

SWISS EPHEMERIS for the year 348

JANUARY 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|---------|-----------|--------|--------|--------|--------|-------|--------|--------|-------|--------|-------|-------|-------|------|---|---|---|---|---|---|---|---|--|
| F 1 | 6 40 39 | 11♁ 6°07' | 12♊40 | 25♁47 | 27♁40 | 27♊19 | 2♁ 5 | 17♁16 | 15°R43 | 1♁17 | 19♁37 | 8°R10 | 6♁52 | 2♁ 0 | n.a. | | | | | | | | | |
| S 2 | 6 44 36 | 12° 7'07" | 25°55' | 27°19' | 28°34' | 28° 2' | 2°19' | 17°21' | 15♁42 | 1°19' | 19°38' | 8♁ 3 | 6♁49 | 2° 7' | n.a. | | | | | | | | | |
| S 3 | 6 48 32 | 13° 8'05" | 9♁31 | 28°51' | 29°28' | 28°44' | 2°33' | 17°25' | 15°41' | 1°22' | 19°39' | 7°53' | 6°45' | 2°13' | n.a. | | | | | | | | | |
| M 4 | 6 52 29 | 14° 9'03" | 23°26' | 0♁24 | 0♁21 | 29°27' | 2°46' | 17°30' | 15°40' | 1°24' | 19°39' | 7°42' | 6°42' | 2°20' | n.a. | | | | | | | | | |
| T 5 | 6 56 25 | 15° 9'59" | 7♁36 | 1°57' | 1°13' | 0♁10 | 3° 0' | 17°35' | 15°39' | 1°26' | 19°40' | 7°31' | 6°39' | 2°27' | n.a. | | | | | | | | | |
| W 6 | 7 0 22 | 16°10'55" | 21°55' | 3°32' | 2° 5' | 0°52' | 3°14' | 17°40' | 15°38' | 1°28' | 19°41' | 7°20' | 6°36' | 2°33' | n.a. | | | | | | | | | |
| T 7 | 7 4 19 | 17°11'49" | 6♁17 | 5° 7' | 2°56' | 1°35' | 3°28' | 17°45' | 15°37' | 1°31' | 19°42' | 7°12' | 6°33' | 2°40' | n.a. | | | | | | | | | |
| F 8 | 7 8 15 | 18°12'43" | 20°38' | 6°42' | 3°46' | 2°18' | 3°42' | 17°50' | 15°36' | 1°33' | 19°42' | 7° 7' | 6°30' | 2°47' | n.a. | | | | | | | | | |
| S 9 | 7 12 12 | 19°13'35" | 4♁53 | 8°19' | 4°35' | 3° 1' | 3°56' | 17°55' | 15°35' | 1°35' | 19°43' | 7° 4' | 6°26' | 2°53' | n.a. | | | | | | | | | |
| S 10 | 7 16 8 | 20°14'26" | 19° 0' | 9°56' | 5°24' | 3°44' | 4°10' | 18° 0' | 15°35' | 1°37' | 19°44' | 7°D 3 | 6°23' | 3° 0' | n.a. | | | | | | | | | |
| M11 | 7 20 5 | 21°15'17" | 2♊59 | 11°34' | 6°11' | 4°26' | 4°24' | 18° 5' | 15°34' | 1°39' | 19°45' | 7°R 3 | 6°20' | 3° 7' | n.a. | | | | | | | | | |
| T 12 | 7 24 1 | 22°16'07" | 16°49' | 13°13' | 6°58' | 5° 9' | 4°37' | 18°11' | 15°33' | 1°42' | 19°46' | 7° 3' | 6°17' | 3°13' | n.a. | | | | | | | | | |
| W13 | 7 27 58 | 23°16'55" | 0♁31 | 14°52' | 7°44' | 5°52' | 4°51' | 18°16' | 15°33' | 1°44' | 19°46' | 7° 1' | 6°14' | 3°20' | n.a. | | | | | | | | | |
| T 14 | 7 31 54 | 24°17'43" | 14° 3' | 16°32' | 8°28' | 6°35' | 5° 5' | 18°21' | 15°32' | 1°46' | 19°47' | 6°57' | 6°10' | 3°27' | n.a. | | | | | | | | | |
| F 15 | 7 35 51 | 25°18'29" | 27°26' | 18°13' | 9°12' | 7°18' | 5°19' | 18°27' | 15°32' | 1°48' | 19°48' | 6°49' | 6° 7' | 3°33' | n.a. | | | | | | | | | |
| S 16 | 7 39 48 | 26°19'14" | 10♁39 | 19°55' | 9°54' | 8° 1' | 5°32' | 18°33' | 15°31' | 1°50' | 19°49' | 6°38' | 6° 4' | 3°40' | n.a. | | | | | | | | | |
| S 17 | 7 43 44 | 27°19'57" | 23°39' | 21°38' | 10°35' | 8°44' | 5°46' | 18°38' | 15°31' | 1°52' | 19°50' | 6°26' | 6° 1' | 3°47' | n.a. | | | | | | | | | |
| M18 | 7 47 41 | 28°20'39" | 6♁27 | 23°21' | 11°16' | 9°28' | 5°59' | 18°44' | 15°31' | 1°54' | 19°51' | 6°12' | 5°58' | 3°53' | n.a. | | | | | | | | | |
| T 19 | 7 51 37 | 29°21'20" | 19° 0' | 25° 6' | 11°55' | 10°11' | 6°13' | 18°50' | 15°31' | 1°56' | 19°52' | 5°58' | 5°55' | 4° 0' | n.a. | | | | | | | | | |
| W20 | 7 55 34 | 0♁21'59" | 1♁20 | 26°51' | 12°32' | 10°54' | 6°27' | 18°56' | 15°30' | 1°58' | 19°53' | 5°45' | 5°51' | 4° 7' | n.a. | | | | | | | | | |
| T 21 | 7 59 30 | 1°22'36" | 13°26' | 28°37' | 13° 9' | 11°37' | 6°40' | 19° 2' | 15°30' | 2° 1' | 19°54' | 5°35' | 5°48' | 4°13' | n.a. | | | | | | | | | |
| F 22 | 8 3 27 | 2°23'11" | 25°23' | 0♁24 | 13°43' | 12°20' | 6°53' | 19° 8' | 15°30' | 2° 3' | 19°55' | 5°28' | 5°45' | 4°20' | n.a. | | | | | | | | | |
| S 23 | 8 7 24 | 3°23'44" | 7♁13 | 2°12' | 14°17' | 13° 3' | 7° 7' | 19°14' | 15°D30 | 2° 5' | 19°56' | 5°23' | 5°42' | 4°27' | n.a. | | | | | | | | | |
| S 24 | 8 11 20 | 4°24'15" | 19° 0' | 4° 0' | 14°49' | 13°47' | 7°20' | 19°20' | 15°30' | 2° 7' | 19°57' | 5°21' | 5°39' | 4°33' | n.a. | | | | | | | | | |
| M25 | 8 15 17 | 5°24'45" | 0♁50 | 5°50' | 15°19' | 14°30' | 7°33' | 19°26' | 15°30' | 2° 9' | 19°58' | 5°21' | 5°36' | 4°40' | n.a. | | | | | | | | | |
| T 26 | 8 19 13 | 6°25'12" | 12°49' | 7°40' | 15°48' | 15°13' | 7°47' | 19°33' | 15°30' | 2°11' | 19°59' | 5°20' | 5°32' | 4°47' | n.a. | | | | | | | | | |
| W27 | 8 23 10 | 7°25'38" | 25° 1' | 9°31' | 16°15' | 15°56' | 8° 0' | 19°39' | 15°31' | 2°12' | 20° 1' | 5°20' | 5°29' | 4°53' | n.a. | | | | | | | | | |
| T 28 | 8 27 6 | 8°26'02" | 7♁33 | 11°23' | 16°41' | 16°40' | 8°13' | 19°45' | 15°31' | 2°14' | 20° 2' | 5°17' | 5°26' | 5° 0' | n.a. | | | | | | | | | |
| F 29 | 8 31 3 | 9°26'23" | 20°28' | 13°15' | 17° 4' | 17°23' | 8°26' | 19°52' | 15°31' | 2°16' | 20° 3' | 5°12' | 5°23' | 5° 7' | n.a. | | | | | | | | | |
| S 30 | 8 34 59 | 10°26'43" | 3♁49 | 15° 8' | 17°26' | 18° 6' | 8°39' | 19°58' | 15°31' | 2°18' | 20° 4' | 5° 4' | 5°20' | 5°13' | n.a. | | | | | | | | | |
| S 31 | 8 38 56 | 11♁27'01" | 17♁37 | 17♁ 2 | 17♁46 | 18♁50 | 8♁52 | 20♁ 5 | 15♁32 | 2♁20 | 20♁ 5 | 4♁54 | 5♁16 | 5♁20 | n.a. | | | | | | | | | |

Delta T = 01h59m17s

Julian Calendar 1 Jan. 348 == Greg. Calendar 2 Jan. 348

FEBRUARY 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|---------|-----------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|-------|-------|------|---|---|---|---|---|---|---|---|--|
| M 1 | 8 42 53 | 12♁27'16" | 1♁50 | 18♁56 | 18♁ 3 | 19♁33 | 9♁ 5 | 20♁11 | 15♁32 | 2♁22 | 20♁ 6 | 4°R43 | 5♁13 | 5♁27 | n.a. | | | | | | | | | |
| T 2 | 8 46 49 | 13°27'30" | 16°23' | 20°50' | 18°19' | 20°17' | 9°18' | 20°18' | 15°33' | 2°24' | 20° 7' | 4♁31 | 5°10' | 5°33' | n.a. | | | | | | | | | |
| W 3 | 8 50 46 | 14°27'42" | 1♁ 8 | 22°44' | 18°33' | 21° 0' | 9°31' | 20°25' | 15°33' | 2°26' | 20° 9' | 4°20' | 5° 7' | 5°40' | n.a. | | | | | | | | | |
| T 4 | 8 54 42 | 15°27'52" | 15°58' | 24°39' | 18°44' | 21°44' | 9°43' | 20°31' | 15°34' | 2°27' | 20°10' | 4°11' | 5° 4' | 5°47' | n.a. | | | | | | | | | |
| F 5 | 8 58 39 | 16°28'00" | 0♁43 | 26°32' | 18°53' | 22°27' | 9°56' | 20°38' | 15°35' | 2°29' | 20°11' | 4° 4' | 5° 1' | 5°53' | n.a. | | | | | | | | | |
| S 6 | 9 2 35 | 17°28'06" | 15°18' | 28°25' | 19° 0' | 23°11' | 10° 9' | 20°45' | 15°35' | 2°31' | 20°12' | 4° 1' | 4°57' | 6° 0' | n.a. | | | | | | | | | |
| S 7 | 9 6 32 | 18°28'11" | 29°39' | 0♁18 | 19° 4' | 23°54' | 10°21' | 20°52' | 15°36' | 2°33' | 20°14' | 4°D 0 | 4°54' | 6° 7' | n.a. | | | | | | | | | |
| M 8 | 9 10 28 | 19°28'15" | 13♁42 | 2° 8' | 19°R 7 | 24°38' | 10°34' | 20°59' | 15°37' | 2°34' | 20°15' | 4°R 0 | 4°51' | 6°13' | n.a. | | | | | | | | | |
| T 9 | 9 14 25 | 20°28'16" | 27°29' | 3°57' | 19° 6' | 25°21' | 10°46' | 21° 6' | 15°38' | 2°36' | 20°16' | 4° 0' | 4°48' | 6°20' | n.a. | | | | | | | | | |
| W10 | 9 18 22 | 21°28'16" | 10♁59 | 5°44' | 19° 3' | 26° 5' | 10°59' | 21°13' | 15°39' | 2°38' | 20°17' | 3°59' | 4°45' | 6°27' | n.a. | | | | | | | | | |
| T 11 | 9 22 18 | 22°28'15" | 24°16' | 7°28' | 18°58' | 26°49' | 11°11' | 21°20' | 15°40' | 2°39' | 20°19' | 3°55' | 4°42' | 6°33' | n.a. | | | | | | | | | |
| F 12 | 9 26 15 | 23°28'11" | 7♁19 | 9°10' | 18°50' | 27°32' | 11°23' | 21°27' | 15°41' | 2°41' | 20°20' | 3°48' | 4°38' | 6°40' | n.a. | | | | | | | | | |
| S 13 | 9 30 11 | 24°28'06" | 20°10' | 10°47' | 18°40' | 28°16' | 11°35' | 21°34' | 15°42' | 2°43' | 20°21' | 3°39' | 4°35' | 6°47' | n.a. | | | | | | | | | |
| S 14 | 9 34 8 | 25°27'59" | 2♁50 | 12°20' | 18°27' | 29° 0' | 11°47' | 21°41' | 15°43' | 2°44' | 20°23' | 3°27' | 4°32' | 6°53' | n.a. | | | | | | | | | |
| M15 | 9 38 4 | 26°27'50" | 15°19' | 13°49' | 18°12' | 29°44' | 12° 0' | 21°48' | 15°44' | 2°46' | 20°24' | 3°15' | 4°29' | 7° 0' | n.a. | | | | | | | | | |
| T 16 | 9 42 1 | 27°27'38" | 27°38' | 15°13' | 17°55' | 0♁27 | 12°11' | 21°55' | 15°45' | 2°47' | 20°25' | 3° 2' | 4°26' | 7° 7' | n.a. | | | | | | | | | |
| W17 | 9 45 57 | 28°27'25" | 9♁46 | 16°30' | 17°34' | 1°11' | 12°23' | 22° 3' | 15°47' | 2°49' | 20°27' | 2°51' | 4°22' | 7°13' | n.a. | | | | | | | | | |
| T 18 | 9 49 54 | 29°27'10" | 21°46' | 17°42' | 17°12' | 1°55' | 12°35' | 22°10' | 15°48' | 2°50' | 20°28' | 2°42' | 4°19' | 7°20' | n.a. | | | | | | | | | |
| F 19 | 9 53 51 | 0♁26'52" | 3♁38 | 18°47' | 16°47' | 2°39' | 12°47' | 22°17' | 15°49' | 2°52' | 20°29' | 2°35' | 4°16' | 7°27' | n.a. | | | | | | | | | |
| S 20 | 9 57 47 | 1°26'32" | 15°26' | 19°45' | 16°21' | 3°22' | 12°58' | 22°25' | 15°51' | 2°53' | 20°31' | 2°31' | 4°13' | 7°33' | n.a. | | | | | | | | | |
| S 21 | 10 1 44 | 2°26'10" | 27°13' | 20°36' | 15°52' | 4° 6' | 13°10' | 22°32' | 15°52' | 2°54' | 20°32' | 2°D29 | 4°10' | 7°40' | n.a. | | | | | | | | | |
| M22 | 10 5 40 | 3°25'45 | | | | | | | | | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 348

