

SWISS EPHEMERIS for the year 848

JANUARY 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|----------|-------|--------|-------|-------|--------|-------|--------|-------|---------|---------|-------|--------|---|---|---|---|---|---|---|---|
| S 1 | 6 55 50 | 14°34'05 | 28°10'10 | 13° 3 | 7°55'3 | 20°46 | 27°53 | 13° 9 | 4°R33 | 20°28 | 1°V51 | 26°R39 | 25°II54 | 8°24 | 20°V55 | | | | | | | | |
| M 2 | 6 59 46 | 15°42'09 | 10° 3 | 2°35 | 9° 7 | 21°16 | 28° 6 | 13°14 | 4°B33 | 20°31 | 1°S1 | 26°II38 | 25°51 | 8°31 | 20°55 | | | | | | | | |
| T 3 | 7 3 43 | 16°43'12 | 21°56 | 4° 9 | 10°22 | 21°47 | 28°18 | 13°19 | 4°32 | 20°33 | 1°S2 | 26°D38 | 25°48 | 8°38 | 20°56 | | | | | | | | |
| W 4 | 7 7 39 | 17°44'14 | 31°52 | 5°42 | 11°37 | 22°17 | 28°31 | 13°25 | 4°32 | 20°35 | 1°S2 | 26°38 | 25°44 | 8°45 | 20°56 | | | | | | | | |
| T 5 | 7 11 36 | 18°45'16 | 15°58 | 7°17 | 12°51 | 22°47 | 28°44 | 13°30 | 4°32 | 20°38 | 1°S3 | 26°40 | 25°41 | 8°51 | 20°56 | | | | | | | | |
| F 6 | 7 15 33 | 19°46'17 | 28°17 | 8°52 | 14° 6 | 23°17 | 28°57 | 13°35 | 4°32 | 20°40 | 1°S4 | 26°42 | 25°38 | 8°58 | 20°57 | | | | | | | | |
| S 7 | 7 19 29 | 20°47'18 | 10°53 | 10°28 | 15°20 | 23°47 | 29° 9 | 13°41 | 4°32 | 20°42 | 1°S4 | 26°43 | 25°35 | 9° 5 | 20°58 | | | | | | | | |
| S 8 | 7 23 26 | 21°48'17 | 23°49 | 12° 4 | 16°35 | 24°17 | 29°22 | 13°46 | 4°D32 | 20°44 | 1°S5 | 26°R44 | 25°32 | 9°11 | 20°58 | | | | | | | | |
| M 9 | 7 27 22 | 22°49'16 | 7° 3 | 13°41 | 17°49 | 24°46 | 29°35 | 13°52 | 4°32 | 20°47 | 1°S5 | 26°44 | 25°28 | 9°18 | 20°59 | | | | | | | | |
| T 10 | 7 31 19 | 23°50'14 | 20°44 | 15°19 | 19° 4 | 25°15 | 29°48 | 13°58 | 4°32 | 20°49 | 1°S6 | 26°42 | 25°25 | 9°25 | 21° 0 | | | | | | | | |
| W11 | 7 35 15 | 24°51'11 | 48°42 | 16°57 | 20°18 | 25°44 | 0°H 2 | 14° 3 | 4°32 | 20°51 | 1°S7 | 26°39 | 25°22 | 9°32 | 21° 1 | | | | | | | | |
| T 12 | 7 39 12 | 25°52'06 | 18°54 | 18°36 | 21°33 | 26°13 | 0°15 | 14° 9 | 4°32 | 20°54 | 1°S7 | 26°35 | 25°19 | 9°38 | 21° 2 | | | | | | | | |
| F 13 | 7 43 9 | 26°53'00 | 3°H16 | 20°16 | 22°47 | 26°42 | 0°28 | 14°15 | 4°32 | 20°56 | 1°S8 | 26°30 | 25°16 | 9°45 | 21° 2 | | | | | | | | |
| S 14 | 7 47 5 | 27°53'53 | 17°42 | 21°57 | 24° 1 | 27°11 | 0°41 | 14°21 | 4°32 | 20°58 | 1°S9 | 26°25 | 25°13 | 9°52 | 21° 3 | | | | | | | | |
| S 15 | 7 51 2 | 28°54'44 | 2°V 7 | 23°38 | 25°16 | 27°39 | 0°55 | 14°27 | 4°33 | 21° 0 | 1°S9 | 26°22 | 25° 9 | 9°59 | 21° 5 | | | | | | | | |
| M16 | 7 54 58 | 29°55'34 | 16°27 | 25°20 | 26°30 | 28° 8 | 1° 8 | 14°33 | 4°33 | 21° 3 | 2° 0 | 26°19 | 25° 6 | 10° 5 | 21° 6 | | | | | | | | |
| T 17 | 7 58 55 | 0°56'21 | 0°B37 | 27° 3 | 27°44 | 28°36 | 1°22 | 14°39 | 4°33 | 21° 5 | 2° 1 | 26°D18 | 25° 3 | 10°12 | 21° 7 | | | | | | | | |
| W18 | 8 2 51 | 1°57'08 | 14°38 | 28°47 | 28°58 | 29° 4 | 1°35 | 14°45 | 4°34 | 21° 7 | 2° 2 | 26°19 | 25° 0 | 10°19 | 21° 8 | | | | | | | | |
| T 19 | 8 6 48 | 2°57'53 | 28°26 | 0°31 | 0°H13 | 29°31 | 1°49 | 14°51 | 4°34 | 21° 9 | 2° 2 | 26°20 | 24°57 | 10°25 | 21° 9 | | | | | | | | |
| F 20 | 8 10 44 | 3°58'36 | 12°II 4 | 2°16 | 1°27 | 29°59 | 2° 3 | 14°58 | 4°35 | 21°12 | 2° 3 | 26°22 | 24°54 | 10°32 | 21°11 | | | | | | | | |
| S 21 | 8 14 41 | 4°59'17 | 25°30 | 4° 3 | 2°41 | 0°M26 | 2°16 | 15° 4 | 4°36 | 21°14 | 2° 4 | 26°R23 | 24°50 | 10°39 | 21°12 | | | | | | | | |
| S 22 | 8 18 38 | 5°59'57 | 8°245 | 5°49 | 3°55 | 0°53 | 2°30 | 15°10 | 4°36 | 21°16 | 2° 5 | 26°22 | 24°47 | 10°46 | 21°14 | | | | | | | | |
| M23 | 8 22 34 | 7° 0'35 | 21°48 | 7°37 | 5° 9 | 1°20 | 2°44 | 15°17 | 4°37 | 21°18 | 2° 6 | 26°19 | 24°44 | 10°52 | 21°15 | | | | | | | | |
| T 24 | 8 26 31 | 8° 1'12 | 4°L40 | 9°25 | 6°23 | 1°46 | 2°58 | 15°23 | 4°38 | 21°20 | 2° 7 | 26°14 | 24°41 | 10°59 | 21°17 | | | | | | | | |
| W25 | 8 30 27 | 9° 1'47 | 17°19 | 11°15 | 7°37 | 2°13 | 3°12 | 15°30 | 4°39 | 21°23 | 2° 8 | 26° 8 | 24°38 | 11° 6 | 21°19 | | | | | | | | |
| T 26 | 8 34 24 | 10° 2'21 | 29°46 | 13° 4 | 8°50 | 2°39 | 3°25 | 15°36 | 4°40 | 21°25 | 2° 9 | 26° 0 | 24°34 | 11°12 | 21°20 | | | | | | | | |
| F 27 | 8 38 20 | 11° 2'52 | 12°II 2 | 14°55 | 10° 4 | 3° 5 | 3°39 | 15°43 | 4°41 | 21°27 | 2°10 | 25°51 | 24°31 | 11°19 | 21°22 | | | | | | | | |
| S 28 | 8 42 17 | 12° 3'23 | 24° 8 | 16°46 | 11°18 | 3°31 | 3°53 | 15°50 | 4°42 | 21°29 | 2°11 | 25°42 | 24°28 | 11°26 | 21°24 | | | | | | | | |
| S 29 | 8 46 13 | 13° 3'52 | 6°L 5 | 18°38 | 12°32 | 3°56 | 4° 7 | 15°56 | 4°43 | 21°31 | 2°12 | 25°35 | 24°25 | 11°33 | 21°26 | | | | | | | | |
| M30 | 8 50 10 | 14° 4'19 | 17°58 | 20°30 | 13°45 | 4°21 | 4°21 | 16° 3 | 4°44 | 21°34 | 2°13 | 25°29 | 24°22 | 11°39 | 21°28 | | | | | | | | |
| T 31 | 8 54 7 | 15°46'46 | 29°49 | 22°22 | 14°H59 | 4°M46 | 4°H36 | 16°H10 | 4°B45 | 21°B36 | 2°V14 | 25°II26 | 24°II19 | 11°46 | 21°V29 | | | | | | | | |

