

SWISS EPHEMERIS for the year 823

JANUARY 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|-------|-------|--------|-------|-------|--------|-------|-------|------|--------|-------|-------|------|---|---|---|---|---|---|---|---|
| T 1 | 6 56 5 | 14☾46'19 | 16☽8 | 17☾26 | 28°R 8 | 9♁31 | 22☾26 | 10°R34 | 27☾3 | 27♁38 | 4♃44 | 0°R15 | 29♁26 | 10♂58 | 4♄3 | | | | | | | | |
| F 2 | 7 0 1 | 15°47'21 | 1♁4 | 19°9 | 27♂46 | 9°47 | 22°41 | 10♁33 | 27°6 | 27°39 | 4°45 | 0♁3 | 29°23 | 11°5 | 4°8 | | | | | | | | |
| S 3 | 7 3 58 | 16°48'22 | 15°40 | 20°52 | 27°26 | 10°4 | 22°55 | 10°33 | 27°10 | 27°41 | 4°46 | 29♁52 | 29°20 | 11°11 | 4°14 | | | | | | | | |
| S 4 | 7 7 55 | 17°49'23 | 29°50 | 22°36 | 27°8 | 10°22 | 23°9 | 10°32 | 27°13 | 27°42 | 4°47 | 29°42 | 29°17 | 11°18 | 4°20 | | | | | | | | |
| M 5 | 7 11 51 | 18°50'23 | 13♁30 | 24°20 | 26°53 | 10°40 | 23°23 | 10°32 | 27°16 | 27°44 | 4°49 | 29°36 | 29°14 | 11°25 | 4°25 | | | | | | | | |
| T 6 | 7 15 48 | 19°51'22 | 26°41 | 26°5 | 26°40 | 10°58 | 23°38 | 10°32 | 27°20 | 27°46 | 4°50 | 29°31 | 29°10 | 11°31 | 4°31 | | | | | | | | |
| W 7 | 7 19 44 | 20°52'21 | 9♁25 | 27°50 | 26°30 | 11°17 | 23°52 | 10°31 | 27°23 | 27°47 | 4°51 | 29°29 | 29°7 | 11°38 | 4°36 | | | | | | | | |
| T 8 | 7 23 41 | 21°53'18 | 21°47 | 29°35 | 26°22 | 11°36 | 24°6 | 10°D31 | 27°27 | 27°49 | 4°52 | 29°29 | 29°4 | 11°45 | 4°42 | | | | | | | | |
| F 9 | 7 27 37 | 22°54'15 | 3♁52 | 1♁21 | 26°17 | 11°55 | 24°20 | 10°32 | 27°30 | 27°50 | 4°53 | 29°29 | 29°1 | 11°51 | 4°47 | | | | | | | | |
| S 10 | 7 31 34 | 23°55'11 | 15°47 | 3°7 | 26°14 | 12°15 | 24°35 | 10°32 | 27°34 | 27°52 | 4°55 | 29°28 | 28°58 | 11°58 | 4°53 | | | | | | | | |
| S 11 | 7 35 30 | 24°56'07 | 27°35 | 4°53 | 26°D14 | 12°36 | 24°49 | 10°32 | 27°37 | 27°53 | 4°56 | 29°25 | 28°55 | 12°5 | 4°58 | | | | | | | | |
| M12 | 7 39 27 | 25°57'01 | 9♁22 | 6°38 | 26°16 | 12°56 | 25°3 | 10°33 | 27°41 | 27°55 | 4°57 | 29°20 | 28°51 | 12°11 | 5°4 | | | | | | | | |
| T13 | 7 43 24 | 26°57'54 | 21°13 | 8°24 | 26°20 | 13°17 | 25°17 | 10°33 | 27°44 | 27°56 | 4°58 | 29°12 | 28°48 | 12°18 | 5°9 | | | | | | | | |
| W14 | 7 47 20 | 27°58'47 | 3♁9 | 10°9 | 26°27 | 13°39 | 25°32 | 10°34 | 27°48 | 27°57 | 5°0 | 29°1 | 28°45 | 12°25 | 5°15 | | | | | | | | |
| T15 | 7 51 17 | 28°59'38 | 15°14 | 11°53 | 26°36 | 14°0 | 25°46 | 10°35 | 27°51 | 27°59 | 5°1 | 28°47 | 28°42 | 12°32 | 5°20 | | | | | | | | |
| F16 | 7 55 13 | 0♁28 | 27°29 | 13°36 | 26°48 | 14°22 | 26°0 | 10°35 | 27°55 | 28°0 | 5°2 | 28°32 | 28°39 | 12°38 | 5°25 | | | | | | | | |
| S17 | 7 59 10 | 1°1'16 | 9♁54 | 15°18 | 27°1 | 14°45 | 26°15 | 10°36 | 27°58 | 28°1 | 5°4 | 28°18 | 28°35 | 12°45 | 5°31 | | | | | | | | |
| S18 | 8 3 6 | 2°2'03 | 22°30 | 16°58 | 27°17 | 15°8 | 26°29 | 10°38 | 28°2 | 28°2 | 5°5 | 28°5 | 28°32 | 12°52 | 5°36 | | | | | | | | |
| M19 | 8 7 3 | 3°2'49 | 5♁17 | 18°36 | 27°35 | 15°31 | 26°43 | 10°39 | 28°5 | 28°4 | 5°6 | 27°54 | 28°29 | 12°58 | 5°41 | | | | | | | | |
| T20 | 8 10 59 | 4°3'33 | 18°14 | 20°12 | 27°54 | 15°54 | 26°57 | 10°40 | 28°9 | 28°5 | 5°8 | 27°46 | 28°26 | 13°5 | 5°46 | | | | | | | | |
| W21 | 8 14 56 | 5°4'15 | 1♀23 | 21°44 | 28°16 | 16°18 | 27°12 | 10°42 | 28°12 | 28°6 | 5°9 | 27°41 | 28°23 | 13°12 | 5°52 | | | | | | | | |
| T22 | 8 18 53 | 6°4'56 | 14°44 | 23°12 | 28°39 | 16°42 | 27°26 | 10°43 | 28°16 | 28°7 | 5°10 | 27°39 | 28°20 | 13°18 | 5°57 | | | | | | | | |
| F23 | 8 22 49 | 7°5'35 | 28°18 | 24°36 | 29°4 | 17°6 | 27°40 | 10°45 | 28°19 | 28°8 | 5°12 | 27°D38 | 28°16 | 13°25 | 6°2 | | | | | | | | |
| S24 | 8 26 46 | 8°6'12 | 12♁8 | 25°54 | 29°31 | 17°30 | 27°54 | 10°47 | 28°23 | 28°9 | 5°13 | 27°R38 | 28°13 | 13°32 | 6°7 | | | | | | | | |
| S25 | 8 30 42 | 9°6'47 | 26°13 | 27°7 | 29°59 | 17°55 | 28°8 | 10°49 | 28°26 | 28°10 | 5°15 | 27°37 | 28°10 | 13°38 | 6°12 | | | | | | | | |
| M26 | 8 34 39 | 10°7'21 | 10♁34 | 28°14 | 0♁29 | 18°20 | 28°23 | 10°51 | 28°30 | 28°11 | 5°16 | 27°35 | 28°7 | 13°45 | 6°17 | | | | | | | | |
| T27 | 8 38 35 | 11°7'52 | 25°8 | 29°13 | 1°0 | 18°46 | 28°37 | 10°53 | 28°33 | 28°12 | 5°17 | 27°29 | 28°4 | 13°52 | 6°22 | | | | | | | | |
| W28 | 8 42 32 | 12°8'22 | 9♁50 | 0♁4 | 1°33 | 19°11 | 28°51 | 10°55 | 28°37 | 28°13 | 5°19 | 27°21 | 28°1 | 13°58 | 6°27 | | | | | | | | |
| T29 | 8 46 28 | 13°8'50 | 24°34 | 0°47 | 2°8 | 19°37 | 29°5 | 10°57 | 28°40 | 28°14 | 5°20 | 27°10 | 27°57 | 14°5 | 6°32 | | | | | | | | |
| F30 | 8 50 25 | 14°9'16 | 9♁12 | 1°21 | 2°43 | 20°3 | 29°19 | 11°0 | 28°43 | 28°15 | 5°22 | 26°59 | 27°54 | 14°12 | 6°37 | | | | | | | | |
| S31 | 8 54 22 | 15♁9'41 | 23♁35 | 1♁45 | 3♁20 | 20♁29 | 29♁33 | 11♁2 | 28♁47 | 28♁16 | 5♁23 | 26♁48 | 27♁51 | 14♁19 | 6♁41 | | | | | | | | |