MARCH 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|----------|--------|--------|--------|--------|--------|-------|------|----|-------|-------|-------|-------|------|---|---|---|---|---|---|---|
| T 1 | 10 37 13 | 11°21'05 | 24°03'32 | 22°R21 | 10°R33 | 10°341 | 14°349 | 23°339 | 16°8 | 3°3 | 6 | 20°45 | 2°R 1 | 3°341 | 8°40 | n.a. | | | | | | | |
| W 2 | 10 41 9 | 12°20'20 | 9°31 | 21°55 | 9°55 | 11°25 | 15° 0 | 23°47 | 16° 9 | 3° 7 | 7 | 20°46 | 1°54 | 3°38 | 8°47 | n.a. | | | | | | | |
| T 3 | 10 45 6 | 13°19'32 | 24°39 | 21°24 | 9°18 | 12° 9 | 15°11 | 23°54 | 16°11 | 3° 8 | 8 | 20°48 | 1°48 | 3°35 | 8°53 | n.a. | | | | | | | |
| F 4 | 10 49 2 | 14°18'42 | 9°46 | 20°47 | 8°41 | 12°53 | 15°21 | 24° 2 | 16°13 | 3° 9 | 9 | 20°49 | 1°44 | 3°32 | 9° 0 | n.a. | | | | | | | |
| S 5 | 10 52 59 | 15°17'50 | 24°42 | 20° 6 | 8° 5 | 13°37 | 15°31 | 24°10 | 16°16 | 3°10 | 10 | 20°51 | 1°D42 | 3°28 | 9° 7 | n.a. | | | | | | | |
| S 6 | 10 56 55 | 16°16'57 | 9°12 | 19°22 | 7°30 | 14°21 | 15°41 | 24°17 | 16°18 | 3°11 | 11 | 20°52 | 1°42 | 3°25 | 9°13 | n.a. | | | | | | | |
| M 7 | 11 0 52 | 17°16'01 | 23°41 | 18°35 | 6°57 | 15° 5 | 15°51 | 24°25 | 16°20 | 3°12 | 12 | 20°54 | 1°43 | 3°22 | 9°20 | n.a. | | | | | | | |
| T 8 | 11 4 48 | 18°15'04 | 7°36 | 17°47 | 6°25 | 15°49 | 16° 1 | 24°32 | 16°22 | 3°13 | 13 | 20°55 | 1°44 | 3°19 | 9°27 | n.a. | | | | | | | |
| W 9 | 11 8 45 | 19°14'05 | 21° 9 | 16°58 | 5°55 | 16°33 | 16°11 | 24°40 | 16°24 | 3°13 | 14 | 20°57 | 1°R44 | 3°16 | 9°33 | n.a. | | | | | | | |
| T 10 | 11 12 42 | 20°13'04 | 4°21 | 16° 9 | 5°27 | 17°17 | 16°21 | 24°48 | 16°26 | 3°14 | 15 | 20°58 | 1°43 | 3°13 | 9°40 | n.a. | | | | | | | |
| F 11 | 11 16 38 | 21°12'01 | 17°15 | 15°22 | 5° 1 | 18° 1 | 16°31 | 24°55 | 16°29 | 3°15 | 16 | 20°59 | 1°41 | 3° 9 | 9°46 | n.a. | | | | | | | |
| S 12 | 11 20 35 | 22°10'57 | 29°53 | 14°37 | 4°37 | 18°45 | 16°40 | 25° 3 | 16°31 | 3°16 | 17 | 21° 1 | 1°36 | 3° 6 | 9°53 | n.a. | | | | | | | |
| S 13 | 11 24 31 | 23° 9'50 | 12°19 | 13°55 | 4°15 | 19°29 | 16°49 | 25°11 | 16°33 | 3°17 | 18 | 21° 2 | 1°30 | 3° 3 | 10° 0 | n.a. | | | | | | | |
| M14 | 11 28 28 | 24° 8'42 | 24°33 | 13°16 | 3°55 | 20°13 | 16°59 | 25°18 | 16°36 | 3°17 | 19 | 21° 4 | 1°23 | 3° 0 | 10° 6 | n.a. | | | | | | | |
| T 15 | 11 32 24 | 25° 7'32 | 6°38 | 12°41 | 3°38 | 20°57 | 17° 8 | 25°26 | 16°38 | 3°18 | 20 | 21° 5 | 1°16 | 2°57 | 10°13 | n.a. | | | | | | | |
| W16 | 11 36 21 | 26° 6'19 | 18°36 | 12°11 | 3°24 | 21°41 | 17°17 | 25°34 | 16°41 | 3°19 | 21 | 21° 7 | 1°10 | 2°53 | 10°20 | n.a. | | | | | | | |
| T 17 | 11 40 17 | 27° 5'05 | 0°28 | 11°46 | 3°11 | 22°25 | 17°26 | 25°42 | 16°43 | 3°19 | 22 | 21° 8 | 1° 5 | 2°50 | 10°26 | n.a. | | | | | | | |
| F 18 | 11 44 14 | 28° 3'48 | 12°17 | 11°25 | 3° 1 | 23° 9 | 17°35 | 25°49 | 16°46 | 3°20 | 23 | 21°10 | 1° 2 | 2°47 | 10°33 | n.a. | | | | | | | |
| S 19 | 11 48 11 | 29° 2'29 | 24° 4 | 11°10 | 2°54 | 23°53 | 17°43 | 25°57 | 16°48 | 3°21 | 24 | 21°11 | 1° 0 | 2°44 | 10°40 | n.a. | | | | | | | |
| S 20 | 11 52 7 | 0°1'09 | 5°52 | 11° 0 | 2°49 | 24°38 | 17°52 | 26° 5 | 16°51 | 3°21 | 25 | 21°12 | 1°D 0 | 2°41 | 10°46 | n.a. | | | | | | | |
| M21 | 11 56 4 | 0°59'46 | 17°44 | 10°D55 | 2°47 | 25°22 | 18° 0 | 26°12 | 16°54 | 3°22 | 26 | 21°14 | 1° 1 | 2°38 | 10°53 | n.a. | | | | | | | |
| T 22 | 12 0 0 | 1°58'21 | 29°44 | 10°56 | 2°D47 | 26° 6 | 18° 8 | 26°20 | 16°56 | 3°22 | 27 | 21°15 | 1° 3 | 2°34 | 11° 0 | n.a. | | | | | | | |
| W23 | 12 3 57 | 2°56'54 | 11°55 | 11° 1 | 2°49 | 26°50 | 18°16 | 26°28 | 16°59 | 3°22 | 28 | 21°17 | 1° 4 | 2°31 | 11° 6 | n.a. | | | | | | | |
| T 24 | 12 7 53 | 3°55'24 | 24°23 | 11°12 | 2°53 | 27°34 | 18°24 | 26°35 | 17° 2 | 3°23 | 29 | 21°18 | 1° 6 | 2°28 | 11°13 | n.a. | | | | | | | |
| F 25 | 12 11 50 | 4°53'53 | 7°31 | 11°27 | 3° 0 | 28°18 | 18°32 | 26°43 | 17° 5 | 3°23 | 30 | 21°20 | 1°R 6 | 2°25 | 11°20 | n.a. | | | | | | | |
| S 26 | 12 15 46 | 5°52'19 | 20°24 | 11°48 | 3° 9 | 29° 2 | 18°40 | 26°50 | 17° 8 | 3°24 | 31 | 21°21 | 1° 5 | 2°22 | 11°26 | n.a. | | | | | | | |
| S 27 | 12 19 43 | 6°50'43 | 4° 4 | 12°12 | 3°20 | 29°46 | 18°48 | 26°58 | 17°10 | 3°24 | 32 | 21°22 | 1° 3 | 2°19 | 11°33 | n.a. | | | | | | | |
| M28 | 12 23 40 | 7°49'04 | 18°11 | 12°41 | 3°33 | 0°30 | 18°55 | 27° 6 | 17°13 | 3°24 | 33 | 21°24 | 1° 1 | 2°15 | 11°40 | n.a. | | | | | | | |
| T 29 | 12 27 36 | 8°47'24 | 2°45 | 13°14 | 3°48 | 1°14 | 19° 2 | 27°13 | 17°16 | 3°24 | 34 | 21°25 | 0°58 | 2°12 | 11°46 | n.a. | | | | | | | |
| W30 | 12 31 33 | 9°45'41 | 17°41 | 13°52 | 4° 5 | 1°58 | 19° 9 | 27°21 | 17°19 | 3°24 | 35 | 21°27 | 0°55 | 2° 9 | 11°53 | n.a. | | | | | | | |
| T 31 | 12 35 29 | 10°43'56 | 2°50 | 14°33 | 4°25 | 2°42 | 19°16 | 27°28 | 17°22 | 3°25 | 36 | 21°28 | 0°53 | 2° 6 | 12°0 | n.a. | | | | | | | |

