
| S 3 | 22 51 57 | 11°58'12 | 8 m /40 | 10°48 | 15° 6 | 17°54 | 4° 4 | 20°32 | 17°13 | 17°12 | 9°36 | 4°59 | 6°27 | 17°34 | 9° 0 | S 3 |
| M 4 | 22 55 54 | 12°55'48 | 20°46 | 12°50 | 16°20 | 18°34 | 4° 1 | 20°28 | 17°13 | 17°11 | 9°35 | 4°51 | 6°24 | 17°40 | 9° 6 | M 4 |
| T 5 | 22 59 50 | 13°53'26 | 2 ≏ 43 | 14°52 | 17°34 | 19°14 | 3°59 | 20°24 | 17°14 | 17° 9 | 9°35 | 4°44 | 6°20 | 17°47 | 9°12 | T 5 |
| W 6 | 23 3 47 | 14°51'04 | 14°33 | 16°53 | 18°48 | 19°54 | 3°56 | 20°20 | 17°15 | 17° 7 | 9°34 | 4°40 | 6°17 | 17°54 | 9°19 | W 6 |
| T 7 | 23 7 43 | 15°48'44 | 26°20 | 18°52 | 20° 2 | 20°34 | 3°53 | 20°16 | 17°15 | 17° 6 | 9°34 | 4°38 | 6°14 | 18° 0 | 9°25 | T 7 |
| F 8 | 23 11 40 | 16°46'24 | 8M 7 | 20°51 | 21°16 | 21°14 | 3°50 | 20°13 | 17°16 | 17° 4 | 9°34 | 4°D37 | 6°11 | 18° 7 | 9°31 | F 8 |
| S 9 | 23 15 36 | 17°44'06 | 19°57 | 22°48 | 22°30 | 21°53 | 3°47 | 20° 9 | 17°17 | 17° 2 | 9°33 | 4°38 | 6° 8 | 18°13 | 9°38 | S 9 |
| S 10 | 23 19 33 | 18°41'48 | 1 ₹ 55 | 24°44 | 23°45 | 22°33 | 3°44 | 20° 5 | 17°18 | 17° 1 | 9°33 | 4°39 | 6° 5 | 18°20 | 9°45 | S 10 |
| M11 | 23 23 29 | 19°39'32 | 14° 6 | 26°38 | 24°59 | 23°12 | 3°40 | 20° 2 | 17°18 | 16°59 | 9°33 | 4°R41 | 6° 1 | 18°27 | 9°51 | M11 |
| T 12 | 23 27 26 | 20°37'17 | 26°35 | 28°32 | 26°13 | 23°52 | 3°36 | 19°58 | 17°19 | 16°58 | 9°32 | 4°40 | 5°58 | 18°33 | 9°58 | T 12 |
| W13 | 23 31 23 | 21°35'02 | 9 궁 28 | 0 <u>₽</u> 23 | 27°27 | 24°31 | 3°32 | 19°55 | 17°20 | 16°56 | 9°32 | 4°39 | 5°55 | 18°40 | 10° 5 | W13 |
| T 14 | 23 35 19 | 22°32'49 | 22°46 | 2°14 | 28°41 | 25°10 | 3°28 | 19°51 | 17°21 | 16°54 | 9°32 | 4°36 | 5°52 | 18°47 | 10°11 | T 14 |
| F 15 | 23 39 16 | 23°30'36 | 6 ≈ 34 20°49 | 4° 3 5°50 | 29°55 1 Ω 10 | 25°49 | 3°24 3°19 | 19°48 19°45 | 17°22 17°24 | 16°53 | 9°32 | 4°31 | 5°49 5°46 | 18°53 19° 0 | 10°18 | F 15 S 16 |
| S 16 | 23 43 12 | 24°28'25 | | | - | 26°28 | | | | 16°51 | 9°32 | 4°25 | | | 10°25 | |
| S 17 | 23 47 9 | 25°26'15 | 5 ∺ 29 | 7°37 | 2°24 | 27° 7 | 3°15 | 19°42 | 17°25 | 16°49 | 9°32 | 4°19 | 5°42 | 19° 7 | 10°32 | S 17 |
| M18 | 23 51 5 | 26°24'06 | 20°27 | 9°21 | 3°38 | 27°46 | 3°10 | 19°38 | 17°26 | 16°48 | 9°32 | 4°14 | 5°39 | 19°13 | 10°39 | M18 |
| T 19 | 23 55 2 | 27°21'58 | 5 Υ 35 | 11° 5 | 4°52 | 28°25 | 3° 5 | 19°35 | 17°27 | 16°46 | 9°D32 | 4°10 | 5°36 | 19°20 | 10°46 | T 19 |
| W20 | 23 58 58 | 28°19'52 | 20°43 | 12°47 | 6° 7 | 29° 3 | 3° 0 | 19°32 | 17°29 | 16°45 | 9°32 | 4° 8 | 5°33 | 19°27 | 10°54 | W20 |
| T 21 | 0 2 55 | 29°17'47 | 5 8 42 | 14°28 | 7°21 | 29°42 | 2°54 | 19°30 | 17°30 | 16°43 | 9°32 | 4°D 7 | 5°30 | 19°33 | 11° 1 | T 21 |
| F 22 S 23 | 0 651 | 0 Ω 15'45 | 20°25 4 ∏ 46 | 16° 8 17°46 | 8°35 9°49 | 0 Ω 20 0°59 | 2°49 2°43 | 19°27 19°24 | 17°31 17°33 | 16°41 16°40 | 9°32 9°32 | 4° 8 4° 9 | 5°26 | 19°40 19°47 | 11° 8 11°15 | F 22 S 23 |
| | 0 10 48 | 1°13'44 | | | | 0-39 | | - | | | | - | 5°23 | | | |
| S 24 | 0 14 45 | 2°11'44 | 18°45 | 19°23 | 11° 3 | 1°37 | 2°37 | 19°21 | 17°34 | 16°38 | 9°32 | 4°10 | 5°20 | 19°53 | 11°23 | S 24 |
| M25 | 0 18 41 | 3° 9'47 | 2920 | 20°59 | 12°18 | 2°15 | 2°31 | 19°19 | 17°36 | 16°37 | 9°32 | 4°R11 | 5°17 | 20° 0 | 11°30 | M25 |
| T 26 | 0 22 38 | 4° 7'52 | 15°33 | 22°34 | 13°32 | 2°53 | 2°25 | 19°16 | 17°38 | 16°35 | 9°32 | 4°10 | 5°14 | 20° 7 | 11°38 | T 26 |
| W27 | 0 26 34 | 5° 5'58 | 28°27 | 24° 7 | 14°46 | 3°31 | 2°19 | 19°14 | 17°39 | 16°34 | 9°32 | 4° 9 | 5°11 | 20°13 | 11°45 | W27 |
| T 28 | 0 30 31 | 6° 4'06 | 110 4 | 25°39 | 16° 0 | 4° 9 | 2°13 | 19°11 | 17°41 | 16°32 | 9°33 | 4° 5 | 5° 7 | 20°20 | 11°53 | T 28 |
| F 29 | 0 34 27 0 38 24 | 7° 2'16 8 ♀ 0'28 | 23°28 | 27°10 28 Ω 40 | 17°15 18 Ω 29 | 4°46 5 Ω 24 | 2° 6 2 8 0 | 19° 9 19 ≈ 7 | 17°43 17 ×7 44 | 16°31 16 ∺ 29 | 9°33 9 ⋜ 33 | 4° 1 | 5° 4 | 20°26 20 Ω 33 | 12° 0 12 M 8 | F 29 |
| S 30 | 0 38 24 | 8 == 0.728 | 5 M 40 | 28 ≟ 240 | 18=429 | 3 6 (24 | 2 0 0 | 19₩ / | 1/ X '44 | 10大29 | 9033 | 3 8 57 | 5 8 1 | 20=233 | 12 M 8 | S 30 |

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|------|---------|-------------------|------------------|--------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|------------------|---------------|----------------|-----------------|------|
| S 1 | 0 42 20 | 8 ≏ 58'41 | 17 Mp 42 | OM 8 | 19 ≏ 43 | 6 Ω 1 | 1°R53 | 19°R 5 | 17 .7 46 | 16°R28 | 9 ට 34 | 3°R53 | 4 8 58 | 20 <u>₽</u> 40 | 12 M .16 | S 1 |
| M 2 | 0 46 17 | 9°56'56 | 29°38 | 1°35 | 20°58 | 6°39 | 1846 | 19≈ 3 | 17°48 | 16) 26 | 9°34 | 3 8 49 | 4°55 | 20°46 | 12°23 | M 2 |
| T 3 | 0 50 14 | 10°55'13 | 11 ≏ 29 | 3° 1 | 22°12 | 7°16 | 1°39 | 19° 1 | 17°50 | 16°25 | 9°34 | 3°46 | 4°51 | 20°53 | 12°31 | T 3 |
| W 4 | 0 54 10 | 11°53'32 | 23°16 | 4°26 | 23°26 | 7°53 | 1°32 | 18°59 | 17°52 | 16°23 | 9°35 | 3°45 | 4°48 | 21° 0 | 12°39 | W 4 |
| T 5 | 0 58 7 | 12°51'52 | 5 M 3 | 5°49 | 24°41 | 8°30 | 1°25 | 18°57 | 17°54 | 16°22 | 9°35 | 3°D44 | 4°45 | 21° 6 | 12°47 | T 5 |
| F 6 | 1 2 3 | 13°50'14 | 16°52 | 7°11 | 25°55 | 9° 7 | 1°18 | 18°56 | 17°56 | 16°20 | 9°36 | 3°45 | 4°42 | 21°13 | 12°55 | F 6 |
| S 7 | 1 6 0 | 14°48'38 | 28°45 | 8°32 | 27° 9 | 9°44 | 1°10 | 18°54 | 17°58 | 16°19 | 9°37 | 3°46 | 4°39 | 21°20 | 13° 3 | S 7 |
| S 8 | 1 9 56 | 15°47'03 | 10 ∡ 746 | 9°51 | 28°23 | 10°20 | 1° 3 | 18°53 | 18° 1 | 16°18 | 9°37 | 3°48 | 4°36 | 21°26 | 13°11 | S 8 |
| M 9 | 1 13 53 | 16°45'30 | 22°59 | 11° 9 | 29°38 | 10°57 | 0°55 | 18°51 | 18° 3 | 16°16 | 9°38 | 3°49 | 4°32 | 21°33 | 13°19 | M 9 |
| T 10 | 1 17 49 | 17°43'58 | 5 云 28 | 12°26 | 0 M .52 | 11°33 | 0°48 | 18°50 | 18° 5 | 16°15 | 9°38 | 3°50 | 4°29 | 21°40 | 13°27 | T 10 |
| W11 | 1 21 46 | 18°42'28 | 18°17 | 13°40 | 2° 6 | 12° 9 | 0°40 | 18°49 | 18° 7 | 16°14 | 9°39 | 3°R50 | 4°26 | 21°46 | 13°35 | W11 |
| T 12 | 1 25 43 | 19°41'00 | 1≈30 | 14°54 | 3°21 | 12°46 | 0°32 | 18°48 | 18°10 | 16°12 | 9°40 | 3°50 | 4°23 | 21°53 | 13°43 | T 12 |
| F 13 | 1 29 39 | 20°39'33 | 15° 9 | 16° 5 | 4°35 | 13°22 | 0°24 | 18°47 | 18°12 | 16°11 | 9°41 | 3°49 | 4°20 | 22° 0 | 13°51 | F 13 |
| S 14 | 1 33 36 | 21°38'07 | 29°15 | 17°15 | 5°49 | 13°57 | 0°17 | 18°46 | 18°14 | 16°10 | 9°41 | 3°48 | 4°17 | 22° 6 | 13°59 | S 14 |
| S 15 | 1 37 32 | 22°36'43 | 13) (46 | 18°22 | 7° 4 | 14°33 | 0° 9 | 18°45 | 18°17 | 16° 9 | 9°42 | 3°46 | 4°13 | 22°13 | 14° 8 | S 15 |
| M16 | 1 41 29 | 23°35'21 | 28°40 | 19°28 | 8°18 | 15° 9 | 0° 1 | 18°45 | 18°19 | 16° 7 | 9°43 | 3°45 | 4°10 | 22°19 | 14°16 | M16 |
| T 17 | 1 45 25 | 24°34'00 | 13 Y 48 | 20°31 | 9°32 | 15°44 | 29 Y 53 | 18°44 | 18°22 | 16° 6 | 9°44 | 3°44 | 4° 7 | 22°26 | 14°24 | T 17 |
| W18 | 1 49 22 | 25°32'41 | 29° 1 | 21°33 | 10°46 | 16°20 | 29°45 | 18°44 | 18°24 | 16° 5 | 9°45 | 3°D44 | 4° 4 | 22°33 | 14°32 | W18 |
| T 19 | 1 53 18 | 26°31'24 | 14811 | 22°31 | 12° 1 | 16°55 | 29°37 | 18°43 | 18°27 | 16° 4 | 9°46 | 3°44 | 4° 1 | 22°39 | 14°41 | T 19 |
| F 20 | 1 57 15 | 27°30'10 | 29° 7 | 23°27 | 13°15 | 17°30 | 29°29 | 18°43 | 18°30 | 16° 3 | 9°47 | 3°44 | 3°57 | 22°46 | 14°49 | F 20 |
| S 21 | 2 1 12 | 28°28'57 | 13 Ⅱ 43 | 24°20 | 14°29 | 18° 5 | 29°21 | 18°43 | 18°32 | 16° 2 | 9°48 | 3°45 | 3°54 | 22°53 | 14°57 | S 21 |
| S 22 | 2 5 8 | 29°27'47 | 27°54 | 25°10 | 15°44 | 18°40 | 29°13 | 18°D43 | 18°35 | 16° 0 | 9°49 | 3°45 | 3°51 | 22°59 | 15° 6 | S 22 |
| M23 | 2 9 5 | 0 M 26'38 | 11939 | 25°56 | 16°58 | 19°14 | 29° 5 | 18°43 | 18°38 | 15°59 | 9°50 | 3°46 | 3°48 | 23° 6 | 15°14 | M23 |
| T 24 | 2 13 1 | 1°25'32 | 24°57 | 26°39 | 18°12 | 19°49 | 28°57 | 18°43 | 18°41 | 15°58 | 9°51 | 3°46 | 3°45 | 23°13 | 15°23 | T 24 |
| W25 | 2 16 58 | 2°24'28 | 7 Ω 51 | 27°17 | 19°26 | 20°23 | 28°49 | 18°43 | 18°43 | 15°57 | 9°52 | 3°R46 | 3°42 | 23°19 | 15°31 | W25 |
| T 26 | 2 20 54 | 3°23'27 | 20°25 | 27°52 | 20°41 | 20°58 | 28°41 | 18°43 | 18°46 | 15°56 | 9°53 | 3°D46 | 3°38 | 23°26 | 15°40 | T 26 |
| F 27 | 2 24 51 | 4°22'27 | 2 Mp 41 | 28°21 | 21°55 | 21°32 | 28°33 | 18°44 | 18°49 | 15°55 | 9°54 | 3°46 | 3°35 | 23°33 | 15°48 | F 27 |
| S 28 | 2 28 47 | 5°21'30 | 14°46 | 28°45 | 23° 9 | 22° 6 | 28°25 | 18°44 | 18°52 | 15°54 | 9°55 | 3°46 | 3°32 | 23°39 | 15°57 | S 28 |
| S 29 | 2 32 44 | 6°20'34 | 26°41 | 29° 4 | 24°24 | 22°39 | 28°17 | 18°45 | 18°55 | 15°54 | 9°57 | 3°46 | 3°29 | 23°46 | 16° 5 | S 29 |
| M30 | 2 36 41 | 7°19'41 | 8 亞 30 | 29°16 | 25°38 | 23°13 | 28° 9 | 18°45 | 18°58 | 15°53 | 9°58 | 3°47 | 3°26 | 23°53 | 16°14 | M30 |
| T 31 | 2 40 37 | 8 M .18'50 | 20 ≏ 18 | 29°R22 | 26M52 | 23 Ω 46 | 28 ° 1 | 18 ≈ 46 | 19 × 7 1 | 15) 52 | 9 궁 59 | 3 8 47 | 3 8 23 | 23 ≏ 59 | 16M22 | T 31 |

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| Day | Sid.t | 0 | D | ğ | Q | ð | 4 | ħ |)∤(| ¥ | В | u | Ω | Ç | Ŷ, | Day |
|-------------|-------------------|--------------------------------|------------------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|-------------|
| W 1 | 2 44 34 | 9 M .18'01 | 2M 5 | 29°R20 | 28 M 6 | 24 \O 20 | 27°R53 | 18 ≈ 47 | 19 ,7 4 | 15°R51 | 10중 0 | 3°R47 | 3 8 19 | 24 º 6 | 16 M 31 | W 1 |
| T 2 | 2 48 30 | 10°17'14 | 13°55 | 29M12 | 29°21 | 24°53 | 27 Υ 46 | 18°48 | 19° 7 | 15 米 50 | 10° 2 | 3 8 47 | 3°16 | 24°12 | 16°39 | T 2 |
| F 3 | 2 52 27 | 11°16'29 | 25°50 | 28°55 | 0 × 35 | 25°26 | 27°38 | 18°49 | 19°10 | 15°49 15°49 | 10° 3 10° 5 | 3°46 | 3°13 | 24°19 | 16°48 | F 3 |
| S 4 | 2 56 23 | 12°15'46 | 7 .₹ 52 | 28°30 | 1°49 | 25°58 | 27°30 | 18°50 | 19°13 | | | 3°46 | 3°10 | 24°26 | 16°56 | S 4 |
| S 5 | 3 0 20 | 13°15'05 | 20° 2 | 27°57 | 3° 4 | 26°31 | 27°23 | 18°52 | 19°17 | 15°48 | 10° 6 | 3°44 | 3° 7 | 24°32 | 17° 5 | S 5 |
| M 6 | 3 4 16 | 14°14'26 | 2 3 24 | 27°15 | 4°18 | 27° 3 | 27°16 | 18°53 | 19°20 | 15°47 | 10° 7 | 3°43 | 3° 3 | 24°39 | 17°13 | M 6 |
| T 7 W 8 | 3 8 13 3 12 10 | 15°13'48 16°13'12 | 14°59 27°51 | 26°26 25°29 | 5°32 6°46 | 27°35 28° 7 | 27° 8 27° 1 | 18°55 18°56 | 19°23 19°26 | 15°47 15°46 | 10° 9 10°10 | 3°41 3°40 | 3° 0 2°57 | 24°46 24°52 | 17°22 17°31 | T 7 W 8 |
| W 8 T 9 | 3 12 10 | 16°13°12 17°12'38 | 11 ≈ 1 | 25°29 24°25 | 8° 1 | 28°39 | 26°54 | 18°58 | 19°26 19°30 | 15°46 | 10°10 10°12 | 3°D40 | 2°54 | 24°52 24°59 | 17°31 | W 8 T 9 |
| F 10 | 3 20 3 | 18°12'05 | 24°32 | 23°17 | 9°15 | 29°11 | 26°47 | 19° 0 | 19°33 | 15°45 | 10°12 | 3°40 | 2°51 | 25° 6 | 17°48 | F 10 |
| S 11 | 3 23 59 | 19°11'34 | 8) (25 | 22° 4 | 10°29 | 29°42 | 26°40 | 19° 2 | 19°36 | 15°44 | 10°15 | 3°40 | 2°48 | 25°12 | 17°56 | S 11 |
| S 12 | 3 27 56 | 20°11'05 | 22°40 | 20°50 | 11°44 | 0 m 14 | 26°33 | 19° 4 | 19°40 | 15°44 | 10°17 | 3°41 | 2°44 | 25°19 | 18° 5 | S 12 |
| M13 | 3 31 52 | 21°10'37 | 7 Υ 16 | 19°36 | 12°58 | 0°45 | 26°27 | 19° 6 | 19°43 | 15°44 | 10°18 | 3°43 | 2°41 | 25°26 | 18°13 | M13 |
| T 14 | 3 35 49 | 22°10'11 | 22° 8 | 18°24 | 14°12 | 1°15 | 26°20 | 19°8 | 19°46 | 15°43 | 10°20 | 3°44 | 2°38 | 25°32 | 18°22 | T 14 |
| W15 | 3 39 45 | 23° 9'47 | 7 8 10 | 17°17 | 15°26 | 1°46 | 26°14 | 19°10 | 19°50 | 15°43 | 10°22 | 3°R44 | 2°35 | 25°39 | 18°31 | W15 |
| T 16 | 3 43 42 | 24° 9'25 | 22°14 | 16°17 | 16°40 | 2°17 | 26° 8 | 19°12 | 19°53 | 15°42 | 10°23 | 3°43 | 2°32 | 25°46 | 18°39 | T 16 |
| F 17 | 3 47 39 | 25° 9'04 | 7 Ⅱ 11 | 15°25 | 17°55 | 2°47 | 26° 2 | 19°15 | 19°57 | 15°42 | 10°25 | 3°41 | 2°29 | 25°52 | 18°48 | F 17 |
| S 18 | 3 51 35 | 26° 8'46 | 21°53 | 14°43 | 19° 9 | 3°17 | 25°56 | 19°17 | 20° 0 | 15°42 | 10°27 | 3°38 | 2°25 | 25°59 | 18°56 | S 18 |
| S 19 | 3 55 32 | 27° 8'30 | 69913 | 14°12 | 20°23 | 3°47 | 25°50 | 19°20 | 20° 4 | 15°41 | 10°28 | 3°35 | 2°22 | 26° 5 | 19° 5 | S 19 |
| M20 | 3 59 28 | 28° 8'15 | 20° 6 | 13°52 | 21°37 | 4°16 | 25°44 | 19°23 | 20° 7 | 15°41 | 10°30 | 3°32 | 2°19 | 26°12 | 19°13 | M20 |
| T 21 W22 | 4 3 25 4 7 21 | 29° 8'03 0 × 7' 7'53 | 3 Ω 32 16°32 | 13°D44 13°47 | 22°52 24° 6 | 4°45 5°14 | 25°39 25°34 | 19°26 19°29 | 20°11 20°14 | 15°41 15°41 | 10°32 10°34 | 3°29 3°27 | 2°16 2°13 | 26°19 26°25 | 19°22 19°30 | T 21 W22 |
| T 23 | 4 11 18 | 1° 7'45 | 29° 7 | 13 47 14° 0 | 25°20 | 5°43 | 25°28 | 19°29 | 20°18 | 15°41 | 10°34 | 3°D26 | 2° 9 | 26°32 | 19°39 | T 23 |
| F 24 | 4 15 14 | 2° 7'39 | 11 m) 24 | 14°24 | 26°34 | 6°12 | 25°23 | 19°35 | 20°21 | 15°41 | 10°38 | 3°26 | 2° 6 | 26°39 | 19°47 | F 24 |
| S 25 | 4 19 11 | 3° 7'35 | 23°26 | 14°58 | 27°48 | 6°40 | 25°19 | 19°38 | 20°25 | 15°41 | 10°39 | 3°28 | 2° 3 | 26°45 | 19°56 | S 25 |
| S 26 | 4 23 8 | 4° 7'34 | 5 ₽ 18 | 15°40 | 29° 3 | 7° 8 | 25°14 | 19°41 | 20°29 | 15°D41 | 10°41 | 3°29 | 2° 0 | 26°52 | 20° 4 | S 26 |
| M27 | 4 27 4 | 5° 7'34 | 17° 5 | 16°30 | 0 궁 17 | 7°36 | 25°10 | 19°44 | 20°32 | 15°41 | 10°43 | 3°31 | 1°57 | 26°59 | 20°12 | M27 |
| T 28 | 4 31 1 | 6° 7'36 | 28°52 | 17°27 | 1°31 | 8° 4 | 25° 5 | 19°48 | 20°36 | 15°41 | 10°45 | 3°R32 | 1°54 | 27° 5 | 20°21 | T 28 |
| W29 | 4 34 57 | 7° 7'40 | 10ML42 | 18°30 | 2°45 | 8°31 | 25° 1 | 19°51 | 20°39 | 15°41 | 10°47 | 3°32 | 1°50 | 27°12 | 20°29 | W29 |
| T 30 | 4 38 54 | 8 .₹ ¹ 7'47 | 22 M 38 | 19 M .38 | 3 る 59 | 8 m 58 | 24 Y 57 | 19≈55 | 20 ∡ 43 | 15 米 41 | 10 궁 49 | 3 8 30 | 1847 | 27 ≏ 19 | 20 M 37 | T 30 |

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|--------------|--------------------|------------------------------|-------------------------|-----------------------|-----------------------|--------------------------|----------------|----------------|-----------------|-----------------|----------------|---------------|--------------|----------------|-----------------|--------------|
| F 1 | 4 42 50 | 9 x 7'55 | 4 × 743 | 20 M 50 | 5 る 14 | 9 m ₂₅ | 24°R53 | 19≈59 | 20 × 747 | 15) (41 | 10 ට 51 | 3°R27 | 1844 | 27 Ω 25 | 20M46 | F 1 |
| S 2 | 4 46 47 | 10° 8'05 | 16°58 | 22° 7 | 6°28 | 9°51 | 24 Y 50 | 20° 3 | 20°50 | 15°41 | 10°53 | 3 8 21 | 1°41 | 27°32 | 20°54 | S 2 |
| S 3 | 4 50 43 | 11° 8'16 | 29°24 | 23°27 | 7°42 | 10°18 | 24°47 | 20° 6 | 20°54 | 15°41 | 10°55 | 3°15 | 1°38 | 27°38 | 21° 2 | S 3 |
| M 4 T 5 | 4 54 40 4 58 37 | 12° 8'29 13° 8'44 | 12 る 3 24°54 | 24°50 26°14 | 8°56 10°10 | 10°43 11° 9 | 24°43 24°41 | 20°10 20°14 | 20°58 21° 2 | 15°42 15°42 | 10°57 10°59 | 3° 8 3° 1 | 1°35 1°31 | 27°45 27°52 | 21°11 21°19 | M 4 T 5 |
| W 6 | 5 2 33 | 14° 9'00 | 7 ≈ 58 | 27°41 | 11°24 | 11°34 | 24°38 | 20°18 | 21° 5 | 15°42 | 11° 1 | 2°55 | 1°28 | 27°58 | 21°27 | W 6 |
| T 7 | 5 6 30 | 15° 9'18 | 21°15 | 29°10 | 12°38 | 11°59 | 24°35 | 20°23 | 21° 9 | 15°42 | 11° 3 | 2°50 | 1°25 | 28° 5 | 21°35 | T 7 |
| F 8 | 5 10 26 | 16° 9'37 | 4) €46 | 0 , 740 | 13°53 | 12°24 | 24°33 | 20°27 | 21°13 | 15°43 | 11° 5 | 2°48 | 1°22 | 28°12 | 21°43 | F 8 |
| S 9 | 5 14 23 | 17° 9'57 | 18°32 | 2°11 | 15° 7 | 12°48 | 24°31 | 20°31 | 21°16 | 15°43 | 11° 8 | 2°D47 | 1°19 | 28°18 | 21°51 | S 9 |
| S 10 M11 | 5 18 19 5 22 16 | 18°10'18 19°10'41 | 2 Υ 33 16°49 | 3°43 5°15 | 16°21 17°35 | 13°12 13°36 | 24°29 24°27 | 20°36 20°40 | 21°20 21°24 | 15°44 15°44 | 11°10 11°12 | 2°48 2°49 | 1°15 1°12 | 28°25 28°32 | 21°59 22° 7 | S 10 M11 |
| T 12 | 5 26 12 | 20°11'04 | 18 49 1 8 17 | 6°48 | 17 33 18°49 | 13°59 | 24°26 | 20°45 | 21°28 | 15°45 | 11°14 | 2°R50 | 1° 9 | 28°38 | 22°15 | T 12 |
| W13 | 5 30 9 | 21°11'30 | 15°56 | 8°22 | 20° 3 | 14°22 | 24°24 | 20°49 | 21°31 | 15°45 | 11°16 | 2°49 | 1° 6 | 28°45 | 22°23 | W13 |
| T 14 | 5 34 6 | 22°11'56 | 0Д39 | 9°55 | 21°17 | 14°44 | 24°23 | 20°54 | 21°35 | 15°46 | 11°18 | 2°46 | 1° 3 | 28°52 | 22°31 | T 14 |
| F 15 S 16 | 5 38 2 5 41 59 | 23°12'24 24°12'53 | 15°20 29°51 | 11°29 13° 4 | 22°31 23°45 | 15° 6 15°28 | 24°22 24°22 | 20°59 21° 4 | 21°39 21°42 | 15°46 15°47 | 11°20 11°23 | 2°41 2°34 | 1° 0 0°56 | 28°58 29° 5 | 22°39 22°47 | F 15 S 16 |
| S 17 | 5 45 55 | 25°13'24 | 1496 7 | 14°38 | 24°59 | 15°50 | 24°21 | 21° 9 | 21°46 | 15°48 | 11°25 | 2°25 | 0°53 | 29°12 | 22°54 | S 17 |
| M18 | 5 49 52 | 25 13 24 26°13'57 | 28° 1 | 14 38 16°12 | 24°39 26°13 | 15°30 | 24°21 | 21°14 | 21°50 | 15°49 | 11°23 | 2°16 | 0°50 | 29°12 29°18 | 22° 34 23° 2 | M18 |
| T 19 | 5 53 48 | 27°14'30 | 11 \O 30 | 17°47 | 27°27 | 16°31 | 24°D21 | 21°19 | 21°54 | 15°49 | 11°29 | 2° 7 | 0°47 | 29°25 | 23°10 | T 19 |
| W20 | 5 57 45 | 28°15'06 | 24°33 | 19°21 | 28°41 | 16°51 | 24°21 | 21°24 | 21°57 | 15°50 | 11°31 | 2° 0 | 0°44 | 29°31 | 23°17 | W20 |
| T 21 F 22 | 6 1 42 6 5 38 | 29°15'42 0 る 16'21 | 7 Mp 13 19°32 | 20°55 22°30 | 29°55 1 ≈ 9 | 17°11 17°31 | 24°21 24°22 | 21°29 21°34 | 22° 1 22° 5 | 15°51 15°52 | 11°34 11°36 | 1°55 1°53 | 0°41 0°37 | 29°38 29°45 | 23°25 23°32 | T 21 F 22 |
| S 23 | 6 9 35 | 1°17'01 | 1 <u>₽</u> 35 | 24° 4 | 2°23 | 17°49 | 24°22 | 21°40 | 22° 8 | 15°53 | 11°38 | 1°D52 | 0°34 | 29°51 | 23°40 | S 23 |
| S 24 | 6 13 31 | 2°17'42 | 13°27 | 25°38 | 3°37 | 18° 8 | 24°23 | 21°45 | 22°12 | 15°54 | 11°40 | 1°53 | 0°31 | 29°58 | 23°47 | S 24 |
| M25 | 6 17 28 | 3°18'25 | 25°15 | 27°13 | 4°51 | 18°26 | 24°25 | 21°51 | 22°16 | 15°54 | 11°43 | 1°53 | 0°28 | 0 m 5 | 23°55 | M25 |
| T 26 | 6 21 24 | 4°19'09 | 7 M 2 | 28°47 | 6° 4 | 18°43 | 24°26 | 21°56 | 22°19 | 15°55 | 11°45 | 1°R53 | 0°25 | 0°11 | 24° 2 | T 26 |
| W27 T 28 | 6 25 21 6 29 17 | 5°19'55 6°20'42 | 18°55 0 ∡ 757 | 0 궁 21 1°55 | 7°18 8°32 | 19° 0 19°17 | 24°28 24°29 | 22° 2 22° 7 | 22°23 22°27 | 15°56 15°57 | 11°47 11°49 | 1°52 1°48 | 0°21 0°18 | 0°18 0°25 | 24° 9 24°16 | W27 T 28 |
| F 29 | 6 33 14 | 7°21'30 | 13°11 | 3°29 | 9°46 | 19°17 19°33 | 24°29 24°31 | 22°13 | 22°30 | 15°57 | 11°49 | 1°48 1°41 | 0°18 | 0°23 | 24°16 24°24 | F 29 |
| S 30 | 6 37 11 | 8°22'20 | 25°41 | 5° 3 | 11° 0 | 19°49 | 24°33 | 22°19 | 22°34 | 16° 0 | 11°54 | 1°31 | 0°12 | 0°38 | 24°31 | S 30 |
| S 31 | 6 41 7 | 9 ට 23'10 | 8 ට 25 | 6 ප 37 | 12≈13 | 20 Mp 4 | 24 Y 36 | 22≈25 | 22 × 38 | 16 ∺ 1 | 11 궁 56 | 1820 | 0 8 9 | 0 M .45 | 24 M 38 | S 31 |

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|------|---------|-------------------|-----------------|---------------|----------------|-----------------|----------------|-------|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| M 1 | 6 45 4 | 10 ට 24'02 | 21 궁 26 | 8 ට 11 | 13≈27 | 20 m /18 | 24 Y 38 | 22≈30 | 22 √ 41 | 16 ¥ 2 | 11 る 58 | 1°R 7 | 0 8 6 | 0 M .51 | 24 M 45 | M 1 |
| T 2 | 6 49 0 | 11°24'55 | 4≈40 | 9°46 | 14°41 | 20°32 | 24°41 | 22°36 | 22°45 | 16° 3 | 12° 1 | 0 8 55 | 0° 2 | 0°58 | 24°52 | T 2 |
| W 3 | 6 52 57 | 12°25'48 | 18° 6 | 11°20 | 15°55 | 20°45 | 24°44 | 22°42 | 22°48 | 16° 4 | 12° 3 | 0°44 | 29 Y 59 | 1° 4 | 24°58 | W 3 |
| T 4 | 6 56 53 | 13°26'42 | 1) (42 | 12°54 | 17° 8 | 20°58 | 24°47 | 22°48 | 22°52 | 16° 6 | 12° 5 | 0°35 | 29°56 | 1°11 | 25° 5 | T 4 |
| F 5 | 7 0 50 | 14°27'37 | 15°27 | 14°28 | 18°22 | 21°10 | 24°51 | 22°54 | 22°56 | 16° 7 | 12° 7 | 0°30 | 29°53 | 1°18 | 25°12 | F 5 |
| S 6 | 7 4 47 | 15°28'32 | 29°19 | 16° 3 | 19°35 | 21°22 | 24°54 | 23° 1 | 22°59 | 16° 8 | 12°10 | 0°27 | 29°50 | 1°24 | 25°18 | S 6 |
| S 7 | 7 8 43 | 16°29'27 | 13 Y 17 | 17°37 | 20°49 | 21°33 | 24°58 | 23° 7 | 23° 3 | 16°10 | 12°12 | 0°D26 | 29°47 | 1°31 | 25°25 | S 7 |
| M 8 | 7 12 40 | 17°30'24 | 27°21 | 19°12 | 22° 2 | 21°43 | 25° 2 | 23°13 | 23° 6 | 16°11 | 12°14 | 0°R26 | 29°43 | 1°38 | 25°31 | M 8 |
| T 9 | 7 16 36 | 18°31'20 | 11831 | 20°46 | 23°16 | 21°53 | 25° 6 | 23°19 | 23°10 | 16°12 | 12°16 | 0°25 | 29°40 | 1°44 | 25°38 | T 9 |
| W10 | 7 20 33 | 19°32'17 | 25°45 | 22°21 | 24°29 | 22° 2 | 25°11 | 23°25 | 23°13 | 16°14 | 12°19 | 0°23 | 29°37 | 1°51 | 25°44 | W10 |
| T 11 | 7 24 29 | 20°33'15 | 10 I I 0 | 23°56 | 25°43 | 22°11 | 25°15 | 23°32 | 23°16 | 16°15 | 12°21 | 0°19 | 29°34 | 1°58 | 25°50 | T 11 |
| F 12 | 7 28 26 | 21°34'13 | 24°15 | 25°31 | 26°56 | 22°19 | 25°20 | 23°38 | 23°20 | 16°17 | 12°23 | 0°11 | 29°31 | 2° 4 | 25°57 | F 12 |
| S 13 | 7 32 22 | 22°35'11 | 8922 | 27° 7 | 28° 9 | 22°26 | 25°25 | 23°45 | 23°23 | 16°18 | 12°25 | 0° 1 | 29°27 | 2°11 | 26° 3 | S 13 |
| S 14 | 7 36 19 | 23°36'10 | 22°19 | 28°42 | 29°23 | 22°33 | 25°30 | 23°51 | 23°27 | 16°20 | 12°28 | 29 Υ 48 | 29°24 | 2°18 | 26° 9 | S 14 |
| M15 | 7 40 16 | 24°37'10 | 5 Ω 59 | 0≈18 | 0) €36 | 22°39 | 25°35 | 23°58 | 23°30 | 16°21 | 12°30 | 29°35 | 29°21 | 2°24 | 26°15 | M15 |
| T 16 | 7 44 12 | 25°38'10 | 19°20 | 1°54 | 1°49 | 22°44 | 25°41 | 24° 4 | 23°33 | 16°23 | 12°32 | 29°23 | 29°18 | 2°31 | 26°21 | T 16 |
| W17 | 7 48 9 | 26°39'10 | 2 Mp 20 | 3°30 | 3° 2 | 22°48 | 25°47 | 24°11 | 23°37 | 16°25 | 12°34 | 29°12 | 29°15 | 2°38 | 26°26 | W17 |
| T 18 | 7 52 5 | 27°40'11 | 14°58 | 5° 6 | 4°15 | 22°52 | 25°52 | 24°17 | 23°40 | 16°26 | 12°37 | 29° 3 | 29°12 | 2°44 | 26°32 | T 18 |
| F 19 | 7 56 2 | 28°41'13 | 27°18 | 6°43 | 5°28 | 22°55 | 25°58 | 24°24 | 23°43 | 16°28 | 12°39 | 28°58 | 29° 8 | 2°51 | 26°38 | F 19 |
| S 20 | 7 59 58 | 29°42'15 | 9 ≙ 22 | 8°19 | 6°41 | 22°57 | 26° 5 | 24°31 | 23°46 | 16°29 | 12°41 | 28°55 | 29° 5 | 2°57 | 26°43 | S 20 |
| S 21 | 8 3 55 | 0≈43'18 | 21°16 | 9°56 | 7°54 | 22°59 | 26°11 | 24°37 | 23°49 | 16°31 | 12°43 | 28°54 | 29° 2 | 3° 4 | 26°49 | S 21 |
| M22 | 8 7 51 | 1°44'21 | 3M 4 | 11°33 | 9° 7 | 22°R59 | 26°17 | 24°44 | 23°53 | 16°33 | 12°45 | 28°54 | 28°59 | 3°11 | 26°54 | M22 |
| T 23 | 8 11 48 | 2°45'25 | 14°52 | 13°10 | 10°20 | 22°59 | 26°24 | 24°51 | 23°56 | 16°35 | 12°47 | 28°54 | 28°56 | 3°17 | 26°59 | T 23 |
| W24 | 8 15 45 | 3°46'30 | 26°46 | 14°47 | 11°33 | 22°59 | 26°31 | 24°58 | 23°59 | 16°36 | 12°50 | 28°52 | 28°53 | 3°24 | 27° 5 | W24 |
| T 25 | 8 19 41 | 4°47'35 | 8 才 50 | 16°24 | 12°45 | 22°57 | 26°38 | 25° 5 | 24° 2 | 16°38 | 12°52 | 28°48 | 28°49 | 3°31 | 27°10 | T 25 |
| F 26 | 8 23 38 | 5°48'40 | 21°11 | 18° 1 | 13°58 | 22°55 | 26°45 | 25°11 | 24° 5 | 16°40 | 12°54 | 28°41 | 28°46 | 3°37 | 27°15 | F 26 |
| S 27 | 8 27 34 | 6°49'46 | 3 ⋜ 49 | 19°37 | 15°10 | 22°51 | 26°52 | 25°18 | 24° 8 | 16°42 | 12°56 | 28°31 | 28°43 | 3°44 | 27°20 | S 27 |
| S 28 | 8 31 31 | 7°50'52 | 16°49 | 21°14 | 16°23 | 22°47 | 27° 0 | 25°25 | 24°11 | 16°44 | 12°58 | 28°20 | 28°40 | 3°51 | 27°24 | S 28 |
| M29 | 8 35 27 | 8°51'58 | 0≈ 8 | 22°49 | 17°35 | 22°43 | 27° 8 | 25°32 | 24°14 | 16°46 | 13° 0 | 28° 6 | 28°37 | 3°57 | 27°29 | M29 |
| T 30 | 8 39 24 | 9°53'04 | 13°46 | 24°25 | 18°48 | 22°37 | 27°15 | 25°39 | 24°17 | 16°48 | 13° 2 | 27°53 | 28°33 | 4° 4 | 27°34 | T 30 |
| W31 | 8 43 20 | 10≈54'10 | 27 ≈ 38 | 25≈59 | 20 米 0 | 22 Mp 30 | 27 Y 23 | 25≈46 | 24 × ⁷ 20 | 16 ∺ 49 | 13 궁 4 | 27 ℃ 42 | 28 Y 30 | 4 M .11 | 27 M 38 | W31 |

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| Day | Sid.t | 0 | 9 | φ | · | ð | 4 | ħ | ፟፞፞፠ | ¥ | 2 | ß | Ω | ţ | κ _O | Day |
|------|----------|--------------------|-----------------|-----------------|----------------|----------------|----------------|-------|-----------------|------------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 8 47 17 | 11≈55'15 | 11) (41 | 27≈33 | 21 米 12 | 22°R23 | 27 Y 31 | 25≈53 | 24 × 122 | 16 米 51 | 13ට 6 | 27°R32 | 28 Y 27 | 4 M .17 | 27 M 43 | T 1 |
| F 2 | 8 51 14 | 12°56'21 | 25°51 | 29° 5 | 22°24 | 22 Mp 15 | 27°40 | 26° 0 | 24°25 | 16°53 | 13° 8 | 27 Y 26 | 28°24 | 4°24 | 27°47 | F 2 |
| S 3 | 8 55 10 | 13°57'26 | 10 Y 2 | 0 ∺ 35 | 23°36 | 22° 6 | 27°48 | 26° 7 | 24°28 | 16°55 | 13°10 | 27°23 | 28°21 | 4°30 | 27°51 | S 3 |
| S 4 | 8 59 7 | 14°58'30 | 24°13 | 2° 4 | 24°48 | 21°56 | 27°57 | 26°14 | 24°31 | 16°57 | 13°12 | 27°D22 | 28°18 | 4°37 | 27°56 | S 4 |
| M 5 | 9 3 3 | 15°59'34 | 8821 | 3°30 | 26° 0 | 21°46 | 28° 5 | 26°21 | 24°33 | 16°59 | 13°14 | 27°22 | 28°14 | 4°44 | 28° 0 | M 5 |
| T 6 | 9 7 0 | 17° 0'38 | 22°25 | 4°54 | 27°12 | 21°34 | 28°14 | 26°28 | 24°36 | 17° 1 | 13°16 | 27°R22 | 28°11 | 4°50 | 28° 3 | T 6 |
| W 7 | 9 10 56 | 18° 1'41 | 6 Ⅱ 24 | 6°14 | 28°24 | 21°22 | 28°23 | 26°35 | 24°38 | 17° 3 | 13°18 | 27°20 | 28° 8 | 4°57 | 28° 7 | W 7 |
| T 8 | 9 14 53 | 19° 2'43 | 20°19 | 7°31 | 29°35 | 21° 9 | 28°32 | 26°42 | 24°41 | 17° 5 | 13°20 | 27°17 | 28° 5 | 5° 4 | 28°11 | T 8 |
| F 9 | 9 18 50 | 20° 3'45 | 4 9 5 7 | 8°42 | 0 Ƴ 47 | 20°56 | 28°41 | 26°50 | 24°44 | 17° 8 | 13°22 | 27°10 | 28° 2 | 5°10 | 28°15 | F 9 |
| S 10 | 9 22 46 | 21° 4'46 | 17°47 | 9°49 | 1°58 | 20°41 | 28°51 | 26°57 | 24°46 | 17°10 | 13°24 | 27° 1 | 27°59 | 5°17 | 28°18 | S 10 |
| S 11 | 9 26 43 | 22° 5'47 | 1 Ω 17 | 10°49 | 3°10 | 20°26 | 29° 0 | 27° 4 | 24°48 | 17°12 | 13°26 | 26°50 | 27°55 | 5°24 | 28°22 | S 11 |
| M12 | 9 30 39 | 23° 6'47 | 14°34 | 11°42 | 4°21 | 20°10 | 29°10 | 27°11 | 24°51 | 17°14 | 13°28 | 26°39 | 27°52 | 5°30 | 28°25 | M12 |
| T 13 | 9 34 36 | 24° 7'46 | 27°37 | 12°28 | 5°32 | 19°53 | 29°20 | 27°18 | 24°53 | 17°16 | 13°30 | 26°27 | 27°49 | 5°37 | 28°28 | T 13 |
| W14 | 9 38 32 | 25° 8'45 | 10 m 23 | 13° 5 | 6°43 | 19°36 | 29°30 | 27°25 | 24°56 | 17°18 | 13°31 | 26°18 | 27°46 | 5°44 | 28°31 | W14 |
| T 15 | 9 42 29 | 26° 9'43 | 22°53 | 13°32 | 7°54 | 19°18 | 29°40 | 27°32 | 24°58 | 17°20 | 13°33 | 26°10 | 27°43 | 5°50 | 28°34 | T 15 |
| F 16 | 9 46 25 | 27°10'41 | 5 ₾ 8 | 13°49 | 9° 4 | 18°59 | 29°50 | 27°39 | 25° 0 | 17°22 | 13°35 | 26° 5 | 27°39 | 5°57 | 28°37 | F 16 |
| S 17 | 9 50 22 | 28°11'38 | 17°10 | 13°R55 | 10°15 | 18°40 | 0 8 0 | 27°47 | 25° 2 | 17°25 | 13°37 | 26° 3 | 27°36 | 6° 4 | 28°40 | S 17 |
| S 18 | 9 54 18 | 29°12'35 | 29° 3 | 13°50 | 11°26 | 18°20 | 0°10 | 27°54 | 25° 4 | 17°27 | 13°39 | 26°D 2 | 27°33 | 6°10 | 28°43 | S 18 |
| M19 | 9 58 15 | 0) (13′31 | 10 M 51 | 13°33 | 12°36 | 18° 0 | 0°21 | 28° 1 | 25° 6 | 17°29 | 13°40 | 26° 3 | 27°30 | 6°17 | 28°45 | M19 |
| T 20 | 10 2 12 | 1°14'27 | 22°39 | 13° 5 | 13°46 | 17°39 | 0°32 | 28° 8 | 25° 8 | 17°31 | 13°42 | 26° 4 | 27°27 | 6°23 | 28°47 | T 20 |
| W21 | 10 6 8 | 2°15'22 | 4 ₹ 32 | 12°26 | 14°56 | 17°18 | 0°42 | 28°15 | 25°10 | 17°33 | 13°44 | 26°R 4 | 27°24 | 6°30 | 28°50 | W21 |
| T 22 | 10 10 5 | 3°16'17 | 16°37 | 11°38 | 16° 6 | 16°56 | 0°53 | 28°22 | 25°12 | 17°36 | 13°45 | 26° 3 | 27°20 | 6°37 | 28°52 | T 22 |
| F 23 | 10 14 1 | 4°17'11 | 28°57 | 10°40 | 17°16 | 16°34 | 1° 4 | 28°29 | 25°14 | 17°38 | 13°47 | 26° 0 | 27°17 | 6°43 | 28°54 | F 23 |
| S 24 | 10 17 58 | 5°18'05 | 11 る 38 | 9°36 | 18°26 | 16°11 | 1°15 | 28°37 | 25°16 | 17°40 | 13°48 | 25°55 | 27°14 | 6°50 | 28°56 | S 24 |
| S 25 | 10 21 54 | 6°18'58 | 24°42 | 8°26 | 19°35 | 15°48 | 1°26 | 28°44 | 25°18 | 17°42 | 13°50 | 25°48 | 27°11 | 6°57 | 28°58 | S 25 |
| M26 | 10 25 51 | 7°19'50 | 8≈10 | 7°13 | 20°45 | 15°25 | 1°37 | 28°51 | 25°20 | 17°45 | 13°52 | 25°39 | 27° 8 | 7° 3 | 29° 0 | M26 |
| T 27 | 10 29 48 | 8°20'42 | 22° 3 | 6° 0 | 21°54 | 15° 1 | 1°49 | 28°58 | 25°21 | 17°47 | 13°53 | 25°31 | 27° 5 | 7°10 | 29° 1 | T 27 |
| W28 | 10 33 44 | 9 米 21'32 | 6 ¥ 15 | 4) (47 | 23 ° 3 | 14 m 38 | 2 8 0 | 29≈ 5 | 25 × 23 | 17) (49 | 13 る 55 | 25 Y 23 | 27 Y 1 | 7 M .17 | 29M 3 | W28 |

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|------|----------|-------------------|------------------|------------------|----------------|----------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|------|
| T 1 | 10 37 41 | 10 米 22'21 | 20) (43 | 3°R38 | 24 Y 12 | 14°R14 | 2 8 12 | 29≈12 | 25 × 25 | 17) 51 | 13 る 56 | 25°R17 | 26 Y 58 | 7 M 23 | 29M 4 | T 1 |
| F 2 | 10 41 37 | 11°23'10 | 5 Υ 20 | 2) (33 | 25°21 | 13 Mp 50 | 2°23 | 29°19 | 25°26 | 17°54 | 13°57 | 25 Y 13 | 26°55 | 7°30 | 29° 6 | F 2 |
| S 3 | 10 45 34 | 12°23'56 | 19°59 | 1°34 | 26°29 | 13°26 | 2°35 | 29°26 | 25°28 | 17°56 | 13°59 | 25°D12 | 26°52 | 7°37 | 29° 7 | S 3 |
| S 4 | 10 49 30 | 13°24'42 | 4 8 33 | 0°42 | 27°38 | 13° 2 | 2°47 | 29°33 | 25°29 | 17°58 | 14° 0 | 25°12 | 26°49 | 7°43 | 29° 8 | S 4 |
| M 5 | 10 53 27 | 14°25'26 | 18°59 | 29≈57 | 28°46 | 12°38 | 2°59 | 29°40 | 25°30 | 18° 0 | 14° 2 | 25°13 | 26°45 | 7°50 | 29° 9 | M 5 |
| T 6 | 10 57 23 | 15°26'09 | 3 Ⅱ 13 | 29°21 | 29°54 | 12°14 | 3°11 | 29°47 | 25°32 | 18° 3 | 14° 3 | 25°15 | 26°42 | 7°56 | 29° 9 | T 6 |
| W 7 | 11 1 20 | 16°26'51 | 17°13 | 28°52 | 18 2 | 11°50 | 3°23 | 29°54 | 25°33 | 18° 5 | 14° 4 | 25°R15 | 26°39 | 8° 3 | 29°10 | W 7 |
| T 8 | 11 5 16 | 17°27'31 | 199 0 | 28°32 | 2° 9 | 11°26 | 3°35 | 0 ∀ 1 | 25°34 | 18° 7 | 14° 5 | 25°14 | 26°36 | 8°10 | 29°11 | T 8 |
| F 9 | 11 9 13 | 18°28'09 | 14°32 | 28°19 | 3°17 | 11° 3 | 3°47 | 0° 8 | 25°36 | 18° 9 | 14° 7 | 25°12 | 26°33 | 8°16 | 29°11 | F 9 |
| S 10 | 11 13 10 | 19°28'45 | 27°52 | 28°D15 | 4°24 | 10°40 | 4° 0 | 0°15 | 25°37 | 18°12 | 14° 8 | 25° 7 | 26°30 | 8°23 | 29°12 | S 10 |
| S 11 | 11 17 6 | 20°29'21 | 10 Ω 58 | 28°17 | 5°31 | 10°17 | 4°12 | 0°22 | 25°38 | 18°14 | 14° 9 | 25° 2 | 26°26 | 8°30 | 29°12 | S 11 |
| M12 | 11 21 3 | 21°29'54 | 23°51 | 28°26 | 6°38 | 9°55 | 4°25 | 0°28 | 25°39 | 18°16 | 14°10 | 24°56 | 26°23 | 8°36 | 29°12 | M12 |
| T 13 | 11 24 59 | 22°30'26 | 6 m /31 | 28°41 | 7°44 | 9°33 | 4°37 | 0°35 | 25°40 | 18°19 | 14°11 | 24°50 | 26°20 | 8°43 | 29°R12 | T 13 |
| W14 | 11 28 56 | 23°30'56 | 18°59 | 29° 2 | 8°51 | 9°11 | 4°50 | 0°42 | 25°41 | 18°21 | 14°12 | 24°45 | 26°17 | 8°50 | 29°12 | W14 |
| T 15 | 11 32 52 | 24°31'25 | 1 ≏ 15 | 29°29 | 9°57 | 8°50 | 5° 3 | 0°49 | 25°42 | 18°23 | 14°13 | 24°41 | 26°14 | 8°56 | 29°12 | T 15 |
| F 16 | 11 36 49 | 25°31'53 | 13°21 | 0) 1 | 11° 2 | 8°29 | 5°15 | 0°55 | 25°42 | 18°25 | 14°15 | 24°39 | 26°10 | 9° 3 | 29°11 | F 16 |
| S 17 | 11 40 45 | 26°32'19 | 25°18 | 0°37 | 12° 8 | 8° 9 | 5°28 | 1° 2 | 25°43 | 18°28 | 14°16 | 24°D39 | 26° 7 | 9°10 | 29°11 | S 17 |
| S 18 | 11 44 42 | 27°32'44 | 7 M 9 | 1°18 | 13°13 | 7°49 | 5°41 | 1° 9 | 25°44 | 18°30 | 14°16 | 24°39 | 26° 4 | 9°16 | 29°10 | S 18 |
| M19 | 11 48 39 | 28°33'07 | 18°56 | 2° 3 | 14°18 | 7°30 | 5°54 | 1°15 | 25°44 | 18°32 | 14°17 | 24°41 | 26° 1 | 9°23 | 29°10 | M19 |
| T 20 | 11 52 35 | 29°33'30 | 0 ∡ 745 | 2°51 | 15°23 | 7°12 | 6° 7 | 1°22 | 25°45 | 18°34 | 14°18 | 24°43 | 25°58 | 9°30 | 29° 9 | T 20 |
| W21 | 11 56 32 | 0 Ƴ 33'51 | 12°38 | 3°43 | 16°27 | 6°54 | 6°20 | 1°29 | 25°46 | 18°37 | 14°19 | 24°44 | 25°55 | 9°36 | 29° 8 | W21 |
| T 22 | 12 0 28 | 1°34'10 | 24°41 | 4°38 | 17°31 | 6°37 | 6°34 | 1°35 | 25°46 | 18°39 | 14°20 | 24°45 | 25°51 | 9°43 | 29° 7 | T 22 |
| F 23 | 12 4 25 | 2°34'28 | 6 궁 59 | 5°36 | 18°35 | 6°21 | 6°47 | 1°42 | 25°47 | 18°41 | 14°21 | 24°R45 | 25°48 | 9°49 | 29° 6 | F 23 |
| S 24 | 12 8 21 | 3°34'45 | 19°36 | 6°36 | 19°39 | 6° 5 | 7° 0 | 1°48 | 25°47 | 18°43 | 14°22 | 24°45 | 25°45 | 9°56 | 29° 4 | S 24 |
| S 25 | 12 12 18 | 4°35'01 | 2≈36 | 7°40 | 20°42 | 5°50 | 7°13 | 1°55 | 25°47 | 18°46 | 14°22 | 24°43 | 25°42 | 10° 3 | 29° 3 | S 25 |
| M26 | 12 16 14 | 5°35'15 | 16° 2 | 8°45 | 21°45 | 5°36 | 7°27 | 2° 1 | 25°47 | 18°48 | 14°23 | 24°40 | 25°39 | 10° 9 | 29° 2 | M26 |
| T 27 | 12 20 11 | 6°35'28 | 29°56 | 9°53 | 22°47 | 5°22 | 7°40 | 2° 7 | 25°48 | 18°50 | 14°24 | 24°38 | 25°36 | 10°16 | 29° 0 | T 27 |
| W28 | 12 24 8 | 7°35'39 | 14) (14 | 11° 3 | 23°49 | 5° 9 | 7°54 | 2°14 | 25°48 | 18°52 | 14°24 | 24°35 | 25°32 | 10°23 | 28°58 | W28 |
| T 29 | 12 28 4 | 8°35'48 | 28°54 | 12°15 | 24°51 | 4°57 | 8° 8 | 2°20 | 25°48 | 18°54 | 14°25 | 24°33 | 25°29 | 10°29 | 28°57 | T 29 |
| F 30 | 12 32 1 | 9°35'56 | 13 Y 49 | 13°29 | 25°53 | 4°46 | 8°21 | 2°26 | 25°R48 | 18°57 | 14°26 | 24°32 | 25°26 | 10°36 | 28°55 | F 30 |
| S 31 | 12 35 57 | 10 Y 36'02 | 28 Y 51 | 14) (44 | 26 8 54 | 4 Mp 36 | 8 8 35 | 2 ∺ 32 | 25 ∡ 48 | 18 米 59 | 14 궁 26 | 24°D32 | 25 Y 23 | 10 ML 43 | 28 M 53 | S 31 |

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| S 1 | 12 39 54 | 11 Y 36'06 | 13 8 50 | 16) 1 | 27 8 54 | 4°R26 | 8 8 49 | 2 ∺ 38 | 25°R48 | 19) 1 | 14 궁 27 | 24 Y 33 | 25 Y 20 | 10 M .49 | 28°R51 | S 1 |
| M 2 | 12 43 50 | 12°36'08 | 28°40 | 17°20 | 28°55 | 4 Mp 17 | 9° 2 | 2°44 | 25 ∡ 148 | 19° 3 | 14°27 | 24°34 | 25°16 | 10°56 | 28 M .48 | M 2 |
| T 3 | 12 47 47 | 13°36'09 | 13 Ⅱ 13 | 18°41 | 29°54 | 4° 9 | 9°16 | 2°50 | 25°48 | 19° 5 | 14°28 | 24°35 | 25°13 | 11° 3 | 28°46 | T 3 |
| W 4 | 12 51 43 | 14°36'07 | 27°27 | 20° 3 | 0 Ⅱ 54 | 4° 2 | 9°30 | 2°56 | 25°47 | 19° 7 | 14°28 | 24°35 | 25°10 | 11° 9 | 28°44 | W 4 |
| T 5 | 12 55 40 | 15°36'03 | 119519 | 21°26 | 1°53 | 3°55 | 9°44 | 3° 2 | 25°47 | 19° 9 | 14°28 | 24°R36 | 25° 7 | 11°16 | 28°41 | T 5 |
| F 6 | 12 59 37 | 16°35'57 | 24°49 | 22°51 | 2°51 | 3°50 | 9°58 | 3° 8 | 25°47 | 19°11 | 14°29 | 24°36 | 25° 4 | 11°23 | 28°39 | F 6 |
| S 7 | 13 3 33 | 17°35'49 | 7 Ω 59 | 24°18 | 3°49 | 3°45 | 10°12 | 3°14 | 25°46 | 19°13 | 14°29 | 24°35 | 25° 1 | 11°29 | 28°36 | S 7 |
| S 8 | 13 730 | 18°35'38 | 20°51 | 25°45 | 4°46 | 3°41 | 10°26 | 3°19 | 25°46 | 19°16 | 14°29 | 24°35 | 24°57 | 11°36 | 28°33 | S 8 |
| M 9 | 13 11 26 | 19°35'26 | 3 m) 27 | 27°14 | 5°43 | 3°37 | 10°40 | 3°25 | 25°46 | 19°18 | 14°30 | 24°34 | 24°54 | 11°43 | 28°30 | M 9 |
| T 10 | 13 15 23 | 20°35'11 | 15°49 | 28°45 | 6°40 | 3°35 | 10°54 | 3°31 | 25°45 | 19°20 | 14°30 | 24°33 | 24°51 | 11°49 | 28°27 | T 10 |
| W11 | 13 19 19 | 21°34'54 | 28° 1 | 0 Υ 16 | 7°36 | 3°33 | 11°8 | 3°36 | 25°44 | 19°22 | 14°30 | 24°33 | 24°48 | 11°56 | 28°24 | W11 |
| T 12 | 13 23 16 | 22°34'35 | 10 ♀ 4 | 1°49 | 8°31 | 3°32 | 11°22 | 3°42 | 25°44 | 19°24 | 14°30 | 24°33 | 24°45 | 12° 2 | 28°21 | T 12 |
| F 13 | 13 27 12 | 23°34'15 | 22° 0 | 3°24 | 9°25 | 3°D31 | 11°36 | 3°47 | 25°43 | 19°26 | 14°30 | 24°D33 | 24°42 | 12° 9 | 28°18 | F 13 |
| S 14 | 13 31 9 | 24°33'52 | 3 M .51 | 4°59 | 10°19 | 3°32 | 11°51 | 3°53 | 25°42 | 19°28 | 14°30 | 24°R33 | 24°38 | 12°16 | 28°15 | S 14 |
| S 15 | 13 35 5 | 25°33'28 | 15°40 | 6°36 | 11°13 | 3°33 | 12° 5 | 3°58 | 25°42 | 19°29 | 14°30 | 24°33 | 24°35 | 12°22 | 28°11 | S 15 |
| M16 | 13 39 2 | 26°33'01 | 27°28 | 8°14 | 12° 5 | 3°35 | 12°19 | 4° 3 | 25°41 | 19°31 | 14°R30 | 24°32 | 24°32 | 12°29 | 28° 8 | M16 |
| T 17 | 13 42 59 | 27°32'33 | 9 ₹ 19 | 9°54 | 12°57 | 3°37 | 12°33 | 4° 8 | 25°40 | 19°33 | 14°30 | 24°32 | 24°29 | 12°36 | 28° 5 | T 17 |
| W18 | 13 46 55 | 28°32'03 | 21°15 | 11°35 | 13°48 | 3°40 | 12°48 | 4°14 | 25°39 | 19°35 | 14°30 | 24°32 | 24°26 | 12°42 | 28° 1 | W18 |
| T 19 | 13 50 52 | 29°31'32 | 3 る 20 | 13°17 | 14°39 | 3°44 | 13° 2 | 4°19 | 25°38 | 19°37 | 14°30 | 24°31 | 24°22 | 12°49 | 27°57 | T 19 |
| F 20 | 13 54 48 | 0 8 30'59 | 15°37 | 15° 0 | 15°29 | 3°49 | 13°16 | 4°24 | 25°37 | 19°39 | 14°30 | 24°31 | 24°19 | 12°56 | 27°54 | F 20 |
| S 21 | 13 58 45 | 1°30'24 | 28°11 | 16°45 | 16°18 | 3°54 | 13°31 | 4°29 | 25°36 | 19°41 | 14°30 | 24°D30 | 24°16 | 13° 2 | 27°50 | S 21 |
| S 22 | 14 241 | 2°29'47 | 11≈ 6 | 18°31 | 17° 6 | 4° 0 | 13°45 | 4°33 | 25°35 | 19°42 | 14°30 | 24°31 | 24°13 | 13° 9 | 27°46 | S 22 |
| M23 | 14 6 38 | 3°29'09 | 24°24 | 20°19 | 17°53 | 4° 6 | 14° 0 | 4°38 | 25°34 | 19°44 | 14°30 | 24°31 | 24°10 | 13°16 | 27°42 | M23 |
| T 24 | 14 10 34 | 4°28'29 | 8) 8 | 22° 7 | 18°39 | 4°14 | 14°14 | 4°43 | 25°32 | 19°46 | 14°29 | 24°32 | 24° 7 | 13°22 | 27°38 | T 24 |
| W25 | 14 14 31 | 5°27'47 | 22°19 | 23°58 | 19°25 | 4°21 | 14°28 | 4°48 | 25°31 | 19°48 | 14°29 | 24°33 | 24° 3 | 13°29 | 27°34 | W25 |
| T 26 | 14 18 28 | 6°27'04 | 6 Υ 55 | 25°49 | 20° 9 | 4°30 | 14°43 | 4°52 | 25°30 | 19°49 | 14°29 | 24°33 | 24° 0 | 13°36 | 27°30 | T 26 |
| F 27 | 14 22 24 | 7°26'18 | 21°52 | 27°42 | 20°53 | 4°39 | 14°57 | 4°57 | 25°28 | 19°51 | 14°28 | 24°R34 | 23°57 | 13°42 | 27°26 | F 27 |
| S 28 | 14 26 21 | 8°25'31 | 7 と 1 | 29°37 | 21°35 | 4°48 | 15°12 | 5° 1 | 25°27 | 19°53 | 14°28 | 24°34 | 23°54 | 13°49 | 27°22 | S 28 |
| S 29 | 14 30 17 | 9°24'42 | 22°14 | 1833 | 22°17 | 4°58 | 15°26 | 5° 6 | 25°25 | 19°54 | 14°28 | 24°33 | 23°51 | 13°56 | 27°17 | S 29 |
| M30 | 14 34 14 | 10823'51 | 7 Ⅲ 21 | 3830 | 22 II 57 | 5 mg 9 | 15841 | 5 ₩10 | 25 × 24 | 19) 56 | 14327 | 24 Υ 31 | 23 Y 48 | 14 m 2 | 27 m 13 | M30 |

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|--------------|----------------------|------------------------------|---|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|--------------|
| T 1 | 14 38 10 | 11822'58 | 22 I I3 | 5 8 29 | 23耳36 | 5 Mp 20 | 15 8 55 | 5) 14 | 25°R22 | 19 米 58 | 14°R27 | 24°R29 | 23 Y 44 | 14 M 9 | 27°R 9 | T 1 |
| W 2 | 14 42 7 | 12°22'03 | 69644 | 7°28 | 24°14 | 5°32 | 16°10 | 5°18 | 25 × 21 | 19°59 | 14 궁 26 | 24 Y 27 | 23°41 | 14°16 | 27 m 4 | W 2 |
| T 3 | 14 46 3 | 13°21'05 | 20°48 | 9°30 | 24°51 | 5°44 | 16°24 | 5°22 | 25°19 | 20° 1 | 14°26 | 24°25 | 23°38 | 14°22 | 27° 0 | T 3 |
| F 4 | 14 50 0 | 14°20'06 | 4 Ω 25 | 11°32 | 25°26 | 5°57 | 16°39 | 5°26 | 25°18 | 20° 2 | 14°25 | 24°24 | 23°35 | 14°29 | 26°56 | F 4 |
| S 5 | 14 53 57 | 15°19'04 | 17°37 | 13°35 | 26° 0 | 6°11 | 16°53 | 5°30 | 25°16 | 20° 4 | 14°25 | 24°D23 | 23°32 | 14°35 | 26°51 | S 5 |
| S 6 | 14 57 53 | 16°17'59 | 0 m ,25 | 15°40 | 26°33 | 6°24 | 17° 8 | 5°34 | 25°14 | 20° 5 | 14°24 | 24°24 | 23°28 | 14°42 | 26°47 | S 6 |
| M 7 | 15 1 50 | 17°16'53 | 12°53 | 17°45 | 27° 4 | 6°39 | 17°22 | 5°38 | 25°12 | 20° 7 | 14°23 | 24°25 | 23°25 | 14°49 | 26°42 | M 7 |
| T 8 | 15 5 46 | 18°15'44 | 25° 6 | 19°51 | 27°33 | 6°53 | 17°37 | 5°41 | 25°11 | 20° 8 | 14°23 | 24°27 | 23°22 | 14°55 | 26°38 | T 8 |
| W 9 | 15 9 43 | 19°14'33 | 7 <u>₽</u> 7 | 21°58 | 28° 1 | 7° 9 | 17°51 | 5°45 | 25° 9 | 20°10 | 14°22 | 24°29 | 23°19 | 15° 2 | 26°33 | W 9 |
| T 10 F 11 | 15 13 39 15 17 36 | 20°13'20 21°12'05 | 19° 1 0 M .50 | 24° 5 26°12 | 28°28 28°52 | 7°24 7°41 | 18° 6 18°20 | 5°48 5°52 | 25° 7 25° 5 | 20°11 20°12 | 14°21 14°20 | 24°R30 24°29 | 23°16 23°13 | 15° 9 15°15 | 26°28 26°24 | T 10 F 11 |
| S 12 | 15 1 / 36 | 21°12'03 22°10'48 | 12°38 | 28°12 | 28°52 29°15 | 7°57 | 18°20 18°35 | 5°52 5°55 | 25° 3 | 20°12 20°14 | 14°20 | 24°29 24°28 | 23° 13 | 15°22 | 26°24 26°19 | S 12 |
| | | | | | | | | | | | | | | | | |
| S 13 | 15 25 29 | 23° 9'29 | 24°27 | 0П26 | 29°36 | 8°14 | 18°49 | 5°58 | 25° 1 | 20°15 | 14°19 | 24°25 | 23° 6 | 15°29 | 26°15 | S 13 |
| M14 | 15 29 26 | 24° 8'08 | 6 ₹ 19 | 2°31 | 29°55 | 8°32 | 19° 4 | 6° 1 | 24°59 | 20°16 | 14°18 | 24°21 | 23° 3 | 15°35 | 26°10 | M14 |
| T 15 W16 | 15 33 22 15 37 19 | 25° 6'46 26° 5'22 | 18°15 0 궁 19 | 4°36 6°39 | 09513 0°28 | 8°49 9°8 | 19°18 19°33 | 6° 4 6° 7 | 24°57 24°55 | 20°17 20°19 | 14°17 14°16 | 24°16 24°10 | 23° 0 | 15°42 15°49 | 26° 5 26° 1 | T 15 W16 |
| T 17 | 15 37 19 | 26° 3'22 27° 3'56 | 12°31 | 8°41 | 0°28 0°41 | 9° 8 9°26 | 19°33 | 6°10 | 24°53 | 20°19 20°20 | 14°16 | 24° 10 24° 5 | 22°57 22°54 | 15°55 | 25°56 | T 17 |
| F 18 | 15 45 12 | 28° 2'28 | 24°54 | 10°41 | 0°52 | 9°45 | 20° 2 | 6°13 | 24°51 | 20°21 | 14°14 | 24° 0 | 22°50 | 16° 2 | 25°51 | F 18 |
| S 19 | 15 49 8 | 29° 0'59 | 7 ≈ 31 | 12°38 | 1° 1 | 10° 5 | 20°16 | 6°16 | 24°49 | 20°22 | 14°13 | 23°57 | 22°47 | 16° 9 | 25°47 | S 19 |
| | | | | | | | | | | | | | | | | |
| S 20 M21 | 15 53 5 15 57 1 | 29°59'28 0 Ⅲ 57'56 | 20°24 3 ∺ 37 | 14°32 16°24 | 1° 8 1°12 | 10°24 10°44 | 20°30 20°45 | 6°18 6°21 | 24°46 24°44 | 20°23 20°24 | 14°12 14°11 | 23°55 23°D54 | 22°44 22°41 | 16°15 16°22 | 25°42 25°38 | S 20 M21 |
| T 22 | 16 0 58 | 1°56'22 | 17°12 | 18°13 | 1°R14 | 10 44 11° 5 | 20°59 | 6°23 | 24°42 | 20°25 | 14°10 | 23°55 | 22°38 | 16°22 | 25°33 | T 22 |
| W23 | 16 4 55 | 2°54'47 | 1^{γ} 1^{2} 1^{γ} 1^{2} | 19°58 | 1°14 | 11°26 | 20°39 | 6°26 | 24°40 | 20°26 | 14° 10 | 23°56 | 22°34 | 16°35 | 25°28 | W23 |
| T 24 | 16 8 51 | 3°53'10 | 15°32 | 21°40 | 1°11 | 11°47 | 21°28 | 6°28 | 24°37 | 20°27 | 14° 8 | 23°58 | 22°31 | 16°42 | 25°24 | T 24 |
| F 25 | 16 12 48 | 4°51'32 | 0816 | 23°18 | 1° 6 | 12° 8 | 21°42 | 6°30 | 24°35 | 20°28 | 14° 7 | 23°R58 | 22°28 | 16°49 | 25°19 | F 25 |
| S 26 | 16 16 44 | 5°49'52 | 15°16 | 24°53 | 0°58 | 12°30 | 21°57 | 6°32 | 24°33 | 20°29 | 14° 6 | 23°56 | 22°25 | 16°55 | 25°15 | S 26 |
| S 27 | 16 20 41 | 6°48'11 | 0П25 | 26°23 | 0°48 | 12°52 | 22°11 | 6°34 | 24°30 | 20°30 | 14° 5 | 23°52 | 22°22 | 17° 2 | 25°10 | S 27 |
| M28 | 16 24 37 | 7°46'28 | 15°34 | 27°50 | 0°36 | 13°14 | 22°25 | 6°36 | 24°28 | 20°31 | 14° 4 | 23°47 | 22°19 | 17° 9 | 25° 6 | M28 |
| T 29 | 16 28 34 | 8°44'43 | 0933 | 29°12 | 0°21 | 13°37 | 22°39 | 6°38 | 24°26 | 20°31 | 14° 2 | 23°40 | 22°15 | 17°15 | 25° 2 | T 29 |
| W30 | 16 32 31 | 9°42'57 | 15°13 | 0930 | 0° 4 | 14° 0 | 22°53 | 6°39 | 24°23 | 20°32 | 14° 1 | 23°33 | 22°12 | 17°22 | 24°57 | W30 |
| T 31 | 16 36 27 | 10 Ⅱ 41′09 | 299527 | 19945 | 29∏45 | 14 M 23 | 23 8 8 | 6) €41 | 24 × 121 | 20 ∺ 33 | 14る 0 | 23 Y 27 | 22 Y 9 | 17 M 29 | 24M53 | T 31 |

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| Day | Sid.t | 0 | D | φ | φ | ð | 4 | ħ |)f(| ¥ | Р | ß | ಬ | Ç | Š | Day |
| F 1 | 16 40 24 | 11 II 39'19 | 13 Ω 13 | 2954 | 29°R23 | 14 m) 47 | 23822 | 6) €42 | 24°R19 | 20) 34 | 13°R59 | 23°R22 | 22 Y 6 | 17 M 35 | 24°R48 | F 1 |
| S 2 | 16 44 20 | 12°37'27 | 26°30 | 4° 0 | 28 II 59 | 15°11 | 23°36 | 6°44 | 24 × 16 | 20°34 | 13 る 57 | 23 Y 19 | 22° 3 | 17°42 | 24 M .44 | S 2 |
| S 3 | 16 48 17 | 13°35'33 | 9 m /20 | 5° 1 | 28°33 | 15°35 | 23°50 | 6°45 | 24°14 | 20°35 | 13°56 | 23°D17 | 22° 0 | 17°49 | 24°40 | S 3 |
| M 4 | 16 52 13 | 14°33'37 | 21°48 | 5°57 | 28° 5 | 15°59 | 24° 4 | 6°46 | 24°11 | 20°36 | 13°55 | 23°17 | 21°56 | 17°55 | 24°36 | M 4 |
| T 5 | 16 56 10 | 15°31'39 | 3 ₾ 59 | 6°49 | 27°35 | 16°24 | 24°18 | 6°47 | 24° 9 | 20°36 | 13°53 | 23°18 | 21°53 | 18° 2 | 24°32 | T 5 |
| W 6 | 17 0 6 | 16°29'40 | 15°57 | 7°36 | 27° 3 | 16°49 | 24°32 | 6°48 | 24° 6 | 20°37 | 13°52 | 23°19 | 21°50 | 18° 9 | 24°28 | W 6 |
| T 7 | 17 4 3 | 17°27'38 | 27°47 | 8°19 | 26°30 | 17°14 | 24°46 | 6°49 | 24° 4 | 20°37 | 13°51 | 23°R20 | 21°47 | 18°15 | 24°24 | T 7 |
| F 8 | 17 8 0 | 18°25'36 | 9 M 34 | 8°57 | 25°55 | 17°39 | 25° 0 | 6°50 | 24° 1 | 20°38 | 13°49 | 23°18 | 21°44 | 18°22 | 24°20 | F 8 |
| S 9 | 17 11 56 | 19°23'31 | 21°22 | 9°30 | 25°20 | 18° 5 | 25°14 | 6°51 | 23°59 | 20°38 | 13°48 | 23°14 | 21°40 | 18°29 | 24°16 | S 9 |
| S 10 | 17 15 53 | 20°21'25 | 3 ∡ 14 | 9°58 | 24°43 | 18°31 | 25°27 | 6°51 | 23°56 | 20°39 | 13°47 | 23° 8 | 21°37 | 18°35 | 24°12 | S 10 |
| M11 | 17 19 49 | 21°19'18 | 15°12 | 10°21 | 24° 6 | 18°57 | 25°41 | 6°52 | 23°54 | 20°39 | 13°45 | 23° 0 | 21°34 | 18°42 | 24° 8 | M11 |
| T 12 | 17 23 46 | 22°17'09 | 27°17 | 10°39 | 23°28 | 19°23 | 25°55 | 6°52 | 23°51 | 20°39 | 13°44 | 22°50 | 21°31 | 18°48 | 24° 5 | T 12 |
| W13 | 17 27 42 | 23°14'59 | 9 云 33 | 10°53 | 22°51 | 19°50 | 26° 8 | 6°53 | 23°49 | 20°40 | 13°42 | 22°39 | 21°28 | 18°55 | 24° 1 | W13 |
| T 14 | 17 31 39 | 24°12'47 | 21°58 | 11° 1 | 22°13 | 20°17 | 26°22 | 6°53 | 23°46 | 20°40 | 13°41 | 22°28 | 21°25 | 19° 2 | 23°57 | T 14 |
| F 15 | 17 35 35 | 25°10'35 | 4≈34 | 11°R 5 | 21°36 | 20°44 | 26°36 | 6°53 | 23°44 | 20°40 | 13°39 | 22°18 | 21°21 | 19°8 | 23°54 | F 15 |
| S 16 | 17 39 32 | 26° 8'21 | 17°22 | 11° 4 | 20°59 | 21°11 | 26°49 | 6°R53 | 23°41 | 20°40 | 13°38 | 22°10 | 21°18 | 19°15 | 23°50 | S 16 |
| S 17 | 17 43 29 | 27° 6'06 | 0 ∺ 23 | 10°59 | 20°23 | 21°38 | 27° 3 | 6°53 | 23°39 | 20°41 | 13°36 | 22° 5 | 21°15 | 19°22 | 23°47 | S 17 |
| M18 | 17 47 25 | 28° 3'50 | 13°38 | 10°49 | 19°48 | 22° 6 | 27°16 | 6°53 | 23°36 | 20°41 | 13°35 | 22° 2 | 21°12 | 19°28 | 23°44 | M18 |
| T 19 | 17 51 22 | 29° 1'33 | 27°10 | 10°35 | 19°15 | 22°34 | 27°29 | 6°52 | 23°34 | 20°41 | 13°33 | 22°D 1 | 21° 9 | 19°35 | 23°41 | T 19 |
| W20 | 17 55 18 | 29°59'15 | 11 Y 0 | 10°17 | 18°42 | 23° 2 | 27°43 | 6°52 | 23°31 | 20°41 | 13°32 | 22° 1 | 21° 6 | 19°42 | 23°38 | W20 |
| T 21 | 17 59 15 | 0956'56 | 25° 8 | 9°56 | 18°12 | 23°30 | 27°56 | 6°52 | 23°29 | 20°41 | 13°30 | 22°R 1 | 21° 2 | 19°48 | 23°34 | T 21 |
| F 22 | 18 3 11 | 1°54'37 | 9 8 34 | 9°31 | 17°43 | 23°58 | 28° 9 | 6°51 | 23°26 | 20°R41 | 13°29 | 22° 0 | 20°59 | 19°55 | 23°32 | F 22 |
| S 23 | 18 7 8 | 2°52'16 | 24°16 | 9° 4 | 17°16 | 24°27 | 28°22 | 6°50 | 23°24 | 20°41 | 13°27 | 21°57 | 20°56 | 20° 2 | 23°29 | S 23 |
| S 24 | 18 11 4 | 3°49'55 | 9耳 8 | 8°34 | 16°52 | 24°55 | 28°36 | 6°50 | 23°21 | 20°41 | 13°26 | 21°51 | 20°53 | 20° 8 | 23°26 | S 24 |
| M25 | 18 15 1 | 4°47'33 | 24° 2 | 8° 3 | 16°29 | 25°24 | 28°49 | 6°49 | 23°19 | 20°41 | 13°24 | 21°43 | 20°50 | 20°15 | 23°23 | M25 |
| T 26 | 18 18 58 | 5°45'10 | 8951 | 7°30 | 16° 8 | 25°53 | 29° 2 | 6°48 | 23°16 | 20°41 | 13°22 | 21°33 | 20°46 | 20°22 | 23°21 | T 26 |
| W27 | 18 22 54 | 6°42'46 | 23°26 | 6°57 | 15°50 | 26°23 | 29°15 | 6°47 | 23°14 | 20°41 | 13°21 | 21°22 | 20°43 | 20°28 | 23°18 | W27 |
| T 28 | 18 26 51 | 7°40'20 | $7\Omega_{39}$ | 6°23 | 15°35 | 26°52 | 29°27 | 6°46 | 23°12 | 20°41 | 13°19 | 21°11 | 20°40 | 20°35 | 23°16 | T 28 |
| F 29 | 18 30 47 | 8°37'54 | 21°26 | 5°50 | 15°21 | 27°22 | 29°40 | 6°44 | 23° 9 | 20°40 | 13°18 | 21° 3 | 20°37 | 20°42 | 23°13 | F 29 |
| S 30 | 18 34 44 | 9935'26 | 4 Mp 46 | 59518 | 15 Ⅱ 10 | 27 m 51 | 29 8 53 | 6) (43 | 23 ×7 7 | 20) 40 | 13 궁 16 | 20 Υ 56 | 20 Y 34 | 20 M .48 | 23 M .11 | S 30 |