Delta T = 43m06s

Julian Calendar 1 Jan. 848 == Greg. Calendar 5 Jan. 848

FEBRUARY 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|---------|---------|--------|--------|---|---|---|---|---|---|---|---|
| W 1 | 8 58 3 | 16°5'10 | 11°M43 | 24°15 | 16°H12 | 5°M11 | 4°H50 | 16°H17 | 4°B46 | 21°B38 | 2°V15 | 25°II24 | 24°II15 | 11°453 | 21°V32 | | | | | | | | |
| T 2 | 9 2 0 | 17° 5'34 | 23°46 | 26° 7 | 17°26 | 5°36 | 5° 4 | 16°23 | 4°47 | 21°40 | 2°16 | 25°24 | 24°12 | 11°59 | 21°34 | | | | | | | | |
| F 3 | 9 5 56 | 18° 5'55 | 6°A 2 | 28° 0 | 18°39 | 6° 0 | 5°18 | 16°30 | 4°49 | 21°42 | 2°17 | 25°25 | 24° 9 | 12° 6 | 21°36 | | | | | | | | |
| S 4 | 9 9 53 | 19° 6'16 | 18°37 | 29°51 | 19°53 | 6°24 | 5°32 | 16°37 | 4°50 | 21°44 | 2°18 | 25°26 | 24° 6 | 12°13 | 21°38 | | | | | | | | |
| S 5 | 9 13 49 | 20° 6'35 | 1°B34 | 1°H42 | 21° 6 | 6°47 | 5°47 | 16°44 | 4°51 | 21°46 | 2°19 | 25°R26 | 24° 3 | 12°20 | 21°40 | | | | | | | | |
| M 6 | 9 17 46 | 21° 6'52 | 14°57 | 3°32 | 22°19 | 7°11 | 6° 1 | 16°51 | 4°53 | 21°48 | 2°20 | 25°25 | 24° 0 | 12°26 | 21°42 | | | | | | | | |
| T 7 | 9 21 42 | 22° 7'08 | 28°48 | 5°21 | 23°33 | 7°34 | 6°15 | 16°58 | 4°54 | 21°50 | 2°21 | 25°20 | 23°56 | 12°33 | 21°45 | | | | | | | | |
| W 8 | 9 25 39 | 23° 7'22 | 13°3 | 7° 8 | 24°46 | 7°56 | 6°30 | 17° 5 | 4°56 | 21°52 | 2°22 | 25°14 | 23°53 | 12°40 | 21°47 | | | | | | | | |
| T 9 | 9 29 36 | 24° 7'34 | 27°39 | 8°52 | 25°59 | 8°19 | 6°44 | 17°13 | 4°57 | 21°54 | 2°23 | 25° 5 | 23°50 | 12°46 | 21°49 | | | | | | | | |
| F 10 | 9 33 32 | 25° 7'44 | 12°H29 | 10°33 | 27°12 | 8°41 | 6°58 | 17°20 | 4°59 | 21°56 | 2°25 | 24°55 | 23°47 | 12°53 | 21°52 | | | | | | | | |
| S 11 | 9 37 29 | 26° 7'52 | 27°24 | 12°12 | 28°25 | 9° 2 | 7°13 | 17°27 | 5° 1 | 21°58 | 2°26 | 24°46 | 23°44 | 13° 0 | 21°54 | | | | | | | | |
| S 12 | 9 41 25 | 27° 7'58 | 12°V14 | 13°46 | 29°38 | 9°24 | 7°27 | 17°34 | 5° 2 | 22° 0 | 2°27 | 24°38 | 23°40 | 13° 7 | 21°57 | | | | | | | | |
| M13 | 9 45 22 | 28° 8'02 | 26°53 | 15°16 | 0°V51 | 9°45 | 7°41 | 17°41 | 5° 4 | 22° 2 | 2°28 | 24°32 | 23°37 | 13°13 | 21°59 | | | | | | | | |
| T 14 | 9 49 18 | 29° 8'04 | 11°B16 | 16°41 | 2° 3 | 10° 5 | 7°56 | 17°49 | 5° 6 | 22° 4 | 2°29 | 24°28 | 23°34 | 13°20 | 22° 2 | | | | | | | | |
| W15 | 9 53 15 | 0°H 8'03 | 25°18 | 18° 0 | 3°16 | 10°26 | 8°10 | 17°56 | 5° 8 | 22° 6 | 2°31 | 24°D27 | 23°31 | 13°27 | 22° 5 | | | | | | | | |
| T 16 | 9 57 11 | 1° 8'00 | 9°II 2 | 19°13 | 4°29 | 10°46 | 8°25 | 18° 3 | 5°10 | 22° 8 | 2°32 | 24°27 | 23°28 | 13°33 | 22° 7 | | | | | | | | |
| F 17 | 10 1 8 | 2° 7'55 | 22°27 | 20°20 | 5°41 | 11° 5 | 8°39 | 18°11 | 5°12 | 22°10 | 2°33 | 24°R27 | 23°25 | 13°40 | 22°10 | | | | | | | | |
| S 18 | 10 5 5 | 3° 7'48 | 5°B35 | 21°20 | 6°54 | 11°24 | 8°54 | 18°18 | 5°14 | 22°12 | 2°34 | 24°27 | 23°21 | 13°47 | 22°13 | | | | | | | | |
| S 19 | 10 9 1 | 4° 7'38 | 18°30 | 22°12 | 8° 6 | 11°43 | 9° 8 | 18°25 | 5°16 | 22°13 | 2°36 | 24°24 | 23°18 | 13°54 | 22°16 | | | | | | | | |
| M20 | 10 12 58 | 5° 7'27 | 1°L13 | 22°56 | 9°19 | 12° 1 | 9°23 | 18°33 | 5°18 | 22°15 | 2°37 | 24°19 | 23°15 | 14° 0 | 22°19 | | | | | | | | |
| T 21 | 10 16 54 | 6° 7'13 | 13°45 | 23°33 | 10°31 | 12°19 | 9°37 | 18°40 | 5°20 | 22°17 | 2°38 | 24°11 | 23°12 | 14° 7 | 22°22 | | | | | | | | |
| W22 | 10 20 51 | 7° 6'56 | 26° 9 | 24° 1 | 11°43 | 12°37 | 9°52 | 18°47 | 5°22 | 22°19 | 2°39 | 24° 0 | 23° 9 | 14°14 | 22°25 | | | | | | | | |
| T 23 | 10 24 47 | 8° 6'38 | 8°M23 | 24°20 | 12°55 | 12°54 | 10° 6 | 18°55 | 5°24 | 22°20 | 2°41 | 23°48 | 23° 6 | 14°20 | 22°28 | | | | | | | | |
| F 24 | 10 28 44 | 9° 6'18 | 20°30 | 24°31 | 14° 7 | 13°11 | 10°21 | 19° 2 | 5°26 | 22°22 | 2°42 | 23°34 | 23° 2 | 14°27 | 22°31 | | | | | | | | |
| S 25 | 10 32 40 | 10° 5'55 | 2°L30 | 24°R34 | 15°19 | 13°27 | 10°35 | 19°10 | 5°29 | 22°24 | 2°43 | 23°20 | 22°59 | 14°34 | 22°34 | | | | | | | | |
| S 26 | 10 36 37 | 11° 5'31 | 14°25 | 24°29 | 16°31 | 13°43 | 10°50 | 19°17 | 5°31 | 22°26 | 2°45 | 23° 8 | 22°56 | 14°41 | 22°37 | | | | | | | | |
| M27 | 10 40 33 | 12° 5'04 | 26°16 | 24°15 | 17°43 | 13°58 | 11° 4 | 19°25 | 5°33 | 22°27 | 2°46 | 22°58 | 22°53 | 14°47 | 22°40 | | | | | | | | |
| T 28 | 10 44 30 | 13° 4'36 | 8°M 6 | 23°55 | 18°54 | 14°13 | 11°19 | 19°32 | 5°36 | 22°29 | 2°47 | 22°50 | 22°50 | 14°54 | 22°43 | | | | | | | | |
| W29 | 10 48 27 | 14°H 4'06 | 19°M59 | 23°H27 | 20°V 6 | 14°M27 | 11°H33 | 19°H40 | 5°B38 | 22°B30 | 2°V49 | 22°II46 | 22°II46 | 15°L 1 | 22°V46 | | | | | | | | |

Delta T = 43m05s

Julian Calendar

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SWISS EPHEMERIS for the year 848

MARCH 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-----------|-------|--------|--------|--------|--------|--------|------|-------|-------|--------|--------|--------|--------|---|
| T 1 | 10 52 23 | 15♌ 3'34 | 2♌ 0 | 22°R53 | 21°V17 | 14♌41 | 11♌48 | 19♌47 | 5♌41 | 22♌32 | 2°V50 | 22°R44 | 22♌43 | 15♌ 7 | 22°V49 | |
| F 2 | 10 56 20 | 16° 3'01 | 14°13 | 22♌14 | 22°29 | 14°55 | 12° 2 | 19°55 | 5°43 | 22°33 | 2°52 | 22♌43 | 22°40 | 15°14 | 22°53 | |
| S 3 | 11 0 16 | 17° 2'25 | 26°44 | 21°30 | 23°40 | 15° 7 | 12°17 | 20° 2 | 5°46 | 22°35 | 2°53 | 22°43 | 22°37 | 15°21 | 22°56 | |
| S 4 | 11 4 13 | 18° 1'48 | 9♌37 | 20°42 | 24°51 | 15°20 | 12°31 | 20°10 | 5°48 | 22°36 | 2°54 | 22°43 | 22°34 | 15°28 | 22°59 | |
| M 5 | 11 8 9 | 19° 1'09 | 22°57 | 19°53 | 26° 3 | 15°31 | 12°46 | 20°17 | 5°51 | 22°38 | 2°56 | 22°40 | 22°31 | 15°34 | 23° 3 | |
| T 6 | 11 12 6 | 20° 0'28 | 6♌46 | 19° 1 | 27°14 | 15°43 | 13° 0 | 20°25 | 5°53 | 22°39 | 2°57 | 22°35 | 22°27 | 15°41 | 23° 6 | |
| W 7 | 11 16 2 | 20°59'45 | 21° 5 | 18°10 | 28°25 | 15°53 | 13°15 | 20°32 | 5°56 | 22°41 | 2°59 | 22°27 | 22°24 | 15°48 | 23° 9 | |
| T 8 | 11 19 59 | 21°59'00 | 5♌50 | 17°19 | 29°35 | 16° 3 | 13°29 | 20°40 | 5°59 | 22°42 | 3° 0 | 22°17 | 22°21 | 15°54 | 23°13 | |
| F 9 | 11 23 56 | 22°58'14 | 20°55 | 16°30 | 0♌46 | 16°13 | 13°44 | 20°47 | 6° 2 | 22°44 | 3° 1 | 22° 6 | 22°18 | 16° 1 | 23°16 | |
| S 10 | 11 27 52 | 23°57'25 | 6°V 8 | 15°43 | 1°57 | 16°21 | 13°58 | 20°55 | 6° 4 | 22°45 | 3° 3 | 21°55 | 22°15 | 16° 8 | 23°20 | |
| S 11 | 11 31 49 | 24°56'33 | 21°20 | 15° 0 | 3° 7 | 16°30 | 14°13 | 21° 3 | 6° 7 | 22°46 | 3° 4 | 21°45 | 22°11 | 16°15 | 23°23 | |
| M12 | 11 35 45 | 25°55'40 | 6♌19 | 14°20 | 4°18 | 16°37 | 14°27 | 21°10 | 6°10 | 22°47 | 3° 6 | 21°37 | 22° 8 | 16°21 | 23°27 | |
| T 13 | 11 39 42 | 26°54'44 | 20°59 | 13°45 | 5°28 | 16°44 | 14°41 | 21°18 | 6°13 | 22°49 | 3° 7 | 21°32 | 22° 5 | 16°28 | 23°30 | |
| W14 | 11 43 38 | 27°53'46 | 5♌14 | 13°15 | 6°38 | 16°50 | 14°56 | 21°25 | 6°16 | 22°50 | 3° 8 | 21°30 | 22° 2 | 16°35 | 23°34 | |
| T 15 | 11 47 35 | 28°52'46 | 19° 4 | 12°50 | 7°48 | 16°56 | 15°10 | 21°33 | 6°19 | 22°51 | 3°10 | 21°D29 | 21°59 | 16°41 | 23°38 | |
| F 16 | 11 51 31 | 29°51'44 | 2♌29 | 12°30 | 8°58 | 17° 1 | 15°24 | 21°40 | 6°22 | 22°52 | 3°11 | 21°R29 | 21°56 | 16°48 | 23°41 | |
| S 17 | 11 55 28 | 0°V50'38 | 15°33 | 12°16 | 10° 8 | 17° 5 | 15°38 | 21°48 | 6°25 | 22°53 | 3°13 | 21°28 | 21°52 | 16°55 | 23°45 | |
| S 18 | 11 59 25 | 1°49'31 | 28°19 | 12° 7 | 11°18 | 17° 9 | 15°53 | 21°55 | 6°28 | 22°55 | 3°14 | 21°26 | 21°49 | 17° 2 | 23°49 | |
| M19 | 12 3 21 | 2°48'21 | 10♌50 | 12°D 3 | 12°28 | 17°12 | 16° 7 | 22° 2 | 6°31 | 22°56 | 3°16 | 21°21 | 21°46 | 17° 8 | 23°52 | |
| T 20 | 12 7 18 | 3°47'09 | 23° 9 | 12° 5 | 13°37 | 17°14 | 16°21 | 22°10 | 6°34 | 22°57 | 3°17 | 21°13 | 21°43 | 17°15 | 23°56 | |
| W21 | 12 11 14 | 4°45'55 | 5♌19 | 12°12 | 14°46 | 17°15 | 16°35 | 22°17 | 6°37 | 22°58 | 3°18 | 21° 3 | 21°40 | 17°22 | 24° 0 | |
| T 22 | 12 15 11 | 5°44'38 | 17°23 | 12°25 | 15°56 | 17°16 | 16°49 | 22°25 | 6°40 | 22°59 | 3°20 | 20°50 | 21°37 | 17°28 | 24° 3 | |
| F 23 | 12 19 7 | 6°43'20 | 29°22 | 12°42 | 17° 5 | 17°R16 | 17° 3 | 22°32 | 6°43 | 23° 0 | 3°21 | 20°37 | 21°33 | 17°35 | 24° 7 | |
| S 24 | 12 23 4 | 7°41'59 | 11♌16 | 13° 4 | 18°14 | 17°15 | 17°17 | 22°39 | 6°46 | 23° 1 | 3°23 | 20°23 | 21°30 | 17°42 | 24°11 | |
| S 25 | 12 27 0 | 8°40'36 | 23° 8 | 13°30 | 19°22 | 17°14 | 17°31 | 22°47 | 6°49 | 23° 1 | 3°24 | 20°11 | 21°27 | 17°49 | 24°15 | |
| M26 | 12 30 57 | 9°39'12 | 4♌59 | 14° 1 | 20°31 | 17°12 | 17°45 | 22°54 | 6°52 | 23° 2 | 3°26 | 20° 1 | 21°24 | 17°55 | 24°19 | |
| T 27 | 12 34 54 | 10°37'45 | 16°51 | 14°36 | 21°40 | 17° 9 | 17°59 | 23° 1 | 6°55 | 23° 3 | 3°27 | 19°54 | 21°21 | 18° 2 | 24°22 | |
| W28 | 12 38 50 | 11°36'17 | 28°46 | 15°14 | 22°48 | 17° 5 | 18°13 | 23° 9 | 6°59 | 23° 4 | 3°28 | 19°49 | 21°17 | 18° 9 | 24°26 | |
| T 29 | 12 42 47 | 12°34'47 | 10♌49 | 15°57 | 23°56 | 17° 1 | 18°27 | 23°16 | 7° 2 | 23° 5 | 3°30 | 19°47 | 21°14 | 18°15 | 24°30 | |
| F 30 | 12 46 43 | 13°33'16 | 23° 3 | 16°43 | 25° 4 | 16°55 | 18°41 | 23°23 | 7° 5 | 23° 5 | 3°31 | 19°D47 | 21°11 | 18°22 | 24°34 | |
| S 31 | 12 50 40 | 14°V31'42 | 5♌32 | 17°X33 | 26♌12 | 16♌49 | 18°X55 | 23°X31 | 7♌ 8 | 23♌ 6 | 3°V33 | 19°D47 | 21°D 8 | 18°D29 | 24°V38 | |