Delta T = 46m25s

Julian Calendar 1 Jan. 823 == Greg. Calendar 5 Jan. 823

FEBRUARY 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|-----|----------|----------|-------|--------|-------|-------|-------|-------|-------|--------|------|--------|-------|-------|------|---|---|---|---|---|---|---|---|
| S 1 | 8 58 18 | 16♁10'03 | 7♁38 | 2♁0 | 3♁59 | 20♁56 | 29♁47 | 11♁5 | 28♁50 | 28♁17 | 5♁25 | 26°R38 | 27♁48 | 14♁25 | 6♁46 | | | | | | | | |
| M 2 | 9 2 15 | 17°10'24 | 21°17 | 2°R 4 | 4°38 | 21°22 | 0♁1 | 11°8 | 28°54 | 28°17 | 5°26 | 26♁31 | 27°45 | 14°32 | 6°51 | | | | | | | | |
| T 3 | 9 6 11 | 18°10'44 | 4♁30 | 1°59 | 5°19 | 21°49 | 0°15 | 11°11 | 28°57 | 28°18 | 5°28 | 26°26 | 27°41 | 14°39 | 6°56 | | | | | | | | |
| W 4 | 9 10 8 | 19°11'01 | 17°18 | 1°44 | 6°1 | 22°16 | 0°29 | 11°14 | 29°0 | 28°19 | 5°29 | 26°24 | 27°38 | 14°45 | 7°0 | | | | | | | | |
| T 5 | 9 14 4 | 20°11'18 | 29°44 | 1°20 | 6°43 | 22°44 | 0°43 | 11°17 | 29°4 | 28°20 | 5°31 | 26°D23 | 27°35 | 14°52 | 7°5 | | | | | | | | |
| F 6 | 9 18 1 | 21°11'32 | 11♁53 | 0°47 | 7°27 | 23°11 | 0°57 | 11°20 | 29°7 | 28°20 | 5°32 | 26°24 | 27°32 | 14°59 | 7°9 | | | | | | | | |
| S 7 | 9 21 57 | 22°11'46 | 23°50 | 0°6 | 8°12 | 23°39 | 1°10 | 11°23 | 29°10 | 28°21 | 5°34 | 26°R24 | 27°29 | 15°5 | 7°14 | | | | | | | | |
| S 8 | 9 25 54 | 23°11'57 | 5♁41 | 29♁18 | 8°58 | 24°7 | 1°24 | 11°27 | 29°14 | 28°21 | 5°35 | 26°23 | 27°26 | 15°12 | 7°18 | | | | | | | | |
| M 9 | 9 29 51 | 24°12'07 | 17°30 | 28°25 | 9°44 | 24°35 | 1°38 | 11°30 | 29°17 | 28°22 | 5°37 | 26°20 | 27°22 | 15°19 | 7°23 | | | | | | | | |
| T10 | 9 33 47 | 25°12'16 | 29°23 | 27°27 | 10°32 | 25°3 | 1°52 | 11°34 | 29°20 | 28°23 | 5°38 | 26°15 | 27°19 | 15°25 | 7°27 | | | | | | | | |
| W11 | 9 37 44 | 26°12'22 | 11♁24 | 26°27 | 11°20 | 25°32 | 2°5 | 11°37 | 29°23 | 28°23 | 5°40 | 26°7 | 27°16 | 15°32 | 7°31 | | | | | | | | |
| T12 | 9 41 40 | 27°12'27 | 23°36 | 25°25 | 12°10 | 26°0 | 2°19 | 11°41 | 29°27 | 28°23 | 5°41 | 25°58 | 27°13 | 15°39 | 7°36 | | | | | | | | |
| F13 | 9 45 37 | 28°12'31 | 6♁1 | 24°24 | 12°59 | 26°29 | 2°33 | 11°45 | 29°30 | 28°24 | 5°43 | 25°47 | 27°10 | 15°45 | 7°40 | | | | | | | | |
| S14 | 9 49 33 | 29°12'32 | 18°40 | 23°24 | 13°50 | 26°58 | 2°46 | 11°49 | 29°33 | 28°24 | 5°45 | 25°36 | 27°6 | 15°52 | 7°44 | | | | | | | | |
| S15 | 9 53 30 | 0♁12'31 | 1♁34 | 22°27 | 14°41 | 27°27 | 3°0 | 11°53 | 29°36 | 28°25 | 5°46 | 25°26 | 27°3 | 15°59 | 7°48 | | | | | | | | |
| M16 | 9 57 26 | 1°12'29 | 14°42 | 21°34 | 15°33 | 27°56 | 3°13 | 11°57 | 29°39 | 28°25 | 5°48 | 25°18 | 27°0 | 16°6 | 7°52 | | | | | | | | |
| T17 | 10 1 23 | 2°12'24 | 28°2 | 20°45 | 16°26 | 28°26 | 3°27 | 12°1 | 29°42 | 28°25 | 5°49 | 25°12 | 26°57 | 16°12 | 7°56 | | | | | | | | |
| W18 | 10 5 19 | 3°12'17 | 11♀33 | 20°2 | 17°19 | 28°55 | 3°40 | 12°5 | 29°45 | 28°25 | 5°51 | 25°9 | 26°54 | 16°19 | 8°0 | | | | | | | | |
| T19 | 10 9 16 | 4°12'08 | 25°13 | 19°25 | 18°13 | 29°25 | 3°53 | 12°10 | 29°48 | 28°26 | 5°52 | 25°D 8 | 26°51 | 16°26 | 8°4 | | | | | | | | |
| F20 | 10 13 13 | 5°11'57 | 9♁2 | 18°53 | 19°8 | 29°55 | 4°7 | 12°14 | 29°51 | 28°26 | 5°54 | 25°9 | 26°47 | 16°32 | 8°8 | | | | | | | | |
| S21 | 10 17 9 | 6°11'43 | 22°59 | 18°29 | 20°3 | 0♁25 | 4°20 | 12°19 | 29°54 | 28°26 | 5°55 | 25°10 | 26°44 | 16°39 | 8°11 | | | | | | | | |
| S22 | 10 21 6 | 7°11'27 | 7♁3 | 18°10 | 20°58 | 0°55 | 4°33 | 12°24 | 29°57 | 28°26 | 5°57 | 25°R11 | 26°41 | 16°46 | 8°15 | | | | | | | | |
| M23 | 10 25 2 | 8°11'09 | 21°13 | 17°58 | 21°54 | 1°26 | 4°46 | 12°28 | 0♁0 | 28°26 | 5°59 | 25°10 | 26°38 | 16°52 | 8°19 | | | | | | | | |
| T24 | 10 28 59 | 9°10'49 | 5♁29 | 17°D53 | 22°51 | 1°56 | 4°59 | 12°33 | 0°3 | 28°26 | 6°0 | 25°7 | 26°35 | 16°59 | 8°22 | | | | | | | | |
| W25 | 10 32 55 | 10°10'26 | 19°46 | 17°53 | 23°48 | 2°27 | 5°12 | 12°38 | 0°6 | 28°R26 | 6°2 | 25°2 | 26°32 | 17°6 | 8°26 | | | | | | | | |
| T26 | 10 36 52 | 11°10'00 | 4♁2 | 17°59 | 24°45 | 2°57 | 5°25 | 12°43 | 0°9 | 28°26 | 6°3 | 24°56 | 26°28 | 17°12 | 8°29 | | | | | | | | |
| F27 | 10 40 48 | 12°9'33 | 18°11 | 18°11 | 25°43 | 3°28 | 5°38 | 12°48 | 0°12 | 28°26 | 6°5 | 24°49 | 26°25 | 17°19 | 8°32 | | | | | | | | |
| S28 | 10 44 45 | 13♁9'03 | 2♁9 | 18♁28 | 26♁42 | 3♁59 | 5♁51 | 12♁53 | 0♁15 | 28♁26 | 6♁6 | 24♁42 | 26♁22 | 17♁26 | 8♁36 | | | | | | | | |

Delta T = 46m24s

Julian Calendar

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SWISS EPHEMERIS for the year 823

MARCH 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-----------|--------|--------|--------|---------|--------|--------|-------|--------|-------|---------|--------|--------|-------|---|
| S 1 | 10 48 42 | 14X 8'31 | 15M 51 | 18W 50 | 27Z 40 | 4II 30 | 6W 4 | 12R 59 | 0W 17 | 28R 26 | 6X 8 | 24R 36 | 26W 19 | 17X 33 | 8Z 39 | |
| M 2 | 10 52 38 | 15° 7'57 | 29°15 | 19°17 | 28°40 | 5° 1 | 6°16 | 13° 4 | 0°20 | 28M 26 | 6° 9 | 24W 32 | 26°16 | 17°39 | 8°42 | |
| T 3 | 10 56 35 | 16° 7'21 | 12W 19 | 19°49 | 29°39 | 5°32 | 6°29 | 13° 9 | 0°23 | 28°26 | 6°11 | 24°29 | 26°12 | 17°46 | 8°45 | |
| W 4 | 11 0 31 | 17° 6'42 | 25° 3 | 20°25 | 0W 39 | 6° 4 | 6°41 | 13°15 | 0°25 | 28°25 | 6°13 | 24°D 29 | 26° 9 | 17°53 | 8°48 | |
| T 5 | 11 4 28 | 18° 6'02 | 7M 29 | 21° 4 | 1°39 | 6°35 | 6°54 | 13°20 | 0°28 | 28°25 | 6°14 | 24°29 | 26° 6 | 17°59 | 8°51 | |
| F 6 | 11 8 24 | 19° 5'21 | 19°39 | 21°48 | 2°40 | 7° 7 | 7° 6 | 13°26 | 0°31 | 28°25 | 6°16 | 24°31 | 26° 3 | 18° 6 | 8°54 | |
| S 7 | 11 12 21 | 20° 4'37 | 1X 39 | 22°35 | 3°41 | 7°38 | 7°19 | 13°31 | 0°33 | 28°25 | 6°17 | 24°33 | 26° 0 | 18°13 | 8°57 | |
| S 8 | 11 16 17 | 21° 3'51 | 13°31 | 23°26 | 4°42 | 8°10 | 7°31 | 13°37 | 0°36 | 28°24 | 6°19 | 24°34 | 25°57 | 18°19 | 9° 0 | |
| M 9 | 11 20 14 | 22° 3'04 | 25°23 | 24°19 | 5°44 | 8°42 | 7°43 | 13°43 | 0°38 | 28°24 | 6°20 | 24°R 34 | 25°53 | 18°26 | 9° 2 | |
| T 10 | 11 24 11 | 23° 2'15 | 7Z 17 | 25°16 | 6°46 | 9°14 | 7°55 | 13°49 | 0°41 | 28°23 | 6°22 | 24°33 | 25°50 | 18°33 | 9° 5 | |
| W 11 | 11 28 7 | 24° 1'24 | 19°20 | 26°15 | 7°48 | 9°46 | 8° 7 | 13°55 | 0°43 | 28°23 | 6°23 | 24°31 | 25°47 | 18°39 | 9° 8 | |
| T 12 | 11 32 4 | 25° 0'31 | 1W 35 | 27°18 | 8°51 | 10°18 | 8°19 | 14° 1 | 0°46 | 28°22 | 6°25 | 24°27 | 25°44 | 18°46 | 9°10 | |
| F 13 | 11 36 0 | 25°59'36 | 14° 6 | 28°23 | 9°54 | 10°50 | 8°31 | 14° 7 | 0°48 | 28°22 | 6°26 | 24°23 | 25°41 | 18°53 | 9°12 | |
| S 14 | 11 39 57 | 26°58'39 | 26°54 | 29°30 | 10°57 | 11°23 | 8°43 | 14°13 | 0°50 | 28°21 | 6°28 | 24°18 | 25°38 | 19° 0 | 9°15 | |
| S 15 | 11 43 53 | 27°57'40 | 10X 2 | 0X 39 | 12° 0 | 11°55 | 8°55 | 14°19 | 0°53 | 28°21 | 6°29 | 24°14 | 25°34 | 19° 6 | 9°17 | |
| M 16 | 11 47 50 | 28°56'40 | 23°28 | 1°51 | 13° 4 | 12°28 | 9° 6 | 14°25 | 0°55 | 28°20 | 6°31 | 24°10 | 25°31 | 19°13 | 9°19 | |
| T 17 | 11 51 46 | 29°55'37 | 7Y 11 | 3° 5 | 14° 7 | 13° 0 | 9°18 | 14°32 | 0°57 | 28°20 | 6°32 | 24° 8 | 25°28 | 19°20 | 9°21 | |
| W 18 | 11 55 43 | 0Y 54'32 | 21° 8 | 4°21 | 15°11 | 13°33 | 9°29 | 14°38 | 0°59 | 28°19 | 6°33 | 24°D 7 | 25°25 | 19°26 | 9°23 | |
| T 19 | 11 59 39 | 1°53'25 | 5Z 15 | 5°40 | 16°16 | 14° 6 | 9°41 | 14°45 | 1° 1 | 28°18 | 6°35 | 24° 8 | 25°22 | 19°33 | 9°25 | |
| F 20 | 12 3 36 | 2°52'16 | 19°29 | 7° 0 | 17°20 | 14°38 | 9°52 | 14°51 | 1° 3 | 28°18 | 6°36 | 24° 9 | 25°18 | 19°40 | 9°27 | |
| S 21 | 12 7 33 | 3°51'04 | 3II 46 | 8°22 | 18°25 | 15°11 | 10° 3 | 14°58 | 1° 5 | 28°17 | 6°38 | 24°10 | 25°15 | 19°46 | 9°29 | |
| S 22 | 12 11 29 | 4°49'50 | 18° 2 | 9°45 | 19°29 | 15°44 | 10°14 | 15° 4 | 1° 7 | 28°16 | 6°39 | 24°11 | 25°12 | 19°53 | 9°31 | |
| M 23 | 12 15 26 | 5°48'34 | 2W 16 | 11°11 | 20°34 | 16°17 | 10°25 | 15°11 | 1° 9 | 28°15 | 6°41 | 24°R 12 | 25° 9 | 20° 0 | 9°32 | |
| T 24 | 12 19 22 | 6°47'16 | 16°25 | 12°38 | 21°40 | 16°51 | 10°36 | 15°18 | 1°11 | 28°14 | 6°42 | 24°12 | 25° 6 | 20° 6 | 9°34 | |
| W 25 | 12 23 19 | 7°45'55 | 0M 27 | 14° 7 | 22°45 | 17°24 | 10°47 | 15°24 | 1°13 | 28°14 | 6°43 | 24°11 | 25° 3 | 20°13 | 9°36 | |
| T 26 | 12 27 15 | 8°44'32 | 14°19 | 15°38 | 23°51 | 17°57 | 10°58 | 15°31 | 1°15 | 28°13 | 6°45 | 24° 9 | 24°59 | 20°20 | 9°37 | |
| F 27 | 12 31 12 | 9°43'07 | 28° 1 | 17°11 | 24°56 | 18°30 | 11° 8 | 15°38 | 1°17 | 28°12 | 6°46 | 24° 7 | 24°56 | 20°27 | 9°38 | |
| S 28 | 12 35 8 | 10°41'39 | 11M 31 | 18°45 | 26° 2 | 19° 4 | 11°19 | 15°45 | 1°18 | 28°11 | 6°47 | 24° 5 | 24°53 | 20°33 | 9°40 | |
| S 29 | 12 39 5 | 11°40'09 | 24°47 | 20°21 | 27° 8 | 19°37 | 11°29 | 15°52 | 1°20 | 28°10 | 6°49 | 24° 4 | 24°50 | 20°40 | 9°41 | |
| M 30 | 12 43 2 | 12°38'38 | 7W 49 | 21°59 | 28°14 | 20°11 | 11°39 | 15°59 | 1°22 | 28° 9 | 6°50 | 24° 3 | 24°47 | 20°47 | 9°42 | |
| T 31 | 12 46 58 | 13Y 37'04 | 20W 36 | 23X 38 | 29W 21 | 20II 44 | 11W 49 | 16R 6 | 1W 23 | 28M 8 | 6X 51 | 24°D 2 | 24W 43 | 20X 53 | 9Z 43 | |