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| S 1 | 18 38 40 | 10932'57 | 17 m 39 | 4°R48 | 15°R 1 | 28 m 21 | 0 I I 6 | 6°R42 | 23°R 4 | 20°R40 | 13°R15 | 20°R52 | 20 Y 31 | 20 M 55 | 23°R 9 | S 1 |
| M 2 | 18 42 37 | 11°30'27 | 0 ჲ 10 | 49519 | 14∏55 | 28°52 | 0°18 | 6 ∺ 40 | 23 × 2 | 20) (40 | 13 る 13 | 20 Y 51 | 20°27 | 21° 2 | 23 m 7 | M 2 |
| T 3 | 18 46 34 | 12°27'56 | 12°21 | 3°54 | 14°51 | 29°22 | 0°31 | 6°38 | 23° 0 | 20°39 | 13°11 | 20°D50 | 20°24 | 21° 8 | 23° 5 | T 3 |
| W 4 | 18 50 30 | 13°25'24 | 24°20 | 3°31 | 14°D50 | 29°52 | 0°43 | 6°37 | 22°57 | 20°39 | 13°10 | 20°R50 | 20°21 | 21°15 | 23° 3 | W 4 |
| T 5 | 18 54 27 | 14°22'50 | 6 M 10 | 3°12 | 14°50 | ე <u>ჲ</u> 23 | 0°56 | 6°35 | 22°55 | 20°38 | 13° 8 | 20°49 | 20°18 | 21°22 | 23° 1 | T 5 |
| F 6 | 18 58 23 | 15°20'16 | 17°58 | 2°56 | 14°53 | 0°53 | 1°8 | 6°33 | 22°53 | 20°38 | 13° 7 | 20°47 | 20°15 | 21°28 | 23° 0 | F 6 |
| S 7 | 19 2 20 | 16°17'41 | 29°49 | 2°44 | 14°59 | 1°24 | 1°20 | 6°31 | 22°51 | 20°38 | 13° 5 | 20°42 | 20°12 | 21°35 | 22°58 | S 7 |
| S 8 | 19 6 16 | 17°15'05 | 11 ×7 45 | 2°36 | 15° 6 | 1°55 | 1°32 | 6°29 | 22°48 | 20°37 | 13° 3 | 20°35 | 20° 8 | 21°42 | 22°57 | S 8 |
| M 9 | 19 10 13 | 18°12'28 | 23°50 | 2°D33 | 15°16 | 2°26 | 1°44 | 6°27 | 22°46 | 20°37 | 13° 2 | 20°25 | 20° 5 | 21°48 | 22°55 | M 9 |
| T 10 | 19 14 9 | 19° 9'50 | 6 ਰ 7 | 2°34 | 15°27 | 2°58 | 1°56 | 6°25 | 22°44 | 20°36 | 13° 0 | 20°13 | 20° 2 | 21°55 | 22°54 | T 10 |
| W11 | 19 18 6 | 20° 7'12 | 18°37 | 2°40 | 15°41 | 3°29 | 2° 8 | 6°22 | 22°42 | 20°35 | 12°59 | 20° 0 | 19°59 | 22° 2 | 22°53 | W11 |
| T 12 | 19 22 3 | 21° 4'33 | 1≈19 | 2°51 | 15°57 | 4° 1 | 2°20 | 6°20 | 22°40 | 20°35 | 12°57 | 19°47 | 19°56 | 22° 8 | 22°52 | T 12 |
| F 13 | 19 25 59 | 22° 1'53 | 14°13 | 3° 6 | 16°15 | 4°32 | 2°32 | 6°18 | 22°38 | 20°34 | 12°56 | 19°35 | 19°52 | 22°15 | 22°51 | F 13 |
| S 14 | 19 29 56 | 22°59'13 | 27°20 | 3°25 | 16°34 | 5° 4 | 2°43 | 6°15 | 22°36 | 20°34 | 12°54 | 19°26 | 19°49 | 22°22 | 22°50 | S 14 |
| S 15 | 19 33 52 | 23°56'33 | 10 ∺ 37 | 3°50 | 16°55 | 5°36 | 2°55 | 6°12 | 22°34 | 20°33 | 12°52 | 19°19 | 19°46 | 22°28 | 22°50 | S 15 |
| M16 | 19 37 49 | 24°53'52 | 24° 5 | 4°19 | 17°19 | 6° 8 | 3° 6 | 6°10 | 22°32 | 20°32 | 12°51 | 19°15 | 19°43 | 22°35 | 22°49 | M16 |
| T 17 | 19 41 45 | 25°51'11 | 7 Ƴ 45 | 4°52 | 17°43 | 6°40 | 3°18 | 6° 7 | 22°30 | 20°31 | 12°49 | 19°13 | 19°40 | 22°42 | 22°49 | T 17 |
| W18 | 19 45 42 | 26°48'30 | 21°35 | 5°30 | 18°10 | 7°13 | 3°29 | 6° 4 | 22°28 | 20°31 | 12°48 | 19°13 | 19°37 | 22°48 | 22°48 | W18 |
| T 19 | 19 49 38 | 27°45'49 | 5 8 38 | 6°12 | 18°38 | 7°45 | 3°40 | 6° 1 | 22°26 | 20°30 | 12°46 | 19°13 | 19°33 | 22°55 | 22°48 | T 19 |
| F 20 | 19 53 35 | 28°43'08 | 19°51 | 6°59 | 19° 7 | 8°18 | 3°52 | 5°58 | 22°24 | 20°29 | 12°45 | 19°12 | 19°30 | 23° 2 | 22°48 | F 20 |
| S 21 | 19 57 32 | 29°40'27 | 4 Ⅱ 14 | 7°50 | 19°38 | 8°50 | 4° 3 | 5°55 | 22°22 | 20°28 | 12°43 | 19° 9 | 19°27 | 23° 8 | 22°D48 | S 21 |
| S 22 | 20 1 28 | 0 Ω 37'46 | 18°43 | 8°45 | 20°10 | 9°23 | 4°13 | 5°52 | 22°20 | 20°27 | 12°42 | 19° 3 | 19°24 | 23°15 | 22°48 | S 22 |
| M23 | 20 5 25 | 1°35'05 | 39514 | 9°45 | 20°44 | 9°56 | 4°24 | 5°49 | 22°19 | 20°26 | 12°40 | 18°54 | 19°21 | 23°22 | 22°48 | M23 |
| T 24 | 20 9 21 | 2°32'24 | 17°41 | 10°48 | 21°19 | 10°29 | 4°35 | 5°45 | 22°17 | 20°25 | 12°39 | 18°44 | 19°18 | 23°28 | 22°48 | T 24 |
| W25 | 20 13 18 | 3°29'42 | 1 Ω 57 | 11°56 | 21°55 | 11° 2 | 4°46 | 5°42 | 22°15 | 20°24 | 12°37 | 18°33 | 19°14 | 23°35 | 22°48 | W25 |
| T 26 | 20 17 14 | 4°27'01 | 15°56 | 13° 7 | 22°32 | 11°36 | 4°56 | 5°38 | 22°14 | 20°23 | 12°36 | 18°22 | 19°11 | 23°42 | 22°49 | T 26 |
| F 27 | 20 21 11 | 5°24'19 | 29°33 | 14°23 | 23°10 | 12° 9 | 5° 7 | 5°35 | 22°12 | 20°22 | 12°35 | 18°13 | 19° 8 | 23°48 | 22°49 | F 27 |
| S 28 | 20 25 8 | 6°21'37 | 12 m /48 | 15°43 | 23°50 | 12°43 | 5°17 | 5°31 | 22°10 | 20°21 | 12°33 | 18° 6 | 19° 5 | 23°55 | 22°50 | S 28 |
| S 29 | 20 29 4 | 7°18'55 | 25°39 | 17° 6 | 24°30 | 13°16 | 5°27 | 5°28 | 22° 9 | 20°20 | 12°32 | 18° 1 | 19° 2 | 24° 2 | 22°51 | S 29 |
| M30 | 20 33 1 | 8°16'12 | 8 亚 9 | 18°33 | 25°12 | 13°50 | 5°37 | 5°24 | 22° 7 | 20°19 | 1 <u>2</u> °30 | 17°59 | 18°58 | 24° 8 | 22°52 | M30 |
| T 31 | 20 36 57 | 9 Ω 13'29 | 20 ≏ 21 | 209 4 | 25 Ⅱ 54 | 14 ≏ 24 | 5 Ⅱ 47 | 5 ∺ 20 | 22 才 6 | 20 米 18 | 12 る 29 | 17°D59 | 18 Υ 55 | 24M15 | 22 M 53 | T 31 |

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| W 1 | 20 40 54 | 10\O10'46 | 2M21 | 21939 | 26∏38 | 14 ♀ 58 | 5 Ⅱ 57 | 5°R17 | 22°R 5 | 20°R17 | 12°R28 | 17 Y 59 | 18 Y 52 | 24M22 | 22 M 54 | W 1 |
| T 2 | 20 44 50 | 11° 8'03 | 14°13 | 23°17 | 27°22 | 15°32 | 6° 7 | 5) 13 | 22 × 3 | 20) 16 | 12 る 26 | 18°R 0 | 18°49 | 24°28 | 22°55 | T 2 |
| F 3 | 20 48 47 | 12° 5'19 | 26° 3 | 24°58 | 28° 7 | 16° 6 | 6°16 | 5° 9 | 22° 2 | 20°15 | 12°25 | 17°58 | 18°46 | 24°35 | 22°57 | F 3 |
| S 4 | 20 52 43 | 13° 2'36 | 7 ,₹ 55 | 26°43 | 28°53 | 16°40 | 6°26 | 5° 5 | 22° 1 | 20°13 | 12°24 | 17°56 | 18°43 | 24°42 | 22°58 | S 4 |
| S 5 | 20 56 40 | 13°59'52 | 19°55 | 28°32 | 29°40 | 17°15 | 6°35 | 5° 1 | 21°59 | 20°12 | 12°22 | 17°50 | 18°39 | 24°49 | 23° 0 | S 5 |
| M 6 | 21 0 37 | 14°57'09 | 2ਰ 7 | 0 Ω 23 | 0ණ28 | 17°49 | 6°44 | 4°57 | 21°58 | 20°11 | 12°21 | 17°43 | 18°36 | 24°55 | 23° 1 | M 6 |
| T 7 | 21 433 | 15°54'25 | 14°33 | 2°17 | 1°16 | 18°24 | 6°54 | 4°53 | 21°57 | 20°10 | 12°20 | 17°34 | 18°33 | 25° 2 | 23° 3 | T 7 |
| W 8 | 21 8 30 | 16°51'42 | 27°15 | 4°14 | 2° 6 | 18°58 | 7° 3 | 4°49 | 21°56 | 20° 8 | 12°19 | 17°23 | 18°30 | 25° 9 | 23° 5 | W 8 |
| T 9 | 21 12 26 | 17°48'58 | 10≈14 | 6°13 | 2°55 | 19°33 | 7°11 | 4°45 | 21°55 | 20° 7 | 12°17 | 17°13 | 18°27 | 25°15 | 23° 7 | T 9 |
| F 10 | 21 16 23 | 18°46'15 | 23°28 | 8°15 | 3°46 | 20° 8 | 7°20 | 4°41 | 21°54 | 20° 6 | 12°16 | 17° 4 | 18°24 | 25°22 | 23° 9 | F 10 |
| S 11 | 21 20 19 | 19°43'32 | 6) €57 | 10°18 | 4°37 | 20°43 | 7°29 | 4°36 | 21°53 | 20° 4 | 12°15 | 16°56 | 18°20 | 25°29 | 23°11 | S 11 |
| S 12 | 21 24 16 | 20°40'50 | 20°38 | 12°22 | 5°29 | 21°18 | 7°37 | 4°32 | 21°52 | 20° 3 | 12°14 | 16°51 | 18°17 | 25°35 | 23°13 | S 12 |
| M13 | 21 28 12 | 21°38'08 | 4 Υ 28 | 14°28 | 6°21 | 21°53 | 7°46 | 4°28 | 21°51 | 20° 2 | 12°13 | 16°49 | 18°14 | 25°42 | 23°16 | M13 |
| T 14 | 21 32 9 | 22°35'27 | 18°26 | 16°35 | 7°14 | 22°28 | 7°54 | 4°24 | 21°50 | 20° 0 | 12°12 | 16°D48 | 18°11 | 25°49 | 23°18 | T 14 |
| W15 | 21 36 6 | 23°32'46 | 2 8 28 | 18°43 | 8° 8 | 23° 4 | 8° 2 | 4°19 | 21°49 | 19°59 | 12°10 | 16°49 | 18° 8 | 25°55 | 23°21 | W15 |
| T 16 | 21 40 2 | 24°30'06 | 16°35 | 20°50 | 9° 2 | 23°39 | 8°10 | 4°15 | 21°49 | 19°58 | 12° 9 | 16°49 | 18° 4 | 26° 2 | 23°24 | T 16 |
| F 17 | 21 43 59 | 25°27'27 | 0∏45 | 22°58 | 9°57 | 24°15 | 8°18 | 4°10 | 21°48 | 19°56 | 12° 8 | 16°R49 | 18° 1 | 26° 9 | 23°26 | F 17 |
| S 18 | 21 47 55 | 26°24'49 | 14°56 | 25° 5 | 10°52 | 24°50 | 8°25 | 4° 6 | 21°47 | 19°55 | 12° 7 | 16°48 | 17°58 | 26°15 | 23°29 | S 18 |
| S 19 | 21 51 52 | 27°22'12 | 29° 7 | 27°12 | 11°47 | 25°26 | 8°33 | 4° 2 | 21°47 | 19°53 | 12° 6 | 16°45 | 17°55 | 26°22 | 23°32 | S 19 |
| M20 | 21 55 48 | 28°19'36 | 139514 | 29°18 | 12°44 | 26° 2 | 8°40 | 3°57 | 21°46 | 19°52 | 12° 5 | 16°39 | 17°52 | 26°29 | 23°35 | M20 |
| T 21 | 21 59 45 | 29°17'01 | 27°14 | 1 m 23 | 13°40 | 26°38 | 8°48 | 3°53 | 21°46 | 19°50 | 12° 4 | 16°32 | 17°49 | 26°35 | 23°38 | T 21 |
| W22 | 22 3 41 | 0 Mp 14'26 | 11 0 4 | 3°27 | 14°37 | 27°14 | 8°55 | 3°48 | 21°45 | 19°49 | 12° 3 | 16°25 | 17°45 | 26°42 | 23°42 | W22 |
| T 23 | 22 7 38 | 1°11'52 | 24°39 | 5°30 | 15°35 | 27°50 | 9° 2 | 3°44 | 21°45 | 19°47 | 12° 3 | 16°17 | 17°42 | 26°49 | 23°45 | T 23 |
| F 24 | 22 11 35 | 2° 9'19 | 7 m 58 | 7°32 | 16°33 | 28°26 | 9° 8 | 3°39 | 21°45 | 19°46 | 12° 2 | 16°11 | 17°39 | 26°55 | 23°49 | F 24 |
| S 25 | 22 15 31 | 3° 6'47 | 20°59 | 9°32 | 17°31 | 29° 2 | 9°15 | 3°35 | 21°44 | 19°44 | 12° 1 | 16° 7 | 17°36 | 27° 2 | 23°52 | S 25 |
| S 26 | 22 19 28 | 4° 4'15 | 3 ≏ 41 | 11°31 | 18°30 | 29°39 | 9°21 | 3°31 | 21°44 | 19°43 | 12° 0 | 16° 4 | 17°33 | 27° 9 | 23°56 | S 26 |
| M27 | 22 23 24 | 5° 1'44 | 16° 6 | 13°28 | 19°29 | 0 M .15 | 9°28 | 3°26 | 21°44 | 19°41 | 11°59 | 16°D 3 | 17°29 | 27°15 | 24° 0 | M27 |
| T 28 | 22 27 21 | 5°59'13 | 28°16 | 15°24 | 20°28 | 0°52 | 9°34 | 3°22 | 21°44 | 19°39 | 11°58 | 16° 4 | 17°26 | 27°22 | 24° 4 | T 28 |
| W29 | 22 31 17 | 6°56'43 | 10 M _15 | 17°18 | 21°28 | 1°28 | 9°40 | 3°17 | 21°44 | 19°38 | 11°58 | 16° 5 | 17°23 | 27°29 | 24° 7 | W29 |
| T 30 | 22 35 14 | 7°54'14 | 22° 7 | 19°11 | 22°28 | 2° 5 | 9°46 | 3°13 | 21°D44 | 19°36 | 1 <u>1°</u> 57 | 16° 7 | 17°20 | 27°35 | 24°12 | T 30 |
| F 31 | 22 39 10 | 8 m 51'46 | 3 ∡ 57 | 21 mg 2 | 239529 | 2 M .42 | 9 Ⅱ 51 | 3 ∺ 8 | 21 ~ 44 | 19 米 35 | 11 궁 56 | 16°R 8 | 17 Υ 17 | 27 M 42 | 24Ml16 | F 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ [™] | 4 | ħ |)∤(| ¥ | В | ß | ß | Ç | ģ | Day |
|-------------|----------------------|----------------------|-------------------------|------------------------|-------------------------|----------------|----------------|---------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------|
| S 1 | 22 43 7 | 9 m 49'18 | 15 % 51 | 22 m 52 | 24930 | 3M19 | 9 Ⅱ 57 | 3°R 4 | 21 ,7 44 | 19°R33 | 11°R56 | 16°R 8 | 17 Υ 14 | 27 M 49 | 24M20 | S 1 |
| S 2 | 22 47 4 | 10°46'51 | 27°52 | 24°40 | 25°31 | 3°56 | 10° 2 | 2) 59 | 21°44 | 19 ∺ 31 | 11 궁 55 | 16 Y 6 | 17°10 | 27°55 | 24°24 | S 2 |
| M 3 | 22 51 0 | 11°44'25 | 10궁 6 | 26°26 | 26°32 | 4°33 | 10° 7 | 2°55 | 21°44 | 19°30 | 11°54 | 16° 3 | 17° 7 | 28° 2 | 24°29 | M 3 |
| T 4 | 22 54 57 | 12°41'59 | 22°36 | 28°11 | 27°34 | 5°10 | 10°12 | 2°51 | 21°45 | 19°28 | 11°54 | 15°59 | 17° 4 | 28° 9 | 24°33 | T 4 |
| W 5 | 22 58 53 | 13°39'35 | 5≈26 | 29°54 | 28°36 | 5°47 | 10°17 | 2°46 | 21°45 | 19°27 | 11°53 | 15°54 | 17° 1 | 28°15 | 24°38 | W 5 |
| T 6 F 7 | 23 2 50 23 6 46 | 14°37'11 15°34'48 | 18°36 2 ∺ 7 | 1 ≙ 36 3°16 | 29°38 0 Ω 41 | 6°24 7° 2 | 10°22 10°26 | 2°42 2°38 | 21°45 21°46 | 19°25 19°23 | 11°53 11°52 | 15°49 15°45 | 16°58 16°55 | 28°22 28°29 | 24°42 24°47 | T 6 F 7 |
| S 8 | 23 10 43 | 15°34'48 16°32'26 | 15°56 | 4°55 | 1°44 | 7°39 | 10°26 10°30 | 2°33 | 21°46 21°46 | 19°23 | 11°52 | 15°43 | 16°53 | 28°35 | 24°47 24°52 | S 8 |
| | | | | | | | | | | | | | | | | |
| S 9 | 23 14 39 | 17°30'06 | 0 Υ 1 | 6°33 | 2°47 | 8°17 | 10°35 | 2°29 | 21°47 | 19°20 | 11°51 | 15°39 | 16°48 | 28°42 | 24°57 | S 9 |
| M10 T 11 | 23 18 36 23 22 32 | 18°27'46 19°25'28 | 14°17 28°40 | 8° 8 9°43 | 3°51 4°54 | 8°54 9°32 | 10°38 10°42 | 2°25 2°21 | 21°47 21°48 | 19°18 19°17 | 11°51 11°51 | 15°D38 15°39 | 16°45 16°42 | 28°49 28°55 | 25° 2 25° 7 | M10 T 11 |
| W12 | 23 26 29 | 20°23'11 | 13 8 5 | 11°16 | 5°58 | 10°10 | 10°42 10°46 | 2°17 | 21°48 21°48 | 19°17 | 11°50 | 15°40 | 16°42 16°39 | 28°33 | 25°12 | W12 |
| T 13 | 23 20 29 | 20°23'11 21°20'56 | 27°28 | 12°47 | 7° 3 | 10°48 | 10°49 | 2°13 | 21°49 | 19°13 | 11°50 | 15°41 | 16°35 | 29° 9 | 25°17 | T 13 |
| F 14 | 23 34 22 | 22°18'43 | 11 Ⅲ 46 | 14°17 | 8° 7 | 11°26 | 10°52 | 2° 8 | 21°50 | 19°12 | 11°50 | 15°42 | 16°32 | 29°16 | 25°23 | F 14 |
| S 15 | 23 38 19 | 23°16'31 | 25°55 | 15°46 | 9°12 | 12° 4 | 10°55 | 2° 4 | 21°51 | 19°10 | 11°49 | 15°R42 | 16°29 | 29°22 | 25°28 | S 15 |
| S 16 | 23 42 15 | 24°14'21 | 9956 | 17°13 | 10°17 | 12°42 | 10°58 | 2° 0 | 21°52 | 19° 9 | 11°49 | 15°42 | 16°26 | 29°29 | 25°33 | S 16 |
| M17 | 23 46 12 | 25°12'13 | 23°45 | 18°39 | 11°22 | 13°20 | 11° 1 | 1°57 | 21°53 | 19° 7 | 11°49 | 15°40 | 16°23 | 29°36 | 25°39 | M17 |
| T 18 | 23 50 8 | 26°10'06 | 7Ω 22 | 20° 3 | 12°27 | 13°58 | 11° 3 | 1°53 | 21°53 | 19° 5 | 11°49 | 15°38 | 16°20 | 29°42 | 25°45 | T 18 |
| W19 | 23 54 5 | 27° 8'01 | 20°46 | 21°25 | 13°33 | 14°37 | 11° 5 | 1°49 | 21°55 | 19° 4 | 11°49 | 15°35 | 16°16 | 29°49 | 25°50 | W19 |
| T 20 | 23 58 1 | 28° 5'57 | 3 Mp 56 | 22°46 | 14°39 | 15°15 | 11° 7 | 1°45 | 21°56 | 19° 2 | 11°49 | 15°33 | 16°13 | 29°56 | 25°56 | T 20 |
| F 21 | 0 1 58 | 29° 3'55 | 16°52 | 24° 6 | 15°45 | 15°53 | 11° 9 | 1°41 | 21°57 | 19° 0 | 11°49 | 15°30 | 16°10 | 0 💆 2 | 26° 2 | F 21 |
| S 22 | 0 5 55 | 0 ♀ 1'54 | 29°34 | 25°23 | 16°51 | 16°32 | 11°11 | 1°38 | 21°58 | 18°59 | 11°D49 | 15°29 | 16° 7 | 0° 9 | 26° 8 | S 22 |
| S 23 | 0 9 51 | 0°59'55 | 12 ♀ 2 | 26°39 | 17°57 | 17°11 | 11°12 | 1°34 | 21°59 | 18°57 | 11°49 | 15°D29 | 16° 4 | 0°16 | 26°14 | S 23 |
| M24 | 0 13 48 | 1°57'57 | 24°17 | 27°53 | 19° 4 | 17°49 | 11°13 | 1°31 | 22° 0 | 18°56 | 11°49 | 15°29 | 16° 1 | 0°22 | 26°20 | M24 |
| T 25 | 0 17 44 | 2°56'01 | 6M22 | 29° 6 | 20°11 | 18°28 | 11°15 | 1°27 | 22° 2 | 18°54 | 11°49 | 15°29 | 15°57 | 0°29 | 26°26 | T 25 |
| W26 T 27 | 0 21 41 | 3°54'06 4°52'12 | 18°18 0 × 7 9 | 0 M ₊16 1°25 | 21°18 22°25 | 19° 7 19°46 | 11°15 | 1°24 1°20 | 22° 3 22° 4 | 18°52 18°51 | 11°49 11°49 | 15°30 15°32 | 15°54 15°51 | 0°36 0°42 | 26°32 26°38 | W26 T 27 |
| F 28 | 0 25 37 0 29 34 | 5°50'20 | 11°59 | 2°31 | 22°25 23°32 | 19°46 20°25 | 11°16 11°16 | 1°20 1°17 | 22° 4 22° 6 | 18°51 18°49 | 11°49 11°49 | 15°32 15°32 | 15°51 15°48 | 0°42 0°49 | 26°38 26°45 | F 28 |
| S 29 | 0 29 34 0 33 30 | 6°48'30 | 23°52 | 3°35 | 23°32 24°39 | 20 23 21° 4 | 11°17 | 1°14 | 22° 7 | 18°48 | 11°49 | 15°33 | 15°45 | 0°56 | 26°51 | S 29 |
| S 30 | 0 37 27 | 7 2 46'40 | 25 52 5 云 52 | 4 ML 37 | 24 39 25 Ω 47 | 21 TL44 | 11°R17 | 1) (11 | 22 7 9 | 18 ¥ 46 | 11350 | 15°R33 | 15 Υ 41 | 1×7 2 | 26 ML 58 | S 30 |
| 3 30 | 03/2/ | /==40 40 | 3032 | 411637 | 430641 | Z111644 | 11 K1/ | 1)(11 | 77 X . 9 | 10/(40 | 11030 | 15 K33 | 13 41 | 1 X · Z | 2011638 | 3 30 |

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| M 1 0 T 2 0 W 3 0 T 4 0 | Sid.t 41 24 45 20 445 20 49 17 53 13 57 10 1 6 | 8 2 44'52 9°43'06 10°41'21 11°39'37 | ② 18♂ 4 0≈33 13°22 | 5 M .37 6°33 | ♀ 26 Ω 55 | ♂ 22 M 23 | 4 | ħ |)f(| ¥ | Р | v | v | Ç | o k | Day |
|----------------------------------|--|---|-----------------------------|------------------------|---------------------|---------------------|-----------------|---------------|----------------|------------------|----------------|----------------|----------------|---------------|---------------------------|------|
| T 2 0 W 3 0 T 4 0 F 5 0 | 45 20 49 17 53 13 57 10 | 9°43'06 10°41'21 11°39'37 | 0 ≈ 33 13°22 | 6°33 | | 22M 23 | | | | | | | | | | |
| W 3 0 T 4 0 F 5 0 | 49 17 53 13 57 10 | 10°41'21 11°39'37 | 13°22 | | | | 11°R17 | 1°R 8 | 22 × 11 | 18°R45 | 11 궁 50 | 15°R33 | 15 Y 38 | 1 才 9 | 27 m 4 | M 1 |
| T 4 0 F 5 0 | 53 13 57 10 | 11°39'37 | _ | | 28° 3 | 23° 2 | 11 II 16 | 1 米 5 | 22°12 | 18) (43 | 11°50 | 15 Y 33 | 15°35 | 1°16 | 27°11 | T 2 |
| F 5 0 | 57 10 | | | 7°27 | 29°11 | 23°42 | 11°16 | 1° 2 | 22°14 | 18°42 | 11°51 | 15°32 | 15°32 | 1°23 | 27°17 | W 3 |
| - | | | 26°35 | 8°18 | 0 m)19 | 24°21 | 11°15 | 0°59 | 22°16 | 18°40 | 11°51 | 15°32 | 15°29 | 1°29 | 27°24 | T 4 |
| S 6 1 | 1 6 | 12°37'55 | 10 米 12 | 9° 6 | 1°28 | 25° 1 | 11°14 | 0°56 | 22°18 | 18°39 | 11°51 | 15°31 | 15°26 | 1°36 | 27°31 | F 5 |
| | | 13°36'14 | 24°13 | 9°50 | 2°36 | 25°40 | 11°13 | 0°53 | 22°19 | 18°37 | 11°52 | 15°31 | 15°22 | 1°43 | 27°37 | S 6 |
| S 7 1 | 5 3 | 14°34'35 | 8 Y 36 | 10°30 | 3°45 | 26°20 | 11°11 | 0°51 | 22°21 | 18°36 | 11°52 | 15°31 | 15°19 | 1°49 | 27°44 | S 7 |
| M 8 1 | 8 59 | 15°32'57 | 23°15 | 11° 7 | 4°54 | 27° 0 | 11°10 | 0°48 | 22°23 | 18°35 | 11°53 | 15°31 | 15°16 | 1°56 | 27°51 | M 8 |
| T 9 1 | 12 56 | 16°31'22 | 8 8 4 | 11°39 | 6° 3 | 27°40 | 11°8 | 0°46 | 22°25 | 18°33 | 11°53 | 15°31 | 15°13 | 2° 3 | 27°58 | T 9 |
| W10 1 | 16 53 | 17°29'48 | 22°55 | 12° 7 | 7°12 | 28°20 | 11° 6 | 0°43 | 22°27 | 18°32 | 11°54 | 15°31 | 15°10 | 2° 9 | 28° 5 | W10 |
| | 20 49 | 18°28'17 | 7 Ⅱ 41 | 12°30 | 8°21 | 29° 0 | 11° 4 | 0°41 | 22°29 | 18°30 | 11°54 | 15°31 | 15° 7 | 2°16 | 28°12 | T 11 |
| F 12 1 | 24 46 | 19°26'47 | 22°16 | 12°47 | 9°31 | 29°40 | 11° 2 | 0°39 | 22°31 | 18°29 | 11°55 | 15°30 | 15° 3 | 2°23 | 28°19 | F 12 |
| S 13 1 | 28 42 | 20°25'20 | 6936 | 12°59 | 10°40 | 0 ₹ 20 | 10°59 | 0°37 | 22°34 | 18°28 | 11°56 | 15°30 | 15° 0 | 2°29 | 28°26 | S 13 |
| S 14 1 | 32 39 | 21°23'55 | 20°37 | 13°R 5 | 11°50 | 1° 0 | 10°56 | 0°35 | 22°36 | 18°26 | 11°56 | 15°D30 | 14°57 | 2°36 | 28°34 | S 14 |
| M15 1 | 36 35 | 22°22'32 | 4Ω 19 | 13° 5 | 13° 0 | 1°41 | 10°53 | 0°33 | 22°38 | 18°25 | 11°57 | 15°30 | 14°54 | 2°43 | 28°41 | M15 |
| T 16 1 | 40 32 | 23°21'11 | 17°42 | 12°57 | 14°10 | 2°21 | 10°50 | 0°31 | 22°40 | 18°24 | 11°58 | 15°31 | 14°51 | 2°49 | 28°48 | T 16 |
| W17 1 | 44 28 | 24°19'52 | 0 m /47 | 12°43 | 15°20 | 3° 2 | 10°47 | 0°29 | 22°43 | 18°23 | 11°59 | 15°31 | 14°47 | 2°56 | 28°55 | W17 |
| T 18 1 | 48 25 | 25°18'35 | 13°36 | 12°22 | 16°30 | 3°42 | 10°43 | 0°28 | 22°45 | 18°21 | 12° 0 | 15°32 | 14°44 | 3° 3 | 29° 3 | T 18 |
| | 52 22 | 26°17'21 | 26°12 | 11°53 | 17°41 | 4°23 | 10°40 | 0°26 | 22°47 | 18°20 | 12° 0 | 15°33 | 14°41 | 3° 9 | 29°10 | F 19 |
| S 20 1 | 56 18 | 27°16'08 | 8 ≏ 35 | 11°17 | 18°51 | 5° 3 | 10°36 | 0°25 | 22°50 | 18°19 | 12° 1 | 15°34 | 14°38 | 3°16 | 29°18 | S 20 |
| S 21 2 | 0 15 | 28°14'57 | 20°48 | 10°34 | 20° 2 | 5°44 | 10°32 | 0°23 | 22°52 | 18°18 | 12° 2 | 15°R34 | 14°35 | 3°23 | 29°25 | S 21 |
| M22 2 | 4 11 | 29°13'48 | 2 M .52 | 9°44 | 21°13 | 6°25 | 10°27 | 0°22 | 22°55 | 18°17 | 12° 3 | 15°33 | 14°32 | 3°30 | 29°33 | M22 |
| T 23 2 | | 0ML12'42 | 14°50 | 8°47 | 22°23 | 7° 6 | 10°23 | 0°21 | 22°57 | 18°15 | 12° 4 | 15°32 | 14°28 | 3°36 | 29°40 | T 23 |
| W24 2 | 12 4 | 1°11'37 | 26°42 | 7°46 | 23°34 | 7°47 | 10°18 | 0°20 | 23° 0 | 18°14 | 12° 5 | 15°30 | 14°25 | 3°43 | 29°48 | W24 |
| | 16 1 | 2°10'34 | 8 ₮ 32 | 6°41 | 24°45 | 8°28 | 10°14 | 0°19 | 23° 3 | 18°13 | 12° 6 | 15°27 | 14°22 | 3°50 | 29°56 | T 25 |
| F 26 2 | 19 57 | 3° 9'32 | 20°22 | 5°33 | 25°57 | 9° 9 | 10° 9 | 0°18 | 23° 5 | 18°12 | 12° 7 | 15°24 | 14°19 | 3°56 | 0 x ⁷ 3 | F 26 |
| S 27 2 | 23 54 | 4° 8'33 | 2 ਰ 14 | 4°24 | 27° 8 | 9°50 | 10° 3 | 0°17 | 23° 8 | 18°11 | 12° 8 | 15°22 | 14°16 | 4° 3 | 0°11 | S 27 |
| | 27 50 | 5° 7'35 | 14°14 | 3°15 | 28°19 | 10°32 | 9°58 | 0°16 | 23°11 | 18°10 | 12° 9 | 15°19 | 14°12 | 4°10 | 0°19 | S 28 |
| | 31 47 | 6° 6'39 | 26°23 | 2°10 | 29°31 | 11°13 | 9°53 | 0°16 | 23°14 | 18° 9 | 12°10 | 15°18 | 14° 9 | 4°16 | 0°27 | M29 |
| | 35 44 | 7° 5'45 | 8≈48 | 1° 9 | 0 ჲ 42 | 11°54 | 9°47 | 0°15 | 23°16 | 18° 8 | 1 <u>2</u> °12 | 15°D18 | 14° 6 | 4°23 | 0°34 | T 30 |
| W31 2 | 39 40 | 8M 4'52 | 21≈32 | 0 M .14 | 1 ≏ 54 | 12 ₹ 36 | 9 Ⅱ 41 | 0 ∺ 15 | 23 × 19 | 18 米 7 | 12 る 13 | 15 Y 18 | 14 Y 3 | 4 ₮ 30 | 0 ∡ 742 | W31 |

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| T 1 | 2 43 37 | 9 M 4'01 | 4) (38 | 29°R27 | 3 ₾ 5 | 13 × 17 | 9°R35 | 0°R15 | 23 × 22 | 18°R 6 | 12 궁 14 | 15 Y 20 | 14 Y 0 | 4 ₮ 36 | 0 才 50 | T 1 |
| F 2 | 2 47 33 | 10° 3'12 | 18°11 | 28 ≏ 49 | 4°17 | 13°59 | 9∏29 | 0 ∺ 15 | 23°25 | 18 ∀ 6 | 12°15 | 15°21 | 13°57 | 4°43 | 0°58 | F 2 |
| S 3 | 2 51 30 | 11° 2'24 | 2 Υ 11 | 28°21 | 5°29 | 14°41 | 9°23 | 0°D14 | 23°28 | 18° 5 | 12°17 | 15°22 | 13°53 | 4°50 | 1° 6 | S 3 |
| S 4 | 2 55 26 | 12° 1'38 | 16°38 | 28° 3 | 6°41 | 15°23 | 9°17 | 0°14 | 23°31 | 18° 4 | 12°18 | 15°R23 | 13°50 | 4°57 | 1°14 | S 4 |
| M 5 | 2 59 23 | 13° 0'54 | 1827 | 27°D57 | 7°53 | 16° 4 | 9°10 | 0°15 | 23°34 | 18° 3 | 12°19 | 15°22 | 13°47 | 5° 3 | 1°22 | M 5 |
| T 6 | 3 3 19 | 14° 0'12 | 16°32 | 28° 1 | 9° 5 | 16°46 | 9° 4 | 0°15 | 23°37 | 18° 2 | 12°21 | 15°20 | 13°44 | 5°10 | 1°30 | T 6 |
| W 7 | 3 7 16 | 14°59'32 | 1 Ⅱ 45 | 28°16 | 10°18 | 17°28 | 8°57 | 0°15 | 23°40 | 18° 2 | 12°22 | 15°17 | 13°41 | 5°17 | 1°38 | W 7 |
| T 8 | 3 11 13 | 15°58'54 | 16°54 | 28°41 | 11°30 | 18°10 | 8°50 | 0°16 | 23°43 | 18° 1 | 12°23 | 15°12 | 13°38 | 5°23 | 1°46 | T 8 |
| F 9 | 3 15 9 | 16°58'18 | 1950 | 29°16 | 12°42 | 18°52 | 8°43 | 0°16 | 23°46 | 18° 0 | 12°25 | 15° 8 | 13°34 | 5°30 | 1°54 | F 9 |
| S 10 | 3 19 6 | 17°57'44 | 16°27 | 29°59 | 13°55 | 19°35 | 8°36 | 0°17 | 23°50 | 18° 0 | 12°26 | 15° 4 | 13°31 | 5°37 | 2° 2 | S 10 |
| S 11 | 3 23 2 | 18°57'13 | 0 Ω 38 | 0 M .52 | 15° 8 | 20°17 | 8°29 | 0°17 | 23°53 | 17°59 | 12°28 | 15° 1 | 13°28 | 5°43 | 2°10 | S 11 |
| M12 | 3 26 59 | 19°56'43 | 14°23 | 1°51 | 16°20 | 20°59 | 8°21 | 0°18 | 23°56 | 17°59 | 12°29 | 15°D 0 | 13°25 | 5°50 | 2°18 | M12 |
| T 13 | 3 30 55 | 20°56'16 | 27°43 | 2°57 | 17°33 | 21°42 | 8°14 | 0°19 | 23°59 | 17°58 | 12°31 | 15° 0 | 13°22 | 5°57 | 2°26 | T 13 |
| W14 | 3 34 52 | 21°55'51 | 10 m)40 | 4° 8 | 18°46 | 22°24 | 8° 6 | 0°20 | 24° 3 | 17°58 | 12°33 | 15° 1 | 13°18 | 6° 3 | 2°35 | W14 |
| T 15 | 3 38 49 | 22°55'29 | 23°17 | 5°25 | 19°59 | 23° 7 | 7°59 | 0°21 | 24° 6 | 17°57 | 12°34 | 15° 2 | 13°15 | 6°10 | 2°43 | T 15 |
| F 16 | 3 42 45 | 23°55'08 | 5 ≏ 38 | 6°45 | 21°12 | 23°49 | 7°51 | 0°22 | 24° 9 | 17°57 | 12°36 | 15° 4 | 13°12 | 6°17 | 2°51 | F 16 |
| S 17 | 3 46 42 | 24°54'49 | 17°48 | 8° 9 | 22°25 | 24°32 | 7°43 | 0°24 | 24°13 | 17°56 | 12°37 | 15°R 4 | 13° 9 | 6°24 | 2°59 | S 17 |
| S 18 | 3 50 38 | 25°54'33 | 29°49 | 9°36 | 23°38 | 25°15 | 7°36 | 0°25 | 24°16 | 17°56 | 12°39 | 15° 3 | 13° 6 | 6°30 | 3° 7 | S 18 |
| M19 | 3 54 35 | 26°54'19 | 11 M .44 | 11° 6 | 24°51 | 25°57 | 7°28 | 0°27 | 24°19 | 17°55 | 12°41 | 15° 0 | 13° 3 | 6°37 | 3°15 | M19 |
| T 20 | 3 58 31 | 27°54'06 | 23°36 | 12°38 | 26° 4 | 26°40 | 7°20 | 0°28 | 24°23 | 17°55 | 12°42 | 14°54 | 12°59 | 6°44 | 3°24 | T 20 |
| W21 | 4 2 28 | 28°53'56 | 5 ₹ 26 | 14°11 | 27°18 | 27°23 | 7°12 | 0°30 | 24°26 | 17°55 | 12°44 | 14°47 | 12°56 | 6°50 | 3°32 | W21 |
| T 22 | 4 6 24 | 29°53'48 | 17°17 | 15°46 | 28°31 | 28° 6 | 7° 4 | 0°32 | 24°30 | 17°55 | 12°46 | 14°38 | 12°53 | 6°57 | 3°40 | T 22 |
| F 23 | 4 10 21 | 0 ₮ 53'41 | 29° 9 | 17°22 | 29°45 | 28°49 | 6°56 | 0°34 | 24°33 | 17°54 | 12°48 | 14°29 | 12°50 | 7° 4 | 3°48 | F 23 |
| S 24 | 4 14 18 | 1°53'36 | 11중 5 | 18°59 | 0 M .58 | 29°33 | 6°48 | 0°36 | 24°37 | 17°54 | 12°50 | 14°20 | 12°47 | 7°10 | 3°57 | S 24 |
| S 25 | 4 18 14 | 2°53'33 | 23° 7 | 20°36 | 2°12 | 0 ට 16 | 6°39 | 0°38 | 24°40 | 17°54 | 12°51 | 14°12 | 12°44 | 7°17 | 4° 5 | S 25 |
| M26 | 4 22 11 | 3°53'31 | 5≈18 | 22°14 | 3°25 | 0°59 | 6°31 | 0°40 | 24°44 | 17°54 | 12°53 | 14° 6 | 12°40 | 7°24 | 4°13 | M26 |
| T 27 | 4 26 7 | 4°53'31 | 17°40 | 23°52 | 4°39 | 1°42 | 6°23 | 0°42 | 24°47 | 17°54 | 12°55 | 14° 2 | 12°37 | 7°31 | 4°21 | T 27 |
| W28 | 4 30 4 | 5°53'32 | 0 ∺ 19 | 25°30 | 5°53 | 2°26 | 6°15 | 0°45 | 24°51 | 17°54 | 12°57 | 14°D 1 | 12°34 | 7°37 | 4°29 | W28 |
| T 29 | 4 34 0 | 6°53'35 | 13°18 | 27° 8 | 7° 6 | 3° 9 | 6° 7 | 0°47 | 24°54 | 17°D54 | 12°59 | 14° 1 | 12°31 | 7°44 | 4°38 | T 29 |
| F 30 | 4 37 57 | 7 .7 53'39 | 26) (41 | 28 M .46 | 8 M 20 | 3 ප 53 | 5 Ⅱ 59 | 0 ∺ 50 | 24 × 758 | 17) 54 | 13 ට 1 | 14 ° 2 | 12 Y 28 | 7 .₹ 51 | 4 ₹ 146 | F 30 |

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|--|--|---|--|--|--|---|---|--|---|---|---|---|---|---|--|--|
| S 1 | 4 41 53 | 8 × 753'45 | 10 Y 30 | 0 水 24 | 9 M .34 | 4 ප 36 | 5°R51 | 0 ∺ 52 | 25 ×7 1 | 17) 54 | 13 る 3 | 14°R 2 | 12 Y 24 | 7 .7 57 | 4 ₹ 154 | S 1 |
| S 2 M 3 T 4 W 5 T 6 F 7 | 4 45 50 4 49 47 4 53 43 4 57 40 5 1 36 5 5 33 | 9°53'52 10°54'00 11°54'11 12°54'23 13°54'36 14°54'51 | 24°47 9830 24°34 91152 25°12 10©23 | 2° 2 3°40 5°18 6°55 8°32 10° 9 | 10°48 12° 2 13°16 14°30 15°44 16°58 | 5°20 6° 4 6°48 7°31 8°15 8°59 | 5 II 42 5°34 5°26 5°18 5°10 5°2 | 0°55 0°58 1° 1 1° 4 1° 7 1°10 | 25° 5 25° 9 25°12 25°16 25°20 25°23 | 17°54 17°54 17°54 17°55 17°55 | 13° 5 13° 7 13° 9 13°11 13°13 13°15 | 14 Y 2 13°59 13°55 13°47 13°38 13°29 | 12°21 12°18 12°15 12°12 12° 9 12° 5 | 8° 4 8°11 8°17 8°24 8°31 8°38 | 5° 2 5°10 5°19 5°27 5°35 5°43 | S 2 M 3 T 4 W 5 T 6 F 7 |
| S 8 S 9 M10 | 5 9 29 5 13 26 5 17 22 | 15°55'09 16°55'27 17°55'48 | 25°14 9 Ω 39 23°34 | 11°45 13°21 14°57 | 18°12 19°26 20°41 | 9°43 10°27 11°12 | 4°55 4°47 4°39 | 1°14 1°17 1°21 | 25°27 25°31 25°34 | 17°55 17°56 17°56 | 13°17 13°19 13°21 | 13°20 13°13 13° 8 | 12° 2 11°59 11°56 | 8°44 8°51 8°58 | 5°51 5°59 6° 7 | S 8 S 9 M10 |
| T 11 W12 T 13 F 14 S 15 | 5 21 19 5 25 16 5 29 12 5 33 9 5 37 5 | 18°56'10 19°56'35 20°57'00 21°57'28 22°57'58 | 7 m 0 19°58 2 • 32 14°49 26°52 | 16°33 18° 9 19°44 21°19 22°54 | 21°55 23° 9 24°24 25°38 26°53 | 11°56 12°40 13°24 14° 9 14°53 | 4°31 4°24 4°16 4° 9 4° 1 | 1°24 1°28 1°32 1°35 1°39 | 25°38 25°42 25°45 25°49 25°53 | 17°56 17°57 17°57 17°58 17°58 | 13°23 13°25 13°27 13°29 13°31 | 13° 5 13°D 4 13° 5 13°R 5 13° 4 | 11°53 11°50 11°46 11°43 11°40 | 9° 4 9°11 9°18 9°24 9°31 | 6°16 6°24 6°32 6°40 6°48 | T 11 W12 T 13 F 14 S 15 |
| S 16 M17 T 18 W19 T 20 F 21 S 22 | 5 41 2 5 44 58 5 48 55 5 52 51 5 56 48 6 0 45 6 4 41 | 23°58'29 24°59'02 25°59'36 27° 0'12 28° 0'49 29° 1'28 03 2'08 | 8 m.47 20°37 2 x 26 14°17 26°10 8 | 24°29 26° 3 27°37 29°12 0♂46 2°20 3°54 | 28° 7 29°22 0₹36 1°51 3° 6 4°20 5°35 | 15°38 16°22 17° 7 17°52 18°36 19°21 20° 6 | 3°54 3°47 3°40 3°33 3°26 3°20 3°13 | 1°43 1°47 1°52 1°56 2° 0 2° 5 2° 9 | 25°57 26° 0 26° 4 26° 8 26°11 26°15 26°19 | 17°59 17°59 18° 0 18° 1 18° 2 18° 2 18° 3 | 13°33 13°36 13°38 13°40 13°42 13°44 13°46 | 13° 1 12°55 12°46 12°34 12°21 12° 6 11°52 | 11°37 11°34 11°30 11°27 11°24 11°21 11°18 | 9°38 9°45 9°51 9°58 10° 5 10°11 | 6°56 7° 4 7°12 7°19 7°27 7°35 7°43 | S 16 M17 T 18 W19 T 20 F 21 S 22 |
| S 23 M24 T 25 W26 T 27 F 28 S 29 | 6 8 38 6 12 34 6 16 31 6 20 27 6 24 24 6 28 21 6 32 17 | 1° 2'49 2° 3'31 3° 4'15 4° 4'59 5° 5'44 6° 6'29 7° 7'16 | 2≈23 14°42 27°11 9¥52 22°50 6° 5 19°43 | 5°27 7° 1 8°35 10° 8 11°42 13°15 14°49 | 6°50 8° 4 9°19 10°34 11°49 13° 3 14°18 | 20°51 21°36 22°21 23° 6 23°51 24°37 25°22 | 3° 7 3° 1 2°55 2°49 2°43 2°37 2°32 | 2°14 2°18 2°23 2°28 2°33 2°37 2°42 | 26°23 26°26 26°30 26°34 26°37 26°41 26°45 | 18° 4 18° 5 18° 6 18° 6 18° 7 18° 8 18° 9 | 13°49 13°51 13°53 13°55 13°57 14° 0 14° 2 | 11°39 11°29 11°22 11°17 11°15 11°15 | 11°15 11°11 11° 8 11° 5 11° 2 10°59 10°56 | 10°25 10°31 10°38 10°45 10°52 10°58 11° 5 | 7°51 7°59 8° 6 8°14 8°22 8°29 8°37 | S 23 M24 T 25 W26 T 27 F 28 S 29 |
| S 30 M31 | 6 36 14 6 40 10 | 8° 8'03 9 る 8'51 | 3 8 45 18 8 11 | 16°22 17 る 56 | 15°33 16 ∡ 748 | 26° 7 26 පි 52 | 2°27 2 Ⅲ 22 | 2°48 2 ∺ 53 | 26°48 26 ∡ 752 | 18°10 18 ∺ 11 | 14° 4 14 ී 6 | 11°14 11 ° 10 | 10°52 10 ° 49 | 11°12 11 √ 18 | 8°44 8 ≯ 52 | S 30 M31 |

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| T 1 6 44 7 10\$\overline{\text{T}} 9 40 2\$\overline{\text{L}} 10\$\overline{\text{Z}} 2 19\$\overline{\text{L}} 18\$\overline{\text{Z}} 3 2\$\overline{\text{Z}} 2 19\$\overline{\text{L}} 18\$\overline{\text{Z}} 3 2\$\overline{\text{L}} 12\$\overline{\text{L}} 12\$\overline{\text{L}} 18\$\overline{\text{Z}} 3 29\$\overline{\text{L}} 18\$\overline{\text{L}} 2 19\$\overline{\text{L}} 2 19\$\overline{\text{L}} 18\$\overline{\text{L}} 18\$\overline{\text{L}} 18\$\overline{\text{L}} 2 19\$\overline{\text{L}} 18\$\overline{\text{L}} 2 19\$\overline{\text{L}} 18\$\overline{\text{L}} 2 19\$\overline{\text{L}} 18\$\overline{\text{L}} 2 19\$\overline{\text{L}} 2 10\$\overline{\text{L}} 10\$\overline{\text{L}} 10\$\overline{\text{L}} 2 10\$\overline{\text{L}} 10\$\overline{\text{L}} 10\$\overline{\text{L}} 19\$\overline{\text{L}} 29\$\overline{\text{L}} 29\$\overline{\text{L}} 29\$\overline{\text{L}} 29\$\overline{\text{L}} 29\$\ | | | | | | | | | | | | | | | | | |
|---|------|---------|----------|----------------|-------|----------------|-------|---------------|---------------|-----------------|-----------------|----------------|---------------|----------------|-----------------|-----------------|------|
| W 2 | Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| ¥ | В | ß | ದಿ | ţ | ٨٥ | Day |
| $ \begin{array}{c} T \ 3 \ 6.52 \ 0 \ 12^{9}11'21 \ 3 \ 5 \ 14 \ 22^{9}36 \ 20^{9}3 \ 29^{9} \ 2^{9} \ 8 \ 3^{9} \ 8 \ 27^{9} \ 3 \ 18^{9}15 \ 14^{9}13 \ 10^{9}44 \ 10^{9}40 \ 11^{9}39 \ 9^{9}14 \ T \\ F \ 4 \ 6.55.56 \ 13^{9}121'12 \ 18^{9}21$ | T 1 | 6 44 7 | 10る 9'40 | 2Д59 | 19る29 | | 27る38 | | 2) 58 | 26 × 756 | 18) €12 | 14 る 9 | | 10 Y 46 | 11 ∡ 125 | 8 才 59 | T 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | W 2 | 6 48 3 | 11°10'30 | 18° 3 | | | | | | | | | | | - | - , | W 2 |
| S 5 6 59 53 14°13'05 3Ω15 25°42 23°3 0∞40 1°59 3°19 27°10 18°17 14°18 10°21 10°33 11°52 9°29 S S 6 7 3 50 15°13'58 17°46 27°15 24°18 1°26 1°55 3°25 27°14 18°18 14°20 10°11 10°30 11°59 9°36 S M 7 7 7 46 16°14'52 11µ49 28°48 25°33 2°11 1°51 3°30 27°17 18°20 14°22 10° 4 10°27 12° 5 9°43 M T 7 7 746 16°14'32 18°15 28°48 25°33 2°11 1°51 3°30 27°12 18°21 14°20 10°4 10°27 12°5 9°43 M T 7 75 18°16'43 28°27 1°54 28°3 3°43 1°44 3°42 27°24 18°22 14°27 9°58 10°21 12°19 9°57 W 1°10 14°20 14°23 <t< 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><td></td><td></td><td>-</td><td>_</td></t<> | _ | | | - | | | | _ | | | | _ | - | | | - | _ |
| S 6 7 3 50 15°13′58 17°46 27°15 24°18 1°26 1°55 3°25 27°14 18°18 14°20 10°11 10°30 11°59 9°36 S M 7 7 7 46 16°14′52 1mp49 28°48 25°33 2°11 1°51 3°30 27°17 18°20 14°22 10°4 10°27 12°5 9°43 M T 8 7 11 43 17°15′47 15°22 0∞21 26°48 2°57 1°48 3°36 27°21 18°21 14°24 10° 0 10°24 12°15 9°50 T T 10 7 19 36 19°17'40 11£ 6 3°26 29°18 4°29 1°41 3°47 27°22 18°24 14°29 9°B57 10°11 12°25 10° 4 12°11 12°19 9°57 W T 10 7 19 36 19°17'40 11£ 6 3°26 29°18 4°29 1°41 3°47 27°28 18°24 14°29 9°B57 | | | | | - | _ | | _ | | | | _ | | | _ | - | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 5 | 6 59 53 | 14°13'05 | 3 N 15 | 25°42 | 23° 3 | 0≈40 | 1°59 | 3°19 | 27°10 | 18°17 | 14°18 | 10°21 | 10°33 | 11°52 | 9°29 | S 5 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | S 6 | | 15°13'58 | 17°46 | | - | | 1°55 | | | | - | | | | | |
| $ \begin{array}{c} W \ 9 \\ 7 \ 15 \ 39 \\ 18^{\circ} 16^{\circ} 43 \\ 28^{\circ} 27 \\ 10^{\circ} 4 \\ 28^{\circ} 3 \\ 3^{\circ} 43 \\ 29^{\circ} 18 \\ 4^{\circ} 29 \\ 1^{\circ} 41 \\ 3^{\circ} 42 \\ 2^{\circ} 1^{\circ} 41 \\ 3^{\circ} 47 \\ 2^{\circ} 27^{\circ} 28 \\ 18^{\circ} 24 \\ 14^{\circ} 27 \\ 2^{\circ} 28 \\ 18^{\circ} 25 \\ 14^{\circ} 27 \\ 10^{\circ} 17 \\ 10$ | | 7 7 46 | | _ ~ | | | | _ | | | | | - | | - | | M 7 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | 17°15'47 | | | | 2°57 | 1°48 | | | | | | | | | T 8 |
| F 11 | | | | | - | | | | | | - | | | - | - | | W 9 |
| \$\begin{array}{c c c c c c c c c c c c c c c c c c c | - | | -, -, | - | | | - | | | | - | - | | | | | T 10 |
| S 13 7 31 26 22°20'37 17°23 8° 0 3° 3 6°47 1°32 4° 5 27°38 18°28 14°36 9°54 10° 8 12°46 10°25 S M14 7 75 52 23°21'38 29°12 9°30 4°18 7°33 1°30 4°11 27°42 18°29 14°38 9°49 10° 5 12°52 10°32 M T 15 7 39 19 24°22'39 11 | | | | | | | | | | | | _ | | - | | - | F 11 |
| M14 | S 12 | 7 27 29 | 21°19'37 | 5M29 | 6°29 | 1°48 | 6° 1 | 1°35 | 3°59 | 27°35 | 18°26 | 14°33 | 9°57 | 10°11 | 12°39 | 10°18 | S 12 |
| T15 | S 13 | 7 31 26 | 22°20'37 | 17°23 | 8° 0 | 3° 3 | 6°47 | 1°32 | 4° 5 | 27°38 | 18°28 | 14°36 | 9°54 | 10° 8 | 12°46 | 10°25 | S 13 |
| W16 | | | | - | , | 4°18 | | | | | | 14°38 | | | - | | M14 |
| T17 7 47 12 26°24'44 4₹53 13°55 8° 4 9°51 1°24 4°29 27°52 18°34 14°44 9°17 9°55 13°12 10°52 T18°18 7 51 8 27°25'48 16°59 15°20 9°19 10°37 1°22 4°35 27°56 18°35 14°47 9° 3 9°52 13°19 10°58 F18°19 7 55 5 28°26'51 29°14 16°44 10°34 11°23 1°21 4°42 27°59 18°37 14°49 8°49 9°49 13°26 11° 5 818°19 7 55 5 28°26'51 29°14 16°44 10°34 11°23 1°21 4°42 27°59 18°37 14°49 8°49 9°49 13°26 11° 5 818°19 7 55 5 28°26'51 29°14 16°44 10°34 11°23 1°21 4°42 27°59 18°37 14°49 8°49 9°49 13°26 11° 5 818°19 18° 18° 18° 18° 18° 18° 18° 18° 18° 18° | | | | | | | | _ | | | | - | - | - | | | T 15 |
| F 18 | W16 | 7 43 15 | | - | _ | | | 1°26 | | | | 14°42 | | | | | W16 |
| S 19 7 55 5 28°26′51 29°14 16°44 10°34 11°23 1°21 4°42 27°59 18°37 14°49 8°49 9°49 13°26 11° 5 S 18°20 7 59 1 29°27′56 11≈39 18° 5 11°50 12°10 1°20 4°48 28° 2 18°39 14°51 8°37 9°46 13°33 11°11 S 28°12 18°28 0≈29′00 24°13 19°23 13° 5 12°56 1°19 4°54 28° 5 18°40 14°53 8°27 9°43 13°39 11°18 M2 12°22 18°40 14°55 1°30′04 6 €57 20°39 14°20 13°42 1°18 5° 0 28° 9 18°42 14°55 8°20 9°39 13°46 11°24 12° 12° 12° 12° 12° 12° 12° 12° 12° 12° | | | - | | | - | | | | | | | | | - | | T 17 |
| S 20 7 59 | | | | | | | | | | | | | | | | | F 18 |
| M21 | S 19 | 7 55 5 | 28°26'51 | 29°14 | 16°44 | 10°34 | 11°23 | 1°21 | 4°42 | 27°59 | 18°37 | 14°49 | 8°49 | 9°49 | 13°26 | 11° 5 | S 19 |
| T 22 | S 20 | 7 59 1 | 29°27'56 | 11 ≈ 39 | | 11°50 | 12°10 | 1°20 | | | | 14°51 | | 9°46 | 13°33 | | S 20 |
| W23 | | 8 2 58 | | | | 13° 5 | 12°56 | 1°19 | | | | 14°53 | | 9°43 | 13°39 | - | M21 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | - | - | - | | | - | | | | | | T 22 |
| F 25 8 18 44 4°33'18 16°21 24° 1 18° 6 16° 2 1°D17 5°20 28°18 18°47 15° 2 8°14 9°30 14° 6 11°42 F 2 8°26 8 22 41 5°34'22 29°57 24°58 19°21 16°48 1°17 5°26 28°22 18°49 15° 4 8°R15 9°27 14°13 11°48 8 2 8 2 8 10°21 16°48 1°17 5°26 28°22 18°49 15° 4 8°R15 9°27 14°13 11°48 8 2 8 2 18° 18° 18° 18° 18° 18° 18° 18° 18° 18 | | | | | - | | - | | | - | | | | | | | W23 |
| S 26 8 22 41 5°34'22 29°57 24°58 19°21 16°48 1°17 5°26 28°22 18°49 15° 4 8°R15 9°27 14°13 11°48 S 2 S 27 8 26 37 6°35'26 13\Soldon 50 25°48 20°36 17°35 1°17 5°33 28°25 18°51 15° 6 8°15 9°23 14°19 11°54 S 2 M28 8 30 34 7°36'30 28° 0 26°31 21°52 18°22 1°18 5°39 28°28 18°53 15° 8 8°13 9°20 14°26 12° 0 MZ T 29 8 34 30 8°37'34 12\Pi27 27° 6 23° 7 19° 8 1°18 5°46 28°31 18°54 15°10 8° 9 9°17 14°33 12° 6 T 2 W30 8 38 27 9°38'38 27° 6 27°32 24°22 19°55 1°19 5°53 28°34 18°56 15°13 8° 2 9°14 14°40 12°12 W3 | | - | | | | | | - | | | | | - | | | | T 24 |
| S 27 8 26 37 6°35'26 13\(250\) 25°48 20°36 17°35 1°17 5°33 28°25 18°51 15°6 8°15 9°23 14°19 11°54 S 2 M28 8 30 34 7°36'30 28°0 26°31 21°52 18°22 1°18 5°39 28°28 18°53 15°8 8°13 9°20 14°26 12°0 M T 29 8 34 30 8°37'34 12\(\Pi\)27 27°6 23°7 19°8 1°18 5°46 28°31 18°54 15°10 8°9 9°17 14°33 12°6 T W30 8 38 27 9°38'38 27°6 27°32 24°22 19°55 1°19 5°53 28°34 18°56 15°13 8°2 9°14 14°40 12°12 W | | | | | | | - | | | | | - | - | | - | | F 25 |
| M28 8 30 34 7°36′30 28° 0 26°31 21°52 18°22 1°18 5°39 28°28 18°53 15° 8 8°13 9°20 14°26 12° 0 MZ T 29 8 34 30 8°37′34 12 | S 26 | 8 22 41 | 5°34'22 | 29°57 | 24°58 | 19°21 | 16°48 | 1°17 | 5°26 | 28°22 | 18°49 | 15° 4 | 8°R15 | 9°27 | 14°13 | 11°48 | S 26 |
| T 29 8 34 30 8°37'34 12 II 27 27° 6 23° 7 19° 8 1°18 5°46 28°31 18°54 15°10 8° 9 9°17 14°33 12° 6 T 2 W30 8 38 27 9°38'38 27° 6 27°32 24°22 19°55 1°19 5°53 28°34 18°56 15°13 8° 2 9°14 14°40 12°12 W3 | S 27 | 8 26 37 | 6°35'26 | | 25°48 | 20°36 | 17°35 | 1°17 | 5°33 | | 18°51 | 15° 6 | 8°15 | 9°23 | 14°19 | 11°54 | S 27 |
| W30 8 38 27 9°38'38 27° 6 27°32 24°22 19°55 1°19 5°53 28°34 18°56 15°13 8° 2 9°14 14°40 12°12 W3 | _ | | | | | - | | - | | | | | | | - | - | M28 |
| | | | | | | | | - | | | | | | - | | - | T 29 |
| T31 8 42 24 10≈39'41 11©52 27≈47 25♂37 20≈42 1∏20 5⊁59 28₹37 18⊁58 15♂15 7°Y54 9°Y11 14₹46 12₹17 T3 | | | | | | | | | | | | | | | | | W30 |
| | T 31 | 8 42 24 | 10≈39'41 | 11952 | 27≈47 | 25 る 37 | 20≈42 | 1 Ⅱ 20 | 5 米 59 | 28 ∡ 37 | 18 米 58 | 15 る 15 | 7 Ƴ 54 | 9 Υ 11 | 14 ₹ 46 | 12 ⁄2 17 | T 31 |

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| F 1 | 8 46 20 | 11≈40'44 | 26938 | 27°R52 | 26 궁 53 | 21≈28 | 1 Ⅲ 22 | 6 ∀ 6 | 28 × 740 | 19 米 0 | 15 云 17 | 7°R44 | 9 Υ 8 | 14 × 753 | 12 × 23 | F 1 |
| S 2 | 8 50 17 | 12°41'47 | 11 Ω 15 | 27≈45 | 28° 8 | 22°15 | 1°23 | 6°13 | 28°43 | 19° 2 | 15°19 | 7 Y 35 | 9° 4 | 15° 0 | 12°28 | S 2 |
| S 3 | 8 54 13 | 13°42'49 | 25°36 | 27°27 | 29°23 | 23° 2 | 1°25 | 6°20 | 28°46 | 19° 4 | 15°21 | 7°27 | 9° 1 | 15° 6 | 12°34 | S 3 |
| M 4 | 8 58 10 | 14°43'52 | 9 m 35 | 26°56 | 0≈38 | 23°49 | 1°27 | 6°27 | 28°49 | 19° 6 | 15°23 | 7°22 | 8°58 | 15°13 | 12°39 | M 4 |
| T 5 | 9 2 6 | 15°44'54 | 23° 9 | 26°14 | 1°54 | 24°35 | 1°29 | 6°33 | 28°51 | 19° 8 | 15°25 | 7°19 | 8°55 | 15°20 | 12°44 | T 5 |
| W 6 | 9 6 3 | 16°45'56 | 6 ₽ 17 | 25°22 | 3° 9 | 25°22 | 1°31 | 6°40 | 28°54 | 19°10 | 15°27 | 7°D17 | 8°52 | 15°27 | 12°49 | W 6 |
| T 7 | 9 9 59 | 17°46'58 | 19° 1 | 24°20 | 4°24 | 26° 9 | 1°34 | 6°47 | 28°57 | 19°12 | 15°29 | 7°18 | 8°49 | 15°33 | 12°54 | T 7 |
| F 8 | 9 13 56 | 18°48'00 | 1 M 24 | 23°11 | 5°40 | 26°56 | 1°36 | 6°54 | 29° 0 | 19°14 | 15°31 | 7°19 | 8°45 | 15°40 | 12°59 | F 8 |
| S 9 | 9 17 53 | 19°49'02 | 13°32 | 21°56 | 6°55 | 27°43 | 1°39 | 7° 1 | 29° 2 | 19°16 | 15°33 | 7°20 | 8°42 | 15°47 | 13° 4 | S 9 |
| S 10 | 9 21 49 | 20°50'04 | 25°29 | 20°38 | 8°10 | 28°30 | 1°42 | 7° 8 | 29° 5 | 19°18 | 15°35 | 7°R21 | 8°39 | 15°53 | 13° 9 | S 10 |
| M11 | 9 25 46 | 21°51'06 | 7 ₹ 21 | 19°20 | 9°26 | 29°17 | 1°46 | 7°15 | 29° 8 | 19°20 | 15°37 | 7°19 | 8°36 | 16° 0 | 13°14 | M11 |
| T 12 | 9 29 42 | 22°52'08 | 19°11 | 18° 3 | 10°41 | 0) 4 | 1°49 | 7°22 | 29°10 | 19°22 | 15°38 | 7°15 | 8°33 | 16° 7 | 13°18 | T 12 |
| W13 | 9 33 39 | 23°53'09 | 1중 6 | 16°50 | 11°56 | 0°51 | 1°53 | 7°29 | 29°13 | 19°24 | 15°40 | 7°10 | 8°29 | 16°14 | 13°23 | W13 |
| T 14 | 9 37 35 | 24°54'10 | 13° 9 | 15°43 | 13°12 | 1°38 | 1°57 | 7°36 | 29°15 | 19°26 | 15°42 | 7° 3 | 8°26 | 16°20 | 13°27 | T 14 |
| F 15 | 9 41 32 | 25°55'11 | 25°22 | 14°44 | 14°27 | 2°26 | 2° 1 | 7°43 | 29°18 | 19°28 | 15°44 | 6°55 | 8°23 | 16°27 | 13°32 | F 15 |
| S 16 | 9 45 28 | 26°56'11 | 7≈47 | 13°52 | 15°42 | 3°13 | 2° 5 | 7°50 | 29°20 | 19°30 | 15°46 | 6°47 | 8°20 | 16°34 | 13°36 | S 16 |
| S 17 | 9 49 25 | 27°57'10 | 20°27 | 13° 9 | 16°58 | 4° 0 | 2°10 | 7°57 | 29°23 | 19°33 | 15°48 | 6°40 | 8°17 | 16°40 | 13°40 | S 17 |
| M18 | 9 53 22 | 28°58'09 | 3 ∺ 19 | 12°35 | 18°13 | 4°47 | 2°14 | 8° 5 | 29°25 | 19°35 | 15°49 | 6°35 | 8°14 | 16°47 | 13°44 | M18 |
| T 19 | 9 57 18 | 29°59'07 | 16°25 | 12°10 | 19°28 | 5°34 | 2°19 | 8°12 | 29°27 | 19°37 | 15°51 | 6°31 | 8°10 | 16°54 | 13°48 | T 19 |
| W20 | 10 1 15 | 1 光 0′04 | 29°44 | 11°54 | 20°44 | 6°22 | 2°24 | 8°19 | 29°29 | 19°39 | 15°53 | 6°29 | 8° 7 | 17° 1 | 13°52 | W20 |
| T 21 | 10 5 11 | 2° 1'01 | 13 Υ 13 | 11°D47 | 21°59 | 7° 9 | 2°29 | 8°26 | 29°32 | 19°41 | 15°55 | 6°D29 | 8° 4 | 17° 7 | 13°56 | T 21 |
| F 22 | 10 9 8 | 3° 1'56 | 26°53 | 11°48 | 23°14 | 7°56 | 2°35 | 8°33 | 29°34 | 19°43 | 15°56 | 6°30 | 8° 1 | 17°14 | 14° 0 | F 22 |
| S 23 | 10 13 4 | 4° 2'50 | 10842 | 11°56 | 24°30 | 8°43 | 2°40 | 8°40 | 29°36 | 19°46 | 15°58 | 6°32 | 7°58 | 17°21 | 14° 3 | S 23 |
| S 24 | 10 17 1 | 5° 3'43 | 24°40 | 12°11 | 25°45 | 9°31 | 2°46 | 8°47 | 29°38 | 19°48 | 16° 0 | 6°33 | 7°54 | 17°27 | 14° 7 | S 24 |
| M25 | 10 20 57 | 6° 4'35 | 8 Ⅱ 47 | 12°33 | 27° 0 | 10°18 | 2°52 | 8°55 | 29°40 | 19°50 | 16° 1 | 6°R33 | 7°51 | 17°34 | 14°10 | M25 |
| T 26 | 10 24 54 | 7° 5'26 | 23° 0 | 13° 0 | 28°16 | 11° 5 | 2°58 | 9° 2 | 29°42 | 19°52 | 16° 3 | 6°32 | 7°48 | 17°41 | 14°13 | T 26 |
| W27 | 10 28 51 | 8° 6'16 | 79517 | 13°33 | 29°31 | 11°53 | 3° 4 | 9° 9 | 29°44 | 19°55 | 1 <u>6</u> ° 4 | 6°30 | 7°45 | 17°48 | 14°16 | W27 |
| T 28 | 10 32 47 | 9 米 7'04 | 219936 | 14≈11 | 0) 46 | 12) (40 | 3 I 11 | 9 米 16 | 29 х 46 | 19 米 57 | 16중 6 | 6 Ƴ 27 | 7 Υ 42 | 17 ∡ 754 | 14 × 19 | T 28 |