Delta T = 43m05s Julian Calendar 1 March 848 == Greg. Calendar 5 March 848

APRIL 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-----------|--------|-------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|--------|---|
| S 1 | 12 54 36 | 15°V30'07 | 18♌22 | 18♌26 | 27♌20 | 16°R43 | 19♌ 9 | 23♌38 | 7♌12 | 23♌ 7 | 3°V34 | 19°R48 | 21♌ 5 | 18°D35 | 24°V42 | |
| M 2 | 12 58 33 | 16°28'31 | 18♌36 | 19°22 | 28°27 | 16♌35 | 19°22 | 23°45 | 7°15 | 23° 7 | 3°35 | 19°D47 | 21° 2 | 18°42 | 24°45 | |
| T 3 | 13 2 29 | 17°26'53 | 15°19 | 20°21 | 29°35 | 16°27 | 19°36 | 23°52 | 7°18 | 23° 8 | 3°37 | 19°44 | 20°58 | 18°49 | 24°49 | |
| W 4 | 13 6 26 | 18°25'13 | 29°30 | 21°22 | 0♌42 | 16°18 | 19°50 | 23°59 | 7°22 | 23° 9 | 3°38 | 19°38 | 20°55 | 18°56 | 24°53 | |
| T 5 | 13 10 23 | 19°23'31 | 14♌ 9 | 22°27 | 1°49 | 16° 8 | 20° 3 | 24° 6 | 7°25 | 23° 9 | 3°40 | 19°31 | 20°52 | 19° 2 | 24°57 | |
| F 6 | 13 14 19 | 20°21'48 | 29°11 | 23°34 | 2°56 | 15°57 | 20°17 | 24°13 | 7°28 | 23°10 | 3°41 | 19°22 | 20°49 | 19° 9 | 25° 1 | |
| S 7 | 13 18 16 | 21°20'03 | 14°V26 | 24°44 | 4° 3 | 15°46 | 20°30 | 24°20 | 7°32 | 23°10 | 3°42 | 19°13 | 20°46 | 19°16 | 25° 5 | |
| S 8 | 13 22 12 | 22°18'16 | 29°44 | 25°56 | 5° 9 | 15°34 | 20°44 | 24°27 | 7°35 | 23°11 | 3°44 | 19° 6 | 20°43 | 19°22 | 25° 9 | |
| M 9 | 13 26 9 | 23°16'28 | 14♌54 | 27°11 | 6°16 | 15°21 | 20°57 | 24°34 | 7°39 | 23°11 | 3°45 | 19° 0 | 20°39 | 19°29 | 25°13 | |
| T 10 | 13 30 5 | 24°14'38 | 29°46 | 28°28 | 7°22 | 15° 8 | 21°10 | 24°41 | 7°42 | 23°11 | 3°46 | 18°56 | 20°36 | 19°36 | 25°17 | |
| W11 | 13 34 2 | 25°12'45 | 14♌14 | 29°47 | 8°28 | 14°54 | 21°23 | 24°48 | 7°45 | 23°12 | 3°48 | 18°D54 | 20°33 | 19°43 | 25°20 | |
| T 12 | 13 37 58 | 26°10'51 | 28°14 | 1°V 9 | 9°34 | 14°39 | 21°37 | 24°55 | 7°49 | 23°12 | 3°49 | 18°55 | 20°30 | 19°49 | 25°24 | |
| F 13 | 13 41 55 | 27° 8'55 | 11♌47 | 2°32 | 10°39 | 14°23 | 21°50 | 25° 2 | 7°52 | 23°12 | 3°50 | 18°56 | 20°27 | 19°56 | 25°28 | |
| S 14 | 13 45 51 | 28° 6'57 | 24°55 | 3°58 | 11°44 | 14° 7 | 22° 3 | 25° 8 | 7°56 | 23°13 | 3°52 | 18°R56 | 20°23 | 20° 3 | 25°32 | |
| S 15 | 13 49 48 | 29° 4'57 | 7♌41 | 5°26 | 12°49 | 13°51 | 22°16 | 25°15 | 7°59 | 23°13 | 3°53 | 18°56 | 20°20 | 20° 9 | 25°36 | |
| M16 | 13 53 45 | 0♌ 2'55 | 20° 9 | 6°56 | 13°54 | 13°34 | 22°29 | 25°22 | 8° 3 | 23°13 | 3°54 | 18°54 | 20°17 | 20°16 | 25°40 | |
| T 17 | 13 57 41 | 1° 0'51 | 2♌23 | 8°28 | 14°59 | 13°16 | 22°42 | 25°28 | 8° 6 | 23°13 | 3°56 | 18°50 | 20°14 | 20°23 | 25°44 | |
| W18 | 14 1 38 | 1°58'45 | 14°27 | 10° 2 | 16° 3 | 12°58 | 22°55 | 25°35 | 8°10 | 23°13 | 3°57 | 18°44 | 20°11 | 20°29 | 25°48 | |
| T 19 | 14 5 34 | 2°56'37 | 26°24 | 11°38 | 17° 7 | 12°39 | 23° 7 | 25°41 | 8°13 | 23°13 | 3°58 | 18°36 | 20° 8 | 20°36 | 25°52 | |
| F 20 | 14 9 31 | 3°54'28 | 8♌17 | 13°16 | 18°11 | 12°20 | 23°20 | 25°48 | 8°16 | 23°13 | 4° 0 | 18°28 | 20° 4 | 20°43 | 25°56 | |
| S 21 | 14 13 27 | 4°52'17 | 20° 9 | 14°57 | 19°15 | 12° 1 | 23°33 | 25°54 | 8°20 | 23°R13 | 4° 1 | 18°19 | 20° 1 | 20°50 | 25°59 | |
| S 22 | 14 17 24 | 5°50'04 | 2♌ 0 | 16°39 | 20°18 | 11°41 | 23°45 | 26° 1 | 8°23 | 23°13 | 4° 2 | 18°12 | 19°58 | 20°56 | 26° 3 | |
| M23 | 14 21 20 | 6°47'50 | 13°54 | 18°23 | 21°21 | 11°21 | 23°58 | 26° 7 | 8°27 | 23°13 | 4° 3 | 18° 6 | 19°55 | 21° 3 | 26° 7 | |
| T 24 | 14 25 17 | 7°45'34 | 25°51 | 20°10 | 22°24 | 11° 1 | 24°10 | 26°13 | 8°30 | 23°13 | 4° 4 | 18° 2 | 19°52 | 21°10 | 26°11 | |
| W25 | 14 29 14 | 8°43'17 | 7♌54 | 21°58 | 23°26 | 10°40 | 24°22 | 26°20 | 8°34 | 23°13 | 4° 6 | 17°59 | 19°48 | 21°16 | 26°15 | |
| T 26 | 14 33 10 | 9°40'59 | 20° 5 | 23°48 | 24°29 | 10°19 | 24°35 | 26°26 | 8°37 | 23°13 | 4° 7 | 17°D59 | 19°45 | 21°23 | 26°19 | |
| F 27 | 14 37 7 | 10°38'40 | 2♌26 | 25°41 | 25°30 | 9°58 | 24°47 | 26°32 | 8°41 | 23°13 | 4° 8 | 18° 0 | 19°42 | 21°30 | 26°22 | |
| S 28 | 14 41 3 | 11°36'19 | 15° 2 | 27°35 | 26°32 | 9°37 | 24°59 | 26°38 | 8°44 | 23°12 | 4° 9 | 18° 1 | 19°39 | 21°36 | 26°26 | |
| S 29 | 14 45 0 | 12°33'58 | 27°54 | 29°32 | 27°33 | 9°16 | 25°11 | 26°44 | 8°48 | 23°12 | 4°10 | 18° 3 | 19°36 | 21°43 | 26°30 | |
| M30 | 14 48 56 | 13°31'35 | 11♌ 8 | 1♌30 | 28°D34 | 8♌55 | 25°X23 | 26°X50 | 8♌51 | 23♌12 | 4°V12 | 18°R 3 | 19°D33 | 21°D50 | 26°V34 | |