Delta T = 46m23s Julian Calendar 1 March 823 == Greg. Calendar 5 March 823

APRIL 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-----------|---------|--------|-------|---------|--------|--------|-------|--------|-------|--------|--------|--------|--------|---|
| W 1 | 12 50 55 | 14Y 35'28 | 3M 8 | 25X 19 | 0X 27 | 21II 18 | 11W 59 | 16R 13 | 1W 25 | 28R 7 | 6X 53 | 24W 2 | 24W 40 | 21X 0 | 9Z 44 | |
| T 2 | 12 54 51 | 15°33'51 | 15°27 | 27° 2 | 1°34 | 21°52 | 12° 9 | 16°20 | 1°26 | 28M 6 | 6°54 | 24° 3 | 24°37 | 21° 7 | 9°45 | |
| F 3 | 12 58 48 | 16°32'12 | 27°34 | 28°47 | 2°41 | 22°25 | 12°19 | 16°27 | 1°28 | 28° 5 | 6°55 | 24° 4 | 24°34 | 21°13 | 9°46 | |
| S 4 | 13 2 44 | 17°30'31 | 9X 33 | 0Y 33 | 3°48 | 22°59 | 12°29 | 16°34 | 1°29 | 28° 4 | 6°56 | 24° 4 | 24°31 | 21°20 | 9°46 | |
| S 5 | 13 6 41 | 18°28'48 | 21°26 | 2°21 | 4°55 | 23°33 | 12°39 | 16°41 | 1°31 | 28° 2 | 6°58 | 24° 5 | 24°28 | 21°27 | 9°47 | |
| M 6 | 13 10 37 | 19°27'04 | 3Z 18 | 4°10 | 6° 2 | 24° 7 | 12°48 | 16°49 | 1°32 | 28° 1 | 6°59 | 24° 6 | 24°24 | 21°34 | 9°48 | |
| T 7 | 13 14 34 | 20°25'19 | 15°13 | 6° 1 | 7° 9 | 24°41 | 12°57 | 16°56 | 1°33 | 28° 0 | 7° 0 | 24° 6 | 24°21 | 21°40 | 9°48 | |
| W 8 | 13 18 31 | 21°23'31 | 27°15 | 7°55 | 8°17 | 25°15 | 13° 7 | 17° 3 | 1°35 | 27°59 | 7° 1 | 24°R 6 | 24°18 | 21°47 | 9°49 | |
| T 9 | 13 22 27 | 22°21'43 | 9W 30 | 9°49 | 9°25 | 25°49 | 13°16 | 17°11 | 1°36 | 27°58 | 7° 2 | 24° 6 | 24°15 | 21°54 | 9°49 | |
| F 10 | 13 26 24 | 23°19'52 | 22° 1 | 11°46 | 10°32 | 26°23 | 13°25 | 17°18 | 1°37 | 27°56 | 7° 4 | 24° 6 | 24°12 | 22° 0 | 9°49 | |
| S 11 | 13 30 20 | 24°18'00 | 4X 52 | 13°44 | 11°40 | 26°57 | 13°34 | 17°25 | 1°38 | 27°55 | 7° 5 | 24°D 6 | 24° 9 | 22° 7 | 9°49 | |
| S 12 | 13 34 17 | 25°16'07 | 18° 5 | 15°44 | 12°48 | 27°32 | 13°42 | 17°33 | 1°39 | 27°54 | 7° 6 | 24° 6 | 24° 5 | 22°14 | 9°49 | |
| M 13 | 13 38 13 | 26°14'12 | 1Y 41 | 17°45 | 13°56 | 28° 6 | 13°51 | 17°40 | 1°40 | 27°53 | 7° 7 | 24° 6 | 24° 2 | 22°20 | 9°R 49 | |
| T 14 | 13 42 10 | 27°12'15 | 15°40 | 19°48 | 15° 4 | 28°40 | 13°59 | 17°48 | 1°41 | 27°51 | 7° 8 | 24° 6 | 23°59 | 22°27 | 9°49 | |
| W 15 | 13 46 6 | 28°10'17 | 29°58 | 21°53 | 16°12 | 29°15 | 14° 8 | 17°55 | 1°42 | 27°50 | 7° 9 | 24°R 6 | 23°56 | 22°34 | 9°49 | |
| T 16 | 13 50 3 | 29° 8'17 | 14Z 30 | 23°59 | 17°21 | 29°49 | 14°16 | 18° 3 | 1°43 | 27°48 | 7°10 | 24° 6 | 23°53 | 22°41 | 9°49 | |
| F 17 | 13 54 0 | 0R 6'16 | 29°12 | 26° 6 | 18°29 | 0Z 24 | 14°24 | 18°11 | 1°44 | 27°47 | 7°11 | 24° 5 | 23°49 | 22°47 | 9°49 | |
| S 18 | 13 57 56 | 1° 4'13 | 13II 55 | 28°14 | 19°38 | 0°58 | 14°32 | 18°18 | 1°44 | 27°46 | 7°12 | 24° 5 | 23°46 | 22°54 | 9°48 | |
| S 19 | 14 1 53 | 2° 2'08 | 28°33 | 0R 23 | 20°46 | 1°33 | 14°40 | 18°26 | 1°45 | 27°44 | 7°13 | 24° 4 | 23°43 | 23° 1 | 9°48 | |
| M 20 | 14 5 49 | 3° 0'01 | 13Z 1 | 2°33 | 21°55 | 2° 8 | 14°47 | 18°34 | 1°46 | 27°43 | 7°14 | 24° 3 | 23°40 | 23° 7 | 9°47 | |
| T 21 | 14 9 46 | 3°57'52 | 27°15 | 4°44 | 23° 4 | 2°42 | 14°55 | 18°41 | 1°46 | 27°41 | 7°15 | 24°D 3 | 23°37 | 23°14 | 9°47 | |
| W 22 | 14 13 42 | 4°55'42 | 11W 13 | 6°54 | 24°13 | 3°17 | 15° 2 | 18°49 | 1°47 | 27°40 | 7°16 | 24° 3 | 23°34 | 23°21 | 9°46 | |
| T 23 | 14 17 39 | 5°53'29 | 24°54 | 9° 5 | 25°22 | 3°52 | 15°10 | 18°57 | 1°48 | 27°39 | 7°17 | 24° 3 | 23°30 | 23°28 | 9°45 | |
| F 24 | 14 21 35 | 6°51'15 | 8M 17 | 11°16 | 26°31 | 4°27 | 15°17 | 19° 4 | 1°48 | 27°37 | 7°18 | 24° 4 | 23°27 | 23°34 | 9°45 | |
| S 25 | 14 25 32 | 7°48'59 | 21°25 | 13°26 | 27°40 | 5° 2 | 15°24 | 19°12 | 1°48 | 27°36 | 7°19 | 24° 5 | 23°24 | 23°41 | 9°44 | |
| S 26 | 14 29 28 | 8°46'41 | 4W 18 | 15°35 | 28°49 | 5°37 | 15°30 | 19°20 | 1°49 | 27°34 | 7°20 | 24° 6 | 23°21 | 23°48 | 9°43 | |
| M 27 | 14 33 25 | 9°44'22 | 16°58 | 17°43 | 29°58 | 6°12 | 15°37 | 19°28 | 1°49 | 27°33 | 7°21 | 24° 7 | 23°18 | 23°54 | 9°42 | |
| T 28 | 14 37 22 | 10°42'02 | 29°26 | 19°50 | 1Y 7 | 6°47 | 15°43 | 19°35 | 1°49 | 27°31 | 7°21 | 24°R 7 | 23°14 | 24° 1 | 9°41 | |
| W 29 | 14 41 18 | 11°39'40 | 11M 44 | 21°55 | 2°17 | 7°22 | 15°50 | 19°43 | 1°50 | 27°30 | 7°22 | 24° 6 | 23°11 | 24° 8 | 9°39 | |
| T 30 | 14 45 15 | 12R 37'16 | 23M 53 | 23R 59 | 3Y 26 | 7Z 57 | 15W 56 | 19R 51 | 1W 50 | 27M 28 | 7X 23 | 24W 4 | 23W 8 | 24X 14 | 9Z 38 | |