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|-------------|----------------------|------------------------------|------------------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|-----------------|-------------|
| F 1 | 10 36 44 | 10 米 7'51 | 5 Ω 52 | 14≈53 | 2) 1 | 13 ∺ 27 | 3 Ⅱ 17 | 9 ∺ 23 | 29 х 47 | 19 米 59 | 16 ප 7 | 6°R23 | 7 Ƴ 39 | 18 才 1 | 14 × 122 | F 1 |
| S 2 | 10 40 40 | 11° 8'36 | 20° 0 | 15°40 | 3°17 | 14°15 | 3°24 | 9°30 | 29°49 | 20° 1 | 16° 9 | 6 Ƴ 19 | 7°35 | 18° 8 | 14°25 | S 2 |
| S 3 | 10 44 37 | 12° 9'21 | 3 m 56 | 16°30 | 4°32 | 15° 2 | 3°31 | 9°38 | 29°51 | 20° 4 | 16°10 | 6°15 | 7°32 | 18°14 | 14°28 | S 3 |
| M 4 | 10 48 33 | 13°10'04 | 17°36 | 17°23 | 5°47 | 15°50 | 3°38 | 9°45 | 29°53 | 20° 6 | 16°12 | 6°13 | 7°29 | 18°21 | 14°31 | M 4 |
| T 5 | 10 52 30 | 14°10'46 | 0 <u>Ω</u> 58 | 18°20 | 7° 2 | 16°37 | 3°45 | 9°52 | 29°54 | 20° 8 | 16°13 | 6°D12 | 7°26 | 18°28 | 14°33 | T 5 |
| W 6 T 7 | 10 56 26 11 0 23 | 15°11'26 16°12'06 | 13°59 26°42 | 19°20 20°22 | 8°18 9°33 | 17°24 18°12 | 3°52 4° 0 | 9°59 10° 6 | 29°56 29°57 | 20°10 20°13 | 16°15 16°16 | 6°12 6°13 | 7°23 7°20 | 18°35 18°41 | 14°36 14°38 | W 6 T 7 |
| F 8 | 11 4 20 | 17°12'45 | 9M 6 | 20°22 21°27 | 10°48 | 18°59 | 4° 8 | 10°13 | 29°59 | 20°15 | 16°17 | 6°15 | 7°16 | 18°48 | 14°40 | F 8 |
| S 9 | 11 8 16 | 18°13'23 | 21°17 | 22°34 | 12° 3 | 19°47 | 4°15 | 10°21 | 0 වී | 20°17 | 16°18 | 6°16 | 7°13 | 18°55 | 14°42 | S 9 |
| S 10 | 11 12 13 | 19°13'59 | 3 ₹ 16 | 23°43 | 13°19 | 20°34 | 4°23 | 10°28 | 0° 2 | 20°19 | 16°20 | 6°18 | 7°10 | 19° 1 | 14°44 | S 10 |
| M11 | 11 16 9 | 20°14'35 | 15°10 | 24°55 | 14°34 | 21°22 | 4°32 | 10°35 | 0° 3 | 20°22 | 16°21 | 6°R18 | 7° 7 | 19° 8 | 14°46 | M11 |
| T 12 | 11 20 6 | 21°15'10 | 27° 2 | 26° 8 | 15°49 | 22° 9 | 4°40 | 10°42 | 0° 4 | 20°24 | 16°22 | 6°18 | 7° 4 | 19°15 | 14°48 | T 12 |
| W13 | 11 24 2 | 22°15'43 | 8 궁 58 | 27°22 | 17° 4 | 22°56 | 4°48 | 10°49 | 0° 6 | 20°26 | 16°23 | 6°18 | 7° 0 | 19°22 | 14°50 | W13 |
| T 14 | 11 27 59 | 23°16'16 | 21° 2 | 28°39 | 18°19 | 23°44 | 4°57 | 10°56 | 0° 7 | 20°29 | 16°25 | 6°16 | 6°57 | 19°28 | 14°51 | T 14 |
| F 15 | 11 31 55 | 24°16'47 | 3≈17 | 29°56 | 19°35 | 24°31 | 5° 5 | 11° 3 | 0° 8 | 20°31 | 16°26 | 6°15 | 6°54 | 19°35 | 14°53 | F 15 |
| S 16 | 11 35 52 | 25°17'17 | 15°49 | 1) 16 | 20°50 | 25°19 | 5°14 | 11°10 | 0° 9 | 20°33 | 16°27 | 6°13 | 6°51 | 19°42 | 14°54 | S 16 |
| S 17 | 11 39 49 | 26°17'46 | 28°37 | 2°37 | 22° 5 | 26° 6 | 5°23 | 11°17 | 0°10 | 20°35 | 16°28 | 6°11 | 6°48 | 19°48 | 14°55 | S 17 |
| M18 | 11 43 45 | 27°18'13 | 11) 45 | 3°59 | 23°20 | 26°54 | 5°32 | 11°24 | 0°11 | 20°38 | 16°29 | 6°10 | 6°45 | 19°55 | 14°56 | M18 |
| T 19 | 11 47 42 | 28°18'39 | 25°11 | 5°22 | 24°35 | 27°41 | 5°41 | 11°31 | 0°12 | 20°40 | 16°30 | 6°10 | 6°41 | 20° 2 | 14°57 | T 19 |
| W20 T 21 | 11 51 38 11 55 35 | 29°19'03 0 ° 19'25 | 8 Υ 54 22°51 | 6°47 8°12 | 25°50 27° 6 | 28°29 29°16 | 5°51 6° 0 | 11°38 11°45 | 0°13 0°13 | 20°42 20°44 | 16°31 16°32 | 6°D10 6°10 | 6°38 6°35 | 20° 9 20°15 | 14°58 14°59 | W20 T 21 |
| F 22 | 11 59 31 | 1°19'46 | 6 8 59 | 9°39 | 28°21 | 0° 4 | 6°10 | 11°52 | 0°14 | 20°47 | 16°33 | 6°10 | 6°32 | 20°13 | 15° 0 | F 22 |
| S 23 | 12 3 28 | 2°20'06 | 21°14 | 11° 7 | 29°36 | 0°51 | 6°19 | 11°59 | 0°15 | 20°49 | 16°34 | 6°11 | 6°29 | 20°29 | 15° 0 | S 23 |
| S 24 | 12 7 24 | 3°20'23 | 5 Ⅱ 32 | 12°37 | 0 Υ 51 | 1°38 | 6°29 | 12° 6 | 0°15 | 20°51 | 16°34 | 6°11 | 6°26 | 20°35 | 15° 1 | S 24 |
| M25 | 12 11 21 | 4°20'39 | 19°49 | 14° 7 | 2° 6 | 2°26 | 6°39 | 12°13 | 0°16 | 20°53 | 16°35 | 6°11 | 6°22 | 20°42 | 15° 1 | M25 |
| T 26 | 12 15 18 | 5°20'52 | 495 2 | 15°39 | 3°21 | 3°13 | 6°49 | 12°20 | 0°17 | 20°56 | 16°36 | 6°R11 | 6°19 | 20°49 | 15° 1 | T 26 |
| W27 | 12 19 14 | 6°21'04 | 18°10 | 17°11 | 4°36 | 4° 1 | 6°59 | 12°26 | 0°17 | 20°58 | 16°37 | 6°D11 | 6°16 | 20°56 | 15° 1 | W27 |
| T 28 | 12 23 11 | 7°21'13 | 2 Ω 10 | 18°45 | 5°51 | 4°48 | 7°10 | 12°33 | 0°17 | 21° 0 | 16°38 | 6°11 | 6°13 | 21° 2 | 15°R 1 | T 28 |
| F 29 | 12 27 7 | 8°21'21 | 16° 0 | 20°20 | 7° 6 | 5°35 | 7°20 | 12°40 | 0°18 | 21° 2 | 16°38 | 6°12 | 6°10 | 21° 9 | 15° 1 | F 29 |
| S 30 | 12 31 4 | 9°21'27 | 29°39 | 21°55 | 8°21 | 6°23 | 7°31 | 12°47 | 0°18 | 21° 5 | 16°39 | 6°12 | 6° 6 | 21°16 | 15° 1 | S 30 |
| S 31 | 12 35 0 | 10 Y 21'30 | 13 Mp 6 | 23 米 32 | 9 Ƴ 36 | 7 Υ 10 | 7 Ⅱ 41 | 12 米 53 | 0 궁 18 | 21 米 7 | 16 ට 39 | 6 Υ 12 | 6 ℃ 3 | 21 × 22 | 15 ×7 1 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| ¥ | В | V | v | Ç | ę, | Day |
|------|----------|-------------------|-----------------|----------------|----------------|---------------|----------------|-----------------|---------------|---------------|-----------------|---------------|--------------|-----------------|-----------------|------|
| M 1 | 12 38 57 | 11 Y 21'32 | 26 M)21 | 25) 10 | 10 Y 51 | 7 Ƴ 58 | 7∐52 | 13) € 0 | 0 궁 19 | 21 米 9 | 16 궁 40 | 6 Υ 12 | 6 Υ 0 | 21 × 129 | 15°R 0 | M 1 |
| T 2 | 12 42 53 | 12°21'31 | 9 ₽ 21 | 26°50 | 12° 6 | 8°45 | 8° 3 | 13° 6 | 0°19 | 21°11 | 16°41 | 6°R12 | 5°57 | 21°36 | 15 ⋌ ¹ 0 | T 2 |
| W 3 | 12 46 50 | 13°21'29 | 22° 8 | 28°30 | 13°21 | 9°32 | 8°14 | 13°13 | 0°19 | 21°13 | 16°41 | 6°12 | 5°54 | 21°43 | 14°59 | W 3 |
| T 4 | 12 50 46 | 14°21'25 | 4 M .40 | o Υ 11 | 14°36 | 10°19 | 8°25 | 13°19 | 0°R19 | 21°15 | 16°42 | 6°12 | 5°51 | 21°49 | 14°58 | T 4 |
| F 5 | 12 54 43 | 15°21'20 | 17° 0 | 1°54 | 15°51 | 11° 7 | 8°36 | 13°26 | 0°19 | 21°17 | 16°42 | 6°10 | 5°47 | 21°56 | 14°58 | F 5 |
| S 6 | 12 58 40 | 16°21'13 | 29° 8 | 3°38 | 17° 6 | 11°54 | 8°47 | 13°32 | 0°19 | 21°20 | 16°43 | 6° 9 | 5°44 | 22° 3 | 14°57 | S 6 |
| S 7 | 13 2 36 | 17°21'04 | 11🗷 8 | 5°23 | 18°20 | 12°41 | 8°58 | 13°39 | 0°19 | 21°22 | 16°43 | 6° 7 | 5°41 | 22°10 | 14°55 | S 7 |
| M 8 | 13 6 33 | 18°20'54 | 23° 2 | 7° 9 | 19°35 | 13°29 | 9°10 | 13°45 | 0°18 | 21°24 | 16°43 | 6° 6 | 5°38 | 22°16 | 14°54 | M 8 |
| T 9 | 13 10 29 | 19°20'42 | 4 る 54 | 8°56 | 20°50 | 14°16 | 9°21 | 13°51 | 0°18 | 21°26 | 16°44 | 6° 5 | 5°35 | 22°23 | 14°53 | T 9 |
| W10 | 13 14 26 | 20°20'28 | 16°49 | 10°45 | 22° 5 | 15° 3 | 9°33 | 13°58 | 0°18 | 21°28 | 16°44 | 6°D 4 | 5°32 | 22°30 | 14°52 | W10 |
| T 11 | 13 18 22 | 21°20'13 | 28°52 | 12°34 | 23°20 | 15°50 | 9°44 | 14° 4 | 0°18 | 21°30 | 16°44 | 6° 4 | 5°28 | 22°36 | 14°50 | T 11 |
| F 12 | 13 22 19 | 22°19'56 | 11≈ 6 | 14°25 | 24°35 | 16°37 | 9°56 | 14°10 | 0°17 | 21°32 | 16°44 | 6° 5 | 5°25 | 22°43 | 14°49 | F 12 |
| S 13 | 13 26 15 | 23°19'38 | 23°36 | 16°17 | 25°49 | 17°25 | 10° 8 | 14°16 | 0°17 | 21°34 | 16°45 | 6° 6 | 5°22 | 22°50 | 14°47 | S 13 |
| S 14 | 13 30 12 | 24°19'17 | 6) €27 | 18°11 | 27° 4 | 18°12 | 10°20 | 14°22 | 0°16 | 21°36 | 16°45 | 6° 8 | 5°19 | 22°57 | 14°45 | S 14 |
| M15 | 13 34 9 | 25°18'55 | 19°40 | 20° 6 | 28°19 | 18°59 | 10°32 | 14°28 | 0°16 | 21°38 | 16°45 | 6° 9 | 5°16 | 23° 3 | 14°43 | M15 |
| T 16 | 13 38 5 | 26°18'31 | 3 Ƴ 18 | 22° 1 | 29°34 | 19°46 | 10°44 | 14°34 | 0°15 | 21°40 | 16°45 | 6°R10 | 5°12 | 23°10 | 14°41 | T 16 |
| W17 | 13 42 2 | 27°18'06 | 17°18 | 23°58 | 0 8 48 | 20°33 | 10°56 | 14°40 | 0°14 | 21°42 | 16°45 | 6° 9 | 5° 9 | 23°17 | 14°39 | W17 |
| T 18 | 13 45 58 | 28°17'38 | 1 8 39 | 25°57 | 2° 3 | 21°20 | 11°8 | 14°46 | 0°14 | 21°44 | 16°R45 | 6° 8 | 5° 6 | 23°23 | 14°37 | T 18 |
| F 19 | 13 49 55 | 29°17'09 | 16°15 | 27°56 | 3°18 | 22° 7 | 11°21 | 14°52 | 0°13 | 21°46 | 16°45 | 6° 6 | 5° 3 | 23°30 | 14°35 | F 19 |
| S 20 | 13 53 51 | 0 8 16'38 | 0П59 | 29°56 | 4°32 | 22°54 | 11°33 | 14°58 | 0°12 | 21°48 | 16°45 | 6° 2 | 5° 0 | 23°37 | 14°32 | S 20 |
| S 21 | 13 57 48 | 1°16'04 | 15°44 | 1 8 57 | 5°47 | 23°41 | 11°45 | 15° 3 | 0°11 | 21°50 | 16°45 | 5°59 | 4°57 | 23°44 | 14°30 | S 21 |
| M22 | 14 1 44 | 2°15'29 | 09522 | 3°59 | 7° 1 | 24°28 | 11°58 | 15° 9 | 0°10 | 21°51 | 16°45 | 5°56 | 4°53 | 23°50 | 14°27 | M22 |
| T 23 | 14 5 41 | 3°14'51 | 14°49 | 6° 2 | 8°16 | 25°15 | 12°11 | 15°15 | 0°10 | 21°53 | 16°45 | 5°53 | 4°50 | 23°57 | 14°25 | T 23 |
| W24 | 14 9 38 | 4°14'11 | 29° 0 | 8° 5 | 9°31 | 26° 2 | 12°23 | 15°20 | 0° 9 | 21°55 | 16°45 | 5°D52 | 4°47 | 24° 4 | 14°22 | W24 |
| T 25 | 14 13 34 | 5°13'29 | $12\Omega54$ | 10° 9 | 10°45 | 26°48 | 12°36 | 15°26 | 0° 7 | 21°57 | 16°44 | 5°52 | 4°44 | 24°10 | 14°19 | T 25 |
| F 26 | 14 17 31 | 6°12'44 | 26°31 | 12°13 | 12° 0 | 27°35 | 12°49 | 15°31 | 0° 6 | 21°59 | 16°44 | 5°53 | 4°41 | 24°17 | 14°16 | F 26 |
| S 27 | 14 21 27 | 7°11'57 | 9 m 50 | 14°16 | 13°14 | 28°22 | 13° 2 | 15°36 | 0° 5 | 22° 0 | 16°44 | 5°55 | 4°37 | 24°24 | 14°13 | S 27 |
| S 28 | 14 25 24 | 8°11'08 | 22°55 | 16°19 | 14°29 | 29° 9 | 13°14 | 15°42 | 0° 4 | 22° 2 | 16°44 | 5°56 | 4°34 | 24°31 | 14°10 | S 28 |
| M29 | 14 29 20 | 9°10'17 | 5 ≏ 46 | 18°22 | 15°43 | 29°55 | 13°27 | 15°47 | 0° 3 | 22° 4 | 16°43 | 5°R57 | 4°31 | 24°37 | 14° 7 | M29 |
| T 30 | 14 33 17 | 108 9'23 | 18 ≏ 25 | 20823 | 16 8 57 | 0 8 42 | 13 Ⅱ 40 | 15 ∺ 52 | 0중 2 | 22) 5 | 16 පි 43 | 5 Υ 56 | 4 Υ28 | 24 ₹ 44 | 14 才 4 | T 30 |

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| W 1 | 14 37 13 | 11 8 8'28 | 0 M .53 | 22 8 23 | 18 8 12 | 1 8 29 | 13 Ⅱ 53 | 15) 57 | 0°R 0 | 22) 7 | 16°R42 | 5°R54 | 4 Υ 25 | 24 × 751 | 14°R 1 | W 1 |
| T 2 | 14 41 10 | 12° 7'30 | 13°12 | 24°21 | 19°26 | 2°15 | 14° 7 | 16° 2 | 29 × 759 | 22° 9 | 16 පි 42 | 5 Υ 50 | 4°22 | 24°58 | 13 × 757 | T 2 |
| F 3 | 14 45 7 | 13° 6'31 | 25°22 | 26°17 | 20°41 | 3° 2 | 14°20 | 16° 7 | 29°57 | 22°10 | 16°42 | 5°44 | 4°18 | 25° 4 | 13°54 | F 3 |
| S 4 | 14 49 3 | 14° 5'30 | 7 ,₹ 25 | 28°11 | 21°55 | 3°49 | 14°33 | 16°12 | 29°56 | 22°12 | 16°41 | 5°37 | 4°15 | 25°11 | 13°50 | S 4 |
| S 5 | 14 53 0 | 15° 4'27 | 19°21 | 0 Π 2 | 23° 9 | 4°35 | 14°46 | 16°17 | 29°55 | 22°13 | 16°41 | 5°29 | 4°12 | 25°18 | 13°47 | S 5 |
| M 6 | 14 56 56 | 16° 3'22 | 1 ਰ 15 | 1°49 | 24°24 | 5°21 | 14°59 | 16°22 | 29°53 | 22°15 | 16°40 | 5°22 | 4° 9 | 25°24 | 13°43 | M 6 |
| T 7 | 15 0 53 | 17° 2'16 | 13° 7 | 3°33 | 25°38 | 6° 8 | 15°13 | 16°26 | 29°51 | 22°17 | 16°40 | 5°16 | 4° 6 | 25°31 | 13°39 | T 7 |
| W 8 | 15 4 49 | 18° 1'07 | 25° 1 | 5°13 | 26°52 | 6°54 | 15°26 | 16°31 | 29°50 | 22°18 | 16°39 | 5°12 | 4° 3 | 25°38 | 13°36 | W 8 |
| T 9 | 15 8 46 | 18°59'57 | 7 ≈ 2 | 6°50 | 28° 6 | 7°41 | 15°40 | 16°36 | 29°48 | 22°19 | 16°38 | 5° 9 | 3°59 | 25°45 | 13°32 | T 9 |
| F 10 | 15 12 42 | 19°58'46 | 19°13 | 8°22 | 29°20 | 8°27 | 15°53 | 16°40 | 29°46 | 22°21 | 16°38 | 5°D 8 | 3°56 | 25°51 | 13°28 | F 10 |
| S 11 | 15 16 39 | 20°57'33 | 1) (39 | 9°49 | 0 Ⅱ 35 | 9°13 | 16° 7 | 16°44 | 29°45 | 22°22 | 16°37 | 5° 9 | 3°53 | 25°58 | 13°24 | S 11 |
| S 12 | 15 20 36 | 21°56'18 | 14°26 | 11°12 | 1°49 | 10° 0 | 16°20 | 16°49 | 29°43 | 22°24 | 16°36 | 5°10 | 3°50 | 26° 5 | 13°20 | S 12 |
| M13 | 15 24 32 | 22°55'01 | 27°37 | 12°30 | 3° 3 | 10°46 | 16°34 | 16°53 | 29°41 | 22°25 | 16°35 | 5°11 | 3°47 | 26°11 | 13°16 | M13 |
| T 14 | 15 28 29 | 23°53'43 | 11 Y 15 | 13°43 | 4°17 | 11°32 | 16°48 | 16°57 | 29°39 | 22°26 | 16°35 | 5°R11 | 3°43 | 26°18 | 13°12 | T 14 |
| W15 | 15 32 25 | 24°52'23 | 25°21 | 14°50 | 5°31 | 12°18 | 17° 1 | 17° 1 | 29°37 | 22°28 | 16°34 | 5° 9 | 3°40 | 26°25 | 13° 8 | W15 |
| T 16 | 15 36 22 | 25°51'01 | 9 8 52 | 15°53 | 6°45 | 13° 4 | 17°15 | 17° 5 | 29°36 | 22°29 | 16°33 | 5° 5 | 3°37 | 26°32 | 13° 4 | T 16 |
| F 17 | 15 40 18 | 26°49'38 | 24°45 | 16°50 | 7°59 | 13°50 | 17°29 | 17° 9 | 29°34 | 22°30 | 16°32 | 4°59 | 3°34 | 26°38 | 13° 0 | F 17 |
| S 18 | 15 44 15 | 27°48'13 | 9 Ⅱ 51 | 17°42 | 9°13 | 14°36 | 17°42 | 17°13 | 29°32 | 22°31 | 16°31 | 4°52 | 3°31 | 26°45 | 12°55 | S 18 |
| S 19 | 15 48 11 | 28°46'47 | 25° 0 | 18°29 | 10°28 | 15°22 | 17°56 | 17°17 | 29°30 | 22°33 | 16°30 | 4°44 | 3°28 | 26°52 | 12°51 | S 19 |
| M20 | 15 52 8 | 29°45'18 | 1095 1 | 19°10 | 11°42 | 16° 8 | 18°10 | 17°21 | 29°28 | 22°34 | 16°30 | 4°36 | 3°24 | 26°59 | 12°47 | M20 |
| T 21 | 15 56 5 | 0 Ⅲ 43'47 | 24°47 | 19°45 | 12°56 | 16°54 | 18°24 | 17°24 | 29°26 | 22°35 | 16°29 | 4°30 | 3°21 | 27° 5 | 12°43 | T 21 |
| W22 | 16 0 1 | 1°42'15 | 9Ω11 | 20°15 | 14° 9 | 17°40 | 18°38 | 17°28 | 29°23 | 22°36 | 16°28 | 4°25 | 3°18 | 27°12 | 12°38 | W22 |
| T 23 | 16 3 58 | 2°40'40 | 23°10 | 20°39 | 15°23 | 18°26 | 18°52 | 17°31 | 29°21 | 22°37 | 16°27 | 4°23 | 3°15 | 27°19 | 12°34 | T 23 |
| F 24 | 16 7 54 | 3°39'03 | 6 M p45 | 20°57 | 16°37 | 19°11 | 19° 6 | 17°34 | 29°19 | 22°38 | 16°26 | 4°D23 | 3°12 | 27°25 | 12°29 | F 24 |
| S 25 | 16 11 51 | 4°37'23 | 19°57 | 21°10 | 17°51 | 19°57 | 19°20 | 17°38 | 29°17 | 22°39 | 16°25 | 4°23 | 3° 9 | 27°32 | 12°25 | S 25 |
| S 26 | 16 15 47 | 5°35'42 | 2 ჲ 50 | 21°18 | 19° 5 | 20°43 | 19°34 | 17°41 | 29°15 | 22°40 | 16°23 | 4°R24 | 3° 5 | 27°39 | 12°21 | S 26 |
| M27 | 16 19 44 | 6°33'59 | 15°26 | 21°R20 | 20°19 | 21°28 | 19°48 | 17°44 | 29°13 | 22°41 | 16°22 | 4°23 | 3° 2 | 27°46 | 12°16 | M27 |
| T 28 | 16 23 40 | 7°32'14 | 27°50 | 21°17 | 21°33 | 22°14 | 20° 2 | 17°47 | 29°10 | 22°42 | 16°21 | 4°21 | 2°59 | 27°52 | 12°12 | T 28 |
| W29 | 16 27 37 | 8°30'27 | 10 M 4 | 21° 8 | 22°47 | 22°59 | 20°16 | 17°50 | 29° 8 | 22°43 | 16°20 | 4°16 | 2°56 | 27°59 | 12° 7 | W29 |
| T 30 | 16 31 34 | 9°28'39 | 22°10 | 20°56 | 24° 0 | 23°45 | 20°30 | 17°53 | 29° 6 | 22°44 | 1 <u>6</u> °19 | 4° 8 | 2°53 | 28° 6 | 12° 3 | T 30 |
| F 31 | 16 35 30 | 10 Ⅱ 26'49 | 4 ₹ 11 | 20 Ⅱ 38 | 25 Ⅱ 14 | 24 8 30 | 20 Ⅱ 44 | 17) 55 | 29 × 3 | 22) (44 | 16 궁 18 | 3 Υ58 | 2 Υ 49 | 28 × 12 | 11 ~ 58 | F 31 |

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| S 1 | 16 39 27 | 11 Ⅱ 24'57 | 16 ₹ 7 | 20°R17 | 26∏28 | 25 8 16 | 20 Ⅱ 58 | 17) 58 | 29°R 1 | 22) 45 | 16°R17 | 3°R46 | 2 Υ 46 | 28 × 19 | 11°R54 | S 1 |
| S 2 | 16 43 23 | 12°23'03 | 28° 1 | 19 Ⅱ 52 | 27°41 | 26° 1 | 21°12 | 18° 1 | 28 × 759 | 22°46 | 16 ප 15 | 3 Y 33 | 2°43 | 28°26 | 11 .7 49 | S 2 |
| M 3 | 16 47 20 | 13°21'09 | 9 ප 54 | 19°23 | 28°55 | 26°46 | 21°26 | 18° 3 | 28°56 | 22°47 | 16°14 | 3°20 | 2°40 | 28°33 | 11°45 | M 3 |
| T 4 | 16 51 16 | 14°19'12 | 21°47 | 18°52 | 099 9 | 27°32 | 21°40 | 18° 5 | 28°54 | 22°47 | 16°13 | 3° 9 | 2°37 | 28°39 | 11°40 | T 4 |
| W 5 | 16 55 13 | 15°17'14 | 3≈42 | 18°19 | 1°22 | 28°17 | 21°55 | 18° 8 | 28°52 | 22°48 | 16°12 | 3° 0 | 2°34 | 28°46 | 11°36 | W 5 |
| T 6 | 16 59 10 | 16°15'15 | 15°44 | 17°45 | 2°36 | 29° 2 | 22° 9 | 18°10 | 28°49 | 22°49 | 16°10 | 2°54 | 2°30 | 28°53 | 11°31 | T 6 |
| F 7 | 17 3 6 | 17°13'15 | 27°54 | 17° 9 | 3°50 | 29°47 | 22°23 | 18°12 | 28°47 | 22°49 | 16° 9 | 2°50 | 2°27 | 29° 0 | 11°27 | F 7 |
| S 8 | 17 7 3 | 18°11'13 | 10 ∺ 19 | 16°34 | 5° 3 | 0Д32 | 22°37 | 18°14 | 28°44 | 22°50 | 16° 8 | 2°49 | 2°24 | 29° 6 | 11°22 | S 8 |
| S 9 | 17 10 59 | 19° 9'10 | 23° 1 | 15°59 | 6°17 | 1°17 | 22°51 | 18°16 | 28°42 | 22°50 | 16° 6 | 2°D49 | 2°21 | 29°13 | 11°18 | S 9 |
| M10 | 17 14 56 | 20° 7'06 | 6 Y 6 | 15°25 | 7°30 | 2° 2 | 23° 5 | 18°18 | 28°39 | 22°51 | 16° 5 | 2°R49 | 2°18 | 29°20 | 11°13 | M10 |
| T 11 | 17 18 52 | 21° 5'01 | 19°38 | 14°52 | 8°44 | 2°47 | 23°19 | 18°19 | 28°37 | 22°51 | 16° 4 | 2°48 | 2°15 | 29°26 | 11° 9 | T 11 |
| W12 | 17 22 49 | 22° 2'54 | 3 8 39 | 14°21 | 9°57 | 3°32 | 23°34 | 18°21 | 28°34 | 22°52 | 16° 2 | 2°45 | 2°11 | 29°33 | 11° 5 | W12 |
| T 13 | 17 26 45 | 23° 0'47 | 18° 8 | 13°54 | 11°11 | 4°16 | 23°48 | 18°23 | 28°32 | 22°52 | 16° 1 | 2°40 | 2° 8 | 29°40 | 11° 0 | T 13 |
| F 14 | 17 30 42 | 23°58'38 | 3 Ⅱ 2 | 13°29 | 12°24 | 5° 1 | 24° 2 | 18°24 | 28°30 | 22°53 | 15°59 | 2°32 | 2° 5 | 29°47 | 10°56 | F 14 |
| S 15 | 17 34 39 | 24°56'29 | 18°14 | 13° 7 | 13°37 | 5°46 | 24°16 | 18°25 | 28°27 | 22°53 | 15°58 | 2°22 | 2° 2 | 29°53 | 10°52 | S 15 |
| S 16 | 17 38 35 | 25°54'18 | 3934 | 12°49 | 14°51 | 6°30 | 24°30 | 18°27 | 28°25 | 22°53 | 15°56 | 2°11 | 1°59 | 0 る | 10°48 | S 16 |
| M17 | 17 42 32 | 26°52'06 | 18°49 | 12°36 | 16° 4 | 7°15 | 24°45 | 18°28 | 28°22 | 22°54 | 15°55 | 2° 1 | 1°55 | 0° 7 | 10°43 | M17 |
| T 18 | 17 46 28 | 27°49'52 | 3 Ω 49 | 12°26 | 17°18 | 8° 0 | 24°59 | 18°29 | 28°20 | 22°54 | 15°53 | 1°52 | 1°52 | 0°14 | 10°39 | T 18 |
| W19 | 17 50 25 | 28°47'37 | 18°27 | 12°21 | 18°31 | 8°44 | 25°13 | 18°30 | 28°17 | 22°54 | 15°52 | 1°45 | 1°49 | 0°20 | 10°35 | W19 |
| T 20 | 17 54 21 | 29°45'20 | 2 m 36 | 12°D20 | 19°44 | 9°28 | 25°27 | 18°31 | 28°15 | 22°54 | 15°51 | 1°41 | 1°46 | 0°27 | 10°31 | T 20 |
| F 21 | 17 58 18 | 09543'02 | 16°18 | 12°23 | 20°57 | 10°13 | 25°41 | 18°31 | 28°12 | 22°54 | 15°49 | 1°40 | 1°43 | 0°34 | 10°27 | F 21 |
| S 22 | 18 2 14 | 1°40'42 | 29°32 | 12°32 | 22°11 | 10°57 | 25°55 | 18°32 | 28°10 | 22°54 | 15°47 | 1°39 | 1°40 | 0°40 | 10°23 | S 22 |
| S 23 | 18 611 | 2°38'21 | 12 ≏ 22 | 12°44 | 23°24 | 11°41 | 26° 9 | 18°32 | 28° 7 | 22°54 | 15°46 | 1°39 | 1°36 | 0°47 | 10°19 | S 23 |
| M24 | 18 10 8 | 3°35'59 | 24°54 | 13° 1 | 24°37 | 12°25 | 26°23 | 18°33 | 28° 5 | 22°55 | 15°44 | 1°38 | 1°33 | 0°54 | 10°15 | M24 |
| T 25 | 18 14 4 | 4°33'35 | 7 M ₊10 | 13°22 | 25°50 | 13°10 | 26°38 | 18°33 | 28° 2 | 22°R55 | 15°43 | 1°35 | 1°30 | 1° 1 | 10°11 | T 25 |
| W26 | 18 18 1 | 5°31'10 | 19°16 | 13°48 | 27° 3 | 13°54 | 26°52 | 18°34 | 28° 0 | 22°54 | 15°41 | 1°29 | 1°27 | 1° 7 | 10° 8 | W26 |
| T 27 | 18 21 57 | 6°28'44 | 1 才 15 | 14°18 | 28°16 | 14°38 | 27° 6 | 18°34 | 27°57 | 22°54 | 15°40 | 1°21 | 1°24 | 1°14 | 10° 4 | T 27 |
| F 28 | 18 25 54 | 7°26'16 | 13°10 | 14°52 | 29°30 | 15°22 | 27°20 | 18°R34 | 27°55 | 22°54 | 15°38 | 1°10 | 1°21 | 1°21 | 10° 0 | F 28 |
| S 29 | 18 29 50 | 8°23'48 | 25° 3 | 15°30 | 0 Ω 43 | 16° 6 | 27°34 | 18°34 | 27°52 | 22°54 | 15°37 | 0°57 | 1°17 | 1°27 | 9°57 | S 29 |
| S 30 | 18 33 47 | 99521'18 | 6 ප 55 | 16耳12 | 1 Q 56 | 16 Ⅱ 49 | 27 Ⅱ 48 | 18 ∺ 34 | 27 ∡ 150 | 22) 54 | 15 る 35 | 0 Υ 43 | 1 Υ 14 | 1 る 34 | 9 ∡ 153 | S 30 |

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| Day | Sid.t | 0 | D | φ | Ş | ð | 4 | ħ |)Å(| 卉 | В | n | ß | Ç | Ş, | Day |
|------|----------|------------------|------------------|---------------|---------------|-----------------|-------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|---------------|---------------|------|
| M 1 | 18 37 44 | 109518'48 | 18 궁 49 | 16耳59 | 3 N 9 | 17 Ⅲ 33 | 28Ⅲ 2 | 18°R33 | 27°R47 | 22°R54 | 15°R34 | 0°R30 | 1 Υ 11 | 1 る 41 | 9°R50 | M 1 |
| T 2 | 18 41 40 | 11°16'17 | 0≈46 | 17°48 | 4°22 | 18°17 | 28°16 | 18) 33 | 27 × 745 | 22) 5 4 | 15 る 32 | o Υ 17 | 1° 8 | 1°48 | 9 ₮ 46 | T 2 |
| W 3 | 18 45 37 | 12°13'45 | 12°47 | 18°42 | 5°35 | 19° 1 | 28°30 | 18°33 | 27°42 | 22°53 | 15°30 | 0° 8 | 1° 5 | 1°54 | 9°43 | W 3 |
| T 4 | 18 49 33 | 13°11'12 | 24°54 | 19°39 | 6°47 | 19°44 | 28°43 | 18°32 | 27°40 | 22°53 | 15°29 | 0° 0 | 1° 1 | 2° 1 | 9°40 | T 4 |
| F 5 | 18 53 30 | 14° 8'39 | 7 ∺ 9 | 20°40 | 8° 0 | 20°28 | 28°57 | 18°31 | 27°38 | 22°53 | 15°27 | 29 米 56 | 0°58 | 2° 8 | 9°37 | F 5 |
| S 6 | 18 57 26 | 15° 6'05 | 19°37 | 21°44 | 9°13 | 21°11 | 29°11 | 18°31 | 27°35 | 22°52 | 15°26 | 29°54 | 0°55 | 2°15 | 9°34 | S 6 |
| S 7 | 19 1 23 | 16° 3'30 | 2 Υ 21 | 22°52 | 10°26 | 21°55 | 29°25 | 18°30 | 27°33 | 22°52 | 15°24 | 29°D54 | 0°52 | 2°21 | 9°30 | S 7 |
| M 8 | 19 5 19 | 17° 0'55 | 15°24 | 24° 3 | 11°39 | 22°38 | 29°39 | 18°29 | 27°31 | 22°52 | 15°23 | 29°R54 | 0°49 | 2°28 | 9°28 | M 8 |
| T 9 | 19 9 16 | 17°58'20 | 28°50 | 25°17 | 12°52 | 23°22 | 29°53 | 18°28 | 27°28 | 22°51 | 15°21 | 29°54 | 0°46 | 2°35 | 9°25 | T 9 |
| W10 | 19 13 13 | 18°55'44 | 12842 | 26°35 | 14° 4 | 24° 5 | 0 ෙ 6 | 18°27 | 27°26 | 22°51 | 15°19 | 29°52 | 0°42 | 2°41 | 9°22 | W10 |
| T 11 | 19 17 9 | 19°53'08 | 27° 1 | 27°56 | 15°17 | 24°48 | 0°20 | 18°26 | 27°24 | 22°50 | 15°18 | 29°47 | 0°39 | 2°48 | 9°19 | T 11 |
| F 12 | 19 21 6 | 20°50'32 | 11 Ⅱ 44 | 29°20 | 16°30 | 25°31 | 0°34 | 18°24 | 27°22 | 22°50 | 15°16 | 29°41 | 0°36 | 2°55 | 9°17 | F 12 |
| S 13 | 19 25 2 | 21°47'55 | 26°47 | 09647 | 17°42 | 26°14 | 0°47 | 18°23 | 27°19 | 22°49 | 15°15 | 29°32 | 0°33 | 3° 2 | 9°14 | S 13 |
| S 14 | 19 28 59 | 22°45'18 | 1295 0 | 2°18 | 18°55 | 26°57 | 1° 1 | 18°21 | 27°17 | 22°49 | 15°13 | 29°23 | 0°30 | 3° 8 | 9°12 | S 14 |
| M15 | 19 32 55 | 23°42'41 | 27°13 | 3°51 | 20° 8 | 27°40 | 1°15 | 18°20 | 27°15 | 22°48 | 15°12 | 29°13 | 0°27 | 3°15 | 9° 9 | M15 |
| T 16 | 19 36 52 | 24°40'03 | $12\Omega15$ | 5°28 | 21°20 | 28°23 | 1°28 | 18°18 | 27°13 | 22°47 | 15°10 | 29° 5 | 0°23 | 3°22 | 9° 7 | T 16 |
| W17 | 19 40 48 | 25°37'24 | 26°58 | 7° 8 | 22°33 | 29° 6 | 1°42 | 18°16 | 27°11 | 22°47 | 15° 8 | 28°59 | 0°20 | 3°29 | 9° 5 | W17 |
| T 18 | 19 44 45 | 26°34'45 | 11 M p 14 | 8°51 | 23°45 | 29°49 | 1°55 | 18°15 | 27° 9 | 22°46 | 15° 7 | 28°56 | 0°17 | 3°35 | 9° 3 | T 18 |
| F 19 | 19 48 42 | 27°32'05 | 25° 2 | 10°36 | 24°58 | 0932 | 2° 9 | 18°13 | 27° 7 | 22°45 | 15° 5 | 28°D54 | 0°14 | 3°42 | 9° 1 | F 19 |
| S 20 | 19 52 38 | 28°29'24 | 8 ₾ 22 | 12°25 | 26°10 | 1°15 | 2°22 | 18°11 | 27° 5 | 22°44 | 15° 4 | 28°55 | 0°11 | 3°49 | 8°59 | S 20 |
| S 21 | 19 56 35 | 29°26'43 | 21°17 | 14°16 | 27°22 | 1°57 | 2°35 | 18° 8 | 27° 3 | 22°44 | 15° 2 | 28°55 | 0° 7 | 3°55 | 8°57 | S 21 |
| M22 | 20 0 31 | $0\Omega 24'02$ | 3 M .50 | 16°10 | 28°35 | 2°40 | 2°49 | 18° 6 | 27° 1 | 22°43 | 15° 1 | 28°R56 | 0° 4 | 4° 2 | 8°55 | M22 |
| T 23 | 20 4 28 | 1°21'19 | 16° 6 | 18° 7 | 29°47 | 3°22 | 3° 2 | 18° 4 | 26°59 | 22°42 | 14°59 | 28°54 | 0° 1 | 4° 9 | 8°54 | T 23 |
| W24 | 20 8 24 | 2°18'37 | 28°10 | 20° 6 | 0 m 59 | 4° 5 | 3°15 | 18° 2 | 26°57 | 22°41 | 14°58 | 28°51 | 29 米 58 | 4°16 | 8°52 | W24 |
| T 25 | 20 12 21 | 3°15'54 | 10 ∡ 6 | 22° 7 | 2°12 | 4°47 | 3°28 | 17°59 | 26°55 | 22°40 | 14°56 | 28°46 | 29°55 | 4°22 | 8°51 | T 25 |
| F 26 | 20 16 17 | 4°13'10 | 21°59 | 24°11 | 3°24 | 5°30 | 3°41 | 17°57 | 26°53 | 22°39 | 14°55 | 28°38 | 29°52 | 4°29 | 8°49 | F 26 |
| S 27 | 20 20 14 | 5°10'26 | 3 ਰ 51 | 26°16 | 4°36 | 6°12 | 3°54 | 17°54 | 26°51 | 22°38 | 14°53 | 28°29 | 29°48 | 4°36 | 8°48 | S 27 |
| S 28 | 20 24 11 | 6° 7'42 | 15°45 | 28°23 | 5°48 | 6°54 | 4° 7 | 17°51 | 26°50 | 22°37 | 14°52 | 28°19 | 29°45 | 4°42 | 8°47 | S 28 |
| M29 | 20 28 7 | 7° 4'58 | 27°43 | 0 Ω 31 | 7° 0 | 7°36 | 4°20 | 17°49 | 26°48 | 22°36 | 14°51 | 28°10 | 29°42 | 4°49 | 8°46 | M29 |
| T 30 | 20 32 4 | 8° 2'14 | 9 ≈ 46 | 2°40 | 8°12 | 8°18 | 4°33 | 17°46 | 26°46 | 22°35 | 1 <u>4</u> °49 | 28° 1 | 29°39 | <u>4</u> °56 | 8°45 | T 30 |
| W31 | 20 36 0 | 8 Ω 59'29 | 21≈57 | 4 Ω 49 | 9 m 24 | 9 9 90 0 | 49346 | 17) (43 | 26 ₹ 45 | 22) 34 | 14 る 48 | 27) 5 4 | 29 米 36 | 5 る 3 | 8 才 44 | W31 |

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|------|----------|------------------|-----------------|---------------|----------------|-------------|--------|------------------|-----------------|----------------|----------------|-----------------|----------------|---------------|---------------|------|
| T 1 | 20 39 57 | 9 Ω 56'45 | 4 ∺ 15 | 6 Ω 59 | 10 m 36 | 99542 | 4959 | 17°R40 | 26°R43 | 22°R33 | 14°R46 | 27°R50 | 29 米 33 | 5 ろ 9 | 8°R43 | T 1 |
| F 2 | 20 43 53 | 10°54'01 | 16°43 | 9° 9 | 11°48 | 10°24 | 5°11 | 17) (37 | 26 × 742 | 22) 32 | 14 궁 45 | 27){ 47 | 29°29 | 5°16 | 8 ~ 43 | F 2 |
| S 3 | 20 47 50 | 11°51'16 | 29°22 | 11°19 | 13° 0 | 11° 6 | 5°24 | 17°34 | 26°40 | 22°31 | 14°44 | 27°D46 | 29°26 | 5°23 | 8°42 | S 3 |
| S 4 | 20 51 47 | 12°48'33 | 12 Y 15 | 13°29 | 14°12 | 11°48 | 5°37 | 17°30 | 26°39 | 22°30 | 14°42 | 27°47 | 29°23 | 5°30 | 8°42 | S 4 |
| M 5 | 20 55 43 | 13°45'49 | 25°24 | 15°38 | 15°24 | 12°30 | 5°49 | 17°27 | 26°37 | 22°29 | 14°41 | 27°48 | 29°20 | 5°36 | 8°41 | M 5 |
| T 6 | 20 59 40 | 14°43'06 | 8 8 52 | 17°46 | 16°35 | 13°11 | 6° 2 | 17°24 | 26°36 | 22°28 | 14°40 | 27°R49 | 29°17 | 5°43 | 8°41 | T 6 |
| W 7 | 21 3 36 | 15°40'24 | 22°40 | 19°53 | 17°47 | 13°53 | 6°14 | 17°20 | 26°34 | 22°26 | 14°38 | 27°49 | 29°13 | 5°50 | 8°41 | W 7 |
| T 8 | 21 7 33 | 16°37'42 | 6 Ⅱ 48 | 21°58 | 18°59 | 14°35 | 6°26 | 17°17 | 26°33 | 22°25 | 14°37 | 27°48 | 29°10 | 5°56 | 8°D41 | T 8 |
| F 9 | 21 11 29 | 17°35'01 | 21°16 | 24° 2 | 20°10 | 15°16 | 6°39 | 17°13 | 26°32 | 22°24 | 14°36 | 27°44 | 29° 7 | 6° 3 | 8°41 | F 9 |
| S 10 | 21 15 26 | 18°32'21 | 69 0 | 26° 5 | 21°22 | 15°58 | 6°51 | 17°10 | 26°30 | 22°23 | 14°34 | 27°40 | 29° 4 | 6°10 | 8°41 | S 10 |
| S 11 | 21 19 22 | 19°29'41 | 20°53 | 28° 6 | 22°33 | 16°39 | 7° 3 | 17° 6 | 26°29 | 22°21 | 14°33 | 27°34 | 29° 1 | 6°17 | 8°41 | S 11 |
| M12 | 21 23 19 | 20°27'01 | 5 Ω 49 | 0 ™ 6 | 23°45 | 17°20 | 7°15 | 17° 2 | 26°28 | 22°20 | 14°32 | 27°29 | 28°58 | 6°23 | 8°42 | M12 |
| T 13 | 21 27 16 | 21°24'22 | 20°38 | 2° 4 | 24°56 | 18° 2 | 7°27 | 16°59 | 26°27 | 22°19 | 14°31 | 27°24 | 28°54 | 6°30 | 8°42 | T 13 |
| W14 | 21 31 12 | 22°21'43 | 5 Mp 12 | 4° 0 | 26° 8 | 18°43 | 7°39 | 16°55 | 26°26 | 22°17 | 14°30 | 27°21 | 28°51 | 6°37 | 8°43 | W14 |
| T 15 | 21 35 9 | 23°19'04 | 19°25 | 5°55 | 27°19 | 19°24 | 7°51 | 16°51 | 26°25 | 22°16 | 14°29 | 27°19 | 28°48 | 6°43 | 8°44 | T 15 |
| F 16 | 21 39 5 | 24°16'26 | 3 ≏ 13 | 7°48 | 28°30 | 20° 5 | 8° 2 | 16°47 | 26°24 | 22°14 | 14°27 | 27°D19 | 28°45 | 6°50 | 8°44 | F 16 |
| S 17 | 21 43 2 | 25°13'48 | 16°36 | 9°39 | 29°41 | 20°46 | 8°14 | 16°43 | 26°23 | 22°13 | 14°26 | 27°20 | 28°42 | 6°57 | 8°45 | S 17 |
| S 18 | 21 46 58 | 26°11'11 | 29°34 | 11°28 | 0 ჲ 53 | 21°27 | 8°26 | 16°39 | 26°22 | 22°12 | 14°25 | 27°22 | 28°39 | 7° 4 | 8°46 | S 18 |
| M19 | 21 50 55 | 27° 8'33 | 12 M .11 | 13°16 | 2° 4 | 22° 8 | 8°37 | 16°35 | 26°21 | 22°10 | 14°24 | 27°23 | 28°35 | 7°10 | 8°47 | M19 |
| T 20 | 21 54 51 | 28° 5'56 | 24°30 | 15° 1 | 3°15 | 22°49 | 8°49 | 16°31 | 26°21 | 22° 9 | 14°23 | 27°R24 | 28°32 | 7°17 | 8°49 | T 20 |
| W21 | 21 58 48 | 29° 3'20 | 6 ₹ 36 | 16°45 | 4°26 | 23°30 | 9° 0 | 16°27 | 26°20 | 22° 7 | 14°22 | 27°24 | 28°29 | 7°24 | 8°50 | W21 |
| T 22 | 22 2 45 | 0 Mg 0'44 | 18°33 | 18°28 | 5°37 | 24°10 | 9°11 | 16°22 | 26°19 | 22° 6 | 14°21 | 27°22 | 28°26 | 7°31 | 8°51 | T 22 |
| F 23 | 22 6 41 | 0°58'08 | 0 궁 26 | 20° 8 | 6°48 | 24°51 | 9°22 | 16°18 | 26°19 | 22° 4 | 14°20 | 27°20 | 28°23 | 7°37 | 8°53 | F 23 |
| S 24 | 22 10 38 | 1°55'33 | 12°19 | 21°47 | 7°58 | 25°31 | 9°33 | 16°14 | 26°18 | 22° 3 | 14°19 | 27°16 | 28°19 | 7°44 | 8°54 | S 24 |
| S 25 | 22 14 34 | 2°52'58 | 24°16 | 23°24 | 9° 9 | 26°12 | 9°44 | 16°10 | 26°18 | 22° 1 | 14°18 | 27°13 | 28°16 | 7°51 | 8°56 | S 25 |
| M26 | 22 18 31 | 3°50'24 | 6≈19 | 25° 0 | 10°20 | 26°52 | 9°55 | 16° 5 | 26°17 | 22° 0 | 14°17 | 27° 9 | 28°13 | 7°57 | 8°58 | M26 |
| T 27 | 22 22 27 | 4°47'51 | 18°30 | 26°34 | 11°30 | 27°33 | 10° 6 | 16° 1 | 26°17 | 21°58 | 14°17 | 27° 5 | 28°10 | 8° 4 | 9° 0 | T 27 |
| W28 | 22 26 24 | 5°45'18 | 0 ∺ 53 | 28° 6 | 12°41 | 28°13 | 10°17 | 15°57 | 26°16 | 21°57 | 14°16 | 27° 3 | 28° 7 | 8°11 | 9° 2 | W28 |
| T 29 | 22 30 20 | 6°42'46 | 13°26 | 29°36 | 13°51 | 28°53 | 10°27 | 15°52 | 26°16 | 21°55 | 14°15 | 27° 1 | 28° 4 | 8°18 | 9° 4 | T 29 |
| F 30 | 22 34 17 | 7°40'15 | 26°12 | 1 ≏ 5 | 15° 2 | 29°34 | 10°38 | 15°48 | 26°16 | 21°54 | 14°14 | 27°D 0 | 28° 0 | 8°24 | 9° 6 | F 30 |
| S 31 | 22 38 14 | 8 m 37'45 | 9 Υ 11 | 2 ≏ 32 | 16 ₽ 12 | $0\Omega14$ | 109548 | 15) (43 | 26 ∡ 16 | 21 米 52 | 14 궁 13 | 27 米 1 | 27 米 57 | 8 ප 31 | 9 ∡ 8 | S 31 |

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| Day | Sid.t | 0 | D | ğ | P | ♂ | 4 | ħ |)Å(| 并 | В | u | v | ţ | o k | Day |
|------|----------|------------------|----------------|---------------|----------------|----------------|--------|----------------|----------------|----------------|----------------|---------------|------------------|----------------|---------------|------|
| S 1 | 22 42 10 | 9 m 35'16 | 22 Y 23 | 3 ≏ 57 | 17 ≏ 22 | 0 Ω 54 | 10958 | 15°R39 | 26°R15 | 21°R50 | 14°R13 | 27 米 2 | 27) (54 | 8 云 38 | 9 ∡ 11 | S 1 |
| M 2 | 22 46 7 | 10°32'48 | 5 8 48 | 5°20 | 18°33 | 1°34 | 11° 9 | 15) 34 | 26 × 15 | 21) 49 | 14 궁 12 | 27° 3 | 27°51 | 8°44 | 9°13 | M 2 |
| T 3 | 22 50 3 | 11°30'22 | 19°27 | 6°42 | 19°43 | 2°14 | 11°19 | 15°30 | 26°15 | 21°47 | 14°11 | 27° 4 | 27°48 | 8°51 | 9°16 | T 3 |
| W 4 | 22 54 0 | 12°27'57 | 3 Ⅱ 19 | 8° 1 | 20°53 | 2°54 | 11°29 | 15°25 | 26°D15 | 21°46 | 14°11 | 27° 5 | 27°45 | 8°58 | 9°19 | W 4 |
| T 5 | 22 57 56 | 13°25'33 | 17°24 | 9°19 | 22° 3 | 3°34 | 11°38 | 15°21 | 26°15 | 21°44 | 14°10 | 27°R 5 | 27°41 | 9° 5 | 9°21 | T 5 |
| F 6 | 23 1 53 | 14°23'10 | 19540 | 10°35 | 23°13 | 4°13 | 11°48 | 15°16 | 26°15 | 21°42 | 14° 9 | 27° 5 | 27°38 | 9°11 | 9°24 | F 6 |
| S 7 | 23 5 49 | 15°20'50 | 16° 5 | 11°49 | 24°23 | 4°53 | 11°58 | 15°12 | 26°15 | 21°41 | 14° 9 | 27° 4 | 27°35 | 9°18 | 9°27 | S 7 |
| S 8 | 23 9 46 | 16°18'30 | 0 Ω 34 | 13° 1 | 25°32 | 5°33 | 12° 7 | 15° 7 | 26°16 | 21°39 | 14° 8 | 27° 2 | 27°32 | 9°25 | 9°30 | S 8 |
| M 9 | 23 13 43 | 17°16'12 | 15° 4 | 14°10 | 26°42 | 6°12 | 12°17 | 15° 3 | 26°16 | 21°37 | 14° 8 | 27° 1 | 27°29 | 9°32 | 9°33 | M 9 |
| T 10 | 23 17 39 | 18°13'55 | 29°28 | 15°18 | 27°52 | 6°52 | 12°26 | 14°58 | 26°16 | 21°36 | 14° 7 | 27° 0 | 27°25 | 9°38 | 9°37 | T 10 |
| W11 | 23 21 36 | 19°11'39 | 13 m 41 | 16°23 | 29° 1 | 7°31 | 12°35 | 14°54 | 26°17 | 21°34 | 14° 7 | 27° 0 | 27°22 | 9°45 | 9°40 | W11 |
| T 12 | 23 25 32 | 20° 9'24 | 27°38 | 17°26 | 0 M .11 | 8°11 | 12°44 | 14°50 | 26°17 | 21°33 | 14° 7 | 26°D59 | 27°19 | 9°52 | 9°44 | T 12 |
| F 13 | 23 29 29 | 21° 7'11 | 11 ≏ 17 | 18°26 | 1°20 | 8°50 | 12°53 | 14°45 | 26°17 | 21°31 | 14° 6 | 27° 0 | 27°16 | 9°58 | 9°47 | F 13 |
| S 14 | 23 33 25 | 22° 4'59 | 24°35 | 19°24 | 2°29 | 9°29 | 13° 2 | 14°41 | 26°18 | 21°29 | 14° 6 | 27° 0 | 27°13 | 10° 5 | 9°51 | S 14 |
| S 15 | 23 37 22 | 23° 2'48 | 7 M .32 | 20°18 | 3°39 | 10° 8 | 13°11 | 14°36 | 26°18 | 21°28 | 14° 6 | 27° 0 | 27°10 | 10°12 | 9°54 | S 15 |
| M16 | 23 41 18 | 24° 0'38 | 20°10 | 21°10 | 4°48 | 10°47 | 13°19 | 14°32 | 26°19 | 21°26 | 14° 5 | 27° 1 | 27° 6 | 10°19 | 9°58 | M16 |
| T 17 | 23 45 15 | 24°58'30 | 2 ~ 31 | 21°59 | 5°57 | 11°27 | 13°28 | 14°27 | 26°20 | 21°24 | 14° 5 | 27° 1 | 27° 3 | 10°25 | 10° 2 | T 17 |
| W18 | 23 49 11 | 25°56'22 | 14°38 | 22°44 | 7° 6 | 12° 5 | 13°36 | 14°23 | 26°20 | 21°23 | 14° 5 | 27° 1 | 27° 0 | 10°32 | 10° 6 | W18 |
| T 19 | 23 53 8 | 26°54'16 | 26°36 | 23°26 | 8°15 | 12°44 | 13°44 | 14°19 | 26°21 | 21°21 | 14° 5 | 27° 1 | 26°57 | 10°39 | 10°10 | T 19 |
| F 20 | 23 57 5 | 27°52'11 | 8 云 30 | 24° 4 | 9°23 | 13°23 | 13°52 | 14°14 | 26°22 | 21°19 | 14° 4 | 27° 1 | 26°54 | 10°45 | 10°14 | F 20 |
| S 21 | 0 1 1 | 28°50'07 | 20°24 | 24°38 | 10°32 | 14° 2 | 14° 0 | 14°10 | 26°23 | 21°18 | 14° 4 | 27° 1 | 26°51 | 10°52 | 10°19 | S 21 |
| S 22 | 0 4 58 | 29°48'04 | 2≈22 | 25° 8 | 11°41 | 14°41 | 14° 8 | 14° 6 | 26°24 | 21°16 | 14° 4 | 27° 1 | 26°47 | 10°59 | 10°23 | S 22 |
| M23 | 0 8 54 | 0 ჲ 46'02 | 14°29 | 25°33 | 12°49 | 15°19 | 14°15 | 14° 2 | 26°25 | 21°15 | 14° 4 | 27° 2 | 26°44 | 11° 6 | 10°27 | M23 |
| T 24 | 0 12 51 | 1°44'02 | 26°47 | 25°54 | 13°57 | 15°58 | 14°23 | 13°57 | 26°26 | 21°13 | 14° 4 | 27° 2 | 26°41 | 11°12 | 10°32 | T 24 |
| W25 | 0 16 47 | 2°42'03 | 9 ∺ 20 | 26° 9 | 15° 6 | 16°36 | 14°30 | 13°53 | 26°27 | 21°11 | 14°D 4 | 27° 3 | 26°38 | 11°19 | 10°36 | W25 |
| T 26 | 0 20 44 | 3°40'05 | 22° 9 | 26°20 | 16°14 | 17°15 | 14°37 | 13°49 | 26°28 | 21°10 | 14° 4 | 27°R 3 | 26°35 | 11°26 | 10°41 | T 26 |
| F 27 | 0 24 40 | 4°38'09 | 5 Υ 15 | 26°R24 | 17°22 | 17°53 | 14°44 | 13°45 | 26°29 | 21° 8 | 14° 4 | 27° 3 | 26°31 | 11°32 | 10°46 | F 27 |
| S 28 | 0 28 37 | 5°36'15 | 18°37 | 26°23 | 18°29 | 18°31 | 14°51 | 13°41 | 26°30 | 21° 7 | 14° 4 | 27° 2 | 26°28 | 11°39 | 10°50 | S 28 |
| S 29 | 0 32 34 | 6°34'22 | 2 8 15 | 26°15 | 19°37 | 19°10 | 14°58 | 13°37 | 26°32 | 21° 5 | 14° 4 | 27° 2 | 26°25 | 11°46 | 10°55 | S 29 |
| M30 | 0 36 30 | 7 ≏ 32'31 | 168 5 | 26 ♀ 1 | 20 M 45 | 19 Ω 48 | 1595 4 | 13 ∺ 33 | 26 ₮ 33 | 21 米 4 | 14පි 4 | 27 ∺ 0 | 26 ∺ 22 | 11 る 53 | 11 % 0 | M30 |

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| Day | Sid.t | 0 | D | ğ | · | ♂ [™] | 4 | ħ |)Å(| 并 | В | ₽. | ß | Ç | ę, | Day |
|------|---------|------------------|----------------|----------------|-----------------------------|----------------|--------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 0 40 27 | 8 ≏ 30'41 | 0耳 6 | 25°R41 | 21 M .52 | 20№26 | 159511 | 13°R29 | 26 ₮ 34 | 21°R 2 | 14궁 5 | 26°R59 | 26 米 19 | 11 궁 59 | 11 ×7 5 | T 1 |
| W 2 | 0 44 23 | 9°28'54 | 14°13 | 25 ≏ 15 | 23° 0 | 21° 4 | 15°17 | 13) (26 | 26°36 | 21 米 0 | 14° 5 | 26 ∺ 58 | 26°16 | 12° 6 | 11°10 | W 2 |
| T 3 | 0 48 20 | 10°27'09 | 28°25 | 24°41 | 24° 7 | 21°42 | 15°23 | 13°22 | 26°37 | 20°59 | 14° 5 | 26°57 | 26°12 | 12°13 | 11°15 | T 3 |
| F 4 | 0 52 16 | 11°25'26 | 12939 | 24° 2 | 25°14 | 22°20 | 15°29 | 13°18 | 26°39 | 20°57 | 14° 5 | 26°D57 | 26° 9 | 12°19 | 11°21 | F 4 |
| S 5 | 0 56 13 | 12°23'45 | 26°51 | 23°17 | 26°21 | 22°57 | 15°35 | 13°14 | 26°40 | 20°56 | 14° 6 | 26°57 | 26° 6 | 12°26 | 11°26 | S 5 |
| S 6 | 1 0 9 | 13°22'05 | 11 Ω 0 | 22°26 | 27°28 | 23°35 | 15°40 | 13°11 | 26°42 | 20°54 | 14° 6 | 26°58 | 26° 3 | 12°33 | 11°31 | S 6 |
| M 7 | 1 4 6 | 14°20'28 | 25° 4 | 21°31 | 28°35 | 24°13 | 15°46 | 13° 7 | 26°44 | 20°53 | 14° 6 | 26°59 | 26° 0 | 12°40 | 11°37 | M 7 |
| T 8 | 1 8 3 | 15°18'53 | 9 m) 0 | 20°32 | 29°41 | 24°50 | 15°51 | 13° 4 | 26°45 | 20°51 | 14° 7 | 27° 0 | 25°56 | 12°46 | 11°42 | T 8 |
| W 9 | 1 11 59 | 16°17'19 | 22°46 | 19°31 | 0 ∡ 748 | 25°28 | 15°56 | 13° 0 | 26°47 | 20°50 | 14° 7 | 27°R 1 | 25°53 | 12°53 | 11°48 | W 9 |
| T 10 | 1 15 56 | 17°15'47 | 6 ₽ 20 | 18°28 | 1°54 | 26° 5 | 16° 1 | 12°57 | 26°49 | 20°49 | 14° 8 | 27° 1 | 25°50 | 13° 0 | 11°54 | T 10 |
| F 11 | 1 19 52 | 18°14'18 | 19°40 | 17°26 | 3° 0 | 26°43 | 16° 6 | 12°54 | 26°51 | 20°47 | 14° 8 | 27° 0 | 25°47 | 13° 6 | 11°59 | F 11 |
| S 12 | 1 23 49 | 19°12'50 | 2 M .45 | 16°25 | 4° 6 | 27°20 | 16°10 | 12°51 | 26°53 | 20°46 | 14° 9 | 26°57 | 25°44 | 13°13 | 12° 5 | S 12 |
| S 13 | 1 27 45 | 20°11'24 | 15°34 | 15°27 | 5°12 | 27°57 | 16°15 | 12°48 | 26°55 | 20°44 | 14° 9 | 26°54 | 25°41 | 13°20 | 12°11 | S 13 |
| M14 | 1 31 42 | 21° 9'59 | 28° 7 | 14°34 | 6°17 | 28°34 | 16°19 | 12°45 | 26°57 | 20°43 | 14°10 | 26°50 | 25°37 | 13°27 | 12°17 | M14 |
| T 15 | 1 35 38 | 22° 8'37 | 10 ₹ 26 | 13°47 | 7°23 | 29°11 | 16°23 | 12°42 | 26°59 | 20°42 | 14°11 | 26°46 | 25°34 | 13°33 | 12°23 | T 15 |
| W16 | 1 39 35 | 23° 7'16 | 22°33 | 13° 7 | 8°28 | 29°48 | 16°27 | 12°39 | 27° 1 | 20°40 | 14°11 | 26°42 | 25°31 | 13°40 | 12°29 | W16 |
| T 17 | 1 43 32 | 24° 5'56 | 4 궁 30 | 12°36 | 9°33 | 0 m 25 | 16°30 | 12°36 | 27° 3 | 20°39 | 14°12 | 26°40 | 25°28 | 13°47 | 12°35 | T 17 |
| F 18 | 1 47 28 | 25° 4'39 | 16°23 | 12°13 | 10°38 | 1° 2 | 16°34 | 12°33 | 27° 5 | 20°38 | 14°13 | 26°38 | 25°25 | 13°54 | 12°41 | F 18 |
| S 19 | 1 51 25 | 26° 3'22 | 28°16 | 12° 1 | 11°43 | 1°38 | 16°37 | 12°31 | 27° 7 | 20°36 | 14°13 | 26°D38 | 25°22 | 14° 0 | 12°47 | S 19 |
| S 20 | 1 55 21 | 27° 2'08 | 10≈13 | 11°D58 | 12°47 | 2°15 | 16°40 | 12°28 | 27° 9 | 20°35 | 14°14 | 26°38 | 25°18 | 14° 7 | 12°54 | S 20 |
| M21 | 1 59 18 | 28° 0'55 | 22°19 | 12° 5 | 13°52 | 2°52 | 16°43 | 12°26 | 27°12 | 20°34 | 14°15 | 26°40 | 25°15 | 14°14 | 13° 0 | M21 |
| T 22 | 2 3 14 | 28°59'44 | 4)(40 | 12°23 | 14°56 | 3°28 | 16°46 | 12°23 | 27°14 | 20°33 | 14°16 | 26°42 | 25°12 | 14°20 | 13° 6 | T 22 |
| W23 | 2 7 11 | 29°58'34 | 17°18 | 12°50 | 15°59 | 4° 4 | 16°49 | 12°21 | 27°16 | 20°32 | 14°17 | 26°43 | 25° 9 | 14°27 | 13°13 | W23 |
| T 24 | 2 11 7 | 0ML57'26 | 0 Υ 17 | 13°27 | 17° 3 | 4°41 | 16°51 | 12°19 | 27°19 | 20°30 | 14°18 | 26°R43 | 25° 6 | 14°34 | 13°19 | T 24 |
| F 25 | 2 15 4 | 1°56'20 | 13°39 | 14°12 | 18° 6 | 5°17 | 16°53 | 12°17 | 27°21 | 20°29 | 14°19 | 26°42 | 25° 2 | 14°41 | 13°26 | F 25 |
| S 26 | 2 19 0 | 2°55'16 | 27°22 | 15° 5 | 19° 9 | 5°53 | 16°55 | 12°14 | 27°24 | 20°28 | 14°20 | 26°39 | 24°59 | 14°47 | 13°32 | S 26 |
| S 27 | 2 22 57 | 3°54'13 | 11826 | 16° 7 | 20°12 | 6°29 | 16°57 | 12°13 | 27°26 | 20°27 | 14°21 | 26°35 | 24°56 | 14°54 | 13°39 | S 27 |
| M28 | 2 26 54 | 4°53'13 | 25°45 | 17°14 | 21°15 | 7° 5 | 16°58 | 12°11 | 27°29 | 20°26 | 14°22 | 26°29 | 24°53 | 15° 1 | 13°46 | M28 |
| T 29 | 2 30 50 | 5°52'15 | 10 Ⅱ 14 | 18°28 | 22°17 | 7°41 | 17° 0 | 12° 9 | 27°31 | 20°25 | 14°23 | 26°23 | 24°50 | 15° 7 | 13°52 | T 29 |
| W30 | 2 34 47 | 6°51'19 | 24°47 | 19°48 | 23°19 | 8°16 | 17° 1 | 12° 7 | 27°34 | 20°24 | 14°24 | 26°17 | 24°47 | 15°14 | 13°59 | W30 |
| T 31 | 2 38 43 | 7 M 50'25 | 99517 | 21 ≏ 12 | 24 × ⁷ 21 | 8 m 52 | 1795 2 | 12 ∺ 6 | 27 × 37 | 20 ∺ 23 | 14 る 25 | 26 米 13 | 24) 43 | 15 る 21 | 14 ₹ 6 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | В | 'n | u | Ç | Q K | Day |
|------|---------|--------------------|----------------|-------------------------|--------------------------|----------------|--------|------------------------|-----------------------------|------------------------|----------------|----------------|-----------------|-------------------------|--------------------------|------|
| F 1 | 2 42 40 | 8M49'34 | 23939 | 22 <u>₽</u> 40 | 25 × 22 | 9 m 28 | 1795 3 | 12°R 4 | 27 × ⁷ 39 | 20°R22 | 14 궁 26 | 26°R10 | 24) (40 | 15 云 28 | 14 × 13 | F 1 |
| S 2 | 2 46 36 | 9°48'44 | 7 Ω 51 | 24°11 | 26°23 | 10° 3 | 17° 3 | 12 米 3 | 27°42 | 20 米 21 | 14°27 | 26°D 9 | 24°37 | 15°34 | 14°20 | S 2 |
| S 3 | 2 50 33 | 10°47'57 | 21°50 | 25°45 | 27°24 | 10°39 | 17° 4 | 12° 2 | 27°45 | 20°20 | 14°29 | 26 ∺ 9 | 24°34 | 15°41 | 14°27 | S 3 |
| M 4 | 2 54 29 | 11°47'12 | 5 m 36 | 27°21 | 28°24 | 11°14 | 17°R 4 | 12° 0 | 27°48 | 20°19 | 14°30 | 26°10 | 24°31 | 15°48 | 14°34 | M 4 |
| T 5 | 2 58 26 | 12°46'29 | 19° 9 | 29° 0 | 29°25 | 11°49 | 17° 4 | 11°59 | 27°51 | 20°18 | 14°31 | 26°12 | 24°28 | 15°54 | 14°41 | T 5 |
| W 6 | 3 2 23 | 13°45'49 | 2 ≏ 31 | 0 M .40 | 0 る 24 | 12°24 | 17° 4 | 11°58 | 27°53 | 20°18 | 14°32 | 26°R12 | 24°24 | 16° 1 | 14°48 | W 6 |
| T 7 | 3 6 19 | 14°45'11 | 15°40 | 2°20 | 1°24 | 12°59 | 17° 3 | 11°57 | 27°56 | 20°17 | 14°34 | 26°10 | 24°21 | 16° 8 | 14°55 | T 7 |
| F 8 | 3 10 16 | 15°44'34 | 28°38 | 4° 2 | 2°23 | 13°34 | 17° 3 | 11°57 | 27°59 | 20°16 | 14°35 | 26° 6 | 24°18 | 16°14 | 15° 2 | F 8 |
| S 9 | 3 14 12 | 16°44'00 | 11 M 25 | 5°45 | 3°21 | 14° 9 | 17° 2 | 11°56 | 28° 2 | 20°15 | 14°36 | 25°59 | 24°15 | 16°21 | 15° 9 | S 9 |
| S 10 | 3 18 9 | 17°43'28 | 23°59 | 7°27 | 4°19 | 14°44 | 17° 1 | 11°55 | 28° 5 | 20°15 | 14°38 | 25°50 | 24°12 | 16°28 | 15°17 | S 10 |
| M11 | 3 22 5 | 18°42'58 | 6 ₹ 23 | 9°10 | 5°17 | 15°18 | 17° 0 | 11°55 | 28° 8 | 20°14 | 14°39 | 25°40 | 24° 8 | 16°35 | 15°24 | M11 |
| T 12 | 3 26 2 | 19°42'30 | 18°35 | 10°53 | 6°15 | 15°53 | 16°58 | 11°54 | 28°11 | 20°13 | 14°41 | 25°30 | 24° 5 | 16°41 | 15°31 | T 12 |
| W13 | 3 29 58 | 20°42'03 | 0 궁 38 | 12°36 | 7°11 | 16°27 | 16°57 | 11°54 | 28°15 | 20°13 | 14°42 | 25°20 | 24° 2 | 16°48 | 15°38 | W13 |
| T 14 | 3 33 55 | 21°41'38 | 12°34 | 14°18 | 8° 8 | 17° 1 | 16°55 | 11°54 | 28°18 | 20°12 | 14°44 | 25°12 | 23°59 | 16°55 | 15°46 | T 14 |
| F 15 | 3 37 52 | 22°41'16 | 24°25 | 16° 1 | 9° 4 | 17°35 | 16°53 | 11°D54 | 28°21 | 20°12 | 14°45 | 25° 5 | 23°56 | 17° 1 | 15°53 | F 15 |
| S 16 | 3 41 48 | 23°40'54 | 6≈15 | 17°43 | 9°59 | 18° 9 | 16°51 | 11°54 | 28°24 | 20°11 | 14°47 | 25° 1 | 23°53 | 17° 8 | 16° 1 | S 16 |
| S 17 | 3 45 45 | 24°40'35 | 18° 9 | 19°24 | 10°54 | 18°43 | 16°48 | 11°54 | 28°27 | 20°11 | 14°48 | 24°59 | 23°49 | 17°15 | 16° 8 | S 17 |
| M18 | 3 49 41 | 25°40'16 | 0 米 12 | 21° 6 | 11°48 | 19°17 | 16°46 | 11°54 | 28°31 | 20°10 | 14°50 | 24°D59 | 23°46 | 17°22 | 16°15 | M18 |
| T 19 | 3 53 38 | 26°40'00 | 12°29 | 22°46 | 12°42 | 19°51 | 16°43 | 11°54 | 28°34 | 20°10 | 14°51 | 25° 0 | 23°43 | 17°28 | 16°23 | T 19 |
| W20 | 3 57 34 | 27°39'45 | 25° 5 | 24°27 | 13°35 | 20°24 | 16°40 | 11°55 | 28°37 | 20° 9 | 14°53 | 25°R 0 | 23°40 | 17°35 | 16°30 | W20 |
| T 21 | 4 1 31 | 28°39'32 | 8 Υ 6 | 26° 7 | 14°27 | 20°58 | 16°37 | 11°55 | 28°40 | 20° 9 | 14°55 | 25° 0 | 23°37 | 17°42 | 16°38 | T 21 |
| F 22 | 4 5 27 | 29°39'20 | 21°33 | 27°46 | 15°19 | 21°31 | 16°33 | 11°56 | 28°44 | 20° 9 | 14°56 | 24°57 | 23°34 | 17°48 | 16°45 | F 22 |
| S 23 | 4 9 24 | 0 ₮ 39'10 | 5 8 28 | 29°25 | 16°10 | 22° 4 | 16°30 | 11°57 | 28°47 | 20° 8 | 14°58 | 24°51 | 23°30 | 17°55 | 16°53 | S 23 |
| S 24 | 4 13 21 | 1°39'02 | 19°49 | 1 才 3 | 17° 1 | 22°37 | 16°26 | 11°58 | 28°50 | 20° 8 | 15° 0 | 24°43 | 23°27 | 18° 2 | 17° 1 | S 24 |
| M25 | 4 17 17 | 2°38'56 | 4 Ⅱ 31 | 2°41 | 17°50 | 23°10 | 16°22 | 11°58 | 28°54 | 20° 8 | 15° 2 | 24°34 | 23°24 | 18° 9 | 17° 8 | M25 |
| T 26 | 4 21 14 | 3°38'52 | 19°26 | 4°19 | 18°39 | 23°43 | 16°18 | 12° 0 | 28°57 | 20° 8 | 15° 3 | 24°23 | 23°21 | 18°15 | 17°16 | T 26 |
| W27 | 4 25 10 | 4°38'49 | 49526 | 5°56 | 19°27 | 24°16 | 16°14 | 12° 1 | 29° 1 | 20° 7 | 15° 5 | 24°13 | 23°18 | 18°22 | 17°24 | W27 |
| T 28 | 4 29 7 | 5°38'49 | 19°20 | 7°32 9° 9 | 20°14 | 24°49 | 16° 9 | 12° 2 | 29° 4 | 20° 7 | 15° 7 | 24° 4 | 23°14 | 18°29 | 17°31 | T 28 |
| F 29 | 4 33 3 | 6°38'50 | 4Ω 1 | 9° 9 10 × 744 | 21° 0 21 ~ 346 | 25°21 | 16° 4 | 12° 3 12 ¥ 5 | 29° 8 | 20° 7 20 ¥ 7 | 15° 9 | 23°58 | 23°11 | 18°35 18 ⋜ 42 | 17°39 17 ×7 47 | F 29 |
| S 30 | 4 37 0 | 7 .₹ 138'54 | 18 Ω 24 | 10×144 | 21046 | 25 m 53 | 1695 0 | 12 米 5 | 29 × 11 | 20 米 7 | 15 ਰ 11 | 23 米 54 | 23 ∺ 8 | 18042 | 1/ X' 4/ | S 30 |