Delta T = 43m04s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 848

MAY 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|--------|------|--------|-------|-------|-------|---|---|
| T 1 | 14 52 53 | 14♌29'11 | 24♋45 | 3♉30 | 29♏35 | 8°R34 | 25♋35 | 26♋56 | 8♌55 | 23°R12 | 4♍13 | 18°R 3 | 19♏29 | 21♌57 | 26♍38 | | |
| W 2 | 14 56 49 | 15°26'47 | 8♋46 | 5°32 | 0♉35 | 8♏13 | 25°47 | 27° 2 | 8°58 | 23♌11 | 4°14 | 18♏1 | 19°26 | 22° 3 | 26°41 | | |
| T 3 | 15 0 46 | 16°24'21 | 23°12 | 7°36 | 1°35 | 7°52 | 25°58 | 27° 8 | 9° 2 | 23°11 | 4°15 | 17°58 | 19°23 | 22°10 | 26°45 | | |
| F 4 | 15 4 43 | 17°21'54 | 7♍58 | 9°42 | 2°34 | 7°32 | 26°10 | 27°14 | 9° 5 | 23°11 | 4°16 | 17°54 | 19°20 | 22°17 | 26°49 | | |
| S 5 | 15 8 39 | 18°19'27 | 22°59 | 11°49 | 3°33 | 7°11 | 26°21 | 27°19 | 9° 9 | 23°10 | 4°17 | 17°50 | 19°17 | 22°23 | 26°53 | | |
| S 6 | 15 12 36 | 19°16'58 | 8♌ 6 | 13°57 | 4°32 | 6°51 | 26°33 | 27°25 | 9°12 | 23°10 | 4°18 | 17°46 | 19°14 | 22°30 | 26°56 | | |
| M 7 | 15 16 32 | 20°14'29 | 23°10 | 16° 7 | 5°30 | 6°31 | 26°44 | 27°30 | 9°16 | 23° 9 | 4°19 | 17°43 | 19°10 | 22°37 | 27° 0 | | |
| T 8 | 15 20 29 | 21°11'58 | 8♏1 | 18°17 | 6°28 | 6°11 | 26°55 | 27°36 | 9°19 | 23° 9 | 4°20 | 17°42 | 19° 7 | 22°44 | 27° 4 | | |
| W 9 | 15 24 25 | 22° 9'26 | 22°33 | 20°28 | 7°25 | 5°52 | 27° 7 | 27°41 | 9°22 | 23° 8 | 4°21 | 17°D42 | 19° 4 | 22°50 | 27° 7 | | |
| T 10 | 15 28 22 | 23° 6'53 | 6♌40 | 22°40 | 8°22 | 5°33 | 27°18 | 27°47 | 9°26 | 23° 8 | 4°22 | 17°43 | 19° 1 | 22°57 | 27°11 | | |
| F 11 | 15 32 18 | 24° 4'19 | 20°20 | 24°52 | 9°19 | 5°15 | 27°29 | 27°52 | 9°29 | 23° 7 | 4°23 | 17°44 | 18°58 | 23° 4 | 27°15 | | |
| S 12 | 15 36 15 | 25° 1'43 | 3♏34 | 27° 4 | 10°15 | 4°57 | 27°39 | 27°57 | 9°33 | 23° 6 | 4°24 | 17°45 | 18°54 | 23°10 | 27°18 | | |
| S 13 | 15 40 12 | 25°59'07 | 16°25 | 29°15 | 11°10 | 4°40 | 27°50 | 28° 2 | 9°36 | 23° 6 | 4°25 | 17°46 | 18°51 | 23°17 | 27°22 | | |
| M14 | 15 44 8 | 26°56'29 | 28°56 | 1♏26 | 12° 5 | 4°24 | 28° 1 | 28° 7 | 9°39 | 23° 5 | 4°26 | 17°R47 | 18°48 | 23°24 | 27°25 | | |
| T 15 | 15 48 5 | 27°53'49 | 11♏10 | 3°36 | 13° 0 | 4° 8 | 28°11 | 28°12 | 9°43 | 23° 4 | 4°27 | 17°46 | 18°45 | 23°30 | 27°29 | | |
| W16 | 15 52 1 | 28°51'09 | 23°13 | 5°45 | 13°54 | 3°52 | 28°22 | 28°17 | 9°46 | 23° 3 | 4°28 | 17°45 | 18°42 | 23°37 | 27°32 | | |
| T 17 | 15 55 58 | 29°48'28 | 5♌ 8 | 7°53 | 14°47 | 3°38 | 28°32 | 28°22 | 9°49 | 23° 3 | 4°29 | 17°43 | 18°39 | 23°44 | 27°36 | | |
| F 18 | 15 59 54 | 0♏45'45 | 16°59 | 9°59 | 15°39 | 3°24 | 28°42 | 28°27 | 9°53 | 23° 2 | 4°30 | 17°40 | 18°35 | 23°51 | 27°39 | | |
| S 19 | 16 3 51 | 1°43'02 | 28°51 | 12° 4 | 16°32 | 3°10 | 28°52 | 28°32 | 9°56 | 23° 1 | 4°31 | 17°37 | 18°32 | 23°57 | 27°42 | | |
| S 20 | 16 7 47 | 2°40'18 | 10♏44 | 14° 6 | 17°23 | 2°58 | 29° 2 | 28°36 | 9°59 | 23° 0 | 4°32 | 17°35 | 18°29 | 24° 4 | 27°46 | | |
| M21 | 16 11 44 | 3°37'33 | 22°43 | 16° 7 | 18°14 | 2°46 | 29°12 | 28°41 | 10° 3 | 22°59 | 4°33 | 17°34 | 18°26 | 24°11 | 27°49 | | |
| T 22 | 16 15 41 | 4°34'47 | 4♌49 | 18° 5 | 19° 4 | 2°35 | 29°22 | 28°46 | 10° 6 | 22°58 | 4°33 | 17°33 | 18°23 | 24°17 | 27°53 | | |
| W23 | 16 19 37 | 5°32'01 | 17° 3 | 20° 2 | 19°53 | 2°25 | 29°32 | 28°50 | 10° 9 | 22°57 | 4°34 | 17°D32 | 18°20 | 24°24 | 27°56 | | |
| T 24 | 16 23 34 | 6°29'14 | 29°28 | 21°56 | 20°42 | 2°15 | 29°41 | 28°54 | 10°12 | 22°56 | 4°35 | 17°32 | 18°16 | 24°31 | 27°59 | | |
| F 25 | 16 27 30 | 7°26'27 | 12♌ 5 | 23°48 | 21°29 | 2° 7 | 29°51 | 28°59 | 10°16 | 22°55 | 4°36 | 17°33 | 18°13 | 24°37 | 28° 2 | | |
| S 26 | 16 31 27 | 8°23'39 | 24°55 | 25°37 | 22°16 | 1°59 | 0♍ 0 | 29° 3 | 10°19 | 22°54 | 4°36 | 17°34 | 18°10 | 24°44 | 28° 6 | | |
| S 27 | 16 35 23 | 9°20'51 | 8♌ 0 | 27°25 | 23° 3 | 1°52 | 0° 9 | 29° 7 | 10°22 | 22°53 | 4°37 | 17°35 | 18° 7 | 24°51 | 28° 9 | | |
| M28 | 16 39 20 | 10°18'03 | 21°22 | 29°10 | 23°48 | 1°45 | 0°18 | 29°11 | 10°25 | 22°52 | 4°38 | 17°35 | 18° 4 | 24°57 | 28°12 | | |
| T 29 | 16 43 17 | 11°15'14 | 5♋ 1 | 0♉52 | 24°32 | 1°40 | 0°27 | 29°15 | 10°28 | 22°51 | 4°39 | 17°36 | 18° 0 | 25° 4 | 28°15 | | |
| W30 | 16 47 13 | 12°12'26 | 18°57 | 2°33 | 25°16 | 1°35 | 0°36 | 29°19 | 10°31 | 22°50 | 4°39 | 17°R36 | 17°57 | 25°11 | 28°18 | | |
| T 31 | 16 51 10 | 13♏ 9'37 | 3♍10 | 4♉10 | 25♉58 | 1♏32 | 0♍45 | 29♋22 | 10♌34 | 22♌49 | 4♍40 | 17♏35 | 17♏54 | 25♌18 | 28♍21 | | |

Delta T = 43m03s Julian Calendar 1 May 848 == Greg. Calendar 5 May 848

JUNE 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|----------|-------|-------|-------|-------|------|-------|-------|--------|------|--------|-------|-------|-------|---|---|
| F 1 | 16 55 6 | 14♏ 6'48 | 17♍38 | 5♉46 | 26♉40 | 1°R29 | 0♍53 | 29♋26 | 10♌37 | 22°R48 | 4♍40 | 17°R35 | 17♏51 | 25♌24 | 28♍24 | | |
| S 2 | 16 59 3 | 15° 3'59 | 2♌17 | 7°19 | 27°20 | 1♏27 | 1° 2 | 29°30 | 10°40 | 22♌47 | 4°41 | 17♏35 | 17°48 | 25°31 | 28°27 | | |
| S 3 | 17 2 59 | 16° 1'10 | 17° 2 | 8°49 | 28° 0 | 1°25 | 1°10 | 29°33 | 10°43 | 22°45 | 4°42 | 17°35 | 17°45 | 25°38 | 28°30 | | |
| M 4 | 17 6 56 | 16°58'21 | 1♏46 | 10°18 | 28°38 | 1°D25 | 1°18 | 29°37 | 10°46 | 22°44 | 4°42 | 17°35 | 17°41 | 25°44 | 28°33 | | |
| T 5 | 17 10 52 | 17°55'32 | 16°22 | 11°43 | 29°15 | 1°25 | 1°26 | 29°40 | 10°49 | 22°43 | 4°43 | 17°35 | 17°38 | 25°51 | 28°36 | | |
| W 6 | 17 14 49 | 18°52'43 | 0♉43 | 13° 7 | 29°51 | 1°27 | 1°34 | 29°43 | 10°52 | 22°42 | 4°43 | 17°35 | 17°35 | 25°58 | 28°39 | | |
| T 7 | 17 18 46 | 19°49'54 | 14°46 | 14°27 | 0♏26 | 1°29 | 1°42 | 29°46 | 10°55 | 22°40 | 4°44 | 17°34 | 17°32 | 26° 4 | 28°41 | | |
| F 8 | 17 22 42 | 20°47'04 | 28°27 | 15°45 | 1° 0 | 1°32 | 1°49 | 29°49 | 10°58 | 22°39 | 4°44 | 17°34 | 17°29 | 26°11 | 28°44 | | |
| S 9 | 17 26 39 | 21°44'14 | 11♏43 | 17° 1 | 1°32 | 1°35 | 1°57 | 29°52 | 11° 1 | 22°38 | 4°45 | 17°34 | 17°26 | 26°18 | 28°47 | | |
| S 10 | 17 30 35 | 22°41'24 | 24°38 | 18°13 | 2° 3 | 1°40 | 2° 4 | 29°55 | 11° 4 | 22°36 | 4°45 | 17°33 | 17°22 | 26°25 | 28°50 | | |
| M11 | 17 34 32 | 23°38'34 | 7♏11 | 19°23 | 2°32 | 1°45 | 2°11 | 29°58 | 11° 6 | 22°35 | 4°46 | 17°33 | 17°19 | 26°31 | 28°52 | | |
| T 12 | 17 38 28 | 24°35'43 | 19°28 | 20°31 | 3° 0 | 1°51 | 2°18 | 0♍ 1 | 11° 9 | 22°34 | 4°46 | 17°D32 | 17°16 | 26°38 | 28°55 | | |
| W13 | 17 42 25 | 25°32'52 | 1♌32 | 21°35 | 3°26 | 1°58 | 2°25 | 0° 3 | 11°12 | 22°32 | 4°46 | 17°32 | 17°13 | 26°45 | 28°57 | | |
| T 14 | 17 46 21 | 26°30'00 | 13°27 | 22°36 | 3°50 | 2° 6 | 2°32 | 0° 6 | 11°15 | 22°31 | 4°47 | 17°33 | 17°10 | 26°51 | 29° 0 | | |
| F 15 | 17 50 18 | 27°27'09 | 25°18 | 23°35 | 4°13 | 2°14 | 2°38 | 0° 8 | 11°17 | 22°29 | 4°47 | 17°34 | 17° 6 | 26°58 | 29° 2 | | |
| S 16 | 17 54 15 | 28°24'17 | 7♏10 | 24°30 | 4°34 | 2°23 | 2°44 | 0°11 | 11°20 | 22°28 | 4°47 | 17°35 | 17° 3 | 27° 5 | 29° 5 | | |
| S 17 | 17 58 11 | 29°21'26 | 19° 7 | 25°21 | 4°54 | 2°33 | 2°51 | 0°13 | 11°23 | 22°27 | 4°48 | 17°36 | 17° 0 | 27°11 | 29° 7 | | |
| M18 | 18 2 8 | 0♉18'35 | 1♌12 | 26°10 | 5°11 | 2°43 | 2°57 | 0°15 | 11°25 | 22°25 | 4°48 | 17°37 | 16°57 | 27°18 | 29° 9 | | |
| T 19 | 18 6 4 | 1°15'43 | 13°27 | 26°54 | 5°27 | 2°55 | 3° 3 | 0°17 | 11°28 | 22°24 | 4°48 | 17°R37 | 16°54 | 27°25 | 29°12 | | |
| W20 | 18 10 1 | 2°12'52 | 25°56 | 27°36 | 5°40 | 3° 6 | 3° 8 | 0°19 | 11°30 | 22°22 | 4°49 | 17°37 | 16°51 | 27°31 | 29°14 | | |
| T 21 | 18 13 57 | 3°10'02 | 8♌39 | 28°13 | 5°52 | 3°19 | 3°14 | 0°21 | 11°33 | 22°21 | 4°49 | 17°36 | 16°47 | 27°38 | 29°16 | | |
| F 22 | 18 17 54 | 4° 7'11 | 21°37 | 28°46 | 6° 1 | 3°32 | 3°19 | 0°22 | 11°35 | 22°19 | 4°49 | 17°35 | 16°44 | 27°45 | 29°18 | | |
| S 23 | 18 21 50 | 5° 4'21 | 4♌49 | 29°15 | 6° 8 | 3°46 | 3°24 | 0°24 | 11°37 | 22°18 | 4°49 | 17°32 | 16°41 | 27°52 | 29°20 | | |
| S 24 | 18 25 47 | 6° 1'32 | 18°15 | 29°40 | 6°13 | 4° 1 | 3°30 | 0°26 | 11°40 | 22°16 | 4°49 | 17°30 | 16°38 | 27°58 | 29°22 | | |
| M25 | 18 29 44 | 6°58'43 | 1♋54 | 0♏ 1 | 6°16 | 4°16 | 3°34 | 0°27 | 11°42 | 22°14 | 4°49 | 17°27 | 16°35 | 28° 5 | 29°24 | | |
| T 26 | 18 33 40 | 7°55'55 | 15°45 | 0°17 | 6°R17 | 4°32 | 3°39 | 0°28 | 11°44 | 22°13 | 4°50 | 17°26 | 16°32 | 28°12 | 29°26 | | |
| W27 | 18 37 37 | 8°53'07 | 29°46 | 0°28 | 6°15 | 4°48 | 3°44 | 0°29 | 11°47 | 22°11 | 4°50 | 17°24 | 16°28 | 28°18 | 29°28 | | |
| T 28 | 18 41 33 | 9°50'21 | 13♍54 | 0°35 | 6°11 | 5° 5 | 3°48 | 0°31 | 11°49 | 22°10 | 4°50 | 17°D24 | 16°25 | 28°25 | 29°30 | | |
| F 29 | 18 45 30 | 10°47'35 | 28° 9 | 0°R37 | 6° 4 | 5°23 | 3°52 | 0°32 | 11°51 | 22° 8 | 4°50 | 17°25 | 16°22 | 28°32 | 29°32 | | |
| S 30 | 18 49 26 | 11♉44'50 | 12♌28 | 0♏33 | 5♏55 | 5♏41 | 3♍56 | 0♍33 | 11♌53 | 22♌ 7 | 4♍50 | 17♏26 | 16♏19 | 28♌38 | 29♍34 | | |