Delta T = 46m23s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 823

MAY 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|-------|-------|-------|
| F 1 | 14 49 11 | 13♌34'52 | 5♌54 | 26♌0 | 4♌36 | 8♌32 | 16♌2 | 19♌59 | 1♌50 | 27♌26 | 7♌24 | 24♌R 2 | 23♌5 | 24♌21 | 9♌R37 |
| S 2 | 14 53 8 | 14°32'26 | 17°49 | 27°59 | 5°45 | 9°7 | 16°8 | 20°7 | 1°50 | 27♌25 | 7°25 | 23♌59 | 23°2 | 24°28 | 9♌35 |
| S 3 | 14 57 4 | 15°29'59 | 29°41 | 29°56 | 6°55 | 9°42 | 16°13 | 20°14 | 1°R50 | 27°23 | 7°25 | 23°55 | 22°59 | 24°35 | 9°34 |
| M 4 | 15 1 1 | 16°27'31 | 11♌33 | 1♌51 | 8°5 | 10°17 | 16°19 | 20°22 | 1°50 | 27°22 | 7°26 | 23°52 | 22°55 | 24°41 | 9°32 |
| T 5 | 15 4 57 | 17°25'03 | 23°28 | 3°42 | 9°15 | 10°53 | 16°24 | 20°30 | 1°50 | 27°20 | 7°27 | 23°49 | 22°52 | 24°48 | 9°31 |
| W 6 | 15 8 54 | 18°22'33 | 5♌30 | 5°31 | 10°24 | 11°28 | 16°30 | 20°38 | 1°50 | 27°19 | 7°27 | 23°48 | 22°49 | 24°55 | 9°29 |
| T 7 | 15 12 51 | 19°20'02 | 17°42 | 7°18 | 11°34 | 12°3 | 16°35 | 20°46 | 1°50 | 27°17 | 7°28 | 23°D47 | 22°46 | 25°1 | 9°27 |
| F 8 | 15 16 47 | 20°17'30 | 0♌10 | 9°1 | 12°44 | 12°39 | 16°39 | 20°54 | 1°49 | 27°15 | 7°29 | 23°47 | 22°43 | 25°8 | 9°25 |
| S 9 | 15 20 44 | 21°14'58 | 12°58 | 10°42 | 13°54 | 13°14 | 16°44 | 21°1 | 1°49 | 27°14 | 7°29 | 23°48 | 22°40 | 25°15 | 9°24 |
| S 10 | 15 24 40 | 22°12'25 | 26°8 | 12°20 | 15°5 | 13°50 | 16°49 | 21°9 | 1°49 | 27°12 | 7°30 | 23°50 | 22°36 | 25°22 | 9°22 |
| M11 | 15 28 37 | 23°9'51 | 9♌45 | 13°55 | 16°15 | 14°25 | 16°53 | 21°17 | 1°48 | 27°10 | 7°30 | 23°51 | 22°33 | 25°28 | 9°20 |
| T 12 | 15 32 33 | 24°7'16 | 23°48 | 15°27 | 17°25 | 15°1 | 16°57 | 21°25 | 1°48 | 27°9 | 7°31 | 23°R52 | 22°30 | 25°35 | 9°17 |
| W13 | 15 36 30 | 25°4'41 | 8♌17 | 16°56 | 18°35 | 15°36 | 17°1 | 21°33 | 1°48 | 27°7 | 7°31 | 23°51 | 22°27 | 25°42 | 9°15 |
| T 14 | 15 40 26 | 26°2'04 | 23°5 | 18°22 | 19°46 | 16°12 | 17°5 | 21°41 | 1°47 | 27°6 | 7°32 | 23°49 | 22°24 | 25°48 | 9°13 |
| F 15 | 15 44 23 | 26°59'27 | 8♌7 | 19°45 | 20°56 | 16°48 | 17°9 | 21°48 | 1°46 | 27°4 | 7°32 | 23°45 | 22°20 | 25°55 | 9°11 |
| S 16 | 15 48 20 | 27°56'49 | 23°13 | 21°5 | 22°6 | 17°23 | 17°12 | 21°56 | 1°46 | 27°2 | 7°33 | 23°41 | 22°17 | 26°2 | 9°9 |
| S 17 | 15 52 16 | 28°54'10 | 8♌14 | 22°22 | 23°17 | 17°59 | 17°15 | 22°4 | 1°45 | 27°1 | 7°33 | 23°36 | 22°14 | 26°8 | 9°6 |
| M18 | 15 56 13 | 29°51'30 | 23°1 | 23°35 | 24°27 | 18°35 | 17°18 | 22°12 | 1°45 | 26°59 | 7°34 | 23°31 | 22°11 | 26°15 | 9°4 |
| T 19 | 16 0 9 | 0♌48'49 | 7♌28 | 24°46 | 25°38 | 19°11 | 17°21 | 22°20 | 1°44 | 26°58 | 7°34 | 23°28 | 22°8 | 26°22 | 9°1 |
| W20 | 16 4 6 | 1°46'07 | 21°31 | 25°53 | 26°49 | 19°46 | 17°24 | 22°28 | 1°43 | 26°56 | 7°34 | 23°26 | 22°5 | 26°29 | 8°59 |
| T 21 | 16 8 2 | 2°43'24 | 5♌10 | 26°56 | 27°59 | 20°22 | 17°27 | 22°35 | 1°42 | 26°54 | 7°35 | 23°D26 | 22°1 | 26°35 | 8°56 |
| F 22 | 16 11 59 | 3°40'40 | 18°26 | 27°57 | 29°10 | 20°58 | 17°29 | 22°43 | 1°41 | 26°53 | 7°35 | 23°26 | 21°58 | 26°42 | 8°53 |
| S 23 | 16 15 55 | 4°37'54 | 1♌22 | 28°54 | 0♌21 | 21°34 | 17°31 | 22°51 | 1°40 | 26°51 | 7°35 | 23°28 | 21°55 | 26°49 | 8°51 |
| S 24 | 16 19 52 | 5°35'08 | 14°0 | 29°47 | 1°32 | 22°10 | 17°33 | 22°59 | 1°39 | 26°49 | 7°36 | 23°29 | 21°52 | 26°55 | 8°48 |
| M25 | 16 23 49 | 6°32'21 | 26°24 | 0♌37 | 2°42 | 22°46 | 17°35 | 23°6 | 1°38 | 26°48 | 7°36 | 23°R29 | 21°49 | 27°2 | 8°45 |
| T 26 | 16 27 45 | 7°29'34 | 8♌38 | 1°22 | 3°53 | 23°22 | 17°36 | 23°14 | 1°37 | 26°46 | 7°36 | 23°28 | 21°46 | 27°9 | 8°42 |
| W27 | 16 31 42 | 8°26'46 | 20°43 | 2°4 | 5°4 | 23°58 | 17°38 | 23°22 | 1°36 | 26°45 | 7°36 | 23°25 | 21°42 | 27°16 | 8°39 |
| T 28 | 16 35 38 | 9°23'57 | 2♌42 | 2°42 | 6°15 | 24°34 | 17°39 | 23°29 | 1°35 | 26°43 | 7°36 | 23°20 | 21°39 | 27°22 | 8°36 |
| F 29 | 16 39 35 | 10°21'08 | 14°37 | 3°16 | 7°26 | 25°11 | 17°40 | 23°37 | 1°34 | 26°42 | 7°37 | 23°13 | 21°36 | 27°29 | 8°33 |
| S 30 | 16 43 31 | 11°18'18 | 26°30 | 3°46 | 8°37 | 25°47 | 17°41 | 23°45 | 1°33 | 26°40 | 7°37 | 23°4 | 21°33 | 27°36 | 8°30 |
| S 31 | 16 47 28 | 12♌15'28 | 8♌22 | 4♌11 | 9♌48 | 26♌23 | 17♌42 | 23♌52 | 1♌31 | 26♌38 | 7♌37 | 22♌55 | 21♌30 | 27♌42 | 8♌27 |

Delta T = 46m22s Julian Calendar 1 May 823 == Greg. Calendar 5 May 823

JUNE 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|--------|-------|-------|--------|-------|-------|--------|-------|--------|-------|-------|-------|
| M 1 | 16 51 24 | 13♌12'38 | 20♌15 | 4♌32 | 11♌0 | 26♌59 | 17♌42 | 24♌0 | 1°R30 | 26°R37 | 7♌37 | 22°R46 | 21♌26 | 27♌49 | 8°R24 |
| T 2 | 16 55 21 | 14°9'47 | 2♌11 | 4°49 | 12°11 | 27°35 | 17°42 | 24°7 | 1°R29 | 26♌35 | 7°37 | 22♌38 | 21°23 | 27°56 | 8♌21 |
| W 3 | 16 59 18 | 15°6'57 | 14°14 | 5°1 | 13°22 | 28°12 | 17°R42 | 24°15 | 1°27 | 26°34 | 7°37 | 22°32 | 21°20 | 28°3 | 8°18 |
| T 4 | 17 3 14 | 16°4'06 | 26°26 | 5°8 | 14°33 | 28°48 | 17°42 | 24°22 | 1°26 | 26°32 | 7°R37 | 22°28 | 21°17 | 28°9 | 8°15 |
| F 5 | 17 7 11 | 17°1'16 | 8♌52 | 5°R11 | 15°45 | 29°24 | 17°42 | 24°30 | 1°25 | 26°31 | 7°37 | 22°26 | 21°14 | 28°16 | 8°11 |
| S 6 | 17 11 7 | 17°58'25 | 21°36 | 5°10 | 16°56 | 0♌1 | 17°41 | 24°37 | 1°23 | 26°29 | 7°37 | 22°D25 | 21°11 | 28°23 | 8°8 |
| S 7 | 17 15 4 | 18°55'35 | 4♌41 | 5°3 | 18°8 | 0°37 | 17°41 | 24°45 | 1°21 | 26°28 | 7°37 | 22°26 | 21°7 | 28°29 | 8°5 |
| M 8 | 17 19 0 | 19°52'44 | 18°11 | 4°53 | 19°19 | 1°14 | 17°40 | 24°52 | 1°20 | 26°26 | 7°37 | 22°R27 | 21°4 | 28°36 | 8°1 |
| T 9 | 17 22 57 | 20°49'54 | 2♌10 | 4°38 | 20°31 | 1°50 | 17°39 | 24°59 | 1°18 | 26°25 | 7°37 | 22°26 | 21°1 | 28°43 | 7°58 |
| W10 | 17 26 53 | 21°47'04 | 16°36 | 4°19 | 21°42 | 2°27 | 17°38 | 25°7 | 1°17 | 26°24 | 7°37 | 22°24 | 20°58 | 28°50 | 7°54 |
| T 11 | 17 30 50 | 22°44'15 | 1♌26 | 3°56 | 22°54 | 3°3 | 17°36 | 25°14 | 1°15 | 26°22 | 7°36 | 22°20 | 20°55 | 28°56 | 7°51 |
| F 12 | 17 34 47 | 23°41'25 | 16°35 | 3°29 | 24°6 | 3°40 | 17°34 | 25°21 | 1°13 | 26°21 | 7°36 | 22°13 | 20°52 | 29°3 | 7°48 |
| S 13 | 17 38 43 | 24°38'36 | 1♌52 | 2°59 | 25°17 | 4°17 | 17°33 | 25°28 | 1°12 | 26°19 | 7°36 | 22°5 | 20°48 | 29°10 | 7°44 |
| S 14 | 17 42 40 | 25°35'46 | 17°7 | 2°27 | 26°29 | 4°53 | 17°30 | 25°36 | 1°10 | 26°18 | 7°36 | 21°55 | 20°45 | 29°16 | 7°41 |
| M15 | 17 46 36 | 26°32'57 | 2♌9 | 1°52 | 27°41 | 5°30 | 17°28 | 25°43 | 1°8 | 26°17 | 7°36 | 21°47 | 20°42 | 29°23 | 7°37 |
| T 16 | 17 50 33 | 27°30'07 | 16°49 | 1°16 | 28°53 | 6°7 | 17°26 | 25°50 | 1°6 | 26°15 | 7°35 | 21°40 | 20°39 | 29°30 | 7°33 |
| W17 | 17 54 29 | 28°27'18 | 1♌2 | 0°38 | 0♌5 | 6°44 | 17°23 | 25°57 | 1°4 | 26°14 | 7°35 | 21°34 | 20°36 | 29°37 | 7°30 |
| T 18 | 17 58 26 | 29°24'28 | 14°46 | 0°0 | 1°16 | 7°20 | 17°20 | 26°4 | 1°2 | 26°13 | 7°35 | 21°32 | 20°32 | 29°43 | 7°26 |
| F 19 | 18 2 23 | 0♌21'38 | 28°3 | 29♌22 | 2°28 | 7°57 | 17°17 | 26°11 | 1°0 | 26°11 | 7°34 | 21°D31 | 20°29 | 29°50 | 7°23 |
| S 20 | 18 6 19 | 1°18'48 | 10♌55 | 28°45 | 3°40 | 8°34 | 17°14 | 26°18 | 0°58 | 26°10 | 7°34 | 21°31 | 20°26 | 29°57 | 7°19 |
| S 21 | 18 10 16 | 2°15'58 | 23°28 | 28°9 | 4°52 | 9°11 | 17°11 | 26°25 | 0°56 | 26°9 | 7°34 | 21°R31 | 20°23 | 0♌3 | 7°16 |
| M22 | 18 14 12 | 3°13'08 | 5♌44 | 27°36 | 6°4 | 9°48 | 17°7 | 26°32 | 0°54 | 26°8 | 7°33 | 21°30 | 20°20 | 0°10 | 7°12 |
| T 23 | 18 18 9 | 4°10'19 | 17°49 | 27°5 | 7°17 | 10°25 | 17°4 | 26°38 | 0°52 | 26°7 | 7°33 | 21°28 | 20°17 | 0°17 | 7°8 |
| W24 | 18 22 5 | 5°7'29 | 29°46 | 26°37 | 8°29 | 11°2 | 17°0 | 26°45 | 0°50 | 26°5 | 7°33 | 21°22 | 20°13 | 0°24 | 7°5 |
| T 25 | 18 26 2 | 6°4'40 | 11♌40 | 26°13 | 9°41 | 11°39 | 16°56 | 26°52 | 0°48 | 26°4 | 7°32 | 21°14 | 20°10 | 0°30 | 7°1 |
| F 26 | 18 29 58 | 7°1'52 | 23°32 | 25°54 | 10°53 | 12°16 | 16°52 | 26°59 | 0°46 | 26°3 | 7°32 | 21°3 | 20°7 | 0°37 | 6°57 |
| S 27 | 18 33 55 | 7°59'03 | 5♌24 | 25°39 | 12°5 | 12°53 | 16°47 | 27°5 | 0°44 | 26°2 | 7°31 | 20°51 | 20°4 | 0°44 | 6°54 |
| S 28 | 18 37 52 | 8°56'16 | 17°18 | 25°29 | 13°18 | 13°30 | 16°43 | 27°12 | 0°42 | 26°1 | 7°31 | 20°38 | 20°1 | 0°50 | 6°50 |
| M29 | 18 41 48 | 9°53'28 | 29°15 | 25°D25 | 14°30 | 14°8 | 16°38 | 27°18 | 0°40 | 26°0 | 7°30 | 20°24 | 19°58 | 0°57 | 6°47 |
| T 30 | 18 45 45 | 10♌50'42 | 11♌17 | 25♌26 | 15♌42 | 14♌45 | 16♌33 | 27♌25 | 0♌37 | 25♌59 | 7♌29 | 20♌13 | 19♌54 | 1♌3 | 6♌43 |