Delta T = 01h59m16s Julian Calendar 1 March 348 == Greg. Calendar 2 March 348

APRIL 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|------|-------|------|---|---|---|---|---|---|---|
| F 1 | 12 39 26 | 11°42'09 | 18° 4 | 15°17 | 4°45 | 3°25 | 19°33 | 27°36 | 17°25 | 3°25 | 1 | 21°29 | 0°R51 | 2°3 | 12°6 | n.a. | | | | | | | |
| S 2 | 12 43 22 | 12°40'21 | 3°13 | 16° 5 | 5° 8 | 4° 9 | 19°30 | 27°43 | 17°28 | 3°25 | 2 | 21°31 | 0°D51 | 1°59 | 12°13 | n.a. | | | | | | | |
| S 3 | 12 47 19 | 13°38'31 | 18° 8 | 16°57 | 5°32 | 4°53 | 19°36 | 27°51 | 17°31 | 3°25 | 3 | 21°32 | 0°52 | 1°56 | 12°20 | n.a. | | | | | | | |
| M 4 | 12 51 15 | 14°36'39 | 2°42 | 17°51 | 5°59 | 5°37 | 19°43 | 27°58 | 17°34 | 3°25 | 4 | 21°33 | 0°53 | 1°53 | 12°26 | n.a. | | | | | | | |
| T 5 | 12 55 12 | 15°34'46 | 16°51 | 18°49 | 6°26 | 6°21 | 19°49 | 28° 6 | 17°37 | 3°R25 | 5 | 21°35 | 0°54 | 1°50 | 12°33 | n.a. | | | | | | | |
| W 6 | 12 59 9 | 16°32'52 | 0°34 | 19°50 | 6°55 | 7° 5 | 19°55 | 28°13 | 17°40 | 3°25 | 6 | 21°36 | 0°55 | 1°47 | 12°40 | n.a. | | | | | | | |
| T 7 | 13 3 5 | 17°30'55 | 13°51 | 20°54 | 7°26 | 7°49 | 20° 1 | 28°21 | 17°44 | 3°25 | 7 | 21°37 | 0°R55 | 1°44 | 12°46 | n.a. | | | | | | | |
| F 8 | 13 7 2 | 18°28'58 | 26°45 | 22° 0 | 7°58 | 8°33 | 20° 7 | 28°28 | 17°47 | 3°25 | 8 | 21°39 | 0°55 | 1°40 | 12°53 | n.a. | | | | | | | |
| S 9 | 13 10 58 | 19°26'59 | 9°19 | 23° 9 | 8°32 | 9°17 | 20°12 | 28°36 | 17°50 | 3°25 | 9 | 21°40 | 0°54 | 1°37 | 12°59 | n.a. | | | | | | | |
| S 10 | 13 14 55 | 20°24'58 | 21°38 | 24°21 | 9° 7 | 10° 1 | 20°18 | 28°43 | 17°53 | 3°25 | 10 | 21°41 | 0°53 | 1°34 | 13° 6 | n.a. | | | | | | | |
| M11 | 13 18 51 | 21°22'56 | 3°43 | 25°35 | 9°43 | 10°44 | 20°23 | 28°50 | 17°56 | 3°24 | 11 | 21°43 | 0°52 | 1°31 | 13°13 | n.a. | | | | | | | |
| T 12 | 13 22 48 | 22°20'53 | 15°40 | 26°51 | 10°20 | 11°28 | 20°28 | 28°57 | 18° 0 | 3°24 | 12 | 21°44 | 0°51 | 1°28 | 13°19 | n.a. | | | | | | | |
| W13 | 13 26 44 | 23°18'48 | 27°31 | 28°10 | 10°58 | 12°12 | 20°33 | 29° 5 | 18° 3 | 3°24 | 13 | 21°45 | 0°50 | 1°24 | 13°26 | n.a. | | | | | | | |
| T 14 | 13 30 41 | 24°16'41 | 9°19 | 29°31 | 11°38 | 12°56 | 20°38 | 29°12 | 18° 6 | 3°24 | 14 | 21°46 | 0°49 | 1°21 | 13°33 | n.a. | | | | | | | |
| F 15 | 13 34 38 | 25°14'33 | 21° 6 | 0°55 | 12°19 | 13°39 | 20°42 | 29°19 | 18° 9 | 3°23 | 15 | 21°48 | 0°49 | 1°18 | 13°39 | n.a. | | | | | | | |
| S 16 | 13 38 34 | 26°12'24 | 2°55 | 2°21 | 13° 0 | 14°23 | 20°47 | 29°26 | 18°13 | 3°23 | 16 | 21°49 | 0°D48 | 1°15 | 13°46 | n.a. | | | | | | | |
| S 17 | 13 42 31 | 27°10'13 | 14°48 | 3°49 | 13°43 | 15° 7 | 20°51 | 29°33 | 18°16 | 3°22 | 17 | 21°50 | 0°49 | 1°12 | 13°53 | n.a. | | | | | | | |
| M18 | 13 46 27 | 28° 8'00 | 26°48 | 5°19 | 14°26 | 15°50 | 20°55 | 29°41 | 18°19 | 3°22 | 18 | 21°51 | 0°49 | 1° 9 | 13°59 | n.a. | | | | | | | |
| T 19 | 13 50 24 | 29° 5'46 | 8°56 | 6°51 | 15°11 | 16°34 | 20°59 | 29°48 | 18°23 | 3°22 | 19 | 21°53 | 0°49 | 1° 5 | 14° 6 | n.a. | | | | | | | |
| W20 | 13 54 20 | 0°3'31 | 21°15 | 8°26 | 15°56 | 17°17 | 21° 3 | 29°55 | 18°26 | 3°21 | 20 | 21°54 | 0°49 | 1° 2 | 14°13 | n.a. | | | | | | | |
| T 21 | 13 58 17 | 1° 1'13 | 3°49 | 10° 2 | 16°42 | 18° 1 | 21° 6 | 0°2 | 18°30 | 3°21 | 21 | 21°55 | 0°R49 | 0°59 | 14°19 | n.a. | | | | | | | |
| F 22 | 14 2 13 | 1°58'54 | 16°40 | 11°41 | 17°29 | 18°44 | 21°10 | 0° 9 | 18°33 | 3°20 | 22 | 21°56 | 0°49 | 0°56 | 14°26 | n.a. | | | | | | | |
| S 23 | 14 6 10 | 2°56'34 | 29°50 | 13°22 | 18°17 | 19°27 | 21°13 | 0°15 | 18°36 | 3°20 | 23 | 21°57 | 0°D49 | 0°53 | 14°33 | n.a. | | | | | | | |
| S 24 | 14 10 7 | 3°54'11 | 13°23 | 15° 5 | 19° 6 | 20°11 | 21°16 | 0°22 | 18°40 | 3°19 | 24 | 21°58 | 0°49 | 0°50 | 14°39 | n.a. | | | | | | | |
| M25 | 14 14 3 | 4°51'47 | 27°20 | 16°51 | 19°55 | 20°54 | 21°19 | 0°29 | 18°43 | 3°18 | 25 | 22° 0 | 0°49 | 0°46 | 14°46 | n.a. | | | | | | | |
| T 26 | 14 18 0 | 5°49'22 | 11°40 | 18°38 | 20°45 | 21°37 | 21°21 | 0°36 | 18°47 | 3°18 | 26 | 22° 1 | 0°50 | 0°43 | 14°53 | n.a. | | | | | | | |
| W27 | 14 21 56 | 6°46'54 | 26°20 | 20°27 | 21°35 | 22°21 | 21°24 | 0°43 | 18°50 | 3°17 | 27 | 22° 2 | 0°50 | 0°40 | 14°59 | n.a. | | | | | | | |
| T 28 | 14 25 53 | 7°44'26 | 11°16 | 22°19 | 22°27 | 23° 4 | 21°26 | 0°49 | 18°54 | 3°16 | 28 | 22° 3 | 0°51 | 0°37 | 15° 6 | n.a. | | | | | | | |
| F 29 | 14 29 49 | 8°41'55 | 26°21 | 24°13 | 23°18 | 23°47 | 21°28 | 0°56 | 18°57 | 3°15 | 29 | 22° 4 | 0°R51 | 0°34 | 15°13 | n.a. | | | | | | | |
| S 30 | 14 33 46 | 9°39'24 | 11°26 | 26°18 | 24°11 | 24°30 | 21°30 | 1° 3 | 19° 1 | 3°15 | 30 | 22° 5 | 0°51 | 0°30 | 15°19 | n.a. | | | | | | | |