Delta T = 43m03s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 848

JULY 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---|---|---|---|---|---|---|---|
| S 1 | 18 53 23 | 12 ^h 42'07 | 26 ^h 47 | 0°R25 | 5°R44 | 5 ^h 59 | 4 ^h 0 | 0 ^h 33 | 11 ^h 55 | 22°R 5 | 4°R50 | 17 ^h 27 | 16 ^h 16 | 28 ^h 45 | 29 ^h 35 | | | | | | | | |
| M 2 | 18 57 19 | 13°39'24 | 11 ^h 5 | 0 ^h 12 | 5 ^h 31 | 6°19 | 4° 4 | 0°34 | 11°57 | 22 ^h 3 | 4 ^h 50 | 17°R28 | 16°12 | 28°52 | 29°37 | | | | | | | | |
| T 3 | 19 1 16 | 14°36'42 | 25°16 | 29 ^h 54 | 5°15 | 6°39 | 4° 7 | 0°35 | 11°59 | 22° 2 | 4°50 | 17°28 | 16° 9 | 28°58 | 29°38 | | | | | | | | |
| W 4 | 19 5 13 | 15°34'01 | 9 ^h 17 | 29°31 | 4°57 | 6°59 | 4°10 | 0°35 | 12° 1 | 22° 0 | 4°50 | 17°27 | 16° 6 | 29° 5 | 29°40 | | | | | | | | |
| T 5 | 19 9 9 | 16°31'21 | 23° 4 | 29° 4 | 4°36 | 7°20 | 4°14 | 0°36 | 12° 3 | 21°59 | 4°50 | 17°24 | 16° 3 | 29°12 | 29°41 | | | | | | | | |
| F 6 | 19 13 6 | 17°28'41 | 6 ^h 35 | 28°33 | 4°14 | 7°41 | 4°16 | 0°36 | 12° 5 | 21°57 | 4°49 | 17°20 | 16° 0 | 29°18 | 29°43 | | | | | | | | |
| S 7 | 19 17 2 | 18°26'02 | 19°46 | 27°58 | 3°49 | 8° 3 | 4°19 | 0°36 | 12° 7 | 21°55 | 4°49 | 17°15 | 15°57 | 29°25 | 29°44 | | | | | | | | |
| S 8 | 19 20 59 | 19°23'24 | 2 ^h 38 | 27°19 | 3°22 | 8°26 | 4°22 | 0°R36 | 12° 9 | 21°54 | 4°49 | 17°10 | 15°53 | 29°32 | 29°46 | | | | | | | | |
| M 9 | 19 24 55 | 20°20'46 | 15°11 | 26°38 | 2°53 | 8°49 | 4°24 | 0°36 | 12°11 | 21°52 | 4°49 | 17° 6 | 15°50 | 29°39 | 29°47 | | | | | | | | |
| T 10 | 19 28 52 | 21°18'09 | 27°28 | 25°54 | 2°23 | 9°12 | 4°26 | 0°36 | 12°12 | 21°50 | 4°49 | 17° 2 | 15°47 | 29°45 | 29°48 | | | | | | | | |
| W11 | 19 32 48 | 22°15'33 | 9 ^h 31 | 25° 9 | 1°51 | 9°36 | 4°28 | 0°36 | 12°14 | 21°49 | 4°49 | 17° 0 | 15°44 | 29°52 | 29°49 | | | | | | | | |
| T 12 | 19 36 45 | 23°12'58 | 21°27 | 24°23 | 1°18 | 10° 0 | 4°30 | 0°35 | 12°16 | 21°47 | 4°48 | 16°D59 | 15°41 | 29°59 | 29°50 | | | | | | | | |
| F 13 | 19 40 42 | 24°10'23 | 3 ^h 18 | 23°37 | 0°43 | 10°25 | 4°31 | 0°35 | 12°17 | 21°46 | 4°48 | 16°59 | 15°38 | 0 ^h 5 | 29°51 | | | | | | | | |
| S 14 | 19 44 38 | 25° 7'49 | 15°10 | 22°53 | 0° 8 | 10°50 | 4°33 | 0°35 | 12°19 | 21°44 | 4°48 | 17° 0 | 15°34 | 0°12 | 29°52 | | | | | | | | |
| S 15 | 19 48 35 | 26° 5'16 | 27° 8 | 22°10 | 29 ^h 31 | 11°16 | 4°34 | 0°34 | 12°20 | 21°42 | 4°48 | 17° 2 | 15°31 | 0°19 | 29°53 | | | | | | | | |
| M16 | 19 52 31 | 27° 2'44 | 9 ^h 17 | 21°30 | 28°55 | 11°42 | 4°35 | 0°33 | 12°22 | 21°41 | 4°47 | 17° 3 | 15°28 | 0°25 | 29°54 | | | | | | | | |
| T 17 | 19 56 28 | 28° 0'13 | 21°40 | 20°53 | 28°17 | 12° 9 | 4°36 | 0°32 | 12°23 | 21°39 | 4°47 | 17°R 3 | 15°25 | 0°32 | 29°55 | | | | | | | | |
| W18 | 20 0 24 | 28°57'42 | 4 ^h 21 | 20°20 | 27°40 | 12°35 | 4°36 | 0°31 | 12°24 | 21°37 | 4°47 | 17° 2 | 15°22 | 0°39 | 29°56 | | | | | | | | |
| T 19 | 20 4 21 | 29°55'13 | 17°21 | 19°53 | 27° 3 | 13° 3 | 4°37 | 0°30 | 12°26 | 21°36 | 4°46 | 16°59 | 15°18 | 0°45 | 29°57 | | | | | | | | |
| F 20 | 20 8 18 | 0 ^h 52'45 | 0 ^h 41 | 19°30 | 26°26 | 13°30 | 4°R37 | 0°29 | 12°27 | 21°34 | 4°46 | 16°53 | 15°15 | 0°52 | 29°57 | | | | | | | | |
| S 21 | 20 12 14 | 1°50'18 | 14°18 | 19°14 | 25°50 | 13°59 | 4°37 | 0°28 | 12°28 | 21°33 | 4°45 | 16°47 | 15°12 | 0°59 | 29°58 | | | | | | | | |
| S 22 | 20 16 11 | 2°47'53 | 28°11 | 19° 5 | 25°15 | 14°27 | 4°37 | 0°27 | 12°29 | 21°31 | 4°45 | 16°40 | 15° 9 | 1° 5 | 29°58 | | | | | | | | |
| M23 | 20 20 7 | 3°45'28 | 12 ^h 16 | 19°D 2 | 24°40 | 14°56 | 4°36 | 0°25 | 12°31 | 21°29 | 4°45 | 16°32 | 15° 6 | 1°12 | 29°59 | | | | | | | | |
| T 24 | 20 24 4 | 4°43'06 | 26°28 | 19° 6 | 24° 7 | 15°25 | 4°36 | 0°24 | 12°32 | 21°28 | 4°44 | 16°26 | 15° 3 | 1°19 | 29°59 | | | | | | | | |
| W25 | 20 28 0 | 5°40'44 | 10 ^h 42 | 19°18 | 23°36 | 15°54 | 4°35 | 0°22 | 12°33 | 21°26 | 4°44 | 16°22 | 14°59 | 1°25 | 0 ^h 0 | | | | | | | | |
| T 26 | 20 31 57 | 6°38'25 | 24°57 | 19°36 | 23° 6 | 16°24 | 4°34 | 0°20 | 12°34 | 21°25 | 4°43 | 16°19 | 14°56 | 1°32 | 0° 0 | | | | | | | | |
| F 27 | 20 35 53 | 7°36'07 | 9 ^h 8 | 20° 3 | 22°38 | 16°54 | 4°33 | 0°18 | 12°35 | 21°23 | 4°42 | 16°D19 | 14°53 | 1°39 | 0° 0 | | | | | | | | |
| S 28 | 20 39 50 | 8°33'51 | 23°14 | 20°36 | 22°12 | 17°25 | 4°31 | 0°17 | 12°35 | 21°22 | 4°42 | 16°19 | 14°50 | 1°46 | 0° 0 | | | | | | | | |
| S 29 | 20 43 46 | 9°31'37 | 7 ^h 15 | 21°17 | 21°48 | 17°56 | 4°30 | 0°14 | 12°36 | 21°20 | 4°41 | 16°20 | 14°47 | 1°52 | 0° 1 | | | | | | | | |
| M30 | 20 47 43 | 10°29'25 | 21° 8 | 22° 5 | 21°27 | 18°27 | 4°28 | 0°12 | 12°37 | 21°19 | 4°41 | 16°R20 | 14°44 | 1°59 | 0° 1 | | | | | | | | |
| T 31 | 20 51 40 | 11 ^h 27'14 | 4 ^h 54 | 23 ^h 0 | 21 ^h 7 | 18 ^h 58 | 4 ^h 26 | 0 ^h 10 | 12 ^h 38 | 21 ^h 17 | 4 ^h 40 | 16 ^h 19 | 14 ^h 40 | 2 ^h 6 | 0°R 1 | | | | | | | | |