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SWISS EPHEMERIS for the year 823

JULY 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|--------|-------|-------|--------|-------|--------|-------|------|-------|
| W 1 | 18 49 41 | 11☉47'56 | 23☽25 | 25♂32 | 16♂55 | 15♂22 | 16°R28 | 27♂31 | 0°R35 | 25°R58 | 7°R29 | 20°R 3 | 19♂51 | 1♂11 | 6°R39 |
| T 2 | 18 53 38 | 12°45'11 | 5♂43 | 25°44 | 18° 7 | 15°59 | 16♂23 | 27°37 | 0°R33 | 25♂57 | 7♂28 | 19♂56 | 19°48 | 1°17 | 6♂36 |
| F 3 | 18 57 34 | 13°42'27 | 18°11 | 26° 3 | 19°20 | 16°37 | 16°17 | 27°44 | 0°31 | 25°56 | 7°28 | 19°52 | 19°45 | 1°24 | 6°32 |
| S 4 | 19 1 31 | 14°39'43 | 0♀55 | 26°27 | 20°32 | 17°14 | 16°12 | 27°50 | 0°29 | 25°55 | 7°27 | 19°50 | 19°42 | 1°31 | 6°29 |
| S 5 | 19 5 27 | 15°37'01 | 13°57 | 26°57 | 21°45 | 17°51 | 16° 6 | 27°56 | 0°26 | 25°54 | 7°26 | 19°49 | 19°38 | 1°37 | 6°25 |
| M 6 | 19 9 24 | 16°34'20 | 27°22 | 27°33 | 22°58 | 18°29 | 16° 0 | 28° 2 | 0°24 | 25°53 | 7°26 | 19°49 | 19°35 | 1°44 | 6°22 |
| T 7 | 19 13 21 | 17°31'40 | 11♂11 | 28°15 | 24°10 | 19° 6 | 15°55 | 28° 8 | 0°22 | 25°52 | 7°25 | 19°48 | 19°32 | 1°51 | 6°18 |
| W 8 | 19 17 17 | 18°29'01 | 25°27 | 29° 3 | 25°23 | 19°44 | 15°48 | 28°14 | 0°19 | 25°51 | 7°24 | 19°45 | 19°29 | 1°58 | 6°15 |
| T 9 | 19 21 14 | 19°26'24 | 10♂ 7 | 29°57 | 26°36 | 20°21 | 15°42 | 28°20 | 0°17 | 25°51 | 7°24 | 19°40 | 19°26 | 2° 4 | 6°11 |
| F 10 | 19 25 10 | 20°23'47 | 25° 8 | 0♂56 | 27°49 | 20°59 | 15°36 | 28°26 | 0°15 | 25°50 | 7°23 | 19°32 | 19°23 | 2°11 | 6° 8 |
| S 11 | 19 29 7 | 21°21'12 | 10♂20 | 2° 1 | 29° 2 | 21°36 | 15°30 | 28°32 | 0°12 | 25°49 | 7°22 | 19°22 | 19°19 | 2°18 | 6° 4 |
| S 12 | 19 33 3 | 22°18'37 | 25°34 | 3°11 | 0♂15 | 22°14 | 15°23 | 28°38 | 0°10 | 25°48 | 7°21 | 19°11 | 19°16 | 2°24 | 6° 1 |
| M13 | 19 37 0 | 23°16'04 | 10♂39 | 4°27 | 1°27 | 22°52 | 15°16 | 28°43 | 0° 8 | 25°48 | 7°20 | 19° 1 | 19°13 | 2°31 | 5°57 |
| T 14 | 19 40 56 | 24°13'31 | 25°25 | 5°47 | 2°40 | 23°29 | 15° 9 | 28°49 | 0° 5 | 25°47 | 7°20 | 18°52 | 19°10 | 2°38 | 5°54 |
| W15 | 19 44 53 | 25°10'59 | 9♂44 | 7°13 | 3°53 | 24° 7 | 15° 3 | 28°54 | 0° 3 | 25°46 | 7°19 | 18°45 | 19° 7 | 2°45 | 5°51 |
| T 16 | 19 48 50 | 26° 8'28 | 23°35 | 8°44 | 5° 7 | 24°45 | 14°56 | 29° 0 | 0° 0 | 25°46 | 7°18 | 18°41 | 19° 3 | 2°51 | 5°47 |
| F 17 | 19 52 46 | 27° 5'58 | 6♂56 | 10°19 | 6°20 | 25°23 | 14°49 | 29° 5 | 29♂58 | 25°45 | 7°17 | 18°39 | 19° 0 | 2°58 | 5°44 |
| S 18 | 19 56 43 | 28° 3'29 | 19°51 | 11°58 | 7°33 | 26° 1 | 14°41 | 29°10 | 29°56 | 25°45 | 7°16 | 18°D39 | 18°57 | 3° 5 | 5°41 |
| S 19 | 20 0 39 | 29° 1'01 | 2♂24 | 13°40 | 8°46 | 26°39 | 14°34 | 29°16 | 29°53 | 25°44 | 7°15 | 18°R39 | 18°54 | 3°11 | 5°38 |
| M20 | 20 4 36 | 29°58'33 | 14°39 | 15°27 | 9°59 | 27°16 | 14°27 | 29°21 | 29°51 | 25°44 | 7°14 | 18°38 | 18°51 | 3°18 | 5°35 |
| T 21 | 20 8 32 | 0♂56'07 | 26°42 | 17°16 | 11°12 | 27°54 | 14°19 | 29°26 | 29°48 | 25°43 | 7°13 | 18°36 | 18°48 | 3°25 | 5°32 |
| W22 | 20 12 29 | 1°53'41 | 8♂37 | 19° 9 | 12°26 | 28°32 | 14°12 | 29°31 | 29°46 | 25°43 | 7°12 | 18°31 | 18°44 | 3°32 | 5°28 |
| T 23 | 20 16 25 | 2°51'17 | 20°28 | 21° 4 | 13°39 | 29°10 | 14° 4 | 29°36 | 29°44 | 25°42 | 7°12 | 18°23 | 18°41 | 3°38 | 5°25 |
| F 24 | 20 20 22 | 3°48'54 | 2♂20 | 23° 0 | 14°52 | 29°49 | 13°57 | 29°41 | 29°41 | 25°42 | 7°11 | 18°13 | 18°38 | 3°45 | 5°22 |
| S 25 | 20 24 19 | 4°46'32 | 14°14 | 24°59 | 16° 6 | 0♂27 | 13°49 | 29°45 | 29°39 | 25°42 | 7°10 | 18° 1 | 18°35 | 3°52 | 5°20 |
| S 26 | 20 28 15 | 5°44'11 | 26°12 | 26°58 | 17°19 | 1° 5 | 13°41 | 29°50 | 29°36 | 25°41 | 7° 9 | 17°48 | 18°32 | 3°59 | 5°17 |
| M27 | 20 32 12 | 6°41'52 | 8♂17 | 28°59 | 18°33 | 1°43 | 13°34 | 29°55 | 29°34 | 25°41 | 7° 8 | 17°36 | 18°29 | 4° 5 | 5°14 |
| T 28 | 20 36 8 | 7°39'34 | 20°29 | 1♂ 0 | 19°46 | 2°21 | 13°26 | 29°59 | 29°32 | 25°41 | 7° 7 | 17°24 | 18°25 | 4°12 | 5°11 |
| W29 | 20 40 5 | 8°37'17 | 2♂48 | 3° 1 | 21° 0 | 2°59 | 13°18 | 0♂ 4 | 29°29 | 25°41 | 7° 5 | 17°15 | 18°22 | 4°19 | 5° 8 |
| T 30 | 20 44 1 | 9°35'02 | 15°17 | 5° 2 | 22°14 | 3°38 | 13°10 | 0° 8 | 29°27 | 25°40 | 7° 4 | 17° 8 | 18°19 | 4°25 | 5° 6 |
| F 31 | 20 47 58 | 10♂32'48 | 27♂57 | 7♂ 3 | 23♂27 | 4♂16 | 13♂ 2 | 0♂12 | 29♂25 | 25♂40 | 7♂ 3 | 17♂ 4 | 18♂16 | 4♂32 | 5♂ 3 |