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|------|---------|-------------------|-----------------|----------------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------|
| S 1 | 4 40 57 | 8 . ₹38'59 | 2 Mp 27 | 12 × 20 | 22 궁 30 | 26Mp25 | 15°R55 | 12 米 6 | 29 × 15 | 20°D 7 | 15 る 13 | 23°R53 | 23 米 5 | 18 궁 49 | 17 ×7 54 | S 1 |
| M 2 | 4 44 53 | 9°39'07 | 16° 8 | 13°55 | 23°14 | 26°57 | 159549 | 12° 8 | 29°18 | 20 米 7 | 15°14 | 23 米 53 | 23° 2 | 18°56 | 18° 2 | M 2 |
| T 3 | 4 48 50 | 10°39'16 | 29°30 | 15°30 | 23°56 | 27°29 | 15°44 | 12°10 | 29°22 | 20° 7 | 15°16 | 23°53 | 22°59 | 19° 2 | 18°10 | T 3 |
| W 4 | 4 52 46 | 11°39'28 | 12 ≏ 35 | 17° 4 | 24°38 | 28° 1 | 15°38 | 12°11 | 29°25 | 20° 7 | 15°18 | 23°52 | 22°55 | 19° 9 | 18°17 | W 4 |
| T 5 | 4 56 43 | 12°39'41 | 25°26 | 18°38 | 25°18 | 28°33 | 15°33 | 12°13 | 29°29 | 20° 7 | 15°20 | 23°48 | 22°52 | 19°16 | 18°25 | T 5 |
| F 6 | 5 0 39 | 13°39'56 | 8 m 5 | 20°12 | 25°57 | 29° 4 | 15°27 | 12°15 | 29°33 | 20° 8 | 15°22 | 23°42 | 22°49 | 19°22 | 18°33 | F 6 |
| S 7 | 5 4 36 | 14°40'13 | 20°34 | 21°45 | 26°35 | 29°35 | 15°21 | 12°18 | 29°36 | 20° 8 | 15°24 | 23°32 | 22°46 | 19°29 | 18°41 | S 7 |
| S 8 | 5 8 32 | 15°40'32 | 2 ₹ 53 | 23°18 | 27°12 | 0요 7 | 15°15 | 12°20 | 29°40 | 20° 8 | 15°26 | 23°20 | 22°43 | 19°36 | 18°48 | S 8 |
| M 9 | 5 12 29 | 16°40'53 | 15° 5 | 24°51 | 27°47 | 0°38 | 15° 9 | 12°22 | 29°43 | 20° 8 | 15°28 | 23° 6 | 22°40 | 19°43 | 18°56 | M 9 |
| T 10 | 5 16 26 | 17°41'15 | 27° 9 | 26°24 | 28°21 | 1° 8 | 15° 2 | 12°24 | 29°47 | 20° 8 | 15°30 | 22°51 | 22°36 | 19°49 | 19° 4 | T 10 |
| W11 | 5 20 22 | 18°41'39 | 9 ප 6 | 27°56 | 28°54 | 1°39 | 14°56 | 12°27 | 29°51 | 20° 9 | 15°32 | 22°37 | 22°33 | 19°56 | 19°12 | W11 |
| T 12 | 5 24 19 | 19°42'05 | 20°59 | 29°28 | 29°25 | 2° 9 | 14°49 | 12°30 | 29°54 | 20° 9 | 15°34 | 22°24 | 22°30 | 20° 3 | 19°19 | T 12 |
| F 13 | 5 28 15 | 20°42'31 | 2≈48 | 1る 0 | 29°55 | 2°40 | 14°42 | 12°32 | 2 <u>9</u> °58 | 20° 9 | 15°36 | 22°14 | 22°27 | 20° 9 | 19°27 | F 13 |
| S 14 | 5 32 12 | 21°42'59 | 14°37 | 2°32 | 0≈23 | 3°10 | 14°35 | 12°35 | 0중 2 | 20°10 | 15°38 | 22° 7 | 22°24 | 20°16 | 19°35 | S 14 |
| S 15 | 5 36 8 | 22°43'28 | 26°29 | 4° 3 | 0°49 | 3°40 | 14°28 | 12°38 | 0° 5 | 20°10 | 15°40 | 22° 3 | 22°20 | 20°23 | 19°42 | S 15 |
| M16 | 5 40 5 | 23°43'59 | 8 米 29 | 5°35 | 1°14 | 4°10 | 14°21 | 12°41 | 0° 9 | 20°11 | 15°43 | 22° 1 | 22°17 | 20°29 | 19°50 | M16 |
| T 17 | 5 44 1 | 24°44'30 | 20°42 | 7° 6 | 1°36 | 4°39 | 14°14 | 12°44 | 0°13 | 20°11 | 15°45 | 22° 0 | 22°14 | 20°36 | 19°58 | T 17 |
| W18 | 5 47 58 | 25°45'03 | 3 Υ 13 | 8°36 | 1°57 | 5° 8 | 14° 6 | 12°47 | 0°16 | 20°12 | 15°47 | 22° 0 | 22°11 | 20°43 | 20° 6 | W18 |
| T 19 | 5 51 55 | 26°45'36 | 16° 8 | 10° 7 | 2°16 | 5°38 | 13°59 | 12°51 | 0°20 | 20°12 | 15°49 | 21°59 | 22° 8 | 20°50 | 20°13 | T 19 |
| F 20 | 5 55 51 | 27°46'11 | 29°30 | 11°37 | 2°34 | 6° 7 | 13°51 | 12°54 | 0°24 | 20°13 | 15°51 | 21°56 | 22° 5 | 20°56 | 20°21 | F 20 |
| S 21 | 5 59 48 | 28°46'47 | 13 8 22 | 13° 7 | 2°49 | 6°35 | 13°44 | 12°57 | 0°28 | 20°14 | 15°53 | 21°51 | 22° 1 | 21° 3 | 20°29 | S 21 |
| S 22 | 6 3 44 | 29°47'24 | 27°45 | 14°36 | 3° 1 | 7° 4 | 13°36 | 13° 1 | 0°31 | 20°14 | 15°55 | 21°42 | 21°58 | 21°10 | 20°36 | S 22 |
| M23 | 6 7 41 | 0 ප් 48'03 | 12 Ⅲ 34 | 16° 6 | 3°12 | 7°32 | 13°28 | 13° 5 | 0°35 | 20°15 | 15°57 | 21°32 | 21°55 | 21°16 | 20°44 | M23 |
| T 24 | 6 11 37 | 1°48'42 | 27°42 | 17°34 | 3°21 | 8° 1 | 13°20 | 13° 8 | 0°39 | 20°16 | 16° 0 | 21°20 | 21°52 | 21°23 | 20°52 | T 24 |
| W25 | 6 15 34 | 2°49'23 | 1399 0 | 19° 3 | 3°27 | 8°29 | 13°13 | 13°12 | 0°42 | 20°17 | 16° 2 | 21° 9 | 21°49 | 21°30 | 20°59 | W25 |
| T 26 | 6 19 31 | 3°50'04 | 28°15 | 20°30 | 3°31 | 8°56 | 13° 5 | 13°16 | 0°46 | 20°18 | 16° 4 | 21° 0 | 21°46 | 21°37 | 21° 7 | T 26 |
| F 27 | 6 23 27 | 4°50'48 | $13\Omega17$ | 21°57 | 3°R32 | 9°24 | 12°57 | 13°20 | 0°50 | 20°18 | 16° 6 | 20°53 | 21°42 | 21°43 | 21°14 | F 27 |
| S 28 | 6 27 24 | 5°51'32 | 27°58 | 23°23 | 3°31 | 9°51 | 12°49 | 13°24 | 0°53 | 20°19 | 16° 8 | 20°48 | 21°39 | 21°50 | 21°22 | S 28 |
| S 29 | 6 31 20 | 6°52'18 | 12 m)14 | 24°49 | 3°28 | 10°18 | 12°40 | 13°28 | 0°57 | 20°20 | 16°11 | 20°47 | 21°36 | 21°57 | 21°30 | S 29 |
| M30 | 6 35 17 | 7°53'05 | 26° 3 | 26°13 | 3°22 | 10°45 | 12°32 | 13°32 | 1° 1 | 20°21 | 16°13 | 20°D46 | 21°33 | 22° 3 | 21°37 | M30 |
| T 31 | 6 39 13 | 8 궁 53'53 | 9 ჲ 27 | 27 る 36 | 3≈13 | 11 ≏ 12 | 129524 | 13 米 37 | 1る 4 | 20 米 22 | 16 ට 15 | 20°R47 | 21 米 30 | 22 궁 10 | 21 ~ 45 | T 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| ¥ | В | n | v | Ç | ķ | Day |
|------|---------|------------------|----------------|-------------------------|----------------|-------------------------|--------|------------------|-----------------------|------------------------|----------------|----------------|-------------------------|-------------------------|-------------------------|--------------|
| W 1 | 6 43 10 | 9 ප 54'43 | 22 Ω 28 | 28 궁 58 | 3°R 2 | 11 ≏ 38 | 12°R16 | 13) (41 | 1중 8 | 20) 23 | 16 ට 17 | 20°R46 | 21) (26 | 22 궁 17 | 21 × 752 | W 1 |
| T 2 | 6 47 6 | 10°55'34 | 5 M .11 | 0≈18 | 2≈49 | 12° 4 | 1295 8 | 13°45 | 1°12 | 20°24 | 16°19 | 20 米 43 | 21°23 | 22°23 | 22° 0 | T 2 |
| F 3 | 651 3 | 11°56'26 | 17°39 | 1°36 | 2°33 | 12°30 | 12° 0 | 13°50 | 1°16 | 20°25 | 16°22 | 20°38 | 21°20 | 22°30 | 22° 7 | F 3 |
| S 4 | 6 55 0 | 12°57'19 | 29°55 | 2°52 | 2°15 | 12°56 | 11°52 | 13°54 | 1°19 | 20°26 | 16°24 | 20°30 | 21°17 | 22°37 | 22°14 | S 4 |
| S 5 | 6 58 56 | 13°58'14 | 12 ⋌ 3 | 4° 6 | 1°55 | 13°21 | 11°43 | 13°59 | 1°23 | 20°28 | 16°26 | 20°19 | 21°14 | 22°44 | 22°22 | S 5 |
| M 6 | 7 2 53 | 14°59'09 | 2 <u>4</u> ° 4 | 5°16 | 1°32 | 13°46 | 11°35 | 14° 4 | 1°26 | 20°29 | 16°28 | 20° 7 | 21°11 | 22°50 | 22°29 | M 6 |
| T 7 | 7 6 49 | 16° 0'06 | 6 වි | 6°23 | 1° 8 | 14°11 | 11°27 | 14° 9 | 1°30 | 20°30 | 16°31 | 19°54 | 21° 7 | 22°57 | 22°36 | T 7 |
| W 8 | 7 10 46 | 17° 1'03 | 17°53 | 7°26 | 0°41 | 14°36 | 11°19 | 14°14 | 1°34 | 20°31 | 16°33 | 19°41 | 21° 4 | 23° 4 | 22°44 | W 8 |
| T 9 | 7 14 42 | 18° 2'01 | 29°44 | 8°24 | 0°12 | 15° 0 | 11°11 | 14°19 | 1°37 | 20°32 | 16°35 | 19°30 | 21° 1 | 23°10 | 22°51 | T 9 |
| F 10 | 7 18 39 | 19° 3'00 | 11≈34 | 9°17 | 29 3 42 | 15°24 | 11° 3 | 14°24 | 1°41 | 20°34 | 16°37 | 19°21 | 20°58 | 23°17 | 22°58 | F 10 |
| S 11 | 7 22 36 | 20° 3'59 | 23°25 | 10° 4 | 29°10 | 15°47 | 10°55 | 14°29 | 1°44 | 20°35 | 16°40 | 19°14 | 20°55 | 23°24 | 23° 5 | S 11 |
| S 12 | 7 26 32 | 21° 4'59 | 5 ∺ 20 | 10°44 | 28°37 | 16°11 | 10°47 | 14°34 | 1°48 | 20°36 | 16°42 | 19°11 | 20°52 | 23°30 | 23°12 | S 12 |
| M13 | 7 30 29 | 22° 5'59 | 17°22 | 11°16 | 28° 2 | 16°34 | 10°39 | 14°39 | 1°52 | 20°38 | 16°44 | 19°D10 | 20°48 | 23°37 | 23°20 | M13 |
| T 14 | 7 34 25 | 23° 6'59 | 29°36 | 11°40 | 27°27 | 16°56 | 10°31 | 14°44 | 1°55 | 20°39 | 16°46 | 19°10 | 20°45 | 23°44 | 23°27 | T 14 |
| W15 | 7 38 22 | 24° 8'00 | 12 Υ 5 | 11°54 | 26°51 | 17°19 | 10°24 | 14°50 | 1°59 | 20°41 | 16°48 | 19°11 | 20°42 | 23°51 | 23°34 | W15 |
| T 16 | 7 42 18 | 25° 9'01 | 24°54 | 11°R58 | 26°14 | 17°41 | 10°16 | 14°55 | 2° 2 | 20°42 | 16°51 | 19°R12 | 20°39 | 23°57 | 23°41 | T 16 |
| F 17 | 7 46 15 | 26°10'02 | 88 8 | 11°50 | 25°38 | 18° 2 | 10° 8 | 15° 1 | 2° 6 | 20°43 | 16°53 | 19°11 | 20°36 | 24° 4 | 23°48 | F 17 |
| S 18 | 7 50 11 | 27°11'04 | 21°49 | 11°31 | 25° 1 | 18°24 | 10° 1 | 15° 6 | 2° 9 | 20°45 | 16°55 | 19° 8 | 20°32 | 24°11 | 23°54 | S 18 |
| S 19 | 7 54 8 | 28°12'05 | 6 I 0 | 11° 0 | 24°25 | 18°45 | 9°53 | 15°12 | 2°12 | 20°46 | 16°57 | 19° 3 | 20°29 | 24°17 | 24° 1 | S 19 |
| M20 | 7 58 5 | 29°13'07 | 20°39 | 10°18 | 23°49 | 19° 5 | 9°46 | 15°18 | 2°16 | 20°48 | 17° 0 | 18°57 | 20°26 | 24°24 | 24° 8 | M20 |
| T 21 | 8 2 1 | 0≈14'09 | 59541 | 9°24 | 23°14 | 19°26 | 9°39 | 15°23 | 2°19 | 20°50 | 17° 2 | 18°49 | 20°23 | 24°31 | 24°15 | T 21 |
| W22 | 8 5 58 | 1°15'11 | 20°57 | 8°21 | 22°41 | 19°45 | 9°32 | 15°29 | 2°23 | 20°51 | 17° 4 | 18°41 | 20°20 | 24°37 | 24°21 | W22 |
| T 23 | 8 9 54 | 2°16'13 | 6 Ω 16 | 7° 9 | 22° 8 | 20° 5 | 9°25 | 15°35 | 2°26 | 20°53 | 17° 6 | 18°35 | 20°17 | 24°44 | 24°28 | T 23 |
| F 24 | 8 13 51 | 3°17'16 | 21°28 | 5°52 | 21°37 | 20°24 | 9°18 | 15°41 | 2°29 | 20°55 | 17° 8 | 18°30 | 20°13 | 24°51 | 24°35 | F 24 |
| S 25 | 8 17 47 | 4°18'18 | 6 Mp 23 | 4°31 | 21° 8 | 20°43 | 9°11 | 15°47 | 2°33 | 20°56 | 17°10 | 18°27 | 20°10 | 24°58 | 24°41 | S 25 |
| S 26 | 8 21 44 | 5°19'21 | 20°54 | 3° 9 | 20°41 | 21° 1 | 9° 5 | 15°53 | 2°36 | 20°58 | 17°13 | 18°D27 | 20° 7 | 25° 4 | 24°48 | S 26 |
| M27 | 8 25 40 | 6°20'24 | 4 <u>Ω</u> 56 | 1°50 | 20°15 | 21°19 | 8°58 | 15°59 | 2°39 | 21° 0 | 17°15 | 18°28 | 20° 4 | 25°11 | 24°54 | M27 |
| T 28 | 8 29 37 | 7°21'28 | 18°31 | 0°34 | 19°52 | 21°36 | 8°52 | 16° 5 | 2°42 | 21° 1 | 17°17 | 18°29 | 20° 1 | 25°18 | 25° 1 | T 28 |
| W29 | 8 33 34 | 8°22'32 | 1 M .39 | 29 궁 25 | 19°31 | 21°53 | 8°46 | 16°11 | 2°46 | 21° 3 | 17°19 | 18°30 | 19°58 | 25°24 | 25° 7 | W29 |
| T 30 | 8 37 30 | 9°23'36 | 14°25 | 28°24 27 る 32 | 19°12 | 22°10 22 Ω 26 | 8°40 | 16°18 | 2°49 2 ~ 52 | 21° 5 21 ¥ 7 | 17°21 | 18°R30 | 19°54 19 米 51 | 25°31 25 る 38 | 25°13 25 × 19 | T 30 F 31 |
| F 31 | 8 41 27 | 10≈24'41 | 26M51 | 2/032 | 18 궁 56 | 22 32 26 | 8934 | 16 ∺ 24 | 2002 | ∠1 大 / | 17 る 23 | 18 ∺ 29 | 19代31 | 23038 | 23 x 119 | F 31 |

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|------|----------|--------------------|-----------------|----------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|----------------|----------------|-----------------|------|
| S 1 | 8 45 23 | 11≈25'46 | 9 ∡ 7 3 | 26°R50 | 18°R42 | 22 ≏ 42 | 8°R28 | 16 ∺ 30 | 2 ප් 55 | 21 米 9 | 17 る 25 | 18°R26 | 19) 48 | 25 궁 44 | 25 × 26 | S 1 |
| S 2 | 8 49 20 | 12°26'51 | 21° 5 | 26 궁 18 | 18 궁 31 | 22°57 | 89522 | 16°37 | 2°58 | 21°11 | 17°27 | 18) 21 | 19°45 | 25°51 | 25°32 | S 2 |
| M 3 | 8 53 16 | 13°27'56 | 3 る 0 | 25°56 | 18°22 | 23°11 | 8°17 | 16°43 | 3° 1 | 21°12 | 17°29 | 18°14 | 19°42 | 25°58 | 25°38 | M 3 |
| T 4 | 8 57 13 | 14°29'01 | 14°51 | 25°44 | 18°16 | 23°25 | 8°12 | 16°49 | 3° 4 | 21°14 | 17°31 | 18° 8 | 19°38 | 26° 5 | 25°44 | T 4 |
| W 5 | 9 1 9 | 15°30'06 | 26°42 | 25°D40 | 18°12 | 23°39 | 8° 7 | 16°56 | 3° 7 | 21°16 | 17°33 | 18° 1 | 19°35 | 26°11 | 25°49 | W 5 |
| T 6 | 9 5 6 | 16°31'11 | 8 ≈ 33 | 25°46 | 18°D11 | 23°52 | 8° 2 | 17° 2 | 3°10 | 21°18 | 17°35 | 17°56 | 19°32 | 26°18 | 25°55 | T 6 |
| F 7 | 9 9 3 | 17°32'16 | 20°26 | 25°59 | 18°12 | 24° 5 | 7°57 | 17° 9 | 3°13 | 21°20 | 17°37 | 17°51 | 19°29 | 26°25 | 26° 1 | F 7 |
| S 8 | 9 12 59 | 18°33'20 | 2) €24 | 26°19 | 18°15 | 24°17 | 7°52 | 17°16 | 3°16 | 21°22 | 17°39 | 17°48 | 19°26 | 26°31 | 26° 7 | S 8 |
| S 9 | 9 16 56 | 19°34'24 | 14°28 | 26°46 | 18°21 | 24°28 | 7°48 | 17°22 | 3°19 | 21°24 | 17°41 | 17°D47 | 19°23 | 26°38 | 26°12 | S 9 |
| M10 | 9 20 52 | 20°35'27 | 26°41 | 27°19 | 18°29 | 24°39 | 7°44 | 17°29 | 3°22 | 21°26 | 17°43 | 17°48 | 19°19 | 26°45 | 26°18 | M10 |
| T 11 | 9 24 49 | 21°36'29 | 9 Υ 3 | 27°58 | 18°40 | 24°49 | 7°40 | 17°36 | 3°24 | 21°28 | 17°45 | 17°49 | 19°16 | 26°51 | 26°23 | T 11 |
| W12 | 9 28 45 | 22°37'31 | 21°40 | 28°41 | 18°52 | 24°59 | 7°36 | 17°42 | 3°27 | 21°30 | 17°47 | 17°51 | 19°13 | 26°58 | 26°29 | W12 |
| T 13 | 9 32 42 | 23°38'33 | 4 8 32 | 29°29 | 19° 7 | 25° 8 | 7°32 | 17°49 | 3°30 | 21°32 | 17°49 | 17°52 | 19°10 | 27° 5 | 26°34 | T 13 |
| F 14 | 9 36 38 | 24°39'33 | 17°44 | 0≈21 | 19°24 | 25°17 | 7°29 | 17°56 | 3°32 | 21°34 | 17°51 | 17°53 | 19° 7 | 27°11 | 26°39 | F 14 |
| S 15 | 9 40 35 | 25°40'33 | 1 II 18 | 1°16 | 19°42 | 25°25 | 7°26 | 18° 3 | 3°35 | 21°36 | 17°53 | 17°R53 | 19° 4 | 27°18 | 26°45 | S 15 |
| S 16 | 9 44 32 | 26°41'32 | 15°16 | 2°14 | 20° 3 | 25°32 | 7°23 | 18°10 | 3°38 | 21°39 | 17°55 | 17°52 | 19° 0 | 27°25 | 26°50 | S 16 |
| M17 | 9 48 28 | 27°42'30 | 29°36 | 3°16 | 20°25 | 25°38 | 7°20 | 18°17 | 3°40 | 21°41 | 17°57 | 17°50 | 18°57 | 27°32 | 26°55 | M17 |
| T 18 | 9 52 25 | 28°43'27 | 149517 | 4°20 | 20°50 | 25°44 | 7°17 | 18°24 | 3°43 | 21°43 | 17°58 | 17°48 | 18°54 | 27°38 | 27° 0 | T 18 |
| W19 | 9 56 21 | 29°44'23 | 29°13 | 5°27 | 21°16 | 25°50 | 7°15 | 18°31 | 3°45 | 21°45 | 18° 0 | 17°45 | 18°51 | 27°45 | 27° 5 | W19 |
| T 20 | 10 0 18 | 0) (45′18 | $14\Omega 17$ | 6°35 | 21°43 | 25°54 | 7°12 | 18°38 | 3°48 | 21°47 | 18° 2 | 17°43 | 18°48 | 27°52 | 27° 9 | T 20 |
| F 21 | 10 4 14 | 1°46'12 | 29°19 | 7°46 | 22°13 | 25°58 | 7°10 | 18°45 | 3°50 | 21°49 | 18° 4 | 17°42 | 18°44 | 27°58 | 27°14 | F 21 |
| S 22 | 10 8 11 | 2°47'06 | 14 M)11 | 8°59 | 22°44 | 26° 2 | 7° 8 | 18°52 | 3°52 | 21°51 | 18° 5 | 17°D41 | 18°41 | 28° 5 | 27°19 | S 22 |
| S 23 | 10 12 7 | 3°47'58 | 28°46 | 10°13 | 23°16 | 26° 4 | 7° 7 | 18°59 | 3°55 | 21°54 | 18° 7 | 17°41 | 18°38 | 28°12 | 27°23 | S 23 |
| M24 | 10 16 4 | 4°48'50 | 12 ≏ 56 | 11°29 | 23°50 | 26° 6 | 7° 5 | 19° 6 | 3°57 | 21°56 | 18° 9 | 17°42 | 18°35 | 28°18 | 27°28 | M24 |
| T 25 | 10 20 1 | 5°49'41 | 26°41 | 12°46 | 24°26 | 26° 7 | 7° 4 | 19°13 | 3°59 | 21°58 | 18°10 | 17°43 | 18°32 | 28°25 | 27°32 | T 25 |
| W26 | 10 23 57 | 6°50'31 | 9 M 58 | 14° 5 | 25° 2 | 26°R 8 | 7° 3 | 19°20 | 4° 1 | 22° 0 | 18°12 | 17°44 | 18°29 | 28°32 | 27°36 | W26 |
| T 27 | 10 27 54 | 7°51'21 | 22°52 | 15°25 | 25°40 | 26° 7 | 7° 2 | 19°27 | 4° 3 | 22° 2 | 18°14 | 17°45 | 18°25 | 28°38 | 27°41 | T 27 |
| F 28 | 10 31 50 | 8°52'10 | 5 ₹ 24 | 16°47 | 26°19 | 26° 6 | 7° 1 | 19°34 | 4° 6 | 22° 5 | 18°15 | 17°R45 | 18°22 | 28°45 | 27°45 | F 28 |
| S 29 | 10 35 47 | 9 米 52'59 | 17 . ₹38 | 18 ≈ 9 | 27 る 0 | 26 ♀ 4 | 7 95 1 | 19 米 41 | 4 る 8 | 22) 7 | 18 궁 17 | 17) (45 | 18 米 19 | 28 궁 52 | 27 ×7 49 | S 29 |

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|--------------|----------------------|-----------------------------|------------------------|-----------------|-----------------------|----------------|----------------|----------------|---------------|----------------|----------------|------------------|----------------|----------------|-----------------|--------------|
| S 1 | 10 39 43 | 10 ¥ 53'46 | 29 ½ 40 | 19≈33 | 27 ප් 41 | 26°R 2 | 7°R 1 | 19) 49 | 4 ට 10 | 22 米 9 | 18 궁 18 | 17°R45 | 18 米 16 | 28 ට 59 | 27 × 753 | S 1 |
| M 2 | 10 43 40 | 11°54'33 | 11 る 34 | 20°57 | 28°24 | 25 ≙ 58 | 7°D 1 | 19°56 | 4°11 | 22°11 | 18°20 | 17) (44 | 18°13 | 29° 5 | 27°57 | M 2 |
| T 3 | 10 47 36 | 12°55'19 | 23°23 | 22°23 | 29° 8 | 25°54 | 7 9 5 1 | 20° 3 | 4°13 | 22°14 | 18°21 | 17°43 | 18°10 | 29°12 | 28° 0 | T 3 |
| W 4 | 10 51 33 | 13°56'04 14°56'48 | 5 ≈ 13 17° 6 | 23°49 25°17 | 29°52 | 25°49 25°43 | 7° 1 7° 2 | 20°10 20°17 | 4°15 4°17 | 22°16 22°18 | 18°23 18°24 | 17°43 17°42 | 18° 6 18° 3 | 29°19 29°25 | 28° 4 28° 8 | W 4 |
| T 5 F 6 | 10 55 30 10 59 26 | 14°56'48 15°57'30 | 29° 5 | 25°17 26°46 | 0 ≈ 38 1°25 | 25°43 25°37 | 7° 2 7° 3 | 20°17 20°25 | 4°17 4°19 | 22°18 22°20 | 18°24 18°26 | 17°42 17°42 | 18° 3 | 29°25 29°32 | 28° 8 28°11 | T 5 F 6 |
| S 7 | 11 3 23 | 16°58'12 | 11) 13 | 28°15 | 2°12 | 25°29 | 7° 4 | 20°32 | 4°20 | 22°23 | 18°27 | 17°42 | 17°57 | 29°39 | 28°15 | S 7 |
| S 8 | 11 7 19 | 17°58'52 | 23°30 | 29°45 | 3° 0 | 25°21 | 7° 5 | 20°39 | 4°22 | 22°25 | 18°28 | 17°42 | 17°54 | 29°45 | 28°18 | S 8 |
| M 9 | 11 11 16 | 18°59'31 | 5 Υ 59 | 1) (17 | 3°50 | 25°12 | 7° 6 | 20°46 | 4°24 | 22°27 | 18°30 | 17°42 | 17°50 | 29°52 | 28°21 | M 9 |
| T 10 | 11 15 12 | 20° 0'09 | 18°40 | 2°49 | 4°40 | 25° 3 | 7° 8 | 20°53 | 4°25 | 22°29 | 18°31 | 17°42 | 17°47 | 29°59 | 28°24 | T 10 |
| W11 | 11 19 9 | 21° 0'45 | 1 8 34 | 4°22 | 5°30 | 24°52 | 7°10 | 21° 1 | 4°27 | 22°32 | 18°32 | 17°42 | 17°44 | 0≈ 5 | 28°27 | W11 |
| T 12 | 11 23 5 | 22° 1'19 | 14°42 | 5°56 | 6°22 | 24°41 | 7°12 | 21° 8 | 4°28 | 22°34 | 18°34 | 17°41 | 17°41 | 0°12 | 28°30 | T 12 |
| F 13 | 11 27 2 | 23° 1'52 | 28° 5 | 7°31 | 7°14 | 24°29 | 7°14 | 21°15 | 4°30 | 22°36 | 18°35 | 17°41 | 17°38 | 0°19 | 28°33 | F 13 |
| S 14 | 11 30 59 | 24° 2'24 | 11 Ⅱ 42 | 9° 6 | 8° 6 | 24°16 | 7°16 | 21°22 | 4°31 | 22°39 | 18°36 | 17°40 | 17°35 | 0°26 | 28°36 | S 14 |
| S 15 | 11 34 55 | 25° 2'54 | 25°35 | 10°43 | 9° 0 | 24° 2 | 7°19 | 21°30 | 4°32 | 22°41 | 18°37 | 17°D40 | 17°31 | 0°32 | 28°38 | S 15 |
| M16 | 11 38 52 | 26° 3'22 | 9 9 42 | 12°21 | 9°54 | 23°48 | 7°21 | 21°37 | 4°34 | 22°43 | 18°38 | 17°40 | 17°28 | 0°39 | 28°41 | M16 |
| T 17 | 11 42 48 | 27° 3'48 | 24° 2 | 13°59 | 10°49 | 23°33 | 7°24 | 21°44 | 4°35 | 22°45 | 18°39 | 17°41 | 17°25 | 0°46 | 28°43 | T 17 |
| W18 | 11 46 45 | 28° 4'12 | 8 Ω 32 | 15°39 | 11°44 | 23°18 | 7°28 | 21°51 | 4°36 | 22°48 | 18°40 | 17°42 | 17°22 | 0°52 | 28°46 | W18 |
| T 19 F 20 | 11 50 41 11 54 38 | 29° 4'35 0 ° 4'55 | 23° 8 | 17°19 19°0 | 12°39 13°36 | 23° 1 22°44 | 7°31 7°34 | 21°58 22° 6 | 4°37 4°38 | 22°50 22°52 | 18°41 18°42 | 17°43 17°43 | 17°19 17°16 | 0°59 1° 6 | 28°48 28°50 | T 19 F 20 |
| S 21 | 11 54 38 | 1° 5'14 | 7 Mp 46 22°18 | 20°43 | 13°36 14°33 | 22°44 22°26 | 7°34 7°38 | 22°13 | 4°38 4°39 | 22°54 | 18°42 18°43 | 17°R43 | 17°16 | 1°12 | 28°52 | S 21 |
| | | | | | | | | | | | | | | | | |
| S 22 | 12 2 31 | 2° 5'31 | 6 ₾ 38 | 22°26 | 15°30 | 22° 8 | 7°42 | 22°20 | 4°40 | 22°57 | 18°44 | 17°43 | 17° 9 | 1°19 | 28°54 | S 22 |
| M23 T 24 | 12 6 28 12 10 24 | 3° 5'47 4° 6'01 | 20°42 4M26 | 24°11 25°56 | 16°28 17°26 | 21°49 21°30 | 7°46 7°50 | 22°27 22°34 | 4°41 4°42 | 22°59 23° 1 | 18°45 18°46 | 17°41 17°39 | 17° 6 17° 3 | 1°26 1°32 | 28°56 28°57 | M23 T 24 |
| W25 | 12 10 24 | 5° 6'14 | 17°47 | 23°30 27°42 | 17 26 18°25 | 21°10 | 7°55 | 22°41 | 4°42 | 23° 4 | 18°47 | 17°37 | 17° 0 | 1°39 | 28°59 | W25 |
| T 26 | 12 14 21 | 6° 6'25 | 0×745 | 29°30 | 18 23 19°24 | 20°49 | 7°59 | 22°48 | 4°43 | 23° 6 | 18°48 | 17°34 | 16°56 | 1°46 | 29° 0 | T 26 |
| F 27 | 12 10 17 | 7° 6'35 | 13°22 | 1 Υ 18 | 20°23 | 20°28 | 8° 4 | 22°56 | 4°44 | 23° 8 | 18°49 | 17°32 | 16°53 | 1°52 | 29° 2 | F 27 |
| S 28 | 12 26 10 | 8° 6'43 | 25°40 | 3° 8 | 21°23 | 20° 7 | 8° 9 | 23° 3 | 4°44 | 23°10 | 18°49 | 17°30 | 16°50 | 1°59 | 29° 3 | S 28 |
| S 29 | 12 30 7 | 9° 6'50 | 7 궁 45 | 4°59 | 22°24 | 19°45 | 8°14 | 23°10 | 4°45 | 23°12 | 18°50 | 17°D30 | 16°47 | 2° 6 | 29° 4 | S 29 |
| M30 | 12 34 3 | 10° 6'56 | 19°39 | 6°50 | 23°24 | 19°23 | 8°19 | 23°17 | <u>4°46</u> | 23°15 | 1 <u>8</u> °51 | 17°30 | 16°44 | 2°12 | 29° 5 | M30 |
| T 31 | 12 38 0 | 11 Y 7'00 | 1≈30 | 8 Υ 43 | 24≈26 | 19 ♀ 0 | 8925 | 23 米 24 | 4 궁 46 | 23 米 17 | 18 ට 51 | 17) (31 | 16 米 41 | 2≈19 | 29 × 6 | T 31 |

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| W 1 | 12 41 57 | 12 Y 7'02 | 13≈20 | 10 Y 37 | 25≈27 | 18°R37 | 8931 | 23) (31 | 4 궁 46 | 23 米 19 | 18 ට 52 | 17) 33 | 16 ¥ 37 | 2≈26 | 29 ×7 7 | W 1 |
| T 2 | 12 45 53 | 13° 7'03 | 25°15 | 12°32 | 26°29 | 18 ≏ 14 | 8°36 | 23°38 | 4°47 | 23°21 | 18°53 | 17°35 | 16°34 | 2°33 | 29° 8 | T 2 |
| F 3 | 12 49 50 | 14° 7'02 | 7 ∺ 19 | 14°28 | 27°31 | 17°51 | 8°42 | 23°45 | 4°47 | 23°23 | 18°53 | 17°36 | 16°31 | 2°39 | 29° 9 | F 3 |
| S 4 | 12 53 46 | 15° 7'00 | 19°35 | 16°24 | 28°33 | 17°28 | 8°48 | 23°52 | 4°47 | 23°26 | 18°54 | 17°R36 | 16°28 | 2°46 | 29° 9 | S 4 |
| S 5 | 12 57 43 | 16° 6'55 | 2 Υ 6 | 18°22 | 29°36 | 17° 4 | 8°55 | 23°58 | 4°47 | 23°28 | 18°54 | 17°36 | 16°25 | 2°53 | 29°10 | S 5 |
| M 6 | 13 1 39 | 17° 6'49 | 14°53 | 20°20 | 0 ∺ 39 | 16°40 | 9° 1 | 24° 5 | 4°48 | 23°30 | 18°55 | 17°33 | 16°21 | 2°59 | 29°10 | M 6 |
| T 7 | 13 5 36 | 18° 6'42 | 27°57 | 22°18 | 1°42 | 16°17 | 9° 8 | 24°12 | 4°48 | 23°32 | 18°55 | 17°29 | 16°18 | 3° 6 | 29°10 | T 7 |
| W 8 | 13 9 32 | 19° 6'32 | 11 8 15 | 24°18 | 2°46 | 15°53 | 9°15 | 24°19 | 4°R48 | 23°34 | 18°56 | 17°24 | 16°15 | 3°13 | 29°10 | W 8 |
| T 9 | 13 13 29 | 20° 6'20 | 24°48 | 26°17 | 3°50 | 15°29 | 9°21 | 24°26 | 4°48 | 23°36 | 18°56 | 17°19 | 16°12 | 3°19 | 29°R10 | T 9 |
| F 10 | 13 17 25 | 21° 6'07 | 8 Ⅲ 33 | 28°17 | 4°54 | 15° 6 | 9°29 | 24°32 | 4°48 | 23°38 | 18°56 | 17°14 | 16° 9 | 3°26 | 29°10 | F 10 |
| S 11 | 13 21 22 | 22° 5'51 | 22°27 | 0816 | 5°58 | 14°42 | 9°36 | 24°39 | 4°47 | 23°40 | 18°57 | 17°10 | 16° 6 | 3°33 | 29°10 | S 11 |
| S 12 | 13 25 19 | 23° 5'33 | 6928 | 2°15 | 7° 2 | 14°19 | 9°43 | 24°46 | 4°47 | 23°42 | 18°57 | 17° 7 | 16° 2 | 3°39 | 29°10 | S 12 |
| M13 | 13 29 15 | 24° 5'13 | 20°34 | 4°13 | 8° 7 | 13°56 | 9°51 | 24°53 | 4°47 | 23°44 | 18°57 | 17°D 6 | 15°59 | 3°46 | 29° 9 | M13 |
| T 14 | 13 33 12 | 25° 4'51 | $4\Omega 44$ | 6°10 | 9°12 | 13°34 | 9°58 | 24°59 | 4°47 | 23°46 | 18°57 | 17° 6 | 15°56 | 3°53 | 29° 9 | T 14 |
| W15 | 13 37 8 | 26° 4'26 | 18°55 | 8° 6 | 10°17 | 13°12 | 10° 6 | 25° 6 | 4°46 | 23°48 | 18°57 | 17° 7 | 15°53 | 3°59 | 29° 8 | W15 |
| T 16 | 13 41 5 | 27° 3'59 | 3 Mmy 6 | 10° 0 | 11°23 | 12°50 | 10°14 | 25°12 | 4°46 | 23°50 | 18°58 | 17° 9 | 15°50 | 4° 6 | 29° 8 | T 16 |
| F 17 | 13 45 1 | 28° 3'30 | 17°15 | 11°52 | 12°28 | 12°28 | 10°22 | 25°19 | 4°46 | 23°52 | 18°58 | 17°R 9 | 15°47 | 4°13 | 29° 7 | F 17 |
| S 18 | 13 48 58 | 29° 2'59 | 1 ≏ 19 | 13°41 | 13°34 | 12° 7 | 10°30 | 25°25 | 4°45 | 23°54 | 18°58 | 17° 8 | 15°43 | 4°19 | 29° 6 | S 18 |
| S 19 | 13 52 54 | 0 ප 2'25 | 15°15 | 15°26 | 14°40 | 11°47 | 10°38 | 25°32 | 4°44 | 23°56 | 18°58 | 17° 5 | 15°40 | 4°26 | 29° 5 | S 19 |
| M20 | 13 56 51 | 1° 1'50 | 28°59 | 17° 9 | 15°46 | 11°27 | 10°47 | 25°38 | 4°44 | 23°58 | 18°R58 | 17° 1 | 15°37 | 4°33 | 29° 4 | M20 |
| T 21 | 14 0 48 | 2° 1'13 | 12 M 28 | 18°47 | 16°52 | 11° 7 | 10°55 | 25°44 | 4°43 | 24° 0 | 18°58 | 16°54 | 15°34 | 4°39 | 29° 3 | T 21 |
| W22 | 14 444 | 3° 0'33 | 25°41 | 20°21 | 17°59 | 10°48 | 11° 4 | 25°50 | 4°42 | 24° 2 | 18°58 | 16°46 | 15°31 | 4°46 | 29° 1 | W22 |
| T 23 | 14 8 41 | 3°59'53 | 8 才 34 | 21°51 | 19° 5 | 10°30 | 11°13 | 25°57 | 4°42 | 24° 4 | 18°58 | 16°37 | 15°27 | 4°53 | 29° 0 | T 23 |
| F 24 | 14 12 37 | 4°59'10 | 21°10 | 23°15 | 20°12 | 10°12 | 11°22 | 26° 3 | 4°41 | 24° 6 | 18°58 | 16°30 | 15°24 | 4°59 | 28°59 | F 24 |
| S 25 | 14 16 34 | 5°58'25 | 3 る 29 | 24°34 | 21°19 | 9°55 | 11°31 | 26° 9 | 4°40 | 24° 7 | 18°57 | 16°23 | 15°21 | 5° 6 | 28°57 | S 25 |
| S 26 | 14 20 30 | 6°57'39 | 15°35 | 25°48 | 22°26 | 9°39 | 11°40 | 26°15 | 4°39 | 24° 9 | 18°57 | 16°18 | 15°18 | 5°13 | 28°55 | S 26 |
| M27 | 14 24 27 | 7°56'51 | 27°30 | 26°55 | 23°34 | 9°23 | 11°50 | 26°21 | 4°38 | 24°11 | 18°57 | 16°16 | 15°15 | 5°19 | 28°54 | M27 |
| T 28 | 14 28 23 | 8°56'01 | 9≈20 | 27°57 | 24°41 | 9° 8 | 11°59 | 26°27 | 4°37 | 24°13 | 18°57 | 16°D15 | 15°12 | 5°26 | 28°52 | T 28 |
| W29 | 14 32 20 | 9°55'10 | 21°11 | 28°52 | 25°49 | 8°53 | 12° 8 | 26°33 | <u>4°36</u> | 24°15 | 1 <u>8</u> °57 | 16°16 | 15° 8 | 5°33 | 28°50 | W29 |
| T 30 | 14 36 17 | 10 8 54'17 | 3 ∺ 7 | 29 8 41 | 26 米 56 | 8 쇼 40 | 129518 | 26 米 39 | 4 ろ 35 | 24 米 16 | 18 궁 56 | 16 米 17 | 15 ¥ 5 | 5≈40 | 28 ∡ ³48 | T 30 |

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|------|----------|--------------------|----------------|----------------|---------------|---------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|------|-----------------|------|
| F 1 | 14 40 13 | 11853'22 | 15) 13 | 0 Д 23 | 28 ∺ 4 | 8°R27 | 129528 | 26) 45 | 4°R34 | 24) 18 | 18°R56 | 16°R17 | 15 米 2 | 5≈46 | 28°R46 | F 1 |
| S 2 | 14 44 10 | 12°52'25 | 27°34 | 0°59 | 29°12 | 8 ≏ 15 | 12°38 | 26°50 | 4 궁 33 | 24°20 | 18 궁 55 | 16) 17 | 14°59 | 5°53 | 28 ∡ ⁴43 | S 2 |
| S 3 | 14 48 6 | 13°51'27 | 10 Υ 14 | 1°28 | o Υ 20 | 8° 3 | 12°48 | 26°56 | 4°31 | 24°21 | 18°55 | 16°14 | 14°56 | 6° 0 | 28°41 | S 3 |
| M 4 | 14 52 3 | 14°50'27 | 23°15 | 1°51 | 1°28 | 7°53 | 12°58 | 27° 2 | 4°30 | 24°23 | 18°55 | 16° 9 | 14°53 | 6° 6 | 28°39 | M 4 |
| T 5 | 14 55 59 | 15°49'25 | 6 8 38 | 2° 6 | 2°37 | 7°43 | 13° 8 | 27° 7 | 4°29 | 24°24 | 18°54 | 16° 1 | 14°49 | 6°13 | 28°36 | T 5 |
| W 6 | 14 59 56 | 16°48'21 | 20°21 | 2°16 | 3°45 | 7°34 | 13°18 | 27°13 | 4°28 | 24°26 | 18°54 | 15°52 | 14°46 | 6°20 | 28°34 | W 6 |
| T 7 | 15 3 52 | 17°47'16 | 4 Ⅲ 21 | 2°R19 | 4°54 | 7°26 | 13°29 | 27°18 | 4°26 | 24°28 | 18°53 | 15°42 | 14°43 | 6°26 | 28°31 | T 7 |
| F 8 | 15 7 49 | 18°46'08 | 18°34 | 2°15 | 6° 2 | 7°18 | 13°39 | 27°24 | 4°25 | 24°29 | 18°53 | 15°32 | 14°40 | 6°33 | 28°28 | F 8 |
| S 9 | 15 11 46 | 19°44'58 | 2953 | 2° 6 | 7°11 | 7°12 | 13°50 | 27°29 | 4°23 | 24°31 | 18°52 | 15°23 | 14°37 | 6°40 | 28°26 | S 9 |
| S 10 | 15 15 42 | 20°43'47 | 17°14 | 1°51 | 8°20 | 7° 6 | 14° 0 | 27°35 | 4°22 | 24°32 | 18°51 | 15°17 | 14°33 | 6°46 | 28°23 | S 10 |
| M11 | 15 19 39 | 21°42'33 | 1 Ω 33 | 1°31 | 9°29 | 7° 1 | 14°11 | 27°40 | 4°20 | 24°34 | 18°51 | 15°13 | 14°30 | 6°53 | 28°20 | M11 |
| T 12 | 15 23 35 | 22°41'17 | 15°45 | 1° 6 | 10°38 | 6°57 | 14°22 | 27°45 | 4°18 | 24°35 | 18°50 | 15°12 | 14°27 | 7° 0 | 28°17 | T 12 |
| W13 | 15 27 32 | 23°39'58 | 29°50 | 0°37 | 11°47 | 6°53 | 14°33 | 27°50 | 4°17 | 24°36 | 18°49 | 15°D11 | 14°24 | 7° 6 | 28°14 | W13 |
| T 14 | 15 31 28 | 24°38'37 | 13 M 47 | 0° 4 | 12°56 | 6°50 | 14°44 | 27°55 | 4°15 | 24°38 | 18°49 | 15°R12 | 14°21 | 7°13 | 28°11 | T 14 |
| F 15 | 15 35 25 | 25°37'15 | 27°35 | 29 8 28 | 14° 5 | 6°48 | 14°55 | 28° 0 | 4°13 | 24°39 | 18°48 | 15°11 | 14°18 | 7°20 | 28° 7 | F 15 |
| S 16 | 15 39 21 | 26°35'50 | 11 ≏ 14 | 28°49 | 15°15 | 6°47 | 15° 6 | 28° 5 | 4°12 | 24°40 | 18°47 | 15° 9 | 14°14 | 7°26 | 28° 4 | S 16 |
| S 17 | 15 43 18 | 27°34'23 | 24°44 | 28°10 | 16°24 | 6°D47 | 15°18 | 28°10 | 4°10 | 24°42 | 18°46 | 15° 4 | 14°11 | 7°33 | 28° 1 | S 17 |
| M18 | 15 47 15 | 28°32'54 | 8 M 4 | 27°29 | 17°33 | 6°47 | 15°29 | 28°14 | 4° 8 | 24°43 | 18°46 | 14°56 | 14° 8 | 7°40 | 27°57 | M18 |
| T 19 | 15 51 11 | 29°31'23 | 21°12 | 26°48 | 18°43 | 6°48 | 15°41 | 28°19 | 4° 6 | 24°44 | 18°45 | 14°45 | 14° 5 | 7°46 | 27°54 | T 19 |
| W20 | 15 55 8 | 0耳29'50 | 4 才 7 | 26° 8 | 19°53 | 6°50 | 15°52 | 28°24 | 4° 4 | 24°45 | 18°44 | 14°33 | 14° 2 | 7°53 | 27°50 | W20 |
| T 21 | 15 59 4 | 1°28'16 | 16°48 | 25°30 | 21° 2 | 6°52 | 16° 4 | 28°28 | 4° 2 | 24°47 | 18°43 | 14°20 | 13°59 | 8° 0 | 27°47 | T 21 |
| F 22 | 16 3 1 | 2°26'40 | 29°16 | 24°53 | 22°12 | 6°56 | 16°15 | 28°33 | 4° 0 | 24°48 | 18°42 | 14° 8 | 13°55 | 8° 6 | 27°43 | F 22 |
| S 23 | 16 6 57 | 3°25'02 | 11 る 29 | 24°19 | 23°22 | 6°59 | 16°27 | 28°37 | 3°58 | 24°49 | 18°41 | 13°57 | 13°52 | 8°13 | 27°39 | S 23 |
| S 24 | 16 10 54 | 4°23'23 | 23°32 | 23°48 | 24°32 | 7° 4 | 16°39 | 28°41 | 3°56 | 24°50 | 18°40 | 13°49 | 13°49 | 8°20 | 27°36 | S 24 |
| M25 | 16 14 50 | 5°21'42 | 5≈26 | 23°21 | 25°42 | 7° 9 | 16°51 | 28°46 | 3°54 | 24°51 | 18°39 | 13°43 | 13°46 | 8°26 | 27°32 | M25 |
| T 26 | 16 18 47 | 6°20'00 | 17°15 | 22°58 | 26°52 | 7°15 | 17° 3 | 28°50 | 3°52 | 24°52 | 18°38 | 13°40 | 13°43 | 8°33 | 27°28 | T 26 |
| W27 | 16 22 44 | 7°18'16 | 29° 5 | 22°38 | 28° 2 | 7°22 | 17°15 | 28°54 | 3°50 | 24°53 | 18°37 | 13°39 | 13°39 | 8°40 | 27°24 | W27 |
| T 28 | 16 26 40 | 8°16'31 | 11 米 0 | 22°24 | 29°12 | 7°29 | 17°27 | 28°58 | 3°48 | 24°54 | 18°36 | 13°38 | 13°36 | 8°46 | 27°20 | T 28 |
| F 29 | 16 30 37 | 9°14'44 | 23° 5 | 22°13 | 0823 | 7°37 | 17°39 | 29° 2 | 3°46 | 24°55 | 18°35 | 13°38 | 13°33 | 8°53 | 27°16 | F 29 |
| S 30 | 16 34 33 | 10°12'56 | 5 Ƴ 28 | 22° 8 | 1°33 | 7°45 | 17°51 | 29° 6 | 3°43 | 24°56 | 18°34 | 13°37 | 13°30 | 9° 0 | 27°12 | S 30 |
| S 31 | 16 38 30 | 11 II 11'07 | 18 Y 10 | 22°D 7 | 2 8 43 | 7 ≙ 54 | 189 4 | 29 米 9 | 3 ප් 41 | 24 米 57 | 18 ට 32 | 13 ∺ 34 | 13 ∺ 27 | 9≈ 6 | 27 ∡7 8 | S 31 |

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| M 1 | 16 42 26 | 12 II 9'16 | 1818 | 22811 | 3 8 54 | 8 요 4 | 189516 | 29 米 13 | 3°R39 | 24) (57 | 18°R31 | 13°R28 | 13) (24 | 9≈13 | 27°R 4 | M 1 |
| T 2 | 16 46 23 | 13° 7'24 | 14°52 | 22°20 | 5° 4 | 8°14 | 18°28 | 29°17 | 3 る 37 | 24°58 | 18 る 30 | 13 米 19 | 13°20 | 9°20 | 27 ₹ 0 | T 2 |
| W 3 | 16 50 19 | 14° 5'30 | 28°51 | 22°33 | 6°15 | 8°25 | 18°41 | 29°20 | 3°34 | 24°59 | 18°29 | 13° 9 | 13°17 | 9°26 | 26°56 | W 3 |
| T 4 | 16 54 16 | 15° 3'35 | 13 Ⅱ 12 | 22°51 | 7°25 | 8°36 | 18°53 | 29°23 | 3°32 | 25° 0 | 18°28 | 12°57 | 13°14 | 9°33 | 26°51 | T 4 |
| F 5 | 16 58 13 | 16° 1'39 | 27°49 | 23°13 | 8°36 | 8°48 | 19° 6 | 29°27 | 3°30 | 25° 0 | 18°26 | 12°46 | 13°11 | 9°40 | 26°47 | F 5 |
| S 6 | 17 2 9 | 16°59'41 | 12934 | 23°39 | 9°47 | 9° 1 | 19°18 | 29°30 | 3°27 | 25° 1 | 18°25 | 12°36 | 13° 8 | 9°46 | 26°43 | S 6 |
| S 7 | 17 6 6 | 17°57'41 | 27°19 | 24°10 | 10°57 | 9°14 | 19°31 | 29°33 | 3°25 | 25° 2 | 18°24 | 12°28 | 13° 5 | 9°53 | 26°39 | S 7 |
| M 8 | 17 10 2 | 18°55'40 | $11\Omega58$ | 24°44 | 12° 8 | 9°27 | 19°44 | 29°36 | 3°23 | 25° 2 | 18°23 | 12°23 | 13° 1 | 10° 0 | 26°34 | M 8 |
| T 9 | 17 13 59 | 19°53'37 | 26°24 | 25°23 | 13°19 | 9°41 | 19°57 | 29°39 | 3°20 | 25° 3 | 18°21 | 12°21 | 12°58 | 10° 6 | 26°30 | T 9 |
| W10 | 17 17 55 | 20°51'32 | 10 m 35 | 26° 5 | 14°30 | 9°56 | 20° 9 | 29°42 | 3°18 | 25° 4 | 18°20 | 12°D20 | 12°55 | 10°13 | 26°26 | W10 |
| T 11 | 17 21 52 | 21°49'25 | 24°30 | 26°51 | 15°40 | 10°11 | 20°22 | 29°45 | 3°15 | 25° 4 | 18°19 | 12°R20 | 12°52 | 10°20 | 26°22 | T 11 |
| F 12 | 17 25 49 | 22°47'17 | 8 ₾ 10 | 27°41 | 16°51 | 10°27 | 20°35 | 29°48 | 3°13 | 25° 5 | 18°17 | 12°20 | 12°49 | 10°26 | 26°17 | F 12 |
| S 13 | 17 29 45 | 23°45'07 | 21°34 | 28°34 | 18° 2 | 10°43 | 20°48 | 29°50 | 3°11 | 25° 5 | 18°16 | 12°17 | 12°45 | 10°33 | 26°13 | S 13 |
| S 14 | 17 33 42 | 24°42'55 | 4 M .46 | 29°30 | 19°13 | 10°59 | 21° 1 | 29°53 | 3°8 | 25° 5 | 18°14 | 12°12 | 12°42 | 10°40 | 26° 9 | S 14 |
| M15 | 17 37 38 | 25°40'42 | 17°45 | 0∏29 | 20°24 | 11°16 | 21°14 | 29°55 | 3° 6 | 25° 6 | 18°13 | 12° 4 | 12°39 | 10°46 | 26° 4 | M15 |
| T 16 | 17 41 35 | 26°38'28 | 0 ₮ 32 | 1°32 | 21°35 | 11°34 | 21°27 | 29°58 | 3° 3 | 25° 6 | 18°12 | 11°54 | 12°36 | 10°53 | 26° 0 | T 16 |
| W17 | 17 45 31 | 27°36'12 | 13° 9 | 2°37 | 22°46 | 11°52 | 21°40 | 29°59 | 3° 1 | 25° 6 | 18°10 | 11°42 | 12°33 | 11° 0 | 25°56 | W17 |
| T 18 | 17 49 28 | 28°33'55 | 25°34 | 3°46 | 23°58 | 12°10 | 21°54 | 0 Υ 2 | 2°58 | 25° 7 | 18° 9 | 11°29 | 12°30 | 11° 6 | 25°51 | T 18 |
| F 19 | 17 53 24 | 29°31'37 | 7 る 49 | 4°58 | 25° 9 | 12°29 | 22° 7 | 0° 4 | 2°56 | 25° 7 | 18° 7 | 11°17 | 12°26 | 11°13 | 25°47 | F 19 |
| S 20 | 17 57 21 | 0929'17 | 19°54 | 6°12 | 26°20 | 12°48 | 22°20 | 0° 6 | 2°53 | 25° 7 | 18° 6 | 11° 6 | 12°23 | 11°20 | 25°43 | S 20 |
| S 21 | 18 118 | 1°26'56 | 1≈51 | 7°29 | 27°31 | 13° 7 | 22°33 | 0° 8 | 2°51 | 25° 7 | 18° 4 | 10°58 | 12°20 | 11°26 | 25°38 | S 21 |
| M22 | 18 5 14 | 2°24'35 | 13°42 | 8°49 | 28°42 | 13°27 | 22°46 | 0°10 | 2°48 | 25° 8 | 18° 3 | 10°52 | 12°17 | 11°33 | 25°34 | M22 |
| T 23 | 18 9 11 | 3°22'12 | 25°29 | 10°12 | 29°54 | 13°48 | 23° 0 | 0°11 | 2°46 | 25° 8 | 18° 1 | 10°49 | 12°14 | 11°40 | 25°30 | T 23 |
| W24 | 18 13 7 | 4°19'48 | 7) €18 | 11°37 | 1 II 5 | 14° 8 | 23°13 | 0°13 | 2°43 | 25° 8 | 18° 0 | 10°D48 | 12°11 | 11°46 | 25°26 | W24 |
| T 25 | 18 17 4 | 5°17'24 | 19°12 | 13° 5 | 2°17 | 14°29 | 23°26 | 0°14 | 2°41 | 25° 8 | 17°58 | 10°48 | 12° 7 | 11°53 | 25°21 | T 25 |
| F 26 | 18 21 0 | 6°14'59 | 1 Y 17 | 14°35 | 3°28 | 14°51 | 23°40 | 0°16 | 2°38 | 25°R 8 | 17°57 | 10°R48 | 12° 4 | 12° 0 | 25°17 | F 26 |
| S 27 | 18 24 57 | 7°12'33 | 13°38 | 16° 9 | 4°39 | 15°12 | 23°53 | 0°17 | 2°36 | 25° 8 | 17°55 | 10°48 | 12° 1 | 12° 6 | 25°13 | S 27 |
| S 28 | 18 28 53 | 8°10'06 | 26°19 | 17°44 | 5°51 | 15°35 | 24° 7 | 0°18 | 2°33 | 25° 8 | 17°54 | 10°47 | 11°58 | 12°13 | 25° 9 | S 28 |
| M29 | 18 32 50 | 9° 7'39 | 9 8 26 | 19°23 | 7° 3 | 15°57 | 24°20 | 0°19 | 2°31 | 25° 8 | 17°52 | 10°43 | 11°55 | 12°20 | 25° 5 | M29 |
| T 30 | 18 36 47 | 109 5'11 | 238 1 | 21Ⅱ 4 | 8 Ⅱ 14 | 16 ≏ 20 | 24934 | 0 Υ 20 | 2 る 28 | 25 米 8 | 17 る 51 | 10) €37 | 11 米 51 | 12≈26 | 25 √ 1 | T 30 |

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| W 1 | 18 40 43 | 1195 2'42 | 7 Ⅱ 4 | 22 II 48 | 9 Ⅱ 26 | 16 ≏ 43 | 249647 | 0 Υ 21 | 2°R26 | 25°R 8 | 17°R49 | 10°R29 | 11) 48 | 12≈33 | 24°R57 | W 1 |
| T 2 | 18 44 40 | 12° 0'13 | 21°33 | 24°34 | 10°37 | 17° 7 | 25° 1 | 0°22 | 2 3 24 | 25) 7 | 17 3 48 | 10 米 21 | 11°45 | 12°40 | 24×752 | T 2 |
| F 3 S 4 | 18 48 36 18 52 33 | 12°57'43 13°55'13 | 6 9 23 21°26 | 26°22 28°14 | 11°49 13° 1 | 17°30 17°55 | 25°14 25°28 | 0°23 0°24 | 2°21 2°19 | 25° 7 25° 7 | 17°46 17°44 | 10°12 10° 4 | 11°42 11°39 | 12°46 12°53 | 24°49 24°45 | F 3 S 4 |
| | | | | | _ | | | - | | | | | | | | |
| S 5 | 18 56 29 | 14°52'41 | 6 Ω 31 | 095 7 | 14°12 | 18°19 | 25°41 | 0°24 | 2°16 | 25° 7 | 17°43 | 9°58 | 11°36 | 13° 0 | 24°41 | S 5 |
| M 6 T 7 | 19 0 26 19 4 23 | 15°50'09 16°47'35 | 21°30 6 m)14 | 2° 3 4° 1 | 15°24 16°36 | 18°44 19° 9 | 25°55 26° 9 | 0°24 0°25 | 2°14 2°11 | 25° 6 25° 6 | 17°41 17°40 | 9°55 9°D54 | 11°32 11°29 | 13° 6 13°13 | 24°37 24°33 | M 6 T 7 |
| W 8 | 19 4 23 | 10 47 33 17°45'00 | 20°39 | 6° 2 | 10 30 17°48 | 19°34 | 26°22 | 0°25 | 2° 9 | 25° 6 | 17°38 | 9°54 | 11°26 | 13°20 | 24°33 | W 8 |
| T 9 | 19 12 16 | 18°42'25 | 4 <u>₽</u> 43 | 8° 5 | 19° 0 | 20° 0 | 26°36 | 0°25 | 2° 7 | 25° 5 | 17°37 | 9°55 | 11°23 | 13°26 | 24°26 | T 9 |
| F 10 | 19 16 12 | 19°39'49 | 18°25 | 10° 9 | 20°12 | 20°26 | 26°50 | 0°R25 | 2° 4 | 25° 5 | 17°35 | 9°R55 | 11°20 | 13°33 | 24°22 | F 10 |
| S 11 | 19 20 9 | 20°37'11 | 1 M .46 | 12°15 | 21°23 | 20°52 | 27° 3 | 0°25 | 2° 2 | 25° 4 | 17°33 | 9°55 | 11°17 | 13°40 | 24°18 | S 11 |
| S 12 | 19 24 5 | 21°34'33 | 14°48 | 14°23 | 22°35 | 21°18 | 27°17 | 0°25 | 2° 0 | 25° 4 | 17°32 | 9°52 | 11°13 | 13°46 | 24°15 | S 12 |
| M13 | 19 28 2 | 22°31'54 | 27°35 | 16°32 | 23°47 | 21°45 | 27°31 | 0°25 | 1°57 | 25° 3 | 17°30 | 9°48 | 11°10 | 13°53 | 24°11 | M13 |
| T 14 | 19 31 58 | 23°29'15 | 10 ∡ 7 | 18°42 | 24°59 | 22°12 | 27°44 | 0°24 | 1°55 | 25° 3 | 17°29 | 9°42 | 11° 7 | 14° 0 | 24° 8 | T 14 |
| W15 | 19 35 55 | 24°26'34 | 22°29 | 20°53 23° 5 | 26°11 27°23 | 22°39 23° 7 | 27°58 | 0°24 | 1°53 | 25° 2 25° 2 | 17°27 | 9°34 9°26 | 11° 4 | 14° 6 | 24° 5 | W15 |
| T 16 F 17 | 19 39 52 19 43 48 | 25°23'53 26°21'12 | 4 ⋜ 40 16°43 | 25°16 | 27°23 28°35 | 23° 7 23°34 | 28°12 28°25 | 0°23 0°22 | 1°51 1°48 | 25° 2 25° 1 | 17°26 17°24 | 9°26 9°18 | 11° 1 10°57 | 14°13 14°20 | 24° 1 23°58 | T 16 F 17 |
| S 18 | 19 47 45 | 27°18'30 | 28°40 | 27°28 | 29°48 | 24° 2 | 28°39 | 0°22 | 1°46 | 25° 0 | 17°23 | 9°11 | 10°54 | 14°26 | 23°55 | S 18 |
| S 19 | 19 51 41 | 28°15'48 | 10≈31 | 29°39 | 199 0 | 24°31 | 28°53 | 0°21 | 1°44 | 25° 0 | 17°21 | 9° 6 | 10°51 | 14°33 | 23°52 | S 19 |
| M20 | 19 55 38 | 29°13'05 | 22°20 | 1Ω50 | 2°12 | 24°59 | 29° 6 | 0°20 | 1°42 | 24°59 | 17°19 | 9° 3 | 10°48 | 14°40 | 23°49 | M20 |
| T 21 | 19 59 34 | 0 Ω 10'22 | 4 ∺ 7 | 4° 0 | 3°24 | 25°28 | 29°20 | 0°19 | 1°40 | 24°58 | 17°18 | 9°D 1 | 10°45 | 14°46 | 23°46 | T 21 |
| W22 | 20 3 31 | 1° 7'39 | 15°58 | 6° 9 | 4°36 | 25°57 | 29°34 | 0°18 | 1°38 | 24°57 | 17°16 | 9° 2 | 10°42 | 14°53 | 23°43 | W22 |
| T 23 F 24 | 20 7 27 20 11 24 | 2° 4'56 3° 2'13 | 27°54 10 ° 0 | 8°16 10°23 | 5°49 7° 1 | 26°26 26°55 | 29°47 0 Ω 1 | 0°16 0°15 | 1°36 1°34 | 24°57 24°56 | 17°15 17°13 | 9° 3 9° 4 | 10°38 10°35 | 15° 0 15° 6 | 23°40 23°37 | T 23 F 24 |
| S 25 | 20 11 24 20 15 21 | 3°59'30 | 22°21 | 10°23 | 8°13 | 20°33 27°25 | 0°15 | 0°14 | 1°32 | 24°55 | 17°12 | 9° 6 | 10°33 | 15°13 | 23°35 | S 25 |
| S 26 | 20 19 17 | 4°56'47 | 5 8 1 | 14°30 | 9°26 | 27°54 | 0°28 | 0°12 | 1°30 | 24°54 | 17°10 | 9°R 6 | 10°29 | 15°20 | 23°32 | S 26 |
| M27 | 20 23 14 | 5°54'04 | 18° 4 | 16°32 | 10°38 | 28°24 | 0°42 | 0°11 | 1°28 | 24°53 | 17° 9 | 9° 6 | 10°26 | 15°26 | 23°30 | M27 |
| T 28 | 20 27 10 | 6°51'22 | 1 I I34 | 18°31 | 11°50 | 28°54 | 0°56 | 0° 9 | 1°26 | 24°52 | 17° 8 | 9° 4 | 10°23 | 15°33 | 23°27 | T 28 |
| W29 | 20 31 7 | 7°48'40 | 15°32 | 20°29 | 13° 3 | 29°25 | 1° 9 | 0° 7 | 1°24 | 24°51 | 17° 6 | 9° 0 | 10°19 | 15°40 | 23°25 | W29 |
| T 30 | 20 35 3 | 8°45'58 | 29°57 | 22°25 | 14°15 | 29°55 | 1°23 | 0° 5 | 1°22 | 24°50 | 17° 5 | 8°56 | 10°16 | 15°46 | 23°23 | T 30 |
| F 31 | 20 39 0 | 9 Ω 43'16 | 149945 | 24 Ω 19 | 159528 | 0 M 26 | 1 Ω 37 | 0 Υ 3 | 1ਰ21 | 24) (49 | 17 る 3 | 8) €52 | 10) 13 | 15≈53 | 23 × 20 | F 31 |

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| S 1 | 20 42 57 | 10\$\Omega40'34 | 29950 | 26 Ω 11 | 169540 | 0 M 57 | 1 Q 50 | 0°R 1 | 1°R19 | 24°R48 | 17°R 2 | 8°R49 | 10 ∺ 10 | 16≈ 0 | 23°R18 | S 1 |
| S 2 | 20 46 53 | 11°37'53 | 15 Ω 2 | 28° 1 | 17°53 | 1°28 | 2° 4 | 29 米 59 | 1 궁 17 | 24) (47 | 17る 0 | 8) (46 | 10° 7 | 16° 6 | 23 ∡ 16 | S 2 |
| M 3 | 20 50 50 | 12°35'11 | 0 Mp 12 | 29°49 | 19° 6 | 2° 0 | 2°17 | 29°57 | 1°16 | 24°46 | 16°59 | 8°45 | 10° 3 | 16°13 | 23°14 | M 3 |
| T 4 | 20 54 46 | 13°32'30 | 15°11 | 1 m 35 | 20°18 | 2°31 | 2°31 | 29°54 | 1°14 | 24°45 | 16°58 | 8°D45 | 10° 0 | 16°20 | 23°13 | T 4 |
| W 5 | 20 58 43 | 14°29'48 | 29°50 | 3°19 | 21°31 | 3° 3 | 2°44 | 29°52 | 1°12 | 24°44 | 16°56 | 8°45 | 9°57 | 16°26 | 23°11 | W 5 |
| T 6 | 21 2 39 | 15°27'06 | 14 ♀ 6 | 5° 1 | 22°44 | 3°35 | 2°58 | 29°49 | 1°11 | 24°43 | 16°55 | 8°47 | 9°54 | 16°33 | 23° 9 | T 6 |
| F 7 | 21 6 36 | 16°24'25 | 27°57 | 6°41 | 23°56 | 4° 7 | 3°11 | 29°47 | 1° 9 | 24°41 | 16°54 | 8°48 | 9°51 | 16°39 | 23° 8 | F 7 |
| S 8 | 21 10 32 | 17°21'43 | 11 M 22 | 8°19 | 25° 9 | 4°39 | 3°25 | 29°44 | 1° 8 | 24°40 | 16°52 | 8°R49 | 9°48 | 16°46 | 23° 6 | S 8 |
| S 9 | 21 14 29 | 18°19'01 | 24°25 | 9°56 | 26°22 | 5°12 | 3°38 | 29°41 | 1° 6 | 24°39 | 16°51 | 8°49 | 9°44 | 16°53 | 23° 5 | S 9 |
| M10 | 21 18 26 | 19°16'19 | 7 ,7 7 | 11°30 | 27°35 | 5°44 | 3°52 | 29°39 | 1° 5 | 24°38 | 16°50 | 8°48 | 9°41 | 16°59 | 23° 3 | M10 |
| T 11 | 21 22 22 | 20°13'38 | 19°33 | 13° 2 | 28°48 | 6°17 | 4° 5 | 29°36 | 1° 4 | 24°37 | 16°49 | 8°46 | 9°38 | 17° 6 | 23° 2 | T 11 |
| W12 | 21 26 19 | 21°10'57 | 1 る 45 | 14°33 | 0 Ω 1 | 6°50 | 4°19 | 29°33 | 1° 2 | 24°35 | 16°47 | 8°44 | 9°35 | 17°13 | 23° 1 | W12 |
| T 13 | 21 30 15 | 22° 8'15 | 13°47 | 16° 1 | 1°13 | 7°23 | 4°32 | 29°30 | 1° 1 | 24°34 | 16°46 | 8°41 | 9°32 | 17°19 | 23° 0 | T 13 |
| F 14 | 21 34 12 | 23° 5'34 | 25°42 | 17°27 | 2°26 | 7°56 | 4°45 | 29°26 | 1° 0 | 24°33 | 16°45 | 8°39 | 9°29 | 17°26 | 22°59 | F 14 |
| S 15 | 21 38 8 | 24° 2'54 | 7 ≈ 32 | 18°51 | 3°39 | 8°30 | 4°58 | 29°23 | 0°59 | 24°31 | 16°44 | 8°37 | 9°25 | 17°33 | 22°58 | S 15 |
| S 16 | 21 42 5 | 25° 0'13 | 19°21 | 20°14 | 4°52 | 9° 3 | 5°12 | 29°20 | 0°57 | 24°30 | 16°43 | 8°35 | 9°22 | 17°39 | 22°58 | S 16 |
| M17 | 21 46 1 | 25°57'34 | 1 米 10 | 21°34 | 6° 5 | 9°37 | 5°25 | 29°17 | 0°56 | 24°29 | 16°41 | 8°35 | 9°19 | 17°46 | 22°57 | M17 |
| T 18 | 21 49 58 | 26°54'54 | 13° 1 | 22°52 | 7°19 | 10°11 | 5°38 | 29°13 | 0°55 | 24°27 | 16°40 | 8°D35 | 9°16 | 17°53 | 22°57 | T 18 |
| W19 | 21 53 55 | 27°52'16 | 24°57 | 24° 7 | 8°32 | 10°45 | 5°51 | 29°10 | 0°54 | 24°26 | 16°39 | 8°35 | 9°13 | 17°59 | 22°56 | W19 |
| T 20 | 21 57 51 | 28°49'38 | 7 Υ 0 | 25°21 | 9°45 | 11°19 | 6° 4 | 29° 6 | 0°53 | 24°24 | 16°38 | 8°36 | 9° 9 | 18° 6 | 22°56 | T 20 |
| F 21 | 22 1 48 | 29°47'01 | 19°14 | 26°32 | 10°58 | 11°54 | 6°17 | 29° 3 | 0°52 | 24°23 | 16°37 | 8°37 | 9° 6 | 18°13 | 22°55 | F 21 |
| S 22 | 22 5 44 | 0 m 44'24 | 1841 | 27°41 | 12°11 | 12°28 | 6°30 | 28°59 | 0°52 | 24°21 | 16°36 | 8°38 | 9° 3 | 18°19 | 22°55 | S 22 |
| S 23 | 22 9 41 | 1°41'49 | 14°24 | 28°47 | 13°24 | 13° 3 | 6°43 | 28°55 | 0°51 | 24°20 | 16°35 | 8°38 | 9° 0 | 18°26 | 22°D55 | S 23 |
| M24 | 22 13 37 | 2°39'15 | 27°26 | 29°51 | 14°38 | 13°37 | 6°56 | 28°52 | 0°50 | 24°18 | 16°34 | 8°R38 | 8°57 | 18°33 | 22°55 | M24 |
| T 25 | 22 17 34 | 3°36'42 | 10 Ⅱ 51 | 0 ჲ 52 | 15°51 | 14°12 | 7° 9 | 28°48 | 0°49 | 24°17 | 16°33 | 8°38 | 8°54 | 18°39 | 22°55 | T 25 |
| W26 | 22 21 30 | 4°34'10 | 24°40 | 1°51 | 17° 4 | 14°47 | 7°22 | 28°44 | 0°49 | 24°15 | 16°32 | 8°38 | 8°50 | 18°46 | 22°56 | W26 |
| T 27 | 22 25 27 | 5°31'39 | 8 9 52 | 2°46 | 18°18 | 15°23 | 7°35 | 28°40 | 0°48 | 24°14 | 16°31 | 8°38 | 8°47 | 18°53 | 22°56 | T 27 |
| F 28 | 22 29 24 | 6°29'09 | 23°27 | 3°38 | 19°31 | 15°58 | 7°48 | 28°36 | 0°47 | 24°12 | 16°31 | 8°38 | 8°44 | 18°59 | 22°56 | F 28 |
| S 29 | 22 33 20 | 7°26'41 | 8 Ω 20 | 4°28 | 20°45 | 16°34 | 8° 0 | 28°32 | 0°47 | 24°11 | 16°30 | 8°37 | 8°41 | 19° 6 | 22°57 | S 29 |
| S 30 | 22 37 17 | 8°24'13 | 23°24 | 5°14 | 21°58 | 17° 9 | 8°13 | 28°28 | 0°46 | 24° 9 | 16°29 | 8°D37 | 8°38 | 19°13 | 22°58 | S 30 |
| M31 | 22 41 13 | 9 m _{21'46} | 8 m /31 | 5 ≙ 56 | 23 Ω 12 | 17 ML 45 | 8Ω 26 | 28 米 24 | 0 궁 46 | 24 米 8 | 16 ට 28 | 8°R37 | 8 ∺ 35 | 19 ≈ 19 | 22 × 758 | M31 |

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| Day | Sid.t | 0 | D | ğ | · | ð | 4 | ħ |)Å(| 卉 | В | n | ß | Ç | ę, | Day |
|------|----------|------------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-------|-----------------|------|
| T 1 | 22 45 10 | 10 mg 19'20 | 23 Mp 32 | 6 ₽ 35 | 24 Ω 25 | 18 M 21 | 8 Ω 38 | 28°R19 | 0°R46 | 24°R 6 | 16°R27 | 8°R37 | 8) (31 | 19≈26 | 22 × 759 | T 1 |
| W 2 | 22 49 6 | 11°16'55 | 8 ≏ 17 | 7°10 | 25°39 | 18°57 | 8°51 | 28 米 15 | 0 ප 45 | 24 米 5 | 16 궁 27 | 8 ∺ 37 | 8°28 | 19°32 | 23° 0 | W 2 |
| T 3 | 22 53 3 | 12°14'31 | 22°42 | 7°41 | 26°52 | 19°33 | 9° 3 | 28°11 | 0°45 | 24° 3 | 16°26 | 8°37 | 8°25 | 19°39 | 23° 1 | T 3 |
| F 4 | 22 56 59 | 13°12'08 | 6 M .41 | 8° 7 | 28° 6 | 20° 9 | 9°16 | 28° 7 | 0°45 | 24° 1 | 16°25 | 8°36 | 8°22 | 19°46 | 23° 2 | F 4 |
| S 5 | 23 0 56 | 14° 9'45 | 20°14 | 8°29 | 29°20 | 20°46 | 9°28 | 28° 2 | 0°45 | 24° 0 | 16°25 | 8°36 | 8°19 | 19°52 | 23° 3 | S 5 |
| S 6 | 23 4 52 | 15° 7'24 | 3 ₹ 21 | 8°47 | 0 m 33 | 21°22 | 9°40 | 27°58 | 0°45 | 23°58 | 16°24 | 8°36 | 8°15 | 19°59 | 23° 5 | S 6 |
| M 7 | 23 8 49 | 16° 5'03 | 16° 5 | 8°59 | 1°47 | 21°59 | 9°52 | 27°54 | 0°45 | 23°57 | 16°23 | 8°D35 | 8°12 | 20° 6 | 23° 6 | M 7 |
| T 8 | 23 12 46 | 17° 2'44 | 28°30 | 9° 7 | 3° 1 | 22°36 | 10° 5 | 27°49 | 0°D45 | 23°55 | 16°23 | 8°36 | 8° 9 | 20°12 | 23° 8 | T 8 |
| W 9 | 23 16 42 | 18° 0'25 | 10 る 39 | 9°R 9 | 4°15 | 23°13 | 10°17 | 27°45 | 0°45 | 23°53 | 16°22 | 8°36 | 8° 6 | 20°19 | 23° 9 | W 9 |
| T 10 | 23 20 39 | 18°58'07 | 22°36 | 9° 5 | 5°28 | 23°50 | 10°29 | 27°40 | 0°45 | 23°52 | 16°22 | 8°37 | 8° 3 | 20°26 | 23°11 | T 10 |
| F 11 | 23 24 35 | 19°55'50 | 4≈27 | 8°56 | 6°42 | 24°27 | 10°41 | 27°36 | 0°45 | 23°50 | 16°21 | 8°38 | 8° 0 | 20°32 | 23°13 | F 11 |
| S 12 | 23 28 32 | 20°53'34 | 16°16 | 8°41 | 7°56 | 25° 4 | 10°53 | 27°32 | 0°45 | 23°48 | 16°21 | 8°39 | 7°56 | 20°39 | 23°15 | S 12 |
| S 13 | 23 32 28 | 21°51'19 | 28° 4 | 8°20 | 9°10 | 25°42 | 11° 4 | 27°27 | 0°45 | 23°47 | 16°20 | 8°40 | 7°53 | 20°46 | 23°17 | S 13 |
| M14 | 23 36 25 | 22°49'05 | 9) 57 | 7°54 | 10°24 | 26°19 | 11°16 | 27°23 | 0°46 | 23°45 | 16°20 | 8°R40 | 7°50 | 20°52 | 23°19 | M14 |
| T 15 | 23 40 21 | 23°46'53 | 21°55 | 7°22 | 11°38 | 26°57 | 11°28 | 27°18 | 0°46 | 23°43 | 16°20 | 8°40 | 7°47 | 20°59 | 23°21 | T 15 |
| W16 | 23 44 18 | 24°44'41 | 4 Υ 1 | 6°45 | 12°52 | 27°34 | 11°39 | 27°13 | 0°46 | 23°42 | 16°19 | 8°38 | 7°44 | 21° 6 | 23°23 | W16 |
| T 17 | 23 48 15 | 25°42'32 | 16°17 | 6° 3 | 14° 6 | 28°12 | 11°51 | 27° 9 | 0°47 | 23°40 | 16°19 | 8°37 | 7°40 | 21°12 | 23°25 | T 17 |
| F 18 | 23 52 11 | 26°40'23 | 28°45 | 5°16 | 15°20 | 28°50 | 12° 2 | 27° 4 | 0°47 | 23°39 | 16°19 | 8°34 | 7°37 | 21°19 | 23°28 | F 18 |
| S 19 | 23 56 8 | 27°38'17 | 11825 | 4°26 | 16°34 | 29°28 | 12°14 | 27° 0 | 0°48 | 23°37 | 16°18 | 8°31 | 7°34 | 21°26 | 23°30 | S 19 |
| S 20 | 0 0 4 | 28°36'12 | 24°19 | 3°33 | 17°48 | 0 才 7 | 12°25 | 26°55 | 0°49 | 23°35 | 16°18 | 8°29 | 7°31 | 21°32 | 23°33 | S 20 |
| M21 | 0 4 1 | 29°34'08 | 7 Ⅱ 28 | 2°37 | 19° 2 | 0°45 | 12°36 | 26°51 | 0°49 | 23°34 | 16°18 | 8°26 | 7°28 | 21°39 | 23°36 | M21 |
| T 22 | 0 7 57 | 0 ჲ 32'07 | 20°54 | 1°41 | 20°16 | 1°23 | 12°48 | 26°46 | 0°50 | 23°32 | 16°18 | 8°25 | 7°25 | 21°46 | 23°39 | T 22 |
| W23 | 0 11 54 | 1°30'07 | 4938 | 0°46 | 21°30 | 2° 2 | 12°59 | 26°42 | 0°51 | 23°30 | 16°18 | 8°D25 | 7°21 | 21°52 | 23°41 | W23 |
| T 24 | 0 15 50 | 2°28'09 | 18°39 | 29 m 51 | 22°44 | 2°41 | 13°10 | 26°37 | 0°52 | 23°29 | 16°18 | 8°26 | 7°18 | 21°59 | 23°44 | T 24 |
| F 25 | 0 19 47 | 3°26'13 | 2 Ω 57 | 28°59 | 23°59 | 3°19 | 13°21 | 26°33 | 0°52 | 23°27 | 16°18 | 8°27 | 7°15 | 22° 5 | 23°48 | F 25 |
| S 26 | 0 23 44 | 4°24'19 | 17°30 | 28°12 | 25°13 | 3°58 | 13°31 | 26°28 | 0°53 | 23°26 | 16°D18 | 8°28 | 7°12 | 22°12 | 23°51 | S 26 |
| S 27 | 0 27 40 | 5°22'26 | 2 Mp 14 | 27°29 | 26°27 | 4°37 | 13°42 | 26°24 | 0°54 | 23°24 | 16°18 | 8°R29 | 7° 9 | 22°19 | 23°54 | S 27 |
| M28 | 0 31 37 | 6°20'35 | 17° 3 | 26°52 | 27°41 | 5°16 | 13°53 | 26°19 | 0°55 | 23°22 | 16°18 | 8°29 | 7° 6 | 22°25 | 23°57 | M28 |
| T 29 | 0 35 33 | 7°18'46 | 1 ≏ 51 | 26°22 | 28°56 | 5°55 | 14° 3 | 26°15 | 0°56 | 23°21 | 16°18 | 8°28 | 7° 2 | 22°32 | 24° 1 | T 29 |
| W30 | 0 39 30 | 8 ≏ 16'58 | 16 ≏ 29 | 25 m 59 | 0 ჲ 10 | 6 ₹ 35 | $14\Omega14$ | 26 米 11 | 0 궁 57 | 23 米 19 | 16 궁 18 | 8 ∺ 25 | 6 ∺ 59 | 22≈39 | 24 才 4 | W30 |

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|------|---------|-------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|---------------|----------------|----------------|----------------|---------------|-------|----------------|------|
| T 1 | 0 43 26 | 9 ≏ 15'13 | 0 M 51 | 25°R45 | 1 ≏ 24 | 7 ₹ 14 | 14 Ω 24 | 26°R 6 | 0 궁 59 | 23°R18 | 16 궁 18 | 8°R20 | 6 ¥ 56 | 22≈45 | 24 ×7 8 | T 1 |
| F 2 | 0 47 23 | 10°13'28 | 14°53 | 25°D40 | 2°39 | 7°54 | 14°34 | 26 米 2 | 1° 0 | 23 米 16 | 16°18 | 8) 16 | 6°53 | 22°52 | 24°11 | F 2 |
| S 3 | 0 51 19 | 11°11'46 | 28°29 | 25 m 43 | 3°53 | 8°33 | 14°45 | 25°58 | 1° 1 | 23°14 | 16°18 | 8°11 | 6°50 | 22°59 | 24°15 | S 3 |
| S 4 | 0 55 16 | 12°10'04 | 11 ~ 140 | 25°56 | 5° 8 | 9°13 | 14°55 | 25°53 | 1° 2 | 23°13 | 16°18 | 8° 7 | 6°46 | 23° 5 | 24°19 | S 4 |
| M 5 | 0 59 13 | 13° 8'25 | 24°27 | 26°18 | 6°22 | 9°53 | 15° 5 | 25°49 | 1° 4 | 23°11 | 16°19 | 8° 3 | 6°43 | 23°12 | 24°23 | M 5 |
| T 6 | 1 3 9 | 14° 6'46 | 6 궁 53 | 26°48 | 7°37 | 10°33 | 15°14 | 25°45 | 1° 5 | 23°10 | 16°19 | 8° 2 | 6°40 | 23°19 | 24°27 | T 6 |
| W 7 | 1 7 6 | 15° 5'10 | 19° 2 | 27°28 | 8°51 | 11°13 | 15°24 | 25°41 | 1° 7 | 23° 8 | 16°19 | 8°D 2 | 6°37 | 23°25 | 24°31 | W 7 |
| T 8 | 1 11 2 | 16° 3'34 | 0≈59 | 28°15 | 10° 6 | 11°53 | 15°34 | 25°37 | 1° 8 | 23° 7 | 16°20 | 8° 3 | 6°34 | 23°32 | 24°35 | T 8 |
| F 9 | 1 14 59 | 17° 2'00 | 12°49 | 29°11 | 11°20 | 12°33 | 15°43 | 25°33 | 1°10 | 23° 5 | 16°20 | 8° 4 | 6°31 | 23°39 | 24°39 | F 9 |
| S 10 | 1 18 55 | 18° 0'28 | 24°37 | 0 ჲ 14 | 12°35 | 13°13 | 15°53 | 25°29 | 1°11 | 23° 4 | 16°21 | 8° 6 | 6°27 | 23°45 | 24°44 | S 10 |
| S 11 | 1 22 52 | 18°58'57 | 6 ∺ 28 | 1°23 | 13°49 | 13°54 | 16° 2 | 25°25 | 1°13 | 23° 3 | 16°21 | 8°R 7 | 6°24 | 23°52 | 24°48 | S 11 |
| M12 | 1 26 48 | 19°57'28 | 18°25 | 2°39 | 15° 4 | 14°34 | 16°11 | 25°21 | 1°15 | 23° 1 | 16°21 | 8° 6 | 6°21 | 23°58 | 24°52 | M12 |
| T 13 | 1 30 45 | 20°56'00 | 0 Υ 32 | 4° 1 | 16°18 | 15°15 | 16°20 | 25°17 | 1°17 | 23° 0 | 16°22 | 8° 4 | 6°18 | 24° 5 | 24°57 | T 13 |
| W14 | 1 34 41 | 21°54'35 | 12°51 | 5°27 | 17°33 | 15°56 | 16°29 | 25°13 | 1°18 | 22°58 | 16°23 | 7°59 | 6°15 | 24°12 | 25° 2 | W14 |
| T 15 | 1 38 38 | 22°53'11 | 25°24 | 6°58 | 18°47 | 16°36 | 16°38 | 25° 9 | 1°20 | 22°57 | 16°23 | 7°53 | 6°12 | 24°18 | 25° 6 | T 15 |
| F 16 | 1 42 35 | 23°51'49 | 8811 | 8°33 | 20° 2 | 17°17 | 16°47 | 25° 6 | 1°22 | 22°56 | 16°24 | 7°45 | 6° 8 | 24°25 | 25°11 | F 16 |
| S 17 | 1 46 31 | 24°50'29 | 21°11 | 10°11 | 21°17 | 17°58 | 16°55 | 25° 2 | 1°24 | 22°54 | 16°24 | 7°37 | 6° 5 | 24°32 | 25°16 | S 17 |
| S 18 | 1 50 28 | 25°49'11 | 4 Ⅱ 25 | 11°51 | 22°31 | 18°39 | 17° 4 | 24°58 | 1°26 | 22°53 | 16°25 | 7°29 | 6° 2 | 24°38 | 25°21 | S 18 |
| M19 | 1 54 24 | 26°47'55 | 17°51 | 13°34 | 23°46 | 19°21 | 17°12 | 24°55 | 1°28 | 22°52 | 16°26 | 7°22 | 5°59 | 24°45 | 25°26 | M19 |
| T 20 | 1 58 21 | 27°46'41 | 19528 | 15°19 | 25° 1 | 20° 2 | 17°20 | 24°51 | 1°30 | 22°50 | 16°26 | 7°17 | 5°56 | 24°52 | 25°31 | T 20 |
| W21 | 2 2 17 | 28°45'29 | 15°16 | 17° 4 | 26°16 | 20°43 | 17°28 | 24°48 | 1°32 | 22°49 | 16°27 | 7°14 | 5°52 | 24°58 | 25°36 | W21 |
| T 22 | 2 6 14 | 29°44'20 | 29°13 | 18°51 | 27°30 | 21°25 | 17°36 | 24°45 | 1°34 | 22°48 | 16°28 | 7°D13 | 5°49 | 25° 5 | 25°41 | T 22 |
| F 23 | 2 10 10 | 0ML43'13 | 13 Ω 19 | 20°38 | 28°45 | 22° 6 | 17°44 | 24°41 | 1°37 | 22°47 | 16°29 | 7°14 | 5°46 | 25°12 | 25°46 | F 23 |
| S 24 | 2 14 7 | 1°42'08 | 27°34 | 22°26 | 29°59 | 22°48 | 17°52 | 24°38 | 1°39 | 22°45 | 16°30 | 7°15 | 5°43 | 25°18 | 25°51 | S 24 |
| S 25 | 2 18 4 | 2°41'05 | 11 M 54 | 24°14 | 1 M .15 | 23°30 | 17°59 | 24°35 | 1°41 | 22°44 | 16°31 | 7°R15 | 5°40 | 25°25 | 25°57 | S 25 |
| M26 | 2 22 0 | 3°40'04 | 26°19 | 26° 2 | 2°29 | 24°11 | 18° 7 | 24°32 | 1°43 | 22°43 | 16°32 | 7°13 | 5°37 | 25°32 | 26° 2 | M26 |
| T 27 | 2 25 57 | 4°39'06 | 10 ≏ 42 | 27°50 | 3°44 | 24°53 | 18°14 | 24°29 | 1°46 | 22°42 | 16°32 | 7° 9 | 5°33 | 25°38 | 26° 7 | T 27 |
| W28 | 2 29 53 | 5°38'09 | 25° 1 | 29°37 | 4°59 | 25°35 | 18°21 | 24°26 | 1°48 | 22°41 | 16°33 | 7° 3 | 5°30 | 25°45 | 26°13 | W28 |
| T 29 | 2 33 50 | 6°37'15 | 9 ™ 8 | 1 M 24 | 6°14 | 26°17 | 18°28 | 24°24 | 1°51 | 22°40 | 16°34 | 6°54 | 5°27 | 25°51 | 26°19 | T 29 |
| F 30 | 2 37 46 | 7°36'22 | 22°59 | 3°11 | 7°29 | 26°59 | 18°35 | 24°21 | 1°53 | 22°39 | 1 <u>6</u> °36 | 6°44 | 5°24 | 25°58 | 26°24 | F 30 |
| S 31 | 2 41 43 | 8 M .35'32 | 6 ₮ 30 | 4 M 57 | 8 M .44 | 27 × 742 | 18 Ω 42 | 24) 18 | 1 궁 56 | 22) 38 | 16 ට 37 | 6) €34 | 5 ∺ 21 | 26≈ 5 | 26 ₮ 30 | S 31 |