Delta T = 43m02s

Julian Calendar 1 July 848 == Greg. Calendar 5 July 848

AUGUST 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------------------|--------------------|-------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|-------------------|--------------------|---|---|---|---|---|---|---|---|
| W 1 | 20 55 36 | 12 ^h 25'05 | 18 ^h 30 | 24 ^h 2 | 20°R50 | 19 ^h 30 | 4°R24 | 0°R 8 | 12 ^h 39 | 21°R16 | 4°R40 | 16°R15 | 14 ^h 37 | 2 ^h 12 | 0°R 1 | | | | | | | | |
| T 2 | 20 59 33 | 13°22'58 | 1 ^h 55 | 25°10 | 20 ^h 35 | 20° 2 | 4 ^h 21 | 0 ^h 5 | 12°39 | 21 ^h 14 | 4 ^h 39 | 16 ^h 9 | 14°34 | 2°19 | 0 ^h 1 | | | | | | | | |
| F 3 | 21 3 29 | 14°20'52 | 15° 7 | 26°24 | 20°22 | 20°35 | 4°19 | 0° 3 | 12°40 | 21°13 | 4°38 | 16° 0 | 14°31 | 2°26 | 0° 0 | | | | | | | | |
| S 4 | 21 7 26 | 15°18'48 | 28° 5 | 27°44 | 20°12 | 21° 7 | 4°16 | 0° 0 | 12°40 | 21°11 | 4°38 | 15°50 | 14°28 | 2°32 | 0° 0 | | | | | | | | |
| S 5 | 21 11 22 | 16°16'45 | 10 ^h 47 | 29°10 | 20° 5 | 21°40 | 4°13 | 29 ^h 58 | 12°41 | 21°10 | 4°37 | 15°39 | 14°24 | 2°39 | 0° 0 | | | | | | | | |
| M 6 | 21 15 19 | 17°14'44 | 23°14 | 0 ^h 41 | 19°59 | 22°14 | 4°10 | 29°55 | 12°41 | 21° 8 | 4°36 | 15°29 | 14°21 | 2°46 | 0° 0 | | | | | | | | |
| T 7 | 21 19 16 | 18°12'44 | 5 ^h 27 | 2°16 | 19°56 | 22°47 | 4° 7 | 29°52 | 12°42 | 21° 7 | 4°35 | 15°20 | 14°18 | 2°52 | 29 ^h 59 | | | | | | | | |
| W 8 | 21 23 12 | 19°10'46 | 17°29 | 3°55 | 19°D56 | 23°21 | 4° 3 | 29°49 | 12°42 | 21° 6 | 4°35 | 15°13 | 14°15 | 2°59 | 29°59 | | | | | | | | |
| T 9 | 21 27 9 | 20° 8'49 | 29°22 | 5°37 | 19°57 | 23°55 | 3°59 | 29°46 | 12°42 | 21° 4 | 4°34 | 15° 9 | 14°12 | 3° 6 | 29°58 | | | | | | | | |
| F 10 | 21 31 5 | 21° 6'53 | 11 ^h 12 | 7°23 | 20° 1 | 24°29 | 3°55 | 29°43 | 12°42 | 21° 3 | 4°33 | 15° 6 | 14° 9 | 3°12 | 29°58 | | | | | | | | |
| S 11 | 21 35 2 | 22° 5'00 | 23° 3 | 9°11 | 20° 7 | 25° 4 | 3°51 | 29°40 | 12°43 | 21° 1 | 4°32 | 15°D 6 | 14° 5 | 3°19 | 29°57 | | | | | | | | |
| S 12 | 21 38 58 | 23° 3'07 | 5 ^h 0 | 11° 2 | 20°16 | 25°39 | 3°47 | 29°37 | 12°43 | 21° 0 | 4°32 | 15° 6 | 14° 2 | 3°26 | 29°56 | | | | | | | | |
| M13 | 21 42 55 | 24° 1'17 | 17° 9 | 12°54 | 20°26 | 26°14 | 3°43 | 29°33 | 12°43 | 20°59 | 4°31 | 15°R 7 | 13°59 | 3°32 | 29°56 | | | | | | | | |
| T 14 | 21 46 51 | 24°59'27 | 29°35 | 14°48 | 20°39 | 26°49 | 3°38 | 29°30 | 12°R43 | 20°58 | 4°30 | 15° 6 | 13°56 | 3°39 | 29°55 | | | | | | | | |
| W15 | 21 50 48 | 25°57'40 | 12 ^h 32 | 16°42 | 20°54 | 27°25 | 3°33 | 29°27 | 12°43 | 20°56 | 4°29 | 15° 3 | 13°53 | 3°46 | 29°54 | | | | | | | | |
| T 16 | 21 54 45 | 26°55'54 | 25°32 | 18°38 | 21°10 | 28° 1 | 3°28 | 29°23 | 12°43 | 20°55 | 4°28 | 14°57 | 13°50 | 3°52 | 29°53 | | | | | | | | |
| F 17 | 21 58 41 | 27°54'10 | 9 ^h 8 | 20°33 | 21°29 | 28°37 | 3°23 | 29°19 | 12°43 | 20°54 | 4°27 | 14°49 | 13°46 | 3°59 | 29°52 | | | | | | | | |
| S 18 | 22 2 38 | 28°52'27 | 23° 7 | 22°29 | 21°49 | 29°13 | 3°18 | 29°16 | 12°42 | 20°53 | 4°26 | 14°39 | 13°43 | 4° 6 | 29°51 | | | | | | | | |
| S 19 | 22 6 34 | 29°50'46 | 7 ^h 25 | 24°24 | 22°11 | 29°50 | 3°12 | 29°12 | 12°42 | 20°51 | 4°25 | 14°28 | 13°40 | 4°12 | 29°50 | | | | | | | | |
| M20 | 22 10 31 | 0 ^h 49'07 | 21°57 | 26°19 | 22°35 | 0 ^h 26 | 3° 7 | 29° 8 | 12°42 | 20°50 | 4°25 | 14°17 | 13°37 | 4°19 | 29°49 | | | | | | | | |
| T 21 | 22 14 27 | 1°47'30 | 6 ^h 36 | 28°14 | 23° 1 | 1° 3 | 3° 1 | 29° 4 | 12°42 | 20°49 | 4°24 | 14° 8 | 13°34 | 4°26 | 29°48 | | | | | | | | |
| W22 | 22 18 24 | 2°45'56 | 21°13 | 0 ^h 8 | 23°28 | 1°40 | 2°55 | 29° 0 | 12°41 | 20°48 | 4°23 | 14° 0 | 13°30 | 4°33 | 29°47 | | | | | | | | |
| T 23 | 22 22 20 | 3°44'23 | 5 ^h 43 | 2° 1 | 23°57 | 2°17 | 2°49 | 28°56 | 12°41 | 20°47 | 4°22 | 13°55 | 13°27 | 4°39 | 29°45 | | | | | | | | |
| F 24 | 22 26 17 | 4°42'53 | 20° 2 | 3°54 | 24°28 | 2°55 | 2°43 | 28°52 | 12°40 | 20°46 | 4°21 | 13°53 | 13°24 | 4°46 | 29°44 | | | | | | | | |
| S 25 | 22 30 13 | 5°41'25 | 4 ^h 11 | 5°45 | 25° 0 | 3°33 | 2°37 | 28°48 | 12°40 | 20°45 | 4°20 | 13°53 | 13°21 | 4°53 | 29°43 | | | | | | | | |
| S 26 | 22 34 10 | 6°39'59 | 17°59 | 7°36 | 25°33 | 4°10 | 2°30 | 28°44 | 12°39 | 20°44 | 4°19 | 13°53 | 13°18 | 4°59 | 29°41 | | | | | | | | |

SWISS EPHEMERIS for the year 848

SEPTEMBER 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|----------|-------|-------|-------|-------|--------|--------|--------|--------|-------|--------|--------|------|--------|---|---|
| S 1 | 22 57 49 | 12♎32'12 | 6♍51 | 18♎20 | 29♄20 | 8♃2 | 1°R49 | 28°R18 | 12°R35 | 20°R38 | 4°R13 | 13°R11 | 12II59 | 5♍39 | 29°R31 | | |
| S 2 | 23 1 46 | 13°31'02 | 19°20 | 20° 4 | 0♄ 1 | 8°41 | 1°V42 | 28°R14 | 12°R34 | 20°R37 | 4°V12 | 12II57 | 12°55 | 5°46 | 29°V29 | | |
| M 3 | 23 5 42 | 14°29'53 | 1♄37 | 21°47 | 0°44 | 9°20 | 1°34 | 28° 9 | 12°33 | 20°37 | 4°10 | 12°44 | 12°52 | 5°53 | 29°28 | | |
| T 4 | 23 9 39 | 15°28'47 | 13°43 | 23°29 | 1°28 | 9°59 | 1°27 | 28° 4 | 12°32 | 20°36 | 4° 9 | 12°32 | 12°49 | 5°59 | 29°26 | | |
| W 5 | 23 13 36 | 16°27'42 | 25°40 | 25°10 | 2°13 | 10°39 | 1°19 | 28° 0 | 12°31 | 20°35 | 4° 8 | 12°22 | 12°46 | 6° 6 | 29°24 | | |
| T 6 | 23 17 32 | 17°26'40 | 7♍30 | 26°50 | 2°59 | 11°19 | 1°12 | 27°55 | 12°30 | 20°34 | 4° 7 | 12°15 | 12°43 | 6°13 | 29°22 | | |
| F 7 | 23 21 29 | 18°25'39 | 19°17 | 28°29 | 3°46 | 11°59 | 1° 4 | 27°51 | 12°29 | 20°34 | 4° 6 | 12°11 | 12°40 | 6°19 | 29°20 | | |
| S 8 | 23 25 25 | 19°24'40 | 1♃6 | 0♄ 8 | 4°33 | 12°39 | 0°56 | 27°46 | 12°27 | 20°33 | 4° 5 | 12° 9 | 12°36 | 6°26 | 29°18 | | |
| S 9 | 23 29 22 | 20°23'43 | 13° 1 | 1°45 | 5°22 | 13°19 | 0°48 | 27°41 | 12°26 | 20°32 | 4° 4 | 12°D 9 | 12°33 | 6°33 | 29°16 | | |
| M10 | 23 33 18 | 21°22'48 | 25° 7 | 3°22 | 6°11 | 14° 0 | 0°41 | 27°37 | 12°25 | 20°32 | 4° 3 | 12°R 9 | 12°30 | 6°39 | 29°13 | | |
| T 11 | 23 37 15 | 22°21'55 | 7♄31 | 4°58 | 7° 1 | 14°40 | 0°33 | 27°32 | 12°24 | 20°31 | 4° 2 | 12° 8 | 12°27 | 6°46 | 29°11 | | |
| W12 | 23 41 11 | 23°21'04 | 20°16 | 6°33 | 7°51 | 15°21 | 0°25 | 27°27 | 12°22 | 20°31 | 4° 0 | 12° 6 | 12°24 | 6°53 | 29° 9 | | |
| T 13 | 23 45 8 | 24°20'14 | 3♄28 | 8° 7 | 8°43 | 16° 2 | 0°17 | 27°22 | 12°21 | 20°30 | 3°59 | 12° 1 | 12°21 | 6°59 | 29° 7 | | |
| F 14 | 23 49 5 | 25°19'26 | 17° 9 | 9°40 | 9°35 | 16°42 | 0° 9 | 27°18 | 12°19 | 20°30 | 3°58 | 11°53 | 12°17 | 7° 6 | 29° 4 | | |
| S 15 | 23 53 1 | 26°18'41 | 1♃18 | 11°12 | 10°28 | 17°23 | 0° 1 | 27°13 | 12°18 | 20°29 | 3°57 | 11°44 | 12°14 | 7°13 | 29° 2 | | |
| S 16 | 23 56 58 | 27°17'57 | 15°52 | 12°44 | 11°21 | 18° 5 | 29°K53 | 27° 8 | 12°16 | 20°29 | 3°56 | 11°33 | 12°11 | 7°19 | 29° 0 | | |
| M17 | 0 0 54 | 28°17'15 | 0°V44 | 14°15 | 12°16 | 18°46 | 29°44 | 27° 4 | 12°15 | 20°28 | 3°55 | 11°22 | 12° 8 | 7°26 | 28°57 | | |
| T 18 | 0 4 51 | 29°16'35 | 15°45 | 15°45 | 13°10 | 19°27 | 29°36 | 26°59 | 12°13 | 20°28 | 3°54 | 11°12 | 12° 5 | 7°33 | 28°55 | | |
| W19 | 0 8 47 | 0♄15'57 | 0♃46 | 17°15 | 14° 6 | 20° 9 | 29°28 | 26°54 | 12°12 | 20°28 | 3°52 | 11° 4 | 12° 1 | 7°39 | 28°52 | | |
| T 20 | 0 12 44 | 1°15'22 | 15°38 | 18°44 | 15° 2 | 20°51 | 29°20 | 26°49 | 12°10 | 20°28 | 3°51 | 11° 0 | 11°58 | 7°46 | 28°50 | | |
| F 21 | 0 16 40 | 2°14'49 | 0II15 | 20°11 | 15°58 | 21°32 | 29°12 | 26°45 | 12° 8 | 20°27 | 3°50 | 10°57 | 11°55 | 7°53 | 28°47 | | |
| S 22 | 0 20 37 | 3°14'19 | 14°31 | 21°39 | 16°55 | 22°14 | 29° 4 | 26°40 | 12° 6 | 20°27 | 3°49 | 10°D57 | 11°52 | 7°59 | 28°44 | | |
| S 23 | 0 24 34 | 4°13'51 | 28°27 | 23° 5 | 17°53 | 22°56 | 28°56 | 26°35 | 12° 5 | 20°27 | 3°48 | 10°R57 | 11°49 | 8° 6 | 28°42 | | |
| M24 | 0 28 30 | 5°13'25 | 12♄ 2 | 24°30 | 18°51 | 23°38 | 28°48 | 26°31 | 12° 3 | 20°27 | 3°47 | 10°57 | 11°46 | 8°13 | 28°39 | | |
| T 25 | 0 32 27 | 6°13'02 | 25°19 | 25°55 | 19°50 | 24°21 | 28°40 | 26°26 | 12° 1 | 20°27 | 3°46 | 10°56 | 11°42 | 8°19 | 28°36 | | |
| W26 | 0 36 23 | 7°12'41 | 8♄19 | 27°19 | 20°49 | 25° 3 | 28°32 | 26°21 | 11°59 | 20°27 | 3°44 | 10°52 | 11°39 | 8°26 | 28°34 | | |
| T 27 | 0 40 20 | 8°12'22 | 21° 5 | 28°42 | 21°49 | 25°45 | 28°24 | 26°17 | 11°57 | 20°26 | 3°43 | 10°45 | 11°36 | 8°33 | 28°31 | | |
| F 28 | 0 44 16 | 9°12'06 | 3♎39 | 0♍ 3 | 22°49 | 26°28 | 28°16 | 26°12 | 11°55 | 20°D26 | 3°42 | 10°36 | 11°33 | 8°39 | 28°28 | | |
| S 29 | 0 48 13 | 10°11'51 | 16° 2 | 1°24 | 23°49 | 27°10 | 28° 9 | 26° 8 | 11°53 | 20°26 | 3°41 | 10°25 | 11°30 | 8°46 | 28°25 | | |
| S 30 | 0 52 9 | 11♄11'39 | 28♎16 | 2♍44 | 24♄50 | 27♃53 | 28♃ 1 | 26♃ 3 | 11♃51 | 20♃27 | 3°V40 | 10II13 | 11II27 | 8♍53 | 28°V22 | | |