Delta T = 01h59m15s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 348

MAY 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|--------|------|-------|-------|-------|-------|-------|-------|------|
| S 1 | 14 37 42 | 10♄36'52 | 26♁22 | 28♃6 | 25♂4 | 25♁13 | 21♁32 | 1♃9 | 19♄4 | 3♁R14 | 22♁6 | 0♁R50 | 0♁27 | 15♃26 | n.a. |
| M 2 | 14 41 39 | 11♄34'18 | 11♂3 | 0♄6 | 25°58 | 25°56 | 21°33 | 1°16 | 19°8 | 3♁13 | 22°7 | 0♄49 | 0°24 | 15°32 | n.a. |
| T 3 | 14 45 36 | 12°31'44 | 25°20 | 2°8 | 26°52 | 26°39 | 21°35 | 1°22 | 19°11 | 3°12 | 22°8 | 0°48 | 0°21 | 15°39 | n.a. |
| W 4 | 14 49 32 | 13°29'09 | 9♁12 | 4°11 | 27°46 | 27°22 | 21°36 | 1°28 | 19°15 | 3°11 | 22°9 | 0°47 | 0°18 | 15°46 | n.a. |
| T 5 | 14 53 29 | 14°26'33 | 22°36 | 6°16 | 28°42 | 28°5 | 21°37 | 1°35 | 19°18 | 3°10 | 22°10 | 0°45 | 0°15 | 15°52 | n.a. |
| F 6 | 14 57 25 | 15°23'56 | 5♁35 | 8°23 | 29°37 | 28°48 | 21°38 | 1°41 | 19°22 | 3°10 | 22°11 | 0°44 | 0°11 | 15°59 | n.a. |
| S 7 | 15 1 22 | 16°21'19 | 18°11 | 10°31 | 0♃33 | 29°30 | 21°38 | 1°47 | 19°25 | 3°9 | 22°12 | 0°D44 | 0°8 | 16°6 | n.a. |
| S 8 | 15 5 18 | 17°18'41 | 0♁29 | 12°41 | 1°30 | 0♁13 | 21°39 | 1°54 | 19°29 | 3°8 | 22°13 | 0°45 | 0°5 | 16°12 | n.a. |
| M 9 | 15 9 15 | 18°16'02 | 12°32 | 14°51 | 2°27 | 0°56 | 21°39 | 2°0 | 19°32 | 3°7 | 22°14 | 0°46 | 0°2 | 16°19 | n.a. |
| T 10 | 15 13 11 | 19°13'22 | 24°25 | 17°2 | 3°25 | 1°38 | 21°R39 | 2°6 | 19°36 | 3°6 | 22°15 | 0°47 | 29♃59 | 16°26 | n.a. |
| W11 | 15 17 8 | 20°10'42 | 6♃14 | 19°14 | 4°22 | 2°21 | 21°39 | 2°12 | 19°39 | 3°5 | 22°15 | 0°49 | 29°56 | 16°32 | n.a. |
| T 12 | 15 21 5 | 21°8'01 | 18°1 | 21°26 | 5°21 | 3°3 | 21°38 | 2°18 | 19°43 | 3°3 | 22°16 | 0°50 | 29°52 | 16°39 | n.a. |
| F 13 | 15 25 1 | 22°5'20 | 29°50 | 23°38 | 6°19 | 3°45 | 21°38 | 2°24 | 19°46 | 3°2 | 22°17 | 0°R50 | 29°49 | 16°46 | n.a. |
| S 14 | 15 28 58 | 23°2'37 | 11♁44 | 25°49 | 7°18 | 4°28 | 21°37 | 2°29 | 19°50 | 3°1 | 22°18 | 0°50 | 29°46 | 16°52 | n.a. |
| S 15 | 15 32 54 | 23°59'55 | 23°45 | 28°0 | 8°18 | 5°10 | 21°36 | 2°35 | 19°53 | 3°0 | 22°19 | 0°48 | 29°43 | 16°59 | n.a. |
| M16 | 15 36 51 | 24°57'11 | 5♁10 | 0♁10 | 9°17 | 5°52 | 21°35 | 2°41 | 19°57 | 2°59 | 22°20 | 0°46 | 29°40 | 17°6 | n.a. |
| T 17 | 15 40 47 | 25°54'27 | 18°19 | 2°19 | 10°17 | 6°34 | 21°34 | 2°47 | 20°0 | 2°58 | 22°20 | 0°42 | 29°36 | 17°12 | n.a. |
| W18 | 15 44 44 | 26°51'42 | 0♁53 | 4°27 | 11°18 | 7°16 | 21°32 | 2°52 | 20°4 | 2°56 | 22°21 | 0°38 | 29°33 | 17°19 | n.a. |
| T 19 | 15 48 40 | 27°48'56 | 13°41 | 6°33 | 12°18 | 7°58 | 21°31 | 2°58 | 20°7 | 2°55 | 22°22 | 0°34 | 29°30 | 17°26 | n.a. |
| F 20 | 15 52 37 | 28°46'10 | 26°43 | 8°38 | 13°19 | 8°39 | 21°29 | 3°3 | 20°11 | 2°54 | 22°22 | 0°30 | 29°27 | 17°32 | n.a. |
| S 21 | 15 56 34 | 29°43'23 | 10♁0 | 10°41 | 14°21 | 9°21 | 21°27 | 3°9 | 20°14 | 2°53 | 22°23 | 0°28 | 29°24 | 17°39 | n.a. |
| S 22 | 16 0 30 | 0♁40'34 | 23°33 | 12°42 | 15°22 | 10°3 | 21°24 | 3°14 | 20°18 | 2°51 | 22°24 | 0°26 | 29°21 | 17°45 | n.a. |
| M23 | 16 4 27 | 1°37'45 | 7♁23 | 14°41 | 16°24 | 10°44 | 21°22 | 3°19 | 20°21 | 2°50 | 22°24 | 0°D26 | 29°17 | 17°52 | n.a. |
| T 24 | 16 8 23 | 2°34'56 | 21°30 | 16°38 | 17°26 | 11°25 | 21°19 | 3°24 | 20°25 | 2°49 | 22°25 | 0°27 | 29°14 | 17°59 | n.a. |
| W25 | 16 12 20 | 3°32'05 | 5♁53 | 18°33 | 18°28 | 12°7 | 21°16 | 3°29 | 20°28 | 2°47 | 22°26 | 0°29 | 29°11 | 18°5 | n.a. |
| T 26 | 16 16 16 | 4°29'14 | 20°58 | 20°25 | 19°31 | 12°48 | 21°13 | 3°34 | 20°32 | 2°46 | 22°26 | 0°30 | 29°8 | 18°12 | n.a. |
| F 27 | 16 20 13 | 5°26'22 | 5♁12 | 22°16 | 20°34 | 13°29 | 21°10 | 3°39 | 20°35 | 2°45 | 22°27 | 0°R30 | 29°5 | 18°19 | n.a. |
| S 28 | 16 24 9 | 6°23'30 | 20°0 | 24°4 | 21°37 | 14°10 | 21°7 | 3°44 | 20°39 | 2°43 | 22°27 | 0°29 | 29°2 | 18°25 | n.a. |
| S 29 | 16 28 6 | 7°20'38 | 4♁43 | 25°50 | 22°40 | 14°51 | 21°3 | 3°49 | 20°42 | 2°42 | 22°28 | 0°26 | 28°58 | 18°32 | n.a. |
| M30 | 16 32 3 | 8°17'45 | 19°15 | 27°34 | 23°43 | 15°31 | 21°0 | 3°54 | 20°46 | 2°40 | 22°28 | 0°21 | 28°55 | 18°39 | n.a. |
| T 31 | 16 35 59 | 9♁14'52 | 3♁30 | 29♁15 | 24♃47 | 16♁12 | 20♁56 | 3♃58 | 20♄49 | 2♁39 | 22♁29 | 0♁15 | 28♃52 | 18♃45 | n.a. |

Delta T = 01h59m14s Julian Calendar 1 May 348 == Greg. Calendar 2 May 348

JUNE 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|--------|------|-------|-------|--------|--------|-------|-------|------|
| W 1 | 16 39 56 | 10♁11'59 | 17♁22 | 0♁54 | 25♃51 | 16♁53 | 20°R52 | 4♃3 | 20♄52 | 2°R38 | 22♁29 | 0°R9 | 28♃49 | 18♃52 | n.a. |
| T 2 | 16 43 52 | 11°9'07 | 0♁49 | 2°31 | 26°55 | 17°33 | 20♁48 | 4°7 | 20°56 | 2♁36 | 22°30 | 0♄4 | 28°46 | 18°59 | n.a. |
| F 3 | 16 47 49 | 12°6'14 | 13°51 | 4°6 | 28°0 | 18°13 | 20°43 | 4°12 | 20°59 | 2°35 | 22°30 | 29♃59 | 28°42 | 19°5 | n.a. |
| S 4 | 16 51 45 | 13°3'21 | 26°30 | 5°38 | 29°4 | 18°54 | 20°39 | 4°16 | 21°2 | 2°33 | 22°31 | 29°56 | 28°39 | 19°12 | n.a. |
| S 5 | 16 55 42 | 14°0'29 | 8♁49 | 7°8 | 0♄9 | 19°34 | 20°34 | 4°20 | 21°6 | 2°32 | 22°31 | 29°D54 | 28°36 | 19°19 | n.a. |
| M 6 | 16 59 38 | 14°57'36 | 20°53 | 8°36 | 1°14 | 20°14 | 20°29 | 4°25 | 21°9 | 2°30 | 22°31 | 29°54 | 28°33 | 19°25 | n.a. |
| T 7 | 17 3 35 | 15°54'44 | 2♃46 | 10°1 | 2°19 | 20°53 | 20°24 | 4°29 | 21°12 | 2°29 | 22°32 | 29°55 | 28°30 | 19°32 | n.a. |
| W 8 | 17 7 32 | 16°51'52 | 14°34 | 11°24 | 3°24 | 21°33 | 20°19 | 4°33 | 21°16 | 2°27 | 22°32 | 29°57 | 28°27 | 19°38 | n.a. |
| T 9 | 17 11 28 | 17°49'01 | 26°22 | 12°45 | 4°30 | 22°12 | 20°14 | 4°37 | 21°19 | 2°25 | 22°32 | 29°R58 | 28°23 | 19°45 | n.a. |
| F 10 | 17 15 25 | 18°46'10 | 8♁15 | 14°3 | 5°36 | 22°52 | 20°8 | 4°40 | 21°22 | 2°24 | 22°33 | 29°57 | 28°20 | 19°52 | n.a. |
| S 11 | 17 19 21 | 19°43'19 | 20°15 | 15°19 | 6°41 | 23°31 | 20°3 | 4°44 | 21°25 | 2°22 | 22°33 | 29°55 | 28°17 | 19°58 | n.a. |
| S 12 | 17 23 18 | 20°40'29 | 2♁27 | 16°32 | 7°47 | 24°10 | 19°57 | 4°48 | 21°28 | 2°21 | 22°33 | 29°51 | 28°14 | 20°5 | n.a. |
| M13 | 17 27 14 | 21°37'39 | 14°53 | 17°42 | 8°54 | 24°49 | 19°51 | 4°51 | 21°32 | 2°19 | 22°33 | 29°44 | 28°11 | 20°12 | n.a. |
| T 14 | 17 31 11 | 22°34'49 | 27°32 | 18°50 | 10°0 | 25°28 | 19°45 | 4°55 | 21°35 | 2°18 | 22°33 | 29°36 | 28°8 | 20°18 | n.a. |
| W15 | 17 35 8 | 23°32'00 | 10♁27 | 19°55 | 11°6 | 26°6 | 19°39 | 4°58 | 21°38 | 2°16 | 22°34 | 29°27 | 28°4 | 20°25 | n.a. |
| T 16 | 17 39 4 | 24°29'10 | 23°35 | 20°57 | 12°13 | 26°45 | 19°33 | 5°2 | 21°41 | 2°14 | 22°34 | 29°18 | 28°1 | 20°32 | n.a. |
| F 17 | 17 43 1 | 25°26'21 | 6♁56 | 21°56 | 13°20 | 27°23 | 19°26 | 5°5 | 21°44 | 2°13 | 22°34 | 29°9 | 27°58 | 20°38 | n.a. |
| S 18 | 17 46 57 | 26°23'32 | 20°29 | 22°52 | 14°27 | 28°1 | 19°20 | 5°8 | 21°47 | 2°11 | 22°34 | 29°3 | 27°55 | 20°45 | n.a. |
| S 19 | 17 50 54 | 27°20'44 | 4♁13 | 23°44 | 15°34 | 28°39 | 19°13 | 5°11 | 21°50 | 2°10 | 22°34 | 28°58 | 27°52 | 20°52 | n.a. |
| M20 | 17 54 50 | 28°17'55 | 18°6 | 24°34 | 16°41 | 29°17 | 19°6 | 5°14 | 21°53 | 2°8 | 22°34 | 28°56 | 27°48 | 20°58 | n.a. |
| T 21 | 17 58 47 | 29°15'06 | 2♁8 | 25°20 | 17°48 | 29°54 | 19°0 | 5°17 | 21°56 | 2°6 | 22°34 | 28°D56 | 27°45 | 21°5 | n.a. |
| W22 | 18 2 43 | 0♁12'18 | 16°18 | 26°2 | 18°56 | 0♃32 | 18°53 | 5°19 | 21°59 | 2°5 | 22°R34 | 28°56 | 27°42 | 21°12 | n.a. |
| T 23 | 18 6 40 | 1°9'30 | 0♁34 | 26°41 | 20°3 | 1°9 | 18°46 | 5°22 | 22°2 | 2°3 | 22°34 | 28°R57 | 27°39 | 21°18 | n.a. |
| F 24 | 18 10 37 | 2°6'42 | 14°56 | 27°16 | 21°11 | 1°46 | 18°39 | 5°24 | 22°5 | 2°1 | 22°34 | 28°56 | 27°36 | 21°25 | n.a. |
| S 25 | 18 14 33 | 3°3'55 | 29°19 | 27°46 | 22°19 | 2°23 | 18°31 | 5°27 | 22°8 | 2°0 | 22°34 | 28°53 | 27°33 | 21°31 | n.a. |
| S 26 | 18 18 30 | 4°1'08 | 13♁39 | 28°13 | 23°27 | 2°59 | 18°24 | 5°29 | 22°11 | 1°58 | 22°34 | 28°47 | 27°29 | 21°38 | n.a. |
| M27 | 18 22 26 | 4°58'22 | 27°52 | 28°35 | 24°35 | 3°36 | 18°17 | 5°31 | 22°13 | 1°57 | 22°34 | 28°39 | 27°26 | 21°45 | n.a. |
| T 28 | 18 26 23 | 5°55'37 | 11♁51 | 28°52 | 25°43 | 4°12 | 18°9 | 5°34 | 22°16 | 1°55 | 22°34 | 28°29 | 27°23 | 21°51 | n.a. |
| W29 | 18 30 19 | 6°52'52 | 25°33 | 29°5 | 26°51 | 4°48 | 18°2 | 5°36 | 22°19 | 1°53 | 22°34 | 28°18 | 27°20 | 21°58 | n.a. |
| T 30 | 18 34 16 | 7♁50'08 | 8♁54 | 29♁13 | 28♄0 | 5♃24 | 17♁54 | 5♃38 | 22♄22 | 1♁52 | 22♁33 | 28♃8 | 27♃17 | 22♃5 | n.a. |