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| S 1 | 2 45 39 | 9 M .34'43 | 19 ∡ ³38 | 6 M .43 | 9 M 58 | 28 × 24 | 18 Ω 48 | 24°R16 | 1 궁 58 | 22°R37 | 16 궁 38 | 6°R24 | 5) 17 | 26≈11 | 26 ₮ 36 | S 1 |
| M 2 | 2 49 36 | 10°33'56 | 2 る 25 | 8°27 | 11°13 | 29° 7 | 18°54 | 24) 13 | 2° 1 | 22) 36 | 16°39 | 6 ∺ 16 | 5°14 | 26°18 | 26°41 | M 2 |
| T 3 | 2 53 33 | 11°33'11 | 14°51 | 10°12 | 12°28 | 29°49 | 19° 1 | 24°11 | 2° 4 | 22°35 | 16°40 | 6°10 | 5°11 | 26°25 | 26°47 | T 3 |
| W 4 | 2 57 29 | 12°32'28 | 27° 1 | 11°55 | 13°43 | 0 る 32 | 19° 7 | 24° 9 | 2° 6 | 22°34 | 16°41 | 6° 7 | 5° 8 | 26°31 | 26°53 | W 4 |
| T 5 | 3 1 26 | 13°31'46 | 8≈58 | 13°38 | 14°58 | 1°14 | 19°13 | 24° 7 | 2° 9 | 22°33 | 16°42 | 6°D 6 | 5° 5 | 26°38 | 26°59 | T 5 |
| F 6 | 3 5 22 | 14°31'06 | 20°48 | 15°20 | 16°13 | 1°57 | 19°18 | 24° 5 | 2°12 | 22°32 | 16°44 | 6° 6 | 5° 2 | 26°45 | 27° 5 | F 6 |
| S 7 | 3 9 19 | 15°30'27 | 2 ∺ 36 | 17° 1 | 17°28 | 2°40 | 19°24 | 24° 3 | 2°14 | 22°31 | 16°45 | 6°R 6 | 4°58 | 26°51 | 27°11 | S 7 |
| S 8 | 3 13 15 | 16°29'51 | 14°28 | 18°42 | 18°43 | 3°23 | 19°29 | 24° 1 | 2°17 | 22°31 | 16°46 | 6° 6 | 4°55 | 26°58 | 27°17 | S 8 |
| M 9 | 3 17 12 | 17°29'16 | 26°28 | 20°22 | 19°58 | 4° 6 | 19°35 | 23°59 | 2°20 | 22°30 | 16°47 | 6° 4 | 4°52 | 27° 5 | 27°24 | M 9 |
| T 10 | 3 21 8 | 18°28'42 | 8 Ƴ 42 | 22° 2 | 21°13 | 4°49 | 19°40 | 23°57 | 2°23 | 22°29 | 16°49 | 5°59 | 4°49 | 27°11 | 27°30 | T 10 |
| W11 | 3 25 5 | 19°28'11 | 21°12 | 23°40 | 22°28 | 5°32 | 19°45 | 23°56 | 2°26 | 22°28 | 16°50 | 5°52 | 4°46 | 27°18 | 27°36 | W11 |
| T 12 | 3 29 2 | 20°27'41 | 4 8 0 | 25°18 | 23°43 | 6°15 | 19°49 | 23°54 | 2°29 | 22°28 | 16°52 | 5°43 | 4°43 | 27°25 | 27°42 | T 12 |
| F 13 | 3 32 58 | 21°27'13 | 17° 7 | 26°56 | 24°57 | 6°59 | 19°54 | 23°53 | 2°32 | 22°27 | 16°53 | 5°31 | 4°39 | 27°31 | 27°49 | F 13 |
| S 14 | 3 36 55 | 22°26'47 | 0 ∏ 31 | 28°33 | 26°12 | 7°42 | 19°58 | 23°51 | 2°35 | 22°26 | 16°54 | 5°19 | 4°36 | 27°38 | 27°55 | S 14 |
| S 15 | 3 40 51 | 23°26'24 | 14°11 | 0 才 9 | 27°27 | 8°25 | 20° 2 | 23°50 | 2°38 | 22°26 | 16°56 | 5° 7 | 4°33 | 27°44 | 28° 2 | S 15 |
| M16 | 3 44 48 | 24°26'02 | 28° 2 | 1°45 | 28°42 | 9° 9 | 20° 6 | 23°49 | 2°41 | 22°25 | 16°57 | 4°56 | 4°30 | 27°51 | 28° 8 | M16 |
| T 17 | 3 48 44 | 25°25'42 | 1295 1 | 3°20 | 29°57 | 9°53 | 20°10 | 23°48 | 2°44 | 22°25 | 16°59 | 4°48 | 4°27 | 27°58 | 28°15 | T 17 |
| W18 | 3 52 41 | 26°25'25 | 26° 4 | 4°55 | 1 才 12 | 10°36 | 20°14 | 23°47 | 2°47 | 22°24 | 17° 1 | 4°43 | 4°23 | 28° 4 | 28°21 | W18 |
| T 19 | 3 56 37 | 27°25'09 | 10 Ω 10 | 6°29 | 2°27 | 11°20 | 20°18 | 23°46 | 2°50 | 22°24 | 17° 2 | 4°40 | 4°20 | 28°11 | 28°28 | T 19 |
| F 20 | 4 0 34 | 28°24'56 | 24°16 | 8° 2 | 3°42 | 12° 4 | 20°21 | 23°46 | 2°54 | 22°23 | 17° 4 | 4°39 | 4°17 | 28°18 | 28°34 | F 20 |
| S 21 | 4 4 31 | 29°24'45 | 8 m)21 | 9°36 | 4°57 | 12°48 | 20°24 | 23°45 | 2°57 | 22°23 | 17° 5 | 4°39 | 4°14 | 28°24 | 28°41 | S 21 |
| S 22 | 4 8 27 | 0 ₮ 24'36 | 22°25 | 11°8 | 6°12 | 13°32 | 20°27 | 23°44 | 3° 0 | 22°22 | 17° 7 | 4°38 | 4°11 | 28°31 | 28°48 | S 22 |
| M23 | 4 12 24 | 1°24'29 | 6 ₽ 27 | 12°40 | 7°28 | 14°16 | 20°30 | 23°44 | 3° 3 | 22°22 | 17° 9 | 4°36 | 4° 8 | 28°38 | 28°54 | M23 |
| T 24 | 4 16 20 | 2°24'24 | 20°25 | 14°12 | 8°43 | 15° 0 | 20°32 | 23°44 | 3° 7 | 22°22 | 17°10 | 4°31 | 4° 4 | 28°44 | 29° 1 | T 24 |
| W25 | 4 20 17 | 3°24'21 | 4 M .16 | 15°43 | 9°58 | 15°44 | 20°35 | 23°43 | 3°10 | 22°21 | 17°12 | 4°22 | 4° 1 | 28°51 | 29° 8 | W25 |
| T 26 | 4 24 13 | 4°24'21 | 17°59 | 17°14 | 11°13 | 16°29 | 20°37 | 23°D43 | 3°13 | 22°21 | 17°14 | 4°11 | 3°58 | 28°58 | 29°15 | T 26 |
| F 27 | 4 28 10 | 5°24'22 | 1 ₹ 29 | 18°45 | 12°28 | 17°13 | 20°39 | 23°43 | 3°17 | 22°21 | 17°15 | 3°58 | 3°55 | 29° 4 | 29°22 | F 27 |
| S 28 | 4 32 6 | 6°24'25 | 14°44 | 20°15 | 13°43 | 17°57 | 20°41 | 23°43 | 3°20 | 22°21 | 17°17 | 3°45 | 3°52 | 29°11 | 29°29 | S 28 |
| S 29 | 4 36 3 | 7°24'30 | 27°42 | 21°44 | 14°58 | 18°42 | 20°42 | 23°44 | 3°23 | 22°21 | 17°19 | 3°32 | 3°49 | 29°17 | 29°35 | S 29 |
| M30 | 4 40 0 | 8 ∡ 124'36 | 10 ට 21 | 23 × 13 | 16 ∡ 13 | 19 る 26 | 20 Ω 44 | 23) 44 | 3 る 27 | 22) 21 | 17 る 21 | 3 ∺ 21 | 3) €45 | 29 ≈ 24 | 29 × 142 | M30 |

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|-------------|--------------------|----------------------|-------------------------|------------------------|----------------|----------------|-----------------|----------------------------------|---------------|-----------------|----------------|-------------------|----------------|----------------------|----------------------|-------------|
| T 1 | 4 43 56 | 9 х 24'45 | 22 궁 44 | 24 × 742 | 17 ₹ 28 | 20 ට 11 | 20 Ω 45 | 23) 44 | 3 る 30 | 22°R20 | 17 る 23 | 3°R13 | 3) €42 | 29≈31 | 29 х 49 | T 1 |
| W 2 | 4 47 53 | 10°24'54 | 4≈51 | 26°10 | 18°43 | 20°56 | 20°46 | 23°45 | 3°34 | 22) 20 | 17°25 | 3 ∺ 7 | 3°39 | 29°37 | 29°56 | W 2 |
| T 3 | 4 51 49 | 11°25'05 | 16°47 | 27°38 29° 5 | 19°58 21°13 | 21°40 22°25 | 20°47 | 23°46 | 3°37 3°41 | 22°D20 22°20 | 17°26 17°28 | 3° 5 | 3°36 3°33 | 29°44 29°51 | 0 る 3 0°10 | T 3 F 4 |
| F 4 S 5 | 4 55 46 4 59 42 | 12°25'18 13°25'32 | 28°36 10 ¥ 23 | 29° 3 0 궁 31 | 21°13 22°29 | 22°23 23°10 | 20°48 20°48 | 23°46 23°47 | 3°41 | 22°20 | 17°28 17°30 | 3°D 4 3°R 4 | 3°29 | 29°57 | 0°10 0°17 | F 4 S 5 |
| | | | | _ | - | | | | | - | | | | | | |
| S 6 M 7 | 5 3 39 5 7 36 | 14°25'47 15°26'04 | 22°15 4 Y 15 | 1°57 3°23 | 23°44 24°59 | 23°55 24°40 | 20°48 20°R48 | 23°48 23°49 | 3°48 3°51 | 22°21 22°21 | 17°32 17°34 | 3° 3 3° 2 | 3°26 3°23 | 0 米 4 0°11 | 0°24 0°32 | S 6 M 7 |
| T 8 | 5 11 32 | 16°26'22 | 16°31 | 3°23 4°47 | 26°14 | 25°25 | 20°48 | 23°50 | 3°55 | 22°21 | 17°36 | 2°58 | 3°20 | 0°17 | 0°39 | T 8 |
| W 9 | 5 15 29 | 17°26'41 | 29° 5 | 6°11 | 27°29 | 26°10 | 20°48 | 23°51 | 3°58 | 22°21 | 17°38 | 2°52 | 3°17 | 0°24 | 0°46 | W 9 |
| T 10 | 5 19 25 | 18°27'02 | 128 2 | 7°34 | 28°44 | 26°56 | 20°47 | 23°53 | 4° 2 | 22°21 | 17°40 | 2°43 | 3°14 | 0°31 | 0°53 | T 10 |
| F 11 | 5 23 22 | 19°27'24 | 25°22 | 8°56 | 2 <u>9</u> °59 | 27°41 | 20°46 | 23°54 | 4° 6 | 22°22 | 17°42 | 2°33 | 3°10 | 0°37 | 1° 0 | F 11 |
| S 12 | 5 27 18 | 20°27'48 | 9 Ⅱ 5 | 10°17 | 1ਰ14 | 28°26 | 20°45 | 23°56 | 4° 9 | 22°22 | 17°44 | 2°21 | 3° 7 | 0°44 | 1° 7 | S 12 |
| S 13 | 5 31 15 | 21°28'13 | 23° 8 | 11°37 | 2°29 | 29°12 | 20°44 | 23°58 | 4°13 | 22°22 | 17°46 | 2° 9 | 3° 4 | 0°51 | 1°14 | S 13 |
| M14 | 5 35 11 | 22°28'40 | 79526 | 12°55 | 3°45 | 29°57 | 20°43 | 23°59 | 4°16 | 22°23 | 17°48 | 1°59 | 3° 1 | 0°57 | 1°22 | M14 |
| T 15 | 5 39 8 | 23°29'08 | 21°52 | 14°12 | 5° 0 | 0≈42 | 20°41 | 24° 1 | 4°20 | 22°23 | 17°50 | 1°51 | 2°58 | 1° 4 | 1°29 | T 15 |
| W16 T 17 | 5 43 5 5 47 1 | 24°29'38 25°30'09 | 6 Ω 21 20°47 | 15°27 16°40 | 6°15 7°30 | 1°28 2°14 | 20°40 20°38 | 24° 3 24° 5 | 4°24 4°27 | 22°23 22°24 | 17°52 17°54 | 1°46 1°43 | 2°55 2°51 | 1°10 1°17 | 1°36 1°43 | W16 T 17 |
| F 18 | 5 50 58 | 25°30'42 | 5 mp 7 | 17°51 | 8°45 | 2°59 | 20°36 | 24° 7 | 4°31 | 22°24 | 17°56 | 1°D43 | 2°48 | 1°24 | 1°50 | F 18 |
| S 19 | 5 54 54 | 27°31'17 | 19°17 | 18°59 | 10° 0 | 3°45 | 20°33 | 24°10 | 4°35 | 22°25 | 17°58 | 1°43 | 2°45 | 1°30 | 1°58 | S 19 |
| S 20 | 5 58 51 | 28°31'53 | 3 <u>₽</u> 18 | 20° 4 | 11°15 | 4°31 | 20°31 | 24°12 | 4°38 | 22°25 | 18° 0 | 1°R44 | 2°42 | 1°37 | 2° 5 | S 20 |
| M21 | 6 2 47 | 29°32'31 | 17° 7 | 21° 6 | 12°30 | 5°17 | 20°28 | 24°14 | 4°42 | 22°26 | 18° 3 | 1°42 | 2°39 | 1°44 | 2°12 | M21 |
| T 22 | 6 6 44 | 0 පි 33'10 | 0 M 47 | 22° 4 | 13°46 | 6° 2 | 20°25 | 24°17 | 4°46 | 22°27 | 18° 5 | 1°38 | 2°35 | 1°50 | 2°19 | T 22 |
| W23 | 6 10 40 | 1°33'51 | 14°15 | 22°57 | 15° 1 | 6°48 | 20°22 | 24°20 | 4°49 | 22°27 | 18° 7 | 1°32 | 2°32 | 1°57 | 2°26 | W23 |
| T 24 | 6 14 37 | 2°34'34 | 27°33 | 23°46 | 16°16 | 7°34 | 20°19 | 24°22 | 4°53 | 22°28 | 18° 9 | 1°23 | 2°29 | 2° 4 | 2°34 | T 24 |
| F 25 | 6 18 34 | 3°35'18 | 10 🗷 39 | 24°28 | 17°31 | 8°20 | 20°15 | 24°25 | 4°57 | 22°29 | 18°11 | 1°13 | 2°26 | 2°10 | 2°41 | F 25 |
| S 26 | 6 22 30 | 4°36'03 | 23°32 | 25° 5 | 18°46 | 9° 6 | 20°12 | 24°28 | 5° 0 | 22°30 | 18°13 | 1° 2 | 2°23 | 2°17 | 2°48 | S 26 |
| S 27 | 6 26 27 | 5°36'50 | 6 궁 12 | 25°34 | 20° 1 | 9°53 | 20° 8 | 24°31 | 5° 4 | 22°30 | 18°15 | 0°52 | 2°20 | 2°24 | 2°55 | S 27 |
| M28 | 6 30 23 | 6°37'38 | 18°38 | 25°55 | 21°17 | 10°39 | 20° 4 | 24°34 | 5° 8 | 22°31 | 18°18 | 0°43 | 2°16 | 2°30 | 3° 3 | M28 |
| T 29 W30 | 6 34 20 6 38 16 | 7°38'26 8°39'16 | 0≈51 12°53 | 26° 7 26°R 9 | 22°32 23°47 | 11°25 12°11 | 19°59 19°55 | 24°37 24°41 | 5°12 5°15 | 22°32 22°33 | 18°20 18°22 | 0°36 0°32 | 2°13 2°10 | 2°37 2°43 | 3°10 3°17 | T 29 W30 |
| T 31 | 6 42 13 | 9 ろ 40'06 | 24 ≈ 46 | 26 당 1 | 25 궁 2 | 12×58 | 19050 | 24 4 1 24) (44 | 5 る 19 | 22) 34 | 18 공 24 | 0 ¥ 30 | 2) 7 | 2 + 50 | 3 ට 7 | T 31 |

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| F 1 | 6 46 10 | 10 궁 40'57 | 6) €34 | 25°R42 | 26 궁 17 | 13≈44 | 19°R46 | 24) (48 | 5 云 23 | 22) 35 | 18 궁 26 | 0°D30 | 2 ∺ 4 | 2 ∺ 57 | 3 ට 31 | F 1 |
| S 2 | 6 50 6 | 11°41'49 | 18°20 | 25 ට 11 | 27°32 | 14°30 | 19 Ω 41 | 24°51 | 5°26 | 22°36 | 18°29 | 0 ∺ 31 | 2° 1 | 3° 3 | 3°39 | S 2 |
| S 3 | 6 54 3 | 12°42'42 | 0 Υ 10 | 24°29 | 28°47 | 15°17 | 19°36 | 24°55 | 5°30 | 22°37 | 18°31 | 0°32 | 1°57 | 3°10 | 3°46 | S 3 |
| M 4 | 6 57 59 | 13°43'35 | 12° 9 | 23°36 | 0≈ 3 | 16° 3 | 19°30 | 24°59 | 5°34 | 22°38 | 18°33 | 0°R33 | 1°54 | 3°17 | 3°53 | M 4 |
| T 5 | 7 1 56 | 14°44'29 | 24°21 | 22°33 | 1°18 | 16°50 | 19°25 | 25° 2 | 5°37 | 22°39 | 18°35 | 0°33 | 1°51 | 3°23 | 4° 0 | T 5 |
| W 6 | 7 5 52 | 15°45'23 | 6 8 54 | 21°21 | 2°33 | 17°36 | 19°19 | 25° 6 | 5°41 | 22°40 | 18°37 | 0°30 | 1°48 | 3°30 | 4° 7 | W 6 |
| T 7 | 7 9 49 | 16°46'18 | 19°49 | 20° 3 | 3°48 | 18°23 | 19°14 | 25°10 | 5°45 | 22°41 | 18°40 | 0°26 | 1°45 | 3°37 | 4°14 | T 7 |
| F 8 | 7 13 45 | 17°47'14 | 3 I I11 | 18°42 | 5° 3 | 19°10 | 19° 8 | 25°14 | 5°48 | 22°43 | 18°42 | 0°20 | 1°42 | 3°43 | 4°21 | F 8 |
| S 9 | 7 17 42 | 18°48'10 | 17° 0 | 17°18 | 6°18 | 19°56 | 19° 2 | 25°19 | 5°52 | 22°44 | 18°44 | 0°13 | 1°38 | 3°50 | 4°28 | S 9 |
| S 10 | 7 21 39 | 19°49'07 | 19915 | 15°57 | 7°33 | 20°43 | 18°56 | 25°23 | 5°55 | 22°45 | 18°46 | 0° 6 | 1°35 | 3°57 | 4°35 | S 10 |
| M11 | 7 25 35 | 20°50'04 | 15°50 | 14°40 | 8°48 | 21°30 | 18°49 | 25°27 | 5°59 | 22°46 | 18°49 | 0° 0 | 1°32 | 4° 3 | 4°42 | M11 |
| T 12 | 7 29 32 | 21°51'02 | 0€39 | 13°29 | 10° 4 | 22°16 | 18°43 | 25°32 | 6° 3 | 22°48 | 18°51 | 29≈56 | 1°29 | 4°10 | 4°49 | T 12 |
| W13 | 7 33 28 | 22°52'00 | 15°34 | 12°27 | 11°19 | 23° 3 | 18°36 | 25°36 | 6° 6 | 22°49 | 18°53 | 29°53 | 1°26 | 4°17 | 4°56 | W13 |
| T 14 | 7 37 25 | 23°52'59 | 0 Mp 26 | 11°34 | 12°34 | 23°50 | 18°30 | 25°41 | 6°10 | 22°50 | 18°55 | 29°D52 | 1°22 | 4°23 | 5° 3 | T 14 |
| F 15 S 16 | 7 41 21 7 45 18 | 24°53'59 25°55'00 | 15° 9 29°38 | 10°52 10°21 | 13°49 15° 4 | 24°37 25°24 | 18°23 18°16 | 25°45 25°50 | 6°13 6°17 | 22°52 22°53 | 18°57 19° 0 | 29°53 29°55 | 1°19 1°16 | 4°30 4°36 | 5°10 5°17 | F 15 S 16 |
| | | | | | | | | | | | | | - | | | |
| S 17 | 7 49 15 | 26°56'01 | 13 ≏ 49 | 10° 0 | 16°19 | 26°11 | 18° 9 | 25°55 | 6°20 | 22°55 | 19° 2 | 29°56 | 1°13 | 4°43 | 5°24 | S 17 |
| M18 | 7 53 11 | 27°57'03 | 27°41 | 9°50 | 17°34 | 26°58 | 18° 2 | 26° 0 | 6°24 | 22°56 | 19° 4 | 29°R57 | 1°10 | 4°50 | 5°31 | M18 |
| T 19 | 7 57 8 | 28°58'06 | 11 M .15 | 9°D50 | 18°49 | 27°45 | 17°55 | 26° 5 | 6°27 | 22°57 | 19° 6 | 29°56 | 1° 7 | 4°56 5° 3 | 5°38 | T 19 |
| W20 T 21 | 8 1 4 8 5 1 | 29°59'09 1≈ 0'13 | 24°31 7 ×7 31 | 9°59 10°16 | 20° 4 21°19 | 28°32 29°19 | 17°47 17°40 | 26°10 26°15 | 6°31 6°34 | 22°59 23° 1 | 19° 8 19°11 | 29°54 29°50 | 1° 3 1° 0 | 5° 3 5°10 | 5°44 5°51 | W20 T 21 |
| F 22 | 8 5 1 8 8 57 | 2° 1'18 | 20°16 | 10°41 | 21 19 22°34 | 0 X 6 | 17°32 | 26°20 | 6°38 | 23° 2 | 19 11 19°13 | 29°46 | 0°57 | 5°16 | 5°58 | F 22 |
| S 23 | 8 12 54 | 3° 2'23 | 2 0 10 2 0 10 | 11°13 | 23°49 | 0°53 | 17°25 | 26°25 | 6°41 | 23° 4 | 19°15 | 29°41 | 0°54 | 5°23 | 6° 4 | S 23 |
| | | | | | | | | | | | | - | | | | |
| S 24 M25 | 8 16 50 8 20 47 | 4° 3'28 5° 4'34 | 15°10 27°21 | 11°51 12°35 | 25° 4 26°19 | 1°40 2°27 | 17°17 17° 9 | 26°30 26°36 | 6°45 6°48 | 23° 5 23° 7 | 19°17 19°19 | 29°36 29°33 | 0°51 0°48 | 5°30 5°36 | 6°11 6°18 | S 24 M25 |
| T 26 | 8 20 47 | 6° 5'40 | 27°21 9 ≈ 24 | 12°33 | 26°19 27°34 | 3°15 | 17° 9 | 26°36 26°41 | 6°51 | 23° 7 | 19°19 | 29°33 29°30 | 0°48 0°44 | 5°43 | 6°24 | T 26 |
| W27 | 8 28 40 | 7° 6'45 | 21°18 | 14°16 | 28°49 | 4° 2 | 16°54 | 26°47 | 6°55 | 23°10 | 19°24 | 29°28 | 0°41 | 5°50 | 6°31 | W27 |
| T 28 | 8 32 37 | 8° 7'51 | 3)(8 | 15°13 | 0 ¥ 4 | 4°49 | 16°46 | 26°52 | 6°58 | 23°12 | 19°26 | 29°D28 | 0°38 | 5°56 | 6°37 | T 28 |
| F 29 | 8 36 33 | 9° 8'57 | 14°54 | 16°13 | 1°19 | 5°36 | 16°38 | 26°58 | 7° 1 | 23°14 | 19°28 | 29°29 | 0°35 | 6° 3 | 6°44 | F 29 |
| S 30 | 8 40 30 | 10°10'02 | 26°41 | 17°16 | 2°34 | 6°24 | 16°30 | 27° 4 | 7° 5 | 23°16 | 19°30 | 29°30 | 0°32 | 6° 9 | 6°50 | S 30 |
| S 31 | 8 44 26 | 11≈11'07 | 8 Y 32 | 18 ට 22 | 3 ∺ 49 | 7 ∺ 11 | 16 Ω 22 | 27 米 9 | 7궁 8 | 23 米 17 | 19 る 32 | 29≈32 | 0 ∺ 28 | 6 ∺ 16 | 6 ප 56 | S 31 |

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| M 1 | 8 48 23 | 12≈12'12 | 20 Y 30 | 19 궁 31 | 5 光 4 | 7 ∺ 58 | 16°R14 | 27 米 15 | 7 ਰ 11 | 23 米 19 | 19 ਰ 34 | 29≈34 | 0 ∺ 25 | 6 ∺ 23 | 7중 3 | M 1 |
| T 2 | 8 52 19 | 13°13'17 | 2841 | 20°41 | 6°18 | 8°45 | 16 N 6 | 27°21 | 7°14 | 23°21 | 19°36 | 29°35 | 0°22 | 6°29 | 7° 9 | T 2 |
| W 3 | 8 56 16 | 14°14'21 | 15° 9 | 21°54 | 7°33 | 9°33 | 15°58 | 27°27 | 7°17 | 23°23 | 19°38 | 29°R35 | 0°19 | 6°36 | 7°15 | W 3 |
| T 4 | 9 0 13 | 15°15'25 | 27°58 | 23° 9 | 8°48 | 10°20 | 15°50 | 27°33 | 7°20 | 23°25 | 19°40 | 29°34 | 0°16 | 6°43 | 7°21 | T 4 |
| F 5 | 9 4 9 | 16°16'28 | 11 II 12 | 24°25 | 10° 3 | 11° 7 | 15°42 | 27°39 | 7°23 | 23°27 | 19°42 | 29°33 | 0°13 | 6°49 | 7°27 | F 5 |
| S 6 | 9 8 6 | 17°17'31 | 24°54 | 25°42 | 11°18 | 11°55 | 15°33 | 27°45 | 7°27 | 23°29 | 19°44 | 29°32 | 0° 9 | 6°56 | 7°34 | S 6 |
| S 7 | 9 12 2 | 18°18'33 | 995 4 | 27° 1 | 12°32 | 12°42 | 15°25 | 27°51 | 7°30 | 23°31 | 19°46 | 29°30 | 0° 6 | 7° 3 | 7°40 | S 7 |
| M 8 | 9 15 59 | 19°19'35 | 23°39 | 28°22 | 13°47 | 13°30 | 15°17 | 27°57 | 7°33 | 23°32 | 19°48 | 29°29 | 0° 3 | 7° 9 | 7°46 | M 8 |
| T 9 | 9 19 55 | 20°20'36 | 8 Ω 35 | 29°43 | 15° 2 | 14°17 | 15° 9 | 28° 4 | 7°36 | 23°34 | 19°50 | 29°28 | 29≈59 | 7°16 | 7°51 | T 9 |
| W10 | 9 23 52 | 21°21'36 | 23°43 | 1≈ 5 | 16°17 | 15° 4 | 15° 1 | 28°10 | 7°38 | 23°36 | 19°52 | 29°D28 | 29°57 | 7°23 | 7°57 | W10 |
| T 11 | 9 27 48 | 22°22'37 | 8 m 55 | 2°29 | 17°31 | 15°52 | 14°53 | 28°16 | 7°41 | 23°38 | 19°54 | 29°28 | 29°54 | 7°29 | 8° 3 | T 11 |
| F 12 | 9 31 45 | 23°23'36 | 24° 1 | 3°53 | 18°46 | 16°39 | 14°45 | 28°23 | 7°44 | 23°40 | 19°56 | 29°28 | 29°50 | 7°36 | 8° 9 | F 12 |
| S 13 | 9 35 42 | 24°24'35 | 8 ≏ 52 | 5°18 | 20° 0 | 17°27 | 14°38 | 28°29 | 7°47 | 23°42 | 19°58 | 29°29 | 29°47 | 7°43 | 8°15 | S 13 |
| S 14 | 9 39 38 | 25°25'34 | 23°22 | 6°44 | 21°15 | 18°14 | 14°30 | 28°35 | 7°50 | 23°45 | 20° 0 | 29°29 | 29°44 | 7°49 | 8°20 | S 14 |
| M15 | 9 43 35 | 26°26'33 | 7 M 28 | 8°11 | 22°29 | 19° 1 | 14°22 | 28°42 | 7°53 | 23°47 | 20° 2 | 29°29 | 29°41 | 7°56 | 8°26 | M15 |
| T 16 | 9 47 31 | 27°27'32 | 21° 9 | 9°39 | 23°44 | 19°49 | 14°14 | 28°49 | 7°55 | 23°49 | 20° 4 | 29°30 | 29°38 | 8° 2 | 8°31 | T 16 |
| W17 | 9 51 28 | 28°28'30 | 4 ₹ 25 | 11° 7 | 24°58 | 20°36 | 14° 7 | 28°55 | 7°58 | 23°51 | 20° 5 | 29°R30 | 29°34 | 8° 9 | 8°37 | W17 |
| T 18 | 9 55 24 | 29°29'28 | 17°19 | 12°36 | 26°13 | 21°24 | 13°59 | 29° 2 | 8° 1 | 23°53 | 20° 7 | 29°D30 | 29°31 | 8°16 | 8°42 | T 18 |
| F 19 | 9 59 21 | 0 ₩ 30'25 | 2 <u>9</u> °54 | 14° 6 | 27°27 | 22°11 | 13°52 | 29° 8 | 8° 3 | 23°55 | 20° 9 | 29°30 | 29°28 | 8°22 | 8°47 | F 19 |
| S 20 | 10 3 17 | 1°31'22 | 12 3 14 | 15°36 | 28°42 | 22°59 | 13°44 | 29°15 | 8° 6 | 23°57 | 20°11 | 29°30 | 29°25 | 8°29 | 8°53 | S 20 |
| S 21 | 10 7 14 | 2°32'18 | 24°22 | 17° 8 | 29°56 | 23°46 | 13°37 | 29°22 | 8° 8 | 23°59 | 20°13 | 29°30 | 29°22 | 8°36 | 8°58 | S 21 |
| M22 | 10 11 11 | 3°33'13 | 6≈20 | 18°39 | 1 Υ 10 | 24°34 | 13°30 | 29°29 | 8°11 | 24° 1 | 20°14 | 29°31 | 29°19 | 8°42 | 9° 3 | M22 |
| T 23 | 10 15 7 | 4°34'08 | 18°13 | 20°12 | 2°25 | 25°21 | 13°23 | 29°35 | 8°13 | 24° 4 | 20°16 | 29°31 | 29°15 | 8°49 | 9°8 | T 23 |
| W24 | 10 19 4 | 5°35'02 | 0 米 2 | 21°45 | 3°39 | 26° 8 | 13°16 | 29°42 | 8°16 | 24° 6 | 20°18 | 29°R31 | 29°12 | 8°56 | 9°13 | W24 |
| T 25 | 10 23 0 | 6°35'55 | 11°49 | 23°19 | 4°53 | 26°56 | 13° 9 | 29°49 | 8°18 | 24° 8 | 20°19 | 29°31 | 29° 9 | 9° 2 | 9°18 | T 25 |
| F 26 | 10 26 57 | 7°36'47 | 23°37 | 24°54 | 6° 7 | 27°43 | 13° 2 | 29°56 | 8°20 | 24°10 | 20°21 | 29°30 | 29° 6 | 9° 9 | 9°23 | F 26 |
| S 27 | 10 30 53 | 8°37'38 | 5 ℃ 27 | 26°30 | 7°21 | 28°31 | 12°55 | 0 Υ 3 | 8°23 | 24°12 | 20°23 | 29°29 | 29° 3 | 9°16 | 9°27 | S 27 |
| S 28 | 10 34 50 | 9) €38'27 | 17 Y 23 | 28≈ 6 | 8 Y 35 | 29 ∺ 18 | 12 Ω 49 | 0 Υ 10 | 8 궁 25 | 24) €15 | 20중24 | 29≈28 | 28≈59 | 9 ∺ 22 | 9 る 32 | S 28 |

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| M 1 | 10 38 46 | 10) 39'16 | 29 Y 26 | 29≈43 | 9 Υ 50 | 0Υ 6 | 12°R42 | 0 Υ 17 | 8 궁 27 | 24) 17 | 20중26 | 29°R26 | 28≈56 | 9 ∺ 29 | 9 ට 37 | M 1 |
| T 2 | 10 42 43 | 11°40'03 | 11841 | 1 ∺ 20 | 11° 4 | 0°53 | 12 N 36 | 0°24 | 8°29 | 24°19 | 20°28 | 29≈24 | 28°53 | 9°35 | 9°41 | T 2 |
| W 3 | 10 46 40 | 12°40'49 | 24° 9 | 2°59 | 12°17 | 1°40 | 12°30 | 0°31 | 8°31 | 24°21 | 20°29 | 29°23 | 28°50 | 9°42 | 9°46 | W 3 |
| T 4 | 10 50 36 | 13°41'34 | 6耳54 | 4°38 | 13°31 | 2°28 | 12°24 | 0°38 | 8°33 | 24°24 | 20°31 | 29°22 | 28°47 | 9°49 | 9°50 | T 4 |
| F 5 | 10 54 33 | 14°42'17 | 20° 1 | 6°18 | 14°45 | 3°15 | 12°18 | 0°45 | 8°35 | 24°26 | 20°32 | 29°D22 | 28°44 | 9°55 | 9°54 | F 5 |
| S 6 | 10 58 29 | 15°42'59 | 3931 | 7°59 | 15°59 | 4° 2 | 12°13 | 0°52 | 8°37 | 24°28 | 20°34 | 29°23 | 28°40 | 10° 2 | 9°59 | S 6 |
| S 7 | 11 2 26 | 16°43'39 | 17°27 | 9°40 | 17°13 | 4°50 | 12° 7 | 0°59 | 8°39 | 24°30 | 20°35 | 29°24 | 28°37 | 10° 9 | 10° 3 | S 7 |
| M 8 | 11 6 22 | 17°44'18 | 1 Ω 48 | 11°23 | 18°27 | 5°37 | 12° 2 | 1° 7 | 8°41 | 24°33 | 20°36 | 29°25 | 28°34 | 10°15 | 10° 7 | M 8 |
| T 9 | 11 10 19 | 18°44'55 | 16°33 | 13° 6 | 19°40 | 6°24 | 11°56 | 1°14 | 8°43 | 24°35 | 20°38 | 29°26 | 28°31 | 10°22 | 10°11 | T 9 |
| W10 | 11 14 15 | 19°45'31 | 1 m 35 | 14°50 | 20°54 | 7°12 | 11°51 | 1°21 | 8°45 | 24°37 | 20°39 | 29°R27 | 28°28 | 10°29 | 10°15 | W10 |
| T 11 | 11 18 12 | 20°46'05 | 16°48 | 16°35 | 22° 7 | 7°59 | 11°47 | 1°28 | 8°46 | 24°39 | 20°40 | 29°26 | 28°25 | 10°35 | 10°19 | T 11 |
| F 12 | 11 22 9 | 21°46'37 | 2 <u>₽</u> 1 | 18°21 | 23°21 | 8°46 | 11°42 | 1°35 | 8°48 | 24°42 | 20°42 | 29°24 | 28°21 | 10°42 | 10°22 | F 12 |
| S 13 | 11 26 5 | 22°47'09 | 17° 6 | 20° 8 | 24°34 | 9°33 | 11°37 | 1°43 | 8°50 | 24°44 | 20°43 | 29°21 | 28°18 | 10°49 | 10°26 | S 13 |
| S 14 | 11 30 2 | 23°47'39 | 1 M .52 | 21°56 | 25°48 | 10°21 | 11°33 | 1°50 | 8°51 | 24°46 | 20°44 | 29°18 | 28°15 | 10°55 | 10°30 | S 14 |
| M15 | 11 33 58 | 24°48'08 | 16°13 | 23°44 | 27° 1 | 11° 8 | 11°29 | 1°57 | 8°53 | 24°49 | 20°45 | 29°14 | 28°12 | 11° 2 | 10°33 | M15 |
| T 16 | 11 37 55 | 25°48'35 | 0 才 6 | 25°34 | 28°14 | 11°55 | 11°25 | 2° 4 | 8°54 | 24°51 | 20°47 | 29°11 | 28° 9 | 11° 9 | 10°37 | T 16 |
| W17 | 11 41 51 | 26°49'02 | 13°31 | 27°24 | 29°27 | 12°42 | 11°21 | 2°12 | 8°56 | 24°53 | 20°48 | 29° 9 | 28° 5 | 11°15 | 10°40 | W17 |
| T 18 | 11 45 48 | 27°49'27 | 26°28 | 29°15 | 0 8 40 | 13°29 | 11°17 | 2°19 | 8°57 | 24°55 | 20°49 | 29°D 9 | 28° 2 | 11°22 | 10°43 | T 18 |
| F 19 | 11 49 44 | 28°49'51 | 9 ට 3 | 1 Υ 7 | 1°54 | 14°16 | 11°14 | 2°26 | 8°59 | 24°58 | 20°50 | 29° 9 | 27°59 | 11°28 | 10°46 | F 19 |
| S 20 | 11 53 41 | 29°50'14 | 21°19 | 3° 0 | 3° 7 | 15° 4 | 11°11 | 2°33 | 9° 0 | 25° 0 | 20°51 | 29°10 | 27°56 | 11°35 | 10°49 | S 20 |
| S 21 | 11 57 38 | 0 Υ 50'36 | 3≈21 | 4°53 | 4°19 | 15°51 | 11°8 | 2°41 | 9° 1 | 25° 2 | 20°52 | 29°12 | 27°53 | 11°42 | 10°52 | S 21 |
| M22 | 12 1 34 | 1°50'56 | 15°13 | 6°47 | 5°32 | 16°38 | 11° 5 | 2°48 | 9° 2 | 25° 4 | 20°53 | 29°14 | 27°50 | 11°48 | 10°55 | M22 |
| T 23 | 12 5 31 | 2°51'15 | 27° 1 | 8°41 | 6°45 | 17°25 | 11° 2 | 2°55 | 9° 3 | 25° 7 | 20°54 | 29°R15 | 27°46 | 11°55 | 10°58 | T 23 |
| W24 | 12 9 27 | 3°51'32 | 8) (47 | 10°36 | 7°58 | 18°12 | 10°59 | 3° 3 | 9° 4 | 25° 9 | 20°55 | 29°14 | 27°43 | 12° 2 | 11° 1 | W24 |
| T 25 | 12 13 24 | 4°51'47 | 20°35 | 12°31 | 9°11 | 18°59 | 10°57 | 3°10 | 9° 5 | 25°11 | 20°56 | 29°12 | 27°40 | 12° 8 | 11° 3 | T 25 |
| F 26 | 12 17 20 | 5°52'01 | 2Υ26 | 14°25 | 10°23 | 19°46 | 10°55 | 3°17 | 9° 6 | 25°13 | 20°57 | 29° 8 | 27°37 | 12°15 | 11° 6 | F 26 |
| S 27 | 12 21 17 | 6°52'13 | 14°24 | 16°20 | 11°36 | 20°33 | 10°53 | 3°24 | 9° 7 | 25°16 | 20°58 | 29° 2 | 27°34 | 12°22 | 11° 8 | S 27 |
| S 28 | 12 25 13 | 7°52'24 | 26°30 | 18°14 | 12°48 | 21°20 | 10°51 | 3°32 | 9°8 | 25°18 | 20°59 | 28°55 | 27°31 | 12°28 | 11°10 | S 28 |
| M29 | 12 29 10 | 8°52'33 | 8 8 45 | 20° 7 | 14° 1 | 22° 6 | 10°50 | 3°39 | 9° 9 | 25°20 | 20°59 | 28°48 | 27°27 | 12°35 | 11°13 | M29 |
| T 30 | 12 33 6 | 9°52'40 | 21°10 | 21°59 | 15°13 | 22°53 | 10°48 | 3°46 | <u>9°10</u> | 25°22 | 2 <u>1</u> ° 0 | 28°40 | 27°24 | 12°42 | 1 <u>1</u> °15 | T 30 |
| W31 | 12 37 3 | 10 Y 52'45 | 3 Ⅱ 47 | 23 Y 50 | 16 8 25 | 23 Y 40 | 10 Ω 47 | 3 ℃ 53 | 9 궁 10 | 25 米 25 | 21 궁 1 | 28≈34 | 27≈21 | 12) (48 | 11 궁 17 | W31 |

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| T 1 | 12 41 0 | 11 Y 52'48 | 16 Ⅲ 38 | 25 Y 39 | 17 8 37 | 24 Y 27 | 10°R46 | 4 Υ 1 | 9 ට 11 | 25 米 27 | 21る 2 | 28°R29 | 27≈18 | 12) 55 | 11 궁 19 | T 1 |
| F 2 | 12 44 56 | 12°52'49 | 29°45 | 27°25 | 18°49 | 25°14 | 10 Ω 46 | 4° 8 | 9°12 | 25°29 | 21° 2 | 28 ≈ 26 | 27°15 | 13° 2 | 11°21 | F 2 |
| S 3 | 12 48 53 | 13°52'48 | 1395 9 | 29° 8 | 20° 1 | 26° 0 | 10°45 | 4°15 | 9°12 | 25°31 | 21° 3 | 28°D25 | 27°11 | 13° 8 | 11°22 | S 3 |
| S 4 | 12 52 49 | 14°52'45 | 26°53 | 0 8 49 | 21°13 | 26°47 | 10°45 | 4°22 | 9°13 | 25°33 | 21° 4 | 28°26 | 27° 8 | 13°15 | 11°24 | S 4 |
| M 5 | 12 56 46 | 15°52'39 | 10 Ω 58 | 2°25 | 22°25 | 27°34 | 10°D45 | 4°30 | 9°13 | 25°36 | 21° 4 | 28°27 | 27° 5 | 13°22 | 11°26 | M 5 |
| T 6 | 13 0 42 | 16°52'32 | 25°23 | 3°57 | 23°37 | 28°20 | 10°45 | 4°37 | 9°14 | 25°38 | 21° 5 | 28°R28 | 27° 2 | 13°28 | 11°27 | T 6 |
| W 7 | 13 4 39 | 17°52'22 | 10 m 6 | 5°24 | 24°49 | 29° 7 | 10°45 | 4°44 | 9°14 | 25°40 | 21° 5 | 28°27 | 26°59 | 13°35 | 11°28 | W 7 |
| T 8 | 13 8 35 | 18°52'10 | 25° 2 | 6°45 | 26° 0 | 29°53 | 10°45 | 4°51 | 9°14 | 25°42 | 21° 6 | 28°25 | 26°56 | 13°41 | 11°30 | T 8 |
| F 9 | 13 12 32 | 19°51'56 | 10 ♀ 4 | 8° 1 | 27°12 | 0840 | 10°46 | 4°58 | 9°14 | 25°44 | 21° 6 | 28°20 | 26°52 | 13°48 | 11°31 | F 9 |
| S 10 | 13 16 29 | 20°51'41 | 25° 3 | 9°11 | 28°23 | 1°26 | 10°47 | 5° 5 | 9°15 | 25°46 | 21° 6 | 28°13 | 26°49 | 13°55 | 11°32 | S 10 |
| S 11 | 13 20 25 | 21°51'23 | 9 M 50 | 10°14 | 29°34 | 2°13 | 10°48 | 5°13 | 9°15 | 25°48 | 21° 7 | 28° 4 | 26°46 | 14° 1 | 11°33 | S 11 |
| M12 | 13 24 22 | 22°51'04 | 24°16 | 11° 9 | 0 Ⅱ 45 | 2°59 | 10°49 | 5°20 | 9°15 | 25°51 | 21° 7 | 27°55 | 26°43 | 14° 8 | 11°34 | M12 |
| T 13 | 13 28 18 | 23°50'43 | 8 ∡ 16 | 11°58 | 1°56 | 3°46 | 10°50 | 5°27 | 9°R15 | 25°53 | 21° 8 | 27°47 | 26°40 | 14°15 | 11°34 | T 13 |
| W14 | 13 32 15 | 24°50'20 | 2 <u>1</u> °48 | 12°39 | 3° 7 | 4°32 | 10°52 | 5°34 | 9°15 | 25°55 | 21° 8 | 27°41 | 26°36 | 14°21 | 11°35 | W14 |
| T 15 | 13 36 11 | 25°49'56 | 4 궁 52 | 13°13 | 4°18 | 5°18 | 10°54 | 5°41 | 9°15 | 25°57 | 21° 8 | 27°36 | 26°33 | 14°28 | 11°36 | T 15 |
| F 16 | 13 40 8 | 26°49'30 | 17°31 | 13°38 | 5°29 | 6° 4 | 10°56 | 5°48 | 9°14 | 25°59 | 21° 8 | 27°34 | 26°30 | 14°35 | 11°36 | F 16 |
| S 17 | 13 44 4 | 27°49'02 | 29°49 | 13°56 | 6°39 | 6°51 | 10°58 | 5°55 | 9°14 | 26° 1 | 21° 8 | 27°D34 | 26°27 | 14°41 | 11°37 | S 17 |
| S 18 | 13 48 1 | 28°48'33 | 11≈51 | 14° 6 | 7°50 | 7°37 | 11° 0 | 6° 2 | 9°14 | 26° 3 | 21° 9 | 27°34 | 26°24 | 14°48 | 11°37 | S 18 |
| M19 | 13 51 58 | 29°48'02 | 23°43 | 14°R 8 | 9° 0 | 8°23 | 11° 3 | 6° 8 | 9°14 | 26° 5 | 21° 9 | 27°R35 | 26°21 | 14°55 | 11°37 | M19 |
| T 20 | 13 55 54 | 0847'29 | 5 ∺ 30 | 14° 2 | 10°11 | 9° 9 | 11° 5 | 6°15 | 9°13 | 26° 7 | 21° 9 | 27°35 | 26°17 | 15° 1 | 11°R37 | T 20 |
| W21 | 13 59 51 | 1°46'54 | 17°17 | 13°50 | 11°21 | 9°55 | 11° 8 | 6°22 | 9°13 | 26° 9 | 21° 9 | 27°32 | 26°14 | 15° 8 | 11°37 | W21 |
| T 22 | 14 3 47 | 2°46'17 | 29° 7 | 13°31 | 12°31 | 10°41 | 11°11 | 6°29 | 9°12 | 26°11 | 21°R 9 | 27°28 | 26°11 | 15°15 | 11°37 | T 22 |
| F 23 | 14 7 44 | 3°45'39 | 11 ° 5 | 13° 5 | 13°41 | 11°27 | 11°14 | 6°36 | 9°12 | 26°12 | 21° 9 | 27°21 | 26° 8 | 15°21 | 11°37 | F 23 |
| S 24 | 14 11 40 | 4°44'59 | 23°12 | 12°34 | 14°51 | 12°13 | 11°18 | 6°43 | 9°11 | 26°14 | 21° 9 | 27°11 | 26° 5 | 15°28 | 11°36 | S 24 |
| S 25 | 14 15 37 | 5°44'17 | 5 8 31 | 11°58 | 16° 0 | 12°59 | 11°21 | 6°49 | 9°11 | 26°16 | 21° 9 | 26°59 | 26° 2 | 15°35 | 11°36 | S 25 |
| M26 | 14 19 33 | 6°43'33 | 18° 2 | 11°17 | 17°10 | 13°45 | 11°25 | 6°56 | 9°10 | 26°18 | 21° 9 | 26°47 | 25°58 | 15°41 | 11°36 | M26 |
| T 27 | 14 23 30 | 7°42'47 | 0∏45 | 10°34 | 18°20 | 14°30 | 11°29 | 7° 3 | 9° 9 | 26°20 | 21° 9 | 26°34 | 25°55 | 15°48 | 11°35 | T 27 |
| W28 | 14 27 27 | 8°41'59 | 13°39 | 9°48 | 19°29 | 15°16 | 11°33 | 7° 9 | 9° 9 | 26°22 | 21° 8 | 26°23 | 25°52 | 15°54 | 11°34 | W28 |
| T 29 | 14 31 23 | 9°41'09 | 26°46 | 9° 1 | 20°38 | 16° 2 | 11°38 | 7°16 | 9° 8 | 26°24 | 21° 8 | 26°14 | 25°49 | 16° 1 | 11°34 | T 29 |
| F 30 | 14 35 20 | 10840'17 | 1095 4 | 8 8 13 | 21 Ⅱ 47 | 16 8 48 | 11 Ω 42 | 7 Υ 22 | 9궁 7 | 26 ∺ 25 | 21중 8 | 26≈ 8 | 25 ≈ 46 | 16 米 8 | 11 る 33 | F 30 |

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| S 1 | 14 39 16 | 11839'23 | 23934 | 7°R26 | 22 II 56 | 17 8 33 | 11 Ω 47 | 7 Υ 29 | 9°R 6 | 26 米 27 | 21°R 8 | 26°R 5 | 25≈42 | 16) 14 | 11°R32 | S 1 |
| S 2 | 14 43 13 | 12°38'26 | 7 Ω 16 | 6 8 40 | 24° 5 | 18°19 | 11°52 | 7°35 | 9 ට 5 | 26°29 | 21중 7 | 26≈ 4 | 25°39 | 16°21 | 11 る 31 | S 2 |
| M 3 | 14 47 9 | 13°37'27 | 21°13 | 5°56 | 25°13 | 19° 4 | 11°56 | 7°41 | 9° 4 | 26°30 | 21° 7 | 26° 4 | 25°36 | 16°28 | 11°29 | M 3 |
| T 4 | 14 51 6 | 14°36'26 | 5 m 23 | 5°15 | 26°22 | 19°50 | 12° 2 | 7°48 | 9° 3 | 26°32 | 21° 7 | 26° 4 | 25°33 | 16°34 | 11°28 | T 4 |
| W 5 | 14 55 2 | 15°35'22 | 19°45 | 4°38 | 27°30 | 20°35 | 12° 7 | 7°54 | 9° 2 | 26°34 | 21° 6 | 26° 2 | 25°30 | 16°41 | 11°27 | W 5 |
| T 6 | 14 58 59 | 16°34'17 | 4 ≏ 18 | 4° 4 | 28°38 | 21°21 | 12°12 | 8° 0 | 9° 1 | 26°35 | 21° 6 | 25°58 | 25°27 | 16°48 | 11°25 | T 6 |
| F 7 | 15 2 56 | 17°33'09 | 18°57 | 3°35 | 29°46 | 22° 6 | 12°18 | 8° 7 | 8°59 | 26°37 | 21° 5 | 25°51 | 25°23 | 16°54 | 11°24 | F 7 |
| S 8 | 15 6 52 | 18°31'59 | 3 M .34 | 3°11 | 0954 | 22°51 | 12°24 | 8°13 | 8°58 | 26°39 | 21° 5 | 25°42 | 25°20 | 17° 1 | 11°22 | S 8 |
| S 9 | 15 10 49 | 19°30'47 | 18° 4 | 2°52 | 2° 2 | 23°36 | 12°30 | 8°19 | 8°57 | 26°40 | 21° 4 | 25°31 | 25°17 | 17° 8 | 11°21 | S 9 |
| M10 | 15 14 45 | 20°29'33 | 2 ,7 19 | 2°37 | 3° 9 | 24°22 | 12°36 | 8°25 | 8°56 | 26°42 | 21° 4 | 25°19 | 25°14 | 17°14 | 11°19 | M10 |
| T 11 | 15 18 42 | 21°28'18 | 16°14 | 2°28 | 4°16 | 25° 7 | 12°42 | 8°31 | 8°54 | 26°43 | 21° 3 | 25° 7 | 25°11 | 17°21 | 11°17 | T 11 |
| W12 | 15 22 38 | 22°27'00 | 29°44 | 2°D25 | 5°23 | 25°52 | 12°48 | 8°37 | 8°53 | 26°45 | 21° 3 | 24°58 | 25° 8 | 17°28 | 11°15 | W12 |
| T 13 | 15 26 35 | 23°25'41 | 12 る 48 | 2°26 | 6°30 | 26°37 | 12°55 | 8°43 | 8°51 | 26°46 | 21° 2 | 24°51 | 25° 4 | 17°34 | 11°13 | T 13 |
| F 14 | 15 30 31 | 24°24'21 | 25°30 | 2°32 | 7°37 | 27°22 | 13° 1 | 8°49 | 8°50 | 26°48 | 21° 1 | 24°46 | 25° 1 | 17°41 | 11°11 | F 14 |
| S 15 | 15 34 28 | 25°22'58 | 7 ≈ 50 | 2°44 | 8°44 | 28° 7 | 13° 8 | 8°54 | 8°48 | 26°49 | 21° 1 | 24°44 | 24°58 | 17°48 | 11° 9 | S 15 |
| S 16 | 15 38 25 | 26°21'34 | 19°55 | 3° 0 | 9°50 | 28°52 | 13°15 | 9° 0 | 8°47 | 26°50 | 21° 0 | 24°43 | 24°55 | 17°54 | 11° 6 | S 16 |
| M17 | 15 42 21 | 27°20'09 | 1) 48 | 3°21 | 10°56 | 29°37 | 13°22 | 9° 6 | 8°45 | 26°52 | 20°59 | 24°43 | 24°52 | 18° 1 | 11° 4 | M17 |
| T 18 | 15 46 18 | 28°18'41 | 13°37 | 3°46 | 12° 2 | 0Д21 | 13°29 | 9°11 | 8°44 | 26°53 | 20°59 | 24°43 | 24°48 | 18° 8 | 11° 2 | T 18 |
| W19 | 15 50 14 | 29°17'13 | 25°25 | 4°15 | 13° 8 | 1° 6 | 13°37 | 9°17 | 8°42 | 26°54 | 20°58 | 24°40 | 24°45 | 18°14 | 10°59 | W19 |
| T 20 | 15 54 11 | 0 Ⅱ 15'42 | 7 Υ 19 | 4°49 | 14°13 | 1°51 | 13°44 | 9°22 | 8°40 | 26°56 | 20°57 | 24°36 | 24°42 | 18°21 | 10°57 | T 20 |
| F 21 | 15 58 7 | 1°14'10 | 19°23 | 5°27 | 15°18 | 2°35 | 13°52 | 9°28 | 8°38 | 26°57 | 20°56 | 24°29 | 24°39 | 18°28 | 10°54 | F 21 |
| S 22 | 16 2 4 | 2°12'37 | 1839 | 6° 8 | 16°23 | 3°20 | 14° 0 | 9°33 | 8°37 | 26°58 | 20°55 | 24°19 | 24°36 | 18°34 | 10°51 | S 22 |
| S 23 | 16 6 0 | 3°11'02 | 14°10 | 6°53 | 17°28 | 4° 5 | 14° 8 | 9°39 | 8°35 | 26°59 | 20°54 | 24° 7 | 24°33 | 18°41 | 10°48 | S 23 |
| M24 | 16 9 57 | 4° 9'25 | 26°56 | 7°42 | 18°33 | 4°49 | 14°16 | 9°44 | 8°33 | 27° 0 | 20°53 | 23°54 | 24°29 | 18°48 | 10°46 | M24 |
| T 25 | 16 13 54 | 5° 7'47 | 9∏59 | 8°34 | 19°37 | 5°34 | 14°24 | 9°49 | 8°31 | 27° 2 | 20°52 | 23°41 | 24°26 | 18°54 | 10°43 | T 25 |
| W26 | 16 17 50 | 6° 6'07 | 23°15 | 9°29 | 20°41 | 6°18 | 14°32 | 9°54 | 8°29 | 27° 3 | 20°51 | 23°30 | 24°23 | 19° 1 | 10°40 | W26 |
| T 27 | 16 21 47 | 7° 4'25 | 69344 | 10°27 | 21°45 | 7° 2 | 14°40 | 9°59 | 8°27 | 27° 4 | 20°51 | 23°21 | 24°20 | 19° 8 | 10°37 | T 27 |
| F 28 | 16 25 43 | 8° 2'41 | 20°23 | 11°28 | 22°48 | 7°47 | 14°49 | 10° 4 | 8°25 | 27° 5 | 20°49 | 23°15 | 24°17 | 19°14 | 10°33 | F 28 |
| S 29 | 16 29 40 | 9° 0'56 | 4 Ω 10 | 12°32 | 23°51 | 8°31 | 14°57 | 10° 9 | 8°23 | 27° 6 | 20°48 | 23°11 | 24°14 | 19°21 | 10°30 | S 29 |
| S 30 | 16 33 36 | 9°59'08 | 18° 5 | 13°39 | 24°54 | 9°15 | 15° 6 | 10°14 | 8°21 | 27° 7 | 20°47 | 23°D10 | 24°10 | 19°28 | 10°27 | S 30 |
| M31 | 16 37 33 | 10 Ⅱ 57'19 | 2 Mp 5 | 14848 | 25957 | 9 耳 59 | 15 Ω 15 | 10 Υ 19 | 8 궁 19 | 27) 8 | 20 궁 46 | 23≈10 | 24≈ 7 | 19) 34 | 10 る 24 | M31 |

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| T 1 | 16 41 29 | 11 Ⅱ 55'27 | 16 M p11 | 16 8 0 | 26959 | 10 Ⅱ 43 | 15 Ω 24 | 10 Y 23 | 8°R17 | 27) 9 | 20°R45 | 23°R10 | 24≈ 4 | 19)(41 | 10°R20 | T 1 |
| W 2 | 16 45 26 | 12°53'34 | 0 ≏ 21 | 17°14 | 28° 1 | 11°27 | 15°33 | 10°28 | 8 ਰ 15 | 27° 9 | 20 궁 44 | 23≈ 9 | 24° 1 | 19°47 | 10 궁 17 | W 2 |
| T 3 | 16 49 23 | 13°51'38 | 14°35 | 18°31 | 29° 3 | 12°11 | 15°42 | 10°32 | 8°12 | 27°10 | 20°43 | 23° 6 | 23°58 | 19°54 | 10°13 | T 3 |
| F 4 | 16 53 19 | 14°49'41 | 28°49 | 19°51 | 0 Ω 4 | 12°55 | 15°52 | 10°37 | 8°10 | 27°11 | 20°42 | 23° 0 | 23°54 | 20° 1 | 10°10 | F 4 |
| S 5 | 16 57 16 | 15°47'42 | 13 M 1 | 21°12 | 1° 5 | 13°39 | 16° 1 | 10°41 | 8° 8 | 27°12 | 20°41 | 22°52 | 23°51 | 20° 7 | 10° 6 | S 5 |
| S 6 | 17 112 | 16°45'42 | 27° 5 | 22°36 | 2° 6 | 14°23 | 16°11 | 10°46 | 8° 6 | 27°13 | 20°39 | 22°42 | 23°48 | 20°14 | 10° 3 | S 6 |
| M 7 | 17 5 9 | 17°43'40 | 10 ∡ 56 | 24° 2 | 3° 6 | 15° 7 | 16°20 | 10°50 | 8° 3 | 27°13 | 20°38 | 22°31 | 23°45 | 20°21 | 9°59 | M 7 |
| T 8 | 17 9 5 | 18°41'37 | 24°32 | 25°31 | 4° 6 | 15°50 | 16°30 | 10°54 | 8° 1 | 27°14 | 20°37 | 22°21 | 23°42 | 20°27 | 9°55 | T 8 |
| W 9 | 17 13 2 | 19°39'32 | 7 る 49 | 27° 2 | 5° 6 | 16°34 | 16°40 | 10°58 | 7°59 | 27°15 | 20°36 | 22°13 | 23°39 | 20°34 | 9°52 | W 9 |
| T 10 | 17 16 59 | 20°37'25 | 20°45 | 28°35 | 6° 5 | 17°18 | 16°50 | 11° 2 | 7°57 | 27°15 | 20°34 | 22° 6 | 23°35 | 20°41 | 9°48 | T 10 |
| F 11 | 17 20 55 | 21°35'18 | 3≈22 | 0 Ⅱ 10 | 7° 3 | 18° 1 | 17° 0 | 11° 6 | 7°54 | 27°16 | 20°33 | 22° 2 | 23°32 | 20°47 | 9°44 | F 11 |
| S 12 | 17 24 52 | 22°33'09 | 15°41 | 1°47 | 8° 1 | 18°45 | 17°10 | 11°10 | 7°52 | 27°17 | 20°32 | 22° 1 | 23°29 | 20°54 | 9°40 | S 12 |
| S 13 | 17 28 48 | 23°30'59 | 27°45 | 3°27 | 8°59 | 19°28 | 17°20 | 11°14 | 7°50 | 27°17 | 20°30 | 22°D 1 | 23°26 | 21° 1 | 9°36 | S 13 |
| M14 | 17 32 45 | 24°28'48 | 9) 40 | 5° 9 | 9°57 | 20°11 | 17°30 | 11°17 | 7°47 | 27°18 | 20°29 | 22° 1 | 23°23 | 21° 7 | 9°32 | M14 |
| T 15 | 17 36 41 | 25°26'36 | 21°30 | 6°53 | 10°53 | 20°55 | 17°40 | 11°21 | 7°45 | 27°18 | 20°28 | 22°R 2 | 23°20 | 21°14 | 9°28 | T 15 |
| W16 | 17 40 38 | 26°24'22 | 3 Υ 21 | 8°39 | 11°50 | 21°38 | 17°51 | 11°24 | 7°42 | 27°19 | 20°26 | 22° 2 | 23°16 | 21°21 | 9°24 | W16 |
| T 17 | 17 44 34 | 27°22'08 | 15°16 | 10°27 | 12°46 | 22°21 | 18° 1 | 11°28 | 7°40 | 27°19 | 20°25 | 22° 0 | 23°13 | 21°27 | 9°20 | T 17 |
| F 18 | 17 48 31 | 28°19'53 | 27°23 | 12°18 | 13°41 | 23° 5 | 18°12 | 11°31 | 7°37 | 27°19 | 20°23 | 21°56 | 23°10 | 21°34 | 9°16 | F 18 |
| S 19 | 17 52 28 | 29°17'36 | 9 8 44 | 14°10 | 14°36 | 23°48 | 18°23 | 11°34 | 7°35 | 27°20 | 20°22 | 21°50 | 23° 7 | 21°41 | 9°12 | S 19 |
| S 20 | 17 56 24 | 09515'19 | 22°23 | 16° 5 | 15°30 | 24°31 | 18°34 | 11°38 | 7°33 | 27°20 | 20°21 | 21°43 | 23° 4 | 21°47 | 9° 8 | S 20 |
| M21 | 18 0 21 | 1°13'01 | 5 Ⅱ 22 | 18° 2 | 16°24 | 25°14 | 18°44 | 11°41 | 7°30 | 27°20 | 20°19 | 21°34 | 23° 0 | 21°54 | 9° 4 | M21 |
| T 22 | 18 4 17 | 2°10'42 | 18°40 | 20° 1 | 17°17 | 25°57 | 18°55 | 11°44 | 7°28 | 27°20 | 20°18 | 21°26 | 22°57 | 22° 1 | 9° 0 | T 22 |
| W23 | 18 8 14 | 3° 8'22 | 29917 | 22° 2 | 18° 9 | 26°40 | 19° 6 | 11°47 | 7°25 | 27°21 | 20°16 | 21°18 | 22°54 | 22° 7 | 8°56 | W23 |
| T 24 | 18 12 10 | 4° 6'01 | 16° 9 | 24° 5 | 19° 1 | 27°23 | 19°18 | 11°49 | 7°23 | 27°21 | 20°15 | 21°12 | 22°51 | 22°14 | 8°52 | T 24 |
| F 25 | 18 16 7 | 5° 3'38 | 0 Ω 13 | 26°10 | 19°52 | 28° 5 | 19°29 | 11°52 | 7°20 | 27°21 | 20°13 | 21° 8 | 22°48 | 22°21 | 8°47 | F 25 |
| S 26 | 18 20 3 | 6° 1'14 | 14°25 | 28°16 | 20°43 | 28°48 | 19°40 | 11°55 | 7°18 | 27°21 | 20°12 | 21°D 7 | 22°45 | 22°27 | 8°43 | S 26 |
| S 27 | 18 24 0 | 6°58'50 | 28°41 | 0924 | 21°33 | 29°31 | 19°51 | 11°57 | 7°15 | 27°21 | 20°10 | 21° 7 | 22°41 | 22°34 | 8°39 | S 27 |
| M28 | 18 27 57 | 7°56'23 | 12 m 57 | 2°34 | 22°22 | 09୍ତ14 | 20° 3 | 12° 0 | 7°13 | 27°21 | 20° 9 | 21° 8 | 22°38 | 22°41 | 8°35 | M28 |
| T 29 | 18 31 53 | 8°53'56 | 27°11 | 4°44 | 23°10 | 0°56 | 20°14 | 12° 2 | <u>7°</u> 10 | 27°R21 | 20° 7 | 21° 9 | 22°35 | 22°47 | <u>8°31</u> | T 29 |
| W30 | 18 35 50 | 9951'27 | 11 ≏ 21 | 6955 | 23 Ω 58 | 1939 | $20\Omega 26$ | 12 ° 4 | 7る8 | 27 米 21 | 20궁 6 | 21°R 9 | 22≈32 | 22 米 54 | 8 궁 27 | W30 |

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| Day | Sid.t | 0 | D | Ϋ́ | φ | ♂ | 4 | ħ |)Å(| ¥ | Р | 'n | Ω | Ç | o k | Day |
|------|----------|------------------|-----------------|----------------|---------------|-------|----------------|----------------|---------------|----------------|----------------|--------|-------|----------------|---------------|------|
| T 1 | 18 39 46 | 109548'57 | 25 ≏ 26 | 999 7 | 24Ω44 | 29521 | 20 Ω 37 | 12 ° 7 | 7°R 5 | 27°R21 | 20°R 4 | 21°R 8 | 22≈29 | 23) 1 | 8°R22 | T 1 |
| F 2 | 18 43 43 | 11°46'26 | 9 M 23 | 11°19 | 25°30 | 3° 4 | 20°49 | 12° 9 | 7 궁 3 | 27 米 21 | 20중 3 | 21≈ 6 | 22°26 | 23° 7 | 8 조 18 | F 2 |
| S 3 | 18 47 39 | 12°43'54 | 23°12 | 13°32 | 26°15 | 3°46 | 21° 1 | 12°11 | 7° 0 | 27°21 | 20° 1 | 21° 1 | 22°22 | 23°14 | 8°14 | S 3 |
| S 4 | 18 51 36 | 13°41'21 | 6 ₹ 150 | 15°44 | 26°59 | 4°28 | 21°13 | 12°12 | 6°58 | 27°21 | 20° 0 | 20°56 | 22°19 | 23°21 | 8°10 | S 4 |
| M 5 | 18 55 32 | 14°38'47 | 20°15 | 17°56 | 27°42 | 5°11 | 21°24 | 12°14 | 6°55 | 27°21 | 19°58 | 20°50 | 22°16 | 23°27 | 8° 6 | M 5 |
| T 6 | 18 59 29 | 15°36'12 | 3 る 27 | 20° 7 | 28°24 | 5°53 | 21°36 | 12°16 | 6°53 | 27°20 | 19°57 | 20°45 | 22°13 | 23°34 | 8° 2 | T 6 |
| W 7 | 19 3 26 | 16°33'36 | 16°23 | 22°17 | 29° 5 | 6°35 | 21°48 | 12°17 | 6°51 | 27°20 | 19°55 | 20°40 | 22°10 | 23°41 | 7°58 | W 7 |
| T 8 | 19 7 22 | 17°31'00 | 29° 4 | 24°25 | 29°45 | 7°17 | 22° 0 | 12°19 | 6°48 | 27°20 | 19°53 | 20°37 | 22° 6 | 23°47 | 7°54 | T 8 |
| F 9 | 19 11 19 | 18°28'22 | 11 ≈ 30 | 26°33 | 0 m 23 | 7°59 | 22°12 | 12°20 | 6°46 | 27°20 | 19°52 | 20°35 | 22° 3 | 23°54 | 7°50 | F 9 |
| S 10 | 19 15 15 | 19°25'45 | 23°42 | 28°39 | 1° 1 | 8°41 | 22°24 | 12°22 | 6°43 | 27°19 | 19°50 | 20°D34 | 22° 0 | 24° 1 | 7°46 | S 10 |
| S 11 | 19 19 12 | 20°23'06 | 5) 44 | 0 Ω 43 | 1°37 | 9°23 | 22°37 | 12°23 | 6°41 | 27°19 | 19°49 | 20°35 | 21°57 | 24° 7 | 7°42 | S 11 |
| M12 | 19 23 8 | 21°20'28 | 17°37 | 2°45 | 2°12 | 10° 5 | 22°49 | 12°24 | 6°39 | 27°18 | 19°47 | 20°37 | 21°54 | 24°14 | 7°38 | M12 |
| T 13 | 19 27 5 | 22°17'48 | 29°27 | 4°46 | 2°46 | 10°47 | 23° 1 | 12°25 | 6°36 | 27°18 | 19°46 | 20°39 | 21°51 | 24°21 | 7°34 | T 13 |
| W14 | 19 31 2 | 23°15'09 | 11 Y 18 | 6°44 | 3°19 | 11°29 | 23°13 | 12°26 | 6°34 | 27°18 | 19°44 | 20°40 | 21°47 | 24°27 | 7°30 | W14 |
| T 15 | 19 34 58 | 24°12'30 | 23°15 | 8°40 | 3°50 | 12°11 | 23°26 | 12°27 | 6°31 | 27°17 | 19°42 | 20°R40 | 21°44 | 24°34 | 7°26 | T 15 |
| F 16 | 19 38 55 | 25° 9'50 | 5 8 21 | 10°34 | 4°20 | 12°53 | 23°38 | 12°27 | 6°29 | 27°17 | 19°41 | 20°40 | 21°41 | 24°41 | 7°22 | F 16 |
| S 17 | 19 42 51 | 26° 7'10 | 17°43 | 12°26 | 4°48 | 13°34 | 23°51 | 12°28 | 6°27 | 27°16 | 19°39 | 20°39 | 21°38 | 24°47 | 7°18 | S 17 |
| S 18 | 19 46 48 | 27° 4'30 | 0 Ⅲ 24 | 14°16 | 5°14 | 14°16 | 24° 3 | 12°28 | 6°25 | 27°15 | 19°38 | 20°36 | 21°35 | 24°54 | 7°15 | S 18 |
| M19 | 19 50 44 | 28° 1'50 | 13°27 | 16° 4 | 5°39 | 14°58 | 24°16 | 12°29 | 6°22 | 27°15 | 19°36 | 20°33 | 21°32 | 25° 1 | 7°11 | M19 |
| T 20 | 19 54 41 | 28°59'10 | 26°53 | 17°49 | 6° 3 | 15°39 | 24°28 | 12°29 | 6°20 | 27°14 | 19°35 | 20°30 | 21°28 | 25° 7 | 7° 7 | T 20 |
| W21 | 19 58 37 | 29°56'29 | 109542 | 19°32 | 6°24 | 16°21 | 24°41 | 12°29 | 6°18 | 27°13 | 19°33 | 20°27 | 21°25 | 25°14 | 7° 4 | W21 |
| T 22 | 20 2 34 | 0 Ω 53'49 | 24°52 | 21°13 | 6°44 | 17° 2 | 24°54 | 12°30 | 6°16 | 27°13 | 19°32 | 20°25 | 21°22 | 25°21 | 7° 0 | T 22 |
| F 23 | 20 6 31 | 1°51'08 | 9Ω18 | 22°52 | 7° 2 | 17°43 | 25° 6 | 12°R30 | 6°13 | 27°12 | 19°30 | 20°24 | 21°19 | 25°27 | 6°56 | F 23 |
| S 24 | 20 10 27 | 2°48'27 | 23°55 | 24°28 | 7°18 | 18°25 | 25°19 | 12°29 | 6°11 | 27°11 | 19°29 | 20°D24 | 21°16 | 25°34 | 6°53 | S 24 |
| S 25 | 20 14 24 | 3°45'45 | 8 m /36 | 26° 3 | 7°32 | 19° 6 | 25°32 | 12°29 | 6° 9 | 27°10 | 19°27 | 20°24 | 21°12 | 25°41 | 6°49 | S 25 |
| M26 | 20 18 20 | 4°43'03 | 23°16 | 27°35 | 7°44 | 19°47 | 25°45 | 12°29 | 6° 7 | 27°10 | 19°26 | 20°25 | 21° 9 | 25°47 | 6°46 | M26 |
| T 27 | 20 22 17 | 5°40'21 | 7 ≏ 48 | 29° 4 | 7°54 | 20°28 | 25°58 | 12°29 | 6° 5 | 27° 9 | 19°24 | 20°26 | 21° 6 | 25°54 | 6°43 | T 27 |
| W28 | 20 26 13 | 6°37'38 | 22° 8 | 0 m 31 | 8° 2 | 21°10 | 26°10 | 12°28 | 6° 3 | 27° 8 | 19°23 | 20°27 | 21° 3 | 26° 1 | 6°39 | W28 |
| T 29 | 20 30 10 | 7°34'55 | 6 M .15 | 1°56 | 8° 8 | 21°51 | 26°23 | 12°27 | 6° 1 | 27° 7 | 19°21 | 20°R27 | 21° 0 | 26° 7 | 6°36 | T 29 |
| F 30 | 20 34 6 | 8°32'12 | 20° 6 | 3°19 | 8°11 | 22°32 | 26°36 | 12°27 | 5°59 | 27° 6 | 19°20 | 20°27 | 20°57 | 26°14 | 6°33 | F 30 |
| S 31 | 20 38 3 | 9 Ω 29'28 | 3 , 7⁴40 | 4 m /39 | 8°R12 | 23913 | 26 Ω 49 | 12 Y 26 | 5 る 57 | 27 米 5 | 19 궁 18 | 20≈26 | 20≈53 | 26 米 21 | 6 ප 30 | S 31 |