Delta T = 46m21s Julian Calendar 1 July 823 == Greg. Calendar 5 July 823

AUGUST 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|--------|------|--------|--------|-------|--------|-------|------|-------|
| S 1 | 20 51 54 | 11♂30'36 | 10♀49 | 9♂ 4 | 24♂41 | 4♂54 | 12°R54 | 0♂17 | 29°R22 | 25°R40 | 7°R 2 | 17°R 3 | 18♂13 | 4♂39 | 5°R 0 |
| S 2 | 20 55 51 | 12°28'26 | 23°56 | 11° 4 | 25°55 | 5°33 | 12°R46 | 0°21 | 29♂20 | 25♂40 | 7♂ 1 | 17°D 3 | 18° 9 | 4°46 | 4♂58 |
| M 3 | 20 59 48 | 13°26'18 | 7♂21 | 13° 3 | 27° 8 | 6°11 | 12°39 | 0°25 | 29°18 | 25°40 | 7° 0 | 17°R 3 | 18° 6 | 4°52 | 4°55 |
| T 4 | 21 3 44 | 14°24'12 | 21° 5 | 15° 1 | 28°22 | 6°50 | 12°31 | 0°29 | 29°15 | 25°D40 | 6°59 | 17♂ 3 | 18° 3 | 4°59 | 4°53 |
| W 5 | 21 7 41 | 15°22'08 | 5♂10 | 16°58 | 29°36 | 7°28 | 12°23 | 0°32 | 29°13 | 25°40 | 6°58 | 17° 1 | 18° 0 | 5° 6 | 4°51 |
| T 6 | 21 11 37 | 16°20'05 | 19°35 | 18°54 | 0♂50 | 8° 7 | 12°15 | 0°36 | 29°11 | 25°40 | 6°57 | 16°58 | 17°57 | 5°12 | 4°48 |
| F 7 | 21 15 34 | 17°18'05 | 4♂18 | 20°49 | 2° 4 | 8°45 | 12° 7 | 0°40 | 29° 9 | 25°40 | 6°56 | 16°52 | 17°54 | 5°19 | 4°46 |
| S 8 | 21 19 30 | 18°16'06 | 19°12 | 22°43 | 3°18 | 9°24 | 11°59 | 0°43 | 29° 6 | 25°40 | 6°54 | 16°44 | 17°50 | 5°26 | 4°44 |
| S 9 | 21 23 27 | 19°14'10 | 4♂ 9 | 24°36 | 4°32 | 10° 3 | 11°51 | 0°47 | 29° 4 | 25°40 | 6°53 | 16°35 | 17°47 | 5°33 | 4°42 |
| M10 | 21 27 23 | 20°12'15 | 19° 1 | 26°28 | 5°46 | 10°42 | 11°44 | 0°50 | 29° 2 | 25°40 | 6°52 | 16°26 | 17°44 | 5°39 | 4°40 |
| T 11 | 21 31 20 | 21°10'21 | 3♂39 | 28°18 | 7° 0 | 11°20 | 11°36 | 0°53 | 29° 0 | 25°41 | 6°51 | 16°19 | 17°41 | 5°46 | 4°38 |
| W12 | 21 35 17 | 22° 8'29 | 17°55 | 0♂ 7 | 8°14 | 11°59 | 11°28 | 0°57 | 28°58 | 25°41 | 6°50 | 16°14 | 17°38 | 5°53 | 4°36 |
| T 13 | 21 39 13 | 23° 6'39 | 1♂46 | 1°55 | 9°28 | 12°38 | 11°21 | 1° 0 | 28°56 | 25°41 | 6°49 | 16°11 | 17°35 | 5°59 | 4°34 |
| F 14 | 21 43 10 | 24° 4'51 | 15°10 | 3°41 | 10°42 | 13°17 | 11°13 | 1° 3 | 28°53 | 25°42 | 6°47 | 16°D10 | 17°31 | 6° 6 | 4°32 |
| S 15 | 21 47 6 | 25° 3'04 | 28° 8 | 5°27 | 11°57 | 13°56 | 11° 6 | 1° 5 | 28°51 | 25°42 | 6°46 | 16°10 | 17°28 | 6°13 | 4°30 |
| S 16 | 21 51 3 | 26° 1'18 | 10♂44 | 7°11 | 13°11 | 14°35 | 10°58 | 1° 8 | 28°49 | 25°42 | 6°45 | 16°11 | 17°25 | 6°20 | 4°29 |
| M17 | 21 54 59 | 26°59'35 | 23° 2 | 8°54 | 14°25 | 15°14 | 10°51 | 1°11 | 28°47 | 25°43 | 6°44 | 16°R12 | 17°22 | 6°26 | 4°27 |
| T 18 | 21 58 56 | 27°57'52 | 5♂ 6 | 10°35 | 15°40 | 15°53 | 10°44 | 1°14 | 28°45 | 25°43 | 6°43 | 16°12 | 17°19 | 6°33 | 4°25 |
| W19 | 22 2 52 | 28°56'12 | 17° 2 | 12°16 | 16°54 | 16°32 | 10°37 | 1°16 | 28°43 | 25°44 | 6°41 | 16°10 | 17°15 | 6°40 | 4°24 |
| T 20 | 22 6 49 | 29°54'33 | 28°54 | 13°56 | 18° 8 | 17°11 | 10°30 | 1°18 | 28°41 | 25°44 | 6°40 | 16° 6 | 17°12 | 6°47 | 4°23 |
| F 21 | 22 10 45 | 0♂52'56 | 10♂47 | 15°34 | 19°23 | 17°50 | 10°23 | 1°21 | 28°39 | 25°45 | 6°39 | 16° 0 | 17° 9 | 6°53 | 4°21 |
| S 22 | 22 14 42 | 1°51'20 | 22°44 | 17°11 | 20°37 | 18°29 | 10°16 | 1°23 | 28°38 | 25°45 | 6°38 | 15°53 | 17° 6 | 7° 0 | 4°20 |
| S 23 | 22 18 39 | 2°49'46 | 4♂48 | 18°47 | 21°52 | 19° 9 | 10° 9 | 1°25 | 28°36 | 25°46 | 6°37 | 15°45 | 17° 3 | 7° 7 | 4°19 |
| M24 | 22 22 35 | 3°48'14 | 17° 1 | 20°22 | 23° 6 | 19°48 | 10° 3 | 1°27 | 28°34 | 25°46 | 6°35 | 15°38 | 17° 0 | 7°13 | 4°18 |
| T 25 | 22 26 32 | 4°46'44 | 29°25 | 21°56 | 24°21 | 20°27 | 9°56 | 1°29 | 28°32 | 25°47 | 6°34 | 15°31 | 16°56 | 7°20 | 4°17 |
| W26 | 22 30 28 | 5°45'16 | 12♂ 0 | 23°29 | 25°35 | 21° 7 | 9°50 | 1°30 | 28°30 | 25°48 | 6°33 | 15°25 | 16°53 | 7°27 | 4°16 |
| T 27 | 22 34 25 | 6°43'49 | 24°47 | 25° 1 | 26°50 | 21°46 | 9°44 | 1°32 | 28°29 | 25°48 | 6°32 | 15°21 | 16°50 | 7°34 | 4°15 |
| F 28 | 22 38 21 | 7°42'25 | 7♀45 | 26°32 | 28° 4 | 22°26 | 9°37 | 1°34 | 28°27 | 25°49 | 6°31 | 15°19 | 16°47 | 7°40 | 4°14 |
| S 29 | 22 42 18 | 8°41'03 | 20°56 | 28° 2 | 29°19 | 23° 5 | 9°31 | 1°35 | 28°25 | 25°50 | 6°29 | 15°D19 | 16°44 | 7°47 | 4°13 |
| S 30 | 22 46 14 | 9°39'43 | 4♂18 | 29°30 | 0♂33 | 23°45 | 9°26 | 1°36 | 28°24 | 25°51 | 6°28 | 15°20 | 16°40 | 7°54 | 4°13 |
| M31 | 22 50 11 | 10♂38'25 | 17♂53 | 0♂58 | 1♂48 | 24♂24 | 9♂20 | 1♂37 | 28♂22 | 25♂52 | 6♂27 | 15♂22 | 16♂37 | 8♂ 0 | 4♂12 |

Delta T = 46m20s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 823

SEPTEMBER 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|--------|-------|
| T 1 | 22 54 8 | 11♐37'10 | 1♐42 | 2♌25 | 3♍3 | 25♎4 | 9°R14 | 1♐39 | 28°R21 | 25♎53 | 6°R26 | 15♌23 | 16♌34 | 8♌7 | 4°R12 |
| W 2 | 22 58 4 | 12°35'57 | 15°43 | 3°50 | 4°18 | 25°44 | 9°≈ 9 | 1°40 | 28°R19 | 25°54 | 6°H24 | 15°R23 | 16°31 | 8°14 | 4°R11 |
| T 3 | 23 2 1 | 13°34'47 | 29°57 | 5°15 | 5°32 | 26°23 | 9° 4 | 1°40 | 28°18 | 25°54 | 6°23 | 15°22 | 16°28 | 8°21 | 4°11 |
| F 4 | 23 5 57 | 14°33'38 | 14♌21 | 6°38 | 6°47 | 27° 3 | 8°59 | 1°41 | 28°16 | 25°55 | 6°22 | 15°20 | 16°25 | 8°27 | 4°11 |
| S 5 | 23 9 54 | 15°32'33 | 28°50 | 8° 0 | 8° 2 | 27°43 | 8°54 | 1°42 | 28°15 | 25°56 | 6°21 | 15°16 | 16°21 | 8°34 | 4°11 |
| S 6 | 23 13 50 | 16°31'29 | 13♌22 | 9°21 | 9°17 | 28°23 | 8°49 | 1°42 | 28°13 | 25°58 | 6°20 | 15°12 | 16°18 | 8°41 | 4°10 |
| M 7 | 23 17 47 | 17°30'28 | 27°49 | 10°40 | 10°32 | 29° 3 | 8°44 | 1°43 | 28°12 | 25°59 | 6°18 | 15° 8 | 16°15 | 8°48 | 4°D10 |
| T 8 | 23 21 43 | 18°29'28 | 12♎5 | 11°59 | 11°47 | 29°43 | 8°40 | 1°43 | 28°11 | 26° 0 | 6°17 | 15° 5 | 16°12 | 8°54 | 4°10 |
| W 9 | 23 25 40 | 19°28'31 | 26° 5 | 13°16 | 13° 2 | 0♌23 | 8°36 | 1°43 | 28°10 | 26° 1 | 6°16 | 15° 2 | 16° 9 | 9° 1 | 4°11 |
| T 10 | 23 29 37 | 20°27'36 | 9♌46 | 14°31 | 14°17 | 1° 3 | 8°32 | 1°R43 | 28° 8 | 26° 2 | 6°15 | 15°D 1 | 16° 6 | 9° 8 | 4°11 |
| F 11 | 23 33 33 | 21°26'43 | 23° 5 | 15°45 | 15°31 | 1°43 | 8°28 | 1°43 | 28° 7 | 26° 3 | 6°14 | 15° 1 | 16° 2 | 9°14 | 4°11 |
| S 12 | 23 37 30 | 22°25'52 | 6♎2 | 16°58 | 16°46 | 2°23 | 8°24 | 1°43 | 28° 6 | 26° 4 | 6°12 | 15° 2 | 15°59 | 9°21 | 4°11 |
| S 13 | 23 41 26 | 23°25'03 | 18°39 | 18° 8 | 18° 1 | 3° 3 | 8°21 | 1°43 | 28° 5 | 26° 6 | 6°11 | 15° 4 | 15°56 | 9°28 | 4°12 |
| M14 | 23 45 23 | 24°24'15 | 0♌59 | 19°17 | 19°16 | 3°43 | 8°17 | 1°43 | 28° 4 | 26° 7 | 6°10 | 15° 5 | 15°53 | 9°35 | 4°12 |
| T 15 | 23 49 19 | 25°23'30 | 13° 5 | 20°24 | 20°31 | 4°23 | 8°14 | 1°42 | 28° 3 | 26° 8 | 6° 9 | 15° 7 | 15°50 | 9°41 | 4°13 |
| W16 | 23 53 16 | 26°22'46 | 25° 2 | 21°29 | 21°47 | 5° 4 | 8°11 | 1°42 | 28° 2 | 26° 9 | 6° 8 | 15°R 7 | 15°46 | 9°48 | 4°14 |
| T 17 | 23 57 12 | 27°22'05 | 6♌56 | 22°32 | 23° 2 | 5°44 | 8° 9 | 1°41 | 28° 1 | 26°11 | 6° 7 | 15° 7 | 15°43 | 9°55 | 4°14 |
| F 18 | 0 1 9 | 28°21'25 | 18°49 | 23°32 | 24°17 | 6°25 | 8° 6 | 1°40 | 28° 1 | 26°12 | 6° 6 | 15° 6 | 15°40 | 10° 1 | 4°15 |
| S 19 | 0 5 6 | 29°20'47 | 0≈48 | 24°29 | 25°32 | 7° 5 | 8° 4 | 1°39 | 28° 0 | 26°14 | 6° 5 | 15° 4 | 15°37 | 10° 8 | 4°16 |
| S 20 | 0 9 2 | 0♌20'10 | 12°55 | 25°23 | 26°47 | 7°45 | 8° 1 | 1°38 | 27°59 | 26°15 | 6° 3 | 15° 2 | 15°34 | 10°15 | 4°17 |
| M21 | 0 12 59 | 1°19'36 | 25°15 | 26°14 | 28° 2 | 8°26 | 7°59 | 1°37 | 27°58 | 26°17 | 6° 2 | 15° 0 | 15°31 | 10°22 | 4°18 |
| T 22 | 0 16 55 | 2°19'04 | 7♌49 | 27° 2 | 29°17 | 9° 7 | 7°58 | 1°36 | 27°58 | 26°18 | 6° 1 | 14°58 | 15°27 | 10°28 | 4°19 |
| W23 | 0 20 52 | 3°18'33 | 20°39 | 27°46 | 0♌32 | 9°47 | 7°56 | 1°34 | 27°57 | 26°20 | 6° 0 | 14°56 | 15°24 | 10°35 | 4°20 |
| T 24 | 0 24 48 | 4°18'04 | 3♎45 | 28°25 | 1°47 | 10°28 | 7°55 | 1°33 | 27°57 | 26°21 | 5°59 | 14°56 | 15°21 | 10°42 | 4°22 |
| F 25 | 0 28 45 | 5°17'38 | 17° 7 | 29° 0 | 3° 2 | 11° 9 | 7°54 | 1°31 | 27°56 | 26°23 | 5°58 | 14°D55 | 15°18 | 10°49 | 4°23 |
| S 26 | 0 32 41 | 6°17'14 | 0♌43 | 29°29 | 4°18 | 11°49 | 7°53 | 1°30 | 27°56 | 26°24 | 5°57 | 14°56 | 15°15 | 10°55 | 4°24 |
| S 27 | 0 36 38 | 7°16'52 | 14°31 | 29°53 | 5°33 | 12°30 | 7°52 | 1°28 | 27°55 | 26°26 | 5°56 | 14°56 | 15°12 | 11° 2 | 4°26 |
| M28 | 0 40 34 | 8°16'32 | 28°28 | 0♎10 | 6°48 | 13°11 | 7°51 | 1°26 | 27°55 | 26°27 | 5°55 | 14°57 | 15° 8 | 11° 9 | 4°28 |
| T 29 | 0 44 31 | 9°16'14 | 12♐34 | 0°21 | 8° 3 | 13°52 | 7°51 | 1°24 | 27°55 | 26°29 | 5°54 | 14°58 | 15° 5 | 11°15 | 4°29 |
| W30 | 0 48 28 | 10°15'59 | 26♐43 | 0°R25 | 9♌18 | 14°33 | 7°D51 | 1♐22 | 27°54 | 26♎31 | 5°H53 | 14°58 | 15° 2 | 11°R22 | 4°31 |