Delta T = 01h59m13s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 348

JULY 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|--------|-------|-------|-------|--------|--------|-------|-------|------|
| F 1 | 18 38 12 | 8♄47'25 | 21♋53 | 29°R16 | 29♄8 | 5♃59 | 17°R47 | 5♃39 | 22♄24 | 1°R50 | 22°R33 | 27°R58 | 27♃14 | 22♃11 | n.a. |
| S 2 | 18 42 9 | 9°44'43 | 4♃30 | 29♄14 | 0♁17 | 6°35 | 17♄39 | 5°41 | 22°27 | 1♄49 | 22♃33 | 27♃51 | 27°10 | 22°18 | n.a. |
| S 3 | 18 46 6 | 10°42'02 | 16°49 | 29° 7 | 1°26 | 7°10 | 17°32 | 5°43 | 22°30 | 1°47 | 22°33 | 27°47 | 27° 7 | 22°25 | n.a. |
| M 4 | 18 50 2 | 11°39'22 | 28°53 | 28°55 | 2°34 | 7°45 | 17°24 | 5°44 | 22°32 | 1°45 | 22°33 | 27°44 | 27° 4 | 22°31 | n.a. |
| T 5 | 18 53 59 | 12°36'43 | 10♃46 | 28°38 | 3°43 | 8°19 | 17°16 | 5°46 | 22°35 | 1°44 | 22°32 | 27°D44 | 27° 1 | 22°38 | n.a. |
| W 6 | 18 57 55 | 13°34'05 | 22°35 | 28°16 | 4°53 | 8°54 | 17° 8 | 5°47 | 22°37 | 1°42 | 22°32 | 27°R44 | 26°58 | 22°45 | n.a. |
| T 7 | 19 1 52 | 14°31'29 | 4♄24 | 27°49 | 6° 2 | 9°28 | 17° 1 | 5°48 | 22°40 | 1°41 | 22°32 | 27°44 | 26°54 | 22°51 | n.a. |
| F 8 | 19 5 48 | 15°28'54 | 16°19 | 27°17 | 7°11 | 10° 2 | 16°53 | 5°49 | 22°42 | 1°39 | 22°31 | 27°42 | 26°51 | 22°58 | n.a. |
| S 9 | 19 9 45 | 16°26'20 | 28°25 | 26°42 | 8°21 | 10°35 | 16°45 | 5°50 | 22°45 | 1°37 | 22°31 | 27°39 | 26°48 | 23° 5 | n.a. |
| S 10 | 19 13 41 | 17°23'48 | 10♁45 | 26° 2 | 9°30 | 11° 9 | 16°37 | 5°51 | 22°47 | 1°36 | 22°31 | 27°33 | 26°45 | 23°11 | n.a. |
| M11 | 19 17 38 | 18°21'17 | 23°23 | 25°20 | 10°40 | 11°42 | 16°29 | 5°52 | 22°49 | 1°34 | 22°30 | 27°24 | 26°42 | 23°18 | n.a. |
| T 12 | 19 21 35 | 19°18'47 | 6♄20 | 24°35 | 11°49 | 12°14 | 16°22 | 5°53 | 22°52 | 1°33 | 22°30 | 27°14 | 26°39 | 23°24 | n.a. |
| W13 | 19 25 31 | 20°16'19 | 19°35 | 23°48 | 12°59 | 12°47 | 16°14 | 5°53 | 22°54 | 1°31 | 22°29 | 27° 2 | 26°35 | 23°31 | n.a. |
| T 14 | 19 29 28 | 21°13'51 | 3♁ 7 | 23° 0 | 14° 9 | 13°19 | 16° 6 | 5°54 | 22°56 | 1°30 | 22°29 | 26°49 | 26°32 | 23°38 | n.a. |
| F 15 | 19 33 24 | 22°11'25 | 16°53 | 22°12 | 15°19 | 13°51 | 15°58 | 5°54 | 22°58 | 1°28 | 22°29 | 26°38 | 26°29 | 23°44 | n.a. |
| S 16 | 19 37 21 | 23° 9'00 | 0♁49 | 21°24 | 16°29 | 14°22 | 15°51 | 5°55 | 23° 1 | 1°27 | 22°28 | 26°29 | 26°26 | 23°51 | n.a. |
| S 17 | 19 41 17 | 24° 6'35 | 14°52 | 20°39 | 17°40 | 14°53 | 15°43 | 5°55 | 23° 3 | 1°25 | 22°27 | 26°22 | 26°23 | 23°58 | n.a. |
| M18 | 19 45 14 | 25° 4'12 | 28°59 | 19°56 | 18°50 | 15°24 | 15°35 | 5°R55 | 23° 5 | 1°24 | 22°27 | 26°19 | 26°20 | 24° 4 | n.a. |
| T 19 | 19 49 10 | 26° 1'50 | 13♁ 6 | 19°16 | 20° 0 | 15°55 | 15°28 | 5°55 | 23° 7 | 1°22 | 22°26 | 26°17 | 26°16 | 24°11 | n.a. |
| W20 | 19 53 7 | 26°59'29 | 27°14 | 18°41 | 21°11 | 16°25 | 15°20 | 5°55 | 23° 9 | 1°21 | 22°26 | 26°17 | 26°13 | 24°18 | n.a. |
| T 21 | 19 57 4 | 27°57'09 | 11♁20 | 18°11 | 22°21 | 16°55 | 15°13 | 5°54 | 23°11 | 1°20 | 22°25 | 26°17 | 26°10 | 24°24 | n.a. |
| F 22 | 20 1 0 | 28°54'50 | 25°25 | 17°46 | 23°32 | 17°24 | 15° 5 | 5°54 | 23°13 | 1°18 | 22°25 | 26°15 | 26° 7 | 24°31 | n.a. |
| S 23 | 20 4 57 | 29°52'32 | 9♄25 | 17°28 | 24°43 | 17°53 | 14°58 | 5°54 | 23°14 | 1°17 | 22°24 | 26°11 | 26° 4 | 24°38 | n.a. |
| S 24 | 20 8 53 | 0♁50'16 | 23°21 | 17°17 | 25°53 | 18°22 | 14°51 | 5°53 | 23°16 | 1°15 | 22°23 | 26° 5 | 26° 0 | 24°44 | n.a. |
| M25 | 20 12 50 | 1°48'01 | 7♄ 8 | 17°D13 | 27° 4 | 18°50 | 14°44 | 5°52 | 23°18 | 1°14 | 22°23 | 25°55 | 25°57 | 24°51 | n.a. |
| T 26 | 20 16 46 | 2°45'47 | 20°44 | 17°16 | 28°15 | 19°18 | 14°37 | 5°52 | 23°20 | 1°13 | 22°22 | 25°44 | 25°54 | 24°58 | n.a. |
| W27 | 20 20 43 | 3°43'35 | 4♁ 7 | 17°27 | 29°26 | 19°46 | 14°30 | 5°51 | 23°21 | 1°12 | 22°21 | 25°32 | 25°51 | 25° 4 | n.a. |
| T 28 | 20 24 40 | 4°41'24 | 17°12 | 17°46 | 0♄38 | 20°13 | 14°23 | 5°50 | 23°23 | 1°10 | 22°21 | 25°20 | 25°48 | 25°11 | n.a. |
| F 29 | 20 28 36 | 5°39'14 | 0♃ 0 | 18°13 | 1°49 | 20°40 | 14°16 | 5°49 | 23°25 | 1° 9 | 22°20 | 25° 9 | 25°45 | 25°17 | n.a. |
| S 30 | 20 32 33 | 6°37'07 | 12°31 | 18°47 | 3° 0 | 21° 6 | 14° 9 | 5°47 | 23°26 | 1° 8 | 22°19 | 25° 0 | 25°41 | 25°24 | n.a. |
| S 31 | 20 36 29 | 7♁35'01 | 24♃46 | 19♄29 | 4♄12 | 21♃32 | 14♄ 3 | 5♃46 | 23♄28 | 1♄ 6 | 22♃18 | 24♃54 | 25♃38 | 25♃31 | n.a. |