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| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)f(| 卉 | В | ₽. | v | Ç | , k | Day |
| S 1 | 20 42 0 | 10 Ω 26'44 | 16 ₹ 59 | 5 m 57 | 8°R11 | 239554 | 27 N 2 | 12°R25 | 5°R55 | 27°R 4 | 19°R17 | 20°R25 | 20≈50 | 26) 27 | 6°R27 | S 1 |
| M 2 | 20 45 56 | 11°24'01 | 0중 2 | 7°12 | 8Mp 7 | 24°34 | 27°15 | 12 Y 24 | 5 ⋜ 53 | 27 ∺ 3 | 19 ਰ 16 | 20≈24 | 20°47 | 26°34 | 6 ප 24 | M 2 |
| T 3 | 20 49 53 | 12°21'16 | 12°51 | 8°25 | 8° 1 | 25°15 | 27°28 | 12°23 | 5°52 | 27° 2 | 19°14 | 20°23 | 20°44 | 26°41 | 6°21 | T 3 |
| W 4 | 20 53 49 | 13°18'32 | 25°27 | 9°35 | 7°52 | 25°56 | 27°41 | 12°22 | 5°50 | 27° 1 | 19°13 | 20°22 | 20°41 | 26°47 | 6°18 | W 4 |
| T 5 | 20 57 46 | 14°15'48 | 7≈50 | 10°43 | 7°42 | 26°37 | 27°54 | 12°21 | 5°48 | 27° 0 | 19°11 | 20°22 | 20°38 | 26°54 | 6°16 | T 5 |
| F 6 | 21 1 42 | 15°13'04 | 20° 3 | 11°47 | 7°28 | 27°18 | 28° 8 | 12°19 | 5°46 | 26°59 | 19°10 | 20°D22 | 20°34 | 27° 1 | 6°13 | F 6 |
| S 7 | 21 5 39 | 16°10'20 | 2 ∺ 6 | 12°49 | 7°13 | 27°58 | 28°21 | 12°18 | 5°45 | 26°58 | 19° 9 | 20°22 | 20°31 | 27° 7 | 6°10 | S 7 |
| S 8 | 21 9 35 | 17° 7'37 | 14° 2 | 13°48 | 6°55 | 28°39 | 28°34 | 12°16 | 5°43 | 26°57 | 19° 7 | 20°22 | 20°28 | 27°14 | 6° 8 | S 8 |
| M 9 | 21 13 32 | 18° 4'54 | 25°54 | 14°44 | 6°34 | 29°19 | 28°47 | 12°15 | 5°41 | 26°55 | 19° 6 | 20°22 | 20°25 | 27°21 | 6° 5 | M 9 |
| T 10 | 21 17 29 | 19° 2'11 | 7 Υ 43 | 15°36 | 6°12 | 29°59 | 29° 0 | 12°13 | 5°40 | 26°54 | 19° 5 | 20°22 | 20°22 | 27°27 | 6° 3 | T 10 |
| W11 | 21 21 25 | 19°59'29 | 19°34 | 16°26 | 5°47 | 0 Ω 40 | 29°13 | 12°11 | 5°38 | 26°53 | 19° 3 | 20°R23 | 20°18 | 27°34 | 6° 0 | W11 |
| T 12 | 21 25 22 | 20°56'47 | 1831 | 17°12 | 5°21 | 1°21 | 29°26 | 12° 9 | 5°37 | 26°52 | 19° 2 | 20°23 | 20°15 | 27°41 | 5°58 | T 12 |
| F 13 | 21 29 18 | 21°54'07 | 13°37 | 17°54 | 4°52 | 2° 1 | 29°40 | 12° 7 | 5°35 | 26°51 | 19° 1 | 20°22 | 20°12 | 27°47 | 5°56 | F 13 |
| S 14 | 21 33 15 | 22°51'26 | 25°57 | 18°33 | 4°22 | 2°41 | 29°53 | 12° 5 | 5°34 | 26°49 | 19° 0 | 20°D22 | 20° 9 | 27°54 | 5°54 | S 14 |
| S 15 | 21 37 11 | 23°48'47 | 8 Ⅲ 35 | 19° 7 | 3°50 | 3°22 | 0Mp 6 | 12° 3 | 5°32 | 26°48 | 18°58 | 20°23 | 20° 6 | 28° 1 | 5°52 | S 15 |
| M16 | 21 41 8 | 24°46'08 | 21°35 | 19°38 | 3°17 | 4° 2 | 0°19 | 12° 1 | 5°31 | 26°47 | 18°57 | 20°23 | 20° 3 | 28° 7 | 5°50 | M16 |
| T 17 | 21 45 4 | 25°43'31 | 599 0 | 20° 5 | 2°42 | 4°42 | 0°33 | 11°58 | 5°30 | 26°45 | 18°56 | 20°23 | 19°59 | 28°14 | 5°48 | T 17 |
| W18 | 21 49 1 | 26°40'54 | 18°51 | 20°27 | 2° 7 | 5°22 | 0°46 | 11°56 | 5°28 | 26°44 | 18°55 | 20°24 | 19°56 | 28°21 | 5°46 | W18 |
| T 19 | 21 52 58 | 27°38'17 | 3 Ω 7 | 20°45 | 1°30 | 6° 2 | 0°59 | 11°53 | 5°27 | 26°43 | 18°54 | 20°24 | 19°53 | 28°28 | 5°45 | T 19 |
| F 20 | 21 56 54 | 28°35'42 | 17°45 | 20°58 | 0°53 | 6°42 | 1°12 | 11°51 | 5°26 | 26°41 | 18°53 | 20°R25 | 19°50 | 28°34 | 5°43 | F 20 |
| S 21 | 22 0 51 | 29°33'07 | 2 m 39 | 21° 6 | 0°16 | 7°22 | 1°26 | 11°48 | 5°25 | 26°40 | 18°52 | 20°24 | 19°47 | 28°41 | 5°42 | S 21 |
| S 22 | 22 4 47 | 0 m y 30'33 | 17°41 | 21°R 9 | 29⋒39 | 8° 2 | 1°39 | 11°45 | 5°24 | 26°38 | 18°50 | 20°24 | 19°44 | 28°48 | 5°40 | S 22 |
| M23 | 22 8 44 | 1°27'59 | 2 ≏ 43 | 21° 7 | 29° 1 | 8°42 | 1°52 | 11°42 | 5°23 | 26°37 | 18°49 | 20°23 | 19°40 | 28°54 | 5°39 | M23 |
| T 24 | 22 12 40 | 2°25'26 | 17°37 | 21° 0 | 28°24 | 9°22 | 2° 5 | 11°39 | 5°22 | 26°36 | 18°48 | 20°21 | 19°37 | 29° 1 | 5°37 | T 24 |
| W25 | 22 16 37 | 3°22'53 | 2 m .14 | 20°47 | 27°48 | 10° 2 | 2°19 | 11°36 | 5°21 | 26°34 | 18°47 | 20°20 | 19°34 | 29° 8 | 5°36 | W25 |
| T 26 | 22 20 33 | 4°20'21 | 16°31 | 20°30 | 27°12 | 10°41 | 2°32 | 11°33 | 5°20 | 26°33 | 18°46 | 20°19 | 19°31 | 29°14 | 5°35 | T 26 |
| F 27 | 22 24 30 | 5°17'49 | 0 ∡ ⁷ 25 | 20° 7 | 26°37 | 11°21 | 2°45 | 11°30 | 5°19 | 26°31 | 18°45 | 20°D18 | 19°28 | 29°21 | 5°34 | F 27 |
| S 28 | 22 28 27 | 6°15'18 | 13°55 | 19°40 | 26° 4 | 12° 1 | 2°58 | 11°27 | 5°18 | 26°30 | 18°45 | 20°18 | 19°24 | 29°28 | 5°33 | S 28 |
| S 29 | 22 32 23 | 7°12'48 | 27° 4 | 19°8 | 25°32 | 12°40 | 3°12 | 11°23 | 5°18 | 26°28 | 18°44 | 20°19 | 19°21 | 29°34 | 5°32 | S 29 |
| M30 | 22 36 20 | 8°10'18 | 9 云 53 | 18°32 | 25° 2 | 13°20 | 3°25 | 11°20 | <u>5°</u> 17 | 26°27 | 1 <u>8</u> °43 | 20°20 | 19°18 | 29°41 | <u>5°32</u> | M30 |
| T 31 | 22 40 16 | 9 m) 7'49 | 22 궁 26 | 17 m 52 | 24 Ω 33 | 13 N 59 | 3 Mp 38 | 11 Y 17 | 5 궁 16 | 26 ∺ 25 | 18 궁 42 | 20≈22 | 19≈15 | 29) (48 | 5 る 31 | T 31 |

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|------|----------|------------------|-----------------|----------------|----------------|-----------------|---------|---------------|---------------|----------------|----------------|--------|----------------|----------------|---------------|------|
| W 1 | 22 44 13 | 10 m 5'21 | 4≈46 | 17°R 8 | 24°R 6 | 14 Ω 39 | 3 Mp 51 | 11°R13 | 5°R16 | 26°R23 | 18°R41 | 20≈23 | 19 ≈ 12 | 29 米 54 | 5°R31 | W 1 |
| T 2 | 22 48 9 | 11° 2'53 | 16°55 | 16 M 22 | 23 Ω 42 | 15°18 | 4° 5 | 11 Υ 9 | 5 궁 15 | 26 ∺ 22 | 18 る 40 | 20°R24 | 19° 9 | 0 Υ 1 | 5 云 30 | T 2 |
| F 3 | 22 52 6 | 12° 0'27 | 28°56 | 15°34 | 23°19 | 15°58 | 4°18 | 11° 6 | 5°15 | 26°20 | 18°39 | 20°24 | 19° 5 | 0° 8 | 5°30 | F 3 |
| S 4 | 22 56 2 | 12°58'01 | 10 米 51 | 14°45 | 22°59 | 16°37 | 4°31 | 11° 2 | 5°14 | 26°19 | 18°39 | 20°22 | 19° 2 | 0°14 | 5°29 | S 4 |
| S 5 | 22 59 59 | 13°55'36 | 22°42 | 13°56 | 22°40 | 17°16 | 4°44 | 10°58 | 5°14 | 26°17 | 18°38 | 20°20 | 18°59 | 0°21 | 5°29 | S 5 |
| M 6 | 23 3 56 | 14°53'12 | 4 Υ 32 | 13° 8 | 22°25 | 17°56 | 4°57 | 10°55 | 5°13 | 26°16 | 18°37 | 20°16 | 18°56 | 0°28 | 5°29 | M 6 |
| T 7 | 23 7 52 | 15°50'50 | 16°23 | 12°21 | 22°11 | 18°35 | 5°10 | 10°51 | 5°13 | 26°14 | 18°37 | 20°12 | 18°53 | 0°34 | 5°D29 | T 7 |
| W 8 | 23 11 49 | 16°48'29 | 28°16 | 11°37 | 22° 0 | 19°14 | 5°24 | 10°47 | 5°13 | 26°12 | 18°36 | 20° 8 | 18°50 | 0°41 | 5°29 | W 8 |
| T 9 | 23 15 45 | 17°46'09 | 10814 | 10°57 | 21°52 | 19°53 | 5°37 | 10°43 | 5°13 | 26°11 | 18°35 | 20° 4 | 18°46 | 0°48 | 5°29 | T 9 |
| F 10 | 23 19 42 | 18°43'51 | 22°22 | 10°21 | 21°46 | 20°32 | 5°50 | 10°39 | 5°12 | 26° 9 | 18°35 | 20° 0 | 18°43 | 0°54 | 5°30 | F 10 |
| S 11 | 23 23 38 | 19°41'34 | 4 ∏ 41 | 9°50 | 21°42 | 21°11 | 6° 3 | 10°35 | 5°12 | 26° 7 | 18°34 | 19°58 | 18°40 | 1° 1 | 5°30 | S 11 |
| S 12 | 23 27 35 | 20°39'18 | 17°16 | 9°26 | 21°D41 | 21°50 | 6°16 | 10°30 | 5°12 | 26° 6 | 18°34 | 19°D57 | 18°37 | 1° 8 | 5°31 | S 12 |
| M13 | 23 31 31 | 21°37'05 | 09୍ତୀ 1 | 9° 8 | 21°42 | 22°29 | 6°29 | 10°26 | 5°D12 | 26° 4 | 18°33 | 19°57 | 18°34 | 1°14 | 5°31 | M13 |
| T 14 | 23 35 28 | 22°34'53 | 13°29 | 8°57 | 21°45 | 23° 8 | 6°42 | 10°22 | 5°12 | 26° 3 | 18°33 | 19°58 | 18°30 | 1°21 | 5°32 | T 14 |
| W15 | 23 39 25 | 23°32'42 | 27°13 | 8°D53 | 21°51 | 23°47 | 6°55 | 10°18 | 5°12 | 26° 1 | 18°32 | 20° 0 | 18°27 | 1°28 | 5°32 | W15 |
| T 16 | 23 43 21 | 24°30'33 | 11 \O 23 | 8°58 | 21°59 | 24°26 | 7° 8 | 10°14 | 5°13 | 25°59 | 18°32 | 20° 1 | 18°24 | 1°35 | 5°33 | T 16 |
| F 17 | 23 47 18 | 25°28'25 | 25°59 | 9°10 | 22° 9 | 25° 4 | 7°21 | 10° 9 | 5°13 | 25°58 | 18°31 | 20°R 1 | 18°21 | 1°41 | 5°34 | F 17 |
| S 18 | 23 51 14 | 26°26'19 | 10 m 56 | 9°30 | 22°21 | 25°43 | 7°34 | 10° 5 | 5°13 | 25°56 | 18°31 | 19°59 | 18°18 | 1°48 | 5°35 | S 18 |
| S 19 | 23 55 11 | 27°24'15 | 26° 7 | 9°58 | 22°35 | 26°22 | 7°46 | 10° 0 | 5°13 | 25°54 | 18°31 | 19°56 | 18°15 | 1°55 | 5°36 | S 19 |
| M20 | 23 59 7 | 28°22'12 | 11 ≏ 22 | 10°34 | 22°51 | 27° 0 | 7°59 | 9°56 | 5°14 | 25°53 | 18°31 | 19°51 | 18°11 | 2° 1 | 5°37 | M20 |
| T 21 | 0 3 4 | 29°20'10 | 26°32 | 11°17 | 23° 9 | 27°39 | 8°12 | 9°52 | 5°14 | 25°51 | 18°30 | 19°46 | 18° 8 | 2° 8 | 5°39 | T 21 |
| W22 | 0 7 0 | 0 ჲ 18'10 | 11 M 25 | 12° 8 | 23°29 | 28°18 | 8°25 | 9°47 | 5°15 | 25°49 | 18°30 | 19°40 | 18° 5 | 2°15 | 5°40 | W22 |
| T 23 | 0 10 57 | 1°16'11 | 25°55 | 13° 7 | 23°50 | 28°56 | 8°37 | 9°43 | 5°15 | 25°48 | 18°30 | 19°35 | 18° 2 | 2°21 | 5°42 | T 23 |
| F 24 | 0 14 53 | 2°14'13 | 9 ₹ 58 | 14°12 | 24°14 | 29°35 | 8°50 | 9°38 | 5°16 | 25°46 | 18°30 | 19°31 | 17°59 | 2°28 | 5°43 | F 24 |
| S 25 | 0 18 50 | 3°12'16 | 23°32 | 15°24 | 24°39 | 0 m) 13 | 9° 3 | 9°34 | 5°16 | 25°44 | 18°30 | 19°29 | 17°55 | 2°35 | 5°45 | S 25 |
| S 26 | 0 22 47 | 4°10'21 | 6 ප 40 | 16°41 | 25° 6 | 0°51 | 9°15 | 9°29 | 5°17 | 25°43 | 18°29 | 19°D29 | 17°52 | 2°41 | 5°47 | S 26 |
| M27 | 0 26 43 | 5° 8'27 | 19°24 | 18° 5 | 25°34 | 1°30 | 9°28 | 9°24 | 5°18 | 25°41 | 18°29 | 19°29 | 17°49 | 2°48 | 5°48 | M27 |
| T 28 | 0 30 40 | 6° 6'35 | 1≈49 | 19°33 | 26° 4 | 2° 8 | 9°40 | 9°20 | 5°18 | 25°40 | 18°29 | 19°31 | 17°46 | 2°55 | 5°50 | T 28 |
| W29 | 0 34 36 | 7° 4'43 | 14° 0 | 21° 7 | 26°35 | 2°46 | 9°53 | 9°15 | 5°19 | 25°38 | 18°D29 | 19°R32 | 17°43 | 3° 1 | 5°52 | W29 |
| T 30 | 0 38 33 | 8 ₾ 2'53 | 26≈ 0 | 22 Mp 44 | 27 N 8 | 3 Mp 24 | 10 Mp 5 | 9 Υ 11 | 5 る 20 | 25 米 36 | 18 る 29 | 19≈32 | 17 ≈ 40 | 3 Υ 8 | 5 る 54 | T 30 |

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| F 1 | 0 42 29 | 9 ₾ 1'05 | 7 ₩53 | 24 M 25 | 27 Ω 42 | 4 M 2 | 10 m 18 | 9°R 6 | 5 云 21 | 25°R35 | 18 궁 29 | 19°R30 | 17 ≈ 36 | 3 Υ 15 | 5 云 57 | F 1 |
| S 2 | 0 46 26 | 9°59'18 | 19°43 | 26° 8 | 28°17 | 4°40 | 10°30 | 9Υ 2 | 5°22 | 25) 33 | 18°29 | 19 ≈ 26 | 17°33 | 3°21 | 5°59 | S 2 |
| S 3 | 0 50 22 | 10°57'32 | 1 Y 33 | 27°55 | 28°54 | 5°18 | 10°42 | 8°57 | 5°23 | 25°32 | 18°30 | 19°19 | 17°30 | 3°28 | 6° 1 | S 3 |
| M 4 | 0 54 19 | 11°55'48 | 13°24 | 29°43 | 29°32 | 5°56 | 10°54 | 8°52 | 5°24 | 25°30 | 18°30 | 19°11 | 17°27 | 3°35 | 6° 4 | M 4 |
| T 5 | 0 58 16 | 12°54'06 | 25°18 | 1 ≏ 33 | 0 m p 1 1 | 6°34 | 11° 7 | 8°48 | 5°25 | 25°29 | 18°30 | 19° 1 | 17°24 | 3°41 | 6° 6 | T 5 |
| W 6 | 1 2 12 | 13°52'26 | 7817 | 3°25 | 0°51 | 7°12 | 11°19 | 8°43 | 5°26 | 25°27 | 18°30 | 18°51 | 17°21 | 3°48 | 6° 9 | W 6 |
| T 7 | 1 6 9 | 14°50'48 | 19°23 | 5°17 | 1°32 | 7°50 | 11°31 | 8°39 | 5°28 | 25°25 | 18°30 | 18°40 | 17°17 | 3°55 | 6°11 | T 7 |
| F 8 | 1 10 5 | 15°49'11 | 1 Ⅱ 36 | 7° 9 | 2°15 | 8°28 | 11°43 | 8°34 | 5°29 | 25°24 | 18°31 | 18°32 | 17°14 | 4° 2 | 6°14 | F 8 |
| S 9 | 1 14 2 | 16°47'37 | 14° 0 | 9° 2 | 2°58 | 9° 6 | 11°55 | 8°30 | 5°30 | 25°22 | 18°31 | 18°25 | 17°11 | 4° 8 | 6°17 | S 9 |
| S 10 | 1 17 58 | 17°46'04 | 26°37 | 10°55 | 3°42 | 9°43 | 12° 7 | 8°25 | 5°32 | 25°21 | 18°31 | 18°20 | 17° 8 | 4°15 | 6°20 | S 10 |
| M11 | 1 21 55 | 18°44'34 | 9930 | 12°48 | 4°28 | 10°21 | 12°19 | 8°21 | 5°33 | 25°19 | 18°32 | 18°18 | 17° 5 | 4°22 | 6°23 | M11 |
| T 12 | 1 25 51 | 19°43'06 | 22°42 | 14°41 | 5°14 | 10°59 | 12°30 | 8°16 | 5°35 | 25°18 | 18°32 | 18°D18 | 17° 1 | 4°28 | 6°26 | T 12 |
| W13 | 1 29 48 | 20°41'40 | 6 Ω 16 | 16°33 | 6° 1 | 11°36 | 12°42 | 8°12 | 5°36 | 25°17 | 18°32 | 18°18 | 16°58 | 4°35 | 6°29 | W13 |
| T 14 | 1 33 45 | 21°40'16 | 20°15 | 18°24 | 6°49 | 12°14 | 12°54 | 8° 7 | 5°38 | 25°15 | 18°33 | 18°R18 | 16°55 | 4°42 | 6°32 | T 14 |
| F 15 | 1 37 41 | 22°38'54 | 4 Mp 38 | 20°15 | 7°38 | 12°51 | 13° 5 | 8° 3 | 5°39 | 25°14 | 18°33 | 18°17 | 16°52 | 4°48 | 6°36 | F 15 |
| S 16 | 1 41 38 | 23°37'34 | 19°24 | 22° 5 | 8°27 | 13°29 | 13°17 | 7°59 | 5°41 | 25°12 | 18°34 | 18°14 | 16°49 | 4°55 | 6°39 | S 16 |
| S 17 | 1 45 34 | 24°36'16 | 4 ≏ 27 | 23°55 | 9°18 | 14° 6 | 13°28 | 7°54 | 5°43 | 25°11 | 18°35 | 18° 8 | 16°46 | 5° 2 | 6°43 | S 17 |
| M18 | 1 49 31 | 25°35'00 | 19°40 | 25°43 | 10° 9 | 14°43 | 13°40 | 7°50 | 5°44 | 25°10 | 18°35 | 18° 0 | 16°42 | 5° 8 | 6°46 | M18 |
| T 19 | 1 53 27 | 26°33'46 | 4 M .51 | 27°31 | 11° 1 | 15°21 | 13°51 | 7°46 | 5°46 | 25° 8 | 18°36 | 17°50 | 16°39 | 5°15 | 6°50 | T 19 |
| W20 | 1 57 24 | 27°32'34 | 19°50 | 29°18 | 11°53 | 15°58 | 14° 2 | 7°42 | 5°48 | 25° 7 | 18°36 | 17°40 | 16°36 | 5°22 | 6°54 | W20 |
| T 21 | 2 1 20 | 28°31'24 | 4 ₹ 28 | 1 m 3 | 12°46 | 16°35 | 14°13 | 7°38 | 5°50 | 25° 6 | 18°37 | 17°30 | 16°33 | 5°28 | 6°57 | T 21 |
| F 22 | 2 5 17 | 29°30'16 | 18°39 | 2°48 | 13°40 | 17°12 | 14°24 | 7°34 | 5°52 | 25° 4 | 18°38 | 17°22 | 16°30 | 5°35 | 7° 1 | F 22 |
| S 23 | 2 9 14 | 0M29'09 | 2 ප් 20 | 4°32 | 14°34 | 17°49 | 14°35 | 7°29 | 5°54 | 25° 3 | 18°39 | 17°17 | 16°27 | 5°42 | 7° 5 | S 23 |
| S 24 | 2 13 10 | 1°28'04 | 15°32 | 6°16 | 15°29 | 18°27 | 14°46 | 7°25 | 5°56 | 25° 2 | 18°39 | 17°14 | 16°23 | 5°49 | 7° 9 | S 24 |
| M25 | 2 17 7 | 2°27'01 | 28°18 | 7°58 | 16°25 | 19° 4 | 14°57 | 7°22 | 5°58 | 25° 1 | 18°40 | 17°D13 | 16°20 | 5°55 | 7°13 | M25 |
| T 26 | 2 21 3 | 3°25'59 | 10≈43 | 9°39 | 17°21 | 19°40 | 15° 8 | 7°18 | 6° 0 | 24°59 | 18°41 | 17°R13 | 16°17 | 6° 2 | 7°18 | T 26 |
| W27 | 2 25 0 | 4°24'59 | 22°51 | 11°20 | 18°17 | 20°17 | 15°19 | 7°14 | 6° 2 | 24°58 | 18°42 | 17°13 | 16°14 | 6° 9 | 7°22 | W27 |
| T 28 | 2 28 56 | 5°24'00 | 4) (47 | 13° 0 | 19°14 | 20°54 | 15°29 | 7°10 | 6° 4 | 24°57 | 18°43 | 17°12 | 16°11 | 6°15 | 7°26 | T 28 |
| F 29 | 2 32 53 | 6°23'03 | 16°38 | 14°39 | 20°12 | 21°31 | 15°40 | 7° 6 | 6° 7 | 24°56 | 18°44 | 17° 9 | 16° 7 | 6°22 | 7°30 | F 29 |
| S 30 | 2 36 49 | 7°22'08 | 28°27 | 16°17 | 21°10 | 22° 8 | 15°50 | 7° 3 | 6° 9 | 24°55 | 18°45 | 17° 3 | 16° 4 | 6°29 | 7°35 | S 30 |
| S 31 | 2 40 46 | 8ML21'15 | 10 Y 17 | 17 M 54 | 22 m) 9 | 22 M 44 | 16 M) 0 | 6 Ƴ 59 | 6 ට 11 | 24) 54 | 18 ප් 46 | 16≈54 | 16≈ 1 | 6 Ƴ 35 | 7 云 39 | S 31 |

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| M 1 | 2 44 43 | 9M20'24 | 22 Y 12 | 19 M .30 | 23 Mp 8 | 23 Mp 21 | 16 M)11 | 6°R56 | 6 ට 14 | 24°R53 | 18 る 47 | 16°R42 | 15≈58 | 6 Υ 42 | 7 云 44 | M 1 |
| T 2 | 2 48 39 | 10°19'34 | 4813 | 21° 6 | 24° 7 | 23°58 | 16°21 | 6 Y 52 | 6°16 | 24 米 52 | 18°48 | 16 ≈ 29 | 15°55 | 6°49 | 7°49 | T 2 |
| W 3 | 2 52 36 | 11°18'47 | 16°22 | 22°41 | 25° 7 | 24°34 | 16°31 | 6°49 | 6°19 | 24°51 | 18°49 | 16°15 | 15°52 | 6°55 | 7°53 | W 3 |
| T 4 | 2 56 32 | 12°18'01 | 28°39 | 24°16 | 26° 7 | 25°11 | 16°41 | 6°46 | 6°21 | 24°50 | 18°50 | 16° 1 | 15°48 | 7° 2 | 7°58 | T 4 |
| F 5 | 3 0 29 | 13°17'18 | 11 I 6 | 25°49 | 27° 8 | 25°47 | 16°50 | 6°42 | 6°24 | 24°49 | 18°51 | 15°49 | 15°45 | 7° 9 | 8° 3 | F 5 |
| S 6 | 3 4 25 | 14°16'36 | 23°42 | 27°22 | 28° 9 | 26°23 | 17° 0 | 6°39 | 6°26 | 24°48 | 18°52 | 15°39 | 15°42 | 7°16 | 8° 8 | S 6 |
| S 7 | 3 8 22 | 15°15'57 | 6939 | 28°55 | 29°11 | 27° 0 | 17°10 | 6°36 | 6°29 | 24°47 | 18°53 | 15°32 | 15°39 | 7°22 | 8°13 | S 7 |
| M 8 | 3 12 18 | 16°15'20 | 19°28 | 0 ₮ 26 | 0 ჲ 13 | 27°36 | 17°19 | 6°33 | 6°31 | 24°46 | 18°55 | 15°28 | 15°36 | 7°29 | 8°18 | M 8 |
| T 9 | 3 16 15 | 17°14'45 | 2 Ω 42 | 1°57 | 1°15 | 28°12 | 17°29 | 6°30 | 6°34 | 24°45 | 18°56 | 15°26 | 15°33 | 7°36 | 8°23 | T 9 |
| W10 | 3 20 12 | 18°14'13 | 16°12 | 3°28 | 2°18 | 28°48 | 17°38 | 6°27 | 6°37 | 24°44 | 18°57 | 15°26 | 15°29 | 7°42 | 8°28 | W10 |
| T 11 | 3 24 8 | 19°13'42 | 0 Mp 2 | 4°57 | 3°21 | 29°25 | 17°47 | 6°25 | 6°40 | 24°43 | 18°58 | 15°26 | 15°26 | 7°49 | 8°33 | T 11 |
| F 12 | 3 28 5 | 20°13'14 | 14°11 | 6°26 | 4°24 | 0 <u>요</u> 1 | 17°56 | 6°22 | 6°42 | 24°43 | 19° 0 | 15°25 | 15°23 | 7°56 8° 2 | 8°38 | F 12 |
| S 13 | 3 32 1 | 21°12'48 | 28°38 | 7°54 | 5°28 | 0°37 | 18° 5 | 6°19 | 6°45 | 24°42 | 19° 1 | 15°21 | 15°20 | _ | 8°44 | S 13 |
| S 14 | 3 35 58 | 22°12'24 | 13 ≏ 22 | 9°22 | 6°32 | 1°13 | 18°14 | 6°17 | 6°48 | 24°41 | 19° 2 | 15°14 | 15°17 | 8° 9 | 8°49 | S 14 |
| M15 | 3 39 54 | 23°12'03 | 28°16 | 10°49 | 7°36 | 1°48 | 18°23 | 6°14 | 6°51 | 24°40 | 19° 4 | 15° 5 | 15°13 | 8°16 | 8°54 | M15 |
| T 16 | 3 43 51 | 24°11'43 | 13 M .12 | 12°15 | 8°41 | 2°24 | 18°32 | 6°12 | 6°54 | 24°40 | 19° 5 | 14°54 | 15°10 | 8°22 | 9° 0 | T 16 |
| W17 | 3 47 47 | 25°11'26 | 28° 1 | 13°41 | 9°46 | 3° 0 | 18°40 | 6°10 | 6°57 | 24°39 | 19° 7 | 14°43 | 15° 7 | 8°29 | 9° 5 | W17 |
| T 18 F 19 | 3 51 44 | 26°11'10 | 12×733 | 15° 6 | 10°51 | 3°36 | 18°48 | 6° 8 6° 6 | 7° 0 7° 3 | 24°39 24°38 | 19° 8 | 14°32 14°22 | 15° 4 | 8°36 8°43 | 9°11 9°16 | T 18 F 19 |
| S 20 | 3 55 41 3 59 37 | 27°10'57 28°10'45 | 26°43 10 ♂ 26 | 16°30 17°53 | 11°56 13° 2 | 4°11 4°47 | 18°57 19°5 | 6° 4 | 7° 6 | 24°38 | 19°10 19°11 | 14°22 14°16 | 15° 1 14°58 | 8°49 | 9°16 | S 20 |
| | | | | | | | | | , - | | - | | | | - | |
| S 21 | 4 3 34 | 29°10'34 | 23°42 | 19°15 | 14° 8 | 5°22 | 19°13 | 6° 2 | 7° 9 | 24°37 | 19°13 | 14°12 | 14°54 | 8°56 | 9°28 | S 21 |
| M22 | 4 7 30 | 0 ∡ 10′26 | 6 ≈ 31 | 20°37 | 15°14 | 5°58 | 19°21 | 6° 0 | 7°12 | 24°37 | 19°14 | 14°10 | 14°51 | 9° 3 | 9°34 | M22 |
| T 23 | 4 11 27 | 1°10'18 | 18°59 | 21°57 | 16°20 | 6°33 | 19°28 | 5°59 | 7°15 | 24°36 | 19°16 | 14°D10 | 14°48 | 9° 9 | 9°39 | T 23 |
| W24 | 4 15 23 | 2°10'13 | 1 米 9 | 23°17 | 17°27 | 7° 9 | 19°36 | 5°57 | 7°18 | 24°36 | 19°17 | 14°R10 | 14°45 | 9°16 | 9°45 | W24 |
| T 25 | 4 19 20 | 3°10'09 | 13° 7 | 24°35 | 18°34 | 7°44 | 19°43 | 5°56 | 7°21 | 24°35 | 19°19 | 14°10 | 14°42 | 9°23 | 9°51 | T 25 |
| F 26 S 27 | 4 23 16 4 27 13 | 4°10'06 5°10'05 | 24°58 6 Ƴ 48 | 25°52 27° 7 | 19°41 20°48 | 8°19 8°54 | 19°51 19°58 | 5°54 5°53 | 7°25 7°28 | 24°35 24°35 | 19°21 19°22 | 14° 8 14° 3 | 14°39 14°35 | 9°29 9°36 | 9°57 10° 3 | F 26 S 27 |
| | | | | | | | | | | | | _ | | | | |
| S 28 | 4 31 10 | 6°10'06 | 18°40 | 28°21 | 21°56 | 9°29 | 20° 5 | 5°52 | 7°31 | 24°35 | 19°24 | 13°56 | 14°32 | 9°43 | 10° 9 | S 28 |
| M29 | 4 35 6 | 7°10'08 | 0839 | 29°33 | 23° 4 | 10° 4 | 20°12 | 5°51 | 7°34 | 24°34 | 19°26 | 13°46 | 14°29 | 9°50 | 10°15 | M29 |
| T 30 | 4 39 3 | 8 √ 10'12 | 12848 | 0 ප 43 | 24 ≏ 12 | 10 ≏ 39 | 20 m 19 | 5 Υ 50 | 7 云 38 | 24) (34 | 19 る 28 | 13≈35 | 14≈26 | 9 Υ 56 | 10 ට 21 | T 30 |

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| W 1 | 4 42 59 | 9 ∡ 10'17 | 25 8 7 | 1 ප 51 | 25 ♀ 20 | 11 ≏ 14 | 20 Mp 25 | 5°R49 | 7 궁 41 | 24°R34 | 19る29 | 13°R23 | 14≈23 | 10 ° 3 | 10중27 | W 1 |
| T 2 | 4 46 56 | 10°10'24 | 7 Ⅲ 39 | 2°57 | 26°28 | 11°49 | 20°32 | 5 Ƴ 48 | 7°44 | 24) 34 | 19°31 | 13≈11 | 14°19 | 10°10 | 10°33 | T 2 |
| F 3 | 4 50 52 | 11°10'33 | 20°22 | 4° 0 | 27°36 | 12°23 | 20°38 | 5°47 | 7°48 | 24°34 | 19°33 | 13° 0 | 14°16 | 10°16 | 10°39 | F 3 |
| S 4 | 4 54 49 | 12°10'44 | 39518 | 5° 0 | 28°45 | 12°58 | 20°44 | 5°47 | 7°51 | 24°34 | 19°35 | 12°52 | 14°13 | 10°23 | 10°46 | S 4 |
| S 5 | 4 58 45 | 13°10'56 | 16°24 | 5°56 | 29°54 | 13°33 | 20°50 | 5°47 | 7°55 | 24°D34 | 19°37 | 12°46 | 14°10 | 10°30 | 10°52 | S 5 |
| M 6 | 5 2 42 | 14°11'11 | 29°41 | 6°49 | 1 m 3 | 14° 7 | 20°56 | 5°46 | 7°58 | 24°34 | 19°39 | 12°43 | 14° 7 | 10°36 | 10°58 | M 6 |
| T 7 | 5 6 39 | 15°11'27 | 13 N 9 | 7°37 | 2°12 | 14°41 | 21° 2 | 5°46 | 8° 1 | 24°34 | 19°40 | 12°D42 | 14° 4 | 10°43 | 11° 4 | T 7 |
| W 8 | 5 10 35 | 16°11'45 | 26°48 | 8°20 | 3°22 | 15°16 | 21° 7 | 5°46 | 8° 5 | 24°34 | 19°42 | 12°43 | 14° 0 | 10°50 | 11°11 | W 8 |
| T 9 | 5 14 32 | 17°12'04 | 10 m 38 | 8°58 | 4°31 | 15°50 | 21°13 | 5°D46 | 8° 8 | 24°34 | 19°44 | 12°R43 | 13°57 | 10°57 | 11°17 | T 9 |
| F 10 | 5 18 28 | 18°12'26 | 24°40 | 9°30 | 5°41 | 16°24 | 21°18 | 5°46 | 8°12 | 24°34 | 19°46 | 12°43 | 13°54 | 11° 3 | 11°23 | F 10 |
| S 11 | 5 22 25 | 19°12'50 | 8 ≏ 53 | 9°55 | 6°51 | 16°58 | 21°23 | 5°46 | 8°15 | 24°34 | 19°48 | 12°42 | 13°51 | 11°10 | 11°30 | S 11 |
| S 12 | 5 26 21 | 20°13'15 | 23°16 | 10°13 | 8° 1 | 17°32 | 21°28 | 5°46 | 8°19 | 24°34 | 19°50 | 12°38 | 13°48 | 11°17 | 11°36 | S 12 |
| M13 | 5 30 18 | 21°13'42 | 7 M .44 | 10°22 | 9°11 | 18° 6 | 21°33 | 5°47 | 8°22 | 24°35 | 19°52 | 12°32 | 13°45 | 11°23 | 11°43 | M13 |
| T 14 | 5 34 14 | 22°14'11 | 22°13 | 10°R22 | 10°21 | 18°40 | 21°37 | 5°47 | 8°26 | 24°35 | 19°54 | 12°24 | 13°41 | 11°30 | 11°49 | T 14 |
| W15 | 5 38 11 | 23°14'42 | 6 ₮ 37 | 10°13 | 11°32 | 19°14 | 21°41 | 5°48 | 8°30 | 24°35 | 19°56 | 12°15 | 13°38 | 11°37 | 11°56 | W15 |
| T 16 | 5 42 8 | 24°15'14 | 20°49 | 9°53 | 12°42 | 19°47 | 21°46 | 5°49 | 8°33 | 24°36 | 19°58 | 12° 7 | 13°35 | 11°43 | 12° 2 | T 16 |
| F 17 | 5 46 4 | 25°15'48 | 4 ⋜ 44 | 9°22 | 13°53 | 20°21 | 21°50 | 5°49 | 8°37 | 24°36 | 20° 0 | 12° 1 | 13°32 | 11°50 | 12° 9 | F 17 |
| S 18 | 5 50 1 | 26°16'23 | 18°18 | 8°41 | 15° 4 | 20°55 | 21°54 | 5°50 | 8°40 | 24°36 | 20° 2 | 11°56 | 13°29 | 11°57 | 12°15 | S 18 |
| S 19 | 5 53 57 | 27°16'59 | 1≈30 | 7°49 | 16°15 | 21°28 | 21°57 | 5°51 | 8°44 | 24°37 | 20° 4 | 11°54 | 13°25 | 12° 4 | 12°22 | S 19 |
| M20 | 5 57 54 | 28°17'37 | 14°19 | 6°48 | 17°26 | 22° 1 | 22° 1 | 5°52 | 8°48 | 24°37 | 20° 6 | 11°D53 | 13°22 | 12°10 | 12°29 | M20 |
| T 21 | 6 1 50 | 29°18'15 | 26°48 | 5°38 | 18°37 | 22°34 | 22° 4 | 5°54 | 8°51 | 24°38 | 20° 8 | 11°54 | 13°19 | 12°17 | 12°35 | T 21 |
| W22 | 6 5 47 | 0 궁 18'54 | 9 米 0 | 4°21 | 19°48 | 23° 8 | 22° 7 | 5°55 | 8°55 | 24°38 | 20°10 | 11°56 | 13°16 | 12°24 | 12°42 | W22 |
| T 23 | 6 9 44 | 1°19'35 | 21° 0 | 3° 0 | 20°59 | 23°41 | 22°10 | 5°57 | 8°59 | 24°39 | 20°13 | 11°57 | 13°13 | 12°30 | 12°49 | T 23 |
| F 24 | 6 13 40 | 2°20'16 | 2 Y 53 | 1°37 | 22°11 | 24°13 | 22°13 | 5°58 | 9° 2 | 24°40 | 20°15 | 11°R58 | 13°10 | 12°37 | 12°55 | F 24 |
| S 25 | 6 17 37 | 3°20'59 | 14°44 | 0°16 | 23°22 | 24°46 | 22°15 | 6° 0 | 9° 6 | 24°40 | 20°17 | 11°57 | 13° 6 | 12°44 | 13° 2 | S 25 |
| S 26 | 6 21 33 | 4°21'42 | 26°38 | 28 × 358 | 24°34 | 25°19 | 22°18 | 6° 1 | 9°10 | 24°41 | 20°19 | 11°54 | 13° 3 | 12°50 | 13° 9 | S 26 |
| M27 | 6 25 30 | 5°22'26 | 8 8 40 | 27°46 | 25°46 | 25°52 | 22°20 | 6° 3 | 9°13 | 24°42 | 20°21 | 11°50 | 13° 0 | 12°57 | 13°15 | M27 |
| T 28 | 6 29 26 | 6°23'11 | 20°52 | 26°43 | 26°58 | 26°24 | 22°22 | 6° 5 | 9°17 | 24°42 | 20°23 | 11°44 | 12°57 | 13° 4 | 13°22 | T 28 |
| W29 | 6 33 23 | 7°23'58 | 3 Ⅱ 19 | 25°50 | 28°10 | 26°56 | 22°24 | 6° 7 | 9°21 | 24°43 | 20°25 | 11°38 | 12°54 | 13°11 | 13°29 | W29 |
| T 30 | 6 37 19 | 8°24'45 | 16° 2 | 25° 7 | 29°22 | 27°29 | 22°26 | 6°10 | <u>9°24</u> | 24°44 | 2 <u>0</u> °27 | 11°32 | 12°51 | 13°17 | 1 <u>3</u> °35 | T 30 |
| F 31 | 6 41 16 | 9 ට 25'33 | 29耳 2 | 24 ∡ 36 | 0 ∡ 34 | 28 ♀ 1 | 22 Mp 27 | 6 Υ 12 | 9 궁 28 | 24) 45 | 20 궁 30 | 11≈27 | 12 ≈ 47 | 13 Y 24 | 13 る 42 | F 31 |

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| S 1 | 6 45 13 | 10 ට 26 22 | 129518 | 24°R16 | 1 才 46 | 28 ₾ 33 | 22 Mp 28 | 6 Υ 14 | 9 ප 32 | 24) (46 | 20 궁 32 | 11°R23 | 12≈44 | 13 Y 31 | 13 る 49 | S 1 |
| S 2 M 3 T 4 W 5 T 6 F 7 S 8 | 6 49 9 6 53 6 6 57 2 7 0 59 7 4 55 7 8 52 | 11°27'12 12°28'03 13°28'55 14°29'47 15°30'41 16°31'37 17°32'33 | 25°49 9 \Omega 32 23°25 7 \Omega 26 21°31 5 \Omega 40 19°51 | 24°D 8 24×7 9 24°21 24°42 25°10 25°46 26°28 | 2°58 4°11 5°23 6°36 7°48 9° 1 | 29° 5 29°37 0ML 8 0°40 1°11 1°43 2°14 | 22°29 22°30 22°31 22°31 22°32 22°R32 22°R32 | 6°17 6°19 6°22 6°25 6°27 6°30 6°33 | 9°35 9°39 9°43 9°46 9°50 9°54 | 24°47 24°48 24°49 24°50 24°51 24°52 24°53 | 20°34 20°36 20°38 20°41 20°43 20°45 20°47 | 11≈20 11°D19 11°20 11°21 11°23 11°24 11°R24 | 12°41 12°38 12°35 12°31 12°28 12°25 12°22 | 13°37 13°44 13°51 13°58 14° 4 14°11 14°18 | 13°56 14° 2 14° 9 14°16 14°22 14°29 14°36 | S 2 M 3 T 4 W 5 T 6 F 7 S 8 |
| S 9 M10 T 11 W12 T 13 F 14 S 15 | 7 12 48 7 16 45 7 20 42 7 24 38 7 28 35 7 32 31 7 36 28 7 40 24 | 17'32'33 18°33'30 19°34'28 20°35'28 21°36'28 22°37'29 23°38'31 24°39'33 | 4M 0 18° 7 2√ 9 16° 3 29°46 13♂16 26°31 | 27°16 28°10 29° 7 0 3 9 1°14 2°22 3°33 | 11°26 12°39 13°52 15° 5 16°18 17°32 18°45 | 2°45 3°16 3°47 4°18 4°48 5°19 5°49 | 22°32 22°31 22°30 22°29 22°28 22°27 22°25 | 6°37 6°40 6°43 6°47 6°50 6°54 | 10° 1 10° 5 10° 8 10°12 10°16 10°19 10°23 | 24°54 24°55 24°56 24°58 24°59 25° 0 25° 2 | 20°47 20°49 20°51 20°54 20°56 20°58 21° 0 21° 2 | 11°R24 11°23 11°22 11°19 11°16 11°13 11°11 11° 9 | 12°19 12°16 12°12 12° 9 12° 6 12° 3 12° 0 | 14°18 14°24 14°31 14°38 14°44 14°51 14°58 15° 5 | 14°43 14°49 14°56 15° 3 15° 9 15°16 15°23 | S 9 M10 T 11 W12 T 13 F 14 S 15 |
| S 16 M17 T 18 W19 T 20 F 21 S 22 | 7 44 21 7 48 18 7 52 14 7 56 11 8 0 7 8 4 4 8 8 0 | 25°40'36 26°41'39 27°42'43 28°43'46 29°44'50 0≈45'54 1°46'57 | 9≈28 22° 9 4∺34 16°46 28°47 10℃40 22°32 | 4°46 6° 1 7°18 8°36 9°56 11°17 12°39 | 19°58 21°11 22°25 23°38 24°51 26° 5 27°18 | 6°19 6°49 7°19 7°48 8°18 8°47 9°16 | 22°24 22°22 22°20 22°18 22°15 22°13 22°10 | 7° 1 7° 5 7° 9 7°13 7°17 7°21 7°26 | 10°26 10°30 10°34 10°37 10°41 10°44 10°48 | 25° 3 25° 4 25° 6 25° 7 25° 9 25°10 25°12 | 21° 5 21° 7 21° 9 21°11 21°13 21°16 21°18 | 11°D 9 11° 9 11°10 11°11 11°12 11°13 11°14 | 11°57 11°53 11°50 11°47 11°44 11°41 11°37 | 15°11 15°18 15°25 15°31 15°38 15°45 15°52 | 15°29 15°36 15°42 15°49 15°56 16°2 16°9 | S 16 M17 T 18 W19 T 20 F 21 S 22 |
| S 23 M24 T 25 W26 T 27 F 28 S 29 S 30 | 8 11 57 8 15 53 8 19 50 8 23 47 8 27 43 8 31 40 8 35 36 | 2°48'01 3°49'05 4°50'09 5°51'13 6°52'16 7°53'20 8°54'23 | 4825 16°25 28°37 11 II 5 23°52 7 © 0 20°30 4Ω21 | 14° 3 15°27 16°52 18°18 19°44 21°11 22°39 24° 7 | 28°32 29°46 0\(\mathref{3}59\) 2°13 3°27 4°40 5°54 7° 8 | 9°45 10°14 10°43 11°11 11°39 12° 7 12°35 13° 3 | 22° 7 22° 3 22° 0 21°57 21°53 21°49 21°45 | 7°30 7°34 7°39 7°44 7°48 7°53 7°58 | 10°51 10°55 10°58 11° 2 11° 5 11° 8 11°12 | 25°13 25°15 25°16 25°18 25°20 25°21 25°23 25°25 | 21°20 21°22 21°24 21°26 21°29 21°31 21°33 21°35 | 11°R14 11°14 11°13 11°13 11°12 11°12 11°11 | 11°34 11°31 11°28 11°25 11°22 11°18 11°15 | 15°58 16° 5 16°12 16°18 16°25 16°32 16°39 | 16°15 16°22 16°28 16°35 16°41 16°47 16°54 | S 23 M24 T 25 W26 T 27 F 28 S 29 |
| S 30 M31 | 8 39 33 8 43 29 | 9°55'27 10≈56'30 | 48 ι 21 18 Ω 30 | 24° 7 25 石 36 | 8 건 22 | 13° 3 13 M .30 | 21°41 21 m /36 | 8 [°] 3 | 11°15 11 る 18 | 25°25 25 ¥ 26 | 21°35 21 石 37 | 11°11 11 ≈ 11 | 11°12 11 ≈ 9 | 16°45 16 Ƴ 52 | 17°0 17 る 6 | S 30 M31 |

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| T 1 | 8 47 26 | 11≈57'33 | 2 m 52 | 27る 6 | 9 ට 36 | 13 M .58 | 21°R32 | 8 Υ 13 | 11 る 22 | 25 米 28 | 21 궁 39 | 11°R11 | 11≈ 6 | 16 Y 59 | 17 る 13 | T 1 |
| W 2 | 8 51 22 | 12°58'36 | 17°22 | 28°36 | 10°50 | 14°25 | 21 Mp 27 | 8°18 | 11°25 | 25°30 | 21°41 | 11≈11 | 11° 3 | 17° 5 | 17°19 | W 2 |
| T 3 | 8 55 19 | 13°59'39 | 1 ≏ 55 | 0≈ 6 | 12° 4 | 14°52 | 21°22 | 8°23 | 11°28 | 25°32 | 21°43 | 11°11 | 10°59 | 17°12 | 17°25 | T 3 |
| F 4 | 8 59 16 | 15° 0'42 | 16°25 | 1°37 | 13°18 | 15°18 | 21°17 | 8°28 | 11°31 | 25°33 | 21°45 | 11°10 | 10°56 | 17°19 | 17°31 | F 4 |
| S 5 | 9 3 12 | 16° 1'45 | 0 M 47 | 3° 9 | 14°32 | 15°45 | 21°11 | 8°34 | 11°35 | 25°35 | 21°47 | 11°10 | 10°53 | 17°25 | 17°37 | S 5 |
| S 6 | 9 7 9 | 17° 2'48 | 14°59 | 4°40 | 15°46 | 16°11 | 21° 6 | 8°39 | 11°38 | 25°37 | 21°49 | 11°D10 | 10°50 | 17°32 | 17°43 | S 6 |
| M 7 | 9 11 5 | 18° 3'52 | 28°57 | 6°13 | 17° 0 | 16°37 | 21° 0 | 8°45 | 11°41 | 25°39 | 21°51 | 11°10 | 10°47 | 17°39 | 17°50 | M 7 |
| T 8 | 9 15 2 | 19° 4'55 | 12 × 742 | 7°46 | 18°14 | 17° 3 | 20°55 | 8°50 | 11°44 | 25°41 | 21°53 | 11°11 | 10°43 | 17°46 | 17°56 | T 8 |
| W 9 | 9 18 58 | 20° 5'59 | 26°12 | 9°19 | 19°28 | 17°28 | 20°49 | 8°56 | 11°47 | 25°43 | 21°55 | 11°11 | 10°40 | 17°52 | 18° 2 | W 9 |
| T 10 | 9 22 55 | 21° 7'02 | 9 3 29 | 10°53 | 20°42 | 17°53 | 20°43 | 9° 2 | 11°50 | 25°45 | 21°57 | 11°12 | 10°37 | 17°59 | 18° 8 | T 10 |
| F 11 | 9 26 52 | 22° 8'05 | 22°32 | 12°28 | 21°57 | 18°18 | 20°37 | 9° 7 | 11°53 | 25°47 | 21°59 | 11°13 | 10°34 | 18° 6 | 18°13 | F 11 |
| S 12 | 9 30 48 | 23° 9'07 | 5≈23 | 14° 3 | 23°11 | 18°43 | 20°31 | 9°13 | 11°56 | 25°49 | 22° 1 | 11°R14 | 10°31 | 18°12 | 18°19 | S 12 |
| S 13 | 9 34 45 | 24°10'09 | 18° 1 | 15°38 | 24°25 | 19°8 | 20°24 | 9°19 | 11°59 | 25°51 | 22° 3 | 11°14 | 10°28 | 18°19 | 18°25 | S 13 |
| M14 | 9 38 41 | 25°11'11 | 0 ∺ 27 | 17°15 | 25°39 | 19°32 | 20°18 | 9°25 | 12° 2 | 25°53 | 22° 5 | 11°13 | 10°24 | 18°26 | 18°31 | M14 |
| T 15 | 9 42 38 | 26°12'11 | 12°43 | 18°51 | 26°54 | 19°56 | 20°11 | 9°31 | 12° 5 | 25°55 | 22° 7 | 11°11 | 10°21 | 18°33 | 18°37 | T 15 |
| W16 | 9 46 34 | 27°13'12 | 24°49 | 20°29 | 28° 8 | 20°19 | 20° 4 | 9°37 | 12° 8 | 25°57 | 22° 9 | 11° 9 | 10°18 | 18°39 | 18°42 | W16 |
| T 17 | 9 50 31 | 28°14'11 | 6 Υ 48 | 22° 7 | 29°22 | 20°43 | 19°57 | 9°43 | 12°11 | 25°59 | 22°11 | 11° 6 | 10°15 | 18°46 | 18°48 | T 17 |
| F 18 | 9 54 27 | 29°15'09 | 18°41 | 23°45 | 0≈37 | 21° 6 | 19°50 | 9°49 | 12°14 | 26° 1 | 22°13 | 11° 3 | 10°12 | 18°53 | 18°54 | F 18 |
| S 19 | 9 58 24 | 0 ¥ 16′07 | 0 8 32 | 25°24 | 1°51 | 21°29 | 19°43 | 9°55 | 12°16 | 26° 3 | 22°15 | 11° 1 | 10° 9 | 18°59 | 18°59 | S 19 |
| S 20 | 10 2 20 | 1°17'04 | 12°24 | 27° 4 | 3° 5 | 21°51 | 19°36 | 10° 1 | 12°19 | 26° 5 | 22°16 | 10°58 | 10° 5 | 19° 6 | 19° 5 | S 20 |
| M21 | 10 6 17 | 2°17'59 | 24°22 | 28°44 | 4°20 | 22°13 | 19°29 | 10° 8 | 12°22 | 26° 7 | 22°18 | 10°57 | 10° 2 | 19°13 | 19°10 | M21 |
| T 22 | 10 10 14 | 3°18'54 | 6 I I30 | 0 ∺ 26 | 5°34 | 22°35 | 19°22 | 10°14 | 12°24 | 26° 9 | 22°20 | 10°D57 | 9°59 | 19°20 | 19°15 | T 22 |
| W23 | 10 14 10 | 4°19'47 | 18°54 | 2° 7 | 6°48 | 22°56 | 19°14 | 10°20 | 12°27 | 26°12 | 22°22 | 10°58 | 9°56 | 19°26 | 19°21 | W23 |
| T 24 | 10 18 7 | 5°20'40 | 19936 | 3°50 | 8° 3 | 23°18 | 19° 7 | 10°27 | 12°30 | 26°14 | 22°23 | 10°59 | 9°53 | 19°33 | 19°26 | T 24 |
| F 25 | 10 22 3 | 6°21'31 | 14°42 | 5°33 | 9°17 | 23°38 | 18°59 | 10°33 | 12°32 | 26°16 | 22°25 | 11° 1 | 9°49 | 19°40 | 19°31 | F 25 |
| S 26 | 10 26 0 | 7°22'21 | 28°14 | 7°17 | 10°32 | 23°59 | 18°51 | 10°40 | 12°35 | 26°18 | 22°27 | 11° 2 | 9°46 | 19°46 | 19°36 | S 26 |
| S 27 | 10 29 56 | 8°23'10 | 12 \O 12 | 9° 1 | 11°46 | 24°19 | 18°44 | 10°46 | 12°37 | 26°20 | 22°29 | 11°R 3 | 9°43 | 19°53 | 19°41 | S 27 |
| M28 | 10 33 53 | 9 米 23'57 | 26 Ω 35 | 10 米 47 | 13 ≈ 1 | 24M39 | 18 M 36 | 10 Y 53 | 12 る 40 | 26 米 22 | 22 궁 30 | 11≈ 2 | 9 ≈ 40 | 20 Υ 0 | 19 る 46 | M28 |

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| T 1 | 10 37 49 | 10) (24'44 | 11 Mp 19 | 12) 33 | 14≈15 | 24M.58 | 18°R28 | 11° 0 | 12 3 42 | 26 ¥ 25 | 22 ~ 32 | 11°R 0 | 9≈37 | 20° 7 | 19 3 51 | T 1 |
| W 2 | 10 41 46 | 11°25'29 | 26°16 | 14°19 | 15°30 | 25°17 | 18 M)20 | 11° 6 | 12°44 | 26°27 | 22°33 | 10≈56 | 9°34 | 20°13 | 19°56 | W 2 |
| T 3 | 10 45 43 | 12°26'13 | 11 ⊆ 18 | 16° 6 | 16°44 | 25°36 | 18°13 | 11°13 | 12°47 | 26°29 | 22°35 | 10°51 | 9°30 | 20°20 | 20° 1 | T 3 |
| F 4 S 5 | 10 43 43 10 49 39 10 53 36 | 13°26'57 14°27'39 | 26°15 10 M .59 | 17°54 19°43 | 17°58 19°13 | 25°54 26°12 | 18° 5 17°57 | 11°20 11°27 | 12°49 12°51 | 26°31 26°34 | 22°37 22°38 | 10°46 10°42 | 9°27 9°24 | 20°27 20°33 | 20° 6 20°11 | F 4 S 5 |
| S 6 | 10 57 32 | 15°28'21 | 25°25 | 21°31 | 20°28 | 26°29 | 17°49 | 11°34 | 12°53 | 26°36 | 22°40 | 10°39 | 9°21 | 20°40 | 20°15 | S 6 |
| M 7 | 11 1 29 | 16°29'01 | 9 х 29 | 23°21 | 21°42 | 26°46 | 17°41 | 11°40 | 12°55 | 26°38 | 22°41 | 10°37 | 9°18 | 20°47 | 20°20 | M 7 |
| T 8 | 11 5 25 | 17°29'41 | 23°10 | 25°10 | 22°57 | 27° 3 | 17°33 | 11°47 | 12°57 | 26°40 | 22°43 | 10°D37 | 9°14 | 20°54 | 20°24 | T 8 |
| W 9 | 11 9 22 | 18°30'20 | 6 ⋜ 30 | 27° 0 | 24°11 | 27°19 | 17°25 | 11°54 | 13° 0 | 26°43 | 22°44 | 10°38 | 9°11 | 21° 0 | 20°29 | W 9 |
| T 10 | 11 13 18 | 19°30'58 | 19°31 | 28°50 | 25°26 | 27°35 | 17°17 | 12° 1 | 13° 2 | 26°45 | 22°45 | 10°40 | 9° 8 | 21° 7 | 20°33 | T 10 |
| F 11 | 11 17 15 | 20°31'35 | 2 ≈ 15 | 0 Y 39 | 26°40 | 27°50 | 17° 9 | 12° 8 | 13° 3 | 26°47 | 22°47 | 10°41 | 9° 5 | 21°14 | 20°38 | F 11 |
| S 12 | 11 21 12 | 21°32'10 | 14°46 | 2°29 | 27°55 | 28° 5 | 17° 1 | 12°15 | 13° 5 | 26°49 | 22°48 | 10°R42 | 9° 2 | 21°20 | 20°42 | S 12 |
| S 13 | 11 25 8 | 22°32'44 | 27° 7 | 4°17 | 29° 9 | 28°19 | 16°53 | 12°22 | 13° 7 | 26°52 | 22°49 | 10°40 | 8°59 | 21°27 | 20°46 | S 13 |
| M14 | 11 29 5 | 23°33'17 | 9₩18 | 6° 5 | 0\(\mathcal{H}\)24 | 28°33 | 16°46 | 12°29 | 13° 9 | 26°54 | 22°51 | 10°36 | 8°55 | 21°34 | 20°50 | M14 |
| T 15 | 11 33 1 | 24°33'49 | 21°22 | 7°51 | 1°39 | 28°46 | 16°38 | 12°37 | 13°11 | 26°56 | 22°52 | 10°31 | 8°52 | 21°41 | 20°54 | T 15 |
| W16 | 11 36 58 | 25°34'19 | 3¥21 | 9°36 | 2°53 | 28°58 | 16°30 | 12°44 | 13°12 | 26°58 | 22°53 | 10°23 | 8°49 | 21°47 | 20°58 | W16 |
| T 17 | 11 40 54 | 26°34'47 | 15°16 | 11°19 | 4° 8 | 29°11 | 16°22 | 12°51 | 13°14 | 27° 1 | 22°54 | 10°14 | 8°46 | 21°54 | 21° 2 | T 17 |
| F 18 | 11 44 51 | 27°35'14 | 27° 8 | 12°59 | 5°22 | 29°22 | 16°15 | 12°58 | 13°16 | 27° 3 | 22°56 | 10° 4 | 8°43 | 22° 1 | 21° 6 | F 18 |
| S 19 | 11 48 47 | 28°35'40 | 8₩59 | 14°36 | 6°37 | 29°33 | 16° 7 | 13° 5 | 13°17 | 27° 5 | 22°57 | 9°55 | 8°40 | 22° 7 | 21°10 | S 19 |
| S 20 | 11 52 44 | 29°36'03 | 20°52 | 16°10 | 7°52 | 29°44 | 15°59 | 13°12 | 13°19 | 27° 8 | 22°58 | 9°47 | 8°36 | 22°14 | 21°13 | S 20 |
| M21 | 11 56 41 | 0 Y 36'25 | 2¶49 | 17°39 | 9° 6 | 29°54 | 15°52 | 13°20 | 13°20 | 27°10 | 22°59 | 9°41 | 8°33 | 22°21 | 21°17 | M21 |
| T 22 | 12 0 37 | 1°36'46 | 14°55 | 19°3 | 10°21 | 0🗷 3 | 15°44 | 13°27 | 13°22 | 27°12 | 23° 0 | 9°37 | 8°30 | 22°28 | 21°20 | T 22 |
| W23 | 12 4 34 | 2°37'04 | 27°14 | 20°22 | 11°35 | 0°12 | 15°37 | 13°34 | 13°23 | 27°14 | 23° 1 | 9°D35 | 8°27 | 22°34 | 21°24 | W23 |
| T 24 | 12 8 30 | 3°37'20 | 9©50 | 21°36 | 12°50 | 0°20 | 15°30 | 13°41 | 13°24 | 27°17 | 23° 2 | 9°35 | 8°24 | 22°41 | 21°27 | T 24 |
| F 25 | 12 12 27 | 4°37'35 | 22°49 | 22°42 | 14° 5 | 0°28 | 15°23 | 13°49 | 13°26 | 27°19 | 23° 3 | 9°36 | 8°20 | 22°48 | 21°31 | F 25 |
| S 26 | 12 16 23 | 5°37'47 | 6 Ω 13 | 23°41 | 15°19 | 0°35 | 15°16 | 13°56 | 13°27 | 27°21 | 23° 4 | 9°R37 | 8°17 | 22°54 | 21°34 | S 26 |
| S 27 | 12 20 20 | 6°37'58 | 20° 6 | 24°33 | 16°34 | 0°41 | 15° 9 | 14° 3 | 13°28 | 27°23 | 23° 5 | 9°37 | 8°14 | 23° 1 | 21°37 | S 27 |
| M28 | 12 24 16 | 7°38'06 | 4 % 28 | 25°16 | 17°48 | 0°47 | 15° 2 | 14°11 | 13°29 | 27°26 | 23° 6 | 9°34 | 8°11 | 23° 8 | 21°40 | M28 |
| T 29 | 12 28 13 | 8°38'13 | 19° 16 | 25°51 | 19°3 | 0°52 | 14°55 | 14°18 | 13°30 | 27°28 | 23° 7 | 9°29 | 8° 8 | 23°15 | 21°43 | T 29 |
| W30 | 12 32 9 | 9°38'17 | 4 \$\overline{\Omega} 24 | 26°17 | 20°17 | 0°56 | 14°48 | 14°25 | 13°31 | 27°30 | 23° 8 | 9°22 | 8° 5 | 23°21 | 21°46 | W30 |
| T 31 | 12 36 6 | 10 ° 38'20 | 19 \$\overline{\Omega} 42 | 26°33 | 21)(32 | 1⊀ 0 | 14 \(\pi\) 42 | 14 ° 33 | 13♂32 | 27)(32 | 23 ° 8 | 9 ≈ 13 | 8≈ 1 | 23°28 | 21 3 48 | T 31 |

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| F 1 | 12 40 3 | 11 Y 38'21 | 4 M .59 | 26°R41 | 22) (47 | 1 √ 3 | 14°R35 | 14 Y 40 | 13 る 33 | 27) 35 | 23 궁 9 | 9°R 3 | 7≈58 | 23 Y 35 | 21 る 51 | F 1 |
| S 2 | 12 43 59 | 12°38'21 | 20° 5 | 26 Y 40 | 24° 1 | 1° 5 | 14 M 29 | 14°47 | 13°34 | 27°37 | 23°10 | 8 ≈ 54 | 7°55 | 23°42 | 21°54 | S 2 |
| S 3 | 12 47 56 | 13°38'19 | 4 √ 49 | 26°30 | 25°16 | 1° 7 | 14°23 | 14°55 | 13°35 | 27°39 | 23°11 | 8°47 | 7°52 | 23°48 | 21°56 | S 3 |
| M 4 | 12 51 52 | 14°38'16 | 19° 7 | 26°11 | 26°30 | 1° 8 | 14°17 | 15° 2 | 13°35 | 27°41 | 23°11 | 8°42 | 7°49 | 23°55 | 21°59 | M 4 |
| T 5 | 12 55 49 | 15°38'11 | 2 る 57 | 25°45 | 27°45 | 1°R 8 | 14°11 | 15° 9 | 13°36 | 27°44 | 23°12 | 8°39 | 7°46 | 24° 2 | 22° 1 | T 5 |
| W 6 | 12 59 45 | 16°38'04 | 16°19 | 25°11 | 28°59 | 1° 7 | 14° 5 | 15°17 | 13°37 | 27°46 | 23°13 | 8°D38 | 7°42 | 24° 8 | 22° 3 | W 6 |
| T 7 | 13 3 42 | 17°37'56 | 29°16 | 24°31 | 0 Υ 14 | 1° 6 | 14° 0 | 15°24 | 13°37 | 27°48 | 23°13 | 8°39 | 7°39 | 24°15 | 22° 6 | T 7 |
| F 8 | 13 7 38 | 18°37'46 | 11≈53 | 23°46 | 1°28 | 1° 4 | 13°54 | 15°31 | 13°38 | 27°50 | 23°14 | 8°R39 | 7°36 | 24°22 | 22° 8 | F 8 |
| S 9 | 13 11 35 | 19°37'35 | 24°14 | 22°56 | 2°43 | 1° 1 | 13°49 | 15°39 | 13°38 | 27°52 | 23°14 | 8°38 | 7°33 | 24°29 | 22°10 | S 9 |
| S 10 | 13 15 32 | 20°37'22 | 6) €23 | 22° 3 | 3°57 | 0°58 | 13°44 | 15°46 | 13°39 | 27°54 | 23°15 | 8°34 | 7°30 | 24°35 | 22°12 | S 10 |
| M11 | 13 19 28 | 21°37'07 | 18°24 | 21° 8 | 5°12 | 0°53 | 13°39 | 15°53 | 13°39 | 27°56 | 23°15 | 8°28 | 7°26 | 24°42 | 22°13 | M11 |
| T 12 | 13 23 25 | 22°36'50 | 0 Υ 20 | 20°13 | 6°27 | 0°48 | 13°34 | 16° 1 | 13°39 | 27°59 | 23°16 | 8°19 | 7°23 | 24°49 | 22°15 | T 12 |
| W13 | 13 27 21 | 23°36'32 | 12°13 | 19°18 | 7°41 | 0°42 | 13°29 | 16° 8 | 13°40 | 28° 1 | 23°16 | 8° 7 | 7°20 | 24°55 | 22°17 | W13 |
| T 14 | 13 31 18 | 24°36'12 | 24° 5 | 18°24 | 8°56 | 0°36 | 13°25 | 16°15 | 13°40 | 28° 3 | 23°16 | 7°54 | 7°17 | 25° 2 | 22°18 | T 14 |
| F 15 | 13 35 14 | 25°35'50 | 5 8 57 | 17°33 | 10°10 | 0°28 | 13°20 | 16°23 | 13°40 | 28° 5 | 23°17 | 7°40 | 7°14 | 25° 9 | 22°20 | F 15 |
| S 16 | 13 39 11 | 26°35'26 | 17°50 | 16°46 | 11°25 | 0°20 | 13°16 | 16°30 | 13°40 | 28° 7 | 23°17 | 7°26 | 7°11 | 25°16 | 22°21 | S 16 |
| S 17 | 13 43 7 | 27°34'59 | 29°47 | 16° 2 | 12°39 | 0°11 | 13°12 | 16°37 | 13°R40 | 28° 9 | 23°17 | 7°13 | 7° 7 | 25°22 | 22°22 | S 17 |
| M18 | 13 47 4 | 28°34'31 | 11 II 49 | 15°24 | 13°53 | 0° 1 | 13° 8 | 16°45 | 13°40 | 28°11 | 23°17 | 7° 3 | 7° 4 | 25°29 | 22°24 | M18 |
| T 19 | 13 51 1 | 29°34'01 | 23°58 | 14°51 | 15° 8 | 29 M 51 | 13° 5 | 16°52 | 13°40 | 28°13 | 23°18 | 6°56 | 7° 1 | 25°36 | 22°25 | T 19 |
| W20 | 13 54 57 | 0 8 33'29 | 69918 | 14°23 | 16°22 | 29°39 | 13° 1 | 16°59 | 13°40 | 28°15 | 23°18 | 6°51 | 6°58 | 25°42 | 22°26 | W20 |
| T 21 | 13 58 54 | 1°32'54 | 18°53 | 14° 1 | 17°37 | 29°27 | 12°58 | 17° 6 | 13°40 | 28°17 | 23°18 | 6°50 | 6°55 | 25°49 | 22°27 | T 21 |
| F 22 | 14 2 50 | 2°32'17 | 1 Ω 46 | 13°45 | 18°51 | 29°15 | 12°55 | 17°13 | 13°39 | 28°19 | 23°18 | 6°49 | 6°52 | 25°56 | 22°27 | F 22 |
| S 23 | 14 6 47 | 3°31'38 | 15° 2 | 13°34 | 20° 6 | 29° 1 | 12°52 | 17°21 | 13°39 | 28°21 | 23°18 | 6°49 | 6°48 | 26° 3 | 22°28 | S 23 |
| S 24 | 14 10 43 | 4°30'56 | 28°45 | 13°D30 | 21°20 | 28°47 | 12°49 | 17°28 | 13°39 | 28°23 | 23°R18 | 6°48 | 6°45 | 26° 9 | 22°29 | S 24 |
| M25 | 14 14 40 | 5°30'13 | 12 m 55 | 13°31 | 22°34 | 28°32 | 12°47 | 17°35 | 13°38 | 28°25 | 23°18 | 6°45 | 6°42 | 26°16 | 22°29 | M25 |
| T 26 | 14 18 36 | 6°29'27 | 27°33 | 13°37 | 23°49 | 28°17 | 12°44 | 17°42 | 13°38 | 28°27 | 23°18 | 6°39 | 6°39 | 26°23 | 22°30 | T 26 |
| W27 | 14 22 33 | 7°28'38 | 12 ≏ 34 | 13°49 | 25° 3 | 28° 0 | 12°42 | 17°49 | 13°38 | 28°29 | 23°18 | 6°31 | 6°36 | 26°30 | 22°30 | W27 |
| T 28 | 14 26 30 | 8°27'48 | 27°50 | 14° 6 | 26°18 | 27°44 | 12°40 | 17°56 | 13°37 | 28°30 | 23°18 | 6°21 | 6°32 | 26°36 | 22°30 | T 28 |
| F 29 | 14 30 26 | 9°26'56 | 13ML10 | 14°28 | 27°32 | 27°26 | 12°38 | 18° 3 | 13°36 | 28°32 | 23°18 | 6° 9 | 6°29 | 26°43 | 22°31 | F 29 |
| S 30 | 14 34 23 | 10826'02 | 28M23 | 14 Υ 54 | 28 Υ 46 | 27 M 8 | 12 Mp 37 | 18 Y 10 | 13 る 36 | 28 米 34 | 23중18 | 5≈59 | 6≈26 | 26 Y 50 | 22 る 31 | S 30 |

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| S 1 | 14 38 19 | 11825'06 | 13 × 18 | 15 Y 25 | 0 8 1 | 26°R49 | 12°R35 | 18 Y 17 | 13°R35 | 28 米 36 | 23°R17 | 5°R49 | 6≈23 | 26 Y 56 | 22°R31 | S 1 |
| M 2 | 14 42 16 | 12°24'08 | 27°47 | 16° 0 | 1°15 | 26MJ30 | 12 m 34 | 18°24 | 13 る 34 | 28°38 | 23 る 17 | 5≈43 | 6°20 | 27° 3 | 22 궁 31 | M 2 |
| T 3 | 14 46 12 | 13°23'09 | 11 る 47 | 16°39 | 2°29 | 26°11 | 12°33 | 18°31 | 13°34 | 28°39 | 23°17 | 5°39 | 6°17 | 27°10 | 22°30 | T 3 |
| W 4 | 14 50 9 | 14°22'07 | 25°17 | 17°21 | 3°43 | 25°50 | 12°32 | 18°38 | 13°33 | 28°41 | 23°17 | 5°37 | 6°13 | 27°17 | 22°30 | W 4 |
| T 5 | 14 54 5 | 15°21'05 | 8≈20 | 18° 8 | 4°58 | 25°30 | 12°31 | 18°45 | 13°32 | 28°43 | 23°16 | 5°37 | 6°10 | 27°23 | 22°30 | T 5 |
| F 6 | 14 58 2 | 16°20'00 | 20°58 | 18°57 | 6°12 | 25° 9 | 12°31 | 18°52 | 13°31 | 28°45 | 23°16 | 5°37 | 6° 7 | 27°30 | 22°29 | F 6 |
| S 7 | 15 1 59 | 17°18'54 | 3 ∺ 18 | 19°50 | 7°26 | 24°47 | 12°30 | 18°58 | 13°30 | 28°46 | 23°16 | 5°36 | 6° 4 | 27°37 | 22°29 | S 7 |
| S 8 | 15 5 55 | 18°17'46 | 15°25 | 20°46 | 8°41 | 24°26 | 12°D30 | 19° 5 | 13°29 | 28°48 | 23°15 | 5°33 | 6° 1 | 27°43 | 22°28 | S 8 |
| M 9 | 15 9 52 | 19°16'36 | 27°22 | 21°45 | 9°55 | 24° 4 | 12°30 | 19°12 | 13°28 | 28°50 | 23°15 | 5°28 | 5°57 | 27°50 | 22°27 | M 9 |
| T 10 | 15 13 48 | 20°15'25 | 9 Υ 14 | 22°47 | 11° 9 | 23°41 | 12°31 | 19°19 | 13°27 | 28°51 | 23°14 | 5°19 | 5°54 | 27°57 | 22°27 | T 10 |
| W11 | 15 17 45 | 21°14'12 | 21° 5 | 23°51 | 12°23 | 23°19 | 12°31 | 19°25 | 13°26 | 28°53 | 23°14 | 5° 9 | 5°51 | 28° 4 | 22°26 | W11 |
| T 12 | 15 21 41 | 22°12'57 | 2 8 56 | 24°59 | 13°38 | 22°56 | 12°32 | 19°32 | 13°24 | 28°54 | 23°13 | 4°56 | 5°48 | 28°10 | 22°25 | T 12 |
| F 13 | 15 25 38 | 23°11'40 | 14°51 | 26° 8 | 14°52 | 22°33 | 12°32 | 19°38 | 13°23 | 28°56 | 23°13 | 4°43 | 5°45 | 28°17 | 22°24 | F 13 |
| S 14 | 15 29 34 | 24°10'22 | 26°49 | 27°20 | 16° 6 | 22°11 | 12°33 | 19°45 | 13°22 | 28°57 | 23°12 | 4°30 | 5°42 | 28°24 | 22°23 | S 14 |
| S 15 | 15 33 31 | 25° 9'02 | 8耳54 | 28°34 | 17°20 | 21°48 | 12°35 | 19°51 | 13°21 | 28°59 | 23°12 | 4°18 | 5°38 | 28°31 | 22°21 | S 15 |
| M16 | 15 37 28 | 26° 7'40 | 21° 5 | 29°50 | 18°34 | 21°25 | 12°36 | 19°58 | 13°19 | 29° 0 | 23°11 | 4° 8 | 5°35 | 28°37 | 22°20 | M16 |
| T 17 | 15 41 24 | 27° 6'15 | 39524 | 18 9 | 19°48 | 21° 2 | 12°37 | 20° 4 | 13°18 | 29° 2 | 23°10 | 4° 2 | 5°32 | 28°44 | 22°19 | T 17 |
| W18 | 15 45 21 | 28° 4'49 | 15°53 | 2°30 | 21° 3 | 20°39 | 12°39 | 20°11 | 13°16 | 29° 3 | 23°10 | 3°58 | 5°29 | 28°51 | 22°17 | W18 |
| T 19 | 15 49 17 | 29° 3'21 | 28°35 | 3°52 | 22°17 | 20°17 | 12°41 | 20°17 | 13°15 | 29° 4 | 23° 9 | 3°D56 | 5°26 | 28°57 | 22°16 | T 19 |
| F 20 | 15 53 14 | 0 Ⅱ 1'51 | 11 Ω 32 | 5°17 | 23°31 | 19°54 | 12°43 | 20°23 | 13°13 | 29° 6 | 23° 8 | 3°56 | 5°23 | 29° 4 | 22°14 | F 20 |
| S 21 | 15 57 10 | 1° 0'19 | 24°48 | 6°44 | 24°45 | 19°32 | 12°45 | 20°29 | 13°12 | 29° 7 | 23° 7 | 3°R57 | 5°19 | 29°11 | 22°12 | S 21 |
| S 22 | 16 1 7 | 1°58'44 | 8 m 25 | 8°12 | 25°59 | 19°10 | 12°48 | 20°36 | 13°10 | 29° 8 | 23° 7 | 3°57 | 5°16 | 29°18 | 22°10 | S 22 |
| M23 | 16 5 3 | 2°57'08 | 22°25 | 9°43 | 27°13 | 18°49 | 12°50 | 20°42 | 13° 8 | 29°10 | 23° 6 | 3°55 | 5°13 | 29°24 | 22° 8 | M23 |
| T 24 | 16 9 0 | 3°55'29 | 6 Ω 47 | 11°15 | 28°27 | 18°28 | 12°53 | 20°48 | 13° 7 | 29°11 | 23° 5 | 3°51 | 5°10 | 29°31 | 22° 6 | T 24 |
| W25 | 16 12 57 | 4°53'49 | 21°31 | 12°50 | 29°41 | 18° 7 | 12°56 | 20°54 | 13° 5 | 29°12 | 23° 4 | 3°46 | 5° 7 | 29°38 | 22° 4 | W25 |
| T 26 | 16 16 53 | 5°52'06 | 6M29 | 14°26 | 0 Ⅱ 55 | 17°47 | 12°59 | 21° 0 | 13° 3 | 29°13 | 23° 3 | 3°38 | 5° 3 | 29°44 | 22° 2 | T 26 |
| F 27 | 16 20 50 | 6°50'22 | 21°34 | 16° 4 | 2° 9 | 17°27 | 13° 3 | 21° 6 | 13° 1 | 29°14 | 23° 2 | 3°29 | 5° 0 | 29°51 | 22° 0 | F 27 |
| S 28 | 16 24 46 | 7°48'36 | 6 ₹ 36 | 17°44 | 3°23 | 17° 8 | 13° 6 | 21°11 | 13° 0 | 29°15 | 23° 1 | 3°21 | 4°57 | 29°58 | 21°58 | S 28 |
| S 29 | 16 28 43 | 8°46'48 | 2 <u>1</u> °25 | 19°26 | 4°37 | 16°49 | 13°10 | 21°17 | 12°58 | 29°17 | 23° 0 | 3°14 | 4°54 | 0 ප 5 | 21°55 | S 29 |
| M30 | 16 32 39 | 9°44'59 | 5 조 54 | 21°10 | _5°51 | 16°31 | 13°14 | 21°23 | 12°56 | 29°18 | 22°59 | 3° 9 | 4°51 | 0°11 | 21°53 | M30 |
| T 31 | 16 36 36 | 10 Ⅱ 43′08 | 19 る 57 | 22 8 55 | 7 I 5 | 16 M .14 | 13 m 18 | 21 Y 29 | 12 る 54 | 29 米 19 | 22 る 58 | 3≈ 6 | 4≈48 | 0 8 18 | 21 る 51 | T 31 |