Delta T = 43m01s Julian Calendar 1 Sept. 848 == Greg. Calendar 5 Sept. 848

OCTOBER 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|---------|----------|-------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|-------|--------|---|---|
| M 1 | 0 56 6 | 12♄11'29 | 10♄21 | 4♍ 3 | 25♄51 | 28♃36 | 27°R53 | 25°R59 | 11°R49 | 20°R27 | 3°R39 | 10°R 2 | 11II23 | 8♍59 | 28°R20 | | |
| T 2 | 1 0 2 | 13°11'21 | 22°19 | 5°20 | 26°53 | 29°19 | 27°K46 | 25°K54 | 11°R47 | 20°27 | 3°V37 | 9II52 | 11°20 | 9° 6 | 28°V17 | | |
| W 3 | 1 3 59 | 14°11'15 | 4♍11 | 6°37 | 27°55 | 0♄ 2 | 27°38 | 25°50 | 11°45 | 20°27 | 3°36 | 9°44 | 11°17 | 9°13 | 28°14 | | |
| T 4 | 1 7 56 | 15°11'10 | 15°59 | 7°51 | 28°57 | 0°45 | 27°31 | 25°45 | 11°43 | 20°27 | 3°35 | 9°38 | 11°14 | 9°19 | 28°11 | | |
| F 5 | 1 11 52 | 16°11'08 | 27°46 | 9° 5 | 0♎ 0 | 1°28 | 27°24 | 25°41 | 11°40 | 20°27 | 3°34 | 9°35 | 11°11 | 9°26 | 28° 8 | | |
| S 6 | 1 15 49 | 17°11'08 | 9♃34 | 10°16 | 1° 3 | 2°11 | 27°16 | 25°37 | 11°38 | 20°28 | 3°33 | 9°D34 | 11° 7 | 9°33 | 28° 5 | | |
| S 7 | 1 19 45 | 18°11'09 | 21°28 | 11°26 | 2° 7 | 2°55 | 27° 9 | 25°33 | 11°36 | 20°28 | 3°32 | 9°35 | 11° 4 | 9°39 | 28° 2 | | |
| M 8 | 1 23 42 | 19°11'12 | 3♄33 | 12°33 | 3°11 | 3°38 | 27° 2 | 25°29 | 11°34 | 20°28 | 3°31 | 9°36 | 11° 1 | 9°46 | 27°59 | | |
| T 9 | 1 27 38 | 20°11'17 | 15°54 | 13°38 | 4°15 | 4°22 | 26°56 | 25°24 | 11°31 | 20°29 | 3°30 | 9°R37 | 10°58 | 9°53 | 27°56 | | |
| W10 | 1 31 35 | 21°11'23 | 28°35 | 14°41 | 5°19 | 5° 5 | 26°49 | 25°20 | 11°29 | 20°29 | 3°29 | 9°37 | 10°55 | 9°59 | 27°53 | | |
| T 11 | 1 35 31 | 22°11'31 | 11♄41 | 15°41 | 6°24 | 5°49 | 26°42 | 25°16 | 11°27 | 20°29 | 3°27 | 9°35 | 10°52 | 10° 6 | 27°50 | | |
| F 12 | 1 39 28 | 23°11'41 | 25°15 | 16°37 | 7°29 | 6°33 | 26°36 | 25°13 | 11°25 | 20°30 | 3°26 | 9°31 | 10°48 | 10°13 | 27°47 | | |
| S 13 | 1 43 25 | 24°11'52 | 9♃20 | 17°31 | 8°34 | 7°16 | 26°30 | 25° 9 | 11°22 | 20°30 | 3°25 | 9°26 | 10°45 | 10°19 | 27°44 | | |
| S 14 | 1 47 21 | 25°12'04 | 23°53 | 18°20 | 9°40 | 8° 0 | 26°23 | 25° 5 | 11°20 | 20°31 | 3°24 | 9°19 | 10°42 | 10°26 | 27°41 | | |
| M15 | 1 51 18 | 26°12'19 | 8°V49 | 19° 4 | 10°45 | 8°44 | 26°17 | 25° 1 | 11°17 | 20°31 | 3°23 | 9°12 | 10°39 | 10°33 | 27°38 | | |
| T 16 | 1 55 14 | 27°12'35 | 24° 0 | 19°44 | 11°52 | 9°28 | 26°11 | 24°58 | 11°15 | 20°32 | 3°22 | 9° 6 | 10°36 | 10°39 | 27°35 | | |
| W17 | 1 59 11 | 28°12'52 | 9♄15 | 20°18 | 12°58 | 10°12 | 26° 6 | 24°54 | 11°13 | 20°33 | 3°21 | 9° 1 | 10°32 | 10°46 | 27°32 | | |
| T 18 | 2 3 7 | 29°13'12 | 24°26 | 20°46 | 14° 5 | 10°56 | 26° 0 | 24°51 | 11°10 | 20°33 | 3°20 | 8°58 | 10°29 | 10°53 | 27°29 | | |
| F 19 | 2 7 4 | 0♍13'34 | 9II21 | 21° 8 | 15°11 | 11°40 | 25°55 | 24°47 | 11° 8 | 20°34 | 3°19 | 8°D57 | 10°26 | 10°59 | 27°26 | | |
| S 20 | 2 11 0 | 1°13'57 | 23°55 | 21°22 | 16°18 | 12°25 | 25°50 | 24°44 | 11° 5 | 20°35 | 3°18 | 8°58 | 10°23 | 11° 6 | 27°23 | | |
| S 21 | 2 14 57 | 2°14'23 | 8♄ 4 | 21°R27 | 17°26 | 13° 9 | 25°45 | 24°41 | 11° 3 | 20°35 | 3°17 | 9° 0 | 10°20 | 11°13 | 27°20 | | |
| M22 | 2 18 54 | 3°14'51 | 21°48 | 21°24 | 18°33 | 13°53 | 25°40 | 24°37 | 11° 0 | 20°36 | 3°16 | 9° 1 | 10°17 | 11°19 | 27°17 | | |
| T 23 | 2 22 50 | 4°15'20 | 5♄ 7 | 21°11 | 19°41 | 14°38 | 25°35 | 24°34 | 10°58 | 20°37 | 3°15 | 9°R 1 | 10°13 | 11°26 | 27°14 | | |
| W24 | 2 26 47 | 5°15'51 | 18° 4 | 20°48 | 20°49 | 15°22 | 25°30 | 24°31 | 10°55 | 20°38 | 3°14 | 9° 1 | 10°10 | 11°33 | 27°11 | | |
| T 25 | 2 30 43 | 6°16'25 | 0♎43 | 20°15 | 21°57 | 16° 6 | 25°26 | 24°28 | 10°53 | 20°39 | 3°13 | 8°58 | 10° 7 | 11°39 | 27° 8 | | |
| F 26 | 2 34 40 | 7°17'00 | 13° 7 | 19°32 | 23° 6 | 16°51 | 25°22 | 24°26 | 10°50 | 20°40 | 3°12 | 8°54 | 10° 4 | 11°46 | 27° 5 | | |
| S 27 | 2 38 36 | 8°17'36 | 25°19 | 18°39 | 24°14 | 17°36 | 25°18 | 24°23 | 10°48 | 20°41 | 3°11 | 8°49 | 10° 1 | 11°53 | 27° 2 | | |
| S 28 | 2 42 33 | 9°18'15 | 7♄21 | 17°36 | 25°23 | 18°20 | 25°14 | 24°20 | 10°45 | 20°42 | 3°10 | 8°44 | 9°58 | 11°59 | 26°59 | | |
| M29 | 2 46 29 | 10°18'55 | 19°17 | 16°26 | 26°32 | 19° 5 | 25°10 | 24°18 | 10°43 | 20°43 | 3° 9 | 8°38 | 9°54 | 12° 6 | 26°57 | | |
| T 30 | 2 50 26 | 11°19'37 | 1♍ 8 | 15° 9 | 27°41 | 19°50 | 25° 7 | 24°15 | 10°40 | 20°44 | 3° 9 | 8°34 | 9°51 | 12°13 | 26°54 | | |
| W31 | 2 54 23 | 12♍20'20 | 12♍57 | 13♍48 | 28♎51 | 20♃34 | 25°K 4 | 24°K13 | 10°R38 | 20°R45 | 3°V 8 | 8II30 | 9II48 | 12♍19 | 26°V51 | | |