Delta T = 01h59m13s Julian Calendar 1 July 348 == Greg. Calendar 2 July 348

AUGUST 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|--------|-------|--------|-------|--------|--------|-------|-------|------|
| M 1 | 20 40 26 | 8♁32'57 | 6♃47 | 20♄18 | 5♄23 | 21♃58 | 13°R56 | 5°R45 | 23♄29 | 1°R 5 | 22°R18 | 24°R51 | 25♃35 | 25♃37 | n.a. |
| T 2 | 20 44 22 | 9°30'55 | 18°40 | 21°15 | 6°35 | 22°23 | 13♄50 | 5♃43 | 23°31 | 1♄ 4 | 22♃17 | 24♃50 | 25°32 | 25°44 | n.a. |
| W 3 | 20 48 19 | 10°28'54 | 0♄28 | 22°18 | 7°46 | 22°47 | 13°44 | 5°42 | 23°32 | 1° 3 | 22°16 | 24°D49 | 25°29 | 25°51 | n.a. |
| T 4 | 20 52 15 | 11°26'56 | 12°17 | 23°29 | 8°58 | 23°12 | 13°38 | 5°40 | 23°33 | 1° 2 | 22°15 | 24°R50 | 25°26 | 25°57 | n.a. |
| F 5 | 20 56 12 | 12°25'00 | 24°13 | 24°45 | 10°10 | 23°35 | 13°32 | 5°38 | 23°34 | 1° 1 | 22°14 | 24°49 | 25°22 | 26° 4 | n.a. |
| S 6 | 21 0 8 | 13°23'06 | 6♁20 | 26° 7 | 11°22 | 23°58 | 13°26 | 5°36 | 23°36 | 1° 0 | 22°13 | 24°47 | 25°19 | 26°11 | n.a. |
| S 7 | 21 4 5 | 14°21'14 | 18°44 | 27°34 | 12°34 | 24°21 | 13°20 | 5°34 | 23°37 | 0°58 | 22°13 | 24°42 | 25°16 | 26°17 | n.a. |
| M 8 | 21 8 2 | 15°19'24 | 1♄29 | 29° 6 | 13°46 | 24°43 | 13°15 | 5°32 | 23°38 | 0°57 | 22°12 | 24°35 | 25°13 | 26°24 | n.a. |
| T 9 | 21 11 58 | 16°17'36 | 14°36 | 0♁42 | 14°58 | 25° 5 | 13° 9 | 5°30 | 23°39 | 0°56 | 22°11 | 24°26 | 25°10 | 26°31 | n.a. |
| W10 | 21 15 55 | 17°15'50 | 28° 6 | 2°22 | 16°10 | 25°26 | 13° 4 | 5°28 | 23°40 | 0°55 | 22°10 | 24°15 | 25° 6 | 26°37 | n.a. |
| T 11 | 21 19 51 | 18°14'05 | 11♁58 | 4° 6 | 17°22 | 25°46 | 12°59 | 5°25 | 23°41 | 0°54 | 22° 9 | 24° 5 | 25° 3 | 26°44 | n.a. |
| F 12 | 21 23 48 | 19°12'23 | 26° 8 | 5°52 | 18°35 | 26° 6 | 12°54 | 5°23 | 23°42 | 0°53 | 22° 8 | 23°55 | 25° 0 | 26°50 | n.a. |
| S 13 | 21 27 44 | 20°10'42 | 10♁30 | 7°40 | 19°47 | 26°25 | 12°49 | 5°20 | 23°43 | 0°53 | 22° 7 | 23°47 | 24°57 | 26°57 | n.a. |
| S 14 | 21 31 41 | 21° 9'03 | 24°58 | 9°30 | 21° 0 | 26°44 | 12°45 | 5°17 | 23°44 | 0°52 | 22° 6 | 23°41 | 24°54 | 27° 4 | n.a. |
| M15 | 21 35 38 | 22° 7'26 | 9♁27 | 11°22 | 22°12 | 27° 2 | 12°40 | 5°15 | 23°44 | 0°51 | 22° 5 | 23°38 | 24°51 | 27°10 | n.a. |
| T 16 | 21 39 34 | 23° 5'51 | 23°51 | 13°15 | 23°25 | 27°19 | 12°36 | 5°12 | 23°45 | 0°50 | 22° 4 | 23°D37 | 24°47 | 27°17 | n.a. |
| W17 | 21 43 31 | 24° 4'17 | 8♁ 9 | 15° 8 | 24°38 | 27°36 | 12°32 | 5° 9 | 23°46 | 0°49 | 22° 3 | 23°38 | 24°44 | 27°24 | n.a. |
| T 18 | 21 47 27 | 25° 2'45 | 22°16 | 17° 2 | 25°50 | 27°53 | 12°28 | 5° 6 | 23°46 | 0°48 | 22° 2 | 23°R38 | 24°41 | 27°30 | n.a. |
| F 19 | 21 51 24 | 26° 1'15 | 6♄14 | 18°56 | 27° 3 | 28° 8 | 12°24 | 5° 3 | 23°47 | 0°48 | 22° 1 | 23°38 | 24°38 | 27°37 | n.a. |
| S 20 | 21 55 20 | 26°59'46 | 20° 0 | 20°50 | 28°16 | 28°23 | 12°20 | 5° 0 | 23°47 | 0°47 | 22° 0 | 23°36 | 24°35 | 27°44 | n.a. |
| S 21 | 21 59 17 | 27°58'19 | 3♄36 | 22°43 | 29°29 | 28°37 | 12°17 | 4°56 | 23°48 | 0°46 | 21°59 | 23°31 | 24°32 | 27°50 | n.a. |
| M22 | 22 3 13 | 28°56'54 | 17° 0 | 24°37 | 0♁42 | 28°51 | 12°14 | 4°53 | 23°48 | 0°45 | 21°58 | 23°24 | 24°28 | 27°57 | n.a. |
| T 23 | 22 7 10 | 29°55'30 | 0♁12 | 26°29 | 1°55 | 29° 4 | 12°11 | 4°50 | 23°49 | 0°45 | 21°57 | 23°16 | 24°25 | 28° 4 | n.a. |
| W24 | 22 11 7 | 0♁54'09 | 13°12 | 28°21 | 3° 8 | 29°16 | 12° 8 | 4°46 | 23°49 | 0°44 | 21°56 | 23° 6 | 24°22 | 28°10 | n.a. |
| T 25 | 22 15 3 | 1°52'49 | 25°57 | 0♁13 | 4°21 | 29°27 | 12° 5 | 4°42 | 23°49 | 0°44 | 21°55 | 22°57 | 24°19 | 28°17 | n.a. |
| F 26 | 22 19 0 | 2°51'31 | 8♃30 | 2° 3 | 5°35 | 29°38 | 12° 3 | 4°39 | 23°49 | 0°43 | 21°54 | 22°49 | 24°16 | 28°24 | n.a. |
| S 27 | 22 22 56 | 3°50'16 | 20°49 | 3°53 | 6°48 | 29°48 | 12° 1 | 4°35 | 23°50 | 0°43 | 21°53 | 22°43 | 24°12 | 28°30 | n.a. |
| S 28 | 22 26 53 | 4°49'02 | 2♃56 | 5°42 | 8° 1 | 29°57 | 11°59 | 4°31 | 23°50 | 0°42 | 21°51 | 22°38 | 24° 9 | 28°37 | n.a. |
| M29 | 22 30 49 | 5°47'51 | 14°53 | 7°30 | 9°15 | 0♄ 5 | 11°57 | 4°27 | 23°R50 | 0°42 | 21°50 | 22°36 | 24° 6 | 28°43 | n.a. |
| T 30 | 22 34 46 | 6°46'41 | 26°43 | 9°17 | 10°28 | 0°13 | 11°55 | 4°23 | 23°50 | 0°41 | 21°49 | 22°D36 | 24° 3 | 28°50 | n.a. |
| W31 | 22 38 42 | 7♁45'35 | 8♄30 | 11♁ 3 | 11♁42 | 0♄20 | 11♄54 | 4♃20 | 23♄50 | 0♄41 | 21♃48 | 22♃37 | 24♃ 0 | 28♃57 | n.a. |

Delta T = 01h59m12s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 348

SEPTEMBER 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|--------|-------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|------|
| T 1 | 22 42 39 | 8♍44'30 | 20♌18 | 12♍48 | 12♌56 | 0♌26 | 11°R52 | 4°R15 | 23°R50 | 0°R40 | 21°R47 | 22°Y38 | 23°Y57 | 29°Y 3 | n.a. |
| F 2 | 22 46 35 | 9°43'28 | 2♍13 | 14°32 | 14° 9 | 0°31 | 11°S51 | 4°Y11 | 23°S49 | 0°S40 | 21°K46 | 22°40 | 23°53 | 29°10 | n.a. |
| S 3 | 22 50 32 | 10°42'28 | 14°19 | 16°16 | 15°23 | 0°35 | 11°50 | 4° 7 | 23°49 | 0°40 | 21°45 | 22°R40 | 23°50 | 29°17 | n.a. |
| S 4 | 22 54 29 | 11°41'31 | 26°42 | 17°58 | 16°37 | 0°38 | 11°49 | 4° 3 | 23°49 | 0°39 | 21°44 | 22°39 | 23°47 | 29°23 | n.a. |
| M 5 | 22 58 25 | 12°40'36 | 9♌26 | 19°40 | 17°51 | 0°41 | 11°49 | 3°59 | 23°49 | 0°39 | 21°42 | 22°36 | 23°44 | 29°30 | n.a. |
| T 6 | 23 2 22 | 13°39'44 | 22°34 | 21°20 | 19° 5 | 0°43 | 11°49 | 3°54 | 23°48 | 0°39 | 21°41 | 22°31 | 23°41 | 29°37 | n.a. |
| W 7 | 23 6 18 | 14°38'54 | 6♌ 9 | 23° 0 | 20°19 | 0°R43 | 11°D49 | 3°50 | 23°48 | 0°39 | 21°40 | 22°25 | 23°37 | 29°43 | n.a. |
| T 8 | 23 10 15 | 15°38'06 | 20°10 | 24°39 | 21°33 | 0°43 | 11°49 | 3°46 | 23°47 | 0°39 | 21°39 | 22°20 | 23°34 | 29°50 | n.a. |
| F 9 | 23 14 11 | 16°37'20 | 4♍34 | 26°18 | 22°47 | 0°42 | 11°49 | 3°41 | 23°47 | 0°39 | 21°38 | 22°14 | 23°31 | 29°57 | n.a. |
| S 10 | 23 18 8 | 17°36'36 | 19°15 | 27°55 | 24° 1 | 0°40 | 11°49 | 3°37 | 23°46 | 0°39 | 21°37 | 22°10 | 23°28 | 0♌ 3 | n.a. |
| S 11 | 23 22 4 | 18°35'55 | 4♌ 6 | 29°31 | 25°15 | 0°38 | 11°50 | 3°32 | 23°46 | 0°39 | 21°35 | 22° 7 | 23°25 | 0°10 | n.a. |
| M12 | 23 26 1 | 19°35'15 | 19° 0 | 1♌ 7 | 26°30 | 0°34 | 11°51 | 3°27 | 23°45 | 0°D39 | 21°34 | 22°D 6 | 23°22 | 0°16 | n.a. |
| T 13 | 23 29 58 | 20°34'38 | 3♍48 | 2°42 | 27°44 | 0°29 | 11°52 | 3°23 | 23°44 | 0°39 | 21°33 | 22° 6 | 23°18 | 0°23 | n.a. |
| W14 | 23 33 54 | 21°34'02 | 18°25 | 4°17 | 28°58 | 0°24 | 11°53 | 3°18 | 23°43 | 0°39 | 21°32 | 22° 7 | 23°15 | 0°30 | n.a. |
| T 15 | 23 37 51 | 22°33'29 | 2♌45 | 5°50 | 0♍12 | 0°17 | 11°55 | 3°13 | 23°43 | 0°39 | 21°31 | 22° 9 | 23°12 | 0°36 | n.a. |
| F 16 | 23 41 47 | 23°32'57 | 16°48 | 7°23 | 1°27 | 0°10 | 11°56 | 3° 9 | 23°42 | 0°39 | 21°30 | 22°10 | 23° 9 | 0°43 | n.a. |
| S 17 | 23 45 44 | 24°32'27 | 0♌32 | 8°55 | 2°41 | 0° 2 | 11°58 | 3° 4 | 23°41 | 0°39 | 21°28 | 22°R10 | 23° 6 | 0°50 | n.a. |
| S 18 | 23 49 40 | 25°31'59 | 13°58 | 10°27 | 3°56 | 29°Y53 | 12° 0 | 2°59 | 23°40 | 0°39 | 21°27 | 22° 9 | 23° 3 | 0°56 | n.a. |
| M19 | 23 53 37 | 26°31'33 | 27° 7 | 11°57 | 5°10 | 29°43 | 12° 3 | 2°54 | 23°39 | 0°39 | 21°26 | 22° 6 | 22°59 | 1° 3 | n.a. |
| T 20 | 23 57 33 | 27°31'08 | 10♌ 0 | 13°27 | 6°25 | 29°33 | 12° 5 | 2°50 | 23°38 | 0°40 | 21°25 | 22° 3 | 22°56 | 1°10 | n.a. |
| W21 | 0 1 30 | 28°30'46 | 22°39 | 14°57 | 7°39 | 29°21 | 12° 8 | 2°45 | 23°37 | 0°40 | 21°24 | 21°59 | 22°53 | 1°16 | n.a. |
| T22 | 0 5 27 | 29°30'25 | 5♌ 6 | 16°25 | 8°54 | 29° 9 | 12°10 | 2°40 | 23°35 | 0°40 | 21°23 | 21°55 | 22°50 | 1°23 | n.a. |
| F 23 | 0 9 23 | 0♌30'06 | 17°22 | 17°53 | 10° 9 | 28°56 | 12°13 | 2°35 | 23°34 | 0°41 | 21°21 | 21°52 | 22°47 | 1°30 | n.a. |
| S 24 | 0 13 20 | 1°29'49 | 29°28 | 19°20 | 11°24 | 28°42 | 12°17 | 2°30 | 23°33 | 0°41 | 21°20 | 21°49 | 22°43 | 1°36 | n.a. |
| S 25 | 0 17 16 | 2°29'34 | 11°Y26 | 20°47 | 12°38 | 28°27 | 12°20 | 2°26 | 23°32 | 0°41 | 21°19 | 21°48 | 22°40 | 1°43 | n.a. |
| M26 | 0 21 13 | 3°29'21 | 23°18 | 22°13 | 13°53 | 28°12 | 12°24 | 2°21 | 23°30 | 0°42 | 21°18 | 21°D48 | 22°37 | 1°50 | n.a. |
| T27 | 0 25 9 | 4°29'11 | 5♌ 6 | 23°38 | 15° 8 | 27°55 | 12°27 | 2°16 | 23°29 | 0°42 | 21°17 | 21°48 | 22°34 | 1°56 | n.a. |
| W28 | 0 29 6 | 5°29'02 | 16°53 | 25° 2 | 16°23 | 27°39 | 12°31 | 2°11 | 23°28 | 0°43 | 21°16 | 21°49 | 22°31 | 2° 3 | n.a. |
| T29 | 0 33 2 | 6°28'56 | 28°42 | 26°25 | 17°38 | 27°21 | 12°35 | 2° 6 | 23°26 | 0°44 | 21°15 | 21°51 | 22°28 | 2° 9 | n.a. |
| F 30 | 0 36 59 | 7°28'52 | 10♍37 | 27°47 | 18°53 | 27°Y 3 | 12°40 | 2°Y 1 | 23°25 | 0°44 | 21°14 | 21°Y52 | 22°Y24 | 2°Y16 | n.a. |