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| W 1 | 16 40 32 | 11 II 41'16 | 3≈32 | 24 8 43 | 8耳19 | 15°R57 | 13 Mp 22 | 21 Y 34 | 12°R52 | 29 米 20 | 22°R57 | 3°D 5 | 4≈44 | 0 8 25 | 21°R48 | W 1 |
| T 2 | 16 44 29 | 12°39'22 | 16°40 | 26°32 | 9°33 | 15 M 40 | 13°26 | 21°40 | 12 る 50 | 29°21 | 22 る 56 | 3≈ 6 | 4°41 | 0°32 | 21 궁 45 | T 2 |
| F 3 | 16 48 26 | 13°37'27 | 29°24 | 28°24 | 10°47 | 15°25 | 13°30 | 21°45 | 12°48 | 29°22 | 22°55 | 3° 7 | 4°38 | 0°38 | 21°43 | F 3 |
| S 4 | 16 52 22 | 14°35'31 | 11) (48 | 0 Ⅱ 17 | 12° 1 | 15°10 | 13°35 | 21°51 | 12°46 | 29°22 | 22°54 | 3°R 8 | 4°35 | 0°45 | 21°40 | S 4 |
| S 5 | 16 56 19 | 15°33'33 | 23°57 | 2°12 | 13°15 | 14°56 | 13°40 | 21°56 | 12°44 | 29°23 | 22°53 | 3° 7 | 4°32 | 0°52 | 21°37 | S 5 |
| M 6 | 17 0 15 | 16°31'34 | 5 ℃ 55 | 4° 9 | 14°29 | 14°42 | 13°45 | 22° 1 | 12°42 | 29°24 | 22°52 | 3° 5 | 4°29 | 0°58 | 21°34 | M 6 |
| T 7 | 17 4 12 | 17°29'34 | 17°48 | 6° 8 | 15°43 | 14°29 | 13°50 | 22° 6 | 12°39 | 29°25 | 22°50 | 3° 1 | 4°25 | 1° 5 | 21°31 | T 7 |
| W 8 | 17 8 8 | 18°27'32 | 29°39 | 8° 9 | 16°57 | 14°17 | 13°55 | 22°12 | 12°37 | 29°26 | 22°49 | 2°55 | 4°22 | 1°12 | 21°28 | W 8 |
| T 9 | 17 12 5 | 19°25'30 | 11833 | 10°11 | 18°11 | 14° 6 | 14° 1 | 22°17 | 12°35 | 29°26 | 22°48 | 2°48 | 4°19 | 1°19 | 21°25 | T 9 |
| F 10 | 17 16 1 | 20°23'26 | 23°31 | 12°16 | 19°25 | 13°56 | 14° 6 | 22°22 | 12°33 | 29°27 | 22°47 | 2°40 | 4°16 | 1°25 | 21°22 | F 10 |
| S 11 | 17 19 58 | 21°21'21 | 5 Ⅱ 36 | 14°21 | 20°39 | 13°46 | 14°12 | 22°27 | 12°31 | 29°28 | 22°46 | 2°33 | 4°13 | 1°32 | 21°19 | S 11 |
| S 12 | 17 23 55 | 22°19'14 | 17°51 | 16°28 | 21°53 | 13°37 | 14°18 | 22°32 | 12°28 | 29°28 | 22°44 | 2°26 | 4° 9 | 1°39 | 21°16 | S 12 |
| M13 | 17 27 51 | 23°17'07 | 09915 | 18°37 | 23° 7 | 13°29 | 14°24 | 22°36 | 12°26 | 29°29 | 22°43 | 2°20 | 4° 6 | 1°45 | 21°12 | M13 |
| T 14 | 17 31 48 | 24°14'57 | 12°50 | 20°47 | 24°21 | 13°22 | 14°30 | 22°41 | 12°24 | 29°30 | 22°42 | 2°17 | 4° 3 | 1°52 | 21° 9 | T 14 |
| W15 | 17 35 44 | 25°12'47 | 25°36 | 22°57 | 25°35 | 13°16 | 14°36 | 22°46 | 12°22 | 29°30 | 22°40 | 2°15 | 4° 0 | 1°59 | 21° 6 | W15 |
| T 16 | 17 39 41 | 26°10'35 | 8 Ω 34 | 25° 9 | 26°48 | 13°10 | 14°43 | 22°50 | 12°19 | 29°31 | 22°39 | 2°D15 | 3°57 | 2° 6 | 21° 2 | T 16 |
| F 17 S 18 | 17 43 37 17 47 34 | 27° 8'21 28° 6'06 | 21°46 | 27°21 29°33 | 28° 2 29°16 | 13° 5 13° 1 | 14°49 14°56 | 22°55 22°59 | 12°17 12°14 | 29°31 29°32 | 22°38 22°36 | 2°16 2°18 | 3°54 3°50 | 2°12 2°19 | 20°59 20°55 | F 17 S 18 |
| | | | 5 m) 12 | | | _ | | | | | | | | | | |
| S 19 | 17 51 31 | 29° 3'49 | 18°53 | 19945 | 0930 | 12°58 | 15° 3 | 23° 4 | 12°12 | 29°32 | 22°35 | 2°19 | 3°47 | 2°26 | 20°52 | S 19 |
| M20 | 17 55 27 | 09 1'31 | 2 <u>₽</u> 50 | 3°56 | 1°44 | 12°56 | 15°10 | 23° 8 | 12°10 | 29°32 | 22°34 | 2°R19 | 3°44 | 2°33 | 20°48 | M20 |
| T 21 | 17 59 24 | 0°59'11 | 17° 3 | 6° 7 | 2°58 | 12°54 | 15°17 | 23°12 | 12° 7 | 29°33 | 22°32 | 2°18 | 3°41 | 2°39 | 20°45 | T 21 |
| W22 T 23 | 18 3 20 18 7 17 | 1°56'50 2°54'28 | 1 M 29 16°4 | 8°18 10°27 | 4°11 5°25 | 12°D54 12°54 | 15°24 15°31 | 23°16 23°20 | 12° 5 12° 2 | 29°33 29°33 | 22°31 22°29 | 2°16 2°13 | 3°38 3°35 | 2°46 2°53 | 20°41 20°37 | W22 T 23 |
| F 24 | 18 11 13 | 3°52'04 | 0×744 | 10°27 12°34 | 6°39 | 12°54 | 15°39 | 23°24 | 12° 2 | 29°34 | 22°28 | 2° 9 | 3°31 | 2°59 | 20°37 20°33 | F 24 |
| S 25 | 18 15 10 | 4°49'39 | 15°22 | 14°41 | 7°53 | 12°56 | 15°47 | 23°28 | 11°58 | 29°34 | 22°26 | 2° 5 | 3°28 | 3° 6 | 20°30 | S 25 |
| | | | | | | | | | | | | | | | | |
| S 26 | 18 19 6 | 5°47'13 | 29°51 | 16°45 | 9° 7 | 12°58 | 15°54 | 23°32 | 11°55 | 29°34 | 22°25 | 2° 2 | 3°25 | 3°13 | 20°26 | S 26 |
| M27 | 18 23 3 | 6°44'46 | 14중 4 | 18°47 | 10°21 | 13° 1 | 16° 2 | 23°36 | 11°53 | 29°34 | 22°24 | 2° 0 | 3°22 | 3°20 | 20°22 | M27 |
| T 28 W29 | 18 27 0 18 30 56 | 7°42'18 8°39'49 | 27°58 11 ≈ 29 | 20°48 22°46 | 11°34 12°48 | 13° 5 13°10 | 16°10 16°18 | 23°39 23°43 | 11°50 11°48 | 29°34 29°35 | 22°22 22°21 | 1°D59 1°59 | 3°19 3°15 | 3°26 3°33 | 20°18 20°14 | T 28 W29 |
| T 30 | 18 34 53 | 9937'19 | 11≈29 24≈37 | 249642 | 1495 2 | 13°10 | 16°18 | 23°43 23°44 | 11-48 | 29*35 29 \(35 | 22 ⁻²¹ 22 궁 19 | 2 ≈ 0 | 3°13 3 ≈ 12 | 3 ² 33 3 8 40 | 20 ⁻ 14 20 궁 11 | T 30 |
| 1 30 | 10 34 33 | 9- ن ن ا (د ند | 24 ~ 3/ | 24 ك | 14-50 2 | 1311613 | 1011/20 | 23 1 40 | 11043 | 491(33 | 22019 | ∠ ≈ 0 | <i>5</i> ≈12 | 3040 | 20011 | 1 30 |

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| F 1 | 18 38 49 | 10934'48 | 7) €24 | 26935 | 15916 | 13 M 21 | 16 m 35 | 23 Y 50 | 11°R43 | 29°R35 | 22°R18 | 2≈ 1 | 3≈ 9 | 3 8 47 | 20°R 7 | F 1 |
| S 2 | 18 42 46 | 11°32'17 | 19°51 | 28°26 | 16°29 | 13°28 | 16°43 | 23°53 | 11 る 40 | 29 米 35 | 22 る 16 | 2° 3 | 3° 6 | 3°53 | 20중 3 | S 2 |
| S 3 | 18 46 42 | 12°29'45 | 2 Υ 3 | 0 Ω 15 | 17°43 | 13°35 | 16°52 | 23°56 | 11°38 | 29°35 | 22°15 | 2° 4 | 3° 3 | 4° 0 | 19°59 | S 3 |
| M 4 T 5 | 18 50 39 18 54 35 | 13°27'13 14°24'40 | 14° 4 25°58 | 2° 1 3°44 | 18°57 20°11 | 13°43 13°52 | 17° 0 17° 9 | 23°59 24° 2 | 11°35 11°33 | 29°34 29°34 | 22°13 22°11 | 2°R 4 2° 4 | 3° 0 2°56 | 4° 7 4°13 | 19°55 19°51 | M 4 T 5 |
| W 6 | 18 58 32 | 15°22'06 | 7 8 51 | 5°25 | 21°24 | 14° 1 | 17°18 | 24° 5 | 11°30 | 29°34 | 22°10 | 2° 3 | 2°53 | 4°20 | 19°47 | W 6 |
| T 7 | 19 2 29 | 16°19'32 | 19°46 | 7° 4 | 22°38 | 14°11 | 17°27 | 24° 8 | 11°28 | 29°34 | 22° 8 | 2° 1 | 2°50 | 4°27 | 19°43 | T 7 |
| F 8 S 9 | 19 6 25 19 10 22 | 17°16'58 18°14'23 | 1 Ⅱ 48 14° 0 | 8°39 10°12 | 23°52 25° 6 | 14°22 14°33 | 17°36 17°45 | 24°11 24°14 | 11°26 11°23 | 29°34 29°34 | 22° 7 22° 5 | 1°59 1°57 | 2°47 2°44 | 4°34 4°40 | 19°39 19°35 | F 8 S 9 |
| | | 18 14 23 19°11'47 | 26°24 | 11°43 | 26°19 | | 17°55 | 24°16 | 11°21 | 29°33 | | | | - | 19°31 | S 10 |
| S 10 M11 | 19 14 18 19 18 15 | 20° 9'12 | 9 9 5 1 | 13°11 | 20°19 27°33 | 14°45 14°58 | 17°55 18° 4 | 24°16 24°19 | 11°18 | 29°33 | 22° 4 22° 2 | 1°55 1°54 | 2°41 2°37 | 4°47 4°54 | 19°31 | M11 |
| T 12 | 19 22 11 | 21° 6'35 | 21°54 | 14°36 | 28°47 | 15°11 | 18°14 | 24°21 | 11°16 | 29°33 | 22° 1 | 1°53 | 2°34 | 5° 1 | 19°23 | T 12 |
| W13 | 19 26 8 | 22° 3'58 | 5 Ω 1 | 15°59 | 0Ω 1 | 15°25 | 18°23 | 24°23 | 11°13 | 29°32 | 21°59 | 1°D53 | 2°31 | 5° 7 | 19°19 | W13 |
| T 14 F 15 | 19 30 5 19 34 1 | 23° 1'20 23°58'42 | 18°23 1 m)58 | 17°18 18°35 | 1°14 2°28 | 15°39 15°54 | 18°33 18°43 | 24°26 24°28 | 11°11 11° 9 | 29°32 29°32 | 21°58 21°56 | 1°53 1°54 | 2°28 2°25 | 5°14 5°21 | 19°15 19°11 | T 14 F 15 |
| S 16 | 19 37 58 | 24°56'03 | 15°45 | 19°49 | 3°42 | 16° 9 | 18°53 | 24°30 | 11° 6 | 29°31 | 21°54 | 1°54 | 2°21 | 5°27 | 19° 7 | S 16 |
| S 17 | 19 41 54 | 25°53'23 | 29°42 | 21° 0 | 4°56 | 16°25 | 19° 3 | 24°32 | 11° 4 | 29°31 | 21°53 | 1°55 | 2°18 | 5°34 | 19° 3 | S 17 |
| M18 | 19 45 51 | 26°50'43 | 13 ≏ 47 | 22° 9 | 6° 9 | 16°42 | 19°13 | 24°33 | 11° 1 | 29°30 | 21°51 | 1°55 | 2°15 | 5°41 | 18°59 | M18 |
| T 19 W20 | 19 49 47 19 53 44 | 27°48'02 28°45'20 | 27°59 12 M l4 | 23°14 24°16 | 7°23 8°37 | 16°59 17°16 | 19°23 19°33 | 24°35 24°37 | 10°59 10°57 | 29°30 29°29 | 21°50 21°48 | 1°R55 1°55 | 2°12 2° 9 | 5°48 5°54 | 18°55 18°51 | T 19 W20 |
| T 21 | 19 53 44 | 28°43'20 29°42'38 | 26°31 | 25°15 | 9°50 | 17°16 | 19°33 | 24°37 24°38 | 10°57 10°54 | 29°28 | 21°48 21°47 | 1°55 | 2° 6 | 6° 1 | 18°48 | T 21 |
| F 22 | 20 1 37 | 0Ω39'55 | 10 × 47 | 26°10 | 11° 4 | 17°53 | 19°54 | 24°40 | 10°52 | 29°28 | 21°45 | 1°55 | 2° 2 | 6° 8 | 18°44 | F 22 |
| S 23 | 20 5 34 | 1°37'12 | 24°56 | 27° 2 | 12°18 | 18°12 | 20° 4 | 24°41 | 10°50 | 29°27 | 21°44 | 1°D55 | 1°59 | 6°14 | 18°40 | S 23 |
| S 24 | 20 9 30 | 2°34'28 | 8 궁 58 | 27°51 | 13°31 | 18°32 | 20°15 | 24°42 | 10°48 | 29°26 | 21°42 | 1°55 | 1°56 | 6°21 | 18°36 | S 24 |
| M25 T 26 | 20 13 27 20 17 23 | 3°31'44 4°29'00 | 22°47 6 ≈ 21 | 28°36 29°17 | 14°45 15°59 | 18°52 19°12 | 20°26 20°36 | 24°43 24°44 | 10°45 10°43 | 29°26 29°25 | 21°41 21°39 | 1°55 1°R55 | 1°53 1°50 | 6°28 6°35 | 18°32 18°29 | M25 T 26 |
| W27 | 20 17 23 20 21 20 | 5°26'15 | 19°38 | 29°55 | 17°12 | 19°12 | 20°47 | 24°45 | 10°43 | 29°24 | 21°38 | 1°55 | 1°47 | 6°41 | 18°25 | W27 |
| T 28 | 20 25 16 | 6°23'31 | 2 ∺ 37 | 0 Mp 28 | 18°26 | 19°54 | 20°58 | 24°46 | 10°39 | 29°23 | 21°36 | 1°54 | 1°43 | 6°48 | 18°21 | T 28 |
| F 29 | 20 29 13 | 7°20'46 | 15°19 | 0°57 | 19°40 | 20°16 | 21° 9 | 24°47 | 10°37 | 29°23 | 21°35 | 1°54 | 1°40 | 6°55 | 18°18 | F 29 |
| S 30 | 20 33 9 | 8°18'02 | 27°45 | 1°22 | 20°53 | 20°38 | 21°20 | 24°47 | 10°35 | 29°22 | 21°33 | 1°53 | 1°37 | 7° 2 | 18°14 | S 30 |
| S 31 | 20 37 6 | 9 Ω 15'17 | 9 Ƴ 57 | 1 m) 43 | 22 N 7 | 21M 1 | 21 Mp 31 | 24 Y 48 | 10 る 33 | 29 米 21 | 21 る 32 | 1≈52 | 1≈34 | 7 8 8 | 18 궁 10 | S 31 |

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| M 1 | 20 41 3 | 10Ω12'33 | 21 Y 59 | 1 m 59 | 23 Ω 21 | 21 M 24 | 21 Mp 42 | 24 Y 48 | 10°R31 | 29°R20 | 21°R30 | 1°R52 | 1≈31 | 7 8 15 | 18°R 7 | M 1 |
| T 2 | 20 44 59 | 11° 9'50 | 3 8 55 | 2°11 | 24°34 | 21°47 | 21°53 | 24°49 | 10 る 28 | 29 米 19 | 21る29 | 1≈51 | 1°27 | 7°22 | 18 궁 3 | T 2 |
| W 3 | 20 48 56 | 12° 7'07 | 15°48 | 2°18 | 25°48 | 22°11 | 22° 5 | 24°49 | 10°27 | 29°18 | 21°27 | 1°D51 | 1°24 | 7°28 | 18° 0 | W 3 |
| T 4 | 20 52 52 | 13° 4'24 | 27°44 | 2°R20 | 27° 1 | 22°35 | 22°16 | 24°49 | 10°25 | 29°17 | 21°26 | 1°51 | 1°21 | 7°35 | 17°57 | T 4 |
| F 5 | 20 56 49 | 14° 1'41 | 9 Ⅱ 47 | 2°18 | 28°15 | 23° 0 | 22°27 | 24°R49 | 10°23 | 29°16 | 21°25 | 1°52 | 1°18 | 7°42 | 17°53 | F 5 |
| S 6 | 21 0 45 | 14°58'59 | 22° 2 | 2°10 | 29°29 | 23°25 | 22°39 | 24°49 | 10°21 | 29°15 | 21°23 | 1°53 | 1°15 | 7°49 | 17°50 | S 6 |
| S 7 | 21 4 42 | 15°56'18 | 4931 | 1°58 | 0 Mp 42 | 23°50 | 22°50 | 24°49 | 10°19 | 29°14 | 21°22 | 1°54 | 1°12 | 7°55 | 17°47 | S 7 |
| M 8 | 21 8 38 | 16°53'37 | 17°19 | 1°42 | 1°56 | 24°16 | 23° 2 | 24°49 | 10°17 | 29°13 | 21°20 | 1°55 | 1° 8 | 8° 2 | 17°43 | M 8 |
| T 9 | 21 12 35 | 17°50'56 | $0\Omega 26$ | 1°20 | 3° 9 | 24°42 | 23°14 | 24°48 | 10°15 | 29°12 | 21°19 | 1°R56 | 1° 5 | 8° 9 | 17°40 | T 9 |
| W10 | 21 16 32 | 18°48'15 | 13°53 | 0°55 | 4°23 | 25° 8 | 23°25 | 24°48 | 10°13 | 29°11 | 21°18 | 1°56 | 1° 2 | 8°15 | 17°37 | W10 |
| T 11 | 21 20 28 | 19°45'35 | 27°39 | 0°26 | 5°37 | 25°35 | 23°37 | 24°47 | 10°12 | 29° 9 | 21°16 | 1°54 | 0°59 | 8°22 | 17°34 | T 11 |
| F 12 | 21 24 25 | 20°42'55 | 11 m)41 | 29 £ 53 | 6°50 | 26° 2 | 23°49 | 24°46 | 10°10 | 29° 8 | 21°15 | 1°52 | 0°56 | 8°29 | 17°31 | F 12 |
| S 13 | 21 28 21 | 21°40'16 | 25°55 | 29°17 | 8° 4 | 26°29 | 24° 1 | 24°46 | 10° 8 | 29° 7 | 21°14 | 1°50 | 0°53 | 8°36 | 17°28 | S 13 |
| S 14 | 21 32 18 | 22°37'37 | 10 ≏ 17 | 28°38 | 9°17 | 26°57 | 24°13 | 24°45 | 10° 7 | 29° 6 | 21°13 | 1°47 | 0°49 | 8°42 | 17°25 | S 14 |
| M15 | 21 36 14 | 23°34'57 | 24°40 | 27°58 | 10°31 | 27°25 | 24°25 | 24°44 | 10° 5 | 29° 5 | 21°11 | 1°45 | 0°46 | 8°49 | 17°23 | M15 |
| T 16 | 21 40 11 | 24°32'19 | 9 ™ 2 | 27°16 | 11°44 | 27°53 | 24°37 | 24°43 | 10° 4 | 29° 3 | 21°10 | 1°43 | 0°43 | 8°56 | 17°20 | T 16 |
| W17 | 21 44 7 | 25°29'40 | 23°18 | 26°33 | 12°58 | 28°22 | 24°49 | 24°42 | 10° 2 | 29° 2 | 21° 9 | 1°D43 | 0°40 | 9° 3 | 17°17 | W17 |
| T 18 | 21 48 4 | 26°27'02 | 7 ₹ 26 | 25°51 | 14°11 | 28°51 | 25° 1 | 24°40 | 10° 1 | 29° 1 | 21° 8 | 1°43 | 0°37 | 9° 9 | 17°15 | T 18 |
| F 19 | 21 52 1 | 27°24'24 | 21°23 | 25° 9 | 15°25 | 29°20 | 25°13 | 24°39 | 9°59 | 28°59 | 21° 7 | 1°44 | 0°33 | 9°16 | 17°12 | F 19 |
| S 20 | 21 55 57 | 28°21'46 | 5 る 10 | 24°29 | 16°38 | 29°50 | 25°25 | 24°37 | 9°58 | 28°58 | 21° 5 | 1°45 | 0°30 | 9°23 | 17°10 | S 20 |
| S 21 | 21 59 54 | 29°19'09 | 18°45 | 23°52 | 17°52 | 0 才 19 | 25°38 | 24°36 | 9°57 | 28°57 | 21° 4 | 1°47 | 0°27 | 9°29 | 17° 7 | S 21 |
| M22 | 22 3 50 | 0 Mp 16'32 | 2≈ 8 | 23°17 | 19° 5 | 0°49 | 25°50 | 24°34 | 9°55 | 28°55 | 21° 3 | 1°R47 | 0°24 | 9°36 | 17° 5 | M22 |
| T 23 | 22 7 47 | 1°13'56 | 15°19 | 22°47 | 20°19 | 1°20 | 26° 2 | 24°32 | 9°54 | 28°54 | 21° 2 | 1°47 | 0°21 | 9°43 | 17° 3 | T 23 |
| W24 | 22 11 43 | 2°11'20 | 28°16 | 22°20 | 21°32 | 1°50 | 26°15 | 24°31 | 9°53 | 28°53 | 21° 1 | 1°44 | 0°18 | 9°50 | 17° 0 | W24 |
| T 25 | 22 15 40 | 3° 8'45 | 11) 1 | 21°59 | 22°46 | 2°21 | 26°27 | 24°29 | 9°52 | 28°51 | 21° 0 | 1°41 | 0°14 | 9°56 | 16°58 | T 25 |
| F 26 | 22 19 36 | 4° 6'10 | 23°33 5 Y 52 | 21°43 | 23°59 | 2°52 | 26°40 | 24°27 | 9°51 | 28°50 | 20°59 | 1°36 | 0°11 | 10° 3 | 16°56 | F 26 |
| S 27 | 22 23 33 | 5° 3'37 | | 21°33 | 25°12 | 3°24 | 26°52 | 24°25 | 9°50 | 28°48 | 20°58 | 1°30 | 0° 8 | 10°10 | 16°54 | S 27 |
| S 28 | 22 27 30 | 6° 1'04 | 18° 1 | 21°D29 | 26°26 | 3°55 | 27° 5 | 24°22 | 9°48 | 28°47 | 20°57 | 1°24 | 0° 5 | 10°16 | 16°52 | S 28 |
| M29 | 22 31 26 | 6°58'33 | 08 1 | 21°31 | 27°39 | 4°27 | 27°17 | 24°20 | 9°48 | 28°45 | 20°56 | 1°19 | <u>0°</u> 2 | 10°23 | 16°50 | M29 |
| T 30 | 22 35 23 | 7°56'03 | 11°55 | 21°40 | 28°53 | 4°59 | 27°30 | 24°18 | 9°47 | 28°44 | 20°55 | 1°15 | 29 중 59 | 10°30 | 16°49 | T 30 |
| W31 | 22 39 19 | 8 m 53'34 | 23 8 47 | 21 Ω 55 | 0 호 6 | 5 ₹ 32 | 27 Mp 42 | 24 Υ 15 | 9 ප 46 | 28) (42 | 20 궁 54 | 1≈12 | 29 궁 55 | 10 8 37 | 16 る 47 | W31 |

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| T 1 | 22 43 16 | 9 m 51'06 | 5 ∏ 42 | 22 \O 18 | 1 ≏ 19 | 6 ₹ 4 | 27 m 55 | 24°R13 | 9°R45 | 28°R41 | 20°R53 | 1°D11 | 29 궁 52 | 10843 | 16°R45 | T 1 |
| F 2 | 22 47 12 | 10°48'40 | 17°43 | 22°47 | 2°33 | 6°37 | 28° 8 | 24 Υ 10 | 9 궁 44 | 28 米 39 | 20 る 52 | 1≈11 | 29°49 | 10°50 | 16 පි 44 | F 2 |
| S 3 | 22 51 9 | 11°46'14 | 29°57 | 23°23 | 3°46 | 7°10 | 28°20 | 24° 7 | 9°43 | 28°38 | 20°51 | 1°12 | 29°46 | 10°57 | 16°43 | S 3 |
| S 4 | 22 55 5 | 12°43'50 | 129527 | 24° 6 | 4°59 | 7°43 | 28°33 | 24° 5 | 9°43 | 28°36 | 20°51 | 1°13 | 29°43 | 11° 4 | 16°41 | S 4 |
| M 5 | 22 59 2 | 13°41'28 | 25°17 | 24°55 | 6°13 | 8°17 | 28°46 | 24° 2 | 9°42 | 28°34 | 20°50 | 1°R14 | 29°39 | 11°10 | 16°40 | M 5 |
| T 6 | 23 2 59 | 14°39'06 | 8 Ω 32 | 25°51 | 7°26 | 8°50 | 28°59 | 23°59 | 9°41 | 28°33 | 20°49 | 1°14 | 29°36 | 11°17 | 16°39 | T 6 |
| W 7 | 23 6 55 | 15°36'46 | 22°12 | 26°53 | 8°39 | 9°24 | 29°11 | 23°56 | 9°41 | 28°31 | 20°48 | 1°12 | 29°33 | 11°24 | 16°38 | W 7 |
| T 8 | 23 10 52 | 16°34'27 | 6Mp17 | 28° 2 | 9°52 | 9°59 | 29°24 | 23°52 | 9°40 | 28°30 | 20°48 | 1° 9 | 29°30 | 11°30 | 16°37 | T 8 |
| F 9 | 23 14 48 | 17°32'09 | 20°42 | 29°16 | 11° 6 | 10°33 | 29°37 | 23°49 | 9°40 | 28°28 | 20°47 | 1° 3 | 29°27 | 11°37 | 16°36 | F 9 |
| S 10 | 23 18 45 | 18°29'53 | 5 ≏ 23 | 0 m /36 | 12°19 | 11° 7 | 29°50 | 23°46 | 9°39 | 28°26 | 20°46 | 0°56 | 29°24 | 11°44 | 16°35 | S 10 |
| S 11 | 23 22 41 | 19°27'37 | 20°11 | 2° 1 | 13°32 | 11°42 | 0 ₾ 3 | 23°43 | 9°39 | 28°25 | 20°46 | 0°49 | 29°20 | 11°51 | 16°34 | S 11 |
| M12 | 23 26 38 | 20°25'23 | 4 M .59 | 3°32 | 14°45 | 12°17 | 0°16 | 23°39 | 9°39 | 28°23 | 20°45 | 0°42 | 29°17 | 11°57 | 16°33 | M12 |
| T 13 | 23 30 34 | 21°23'09 | 19°39 | 5° 7 | 15°58 | 12°52 | 0°29 | 23°36 | 9°39 | 28°22 | 20°44 | 0°36 | 29°14 | 12° 4 | 16°33 | T 13 |
| W14 | 23 34 31 | 22°20'57 | 4 ₹ 5 | 6°46 | 17°12 | 13°28 | 0°42 | 23°32 | 9°38 | 28°20 | 20°44 | 0°33 | 29°11 | 12°11 | 16°32 | W14 |
| T 15 | 23 38 28 | 23°18'46 | 18°14 | 8°28 | 18°25 | 14° 3 | 0°54 | 23°29 | 9°38 | 28°18 | 20°43 | 0°D32 | 29° 8 | 12°17 | 16°32 | T 15 |
| F 16 | 23 42 24 | 24°16'36 | 2 る 5 | 10°15 | 19°38 | 14°39 | 1° 7 | 23°25 | 9°38 | 28°17 | 20°43 | 0°32 | 29° 5 | 12°24 | 16°32 | F 16 |
| S 17 | 23 46 21 | 25°14'27 | 15°38 | 12° 4 | 20°51 | 15°15 | 1°20 | 23°21 | 9°D38 | 28°15 | 20°43 | 0°33 | 29° 1 | 12°31 | 16°31 | S 17 |
| S 18 | 23 50 17 | 26°12'19 | 28°55 | 13°55 | 22° 4 | 15°51 | 1°33 | 23°17 | 9°38 | 28°13 | 20°42 | 0°R33 | 28°58 | 12°38 | 16°31 | S 18 |
| M19 | 23 54 14 | 27°10'12 | 11≈57 | 15°48 | 23°17 | 16°28 | 1°46 | 23°13 | 9°38 | 28°12 | 20°42 | 0°33 | 28°55 | 12°44 | 16°D31 | M19 |
| T 20 | 23 58 10 | 28° 8'06 | 24°47 | 17°43 | 24°30 | 17° 4 | 1°59 | 23°10 | 9°38 | 28°10 | 20°41 | 0°30 | 28°52 | 12°51 | 16°31 | T 20 |
| W21 | 0 2 7 | 29° 6'01 | 7 ∺ 25 | 19°40 | 25°43 | 17°41 | 2°12 | 23° 6 | 9°38 | 28° 9 | 20°41 | 0°25 | 28°49 | 12°58 | 16°31 | W21 |
| T 22 | 0 6 3 | 0 ♀ 3'58 | 19°53 | 21°37 | 26°56 | 18°18 | 2°25 | 23° 2 | 9°39 | 28° 7 | 20°41 | 0°17 | 28°45 | 13° 4 | 16°31 | T 22 |
| F 23 | 0 10 0 | 1° 1'56 | 2 Υ 12 | 23°34 | 28° 9 | 18°55 | 2°38 | 22°57 | 9°39 | 28° 5 | 20°40 | <u>0°</u> 7 | 28°42 | 13°11 | 16°32 | F 23 |
| S 24 | 0 13 56 | 1°59'56 | 14°22 | 25°32 | 29°22 | 19°32 | 2°51 | 22°53 | 9°39 | 28° 4 | 20°40 | 29 궁 56 | 28°39 | 13°18 | 16°32 | S 24 |
| S 25 | 0 17 53 | 2°57'58 | 26°25 | 27°30 | 0 M .35 | 20° 9 | 3° 4 | 22°49 | 9°40 | 28° 2 | 20°40 | 29°44 | 28°36 | 13°25 | 16°32 | S 25 |
| M26 | 0 21 50 | 3°56'01 | 8 8 21 | 29°28 | 1°48 | 20°47 | 3°17 | 22°45 | 9°40 | 28° 0 | 20°40 | 29°33 | 28°33 | 13°31 | 16°33 | M26 |
| T 27 | 0 25 46 | 4°54'05 | 20°13 | 1 ≏ 25 | 3° 1 | 21°24 | 3°30 | 22°41 | 9°40 | 27°59 | 20°40 | 29°24 | 28°30 | 13°38 | 16°34 | T 27 |
| W28 | 0 29 43 | 5°52'12 | 2 I I 4 | 3°21 | 4°14 | 22° 2 | 3°43 | 22°36 | 9°41 | 27°57 | 20°39 | 29°16 | 28°26 | 13°45 | 16°34 | W28 |
| T 29 | 0 33 39 | 6°50'20 | 13°57 | 5°17 | 5°27 | 22°40 | 3°56 | 22°32 | 9°42 | 27°55 | 20°39 | 29°11 | 28°23 | 13°51 | 16°35 | T 29 |
| F 30 | 0 37 36 | 7 ≏ 48'31 | 25 Ⅱ 56 | 7 ≗ 12 | 6 M 40 | 23 х 18 | 4 º 9 | 22 Y 28 | 9 궁 42 | 27) 54 | 20 궁 39 | 29중 9 | 28 ට 20 | 13 8 58 | 16 ප 36 | F 30 |

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|------|---------|-------------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------|----------------|---------------|----------------|------|
| S 1 | 0 41 32 | 8 ≏ 46'43 | 8 9 6 | 9 ჲ 6 | 7 M .52 | 23 × 757 | 4 Ω 22 | 22°R23 | 9 ප 43 | 27°R52 | 20°D39 | 29°D 8 | 28 궁 17 | 14 8 5 | 16 ට 37 | S 1 |
| S 2 | 0 45 29 | 9°44'57 | 20°33 | 10°59 | 9° 5 | 24°35 | 4°35 | 22 Y 19 | 9°44 | 27 米 51 | 20중39 | 29중 8 | 28°14 | 14°12 | 16°38 | S 2 |
| M 3 | 0 49 25 | 10°43'13 | 3 Ω 21 | 12°52 | 10°18 | 25°14 | 4°48 | 22°14 | 9°44 | 27°49 | 20°39 | 29°R 9 | 28°10 | 14°18 | 16°39 | M 3 |
| T 4 | 0 53 22 | 11°41'31 | 16°34 | 14°43 | 11°31 | 25°52 | 5° 1 | 22°10 | 9°45 | 27°47 | 20°39 | 29° 7 | 28° 7 | 14°25 | 16°40 | T 4 |
| W 5 | 0 57 19 | 12°39'51 | 0 m /16 | 16°33 | 12°44 | 26°31 | 5°14 | 22° 5 | 9°46 | 27°46 | 20°40 | 29° 4 | 28° 4 | 14°32 | 16°42 | W 5 |
| T 6 | 1 1 15 | 13°38'13 | 14°27 | 18°22 | 13°56 | 27°10 | 5°27 | 22° 1 | 9°47 | 27°44 | 20°40 | 28°58 | 28° 1 | 14°38 | 16°43 | T 6 |
| F 7 | 1 5 12 | 14°36'37 | 29° 5 | 20° 9 | 15° 9 | 27°50 | 5°40 | 21°56 | 9°48 | 27°43 | 20°40 | 28°50 | 27°58 | 14°45 | 16°44 | F 7 |
| S 8 | 1 9 8 | 15°35'02 | 14 ₾ 3 | 21°56 | 16°22 | 28°29 | 5°53 | 21°52 | 9°49 | 27°41 | 20°40 | 28°40 | 27°55 | 14°52 | 16°46 | S 8 |
| S 9 | 1 13 5 | 16°33'30 | 29°12 | 23°42 | 17°34 | 29° 8 | 6° 6 | 21°47 | 9°50 | 27°40 | 20°40 | 28°29 | 27°51 | 14°59 | 16°48 | S 9 |
| M10 | 1 17 1 | 17°31'59 | 14ML22 | 25°26 | 18°47 | 29°48 | 6°19 | 21°42 | 9°51 | 27°38 | 20°40 | 28°19 | 27°48 | 15° 5 | 16°49 | M10 |
| T 11 | 1 20 58 | 18°30'30 | 29°22 | 27°10 | 20° 0 | 0 3 28 | 6°32 | 21°38 | 9°52 | 27°37 | 20°41 | 28°10 | 27°45 | 15°12 | 16°51 | T 11 |
| W12 | 1 24 54 | 19°29'02 | 14 % 5 | 28°52 | 21°12 | 1° 8 | 6°44 | 21°33 | 9°54 | 27°35 | 20°41 | 28° 4 | 27°42 | 15°19 | 16°53 | W12 |
| T 13 | 1 28 51 | 20°27'36 | 28°25 | 0 M .34 | 22°25 | 1°48 | 6°57 | 21°28 | 9°55 | 27°34 | 20°41 | 28° 0 | 27°39 | 15°26 | 16°55 | T 13 |
| F 14 | 1 32 48 | 21°26'12 | 12 る 20 | 2°14 | 23°37 | 2°28 | 7°10 | 21°24 | 9°56 | 27°32 | 20°42 | 27°59 | 27°36 | 15°32 | 16°57 | F 14 |
| S 15 | 1 36 44 | 22°24'49 | 25°51 | 3°53 | 24°50 | 3° 8 | 7°23 | 21°19 | 9°58 | 27°31 | 20°42 | 27°59 | 27°32 | 15°39 | 16°59 | S 15 |
| S 16 | 1 40 41 | 23°23'28 | 9≈ 0 | 5°32 | 26° 2 | 3°49 | 7°36 | 21°15 | 9°59 | 27°29 | 20°43 | 27°59 | 27°29 | 15°46 | 17° 2 | S 16 |
| M17 | 1 44 37 | 24°22'08 | 21°51 | 7° 9 | 27°15 | 4°29 | 7°48 | 21°10 | 10° 1 | 27°28 | 20°43 | 27°57 | 27°26 | 15°52 | 17° 4 | M17 |
| T 18 | 1 48 34 | 25°20'50 | 4) (26 | 8°46 | 28°27 | 5°10 | 8° 1 | 21° 5 | 10° 2 | 27°26 | 20°44 | 27°53 | 27°23 | 15°59 | 17° 6 | T 18 |
| W19 | 1 52 30 | 26°19'33 | 16°50 | 10°21 | 29°40 | 5°51 | 8°14 | 21° 1 | 10° 4 | 27°25 | 20°44 | 27°47 | 27°20 | 16° 6 | 17° 9 | W19 |
| T 20 | 1 56 27 | 27°18'18 | 29° 5 | 11°56 | 0 ₹ 52 | 6°32 | 8°26 | 20°56 | 10° 5 | 27°24 | 20°45 | 27°37 | 27°16 | 16°13 | 17°11 | T 20 |
| F 21 | 2 0 23 | 28°17'05 | 11 Y 12 | 13°30 | 2° 5 | 7°13 | 8°39 | 20°52 | 10° 7 | 27°22 | 20°45 | 27°25 | 27°13 | 16°19 | 17°14 | F 21 |
| S 22 | 2 4 20 | 29°15'54 | 23°13 | 15° 3 | 3°17 | 7°54 | 8°52 | 20°47 | 10° 9 | 27°21 | 20°46 | 27°11 | 27°10 | 16°26 | 17°17 | S 22 |
| S 23 | 2 8 16 | 0 M .14'44 | 5 8 10 | 16°35 | 4°29 | 8°35 | 9° 4 | 20°42 | 10°10 | 27°20 | 20°47 | 26°57 | 27° 7 | 16°33 | 17°19 | S 23 |
| M24 | 2 12 13 | 1°13'37 | 17° 3 | 18° 6 | 5°41 | 9°17 | 9°17 | 20°38 | 10°12 | 27°18 | 20°47 | 26°43 | 27° 4 | 16°39 | 17°22 | M24 |
| T 25 | 2 16 10 | 2°12'32 | 28°54 | 19°36 | 6°54 | 9°58 | 9°29 | 20°33 | 10°14 | 27°17 | 20°48 | 26°31 | 27° 1 | 16°46 | 17°25 | T 25 |
| W26 | 2 20 6 | 3°11'28 | 10 Ⅱ 45 | 21° 5 | 8° 6 | 10°40 | 9°42 | 20°29 | 10°16 | 27°16 | 20°49 | 26°21 | 26°57 | 16°53 | 17°28 | W26 |
| T 27 | 2 24 3 | 4°10'27 | 22°38 | 22°34 | 9°18 | 11°22 | 9°54 | 20°24 | 10°18 | 27°14 | 20°50 | 26°15 | 26°54 | 17° 0 | 17°31 | T 27 |
| F 28 | 2 27 59 | 5° 9'28 | 4938 | 24° 1 | 10°30 | 12° 3 | 10° 6 | 20°20 | 10°20 | 27°13 | 20°50 | 26°11 | 26°51 | 17° 6 | 17°35 | F 28 |
| S 29 | 2 31 56 | 6° 8'31 | 16°47 | 25°28 | 11°42 | 12°45 | 10°19 | 20°16 | 10°22 | 27°12 | 20°51 | 26° 9 | 26°48 | 17°13 | 17°38 | S 29 |
| S 30 | 2 35 52 | 7° 7'37 | 29°11 | 26°54 | 12°54 | 13°28 | 10°31 | 20°11 | 10°24 | 27°11 | 20°52 | 26°D 9 | 26°45 | 17°20 | 17°41 | S 30 |
| M31 | 2 39 49 | 8M 6'44 | 11 Ω 54 | 28 M 18 | 14 才 6 | 14 궁 10 | 10 ≏ 43 | 20 ° 7 | 10 궁 26 | 27 米 10 | 20 궁 53 | 26°R 9 | 26 궁 42 | 17826 | 17 ろ 44 | M31 |

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|------|---------|-------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|------|
| T 1 | 2 43 45 | 9M 5'54 | 25 Ω 2 | 29 TL 42 | 15 × 18 | 14 る 52 | 10 ♀ 55 | 20°R 3 | 10중28 | 27°R 9 | 20 궁 54 | 26°R 8 | 26 궁 38 | 17 8 33 | 17 る 48 | T 1 |
| W 2 | 2 47 42 | 10° 5'06 | 8 m 38 | 1 √ 5 | 16°30 | 15°34 | 11° 7 | 19 Y 59 | 10°31 | 27) 7 | 20°55 | 26중 5 | 26°35 | 17°40 | 17°51 | W 2 |
| T 3 | 2 51 39 | 11° 4'20 | 22°43 | 2°27 | 17°42 | 16°17 | 11°20 | 19°54 | 10°33 | 27° 6 | 20°56 | 26° 0 | 26°32 | 17°47 | 17°55 | T 3 |
| F 4 | 2 55 35 | 12° 3'37 | 7 ≙ 17 | 3°48 | 18°54 | 16°59 | 11°32 | 19°50 | 10°35 | 27° 5 | 20°57 | 25°52 | 26°29 | 17°53 | 17°59 | F 4 |
| S 5 | 2 59 32 | 13° 2'55 | 22°16 | 5° 8 | 20° 6 | 17°42 | 11°44 | 19°46 | 10°37 | 27° 4 | 20°58 | 25°42 | 26°26 | 18° 0 | 18° 2 | S 5 |
| S 6 | 3 3 28 | 14° 2'16 | 7 M J31 | 6°26 | 21°18 | 18°25 | 11°56 | 19°42 | 10°40 | 27° 3 | 20°59 | 25°32 | 26°22 | 18° 7 | 18° 6 | S 6 |
| M 7 | 3 7 25 | 15° 1'39 | 22°51 | 7°44 | 22°30 | 19° 8 | 12° 7 | 19°38 | 10°42 | 27° 2 | 21° 0 | 25°22 | 26°19 | 18°13 | 18°10 | M 7 |
| T 8 | 3 11 21 | 16° 1'04 | 8 才 5 | 9° 0 | 23°42 | 19°51 | 12°19 | 19°34 | 10°45 | 27° 1 | 21° 1 | 25°13 | 26°16 | 18°20 | 18°14 | T 8 |
| W 9 | 3 15 18 | 17° 0'30 | 2 <u>3</u> ° 2 | 10°14 | 24°53 | 20°34 | 12°31 | 19°30 | 10°47 | 27° 0 | 21° 3 | 25° 7 | 26°13 | 18°27 | 18°18 | W 9 |
| T 10 | 3 19 14 | 17°59'59 | 7 궁 36 | 11°27 | 26° 5 | 21°17 | 12°43 | 19°27 | 10°50 | 27° 0 | 21° 4 | 25° 3 | 26°10 | 18°34 | 18°22 | T 10 |
| F 11 | 3 23 11 | 18°59'29 | 21°42 | 12°39 | 27°17 | 22° 1 | 12°54 | 19°23 | 10°52 | 26°59 | 21° 5 | 25°D 2 | 26° 7 | 18°40 | 18°26 | F 11 |
| S 12 | 3 27 8 | 19°59'01 | 5≈20 | 13°49 | 28°28 | 22°44 | 13° 6 | 19°19 | 10°55 | 26°58 | 21° 6 | 25° 2 | 26° 3 | 18°47 | 18°30 | S 12 |
| S 13 | 3 31 4 | 20°58'34 | 18°32 | 14°56 | 29°40 | 23°27 | 13°18 | 19°16 | 10°58 | 26°57 | 21° 7 | 25°R 3 | 26° 0 | 18°54 | 18°35 | S 13 |
| M14 | 3 35 1 | 21°58'09 | 1 ∺ 21 | 16° 2 | 0 궁 52 | 24°11 | 13°29 | 19°12 | 11° 0 | 26°56 | 21° 9 | 25° 2 | 25°57 | 19° 0 | 18°39 | M14 |
| T 15 | 3 38 57 | 22°57'45 | 13°52 | 17° 5 | 2° 3 | 24°55 | 13°40 | 19° 9 | 11° 3 | 26°56 | 21°10 | 25° 0 | 25°54 | 19° 7 | 18°43 | T 15 |
| W16 | 3 42 54 | 23°57'23 | 26° 9 | 18° 6 | 3°15 | 25°38 | 13°52 | 19° 5 | 11° 6 | 26°55 | 21°11 | 24°56 | 25°51 | 19°14 | 18°48 | W16 |
| T 17 | 3 46 50 | 24°57'03 | 8 Y 15 | 19° 3 | 4°26 | 26°22 | 14° 3 | 19° 2 | 11° 8 | 26°54 | 21°13 | 24°48 | 25°48 | 19°20 | 18°52 | T 17 |
| F 18 | 3 50 47 | 25°56'45 | 20°15 | 19°58 | 5°37 | 27° 6 | 14°14 | 18°59 | 11°11 | 26°53 | 21°14 | 24°39 | 25°44 | 19°27 | 18°57 | F 18 |
| S 19 | 3 54 43 | 26°56'28 | 2810 | 20°49 | 6°48 | 27°50 | 14°25 | 18°56 | 11°14 | 26°53 | 21°16 | 24°28 | 25°41 | 19°34 | 19° 2 | S 19 |
| S 20 | 3 58 40 | 27°56'13 | 14° 2 | 21°36 | 8° 0 | 28°34 | 14°36 | 18°53 | 11°17 | 26°52 | 21°17 | 24°17 | 25°38 | 19°41 | 19° 6 | S 20 |
| M21 | 4 2 37 | 28°56'00 | 25°54 | 22°19 | 9°11 | 29°18 | 14°47 | 18°50 | 11°20 | 26°52 | 21°19 | 24° 6 | 25°35 | 19°47 | 19°11 | M21 |
| T 22 | 4 6 33 | 29°55'49 | 7 Ⅱ 47 | 22°57 | 10°22 | 0≈ 3 | 14°58 | 18°47 | 11°23 | 26°51 | 21°20 | 23°56 | 25°32 | 19°54 | 19°16 | T 22 |
| W23 | 4 10 30 | 0 ≯ 55'40 | 19°42 | 23°30 | 11°33 | 0°47 | 15° 9 | 18°44 | 11°26 | 26°51 | 21°22 | 23°49 | 25°28 | 20° 1 | 19°21 | W23 |
| T 24 | 4 14 26 | 1°55'33 | 19542 | 23°57 | 12°44 | 1°31 | 15°20 | 18°41 | 11°29 | 26°50 | 21°23 | 23°44 | 25°25 | 20° 7 | 19°25 | T 24 |
| F 25 | 4 18 23 | 2°55'27 | 13°47 | 24°17 | 13°55 | 2°16 | 15°31 | 18°38 | 11°32 | 26°50 | 21°25 | 23°41 | 25°22 | 20°14 | 19°30 | F 25 |
| S 26 | 4 22 19 | 3°55'24 | 26° 2 | 24°30 | 15° 6 | 3° 0 | 15°41 | 18°36 | 11°35 | 26°49 | 21°26 | 23°D41 | 25°19 | 20°21 | 19°35 | S 26 |
| S 27 | 4 26 16 | 4°55'23 | 8 N 30 | 24°R36 | 16°17 | 3°45 | 15°52 | 18°33 | 11°38 | 26°49 | 21°28 | 23°42 | 25°16 | 20°28 | 19°40 | S 27 |
| M28 | 4 30 13 | 5°55'23 | 21°14 | 24°33 | 17°27 | 4°29 | 16° 2 | 18°31 | 11°41 | 26°49 | 21°30 | 23°43 | 25°13 | 20°34 | 19°46 | M28 |
| T 29 | 4 34 9 | 6°55'26 | 4 Mp 18 | 24°21 | 18°38 | 5°14 | 16°12 | 18°29 | 11°44 | 26°48 | 21°31 | 23°R44 | 25° 9 | 20°41 | 19°51 | T 29 |
| W30 | 4 38 6 | 7 .₹ 55'31 | 17 M)46 | 23 × 759 | 19 る 49 | 5≈59 | 16 ≏ 23 | 18 Y 26 | 11 궁 48 | 26) (48 | 21 궁 33 | 23 궁 43 | 25 궁 6 | 20 8 48 | 19 る 56 | W30 |

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| Day | Sid.t | \odot |)) | φ | φ | o ⁷ | 4 | ħ |)ұ(| ¥ | 5 | ß | Ω | ţ | δ | Day |
|------|---------|-------------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|----------------|------|
| T 1 | 4 42 2 | 8 ₹ 755'38 | 1 ≏ 40 | 23°R28 | 20 궁 59 | 6≈44 | 16 ≏ 33 | 18°R24 | 11 る 51 | 26°R48 | 21 궁 35 | 23°R41 | 25중 3 | 20854 | 20 ට 1 | T 1 |
| F 2 | 4 45 59 | 9°55'46 | 16° 1 | 22 .7 47 | 22° 9 | 7°29 | 16°43 | 18 Y 22 | 11°54 | 26) 47 | 21°36 | 23 云 37 | 25° 0 | 21° 1 | 20° 6 | F 2 |
| S 3 | 4 49 55 | 10°55'57 | 0 M .45 | 21°56 | 23°20 | 8°14 | 16°53 | 18°20 | 11°57 | 26°47 | 21°38 | 23°31 | 24°57 | 21° 8 | 20°12 | S 3 |
| S 4 | 4 53 52 | 11°56'10 | 15°47 | 20°56 | 24°30 | 8°59 | 17° 3 | 18°19 | 12° 1 | 26°47 | 21°40 | 23°25 | 24°54 | 21°15 | 20°17 | S 4 |
| M 5 | 4 57 48 | 12°56'25 | 0 ₹ 59 | 19°48 | 25°40 | 9°44 | 17°12 | 18°17 | 12° 4 | 26°47 | 21°42 | 23°18 | 24°50 | 21°21 | 20°23 | M 5 |
| T 6 | 5 1 45 | 13°56'41 | 1 <u>6</u> °10 | 18°34 | 26°50 | 10°29 | 17°22 | 18°15 | 12° 7 | 26°47 | 21°43 | 23°13 | 24°47 | 21°28 | 20°28 | T 6 |
| W 7 | 5 5 42 | 14°57'00 | 1 궁 10 | 17°16 | 28° 1 | 11°14 | 17°32 | 18°14 | 12°11 | 26°47 | 21°45 | 23° 9 | 24°44 | 21°35 | 20°33 | W 7 |
| T 8 | 5 9 38 | 15°57'19 | 15°50 | 15°55 | 29°10 | 12° 0 | 17°41 | 18°12 | 12°14 | 26°D47 | 21°47 | 23° 8 | 24°41 | 21°41 | 20°39 | T 8 |
| F 9 | 5 13 35 | 16°57'40 | 0≈ 6 | 14°35 | 0≈20 | 12°45 | 17°50 | 18°11 | 12°17 | 26°47 | 21°49 | 23°D 8 | 24°38 | 21°48 | 20°45 | F 9 |
| S 10 | 5 17 31 | 17°58'03 | 13°53 | 13°19 | 1°30 | 13°31 | 18° 0 | 18°10 | 12°21 | 26°47 | 21°51 | 23° 9 | 24°34 | 21°55 | 20°50 | S 10 |
| S 11 | 5 21 28 | 18°58'26 | 27°14 | 12° 8 | 2°40 | 14°16 | 18° 9 | 18° 9 | 12°24 | 26°47 | 21°53 | 23°11 | 24°31 | 22° 2 | 20°56 | S 11 |
| M12 | 5 25 24 | 19°58'51 | 10 米 9 | 11° 4 | 3°49 | 15° 2 | 18°18 | 18° 8 | 12°28 | 26°47 | 21°55 | 23°12 | 24°28 | 22° 8 | 21° 2 | M12 |
| T 13 | 5 29 21 | 20°59'17 | 22°43 | 10°11 | 4°59 | 15°47 | 18°27 | 18° 7 | 12°31 | 26°47 | 21°57 | 23°R12 | 24°25 | 22°15 | 21° 7 | T 13 |
| W14 | 5 33 17 | 21°59'45 | 5 ℃ 0 | 9°28 | 6° 8 | 16°33 | 18°35 | 18° 6 | 12°35 | 26°48 | 21°59 | 23°11 | 24°22 | 22°22 | 21°13 | W14 |
| T 15 | 5 37 14 | 23° 0'13 | 17° 4 | 8°57 | 7°17 | 17°19 | 18°44 | 18° 5 | 12°38 | 26°48 | 22° 1 | 23° 9 | 24°19 | 22°28 | 21°19 | T 15 |
| F 16 | 5 41 11 | 24° 0'43 | 29° 0 | 8°37 | 8°26 | 18° 4 | 18°53 | 18° 5 | 12°42 | 26°48 | 22° 2 | 23° 5 | 24°15 | 22°35 | 21°25 | F 16 |
| S 17 | 5 45 7 | 25° 1'14 | 10 8 53 | 8°D29 | 9°35 | 18°50 | 19° 1 | 18° 4 | 12°45 | 26°48 | 22° 4 | 23° 1 | 24°12 | 22°42 | 21°30 | S 17 |
| S 18 | 5 49 4 | 26° 1'46 | 22°44 | 8°32 | 10°44 | 19°36 | 19° 9 | 18° 4 | 12°49 | 26°49 | 22° 6 | 22°56 | 24° 9 | 22°48 | 21°36 | S 18 |
| M19 | 5 53 0 | 27° 2'20 | 4 Ⅱ 37 | 8°46 | 11°53 | 20°22 | 19°17 | 18° 3 | 12°52 | 26°49 | 22° 8 | 22°51 | 24° 6 | 22°55 | 21°42 | M19 |
| T 20 | 5 56 57 | 28° 2'54 | 16°34 | 9° 9 | 13° 1 | 21° 8 | 19°25 | 18° 3 | 12°56 | 26°49 | 22°10 | 22°47 | 24° 3 | 23° 2 | 21°48 | T 20 |
| W21 | 6 0 53 | 2 <u>9°</u> 3'31 | 28°36 | 9°40 | 14°10 | 21°54 | 19°33 | 18°D 3 | 12°59 | 26°50 | 22°13 | 22°44 | 24° 0 | 23° 9 | 21°54 | W21 |
| T 22 | 6 4 50 | 0중 4'08 | 109547 | 10°19 | 15°18 | 22°40 | 19°41 | 18° 3 | 13° 3 | 26°50 | 22°15 | 22°42 | 23°56 | 23°15 | 22° 0 | T 22 |
| F 23 | 6 8 47 | 1° 4'47 | 23° 6 | 11° 5 | 16°26 | 23°26 | 19°49 | 18° 3 | 13° 6 | 26°51 | 22°17 | 22°D41 | 23°53 | 23°22 | 22° 6 | F 23 |
| S 24 | 6 12 43 | 2° 5'27 | 5 Ω 35 | 11°58 | 17°34 | 24°12 | 19°56 | 18° 4 | 13°10 | 26°51 | 22°19 | 22°42 | 23°50 | 23°29 | 22°12 | S 24 |
| S 25 | 6 16 40 | 3° 6'08 | 18°16 | 12°55 | 18°42 | 24°58 | 20° 4 | 18° 4 | 13°14 | 26°52 | 22°21 | 22°43 | 23°47 | 23°35 | 22°18 | S 25 |
| M26 | 6 20 36 | 4° 6'51 | 1 Mp 1 1 | 13°57 | 19°49 | 25°45 | 20°11 | 18° 4 | 13°17 | 26°53 | 22°23 | 22°45 | 23°44 | 23°42 | 22°24 | M26 |
| T 27 | 6 24 33 | 5° 7'35 | 14°22 | 15° 4 | 20°57 | 26°31 | 20°18 | 18° 5 | 13°21 | 26°53 | 22°25 | 22°46 | 23°40 | 23°49 | 22°30 | T 27 |
| W28 | 6 28 29 | 6° 8'20 | 27°50 | 16°13 | 22° 4 | 27°17 | 20°25 | 18° 6 | 13°25 | 26°54 | 22°27 | 22°47 | 23°37 | 23°56 | 22°36 | W28 |
| T 29 | 6 32 26 | 7° 9'07 | 11 ≏ 38 | 17°26 | 23°11 | 28° 3 | 20°32 | 18° 6 | 13°28 | 26°55 | 22°29 | 22°R47 | 23°34 | 24° 2 | 22°42 | T 29 |
| F 30 | 6 36 22 | 8° 9'55 | 25°44 | 18°42 | 24°18 | 28°50 | 20°39 | 18° 7 | 13°32 | 26°55 | 22°31 | 22°46 | 23°31 | 24° 9 | 22°49 | F 30 |
| S 31 | 6 40 19 | 9 ට 10'45 | 10 M 8 | 19 × 759 | 25≈24 | 29≈36 | 20 ≏ 45 | 18 Y 8 | 13 る 36 | 26 米 56 | 22 궁 33 | 22 궁 45 | 23 る 28 | 24816 | 22 궁 55 | S 31 |

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|--------------|------------------|-------------------|----------------|----------------------|-----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|
| S 1 | 6 44 16 | 10 ට 11'36 | 24 M 47 | 21 ~ 19 | 26≈31 | 0) €22 | 20₽52 | 18 Υ 9 | 13 る 39 | 26) 57 | 22 る 36 | 22°R44 | 23 る 25 | 24822 | 23궁 1 | S 1 |
| M 2 | 6 48 12 | 11°12'28 | 9 . ₹34 | 22°40 | 27°37 | 1° 9 | 20°58 | 18°11 | 13°43 | 26°58 | 22°38 | 22 중 42 | 23°21 | 24°29 | 23° 7 | M 2 |
| T 3 | 6 52 9 | 12°13'21 | 2 <u>4</u> °25 | 24° 3 | 28°43 | 1°55 | 21° 4 | 18°12 | 13°47 | 26°59 | 22°40 | 22°41 | 23°18 | 24°36 | 23°13 | T 3 |
| W 4 | 6 56 5 | 13°14'16 | 9 궁 9 | 25°27 | 29°49 | 2°42 | 21°10 | 18°13 | 13°50 | 27° 0 | 22°42 | 22°40 | 23°15 | 24°42 | 23°19 | W 4 |
| T 5 | 7 0 2 | 14°15'11 | 23°42 | 26°52 | 0) € 54 | 3°28 | 21°16 | 18°15 | 13°54 | 27° 1 | 22°44 | 22°D40 | 23°12 | 24°49 | 23°26 | T 5 |
| F 6 | 7 3 58 | 15°16'07 | 7 ≈ 55 | 28°18 | 2° 0 | 4°15 | 21°22 | 18°17 | 13°58 | 27° 2 | 22°46 | 22°40 | 23° 9 | 24°56 | 23°32 | F 6 |
| S 7 | 7 7 55 | 16°17'04 | 21°45 | 29°45 | 3° 5 | 5° 2 | 21°27 | 18°18 | 14° 1 | 27° 3 | 22°49 | 22°41 | 23° 6 | 25° 3 | 23°38 | S 7 |
| S 8 | 7 11 51 | 17°18'01 | 5) 11 | 1 る 12 | 4°10 | 5°48 | 21°32 | 18°20 | 14° 5 | 27° 4 | 22°51 | 22°41 | 23° 2 | 25° 9 | 23°44 | S 8 |
| M 9 | 7 15 48 | 18°18'59 | 18°13 | 2°40 | 5°14 | 6°35 | 21°37 | 18°22 | 14° 9 | 27° 5 | 22°53 | 22°42 | 22°59 | 25°16 | 23°51 | M 9 |
| T 10 | 7 19 45 | 19°19'57 | 0 Υ 53 | 4° 9 | 6°18 | 7°21 | 21°42 | 18°24 | 14°12 | 27° 6 | 22°55 | 22°42 | 22°56 | 25°23 | 23°57 | T 10 |
| W11 | 7 23 41 | 20°20'55 | 13°14 | 5°38 | 7°22 | 8° 8 | 21°47 | 18°26 | 14°16 | 27° 7 | 22°57 | 22°42 | 22°53 | 25°29 | 24° 3 | W11 |
| T 12 | 7 27 38 | 21°21'54 | 25°20 | 7° 7 | 8°26 | 8°55 | 21°52 | 18°29 | 14°20 | 27° 8 | 22°59 | 22°R42 | 22°50 | 25°36 | 24° 9 | T 12 |
| F 13 | 7 31 34 | 22°22'54 | 7 8 17 | 8°37 | 9°29 | 9°42 | 21°56 | 18°31 | 14°23 | 27° 9 | 23° 2 | 22°D42 | 22°46 | 25°43 | 24°16 | F 13 |
| S 14 | 7 35 31 | 23°23'53 | 19° 9 | 10° 8 | 10°32 | 10°28 | 22° 1 | 18°33 | 14°27 | 27°10 | 23° 4 | 22°42 | 22°43 | 25°49 | 24°22 | S 14 |
| S 15 | 7 39 27 | 24°24'53 | 1 II 0 | 11°38 | 11°35 | 11°15 | 22° 5 | 18°36 | 14°30 | 27°12 | 23° 6 | 22°42 | 22°40 | 25°56 | 24°28 | S 15 |
| M16 | 7 43 24 | 25°25'54 | 12°54 | 13° 9 | 12°37 | 12° 2 | 22° 9 | 18°39 | 14°34 | 27°13 | 23° 8 | 22°43 | 22°37 | 26° 3 | 24°34 | M16 |
| T 17 | 7 47 20 | 26°26'54 | 24°55 | 14°40 | 13°39 | 12°49 | 22°13 | 18°41 | 14°38 | 27°14 | 23°10 | 22°43 | 22°34 | 26°10 | 24°41 | T 17 |
| W18 | 7 51 17 | 27°27'55 | 795 7 | 16°12 | 14°41 | 13°35 | 22°16 | 18°44 | 14°41 | 27°16 | 23°13 | 22°43 | 22°31 | 26°16 | 24°47 | W18 |
| T 19 | 7 55 14 | 28°28'57 | 19°29 | 17°44 | 15°42 | 14°22 | 22°20 | 18°47 | 14°45 | 27°17 | 23°15 | 22°R44 | 22°27 | 26°23 | 24°53 | T 19 |
| F 20 | 7 59 10 8 3 7 | 29°29'58 | 2Ω 5 | 19°16 20°48 | 16°42 17°43 | 15° 9 | 22°23 | 18°50 | 14°48 | 27°18 27°20 | 23°17 | 22°44 | 22°24 | 26°30 | 24°59 25° 6 | F 20 S 21 |
| S 21 | 8 3 / | 0≈31'00 | 14°55 | | | 15°56 | 22°26 | 18°53 | 14°52 | | 23°19 | 22°43 | 22°21 | 26°36 | | |
| S 22 | 8 7 3 | 1°32'02 | 27°59 | 22°21 | 18°42 | 16°43 | 22°29 | 18°57 | 14°56 | 27°21 | 23°21 | 22°42 | 22°18 | 26°43 | 25°12 | S 22 |
| M23 | 8 11 0 | 2°33'05 | 11 m 17 | 23°54 | 19°42 | 17°29 | 22°32 | 19° 0 | 14°59 | 27°23 | 23°23 | 22°41 | 22°15 | 26°50 | 25°18 | M23 |
| T 24 | 8 14 56 | 3°34'08 | 24°47 | 25°27 | 20°41 | 18°16 | 22°35 | 19° 3 | 15° 3 | 27°24 | 23°26 | 22°40 | 22°12 | 26°56 | 25°24 | T 24 |
| W25 | 8 18 53 | 4°35'11 | 8 ₾ 29 | 27° 1 | 21°39 | 19° 3 | 22°37 | 19° 7 | 15° 6 | 27°26 | 23°28 | 22°38 | 22° 8 | 27° 3 | 25°30 | W25 |
| T 26 | 8 22 50 | 5°36'15 | 22°21 | 28°35 | 22°37 | 19°50 | 22°39 | 19°10 | 15°10 | 27°27 | 23°30 | 22°37 | 22° 5 | 27°10 | 25°37 | T 26 |
| F 27 S 28 | 8 26 46 | 6°37'19 | 6M24 20°34 | 0 ≈ 9 1°44 | 23°35 24°31 | 20°37 | 22°41 | 19°14 | 15°13 15°17 | 27°29 27°30 | 23°32 23°34 | 22°D37 | 22° 2 21°59 | 27°17 | 25°43 25°49 | F 27 S 28 |
| | 8 30 43 | 7°38'24 | | | _ | 21°24 | 22°43 | 19°18 | | | | 22°37 | | 27°23 | | |
| S 29 | 8 34 39 | 8°39'29 | 4 ₹ 51 | 3°19 | 25°28 | 22°10 | 22°45 | 19°22 | 15°20 | 27°32 | 23°36 | 22°38 | 21°56 | 27°30 | 25°55 | S 29 |
| M30 | 8 38 36 | 9°40'34 | 19°11 | 4°54 | 26°23 | 22°57 | 22°46 | 19°26 | 15°24 | 27°34 | 23°38 | 22°39 | 21°52 | 27°37 | 26° 1 | M30 |
| T 31 | 8 42 32 | 10≈41'40 | 3 궁 32 | 6≈30 | 27 米 19 | 23) (44 | 22 ≏ 47 | 19 Y 30 | 15 る 27 | 27) 35 | 23 る 40 | 22 궁 41 | 21 る 49 | 27 8 43 | 26 궁 7 | T 31 |

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| W 1 | 8 46 29 | 11≈42'46 | 17 る 49 | 8≈ 6 | 28 米 13 | 24) (31 | 22 £ 48 | 19 Ƴ 34 | 15 ට 30 | 27) 37 | 23 る 43 | 22°R41 | 21 궁 46 | 27 8 50 | 26 궁 13 | W 1 |
| T 2 | 8 50 25 | 12°43'51 | 1≈58 | 9°43 | 29° 7 | 25°18 | 22°49 | 19°38 | 15°34 | 27°39 | 23°45 | 22 궁 41 | 21°43 | 27°57 | 26°19 | T 2 |
| F 3 | 8 54 22 | 13°44'57 | 15°55 | 11°20 | 0Υ 0 | 26° 5 | 22°50 | 19°43 | 15°37 | 27°41 | 23°47 | 22°40 | 21°40 | 28° 3 | 26°25 | F 3 |
| S 4 | 8 58 19 | 14°46'02 | 29°35 | 12°57 | 0°52 | 26°52 | 22°51 | 19°47 | 15°40 | 27°42 | 23°49 | 22°37 | 21°37 | 28°10 | 26°31 | S 4 |
| S 5 | 9 2 1 5 | 15°47'07 | 12 米 56 | 14°35 | 1°44 | 27°38 | 22°51 | 19°51 | 15°44 | 27°44 | 23°51 | 22°34 | 21°33 | 28°17 | 26°37 | S 5 |
| M 6 | 9 6 12 | 16°48'12 | 25°57 | 16°14 | 2°35 | 28°25 | 22°R51 | 19°56 | 15°47 | 27°46 | 23°53 | 22°30 | 21°30 | 28°24 | 26°43 | M 6 |
| T 7 | 9 10 8 | 17°49'16 | 8 Ƴ 39 | 17°53 | 3°25 | 29°12 | 22°51 | 20° 1 | 15°50 | 27°48 | 23°55 | 22°26 | 21°27 | 28°30 | 26°49 | T 7 |
| W 8 | 9 14 5 | 18°50'19 | 21° 3 | 19°32 | 4°15 | 29°59 | 22°51 | 20° 5 | 15°53 | 27°50 | 23°57 | 22°23 | 21°24 | 28°37 | 26°55 | W 8 |
| T 9 | 9 18 1 | 19°51'22 | 3 8 12 | 21°12 | 5° 3 | 0 Υ 46 | 22°50 | 20°10 | 15°57 | 27°52 | 23°59 | 22°20 | 21°21 | 28°44 | 27° 1 | T 9 |
| F 10 | 9 21 58 | 20°52'25 | 15°10 | 22°52 | 5°51 | 1°33 | 22°50 | 20°15 | 16° 0 | 27°53 | 24° 1 | 22°19 | 21°18 | 28°50 | 27° 7 | F 10 |
| S 11 | 9 25 54 | 21°53'27 | 27° 1 | 24°33 | 6°37 | 2°19 | 22°49 | 20°20 | 16° 3 | 27°55 | 24° 3 | 22°D19 | 21°14 | 28°57 | 27°13 | S 11 |
| S 12 | 9 29 51 | 22°54'28 | 8Д52 | 26°15 | 7°23 | 3° 6 | 22°48 | 20°25 | 16° 6 | 27°57 | 24° 5 | 22°20 | 21°11 | 29° 4 | 27°19 | S 12 |
| M13 | 9 33 48 | 23°55'28 | 20°47 | 27°56 | 8° 8 | 3°53 | 22°46 | 20°30 | 16° 9 | 27°59 | 24° 7 | 22°21 | 21° 8 | 29°10 | 27°24 | M13 |
| T 14 | 9 37 44 | 24°56'28 | 2950 | 29°39 | 8°51 | 4°40 | 22°45 | 20°35 | 16°12 | 28° 1 | 24° 9 | 22°23 | 21° 5 | 29°17 | 27°30 | T 14 |
| W15 | 9 41 41 | 25°57'26 | 15° 6 | 1 ∺ 22 | 9°34 | 5°27 | 22°43 | 20°40 | 16°15 | 28° 3 | 24°11 | 22°25 | 21° 2 | 29°24 | 27°36 | W15 |
| T 16 | 9 45 37 | 26°58'24 | 27°38 | 3° 5 | 10°15 | 6°13 | 22°42 | 20°46 | 16°18 | 28° 5 | 24°13 | 22°R25 | 20°58 | 29°30 | 27°42 | T 16 |
| F 17 | 9 49 34 | 27°59'21 | 10 Ω 29 | 4°49 | 10°55 | 7° 0 | 22°40 | 20°51 | 16°21 | 28° 7 | 24°15 | 22°23 | 20°55 | 29°37 | 27°47 | F 17 |
| S 18 | 9 53 30 | 29° 0'18 | 23°39 | 6°32 | 11°34 | 7°47 | 22°37 | 20°57 | 16°24 | 28° 9 | 24°16 | 22°20 | 20°52 | 29°44 | 27°53 | S 18 |
| S 19 | 9 57 27 | 0₩ 1'13 | 7 m 8 | 8°17 | 12°12 | 8°33 | 22°35 | 21° 2 | 16°27 | 28°11 | 24°18 | 22°15 | 20°49 | 29°51 | 27°58 | S 19 |
| M20 | 10 1 23 | 1° 2'08 | 20°53 | 10° 1 | 12°48 | 9°20 | 22°33 | 21° 8 | 16°30 | 28°13 | 24°20 | 22° 9 | 20°46 | 29°57 | 28° 4 | M20 |
| T 21 | 10 5 20 | 2° 3'02 | 4 ≏ 52 | 11°46 | 13°23 | 10° 7 | 22°30 | 21°13 | 16°33 | 28°15 | 24°22 | 22° 2 | 20°43 | 0 I I 4 | 28° 9 | T 21 |
| W22 | 10 9 17 | 3° 3'55 | 18°59 | 13°30 | 13°56 | 10°53 | 22°27 | 21°19 | 16°36 | 28°18 | 24°24 | 21°55 | 20°39 | 0°11 | 28°15 | W22 |
| T 23 | 10 13 13 | 4° 4'48 | 3 M .11 | 15°15 | 14°28 | 11°40 | 22°24 | 21°25 | 16°39 | 28°20 | 24°26 | 21°50 | 20°36 | 0°17 | 28°20 | T 23 |
| F 24 | 10 17 10 | 5° 5'41 | 17°24 | 16°59 | 14°59 | 12°26 | 22°21 | 21°31 | 16°41 | 28°22 | 24°27 | 21°47 | 20°33 | 0°24 | 28°26 | F 24 |
| S 25 | 10 21 6 | 6° 6'32 | 1 ≯ 35 | 18°42 | 15°27 | 13°13 | 22°17 | 21°36 | 16°44 | 28°24 | 24°29 | 21°D45 | 20°30 | 0°31 | 28°31 | S 25 |
| S 26 | 10 25 3 | 7° 7'24 | 15°42 | 20°25 | 15°55 | 14° 0 | 22°13 | 21°42 | 16°47 | 28°26 | 24°31 | 21°46 | 20°27 | 0°37 | 28°36 | S 26 |
| M27 | 10 28 59 | 8° 8'14 | 29°44 | 22° 6 | 16°20 | 14°46 | 22°10 | 21°48 | 16°49 | 28°28 | 24°33 | 21°47 | 20°23 | 0°44 | 28°41 | M27 |
| T 28 | 10 32 56 | 9₩ 9'04 | 13 る 40 | 23) 46 | 16 Y 44 | 15 Y 33 | 22 ₾ 6 | 21 Y 55 | 16 ප 52 | 28 米 30 | 24 궁 34 | 21 る 48 | 20 궁 20 | 0Д51 | 28 궁 47 | T 28 |

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|------|----------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|------|
| W 1 | 10 36 52 | 10 米 9'53 | 27중29 | 25) 25 | 17 Y 5 | 16 Y 19 | 22°R 1 | 22 Y 1 | 16 궁 54 | 28 米 33 | 24중36 | 21°R48 | 20중17 | 0Д57 | 28 궁 52 | W 1 |
| T 2 | 10 40 49 | 11°10'41 | 11≈10 | 27° 1 | 17°25 | 17° 6 | 21 ≏ 57 | 22° 7 | 16°57 | 28°35 | 24°38 | 21 궁 46 | 20°14 | 1° 4 | 28°57 | T 2 |
| F 3 | 10 44 46 | 12°11'29 | 24°40 | 28°34 | 17°43 | 17°52 | 21°53 | 22°13 | 16°59 | 28°37 | 24°39 | 21°42 | 20°11 | 1°11 | 29° 2 | F 3 |
| S 4 | 10 48 42 | 13°12'15 | 8 ∺ 0 | 0 Υ 4 | 17°59 | 18°38 | 21°48 | 22°19 | 17° 2 | 28°39 | 24°41 | 21°35 | 20° 8 | 1°17 | 29° 7 | S 4 |
| S 5 | 10 52 39 | 14°12'59 | 21° 5 | 1°30 | 18°13 | 19°25 | 21°43 | 22°26 | 17° 4 | 28°41 | 24°42 | 21°27 | 20° 4 | 1°24 | 29°12 | S 5 |
| M 6 | 10 56 35 | 15°13'43 | 3Υ 56 | 2°52 | 18°24 | 20°11 | 21°38 | 22°32 | 17° 7 | 28°44 | 24°44 | 21°16 | 20° 1 | 1°31 | 29°17 | M 6 |
| T 7 | 11 0 32 | 16°14'26 | 16°32 | 4° 8 | 18°33 | 20°57 | 21°33 | 22°38 | 17° 9 | 28°46 | 24°45 | 21° 6 | 19°58 | 1°38 | 29°21 | T 7 |
| W 8 | 11 4 28 | 17°15'07 | 28°53 | 5°19 | 18°40 | 21°44 | 21°28 | 22°45 | 17°11 | 28°48 | 24°47 | 20°56 | 19°55 | 1°44 | 29°26 | W 8 |
| T 9 | 11 8 25 | 18°15'46 | 118 0 | 6°23 | 18°45 | 22°30 | 21°22 | 22°51 | 17°13 | 28°50 | 24°48 | 20°48 | 19°52 | 1°51 | 29°31 | T 9 |
| F 10 | 11 12 21 | 19°16'24 | 22°58 | 7°19 | 18°R47 | 23°16 | 21°17 | 22°58 | 17°16 | 28°53 | 24°50 | 20°42 | 19°49 | 1°58 | 29°36 | F 10 |
| S 11 | 11 16 18 | 20°17'01 | 4 ∏ 49 | 8° 7 | 18°47 | 24° 2 | 21°11 | 23° 5 | 17°18 | 28°55 | 24°51 | 20°38 | 19°45 | 2° 4 | 29°40 | S 11 |
| S 12 | 11 20 14 | 21°17'36 | 16°38 | 8°47 | 18°44 | 24°49 | 21° 5 | 23°11 | 17°20 | 28°57 | 24°53 | 20°D37 | 19°42 | 2°11 | 29°45 | S 12 |
| M13 | 11 24 11 | 22°18'10 | 28°31 | 9°17 | 18°39 | 25°35 | 20°59 | 23°18 | 17°22 | 28°59 | 24°54 | 20°37 | 19°39 | 2°18 | 29°49 | M13 |
| T 14 | 11 28 8 | 23°18'41 | 10933 | 9°38 | 18°32 | 26°21 | 20°53 | 23°25 | 17°24 | 29° 2 | 24°55 | 20°37 | 19°36 | 2°24 | 29°54 | T 14 |
| W15 | 11 32 4 | 24°19'11 | 22°49 | 9°48 | 18°21 | 27° 7 | 20°47 | 23°32 | 17°26 | 29° 4 | 24°57 | 20°R38 | 19°33 | 2°31 | 29°58 | W15 |
| T 16 | 11 36 1 | 25°19'40 | 5 Ω 24 | 9°R48 | 18° 9 | 27°53 | 20°41 | 23°38 | 17°28 | 29° 6 | 24°58 | 20°36 | 19°29 | 2°38 | 0≈ 2 | T 16 |
| F 17 | 11 39 57 | 26°20'06 | 18°22 | 9°38 | 17°53 | 28°39 | 20°34 | 23°45 | 17°30 | 29° 8 | 24°59 | 20°33 | 19°26 | 2°44 | 0° 6 | F 17 |
| S 18 | 11 43 54 | 27°20'31 | 1 m 44 | 9°18 | 17°36 | 29°25 | 20°28 | 23°52 | 17°31 | 29°11 | 25° 1 | 20°27 | 19°23 | 2°51 | 0°11 | S 18 |
| S 19 | 11 47 50 | 28°20'54 | 15°32 | 8°49 | 17°16 | 0811 | 20°21 | 23°59 | 17°33 | 29°13 | 25° 2 | 20°19 | 19°20 | 2°58 | 0°15 | S 19 |
| M20 | 11 51 47 | 29°21'16 | 29°41 | 8°11 | 16°53 | 0°57 | 20°14 | 24° 6 | 17°35 | 29°15 | 25° 3 | 20° 8 | 19°17 | 3° 4 | 0°19 | M20 |
| T 21 | 11 55 43 | 0 Υ 21'36 | 14 ♀ 7 | 7°26 | 16°28 | 1°43 | 20° 7 | 24°13 | 17°37 | 29°18 | 25° 4 | 19°57 | 19°14 | 3°11 | 0°23 | T 21 |
| W22 | 11 59 40 | 1°21'55 | 28°44 | 6°34 | 16° 2 | 2°28 | 20° 0 | 24°20 | 17°38 | 29°20 | 25° 5 | 19°46 | 19°10 | 3°18 | 0°27 | W22 |
| T 23 | 12 3 37 | 2°22'12 | 13 M 23 | 5°37 | 15°33 | 3°14 | 19°53 | 24°27 | 17°40 | 29°22 | 25° 6 | 19°37 | 19° 7 | 3°25 | 0°31 | T 23 |
| F 24 | 12 7 33 | 3°22'27 | 27°58 | 4°36 | 15° 2 | 4° 0 | 19°46 | 24°34 | 17°41 | 29°24 | 25° 7 | 19°30 | 19° 4 | 3°31 | 0°34 | F 24 |
| S 25 | 12 11 30 | 4°22'42 | 12 × 24 | 3°33 | 14°30 | 4°46 | 19°39 | 24°41 | 17°43 | 29°27 | 25° 8 | 19°26 | 19° 1 | 3°38 | 0°38 | S 25 |
| S 26 | 12 15 26 | 5°22'55 | 26°36 | 2°30 | 13°57 | 5°31 | 19°31 | 24°48 | 17°44 | 29°29 | 25° 9 | 19°25 | 18°58 | 3°45 | 0°42 | S 26 |
| M27 | 12 19 23 | 6°23'07 | 10 る 34 | 1°27 | 13°22 | 6°17 | 19°24 | 24°56 | 17°46 | 29°31 | 25°10 | 19°D25 | 18°55 | 3°51 | 0°45 | M27 |
| T 28 | 12 23 19 | 7°23'17 | 24°18 | 0°27 | 12°46 | 7° 2 | 19°17 | 25° 3 | 17°47 | 29°33 | 25°11 | 19°R25 | 18°51 | 3°58 | 0°49 | T 28 |
| W29 | 12 27 16 | 8°23'26 | 7 ≈ 49 | 29 米 31 | 12° 9 | 7°48 | 19° 9 | 25°10 | 17°48 | 29°36 | 25°12 | 19°24 | 18°48 | 4° 5 | 0°52 | W29 |
| T 30 | 12 31 12 | 9°23'34 | 21° 7 | 28°39 | 11°32 | 8°33 | 19° 1 | 25°17 | 1 <u>7</u> °50 | 29°38 | 2 <u>5</u> °13 | 1 <u>9</u> °20 | 1 <u>8</u> °45 | 4°11 | 0°56 | T 30 |
| F 31 | 12 35 9 | 10 Y 23'39 | 4 光 15 | 27 米 52 | 10 Y 55 | 9 8 19 | 18 ≏ 54 | 25 Y 24 | 17 る 51 | 29 米 40 | 25 궁 14 | 19 궁 14 | 18 궁 42 | 4 Ⅱ 18 | 0≈59 | F 31 |