Delta T = 46m19s

Julian Calendar 1 Sept. 823 == Greg. Calendar 5 Sept. 823

OCTOBER 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|
| T 1 | 0 52 24 | 11♌15'46 | 10♌56 | 0°R20 | 10♌34 | 15♌14 | 7°≈51 | 1°R20 | 27°R54 | 26♎33 | 5°R52 | 14°R58 | 14♌59 | 11♌29 | 4°R33 |
| F 2 | 0 56 21 | 12°15'36 | 25° 8 | 0♎7 | 11°49 | 15°55 | 7°51 | 1♐18 | 27°54 | 26°34 | 5°H51 | 14♌58 | 14°56 | 11°36 | 4°35 |
| S 3 | 1 0 17 | 13°15'28 | 9♎18 | 29♌46 | 13° 4 | 16°36 | 7°51 | 1°15 | 27°54 | 26°36 | 5°50 | 14°58 | 14°52 | 11°42 | 4°37 |
| S 4 | 1 4 14 | 14°15'22 | 23°23 | 29°15 | 14°20 | 17°17 | 7°52 | 1°13 | 27°D54 | 26°38 | 5°49 | 14°58 | 14°49 | 11°49 | 4°39 |
| M 5 | 1 8 10 | 15°15'18 | 7♎21 | 28°36 | 15°35 | 17°58 | 7°53 | 1°10 | 27°54 | 26°40 | 5°48 | 14°D58 | 14°46 | 11°56 | 4°41 |
| T 6 | 1 12 7 | 16°15'16 | 21° 9 | 27°47 | 16°50 | 18°39 | 7°54 | 1° 7 | 27°54 | 26°41 | 5°47 | 14°58 | 14°43 | 12° 2 | 4°43 |
| W 7 | 1 16 3 | 17°15'17 | 4♌44 | 26°50 | 18° 5 | 19°21 | 7°55 | 1° 5 | 27°54 | 26°43 | 5°47 | 14°58 | 14°40 | 12° 9 | 4°45 |
| T 8 | 1 20 0 | 18°15'19 | 18° 5 | 25°46 | 19°21 | 20° 2 | 7°57 | 1° 2 | 27°54 | 26°45 | 5°46 | 14°R58 | 14°37 | 12°16 | 4°47 |
| F 9 | 1 23 57 | 19°15'24 | 1♎9 | 24°35 | 20°36 | 20°43 | 7°58 | 0°59 | 27°55 | 26°47 | 5°45 | 14°58 | 14°33 | 12°23 | 4°50 |
| S 10 | 1 27 53 | 20°15'30 | 13°58 | 23°20 | 21°51 | 21°25 | 8° 0 | 0°56 | 27°55 | 26°49 | 5°44 | 14°57 | 14°30 | 12°29 | 4°52 |
| S 11 | 1 31 50 | 21°15'38 | 26°30 | 22° 2 | 23° 7 | 22° 6 | 8° 2 | 0°53 | 27°55 | 26°51 | 5°43 | 14°57 | 14°27 | 12°36 | 4°55 |
| M12 | 1 35 46 | 22°15'48 | 8♌49 | 20°44 | 24°22 | 22°48 | 8° 4 | 0°49 | 27°56 | 26°53 | 5°43 | 14°56 | 14°24 | 12°43 | 4°57 |
| T 13 | 1 39 43 | 23°16'00 | 20°55 | 19°29 | 25°37 | 23°29 | 8° 7 | 0°46 | 27°56 | 26°55 | 5°42 | 14°55 | 14°21 | 12°50 | 5° 0 |
| W14 | 1 43 39 | 24°16'13 | 2♌53 | 18°19 | 26°53 | 24°11 | 8° 9 | 0°43 | 27°57 | 26°57 | 5°41 | 14°54 | 14°17 | 12°56 | 5° 3 |
| T 15 | 1 47 36 | 25°16'28 | 14°46 | 17°15 | 28° 8 | 24°53 | 8°12 | 0°39 | 27°57 | 26°59 | 5°40 | 14°53 | 14°14 | 13° 3 | 5° 6 |
| F 16 | 1 51 32 | 26°16'45 | 26°38 | 16°20 | 29°23 | 25°34 | 8°15 | 0°35 | 27°58 | 27° 1 | 5°40 | 14°D53 | 14°11 | 13°10 | 5° 8 |
| S 17 | 1 55 29 | 27°17'02 | 8≈36 | 15°36 | 0♎39 | 26°16 | 8°19 | 0°32 | 27°58 | 27° 3 | 5°39 | 14°53 | 14° 8 | 13°16 | 5°11 |
| S 18 | 1 59 26 | 28°17'22 | 20°42 | 15° 2 | 1°54 | 26°58 | 8°22 | 0°28 | 27°59 | 27° 5 | 5°38 | 14°54 | 14° 5 | 13°23 | 5°14 |
| M19 | 2 3 22 | 29°17'43 | 3♌3 | 14°41 | 3° 9 | 27°40 | 8°26 | 0°24 | 28° 0 | 27° 7 | 5°38 | 14°55 | 14° 2 | 13°30 | 5°17 |
| T 20 | 2 7 19 | 0♎18'05 | 15°41 | 14°D30 | 4°25 | 28°22 | 8°29 | 0°20 | 28° 0 | 27° 9 | 5°37 | 14°56 | 13°58 | 13°37 | 5°21 |
| W21 | 2 11 15 | 1°18'29 | 28°39 | 14°32 | 5°40 | 29° 4 | 8°33 | 0°16 | 28° 1 | 27°11 | 5°36 | 14°57 | 13°55 | 13°43 | 5°24 |
| T 22 | 2 15 12 | 2°18'54 | 11♎59 | 14°44 | 6°55 | 29°46 | 8°38 | 0°12 | 28° 2 | 27°13 | 5°36 | 14°R58 | 13°52 | 13°50 | 5°27 |
| F 23 | 2 19 8 | 3°19'21 | 25°41 | 15° 6 | 8°11 | 0♎28 | 8°42 | 0° 8 | 28° 3 | 27°15 | 5°35 | 14°58 | 13°49 | 13°57 | 5°30 |
| S 24 | 2 23 5 | 4°19'50 | 9♌42 | 15°38 | 9°26 | 1°10 | 8°46 | 0° 4 | 28° 4 | 27°17 | 5°35 | 14°56 | 13°46 | 14° 3 | 5°34 |
| S 25 | 2 27 1 | 5°20'20 | 23°59 | 16°18 | 10°42 | 1°52 | 8°51 | 0° 0 | 28° 5 | 27°19 | 5°34 | 14°54 | 13°43 | 14°10 | 5°37 |
| M26 | 2 30 58 | 6°20'53 | 8♐27 | 17° 5 | 11°57 | 2°34 | 8°56 | 29♌56 | 28° 6 | 27°21 | 5°34 | 14°51 | 13°39 | 14°17 | 5°41 |
| T 27 | 2 34 54 | 7°21'26 | 22°59 | 17°59 | 13°12 | 3°16 | 9° 1 | 29°51 | 28° 7 | 27°23 | 5°33 | 14°48 | 13°36 | 14°24 | 5°44 |
| W28 | 2 38 51 | 8°22'02 | 7♌30 | 18°59 | 14°28 | 3°59 | 9° 6 | 29°47 | 28° 9 | 27°26 | 5°33 | 14°45 | 13°33 | 14°30 | 5°48 |
| T 29 | 2 42 48 | 9°22'40 | 21°54 | 20° 4 | 15°43 | 4°41 | 9°12 | 29°42 | 28°10 | 27°28 | 5°32 | 14°43 | 13°30 | 14°37 | 5°51 |
| F 30 | 2 46 44 | 10°23'19 | 6♎8 | 21°13 | 16°58 | 5°23 | 9°18 | 29°38 | 28°11 | 27°30 | 5°32 | 14°D42 | 13°27 | 14°44 | 5°55 |
| S 31 | 2 50 41 | 11♎24'00 | 20♎10 | 22°26 | 18♎14 | 6♎6 | 9°≈23 | 29♌33 | 28°R12 | 27♎32 | 5°H31 | 14°42 | 13°23 | 14°51 | 5°59 |

Delta T = 46m19s

Julian Calendar

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SWISS EPHEMERIS for the year 823