Delta T = 01h59m11s Julian Calendar 1 Sept. 348 == Greg. Calendar 2 Sept. 348

OCTOBER 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|-------|------|
| S 1 | 0 40 56 | 8♌28'50 | 22♍43 | 29♌ 9 | 20♍ 8 | 26°R45 | 12°S44 | 1°R57 | 23°R23 | 0°S45 | 21°R12 | 21°Y53 | 22°Y21 | 28°23 | n.a. |
| S 2 | 0 44 52 | 9°28'51 | 5♌ 3 | 0♍29 | 21°23 | 26°Y26 | 12°49 | 1°Y52 | 23°S21 | 0°45 | 21°K11 | 21°R54 | 22°18 | 2°29 | n.a. |
| M 3 | 0 48 49 | 10°28'54 | 17°42 | 1°49 | 22°38 | 26° 6 | 12°54 | 1°47 | 23°20 | 0°46 | 21°10 | 21°54 | 22°15 | 2°36 | n.a. |
| T 4 | 0 52 45 | 11°28'59 | 0♌44 | 3° 7 | 23°53 | 25°46 | 12°59 | 1°42 | 23°18 | 0°47 | 21° 9 | 21°53 | 22°12 | 2°43 | n.a. |
| W 5 | 0 56 42 | 12°29'06 | 14°13 | 4°24 | 25° 8 | 25°25 | 13° 4 | 1°38 | 23°16 | 0°48 | 21° 8 | 21°52 | 22° 9 | 2°49 | n.a. |
| T 6 | 1 0 38 | 13°29'15 | 28° 9 | 5°39 | 26°23 | 25° 4 | 13° 9 | 1°33 | 23°15 | 0°48 | 21° 7 | 21°51 | 22° 5 | 2°56 | n.a. |
| F 7 | 1 4 35 | 14°29'27 | 12♍32 | 6°53 | 27°38 | 24°43 | 13°15 | 1°28 | 23°13 | 0°49 | 21° 6 | 21°50 | 22° 2 | 3° 3 | n.a. |
| S 8 | 1 8 31 | 15°29'40 | 27°18 | 8° 5 | 28°53 | 24°22 | 13°21 | 1°24 | 23°11 | 0°50 | 21° 5 | 21°49 | 21°59 | 3° 9 | n.a. |
| S 9 | 1 12 28 | 16°29'56 | 12♌20 | 9°16 | 0♌ 8 | 24° 0 | 13°27 | 1°19 | 23° 9 | 0°51 | 21° 4 | 21°49 | 21°56 | 3°16 | n.a. |
| M10 | 1 16 25 | 17°30'13 | 27°30 | 10°24 | 1°24 | 23°38 | 13°33 | 1°15 | 23° 7 | 0°52 | 21° 3 | 21°D49 | 21°53 | 3°23 | n.a. |
| T 11 | 1 20 21 | 18°30'32 | 12♍38 | 11°30 | 2°39 | 23°16 | 13°39 | 1°10 | 23° 5 | 0°53 | 21° 2 | 21°49 | 21°49 | 3°29 | n.a. |
| W12 | 1 24 18 | 19°30'53 | 27°37 | 12°33 | 3°54 | 22°55 | 13°45 | 1° 6 | 23° 3 | 0°54 | 21° 1 | 21°49 | 21°46 | 3°36 | n.a. |
| T 13 | 1 28 14 | 20°31'16 | 12♌17 | 13°33 | 5° 9 | 22°33 | 13°52 | 1° 1 | 23° 1 | 0°55 | 21° 0 | 21°50 | 21°43 | 3°43 | n.a. |
| F 14 | 1 32 11 | 21°31'40 | 26°34 | 14°30 | 6°25 | 22°11 | 13°59 | 0°57 | 22°59 | 0°56 | 20°59 | 21°R50 | 21°40 | 3°49 | n.a. |
| S 15 | 1 36 7 | 22°32'06 | 10♌27 | 15°24 | 7°40 | 21°49 | 14° 5 | 0°53 | 22°57 | 0°57 | 20°58 | 21°50 | 21°37 | 3°56 | n.a. |
| S 16 | 1 40 4 | 23°32'33 | 23°54 | 16°13 | 8°55 | 21°27 | 14°12 | 0°48 | 22°55 | 0°58 | 20°57 | 21°D50 | 21°34 | 4° 2 | n.a. |
| M17 | 1 44 0 | 24°33'01 | 6♌58 | 16°58 | 10°11 | 21° 6 | 14°20 | 0°44 | 22°53 | 0°59 | 20°56 | 21°50 | 21°30 | 4° 9 | n.a. |
| T 18 | 1 47 57 | 25°33'31 | 19°42 | 17°37 | 11°26 | 20°45 | 14°27 | 0°40 | 22°51 | 1° 0 | 20°55 | 21°50 | 21°27 | 4°16 | n.a. |
| W19 | 1 51 54 | 26°34'02 | 2♌ 9 | 18°11 | 12°41 | 20°24 | 14°35 | 0°36 | 22°49 | 1° 2 | 20°54 | 21°50 | 21°24 | 4°22 | n.a. |
| T 20 | 1 55 50 | 27°34'34 | 14°22 | 18°38 | 13°57 | 20° 4 | 14°42 | 0°32 | 22°46 | 1° 3 | 20°53 | 21°51 | 21°21 | 4°29 | n.a. |
| F 21 | 1 59 47 | 28°35'08 | 26°25 | 18°57 | 15°12 | 19°44 | 14°50 | 0°28 | 22°44 | 1° 4 | 20°52 | 21°52 | 21°18 | 4°36 | n.a. |
| S 22 | 2 3 43 | 29°35'43 | 8°Y21 | 19° 9 | 16°27 | 19°24 | 14°58 | 0°24 | 22°42 | 1° 5 | 20°51 | 21°52 | 21°14 | 4°42 | n.a. |
| S 23 | 2 7 40 | 0♍36'20 | 20°12 | 19°R12 | 17°43 | 19° 5 | 15° 6 | 0°20 | 22°40 | 1° 7 | 20°50 | 21°R52 | 21°11 | 4°49 | n.a. |
| M24 | 2 11 36 | 1°36'58 | 2♌ 0 | 19° 6 | 18°58 | 18°47 | 15°14 | 0°16 | 22°37 | 1° 8 | 20°50 | 21°52 | 21° 8 | 4°56 | n.a. |
| T 25 | 2 15 33 | 2°37'38 | 13°48 | 18°49 | 20°14 | 18°29 | 15°23 | 0°13 | 22°35 | 1° 9 | 20°49 | 21°51 | 21° 5 | 5° 2 | n.a. |
| W26 | 2 19 29 | 3°38'19 | 25°38 | 18°23 | 21°29 | 18°11 | 15°31 | 0° 9 | 22°33 | 1°11 | 20°48 | 21°50 | 21° 2 | 5° 9 | n.a. |
| T 27 | 2 23 26 | 4°39'02 | 7♍32 | 17°45 | 22°45 | 17°54 | 15°40 | 0° 5 | 22°30 | 1°12 | 20°47 | 21°48 | 20°59 | 5°16 | n.a. |
| F 28 | 2 27 23 | 5°39'47 | 19°32 | 16°57 | 24° 0 | 17°38 | 15°49 | 0° 2 | 22°28 | 1°14 | 20°46 | 21°46 | 20°55 | 5°22 | n.a. |
| S 29 | 2 31 19 | 6°40'33 | 1♌41 | 15°59 | 25°16 | 17°23 | 15°58 | 29°K59 | 22°25 | 1°15 | 20°46 | 21°44 | 20°52 | 5°29 | n.a. |
| S 30 | 2 35 16 | 7°41'21 | 14° 3 | 14°52 | 26°31 | 17° 8 | 16° 7 | 29°55 | 22°23 | 1°17 | 20°45 | 21°42 | 20°49 | 5°36 | n.a. |
| M31 | 2 39 12 | 8♍42'10 | 26♌40 | 13♍38 | 27°47 | 16°Y54 | 16°S16 | 29°K52 | 22°S21 | 1°S18 | 20°K44 | 21°Y41 | 20°Y46 | 5°K42 | n.a. |

Delta T = 01h59m10s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 348

NOVEMBER 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|--------|-------|--------|--------|------|--------|--------|--------|------|------|
| T 1 | 2 43 9 | 9♉43'01 | 9♏37 | 12°R19 | 29♌2 | 16°R40 | 16♊25 | 29°R49 | 22°R18 | 1♊20 | 20°R43 | 21°Y40 | 20°Y43 | 5♄49 | n.a. |
| W 2 | 2 47 5 | 10°43'53 | 22°55 | 10♉57 | 0♉18 | 16°Y28 | 16°35 | 29°X46 | 22°B16 | 1°21 | 20°X43 | 21°41 | 20°40 | 5°56 | n.a. |
| T 3 | 2 51 2 | 11°44'47 | 6♉39 | 9°35 | 1°33 | 16°16 | 16°44 | 29°43 | 22°13 | 1°23 | 20°42 | 21°42 | 20°36 | 6° 2 | n.a. |
| F 4 | 2 54 58 | 12°45'42 | 20°48 | 8°16 | 2°49 | 16° 5 | 16°54 | 29°40 | 22°11 | 1°25 | 20°41 | 21°43 | 20°33 | 6° 9 | n.a. |
| S 5 | 2 58 55 | 13°46'39 | 5♌21 | 7° 2 | 4° 4 | 15°54 | 17° 4 | 29°37 | 22° 8 | 1°26 | 20°41 | 21°45 | 20°30 | 6°15 | n.a. |
| S 6 | 3 2 52 | 14°47'37 | 20°16 | 5°56 | 5°20 | 15°45 | 17°14 | 29°35 | 22° 6 | 1°28 | 20°40 | 21°R45 | 20°27 | 6°22 | n.a. |
| M 7 | 3 6 48 | 15°48'37 | 5♉25 | 4°59 | 6°36 | 15°36 | 17°24 | 29°32 | 22° 3 | 1°30 | 20°40 | 21°45 | 20°24 | 6°29 | n.a. |
| T 8 | 3 10 45 | 16°49'37 | 20°39 | 4°12 | 7°51 | 15°29 | 17°34 | 29°30 | 22° 1 | 1°31 | 20°39 | 21°43 | 20°20 | 6°35 | n.a. |
| W 9 | 3 14 41 | 17°50'39 | 5♌48 | 3°37 | 9° 7 | 15°22 | 17°44 | 29°27 | 21°58 | 1°33 | 20°38 | 21°40 | 20°17 | 6°42 | n.a. |
| T 10 | 3 18 38 | 18°51'42 | 20°43 | 3°14 | 10°22 | 15°15 | 17°55 | 29°25 | 21°55 | 1°35 | 20°38 | 21°36 | 20°14 | 6°49 | n.a. |
| F 11 | 3 22 34 | 19°52'45 | 5♊16 | 3° 2 | 11°38 | 15°10 | 18° 5 | 29°23 | 21°53 | 1°37 | 20°37 | 21°32 | 20°11 | 6°55 | n.a. |
| S 12 | 3 26 31 | 20°53'49 | 19°22 | 3°D 0 | 12°53 | 15° 6 | 18°16 | 29°21 | 21°50 | 1°39 | 20°37 | 21°28 | 20° 8 | 7° 2 | n.a. |
| S 13 | 3 30 27 | 21°54'54 | 2♉59 | 3° 9 | 14° 9 | 15° 2 | 18°27 | 29°19 | 21°48 | 1°40 | 20°36 | 21°25 | 20° 5 | 7° 9 | n.a. |
| M14 | 3 34 24 | 22°55'59 | 16° 8 | 3°27 | 15°25 | 14°59 | 18°37 | 29°17 | 21°45 | 1°42 | 20°36 | 21°24 | 20° 1 | 7°15 | n.a. |
| T 15 | 3 38 21 | 23°57'05 | 28°52 | 3°53 | 16°40 | 14°57 | 18°48 | 29°15 | 21°43 | 1°44 | 20°35 | 21°D24 | 19°58 | 7°22 | n.a. |
| W16 | 3 42 17 | 24°58'11 | 11♉15 | 4°27 | 17°56 | 14°56 | 18°59 | 29°13 | 21°40 | 1°46 | 20°35 | 21°25 | 19°55 | 7°29 | n.a. |
| T 17 | 3 46 14 | 25°59'18 | 23°23 | 5° 8 | 19°11 | 14°D56 | 19°11 | 29°12 | 21°38 | 1°48 | 20°35 | 21°26 | 19°52 | 7°35 | n.a. |
| F 18 | 3 50 10 | 27° 0'25 | 5♉19 | 5°55 | 20°27 | 14°56 | 19°22 | 29°10 | 21°35 | 1°50 | 20°34 | 21°28 | 19°49 | 7°42 | n.a. |
| S 19 | 3 54 7 | 28° 1'33 | 17° 9 | 6°47 | 21°42 | 14°57 | 19°33 | 29° 9 | 21°33 | 1°52 | 20°34 | 21°R29 | 19°46 | 7°49 | n.a. |
| S 20 | 3 58 3 | 29° 2'41 | 28°56 | 7°44 | 22°58 | 14°59 | 19°45 | 29° 8 | 21°30 | 1°54 | 20°34 | 21°29 | 19°42 | 7°55 | n.a. |
| M21 | 4 2 0 | 0♌3 3'49 | 10♉43 | 8°45 | 24°14 | 15° 2 | 19°56 | 29° 7 | 21°28 | 1°56 | 20°33 | 21°27 | 19°39 | 8° 2 | n.a. |
| T 22 | 4 5 56 | 1° 4'58 | 22°34 | 9°50 | 25°29 | 15° 5 | 20° 8 | 29° 6 | 21°25 | 1°58 | 20°33 | 21°23 | 19°36 | 8° 9 | n.a. |
| W23 | 4 9 53 | 2° 6'08 | 4♉30 | 10°58 | 26°45 | 15°10 | 20°20 | 29° 5 | 21°23 | 2° 0 | 20°33 | 21°17 | 19°33 | 8°15 | n.a. |
| T 24 | 4 13 50 | 3° 7'18 | 16°34 | 12° 9 | 28° 0 | 15°15 | 20°31 | 29° 4 | 21°20 | 2° 2 | 20°32 | 21° 9 | 19°30 | 8°22 | n.a. |
| F 25 | 4 17 46 | 4° 8'29 | 28°45 | 13°22 | 29°16 | 15°20 | 20°43 | 29° 3 | 21°18 | 2° 4 | 20°32 | 21° 1 | 19°26 | 8°29 | n.a. |
| S 26 | 4 21 43 | 5° 9'40 | 11♉6 | 14°37 | 0♌31 | 15°27 | 20°55 | 29° 3 | 21°15 | 2° 6 | 20°32 | 20°53 | 19°23 | 8°35 | n.a. |
| S 27 | 4 25 39 | 6°10'52 | 23°38 | 15°54 | 1°47 | 15°34 | 21° 7 | 29° 2 | 21°13 | 2° 8 | 20°32 | 20°45 | 19°20 | 8°42 | n.a. |
| M28 | 4 29 36 | 7°12'04 | 6♉22 | 17°12 | 3° 2 | 15°41 | 21°20 | 29° 2 | 21°10 | 2°10 | 20°32 | 20°39 | 19°17 | 8°48 | n.a. |
| T 29 | 4 33 32 | 8°13'17 | 19°20 | 18°33 | 4°18 | 15°50 | 21°32 | 29° 2 | 21° 8 | 2°12 | 20°32 | 20°35 | 19°14 | 8°55 | n.a. |
| W30 | 4 37 29 | 9♌14'30 | 2♉35 | 19♉54 | 5♌33 | 15°Y59 | 21♉44 | 29°X 2 | 21°B 5 | 2♉14 | 20°X32 | 20°Y33 | 19°Y11 | 9♄ 2 | n.a. |