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| Day | Sid.t | 0 | D | Ψ | · | ♂ [™] | 4 | ħ | ď | ¥ | Р | £ | ಬ | Ç | ę, | Day |
|------|----------|-------------------|-----------------|----------------|---------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|---------------|------|------|
| S 1 | 12 39 6 | 11 Y 23'44 | 17) 11 | 27°R12 | 10°R17 | 108 4 | 18°R46 | 25 Y 32 | 17 る 52 | 29) (42 | 25 ප 15 | 19°R 5 | 18 궁 39 | 4 Ⅱ 25 | 1≈ 2 | S 1 |
| S 2 | 12 43 2 | 12°23'46 | 29°56 | 26) 37 | 9 Υ 40 | 10°50 | 18 ≏ 38 | 25°39 | 17°53 | 29°45 | 25°16 | 18 る 53 | 18°35 | 4°31 | 1° 5 | S 2 |
| M 3 | 12 46 59 | 13°23'47 | 12 Y 31 | 26° 9 | 9° 3 | 11°35 | 18°31 | 25°46 | 17°54 | 29°47 | 25°17 | 18°39 | 18°32 | 4°38 | 1°8 | M 3 |
| T 4 | 12 50 55 | 14°23'46 | 24°54 | 25°48 | 8°27 | 12°20 | 18°23 | 25°54 | 17°55 | 29°49 | 25°17 | 18°25 | 18°29 | 4°45 | 1°11 | T 4 |
| W 5 | 12 54 52 | 15°23'43 | 7 と 6 | 25°34 | 7°52 | 13° 6 | 18°15 | 26° 1 | 17°56 | 29°51 | 25°18 | 18°11 | 18°26 | 4°51 | 1°14 | W 5 |
| T 6 | 12 58 48 | 16°23'38 | 19° 9 | 25°25 | 7°18 | 13°51 | 18° 7 | 26° 8 | 17°57 | 29°54 | 25°19 | 17°59 | 18°23 | 4°58 | 1°17 | T 6 |
| F 7 | 13 2 45 | 17°23'31 | 1 II 3 | 25°D24 | 6°46 | 14°36 | 18° 0 | 26°16 | 17°58 | 29°56 | 25°19 | 17°50 | 18°20 | 5° 5 | 1°20 | F 7 |
| S 8 | 13 641 | 18°23'23 | 12°52 | 25°28 | 6°15 | 15°21 | 17°52 | 26°23 | 17°58 | 29°58 | 25°20 | 17°43 | 18°16 | 5°11 | 1°22 | S 8 |
| S 9 | 13 10 38 | 19°23'12 | 24°40 | 25°38 | 5°46 | 16° 6 | 17°44 | 26°30 | 17°59 | 0Υ 0 | 25°21 | 17°40 | 18°13 | 5°18 | 1°25 | S 9 |
| M10 | 13 14 34 | 20°22'59 | 6931 | 25°54 | 5°18 | 16°51 | 17°36 | 26°38 | 18° 0 | 0° 2 | 25°21 | 17°38 | 18°10 | 5°25 | 1°27 | M10 |
| T 11 | 13 18 31 | 21°22'44 | 18°31 | 26°14 | 4°53 | 17°36 | 17°28 | 26°45 | 18° 0 | 0° 5 | 25°22 | 17°38 | 18° 7 | 5°31 | 1°30 | T 11 |
| W12 | 13 22 28 | 22°22'27 | 0Ω44 | 26°40 | 4°30 | 18°21 | 17°21 | 26°53 | 18° 1 | 0° 7 | 25°22 | 17°38 | 18° 4 | 5°38 | 1°32 | W12 |
| T 13 | 13 26 24 | 23°22'07 | 13°16 | 27°10 | 4° 9 | 19° 6 | 17°13 | 27° 0 | 18° 1 | 0° 9 | 25°23 | 17°37 | 18° 0 | 5°45 | 1°35 | T 13 |
| F 14 | 13 30 21 | 24°21'46 | 26°13 | 27°45 | 3°50 | 19°51 | 17° 5 | 27° 8 | 18° 2 | 0°11 | 25°23 | 17°33 | 17°57 | 5°52 | 1°37 | F 14 |
| S 15 | 13 34 17 | 25°21'22 | 9 m 37 | 28°24 | 3°34 | 20°36 | 16°58 | 27°15 | 18° 2 | 0°13 | 25°23 | 17°28 | 17°54 | 5°58 | 1°39 | S 15 |
| S 16 | 13 38 14 | 26°20'56 | 23°30 | 29° 7 | 3°20 | 21°20 | 16°50 | 27°22 | 18° 3 | 0°15 | 25°24 | 17°19 | 17°51 | 6° 5 | 1°41 | S 16 |
| M17 | 13 42 10 | 27°20'28 | 7 ≏ 50 | 29°53 | 3° 9 | 22° 5 | 16°42 | 27°30 | 18° 3 | 0°17 | 25°24 | 17° 9 | 17°48 | 6°12 | 1°43 | M17 |
| T 18 | 13 46 7 | 28°19'57 | 22°34 | 0 Υ 43 | 3° 0 | 22°50 | 16°35 | 27°37 | 18° 3 | 0°19 | 25°24 | 16°58 | 17°45 | 6°18 | 1°45 | T 18 |
| W19 | 13 50 3 | 29°19'25 | 7 ™ 32 | 1°36 | 2°53 | 23°34 | 16°27 | 27°45 | 18° 3 | 0°21 | 25°25 | 16°46 | 17°41 | 6°25 | 1°46 | W19 |
| T 20 | 13 54 0 | 0 8 18'51 | 22°35 | 2°32 | 2°49 | 24°19 | 16°20 | 27°52 | 18° 3 | 0°23 | 25°25 | 16°37 | 17°38 | 6°32 | 1°48 | T 20 |
| F 21 | 13 57 57 | 1°18'16 | 7 .₹ 35 | 3°31 | 2°D48 | 25° 4 | 16°13 | 27°59 | 18° 3 | 0°25 | 25°25 | 16°30 | 17°35 | 6°38 | 1°50 | F 21 |
| S 22 | 14 1 53 | 2°17'38 | 22°21 | 4°32 | 2°49 | 25°48 | 16° 5 | 28° 7 | 18°R 4 | 0°27 | 25°25 | 16°25 | 17°32 | 6°45 | 1°51 | S 22 |
| S 23 | 14 5 50 | 3°16'59 | 6 ප 50 | 5°36 | 2°52 | 26°32 | 15°58 | 28°14 | 18° 3 | 0°29 | 25°25 | 16°23 | 17°29 | 6°52 | 1°53 | S 23 |
| M24 | 14 9 46 | 4°16'18 | 20°57 | 6°43 | 2°57 | 27°17 | 15°51 | 28°22 | 18° 3 | 0°31 | 25°26 | 16°D23 | 17°26 | 6°58 | 1°54 | M24 |
| T 25 | 14 13 43 | 5°15'36 | 4≈43 | 7°52 | 3° 5 | 28° 1 | 15°44 | 28°29 | 18° 3 | 0°33 | 25°26 | 16°R23 | 17°22 | 7° 5 | 1°55 | T 25 |
| W26 | 14 17 39 | 6°14'52 | 18° 9 | 9° 3 | 3°15 | 28°45 | 15°37 | 28°37 | 18° 3 | 0°35 | 25°26 | 16°23 | 17°19 | 7°12 | 1°57 | W26 |
| T 27 | 14 21 36 | 7°14'06 | 1) (17 | 10°17 | 3°28 | 29°30 | 15°30 | 28°44 | 18° 3 | 0°37 | 25°R26 | 16°21 | 17°16 | 7°18 | 1°58 | T 27 |
| F 28 | 14 25 32 | 8°13'18 | 14°10 | 11°32 | 3°42 | 0 Ⅱ 14 | 15°23 | 28°51 | 18° 3 | 0°39 | 25°26 | 16°16 | 17°13 | 7°25 | 1°59 | F 28 |
| S 29 | 14 29 29 | 9°12'29 | 26°49 | 12°50 | 3°58 | 0°58 | 15°17 | 28°59 | 18° 2 | 0°41 | 25°26 | 16° 8 | 17°10 | 7°32 | 2° 0 | S 29 |
| S 30 | 14 33 26 | 10 8 11'37 | 9 Υ 18 | 14 Y 9 | 4Υ 17 | 1 Ⅱ 42 | 15 ≏ 10 | 29 Y 6 | 18 궁 2 | 0 Υ 43 | 25 る 26 | 15 る 58 | 17 ට 6 | 7Ⅲ38 | 2≈ 1 | S 30 |

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|------|----------|-------------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|-------|------|
| M 1 | 14 37 22 | 11810'44 | 21 Y 36 | 15 Y 30 | 4℃ 37 | 2Д26 | 15°R 4 | 29 Y 13 | 18°R 1 | 0 Υ 45 | 25°R25 | 15°R46 | 17る 3 | 7 Ⅱ 45 | 2≈ 1 | M 1 |
| T 2 | 14 41 19 | 12° 9'50 | 3 8 46 | 16°53 | 4°59 | 3°10 | 14 ≏ 58 | 29°21 | 18궁 1 | 0°47 | 25 る 25 | 15 る 34 | 17° 0 | 7°52 | 2° 2 | T 2 |
| W 3 | 14 45 15 | 13° 8'53 | 15°48 | 18°18 | 5°23 | 3°54 | 14°51 | 29°28 | 18° 0 | 0°48 | 25°25 | 15°22 | 16°57 | 7°58 | 2° 3 | W 3 |
| T 4 | 14 49 12 | 14° 7'54 | 27°43 | 19°44 | 5°48 | 4°38 | 14°45 | 29°35 | 18° 0 | 0°50 | 25°25 | 15°12 | 16°54 | 8° 5 | 2° 3 | T 4 |
| F 5 | 14 53 8 | 15° 6'54 | 9 Ⅲ 34 | 21°13 | 6°15 | 5°22 | 14°39 | 29°43 | 17°59 | 0°52 | 25°25 | 15° 4 | 16°51 | 8°12 | 2° 4 | F 5 |
| S 6 | 14 57 5 | 16° 5'51 | 21°21 | 22°43 | 6°44 | 6° 6 | 14°34 | 29°50 | 17°58 | 0°54 | 25°24 | 14°58 | 16°47 | 8°18 | 2° 4 | S 6 |
| S 7 | 15 1 1 | 17° 4'46 | 3 9 9 | 24°14 | 7°14 | 6°49 | 14°28 | 29°57 | 17°58 | 0°55 | 25°24 | 14°55 | 16°44 | 8°25 | 2° 4 | S 7 |
| M 8 | 15 4 58 | 18° 3'39 | 15° 1 | 25°47 | 7°46 | 7°33 | 14°22 | 0 8 4 | 17°57 | 0°57 | 25°24 | 14°D55 | 16°41 | 8°32 | 2° 4 | M 8 |
| T 9 | 15 8 55 | 19° 2'31 | 27° 0 | 27°22 | 8°19 | 8°17 | 14°17 | 0°11 | 17°56 | 0°59 | 25°23 | 14°55 | 16°38 | 8°38 | 2°R 4 | T 9 |
| W10 | 15 12 51 | 20° 1'19 | 9 Ω 12 | 28°59 | 8°53 | 9° 0 | 14°12 | 0°19 | 17°55 | 1° 1 | 25°23 | 14°56 | 16°35 | 8°45 | 2° 4 | W10 |
| T 11 | 15 16 48 | 21° 0'06 | 21°42 | 0 8 37 | 9°29 | 9°44 | 14° 7 | 0°26 | 17°54 | 1° 2 | 25°23 | 14°R57 | 16°32 | 8°52 | 2° 4 | T 11 |
| F 12 | 15 20 44 | 21°58'50 | 4 M 34 | 2°17 | 10° 6 | 10°27 | 14° 2 | 0°33 | 17°53 | 1° 4 | 25°22 | 14°56 | 16°28 | 8°58 | 2° 4 | F 12 |
| S 13 | 15 24 41 | 22°57'33 | 17°53 | 3°58 | 10°44 | 11°11 | 13°57 | 0°40 | 17°52 | 1° 5 | 25°22 | 14°53 | 16°25 | 9° 5 | 2° 4 | S 13 |
| S 14 | 15 28 37 | 23°56'13 | 1 ≏ 41 | 5°41 | 11°23 | 11°54 | 13°52 | 0°47 | 17°51 | 1° 7 | 25°21 | 14°48 | 16°22 | 9°12 | 2° 3 | S 14 |
| M15 | 15 32 34 | 24°54'51 | 15°59 | 7°26 | 12° 3 | 12°38 | 13°48 | 0°54 | 17°50 | 1°8 | 25°21 | 14°42 | 16°19 | 9°18 | 2° 3 | M15 |
| T 16 | 15 36 30 | 25°53'26 | 0 M .42 | 9°12 | 12°45 | 13°21 | 13°44 | 1° 1 | 17°49 | 1°10 | 25°20 | 14°35 | 16°16 | 9°25 | 2° 2 | T 16 |
| W17 | 15 40 27 | 26°52'00 | 15°46 | 11° 0 | 13°27 | 14° 4 | 13°40 | 1°8 | 17°48 | 1°11 | 25°19 | 14°27 | 16°12 | 9°32 | 2° 2 | W17 |
| T 18 | 15 44 24 | 27°50'33 | 1 ₹ 0 | 12°50 | 14°11 | 14°47 | 13°36 | 1°15 | 17°46 | 1°13 | 25°19 | 14°21 | 16° 9 | 9°38 | 2° 1 | T 18 |
| F 19 | 15 48 20 | 28°49'03 | 16°14 | 14°41 | 14°55 | 15°31 | 13°32 | 1°22 | 17°45 | 1°14 | 25°18 | 14°16 | 16° 6 | 9°45 | 2° 0 | F 19 |
| S 20 | 15 52 17 | 29°47'32 | 1 ਰ 18 | 16°34 | 15°40 | 16°14 | 13°28 | 1°29 | 17°44 | 1°16 | 25°17 | 14°14 | 16° 3 | 9°52 | 2° 0 | S 20 |
| S 21 | 15 56 13 | 0 Ⅱ 45'59 | 16° 4 | 18°29 | 16°26 | 16°57 | 13°25 | 1°35 | 17°42 | 1°17 | 25°17 | 14°D13 | 16° 0 | 9°59 | 1°59 | S 21 |
| M22 | 16 0 10 | 1°44'24 | 0≈26 | 20°25 | 17°13 | 17°40 | 13°21 | 1°42 | 17°41 | 1°18 | 25°16 | 14°14 | 15°57 | 10° 5 | 1°58 | M22 |
| T 23 | 16 4 6 | 2°42'48 | 14°24 | 22°23 | 18° 1 | 18°23 | 13°18 | 1°49 | 17°40 | 1°20 | 25°15 | 14°15 | 15°53 | 10°12 | 1°57 | T 23 |
| W24 | 16 8 3 | 3°41'11 | 27°55 | 24°23 | 18°50 | 19° 6 | 13°15 | 1°56 | 17°38 | 1°21 | 25°14 | 14°R16 | 15°50 | 10°19 | 1°55 | W24 |
| T 25 | 16 11 59 | 4°39'32 | 11) 4 | 26°24 | 19°39 | 19°48 | 13°13 | 2° 2 | 17°36 | 1°22 | 25°14 | 14°16 | 15°47 | 10°25 | 1°54 | T 25 |
| F 26 | 16 15 56 | 5°37'51 | 23°53 | 28°27 | 20°29 | 20°31 | 13°10 | 2° 9 | 17°35 | 1°24 | 25°13 | 14°14 | 15°44 | 10°32 | 1°53 | F 26 |
| S 27 | 16 19 53 | 6°36'09 | 6 ℃ 24 | 0耳31 | 21°20 | 21°14 | 13° 8 | 2°16 | 17°33 | 1°25 | 25°12 | 14°11 | 15°41 | 10°39 | 1°51 | S 27 |
| S 28 | 16 23 49 | 7°34'26 | 18°42 | 2°37 | 22°12 | 21°57 | 13° 5 | 2°22 | 17°32 | 1°26 | 25°11 | 14° 6 | 15°38 | 10°45 | 1°50 | S 28 |
| M29 | 16 27 46 | 8°32'41 | 0 8 50 | 4°44 | 23° 4 | 22°39 | 13° 3 | 2°29 | 17°30 | 1°27 | 25°10 | 14° 0 | 15°34 | 10°52 | 1°48 | M29 |
| T 30 | 16 31 42 | 9°30'54 | 12°49 | 6°52 | 23°56 | 23°22 | 13° 1 | 2°35 | 17°28 | 1°28 | 25° 9 | 13°54 | 15°31 | 10°59 | 1°47 | T 30 |
| W31 | 16 35 39 | 10 Ⅱ 29'07 | 24 8 43 | 9 I 1 | 24 Y 50 | 24 I 5 | 13 ♀ 0 | 2 8 42 | 17 る 26 | 1 Υ 29 | 25중 8 | 13 る 48 | 15 る 28 | 11 II 5 | 1≈45 | W31 |

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|------|----------|-------------------|----------------|-----------------|----------------|----------------|----------------|---------------|-----------------|---------------|----------------|----------------|----------------|-----------------|-------|------|
| T 1 | 16 39 35 | 11 Ⅱ 27'17 | 6 Ⅱ 33 | 11 I I11 | 25 Y 43 | 24∏47 | 12°R58 | 2 8 48 | 17°R25 | 1 Y 30 | 25°R 7 | 13°R43 | 15 云 25 | 11 I I12 | 1°R43 | T 1 |
| F 2 | 16 43 32 | 12°25'26 | 18°22 | 13°22 | 26°38 | 25°30 | 12 ≏ 57 | 2°54 | 17 云 23 | 1°31 | 25 궁 6 | 13 る 39 | 15°22 | 11°19 | 1≈41 | F 2 |
| S 3 | 16 47 28 | 13°23'34 | 0910 | 15°33 | 27°33 | 26°12 | 12°56 | 3° 1 | 17°21 | 1°33 | 25° 5 | 13°36 | 15°18 | 11°25 | 1°39 | S 3 |
| S 4 | 16 51 25 | 14°21'40 | 12° 1 | 17°43 | 28°28 | 26°55 | 12°55 | 3° 7 | 17°19 | 1°33 | 25° 4 | 13°D35 | 15°15 | 11°32 | 1°37 | S 4 |
| M 5 | 16 55 22 | 15°19'44 | 23°58 | 19°54 | 29°24 | 27°37 | 12°54 | 3°13 | 17°17 | 1°34 | 25° 3 | 13°36 | 15°12 | 11°39 | 1°35 | M 5 |
| T 6 | 16 59 18 | 16°17'46 | 6 Ω 2 | 22° 4 | 0820 | 28°19 | 12°53 | 3°19 | 17°15 | 1°35 | 25° 2 | 13°37 | 15° 9 | 11°45 | 1°33 | T 6 |
| W 7 | 17 3 15 | 17°15'47 | 18°18 | 24°14 | 1°17 | 29° 1 | 12°53 | 3°25 | 17°13 | 1°36 | 25° 1 | 13°39 | 15° 6 | 11°52 | 1°31 | W 7 |
| T 8 | 17 711 | 18°13'46 | 0 m /50 | 26°22 | 2°14 | 29°44 | 12°53 | 3°31 | 17°11 | 1°37 | 25° 0 | 13°40 | 15° 3 | 11°59 | 1°29 | T 8 |
| F 9 | 17 11 8 | 19°11'43 | 13°41 | 28°29 | 3°12 | 0ණ26 | 12°D53 | 3°37 | 17° 9 | 1°38 | 24°59 | 13°R41 | 14°59 | 12° 5 | 1°26 | F 9 |
| S 10 | 17 15 4 | 20° 9'38 | 26°56 | 0934 | 4°10 | 1° 8 | 12°53 | 3°43 | 17° 7 | 1°39 | 24°57 | 13°41 | 14°56 | 12°12 | 1°24 | S 10 |
| S 11 | 17 19 1 | 21° 7'32 | 10 ≏ 36 | 2°38 | 5° 8 | 1°50 | 12°53 | 3°49 | 17° 5 | 1°39 | 24°56 | 13°40 | 14°53 | 12°19 | 1°21 | S 11 |
| M12 | 17 22 58 | 22° 5'24 | 24°43 | 4°40 | 6° 7 | 2°32 | 12°54 | 3°55 | 17° 3 | 1°40 | 24°55 | 13°38 | 14°50 | 12°25 | 1°19 | M12 |
| T 13 | 17 26 54 | 23° 3'14 | 9 M _15 | 6°39 | 7° 6 | 3°14 | 12°54 | 4° 0 | 17° 0 | 1°41 | 24°54 | 13°36 | 14°47 | 12°32 | 1°16 | T 13 |
| W14 | 17 30 51 | 24° 1'03 | 24° 8 | 8°36 | 8° 6 | 3°56 | 12°55 | 4° 6 | 16°58 | 1°42 | 24°52 | 13°33 | 14°44 | 12°39 | 1°14 | W14 |
| T 15 | 17 34 47 | 24°58'51 | 9 ∡ 16 | 10°30 | 9° 6 | 4°38 | 12°56 | 4°12 | 16°56 | 1°42 | 24°51 | 13°31 | 14°40 | 12°45 | 1°11 | T 15 |
| F 16 | 17 38 44 | 25°56'37 | 2 <u>4</u> °28 | 12°22 | 10° 6 | 5°19 | 12°58 | 4°17 | 16°54 | 1°43 | 24°50 | 13°29 | 14°37 | 12°52 | 1° 8 | F 16 |
| S 17 | 17 42 40 | 26°54'22 | 9 궁 36 | 14°11 | 11° 7 | 6° 1 | 12°59 | 4°23 | 16°52 | 1°43 | 24°49 | 13°D29 | 14°34 | 12°59 | 1° 5 | S 17 |
| S 18 | 17 46 37 | 27°52'05 | 24°30 | 15°57 | 12° 7 | 6°43 | 13° 1 | 4°28 | 16°49 | 1°44 | 24°47 | 13°29 | 14°31 | 13° 5 | 1° 2 | S 18 |
| M19 | 17 50 33 | 28°49'48 | 9≈ 4 | 17°40 | 13° 9 | 7°25 | 13° 2 | 4°33 | 16°47 | 1°44 | 24°46 | 13°30 | 14°28 | 13°12 | 0°59 | M19 |
| T 20 | 17 54 30 | 29°47'29 | 23°12 | 19°20 | 14°10 | 8° 6 | 13° 4 | 4°39 | 16°45 | 1°45 | 24°45 | 13°31 | 14°24 | 13°19 | 0°56 | T 20 |
| W21 | 17 58 27 | 09645'09 | 6 ¥ 53 | 20°57 | 15°12 | 8°48 | 13° 6 | 4°44 | 16°42 | 1°45 | 24°43 | 13°32 | 14°21 | 13°25 | 0°53 | W21 |
| T 22 | 18 2 23 | 1°42'49 | 20° 9 | 22°31 | 16°14 | 9°29 | 13° 9 | 4°49 | 16°40 | 1°46 | 24°42 | 13°32 | 14°18 | 13°32 | 0°50 | T 22 |
| F 23 | 18 6 20 | 2°40'27 | 3Υ 1 | 24° 2 | 17°16 | 10°11 | 13°11 | 4°54 | 16°38 | 1°46 | 24°41 | 13°R33 | 14°15 | 13°39 | 0°47 | F 23 |
| S 24 | 18 10 16 | 3°38'05 | 15°32 | 25°30 | 18°19 | 10°52 | 13°14 | 4°59 | 16°35 | 1°46 | 24°39 | 13°32 | 14°12 | 13°45 | 0°44 | S 24 |
| S 25 | 18 14 13 | 4°35'42 | 27°47 | 26°55 | 19°22 | 11°34 | 13°16 | 5° 4 | 16°33 | 1°47 | 24°38 | 13°32 | 14° 9 | 13°52 | 0°41 | S 25 |
| M26 | 18 18 9 | 5°33'18 | 9 8 50 | 28°17 | 20°25 | 12°15 | 13°19 | 5° 9 | 16°31 | 1°47 | 24°36 | 13°31 | 14° 5 | 13°59 | 0°37 | M26 |
| T 27 | 18 22 6 | 6°30'54 | 21°44 | 29°36 | 21°28 | 12°56 | 13°23 | 5°14 | 16°28 | 1°47 | 24°35 | 13°30 | 14° 2 | 14° 5 | 0°34 | T 27 |
| W28 | 18 26 2 | 7°28'28 | 3 Ⅱ 34 | 0 Ω 51 | 22°31 | 13°38 | 13°26 | 5°19 | 16°26 | 1°47 | 24°33 | 13°29 | 13°59 | 14°12 | 0°31 | W28 |
| T 29 | 18 29 59 | 8°26'02 | 15°22 | 2° 3 | 23°35 | 14°19 | 13°29 | 5°23 | 16°23 | 1°48 | 24°32 | 13°28 | 13°56 | 14°19 | 0°27 | T 29 |
| F 30 | 18 33 56 | 9923'35 | 27 I 11 | 3 Ω 11 | 24839 | 1599 0 | 13 ₾ 33 | 5 8 28 | 16 පි 21 | 1 Υ 48 | 24 궁 30 | 13 る 28 | 13 る 53 | 14 Ⅱ 25 | 0≈24 | F 30 |

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| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)Å(| 卉 | В | ß | Ω | Ç | Q K | Day |
|------|----------|------------------|-----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|------|
| S 1 | 18 37 52 | 10921'07 | 999 3 | 4 Ω 16 | 25 8 43 | 159541 | 13 ≏ 37 | 5 8 32 | 16°R18 | 1 Y 48 | 24°R29 | 13°D28 | 13 궁 50 | 14 Ⅱ 32 | 0°R20 | S 1 |
| S 2 | 18 41 49 | 11°18'38 | 21° 2 | 5°18 | 26°47 | 16°22 | 13°41 | 5°37 | 16 궁 16 | 1°48 | 24 궁 27 | 13 云 28 | 13°46 | 14°39 | 0≈17 | S 2 |
| M 3 | 18 45 45 | 12°16'09 | 3 Ω 8 | 6°16 | 27°52 | 17° 3 | 13°45 | 5°41 | 16°13 | 1°48 | 24°26 | 13°28 | 13°43 | 14°45 | 0°13 | M 3 |
| T 4 | 18 49 42 | 13°13'38 | 15°24 | 7°11 | 28°57 | 17°44 | 13°49 | 5°46 | 16°11 | 1°R48 | 24°25 | 13°R28 | 13°40 | 14°52 | 0°10 | T 4 |
| W 5 | 18 53 38 | 14°11'06 | 27°52 | 8° 1 | 0耳 2 | 18°25 | 13°54 | 5°50 | 16° 9 | 1°48 | 24°23 | 13°28 | 13°37 | 14°59 | 0° 6 | W 5 |
| T 6 | 18 57 35 | 15° 8'34 | 10 m /34 | 8°48 | 1° 7 | 19° 6 | 13°58 | 5°54 | 16° 6 | 1°48 | 24°21 | 13°28 | 13°34 | 15° 5 | 0° 3 | T 6 |
| F 7 | 19 1 32 | 16° 6'00 | 23°32 | 9°31 | 2°12 | 19°47 | 14° 3 | 5°58 | 16° 4 | 1°48 | 24°20 | 13°28 | 13°30 | 15°12 | 29 궁 59 | F 7 |
| S 8 | 19 5 28 | 17° 3'25 | 6 ≏ 48 | 10°10 | 3°17 | 20°28 | 14° 8 | 6° 2 | 16° 1 | 1°48 | 24°18 | 13°27 | 13°27 | 15°19 | 29°55 | S 8 |
| S 9 | 19 9 25 | 18° 0'50 | 20°25 | 10°45 | 4°23 | 21° 9 | 14°13 | 6° 6 | 15°59 | 1°48 | 24°17 | 13°D27 | 13°24 | 15°25 | 29°52 | S 9 |
| M10 | 19 13 21 | 18°58'13 | 4ML22 | 11°16 | 5°29 | 21°50 | 14°18 | 6° 9 | 15°56 | 1°47 | 24°15 | 13°28 | 13°21 | 15°32 | 29°48 | M10 |
| T 11 | 19 17 18 | 19°55'36 | 18°39 | 11°42 | 6°34 | 22°30 | 14°23 | 6°13 | 15°54 | 1°47 | 24°14 | 13°28 | 13°18 | 15°39 | 29°44 | T 11 |
| W12 | 19 21 14 | 20°52'57 | 3 ∡ 14 | 12° 4 | 7°41 | 23°11 | 14°29 | 6°17 | 15°51 | 1°47 | 24°12 | 13°29 | 13°15 | 15°45 | 29°40 | W12 |
| T 13 | 19 25 11 | 21°50'18 | 18° 2 | 12°21 | 8°47 | 23°52 | 14°35 | 6°20 | 15°49 | 1°47 | 24°11 | 13°29 | 13°11 | 15°52 | 29°37 | T 13 |
| F 14 | 19 29 7 | 22°47'38 | 2 る 58 | 12°34 | 9°53 | 24°32 | 14°40 | 6°24 | 15°46 | 1°46 | 24° 9 | 13°30 | 13° 8 | 15°59 | 29°33 | F 14 |
| S 15 | 19 33 4 | 23°44'58 | 17°54 | 12°43 | 11° 0 | 25°13 | 14°46 | 6°27 | 15°44 | 1°46 | 24° 8 | 13°R30 | 13° 5 | 16° 5 | 29°29 | S 15 |
| S 16 | 19 37 1 | 24°42'17 | 2≈42 | 12°R47 | 12° 6 | 25°53 | 14°52 | 6°30 | 15°42 | 1°46 | 24° 6 | 13°29 | 13° 2 | 16°12 | 29°25 | S 16 |
| M17 | 19 40 57 | 25°39'36 | 17°14 | 12°46 | 13°13 | 26°34 | 14°59 | 6°34 | 15°39 | 1°45 | 24° 5 | 13°28 | 12°59 | 16°19 | 29°21 | M17 |
| T 18 | 19 44 54 | 26°36'54 | 1 ∺ 26 | 12°40 | 14°20 | 27°14 | 15° 5 | 6°37 | 15°37 | 1°45 | 24° 3 | 13°27 | 12°56 | 16°25 | 29°18 | T 18 |
| W19 | 19 48 50 | 27°34'12 | 15°13 | 12°31 | 15°27 | 27°55 | 15°11 | 6°40 | 15°34 | 1°44 | 24° 2 | 13°25 | 12°52 | 16°32 | 29°14 | W19 |
| T 20 | 19 52 47 | 28°31'30 | 28°34 | 12°17 | 16°34 | 28°35 | 15°18 | 6°43 | 15°32 | 1°44 | 24° 0 | 13°23 | 12°49 | 16°38 | 29°10 | T 20 |
| F 21 | 19 56 43 | 29°28'47 | 11 Y 30 | 11°59 | 17°41 | 29°15 | 15°25 | 6°46 | 15°30 | 1°43 | 23°58 | 13°22 | 12°46 | 16°45 | 29° 6 | F 21 |
| S 22 | 20 0 40 | 0 Ω 26′05 | 24° 5 | 11°37 | 18°49 | 29°56 | 15°32 | 6°48 | 15°27 | 1°43 | 23°57 | 13°21 | 12°43 | 16°52 | 29° 2 | S 22 |
| S 23 | 20 4 36 | 1°23'23 | 6 8 21 | 11°11 | 19°56 | 0 Ω 36 | 15°39 | 6°51 | 15°25 | 1°42 | 23°55 | 13°D21 | 12°40 | 16°58 | 28°58 | S 23 |
| M24 | 20 8 33 | 2°20'40 | 18°23 | 10°42 | 21° 4 | 1°16 | 15°46 | 6°53 | 15°22 | 1°42 | 23°54 | 13°22 | 12°36 | 17° 5 | 28°55 | M24 |
| T 25 | 20 12 30 | 3°17'58 | 0 Ⅱ 16 | 10°11 | 22°12 | 1°56 | 15°53 | 6°56 | 15°20 | 1°41 | 23°52 | 13°23 | 12°33 | 17°12 | 28°51 | T 25 |
| W26 | 20 16 26 | 4°15'16 | 12° 5 | 9°37 | 23°20 | 2°36 | 16° 1 | 6°58 | 15°18 | 1°40 | 23°51 | 13°25 | 12°30 | 17°18 | 28°47 | W26 |
| T 27 | 20 20 23 | 5°12'34 | 23°53 | 9° 2 | 24°28 | 3°17 | 16° 8 | 7° 1 | 15°16 | 1°40 | 23°49 | 13°26 | 12°27 | 17°25 | 28°43 | T 27 |
| F 28 | 20 24 19 | 6° 9'52 | 59946 | 8°25 | 25°36 | 3°57 | 16°16 | 7° 3 | 15°13 | 1°39 | 23°48 | 13°27 | 12°24 | 17°32 | 28°39 | F 28 |
| S 29 | 20 28 16 | 7° 7'10 | 17°45 | 7°48 | 26°44 | 4°37 | 16°23 | 7° 5 | 15°11 | 1°38 | 23°46 | 13°R27 | 12°21 | 17°38 | 28°36 | S 29 |
| S 30 | 20 32 12 | 8° 4'29 | 29°53 | 7°11 | 27°52 | 5°17 | 16°31 | 7° 7 | 15° 9 | 1°37 | 23°45 | 13°26 | 12°17 | 17°45 | 28°32 | S 30 |
| M31 | 20 36 9 | 9 Ω 1'47 | 12 Ω 13 | 6 Ω 35 | 29耳 1 | 5 Ω 57 | 16 ₽ 39 | 7 8 9 | 15 궁 7 | 1 Y 36 | 23 る 43 | 13 る 24 | 12 る 14 | 17 Ⅲ 52 | 28 る 28 | M31 |

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|------|----------|------------------|----------------|-----------------|--------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|-----------------|-----------------|------|
| T 1 | 20 40 5 | 9 Ω 59'05 | 24 Ω 46 | 6°R 0 | 099 9 | 6 Ω 36 | 16 ≏ 48 | 7 8 10 | 15°R 5 | 1°R36 | 23°R42 | 13°R21 | 12 궁 11 | 17耳58 | 28°R25 | T 1 |
| W 2 | 20 44 2 | 10°56'23 | 7 m 32 | 5 Ω 27 | 1°18 | 7°16 | 16°56 | 7°12 | 15 る 2 | 1 Y 35 | 23 る 40 | 13 る 17 | 12° 8 | 18° 5 | 28 중 21 | W 2 |
| T 3 | 20 47 59 | 11°53'41 | 20°33 | 4°57 | 2°27 | 7°56 | 17° 4 | 7°14 | 15° 0 | 1°34 | 23°39 | 13°12 | 12° 5 | 18°12 | 28°17 | T 3 |
| F 4 | 20 51 55 | 12°50'58 | 3 ≏ 47 | 4°29 | 3°36 | 8°36 | 17°13 | 7°15 | 14°58 | 1°33 | 23°38 | 13° 8 | 12° 2 | 18°18 | 28°14 | F 4 |
| S 5 | 20 55 52 | 13°48'16 | 17°14 | 4° 6 | 4°45 | 9°16 | 17°21 | 7°17 | 14°56 | 1°32 | 23°36 | 13° 5 | 11°58 | 18°25 | 28°10 | S 5 |
| S 6 | 20 59 48 | 14°45'34 | 0 M .55 | 3°46 | 5°54 | 9°56 | 17°30 | 7°18 | 14°54 | 1°31 | 23°35 | 13° 3 | 11°55 | 18°32 | 28° 6 | S 6 |
| M 7 | 21 3 45 | 15°42'51 | 14°50 | 3°31 | 7° 3 | 10°35 | 17°39 | 7°19 | 14°52 | 1°30 | 23°33 | 13°D 2 | 11°52 | 18°38 | 28° 3 | M 7 |
| T 8 | 21 741 | 16°40'09 | 28°56 | 3°20 | 8°12 | 11°15 | 17°48 | 7°20 | 14°50 | 1°29 | 23°32 | 13° 2 | 11°49 | 18°45 | 27°59 | T 8 |
| W 9 | 21 11 38 | 17°37'27 | 13 × 14 | 3°15 | 9°21 | 11°55 | 17°57 | 7°21 | 14°48 | 1°28 | 23°31 | 13° 4 | 11°46 | 18°52 | 27°56 | W 9 |
| T 10 | 21 15 34 | 18°34'44 | 2 <u>7</u> °41 | 3°D15 | 10°30 | 12°34 | 18° 6 | 7°22 | 14°46 | 1°27 | 23°29 | 13° 5 | 11°42 | 18°58 | 27°52 | T 10 |
| F 11 | 21 19 31 | 19°32'02 | 12 る 13 | 3°20 | 11°40 | 13°14 | 18°15 | 7°23 | 14°44 | 1°26 | 23°28 | 13°R 6 | 11°39 | 19° 5 | 27°49 | F 11 |
| S 12 | 21 23 28 | 20°29'20 | 26°46 | 3°31 | 12°49 | 13°53 | 18°24 | 7°23 | 14°43 | 1°25 | 23°27 | 13° 5 | 11°36 | 19°12 | 27°46 | S 12 |
| S 13 | 21 27 24 | 21°26'38 | 11≈14 | 3°48 | 13°59 | 14°33 | 18°34 | 7°24 | 14°41 | 1°23 | 23°25 | 13° 2 | 11°33 | 19°18 | 27°42 | S 13 |
| M14 | 21 31 21 | 22°23'56 | 25°32 | 4°10 | 15° 9 | 15°12 | 18°43 | 7°24 | 14°39 | 1°22 | 23°24 | 12°58 | 11°30 | 19°25 | 27°39 | M14 |
| T 15 | 21 35 17 | 23°21'15 | 9 ∺ 35 | 4°38 | 16°19 | 15°52 | 18°53 | 7°25 | 14°37 | 1°21 | 23°23 | 12°53 | 11°27 | 19°32 | 27°36 | T 15 |
| W16 | 21 39 14 | 24°18'34 | 23°17 | 5°12 | 17°29 | 16°31 | 19° 2 | 7°25 | 14°35 | 1°20 | 23°21 | 12°46 | 11°23 | 19°38 | 27°33 | W16 |
| T 17 | 21 43 10 | 25°15'54 | 6 Ƴ 38 | 5°51 | 18°38 | 17°10 | 19°12 | 7°25 | 14°34 | 1°19 | 23°20 | 12°39 | 11°20 | 19°45 | 27°29 | T 17 |
| F 18 | 21 47 7 | 26°13'15 | 19°35 | 6°36 | 19°49 | 17°50 | 19°22 | 7°R25 | 14°32 | 1°17 | 23°19 | 12°33 | 11°17 | 19°52 | 27°26 | F 18 |
| S 19 | 21 51 3 | 27°10'36 | 2811 | 7°27 | 20°59 | 18°29 | 19°32 | 7°25 | 14°31 | 1°16 | 23°18 | 12°29 | 11°14 | 19°58 | 27°23 | S 19 |
| S 20 | 21 55 0 | 28° 7'58 | 14°28 | 8°23 | 22° 9 | 19°8 | 19°42 | 7°25 | 14°29 | 1°15 | 23°16 | 12°26 | 11°11 | 20° 5 | 27°20 | S 20 |
| M21 | 21 58 57 | 29° 5'21 | 26°31 | 9°25 | 23°19 | 19°47 | 19°52 | 7°25 | 14°27 | 1°14 | 23°15 | 12°D25 | 11° 8 | 20°11 | 27°17 | M21 |
| T 22 | 22 2 53 | 0 mg 2'46 | 8∏24 | 10°33 | 24°30 | 20°27 | 20° 2 | 7°25 | 14°26 | 1°12 | 23°14 | 12°25 | 11° 4 | 20°18 | 27°14 | T 22 |
| W23 | 22 6 50 | 1° 0'11 | 20°13 | 11°45 | 25°40 | 21° 6 | 20°13 | 7°24 | 14°24 | 1°11 | 23°13 | 12°26 | 11° 1 | 20°25 | 27°12 | W23 |
| T 24 | 22 10 46 | 1°57'37 | 295 3 | 13° 3 | 26°51 | 21°45 | 20°23 | 7°24 | 14°23 | 1° 9 | 23°12 | 12°28 | 10°58 | 20°31 | 27° 9 | T 24 |
| F 25 | 22 14 43 | 2°55'04 | 13°58 | 14°25 | 28° 1 | 22°24 | 20°34 | 7°23 | 14°22 | 1° 8 | 23°11 | 12°R28 | 10°55 | 20°38 | 27° 6 | F 25 |
| S 26 | 22 18 39 | 3°52'32 | 26° 4 | 15°53 | 29°12 | 23° 3 | 20°44 | 7°22 | 14°20 | 1° 7 | 23°10 | 12°27 | 10°52 | 20°45 | 27° 3 | S 26 |
| S 27 | 22 22 36 | 4°50'01 | $8\Omega 22$ | 17°25 | $0\Omega 23$ | 23°42 | 20°55 | 7°21 | 14°19 | 1° 5 | 23° 9 | 12°24 | 10°48 | 20°51 | 27° 1 | S 27 |
| M28 | 22 26 32 | 5°47'31 | 20°57 | 19° 1 | 1°34 | 24°21 | 21° 5 | 7°20 | 14°18 | 1° 4 | 23° 8 | 12°19 | 10°45 | 20°58 | 26°58 | M28 |
| T 29 | 22 30 29 | 6°45'01 | 3 Mp 48 | 20°41 | 2°45 | 25° 0 | 21°16 | 7°19 | 14°17 | 1° 2 | 23° 7 | 12°11 | 10°42 | 21° 5 | 26°56 | T 29 |
| W30 | 22 34 26 | 7°42'33 | 16°56 | 22°25 | 3°56 | 25°39 | 21°27 | 7°18 | 14°16 | 1° 1 | 23° 6 | 12° 2 | 10°39 | 21°11 | 26°53 | W30 |
| T 31 | 22 38 22 | 8 Mp 40'05 | 0 ≏ 20 | 24 \O 13 | 5 Ω 7 | 26 Ω 18 | 21 ≏ 38 | 7 8 17 | 14 궁 14 | 0 Υ 59 | 23 궁 5 | 11 る 53 | 10 궁 36 | 21 I I18 | 26 පි 51 | T 31 |

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|-------------------------------------|---|--|--|--|---|--|--|---|---|---|--|--------------------------------------|--|---|--|--------------|
| F 1 | 22 42 19 | 9 m 37'39 | 13 ≏ 58 | 26⋒ 4 | 6 Ω 18 | 26 Ω 57 | 21 ≏ 49 | 7°R16 | 14°R13 | 0°R58 | 23°R 4 | 11°R44 | 10 ට 33 | 21 II 25 | 26°R49 | F 1 |
| S 2 | 22 46 15 | 10°35'13 | 27°46 | 27°57 | 7°29 | 27°36 | 22° 0 | 7 8 14 | 14 궁 12 | 0 Ƴ 56 | 23중 3 | 11 る 36 | 10°29 | 21°31 | 26 궁 46 | S 2 |
| S 3 | 22 50 12 | 11°32'48 | 11 M .42 | 29°53 | 8°40 | 28°15 | 22°11 | 7°13 | 14°11 | 0°55 | 23° 2 | 11°30 | 10°26 | 21°38 | 26°44 | S 3 |
| M 4 | 22 54 8 | 12°30'23 | 25°44 | 1 m 50 | 9°52 | 28°54 | 22°22 | 7°11 | 14°10 | 0°53 | 23° 1 | 11°27 | 10°23 | 21°45 | 26°42 | M 4 |
| T 5 | 22 58 5 | 13°28'00 | 9 × 750 | 3°50 | 11° 3 | 29°33 | 22°34 | 7° 9 | 14°10 | 0°52 | 23° 0 | 11°D26 | 10°20 | 21°51 | 26°40 | T 5 |
| W 6 T 7 | 23 2 1 23 5 58 | 14°25'37 15°23'15 | 23°58 8 る 8 | 5°50 7°52 | 12°14 13°26 | 0 m)11 0°50 | 22°45 22°56 | 7° 7 7° 6 | 14° 9 14° 8 | 0°50 0°49 | 22°59 22°58 | 11°26 11°R26 | 10°17 10°13 | 21°58 22° 5 | 26°38 26°36 | W 6 T 7 |
| F 8 | 23 9 55 | 16°20'54 | 22°18 | 9°54 | 13°20 14°38 | 1°29 | 23° 8 | 7° 4 | 14° 7 | 0°47 | 22°58 | 11°26 | 10°13 | 22°11 | 26°34 | F 8 |
| S 9 | 23 13 51 | 17°18'34 | 6 ≈ 26 | 11°56 | 15°49 | 2° 7 | 23°19 | 7° 1 | 14° 7 | 0°46 | 22°57 | 11°24 | 10° 7 | 22°18 | 26°33 | S 9 |
| S 10 | 23 17 48 | 18°16'15 | 20°29 | 13°58 | 17° 1 | 2°46 | 23°31 | 6°59 | 14° 6 | 0°44 | 22°56 | 11°19 | 10° 4 | 22°25 | 26°31 | S 10 |
| M11 | 23 21 44 | 19°13'56 | 4) (24 | 16° 0 | 18°13 | 3°25 | 23°43 | 6°57 | 14° 5 | 0°42 | 22°56 | 11°11 | 10° 1 | 22°31 | 26°29 | M11 |
| T 12 | 23 25 41 | 20°11'39 | 18° 7 | 18° 1 | 19°25 | 4° 3 | 23°54 | 6°55 | 14° 5 | 0°41 | 22°55 | 11° 2 | 9°58 | 22°38 | 26°28 | T 12 |
| W13 | 23 29 37 | 21° 9'23 | 1 Y 35 | 20° 2 | 20°37 | 4°42 | 24° 6 | 6°52 | 14° 4 | 0°39 | 22°54 | 10°51 | 9°54 | 22°44 | 26°26 | W13 |
| T 14 | 23 33 34 | 22° 7'09 | 14°45 | 22° 2 | 21°49 | 5°20 | 24°18 | 6°50 | 14° 4 | 0°37 | 22°54 | 10°39 | 9°51 | 22°51 | 26°25 | T 14 |
| F 15 S 16 | 23 37 30 23 41 27 | 23° 4'55 24° 2'44 | 27°36 10 8 8 | 24° 1 25°59 | 23° 1 24°13 | 5°59 6°37 | 24°30 24°42 | 6°47 6°44 | 14° 4 14° 3 | 0°36 0°34 | 22°53 22°53 | 10°28 10°19 | 9°48 9°45 | 22°58 23° 4 | 26°24 26°22 | F 15 S 16 |
| | | | | | | | | | _ | | | | | | | |
| S 17 | 23 45 23 | 25° 0'33 | 22°24 | 27°55 | 25°25 | 7°16 | 24°54 | 6°41 | 14° 3 | 0°33 | 22°52 | 10°13 | 9°42 | 23°11 | 26°21 | S 17 |
| M18 T 19 | 23 49 20 23 53 17 | 25°58'25 26°56'18 | 4 ∏ 26 16°18 | 29°51 1 Ω 46 | 26°37 27°50 | 7°54 8°33 | 25° 6 25°18 | 6°38 6°35 | 14° 3 14° 2 | 0°31 0°29 | 22°51 22°51 | 10° 9 10° 7 | 9°39 9°35 | 23°18 23°24 | 26°20 26°19 | M18 T 19 |
| W20 | 23 57 13 | 20°54'13 | 28° 7 | 3°39 | 27° 2 | 9°11 | 25°30 | 6°32 | 14° 2 | 0°28 | 22°51 | 10°D 6 | 9°32 | 23°31 | 26°18 | W20 |
| T 21 | 0 1 10 | 28°52'10 | 9957 | 5°31 | 0 mp 14 | 9°50 | 25°42 | 6°29 | 14° 2 | 0°26 | 22°50 | 10°R 6 | 9°29 | 23°38 | 26°17 | T 21 |
| F 22 | 0 5 6 | 29°50'08 | 21°54 | 7°21 | 1°27 | 10°28 | 25°54 | 6°26 | 14°D 2 | 0°24 | 22°50 | 10° 6 | 9°26 | 23°44 | 26°17 | F 22 |
| S 23 | 0 9 3 | 0 ჲ 48'08 | 4 Ω 2 | 9°11 | 2°40 | 11° 6 | 26° 6 | 6°23 | 14° 2 | 0°23 | 22°49 | 10° 4 | 9°23 | 23°51 | 26°16 | S 23 |
| S 24 | 0 12 59 | 1°46'09 | 16°27 | 10°59 | 3°52 | 11°45 | 26°18 | 6°19 | 14° 2 | 0°21 | 22°49 | 10° 0 | 9°19 | 23°58 | 26°15 | S 24 |
| M25 | 0 16 56 | 2°44'13 | 29°12 | 12°46 | 5° 5 | 12°23 | 26°31 | 6°16 | 14° 2 | 0°19 | 22°49 | 9°53 | 9°16 | 24° 4 | 26°15 | M25 |
| | | | _ ~ | _ | | - | | | - | | - | | | | - | T 26 |
| | | | | | , | | | | | | _ | / | , | _ | - | W27 |
| _ | | | , | | | | -, - | | - | | | | , | | - | T 28 F 29 |
| - | | | | | , | | -, -, | | | | | | | | 26°14 26 ~ 14 | F 29 S 30 |
| T 26 W27 T 28 F 29 S 30 | 0 20 52 0 24 49 0 28 46 0 32 42 0 36 39 | 3°42'18 4°40'24 5°38'33 6°36'43 7 £ 34'54 | 12 m 18 25°46 9 2 34 23°37 7 m 52 | 14°31 16°15 17°58 19°40 21 2 21 | 6°18 7°31 8°43 9°56 11 M 9 | 13° 1 13°39 14°17 14°56 15 m 34 | 26°43 26°56 27° 8 27°20 27 • 33 | 6°12 6° 9 6° 5 6° 2 5 8 58 | 14° 3 14° 3 14° 3 14° 3 14° 4 | 0°18 0°16 0°15 0°13 0 Y 11 | 22°49 22°48 22°48 22°48 22°548 | 9°43 9°32 9°20 9° 8 8₹58 | 9°13 9°10 9°7 9°4 9 ठ 0 | 24°11 24°18 24°24 24°31 24 II 38 | 26°14 26°14 26°14 26°14 26 飞 14 | 1 1 1 |

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| Day | Sid.t | \odot | 2) | Q | Υ | o' | 4 | ħ | ₩. | # | E | γ .β | 83 | \$ | δ | Day |
|------|---------|------------------|----------------|---------------|----------------|-----------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|-----------------|----------------|------|
| S 1 | 0 40 35 | 8 ჲ 33'07 | 22 M 11 | 23 ♀ 1 | 12 Mp 22 | 16 M)12 | 27 ≙ 45 | 5°R54 | 14る 4 | 0°R10 | 22°R48 | 8°R50 | 8 궁 57 | 24∏44 | 26°D14 | S 1 |
| M 2 | 0 44 32 | 9°31'22 | 6 ₹ 31 | 24°39 | 13°35 | 16°50 | 27°58 | 5 8 50 | 14° 5 | oΥ 8 | 22 る 48 | 8 궁 45 | 8°54 | 24°51 | 26 궁 14 | M 2 |
| T 3 | 0 48 28 | 10°29'37 | 20°47 | 26°16 | 14°49 | 17°28 | 28°11 | 5°46 | 14° 5 | 0° 6 | 22°48 | 8°43 | 8°51 | 24°57 | 26°14 | T 3 |
| W 4 | 0 52 25 | 11°27'55 | 4 궁 58 | 27°52 | 16° 2 | 18° 6 | 28°23 | 5°42 | 14° 6 | 0° 5 | 22°D48 | 8°42 | 8°48 | 25° 4 | 26°14 | W 4 |
| T 5 | 0 56 21 | 12°26'13 | 19° 2 | 29°27 | 17°15 | 18°44 | 28°36 | 5°38 | 14° 6 | 0° 3 | 22°48 | 8°42 | 8°45 | 25°11 | 26°14 | T 5 |
| F 6 | 1 0 18 | 13°24'33 | 2≈58 | 1 m 1 | 18°28 | 19°22 | 28°49 | 5°34 | 14° 7 | 0° 2 | 22°48 | 8°41 | 8°41 | 25°17 | 26°15 | F 6 |
| S 7 | 1 4 15 | 14°22'55 | 16°46 | 2°33 | 19°42 | 20° 0 | 29° 1 | 5°30 | 14° 8 | 29 米 59 | 22°48 | 8°38 | 8°38 | 25°24 | 26°15 | S 7 |
| S 8 | 1 8 11 | 15°21'18 | 0 ∺ 26 | 4° 5 | 20°55 | 20°38 | 29°14 | 5°25 | 14° 9 | 29°58 | 22°48 | 8°33 | 8°35 | 25°31 | 26°16 | S 8 |
| M 9 | 1 12 8 | 16°19'42 | 13°56 | 5°36 | 22° 8 | 21°16 | 29°27 | 5°21 | 14° 9 | 29°57 | 22°48 | 8°24 | 8°32 | 25°37 | 26°16 | M 9 |
| T 10 | 1 16 4 | 17°18'08 | 27°16 | 7° 5 | 23°22 | 21°54 | 29°39 | 5°17 | 14°10 | 29°55 | 22°48 | 8°14 | 8°29 | 25°44 | 26°17 | T 10 |
| W11 | 1 20 1 | 18°16'36 | 10 Y 22 | 8°33 | 24°35 | 22°32 | 29°52 | 5°13 | 14°11 | 29°54 | 22°48 | 8° 1 | 8°25 | 25°51 | 26°18 | W11 |
| T 12 | 1 23 57 | 19°15'05 | 23°15 | 10° 0 | 25°49 | 23°10 | OM 5 | 5° 8 | 14°12 | 29°52 | 22°49 | 7°48 | 8°22 | 25°57 | 26°19 | T 12 |
| F 13 | 1 27 54 | 20°13'37 | 5 8 53 | 11°26 | 27° 3 | 23°47 | 0°18 | 5° 4 | 14°13 | 29°51 | 22°49 | 7°36 | 8°19 | 26° 4 | 26°20 | F 13 |
| S 14 | 1 31 50 | 21°12'10 | 18°16 | 12°51 | 28°16 | 24°25 | 0°31 | 4°59 | 14°14 | 29°49 | 22°49 | 7°26 | 8°16 | 26°11 | 26°21 | S 14 |
| S 15 | 1 35 47 | 22°10'45 | 0Д26 | 14°15 | 29°30 | 25° 3 | 0°44 | 4°55 | 14°16 | 29°48 | 22°50 | 7°18 | 8°13 | 26°17 | 26°22 | S 15 |
| M16 | 1 39 43 | 23° 9'22 | 12°25 | 15°38 | 0 ≏ 44 | 25°41 | 0°56 | 4°50 | 14°17 | 29°46 | 22°50 | 7°13 | 8°10 | 26°24 | 26°23 | M16 |
| T 17 | 1 43 40 | 24° 8'02 | 24°15 | 16°59 | 1°58 | 26°19 | 1° 9 | 4°46 | 14°18 | 29°45 | 22°50 | 7°10 | 8° 6 | 26°31 | 26°24 | T 17 |
| W18 | 1 47 37 | 25° 6'43 | 6 9 3 | 18°19 | 3°11 | 26°56 | 1°22 | 4°41 | 14°19 | 29°43 | 22°51 | 7°D10 | 8° 3 | 26°37 | 26°26 | W18 |
| T 19 | 1 51 33 | 26° 5'27 | 17°51 | 19°38 | 4°25 | 27°34 | 1°35 | 4°37 | 14°21 | 29°42 | 22°51 | 7°10 | 8° 0 | 26°44 | 26°27 | T 19 |
| F 20 | 1 55 30 | 27° 4'13 | 29°47 | 20°55 | 5°39 | 28°12 | 1°48 | 4°32 | 14°22 | 29°40 | 22°52 | 7°R10 | 7°57 | 26°50 | 26°29 | F 20 |
| S 21 | 1 59 26 | 28° 3'01 | 11 Ω 55 | 22°11 | 6°53 | 28°49 | 2° 1 | 4°27 | 14°23 | 29°39 | 22°52 | 7° 9 | 7°54 | 26°57 | 26°30 | S 21 |
| S 22 | 2 3 23 | 29° 1'51 | 24°21 | 23°26 | 8° 7 | 29°27 | 2°14 | 4°23 | 14°25 | 29°38 | 22°53 | 7° 6 | 7°50 | 27° 4 | 26°32 | S 22 |
| M23 | 2 7 19 | OM 0'43 | 7 m y 9 | 24°39 | 9°21 | 0요 5 | 2°27 | 4°18 | 14°27 | 29°36 | 22°53 | 7° 1 | 7°47 | 27°10 | 26°34 | M23 |
| T 24 | 2 11 16 | 0°59'37 | 20°22 | 25°50 | 10°35 | 0°42 | 2°40 | 4°13 | 14°28 | 29°35 | 22°54 | 6°53 | 7°44 | 27°17 | 26°36 | T 24 |
| W25 | 2 15 12 | 1°58'33 | 4 ♀ 0 | 26°59 | 11°50 | 1°20 | 2°53 | 4° 9 | 14°30 | 29°34 | 22°55 | 6°44 | 7°41 | 27°24 | 26°38 | W25 |
| T 26 | 2 19 9 | 2°57'32 | 18° 4 | 28° 7 | 13° 4 | 1°57 | 3° 6 | 4° 4 | 14°31 | 29°32 | 22°55 | 6°34 | 7°38 | 27°30 | 26°40 | T 26 |
| F 27 | 2 23 6 | 3°56'33 | 2M28 | 29°13 | 14°18 | 2°35 | 3°19 | 3°59 | 14°33 | 29°31 | 22°56 | 6°24 | 7°35 | 27°37 | 26°42 | F 27 |
| S 28 | 2 27 2 | 4°55'35 | 17° 6 | 0 才 16 | 15°32 | 3°12 | 3°32 | 3°54 | 14°35 | 29°30 | 22°57 | 6°15 | 7°31 | 27°44 | 26°44 | S 28 |
| S 29 | 2 30 59 | 5°54'40 | 1 才 51 | 1°17 | 16°47 | 3°50 | 3°45 | 3°50 | 14°37 | 29°28 | 22°57 | 6° 8 | 7°28 | 27°50 | 26°46 | S 29 |
| M30 | 2 34 55 | 6°53'46 | 16°35 | 2°15 | 18° 1 | 4°27 | 3°57 | 3°45 | 14°39 | 29°27 | 22°58 | 6° 4 | 7°25 | 27°57 | 26°48 | M30 |
| T 31 | 2 38 52 | 7 M 52'54 | 1 궁 12 | 3 ₹ 11 | 19 ≏ 15 | 5 ₾ 5 | 4 M L10 | 3 8 40 | 14 궁 40 | 29 米 26 | 22 る 59 | 6°D 3 | 7 る 22 | 28 I I 4 | 26 ප 51 | T 31 |

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| Day | Sid.t | 0 | D | ğ | Q | ð | 4 | ħ |)∤(| ¥ | В | ů | Ω | ţ | ę, | Day |
|------|---------|-------------------|------------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|-------|----------------|------|
| W 1 | 2 42 48 | 8ML52'04 | 15 る 37 | 4 才 4 | 20 ₾ 30 | 5 ≙ 42 | 4M23 | 3°R36 | 14 石 42 | 29°R25 | 23る 0 | 6 ට 3 | 7 云 19 | 28耳10 | 26 궁 53 | W 1 |
| T 2 | 2 46 45 | 9°51'15 | 29°47 | 4°53 | 21°44 | 6°20 | 4°36 | 3 8 31 | 14°44 | 29 米 24 | 23° 1 | 6° 4 | 7°16 | 28°17 | 26°56 | T 2 |
| F 3 | 2 50 41 | 10°50'28 | 13 ≈ 41 | 5°38 | 22°59 | 6°57 | 4°49 | 3°26 | 14°46 | 29°22 | 23° 2 | 6°R 4 | 7°12 | 28°24 | 26°58 | F 3 |
| S 4 | 2 54 38 | 11°49'43 | 27°21 | 6°20 | 24°13 | 7°34 | 5° 2 | 3°22 | 14°49 | 29°21 | 23° 3 | 6° 3 | 7° 9 | 28°30 | 27° 1 | S 4 |
| S 5 | 2 58 35 | 12°48'59 | 10) (45 | 6°57 | 25°28 | 8°12 | 5°15 | 3°17 | 14°51 | 29°20 | 23° 4 | 6° 0 | 7° 6 | 28°37 | 27° 4 | S 5 |
| M 6 | 3 2 3 1 | 13°48'17 | 23°56 | 7°29 | 26°42 | 8°49 | 5°28 | 3°13 | 14°53 | 29°19 | 23° 5 | 5°54 | 7° 3 | 28°43 | 27° 7 | M 6 |
| T 7 | 3 6 28 | 14°47'37 | 6 Υ 54 | 7°56 | 27°57 | 9°26 | 5°41 | 3° 8 | 14°55 | 29°18 | 23° 6 | 5°46 | 7° 0 | 28°50 | 27°10 | T 7 |
| W 8 | 3 10 24 | 15°46'58 | 19°39 | 8°18 | 29°11 | 10° 3 | 5°54 | 3° 4 | 14°57 | 29°17 | 23° 7 | 5°38 | 6°56 | 28°57 | 27°13 | W 8 |
| T 9 | 3 14 21 | 16°46'22 | 2813 | 8°33 | 0 M 26 | 10°40 | 6° 7 | 2°59 | 15° 0 | 29°16 | 23° 8 | 5°28 | 6°53 | 29° 3 | 27°16 | T 9 |
| F 10 | 3 18 17 | 17°45'47 | 14°35 | 8°41 | 1°41 | 11°18 | 6°19 | 2°55 | 15° 2 | 29°15 | 23° 9 | 5°20 | 6°50 | 29°10 | 27°19 | F 10 |
| S 11 | 3 22 14 | 18°45'14 | 26°46 | 8°R42 | 2°55 | 11°55 | 6°32 | 2°50 | 15° 4 | 29°14 | 23°10 | 5°12 | 6°47 | 29°17 | 27°22 | S 11 |
| S 12 | 3 26 10 | 19°44'43 | 8 Ⅱ 48 | 8°34 | 4°10 | 12°32 | 6°45 | 2°46 | 15° 7 | 29°13 | 23°11 | 5° 7 | 6°44 | 29°23 | 27°25 | S 12 |
| M13 | 3 30 7 | 20°44'15 | 20°41 | 8°19 | 5°25 | 13° 9 | 6°58 | 2°41 | 15° 9 | 29°12 | 23°12 | 5° 4 | 6°41 | 29°30 | 27°28 | M13 |
| T 14 | 3 34 4 | 21°43'48 | 29 | 7°55 | 6°39 | 13°46 | 7°11 | 2°37 | 15°12 | 29°12 | 23°14 | 5°D 2 | 6°37 | 29°37 | 27°32 | T 14 |
| W15 | 3 38 0 | 22°43'23 | 14°16 | 7°22 | 7°54 | 14°23 | 7°23 | 2°33 | 15°14 | 29°11 | 23°15 | 5° 3 | 6°34 | 29°43 | 27°35 | W15 |
| T 16 | 3 41 57 | 23°43'01 | 26° 4 | 6°40 | 9° 9 | 15° 0 | 7°36 | 2°29 | 15°17 | 29°10 | 23°16 | 5° 4 | 6°31 | 29°50 | 27°39 | T 16 |
| F 17 | 3 45 53 | 24°42'41 | 7 Ω 59 | 5°50 | 10°24 | 15°37 | 7°49 | 2°25 | 15°19 | 29° 9 | 23°18 | 5° 6 | 6°28 | 29°57 | 27°42 | F 17 |
| S 18 | 3 49 50 | 25°42'23 | 20° 5 | 4°52 | 11°39 | 16°14 | 8° 1 | 2°20 | 15°22 | 29° 8 | 23°19 | 5°R 7 | 6°25 | 0න 3 | 27°46 | S 18 |
| S 19 | 3 53 46 | 26°42'06 | 2 Mp 28 | 3°46 | 12°54 | 16°51 | 8°14 | 2°16 | 15°25 | 29° 8 | 23°20 | 5° 7 | 6°22 | 0°10 | 27°50 | S 19 |
| M20 | 3 57 43 | 27°41'53 | 15°12 | 2°35 | 14° 9 | 17°28 | 8°27 | 2°12 | 15°27 | 29° 7 | 23°22 | 5° 5 | 6°18 | 0°16 | 27°54 | M20 |
| T 21 | 4 1 39 | 28°41'41 | 28°22 | 1°20 | 15°24 | 18° 5 | 8°39 | 2° 8 | 15°30 | 29° 6 | 23°23 | 5° 2 | 6°15 | 0°23 | 27°57 | T 21 |
| W22 | 4 5 36 | 29°41'31 | 11 ≏ 59 | 0° 3 | 16°39 | 18°42 | 8°52 | 2° 5 | 15°33 | 29° 6 | 23°24 | 4°58 | 6°12 | 0°30 | 28° 1 | W22 |
| T 23 | 4 9 33 | 0 ∡ 741'24 | 26° 5 | 28M46 | 17°54 | 19°19 | 9° 4 | 2° 1 | 15°36 | 29° 5 | 23°26 | 4°52 | 6° 9 | 0°36 | 28° 5 | T 23 |
| F 24 | 4 13 29 | 1°41'18 | 10MJ36 | 27°33 | 19° 9 | 19°56 | 9°17 | 1°57 | 15°39 | 29° 5 | 23°27 | 4°47 | 6° 6 | 0°43 | 28° 9 | F 24 |
| S 25 | 4 17 26 | 2°41'15 | 25°27 | 26°24 | 20°24 | 20°33 | 9°29 | 1°53 | 15°42 | 29° 4 | 23°29 | 4°43 | 6° 2 | 0°50 | 28°13 | S 25 |
| S 26 | 4 21 22 | 3°41'13 | 10 ∡ 29 | 25°23 | 21°39 | 21° 9 | 9°42 | 1°50 | 15°44 | 29° 4 | 23°30 | 4°39 | 5°59 | 0°56 | 28°17 | S 26 |
| M27 | 4 25 19 | 4°41'14 | 2 <u>5</u> °35 | 24°31 | 22°54 | 21°46 | 9°54 | 1°46 | 15°47 | 29° 3 | 23°32 | 4°38 | 5°56 | 1° 3 | 28°22 | M27 |
| T 28 | 4 29 15 | 5°41'16 | 10 ට 34 | 23°49 | 24° 9 | 22°23 | 10° 6 | 1°43 | 15°50 | 29° 3 | 23°34 | 4°D38 | 5°53 | 1°10 | 28°26 | T 28 |
| W29 | 4 33 12 | 6°41'19 | 25°20 | 23°18 | 25°24 | 23° 0 | 10°18 | 1°39 | 15°53 | 29° 2 | 23°35 | 4°39 | 5°50 | 1°16 | 28°30 | W29 |
| T 30 | 4 37 9 | 7 √ 41'24 | 9≈47 | 22 M 59 | 26M39 | 23 ≏ 36 | 10 M 31 | 1 8 36 | 15 る 56 | 29 米 2 | 23 る 37 | 4 전 40 | 5 궁 47 | 19523 | 28 궁 35 | T 30 |

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|-------------|-------------------|----------------------|-------------------------|----------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|---------------|---------------|--------------|----------------|-------------|
| F 1 | 4 41 5 | 8 ∡ 141'31 | 23≈51 | 22°D51 | 27 M 54 | 24 ₾ 13 | 10 M .43 | 1°R33 | 16 ට 0 | 29°R 2 | 23 궁 38 | 4 궁 41 | 5 る 43 | 1930 | 28 궁 39 | F 1 |
| S 2 | 4 45 2 | 9°41'38 | 7) €34 | 22 M 55 | 29° 9 | 24°50 | 10°55 | 1829 | 16° 3 | 29 米 1 | 23°40 | 4°R42 | 5°40 | 1°36 | 28°43 | S 2 |
| S 3 | 4 48 58 | 10°41'48 | 20°55 | 23°10 | 0 ≯ 24 | 25°26 | 11° 7 | 1°26 | 16° 6 | 29° 1 | 23°42 | 4°42 | 5°37 | 1°43 | 28°48 | S 3 |
| M 4 | 4 52 55 | 11°41'58 | 3Υ 56 | 23°34 | 1°40 | 26° 3 | 11°19 | 1°23 | 16° 9 | 29° 1 | 23°43 | 4°40 | 5°34 | 1°50 | 28°52 | M 4 |
| T 5 | 4 56 51 | 12°42'10 | 16°40 | 24° 8 | 2°55 | 26°39 | 11°31 | 1°20 | 16°12 | 29° 1 | 23°45 | 4°38 | 5°31 | 1°56 | 28°57 | T 5 |
| W 6 T 7 | 5 0 48 5 4 44 | 13°42'24 14°42'39 | 29°10 11 8 27 | 24°49 25°39 | 4°10 5°25 | 27°16 27°52 | 11°43 11°55 | 1°17 1°15 | 16°15 16°19 | 29° 1 29° 0 | 23°47 23°49 | 4°35 4°31 | 5°28 5°24 | 2° 3 2° 9 | 29° 2 29° 6 | W 6 T 7 |
| F 8 | 5 4 44 5 8 41 | 14 42 39 15°42'55 | 23°35 | 25°34 | 6°40 | 27°32 28°29 | 11 33 12° 7 | 1°12 | 16°19 | 29° 0 | 23°51 | 4°28 | 5°21 | 2°16 | 29°11 | F 8 |
| S 9 | 5 12 38 | 16°43'13 | 5 II 35 | 20°34 27°36 | 7°56 | 29° 5 | 12°19 | 1° 9 | 16°25 | 29° 0 | 23°52 | 4°25 | 5°18 | 2°23 | 29°16 | S 9 |
| S 10 | 5 16 34 | 17°43'33 | 17°28 | 28°42 | 9°11 | 29°41 | 12°30 | 1° 7 | 16°28 | 29°D 0 | 23°54 | 4°24 | 5°15 | 2°29 | 29°21 | S 10 |
| M11 | 5 20 31 | 18°43'54 | 29°17 | 29°53 | 10°26 | 0 M _18 | 12°42 | 1° 5 | 16°32 | 29° 0 | 23°56 | 4°D23 | 5°12 | 2°36 | 29°26 | M11 |
| T 12 | 5 24 27 | 19°44'17 | 1199 5 | 1 ×7 7 | 11°41 | 0°54 | 12°54 | 1° 2 | 16°35 | 29° 0 | 23°58 | 4°23 | 5° 8 | 2°43 | 29°31 | T 12 |
| W13 | 5 28 24 | 20°44'41 | 22°52 | 2°25 | 12°57 | 1°30 | 13° 5 | 1° 0 | 16°38 | 29° 0 | 24° 0 | 4°24 | 5° 5 | 2°49 | 29°36 | W13 |
| T 14 | 5 32 20 | 21°45'07 | 4 Ω 43 | 3°45 | 14°12 | 2° 7 | 13°17 | 0°58 | 16°42 | 29° 1 | 24° 2 | 4°25 | 5° 2 | 2°56 | 29°41 | T 14 |
| F 15 | 5 36 17 | 22°45'35 | 16°40 | 5° 7 | 15°27 | 2°43 | 13°28 | 0°56 | 16°45 | 29° 1 | 24° 3 | 4°26 | 4°59 | 3° 3 | 29°46 | F 15 |
| S 16 | 5 40 13 | 23°46'04 | 28°48 | 6°32 | 16°42 | 3°19 | 13°39 | 0°54 | 16°49 | 29° 1 | 24° 5 | 4°27 | 4°56 | 3° 9 | 29°51 | S 16 |
| S 17 | 5 44 10 | 24°46'35 | 11 m) 10 | 7°58 | 17°58 | 3°55 | 13°50 | 0°52 | 16°52 | 29° 1 | 24° 7 | 4°28 | 4°53 | 3°16 | 29°56 | S 17 |
| M18 | 5 48 7 | 25°47'07 | 23°50 | 9°25 | 19°13 | 4°31 | 14° 2 | 0°50 | 16°55 | 29° 1 | 24° 9 | 4°R28 | 4°49 | 3°23 | 0 ≈ 1 | M18 |
| T 19 | 5 52 3 | 26°47'42 27°48'17 | 6 ₾ 53 | 10°53 | 20°28 21°44 | 5° 7 5°43 | 14°13 14°24 | 0°49 0°47 | 16°59 17°2 | 29° 2 29° 2 | 24°11 24°13 | 4°28 4°28 | 4°46 | 3°29 | 0° 6 0°11 | T 19 W20 |
| W20 T 21 | 5 56 0 5 59 56 | 28°48'17 | 20°21 4ML16 | 12°23 13°53 | 21°44 22°59 | 6°19 | 14°24 14°35 | 0°47 0°46 | 17° 2 | 29° 2 | 24°13 | 4°28 4°27 | 4°43 4°40 | 3°36 3°42 | 0°17 | T 21 |
| F 22 | 6 3 53 | 29°49'34 | 18°38 | 15°23 | 24°14 | 6°55 | 14°46 | 0°45 | 17° 9 | 29° 3 | 24°17 | 4°26 | 4°37 | 3°49 | 0°22 | F 22 |
| S 23 | 6 7 49 | 0 ප් 50'15 | 3 ₹ 24 | 16°54 | 25°30 | 7°31 | 14°57 | 0°43 | 17°13 | 29° 3 | 24°19 | 4°26 | 4°34 | 3°56 | 0°27 | S 23 |
| S 24 | 6 11 46 | 1°50'57 | 18°27 | 18°26 | 26°45 | 8° 7 | 15° 7 | 0°42 | 17°17 | 29° 4 | 24°21 | 4°26 | 4°30 | 4° 2 | 0°33 | S 24 |
| M25 | 6 15 42 | 2°51'41 | 3 ප් 40 | 19°58 | 28° 1 | 8°43 | 15°18 | 0°41 | 17°20 | 29° 4 | 24°23 | 4°D26 | 4°27 | 4° 9 | 0°38 | M25 |
| T 26 | 6 19 39 | 3°52'25 | 18°53 | 21°30 | 29°16 | 9°19 | 15°28 | 0°40 | 17°24 | 29° 5 | 24°25 | 4°26 | 4°24 | 4°16 | 0°44 | T 26 |
| W27 | 6 23 36 | 4°53'11 | 3≈56 | 23° 3 | 0 ප 32 | 9°55 | 15°39 | 0°40 | 17°27 | 29° 5 | 24°27 | 4°R26 | 4°21 | 4°22 | 0°49 | W27 |
| T 28 | 6 27 32 | 5°53'58 | 18°41 | 24°35 | 1°47 | 10°30 | 15°49 | 0°39 | 17°31 | 29° 6 | 24°29 | 4°26 | 4°18 | 4°29 | 0°55 | T 28 |
| F 29 | 6 31 29 | 6°54'45 | 3) € 1 | 26° 8 27°41 | 3° 2 4°18 | 11° 6 11°42 | 16° 0 16°10 | 0°38 | 17°34 | 29° 6 29° 7 | 24°32 | 4°25 | 4°14 | 4°36 4°42 | 1° 0 1° 6 | F 29 |
| S 30 | 6 35 25 | 7°55'33 | 16°56 | | _ | | | 0°38 | 17°38 | | 24°34 | 4°25 | 4°11 | | | S 30 |
| S 31 | 6 39 22 | 8 궁 56'22 | 0 Υ 23 | 29 × 14 | 5 る 33 | 12 M 17 | 16ML20 | 0 8 38 | 17 る 42 | 29 米 8 | 24 궁 36 | 4 る 25 | 4 る 8 | 49 | 1≈11 | S 31 |

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