NOVEMBER 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|------|
| S 1 | 2 54 37 | 12♌24'42 | 3♍58 | 23♎42 | 19♏29 | 6♐48 | 9♑29 | 29°R29 | 28♒14 | 27♓34 | 5°R31 | 14♈44 | 13♉20 | 14♊57 | 6♋3 |
| M 2 | 2 58 34 | 13°25'27 | 17°33 | 25° 1 | 20°44 | 7°31 | 9°35 | 29♓24 | 28°15 | 27°37 | 5°H31 | 14°45 | 13°17 | 15° 4 | 6° 7 |
| T 3 | 3 2 30 | 14°26'13 | 0♌54 | 26°22 | 22° 0 | 8°13 | 9°42 | 29°19 | 28°17 | 27°39 | 5°30 | 14°47 | 13°14 | 15°11 | 6°10 |
| W 4 | 3 6 27 | 15°27'00 | 14° 3 | 27°45 | 23°15 | 8°56 | 9°48 | 29°15 | 28°18 | 27°41 | 5°30 | 14°R47 | 13°11 | 15°17 | 6°14 |
| T 5 | 3 10 23 | 16°27'49 | 27° 0 | 29°10 | 24°31 | 9°38 | 9°55 | 29°10 | 28°20 | 27°43 | 5°30 | 14°47 | 13° 8 | 15°24 | 6°18 |
| F 6 | 3 14 20 | 17°28'40 | 9♌46 | 0♍36 | 25°46 | 10°21 | 10° 2 | 29° 5 | 28°21 | 27°45 | 5°30 | 14°44 | 13° 4 | 15°31 | 6°23 |
| S 7 | 3 18 17 | 18°29'32 | 22°19 | 2° 4 | 27° 1 | 11° 4 | 10° 9 | 29° 0 | 28°23 | 27°48 | 5°29 | 14°40 | 13° 1 | 15°38 | 6°27 |
| S 8 | 3 22 13 | 19°30'25 | 4♌42 | 3°32 | 28°17 | 11°47 | 10°16 | 28°55 | 28°25 | 27°50 | 5°29 | 14°35 | 12°58 | 15°44 | 6°31 |
| M 9 | 3 26 10 | 20°31'19 | 16°54 | 5° 1 | 29°32 | 12°30 | 10°23 | 28°51 | 28°27 | 27°52 | 5°29 | 14°28 | 12°55 | 15°51 | 6°35 |
| T 10 | 3 30 6 | 21°32'14 | 28°57 | 6°31 | 0♌47 | 13°13 | 10°31 | 28°46 | 28°28 | 27°54 | 5°29 | 14°21 | 12°52 | 15°58 | 6°39 |
| W11 | 3 34 3 | 22°33'11 | 10♌53 | 8° 2 | 2° 3 | 13°55 | 10°38 | 28°41 | 28°30 | 27°57 | 5°29 | 14°14 | 12°49 | 16° 5 | 6°44 |
| T 12 | 3 37 59 | 23°34'08 | 22°45 | 9°33 | 3°18 | 14°38 | 10°46 | 28°36 | 28°32 | 27°59 | 5°29 | 14° 8 | 12°45 | 16°11 | 6°48 |
| F 13 | 3 41 56 | 24°35'06 | 4♌36 | 11° 4 | 4°33 | 15°22 | 10°54 | 28°31 | 28°34 | 28° 1 | 5°29 | 14° 4 | 12°42 | 16°18 | 6°52 |
| S 14 | 3 45 52 | 25°36'05 | 16°30 | 12°35 | 5°49 | 16° 5 | 11° 2 | 28°26 | 28°36 | 28° 3 | 5°28 | 14° 2 | 12°39 | 16°25 | 6°57 |
| S 15 | 3 49 49 | 26°37'04 | 28°33 | 14° 7 | 7° 4 | 16°48 | 11°10 | 28°21 | 28°38 | 28° 6 | 5°28 | 14°D 1 | 12°36 | 16°31 | 7° 1 |
| M16 | 3 53 46 | 27°38'04 | 10♌49 | 15°39 | 8°19 | 17°31 | 11°18 | 28°16 | 28°40 | 28° 8 | 5°D28 | 14° 2 | 12°33 | 16°38 | 7° 6 |
| T 17 | 3 57 42 | 28°39'05 | 23°23 | 17°12 | 9°35 | 18°14 | 11°27 | 28°11 | 28°42 | 28°10 | 5°28 | 14° 4 | 12°29 | 16°45 | 7°11 |
| W18 | 4 1 39 | 29°40'07 | 6♌20 | 18°44 | 10°50 | 18°57 | 11°36 | 28° 6 | 28°44 | 28°13 | 5°29 | 14° 5 | 12°26 | 16°52 | 7°15 |
| T 19 | 4 5 35 | 0♌41'09 | 19°43 | 20°17 | 12° 5 | 19°41 | 11°44 | 28° 1 | 28°47 | 28°15 | 5°29 | 14°R 5 | 12°23 | 16°58 | 7°20 |
| F 20 | 4 9 32 | 1°42'11 | 3♌33 | 21°50 | 13°21 | 20°24 | 11°53 | 27°56 | 28°49 | 28°17 | 5°29 | 14° 3 | 12°20 | 17° 5 | 7°24 |
| S 21 | 4 13 28 | 2°43'15 | 17°50 | 23°22 | 14°36 | 21° 7 | 12° 2 | 27°51 | 28°51 | 28°19 | 5°29 | 13°59 | 12°17 | 17°12 | 7°29 |
| S 22 | 4 17 25 | 3°44'19 | 2♌29 | 24°55 | 15°51 | 21°51 | 12°11 | 27°46 | 28°53 | 28°22 | 5°29 | 13°53 | 12°14 | 17°18 | 7°34 |
| M23 | 4 21 21 | 4°45'24 | 17°23 | 26°29 | 17° 7 | 22°34 | 12°21 | 27°41 | 28°56 | 28°24 | 5°29 | 13°45 | 12°10 | 17°25 | 7°39 |
| T 24 | 4 25 18 | 5°46'30 | 2♌25 | 28° 2 | 18°22 | 23°18 | 12°30 | 27°36 | 28°58 | 28°26 | 5°29 | 13°37 | 12° 7 | 17°32 | 7°44 |
| W25 | 4 29 15 | 6°47'36 | 17°23 | 29°35 | 19°37 | 24° 2 | 12°40 | 27°32 | 29° 1 | 28°28 | 5°29 | 13°29 | 12° 4 | 17°39 | 7°48 |
| T 26 | 4 33 11 | 7°48'43 | 2♌ 9 | 1♌ 9 | 20°52 | 24°45 | 12°49 | 27°27 | 29° 3 | 28°31 | 5°30 | 13°22 | 12° 1 | 17°45 | 7°53 |
| F 27 | 4 37 8 | 8°49'52 | 16°38 | 2°42 | 22° 8 | 25°29 | 12°59 | 27°22 | 29° 5 | 28°33 | 5°30 | 13°18 | 11°58 | 17°52 | 7°58 |
| S 28 | 4 41 4 | 9°51'00 | 0♍45 | 4°16 | 23°23 | 26°13 | 13° 9 | 27°17 | 29° 8 | 28°35 | 5°30 | 13°15 | 11°54 | 17°59 | 8° 3 |
| S 29 | 4 45 1 | 10°52'10 | 14°30 | 5°50 | 24°38 | 26°56 | 13°19 | 27°12 | 29°11 | 28°37 | 5°31 | 13°D15 | 11°51 | 18° 6 | 8° 8 |
| M30 | 4 48 57 | 11♌53'21 | 27♍55 | 7♎24 | 25♏53 | 27♐40 | 13♑30 | 27♒ 8 | 29♓13 | 28♔40 | 5°H31 | 13♈16 | 11♉48 | 18♊12 | 8♋13 |

Delta T = 46m18s

Julian Calendar 1 Nov. 823 == Greg. Calendar 5 Nov. 823

DECEMBER 823 C.E.JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|
| T 1 | 4 52 54 | 12♌54'32 | 11♌ 1 | 8♌58 | 27♌ 9 | 28♍24 | 13♎40 | 27°R 3 | 29♓16 | 28♔42 | 5°H31 | 13°R16 | 11♈45 | 18♊19 | 8♋18 |
| W 2 | 4 56 50 | 13°55'43 | 23°51 | 10°33 | 28°24 | 29° 8 | 13°50 | 26♓58 | 29°19 | 28°44 | 5°32 | 13♈16 | 11°42 | 18°26 | 8°23 |
| T 3 | 5 0 47 | 14°56'56 | 6♌28 | 12° 7 | 29°39 | 29°52 | 14° 1 | 26°54 | 29°21 | 28°46 | 5°32 | 13°13 | 11°39 | 18°32 | 8°28 |
| F 4 | 5 4 44 | 15°58'09 | 18°55 | 13°42 | 0♌54 | 0♌36 | 14°11 | 26°49 | 29°24 | 28°48 | 5°33 | 13° 8 | 11°35 | 18°39 | 8°34 |
| S 5 | 5 8 40 | 16°59'22 | 1♌13 | 15°17 | 2°10 | 1°20 | 14°22 | 26°45 | 29°27 | 28°51 | 5°33 | 12°59 | 11°32 | 18°46 | 8°39 |
| S 6 | 5 12 37 | 18° 0'36 | 13°23 | 16°53 | 3°25 | 2° 4 | 14°33 | 26°40 | 29°30 | 28°53 | 5°33 | 12°48 | 11°29 | 18°53 | 8°44 |
| M 7 | 5 16 33 | 19° 1'50 | 25°27 | 18°29 | 4°40 | 2°48 | 14°44 | 26°36 | 29°32 | 28°55 | 5°34 | 12°36 | 11°26 | 18°59 | 8°49 |
| T 8 | 5 20 30 | 20° 3'04 | 7♌25 | 20° 5 | 5°55 | 3°32 | 14°55 | 26°31 | 29°35 | 28°57 | 5°34 | 12°22 | 11°23 | 19° 6 | 8°54 |
| W 9 | 5 24 26 | 21° 4'18 | 19°18 | 21°41 | 7°11 | 4°17 | 15° 6 | 26°27 | 29°38 | 28°59 | 5°35 | 12° 9 | 11°20 | 19°13 | 9° 0 |
| T 10 | 5 28 23 | 22° 5'32 | 1♌ 9 | 23°17 | 8°26 | 5° 1 | 15°18 | 26°23 | 29°41 | 29° 1 | 5°36 | 11°57 | 11°16 | 19°20 | 9° 5 |
| F 11 | 5 32 20 | 23° 6'45 | 12°59 | 24°54 | 9°41 | 5°45 | 15°29 | 26°19 | 29°44 | 29° 3 | 5°36 | 11°47 | 11°13 | 19°26 | 9°10 |
| S 12 | 5 36 16 | 24° 7'59 | 24°53 | 26°32 | 10°56 | 6°30 | 15°41 | 26°15 | 29°47 | 29° 5 | 5°37 | 11°41 | 11°10 | 19°33 | 9°15 |
| S 13 | 5 40 13 | 25° 9'12 | 6♌53 | 28° 9 | 12°11 | 7°14 | 15°52 | 26°11 | 29°50 | 29° 8 | 5°37 | 11°37 | 11° 7 | 19°40 | 9°21 |
| M14 | 5 44 9 | 26°10'25 | 19° 4 | 29°47 | 13°26 | 7°58 | 16° 4 | 26° 7 | 29°53 | 29°10 | 5°38 | 11°35 | 11° 4 | 19°46 | 9°26 |
| T 15 | 5 48 6 | 27°11'38 | 1♌32 | 1♌26 | 14°41 | 8°43 | 16°16 | 26° 3 | 29°56 | 29°12 | 5°39 | 11°D35 | 11° 0 | 19°53 | 9°31 |
| W16 | 5 52 2 | 28°12'50 | 14°22 | 3° 4 | 15°56 | 9°27 | 16°27 | 25°59 | 29°59 | 29°14 | 5°40 | 11°R35 | 10°57 | 20° 0 | 9°37 |
| T 17 | 5 55 59 | 29°14'01 | 27°37 | 4°43 | 17°12 | 10°12 | 16°39 | 25°55 | 0♌ 2 | 29°16 | 5°40 | 11°34 | 10°54 | 20° 7 | 9°42 |
| F 18 | 5 59 55 | 0♌15'12 | 11♌22 | 6°23 | 18°27 | 10°56 | 16°51 | 25°52 | 0° 5 | 29°18 | 5°41 | 11°31 | 10°51 | 20°13 | 9°47 |
| S 19 | 6 3 52 | 1°16'23 | 25°38 | 8° 2 | 19°42 | 11°41 | 17° 4 | 25°48 | 0° 9 | 29°20 | 5°42 | 11°26 | 10°48 | 20°20 | 9°53 |
| S 20 | 6 7 49 | 2°17'33 | 10♌22 | 9°42 | 20°57 | 12°26 | 17°16 | 25°44 | 0°12 | 29°22 | 5°43 | 11°17 | 10°45 | 20°27 | 9°58 |
| M21 | 6 11 45 | 3°18'43 | 25°28 | 11°22 | 22°12 | 13°10 | 17°28 | 25°41 | 0°15 | 29°24 | 5°43 | 11° 7 | 10°41 | 20°33 | 10° 3 |
| T 22 | 6 15 42 | 4°19'52 | 10♌46 | 13° 3 | 23°27 | 13°55 | 17°41 | 25°38 | 0°18 | 29°26 | 5°44 | 10°55 | 10°38 | 20°40 | 10° 9 |
| W23 | 6 19 38 | 5°21'01 | 26° 5 | 14°43 | 24°42 | 14°40 | 17°53 | 25°35 | 0°21 | 29°28 | 5°45 | 10°44 | 10°35 | 20°47 | 10°14 |
| T 24 | 6 23 35 | 6°22'10 | 11♌13 | 16°24 | 25°57 | 15°25 | 18° 5 | 25°31 | 0°25 | 29°30 | 5°46 | 10°34 | 10°32 | 20°54 | 10°19 |
| F 25 | 6 27 31 | 7°23'18 | 26° 2 | 18° 5 | 27°12 | 16°10 | 18°18 | 25°28 | 0°28 | 29°31 | 5°47 | 10°27 | 10°29 | 21° 0 | 10°25 |
| S 26 | 6 31 28 | 8°24'25 | 10♌24 | 19°46 | 28°27 | 16°55 | 18°31 | 25°25 | 0°31 | 29°33 | 5°48 | 10°22 | 10°26 | 21° 7 | 10°30 |
| S 27 | 6 35 24 | 9°25'33 | 24°19 | 21°26 | 29°41 | 17°39 | 18°44 | 25°23 | 0°34 | 29°35 | 5°49 | 10°20 | 10°22 | 21°14 | 10°36 |
| M28 | 6 39 21 | 10°26'40 | 7♌47 | 23° 6 | 0♌56 | 18°24 | 18°56 | 25°20 | 0°38 | 29°37 | 5°50 | 10°20 | 10°19 | 21°21 | 10°41 |
| T 29 | 6 43 18 | 11°27'47 | 20°51 | 24°46 | 2°11 | 19° 9 | 19° 9 | 25°17 | 0°41 | 29°39 | 5°51 | 10°20 | 10°16 | 21°27 | 10°46 |
| W30 | 6 47 14 | 12°28'53 | 3♌34 | 26°25 | 3°26 | 19°55 | 19°22 | 25°15 | 0°44 | 29°41 | 5°52 | 10°19 | 10°13 | 21°34 | 10°52 |
| T 31 | 6 51 11 | 13♌29'59 | 16♌ 2 | 28♌ 3 | 4♌41 | 20♌40 | 19♑35 | 25♒12 | 0♌48 | 29♓42 | 5°H53 | 10♈15 | 10♉10 | 21♊41 | 10♋57 |

Delta T = 46m17s

Julian Calendar

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