Delta T = 01h59m09s Julian Calendar 1 Nov. 348 == Greg. Calendar 2 Nov. 348

DECEMBER 348 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|--------|-------|--------|--------|------|--------|--------|--------|-------|------|
| T 1 | 4 41 25 | 10♌15'44 | 16♉9 | 21♉16 | 6♌49 | 16°Y 8 | 21♉56 | 29°X 2 | 21°R 3 | 2♉17 | 20°R31 | 20°Y33 | 19°Y 7 | 9♄ 8 | n.a. |
| F 2 | 4 45 22 | 11°16'58 | 0♌2 | 22°40 | 8° 5 | 16°19 | 22° 9 | 29° 2 | 21°B 1 | 2°19 | 20°X31 | 20°34 | 19° 4 | 9°15 | n.a. |
| S 3 | 4 49 19 | 12°18'13 | 14°17 | 24° 4 | 9°20 | 16°30 | 22°22 | 29° 2 | 20°58 | 2°21 | 20°31 | 20°R35 | 19° 1 | 9°22 | n.a. |
| S 4 | 4 53 15 | 13°19'28 | 28°51 | 25°30 | 10°36 | 16°41 | 22°34 | 29° 2 | 20°56 | 2°23 | 20°D31 | 20°35 | 18°58 | 9°28 | n.a. |
| M 5 | 4 57 12 | 14°20'43 | 13♉41 | 26°56 | 11°51 | 16°53 | 22°47 | 29° 3 | 20°54 | 2°25 | 20°31 | 20°32 | 18°55 | 9°35 | n.a. |
| T 6 | 5 1 8 | 15°21'59 | 28°41 | 28°23 | 13° 7 | 17° 6 | 23° 0 | 29° 3 | 20°52 | 2°27 | 20°31 | 20°28 | 18°52 | 9°42 | n.a. |
| W 7 | 5 5 5 | 16°23'15 | 13♌43 | 29°50 | 14°22 | 17°19 | 23°12 | 29° 4 | 20°49 | 2°30 | 20°31 | 20°21 | 18°48 | 9°48 | n.a. |
| T 8 | 5 9 1 | 17°24'31 | 28°37 | 1♌18 | 15°38 | 17°33 | 23°25 | 29° 5 | 20°47 | 2°32 | 20°32 | 20°12 | 18°45 | 9°55 | n.a. |
| F 9 | 5 12 58 | 18°25'46 | 13♉13 | 2°46 | 16°53 | 17°48 | 23°38 | 29° 6 | 20°45 | 2°34 | 20°32 | 20° 2 | 18°42 | 10° 2 | n.a. |
| S 10 | 5 16 55 | 19°27'02 | 27°26 | 4°15 | 18° 9 | 18° 2 | 23°51 | 29° 7 | 20°43 | 2°36 | 20°32 | 19°52 | 18°39 | 10° 8 | n.a. |
| S 11 | 5 20 51 | 20°28'17 | 11♉11 | 5°45 | 19°24 | 18°18 | 24° 4 | 29° 8 | 20°41 | 2°39 | 20°32 | 19°44 | 18°36 | 10°15 | n.a. |
| M12 | 5 24 48 | 21°29'31 | 24°27 | 7°15 | 20°40 | 18°34 | 24°18 | 29° 9 | 20°39 | 2°41 | 20°32 | 19°38 | 18°32 | 10°22 | n.a. |
| T 13 | 5 28 44 | 22°30'45 | 7♉17 | 8°45 | 21°55 | 18°50 | 24°31 | 29°10 | 20°36 | 2°43 | 20°32 | 19°35 | 18°29 | 10°28 | n.a. |
| W14 | 5 32 41 | 23°31'58 | 19°43 | 10°16 | 23°11 | 19° 7 | 24°44 | 29°12 | 20°34 | 2°45 | 20°33 | 19°D34 | 18°26 | 10°35 | n.a. |
| T 15 | 5 36 37 | 24°33'10 | 1°Y51 | 11°48 | 24°26 | 19°25 | 24°57 | 29°13 | 20°32 | 2°47 | 20°33 | 19°34 | 18°23 | 10°42 | n.a. |
| F 16 | 5 40 34 | 25°34'22 | 13°47 | 13°19 | 25°42 | 19°43 | 25°11 | 29°15 | 20°30 | 2°50 | 20°33 | 19°R34 | 18°20 | 10°48 | n.a. |
| S 17 | 5 44 30 | 26°35'34 | 25°35 | 14°52 | 26°57 | 20° 1 | 25°24 | 29°17 | 20°29 | 2°52 | 20°33 | 19°34 | 18°17 | 10°55 | n.a. |
| S 18 | 5 48 27 | 27°36'44 | 7♄22 | 16°25 | 28°12 | 20°20 | 25°38 | 29°19 | 20°27 | 2°54 | 20°34 | 19°33 | 18°13 | 11° 2 | n.a. |
| M19 | 5 52 24 | 28°37'54 | 19°11 | 17°58 | 29°28 | 20°39 | 25°51 | 29°21 | 20°25 | 2°57 | 20°34 | 19°28 | 18°10 | 11° 8 | n.a. |
| T 20 | 5 56 20 | 29°39'03 | 1♉6 | 19°32 | 0♉43 | 20°58 | 26° 5 | 29°23 | 20°23 | 2°59 | 20°34 | 19°21 | 18° 7 | 11°15 | n.a. |
| W21 | 6 0 17 | 0♌40'12 | 13°10 | 21° 6 | 1°59 | 21°18 | 26°19 | 29°25 | 20°21 | 3° 1 | 20°35 | 19°12 | 18° 4 | 11°22 | n.a. |
| T 22 | 6 4 13 | 1°41'20 | 25°25 | 22°41 | 3°14 | 21°39 | 26°32 | 29°27 | 20°19 | 3° 3 | 20°35 | 19° 0 | 18° 1 | 11°28 | n.a. |
| F 23 | 6 8 10 | 2°42'27 | 7♄51 | 24°16 | 4°29 | 21°59 | 26°46 | 29°30 | 20°18 | 3° 6 | 20°36 | 18°46 | 17°58 | 11°35 | n.a. |
| S 24 | 6 12 6 | 3°43'34 | 20°30 | 25°52 | 5°45 | 22°21 | 27° 0 | 29°32 | 20°16 | 3° 8 | 20°36 | 18°33 | 17°54 | 11°42 | n.a. |
| S 25 | 6 16 3 | 4°44'40 | 3♉20 | 27°28 | 7° 0 | 22°42 | 27°14 | 29°35 | 20°14 | 3°10 | 20°36 | 18°20 | 17°51 | 11°48 | n.a. |
| M26 | 6 19 59 | 5°45'45 | 16°22 | 29° 5 | 8°16 | 23° 4 | 27°27 | 29°38 | 20°13 | 3°12 | 20°37 | 18°10 | 17°48 | 11°55 | n.a. |
| T 27 | 6 23 56 | 6°46'49 | 29°34 | 0♌42 | 9°31 | 23°26 | 27°41 | 29°40 | 20°11 | 3°15 | 20°37 | 18° 2 | 17°45 | 12° 2 | n.a. |
| W28 | 6 27 53 | 7°47'53 | 12♉57 | 2°20 | 10°46 | 23°49 | 27°55 | 29°43 | 20°10 | 3°17 | 20°38 | 17°57 | 17°42 | 12° 8 | n.a. |
| T 29 | 6 31 49 | 8°48'57 | 26°33 | 3°59 | 12° 2 | 24°12 | 28° 9 | 29°46 | 20° 8 | 3°19 | 20°39 | 17°55 | 17°38 | 12°15 | n.a. |
| F 30 | 6 35 46 | 9°49'59 | 10♌21 | 5°38 | 13°17 | 24°35 | 28°23 | 29°50 | 20° 7 | 3°22 | 20°39 | 17°55 | 17°35 | 12°22 | n.a. |
| S 31 | 6 39 42 | 10♌51'02 | 24♌22 | 7♄18 | 14♌32 | 24°Y58 | 28♄37 | 29°X53 | 20°B 6 | 3♄24 | 20°X40 | 17°Y55 | 17°Y32 | 12♄28 | n.a. |

Delta T = 01h59m08s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]