Delta T = 43m00s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 848

NOVEMBER 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|--------|--------|--------|-------|-------|-------|------|-------|--------|---|
| T 1 | 2 58 19 | 13♌21'05 | 24♍45 | 12°R27 | 0♌ 0 | 21♌19 | 25°R 1 | 24°R10 | 10°R35 | 20♌46 | 3°R 7 | 8°R28 | 9♍45 | 12♌26 | 26°R48 | |
| F 2 | 3 2 16 | 14°21'51 | 6♌34 | 11♌ 6 | 1°10 | 22° 4 | 24♌58 | 24♌ 8 | 10♌33 | 20°47 | 3°Y 6 | 8°D27 | 9°42 | 12°33 | 26°Y45 | |
| S 3 | 3 6 12 | 15°22'38 | 18°27 | 9°50 | 2°20 | 22°49 | 24°55 | 24° 6 | 10°30 | 20°48 | 3° 5 | 8♍27 | 9°38 | 12°39 | 26°42 | |
| S 4 | 3 10 9 | 16°23'27 | 0♌27 | 8°40 | 3°30 | 23°34 | 24°53 | 24° 4 | 10°28 | 20°49 | 3° 4 | 8°29 | 9°35 | 12°46 | 26°39 | |
| M 5 | 3 14 5 | 17°24'17 | 12°36 | 7°39 | 4°40 | 24°19 | 24°51 | 24° 2 | 10°25 | 20°51 | 3° 4 | 8°30 | 9°32 | 12°53 | 26°37 | |
| T 6 | 3 18 2 | 18°25'08 | 24°58 | 6°48 | 5°50 | 25° 4 | 24°49 | 24° 1 | 10°23 | 20°52 | 3° 3 | 8°32 | 9°29 | 12°59 | 26°34 | |
| W 7 | 3 21 58 | 19°25'59 | 7♌38 | 6° 8 | 7° 0 | 25°49 | 24°47 | 23°59 | 10°20 | 20°53 | 3° 2 | 8°33 | 9°26 | 13° 6 | 26°31 | |
| T 8 | 3 25 55 | 20°26'52 | 20°39 | 5°40 | 8°11 | 26°34 | 24°45 | 23°57 | 10°18 | 20°55 | 3° 1 | 8°R33 | 9°23 | 13°13 | 26°28 | |
| F 9 | 3 29 52 | 21°27'46 | 4♌ 4 | 5°23 | 9°22 | 27°19 | 24°44 | 23°56 | 10°15 | 20°56 | 3° 1 | 8°33 | 9°19 | 13°19 | 26°26 | |
| S 10 | 3 33 48 | 22°28'40 | 17°56 | 5°D17 | 10°32 | 28° 4 | 24°43 | 23°55 | 10°13 | 20°57 | 3° 0 | 8°32 | 9°16 | 13°26 | 26°23 | |
| S 11 | 3 37 45 | 23°29'35 | 2°Y14 | 5°22 | 11°43 | 28°49 | 24°42 | 23°53 | 10°11 | 20°59 | 2°59 | 8°30 | 9°13 | 13°33 | 26°21 | |
| M12 | 3 41 41 | 24°30'31 | 16°56 | 5°37 | 12°54 | 29°34 | 24°41 | 23°52 | 10° 8 | 21° 0 | 2°59 | 8°28 | 9°10 | 13°39 | 26°18 | |
| T 13 | 3 45 38 | 25°31'28 | 1♌57 | 6° 1 | 14° 6 | 0♌19 | 24°40 | 23°51 | 10° 6 | 21° 2 | 2°58 | 8°27 | 9° 7 | 13°46 | 26°15 | |
| W14 | 3 49 34 | 26°32'26 | 17° 9 | 6°33 | 15°17 | 1° 4 | 24°40 | 23°50 | 10° 3 | 21° 3 | 2°57 | 8°25 | 9° 4 | 13°53 | 26°13 | |
| T 15 | 3 53 31 | 27°33'24 | 2♍22 | 7°12 | 16°28 | 1°49 | 24°D40 | 23°49 | 10° 1 | 21° 5 | 2°57 | 8°D25 | 9° 0 | 13°59 | 26°10 | |
| F 16 | 3 57 27 | 28°34'24 | 17°27 | 7°58 | 17°40 | 2°35 | 24°40 | 23°49 | 9°59 | 21° 6 | 2°56 | 8°25 | 8°57 | 14° 6 | 26° 8 | |
| S 17 | 4 1 24 | 29°35'25 | 2♌14 | 8°49 | 18°51 | 3°20 | 24°40 | 23°48 | 9°56 | 21° 8 | 2°56 | 8°25 | 8°54 | 14°13 | 26° 6 | |
| S 18 | 4 5 21 | 0♌36'27 | 16°38 | 9°46 | 20° 3 | 4° 5 | 24°41 | 23°47 | 9°54 | 21° 9 | 2°55 | 8°26 | 8°51 | 14°19 | 26° 3 | |
| M19 | 4 9 17 | 1°37'30 | 0♌35 | 10°47 | 21°15 | 4°50 | 24°41 | 23°47 | 9°52 | 21°11 | 2°55 | 8°27 | 8°48 | 14°26 | 26° 1 | |
| T 20 | 4 13 14 | 2°38'34 | 14° 4 | 11°52 | 22°27 | 5°35 | 24°42 | 23°47 | 9°49 | 21°12 | 2°54 | 8°27 | 8°44 | 14°33 | 25°59 | |
| W21 | 4 17 10 | 3°39'39 | 27° 8 | 13° 0 | 23°39 | 6°21 | 24°43 | 23°47 | 9°47 | 21°14 | 2°54 | 8°28 | 8°41 | 14°39 | 25°56 | |
| T 22 | 4 21 7 | 4°40'45 | 9♍48 | 14°11 | 24°51 | 7° 6 | 24°45 | 23°D47 | 9°45 | 21°16 | 2°53 | 8°R28 | 8°38 | 14°46 | 25°54 | |
| F 23 | 4 25 3 | 5°41'52 | 22°10 | 15°25 | 26° 3 | 7°51 | 24°46 | 23°47 | 9°43 | 21°18 | 2°53 | 8°27 | 8°35 | 14°52 | 25°52 | |
| S 24 | 4 29 0 | 6°43'00 | 4♌17 | 16°41 | 27°15 | 8°36 | 24°48 | 23°47 | 9°41 | 21°19 | 2°52 | 8°27 | 8°32 | 14°59 | 25°50 | |
| S 25 | 4 32 56 | 7°44'08 | 16°14 | 17°59 | 28°28 | 9°22 | 24°50 | 23°47 | 9°38 | 21°21 | 2°52 | 8°27 | 8°29 | 15° 6 | 25°48 | |
| M26 | 4 36 53 | 8°45'18 | 28° 5 | 19°18 | 29°40 | 10° 7 | 24°52 | 23°47 | 9°36 | 21°23 | 2°51 | 8°D27 | 8°25 | 15°12 | 25°46 | |
| T 27 | 4 40 50 | 9°46'28 | 9♍53 | 20°39 | 0♍53 | 10°52 | 24°54 | 23°48 | 9°34 | 21°25 | 2°51 | 8°27 | 8°22 | 15°19 | 25°44 | |
| W28 | 4 44 46 | 10°47'39 | 21°40 | 22° 1 | 2° 5 | 11°38 | 24°57 | 23°49 | 9°32 | 21°26 | 2°51 | 8°27 | 8°19 | 15°26 | 25°42 | |
| T 29 | 4 48 43 | 11°48'51 | 3♌31 | 23°25 | 3°18 | 12°23 | 24°59 | 23°49 | 9°30 | 21°28 | 2°50 | 8°R27 | 8°16 | 15°32 | 25°40 | |
| F 30 | 4 52 39 | 12♌50'03 | 15♌27 | 24♍49 | 4♍31 | 13♌ 8 | 25♌ 2 | 23♌50 | 9♌28 | 21♌30 | 2°Y50 | 8♍27 | 8♍13 | 15♌39 | 25°Y38 | |

Delta T = 42m59s

Julian Calendar 1 Nov. 848 == Greg. Calendar 5 Nov. 848

DECEMBER 848 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|--------|---|
| S 1 | 4 56 36 | 13♌51'15 | 27♌30 | 26♍14 | 5♍44 | 13♌54 | 25♌ 6 | 23♌51 | 9°R26 | 21♌32 | 2°R50 | 8°R27 | 8♍10 | 15♌46 | 25°R37 | |
| S 2 | 5 0 32 | 14°52'28 | 9♌41 | 27°40 | 6°57 | 14°39 | 25° 9 | 23°52 | 9♌24 | 21°34 | 2°Y50 | 8♍27 | 8° 6 | 15°52 | 25°Y35 | |
| M 3 | 5 4 29 | 15°53'41 | 22° 3 | 29° 7 | 8° 9 | 15°24 | 25°12 | 23°53 | 9°22 | 21°36 | 2°49 | 8°26 | 8° 3 | 15°59 | 25°33 | |
| T 4 | 5 8 26 | 16°54'54 | 4♌37 | 0♌34 | 9°22 | 16° 9 | 25°16 | 23°54 | 9°21 | 21°38 | 2°49 | 8°24 | 8° 0 | 16° 6 | 25°32 | |
| W 5 | 5 12 22 | 17°56'07 | 17°25 | 2° 2 | 10°36 | 16°55 | 25°20 | 23°56 | 9°19 | 21°40 | 2°49 | 8°23 | 7°57 | 16°12 | 25°30 | |
| T 6 | 5 16 19 | 18°57'20 | 0♌29 | 3°31 | 11°49 | 17°40 | 25°24 | 23°57 | 9°17 | 21°42 | 2°49 | 8°22 | 7°54 | 16°19 | 25°28 | |
| F 7 | 5 20 15 | 19°58'33 | 13°51 | 5° 0 | 13° 2 | 18°25 | 25°28 | 23°59 | 9°15 | 21°44 | 2°49 | 8°D22 | 7°50 | 16°26 | 25°27 | |
| S 8 | 5 24 12 | 20°59'45 | 27°33 | 6°29 | 14°15 | 19°11 | 25°33 | 24° 1 | 9°14 | 21°46 | 2°49 | 8°22 | 7°47 | 16°32 | 25°26 | |
| S 9 | 5 28 8 | 22° 0'58 | 11°Y35 | 7°59 | 15°28 | 19°56 | 25°38 | 24° 2 | 9°12 | 21°48 | 2°48 | 8°22 | 7°44 | 16°39 | 25°24 | |
| M10 | 5 32 5 | 23° 2'10 | 25°56 | 9°29 | 16°42 | 20°41 | 25°43 | 24° 4 | 9°10 | 21°50 | 2°48 | 8°23 | 7°41 | 16°46 | 25°23 | |
| T 11 | 5 36 1 | 24° 3'22 | 10♌34 | 11° 0 | 17°55 | 21°27 | 25°48 | 24° 6 | 9° 9 | 21°52 | 2°48 | 8°25 | 7°38 | 16°52 | 25°22 | |
| W12 | 5 39 58 | 25° 4'33 | 25°25 | 12°31 | 19° 8 | 22°12 | 25°53 | 24° 8 | 9° 7 | 21°54 | 2°48 | 8°26 | 7°35 | 16°59 | 25°21 | |
| T 13 | 5 43 55 | 26° 5'45 | 10♍21 | 14° 2 | 20°22 | 22°57 | 25°58 | 24°11 | 9° 6 | 21°56 | 2°D48 | 8°R26 | 7°31 | 17° 6 | 25°19 | |
| F 14 | 5 47 51 | 27° 6'56 | 25°16 | 15°34 | 21°35 | 23°42 | 26° 4 | 24°13 | 9° 4 | 21°58 | 2°48 | 8°25 | 7°28 | 17°12 | 25°18 | |
| S 15 | 5 51 48 | 28° 8'07 | 10♌ 0 | 17° 7 | 22°49 | 24°27 | 26°10 | 24°15 | 9° 3 | 22° 0 | 2°48 | 8°24 | 7°25 | 17°19 | 25°17 | |
| S 16 | 5 55 44 | 29° 9'18 | 24°27 | 18°39 | 24° 2 | 25°13 | 26°16 | 24°18 | 9° 1 | 22° 2 | 2°48 | 8°21 | 7°22 | 17°26 | 25°17 | |
| M17 | 5 59 41 | 0♌10'29 | 8♌32 | 20°12 | 25°16 | 25°58 | 26°22 | 24°21 | 9° 0 | 22° 5 | 2°49 | 8°18 | 7°19 | 17°32 | 25°16 | |
| T 18 | 6 3 37 | 1°11'40 | 22°10 | 21°46 | 26°30 | 26°43 | 26°28 | 24°23 | 8°59 | 22° 7 | 2°49 | 8°14 | 7°16 | 17°39 | 25°15 | |
| W19 | 6 7 34 | 2°12'51 | 5♍22 | 23°20 | 27°43 | 27°28 | 26°34 | 24°26 | 8°58 | 22° 9 | 2°49 | 8°11 | 7°12 | 17°46 | 25°14 | |
| T 20 | 6 11 30 | 3°14'01 | 18° 9 | 24°54 | 28°57 | 28°13 | 26°41 | 24°29 | 8°56 | 22°11 | 2°49 | 8° 9 | 7° 9 | 17°52 | 25°13 | |
| F 21 | 6 15 27 | 4°15'12 | 0♌35 | 26°29 | 0♌11 | 28°58 | 26°48 | 24°32 | 8°55 | 22°13 | 2°49 | 8°D 8 | 7° 6 | 17°59 | 25°13 | |
| S 22 | 6 19 24 | 5°16'22 | 12°43 | 28° 4 | 1°25 | 29°43 | 26°55 | 24°35 | 8°54 | 22°15 | 2°49 | 8° 9 | 7° 3 | 18° 6 | 25°12 | |
| S 23 | 6 23 20 | 6°17'32 | 24°40 | 29°39 | 2°38 | 0♌28 | 27° 2 | 24°39 | 8°53 | 22°18 | 2°50 | 8°10 | 7° 0 | 18°12 | 25°12 | |
| M24 | 6 27 17 | 7°18'42 | 6♍29 | 1♌16 | 3°52 | 1°13 | 27° 9 | 24°42 | 8°52 | 22°20 | 2°50 | 8°12 | 6°56 | 18°19 | 25°11 | |
| T 25 | 6 31 13 | 8°19'52 | 18°16 | 2°52 | 5° 6 | 1°59 | 27°17 | 24°45 | 8°51 | 22°22 | 2°50 | 8°13 | 6°53 | 18°25 | 25°11 | |
| W26 | 6 35 10 | 9°21'01 | 0♌ 5 | 4°29 | 6°20 | 2°44 | 27°24 | 24°49 | 8°50 | 22°24 | 2°50 | 8°15 | 6°50 | 18°32 | 25°10 | |
| T 27 | 6 39 6 | 10°22'10 | 11°59 | 6° 7 | 7°34 | 3°29 | 27°32 | 24°53 | 8°49 | 22°26 | 2°51 | 8°R15 | 6°47 | 18°39 | 25°10 | |
| F 28 | 6 43 3 | 11°23'18 | 24° 3 | 7°45 | 8°48 | 4°13 | 27°40 | 24°56 | 8°49 | 22°29 | 2°51 | 8°14 | 6°44 | 18°45 | 25°10 | |
| S 29 | 6 46 59 | 12°24'26 | 6♌18 | 9°24 | 10° 2 | 4°58 | 27°48 | 25° 0 | 8°48 | 22°31 | 2°51 | 8°11 | 6°41 | 18°52 | 25°10 | |
| S 30 | 6 50 56 | 13°25'33 | 18°46 | 11° 4 | 11°16 | 5°43 | 27°56 | 25° 4 | 8°47 | 22°33 | 2°52 | 8° 6 | 6°37 | 18°59 | 25°10 | |
| M31 | 6 54 53 | 14♌26'39 | 1♌27 | 12♌44 | 12♌30 | 6♌28 | 28♌ 4 | 25♌ 8 | 8♌47 | 22♌35 | 2°Y52 | 8♍ 0 | 6♍34 | 19♌ 5 | 25°D10 | |

Delta T = 42m59s

Julian Calendar

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