

SWISS EPHEMERIS for the year 1845
heliocentric

JANUARY 1845

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| Day | Sid.t | Terra | ☾ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ |
|------|---------|----------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| W 1 | 6 42 1 | 10°30'28 | 10°39 | 10°54 | 19°59 | 18°30 | 8°13 | 8°50 | 5°18 | 23°9 | 23°9 | 12°5 |
| T 2 | 6 45 58 | 11°31'38 | 11°40 | 16°54 | 21°36 | 18°58 | 8°18 | 8°52 | 5°18 | 23°9 | 23°9 | 12°8 |
| F 3 | 6 49 54 | 12°32'48 | 12°41 | 23°0 | 23°12 | 19°26 | 8°24 | 8°54 | 5°19 | 23°10 | 23°9 | 12°10 |
| S 4 | 6 53 51 | 13°33'58 | 13°41 | 29°11 | 24°49 | 19°54 | 8°29 | 8°55 | 5°19 | 23°10 | 23°10 | 12°13 |
| S 5 | 6 57 47 | 14°35'09 | 14°41 | 5°26 | 26°25 | 20°22 | 8°35 | 8°57 | 5°20 | 23°11 | 23°10 | 12°16 |
| M 6 | 7 1 44 | 15°36'20 | 15°41 | 11°44 | 28°2 | 20°50 | 8°40 | 8°59 | 5°21 | 23°11 | 23°10 | 12°18 |
| T 7 | 7 5 40 | 16°37'31 | 16°40 | 18°3 | 29°38 | 21°18 | 8°46 | 9°1 | 5°21 | 23°11 | 23°10 | 12°21 |
| W 8 | 7 9 37 | 17°38'41 | 17°39 | 24°22 | 1°15 | 21°46 | 8°51 | 9°3 | 5°22 | 23°12 | 23°10 | 12°24 |
| T 9 | 7 13 33 | 18°39'52 | 18°38 | 0°39 | 2°51 | 22°14 | 8°57 | 9°5 | 5°23 | 23°12 | 23°10 | 12°27 |
| F 10 | 7 17 30 | 19°41'02 | 19°38 | 6°53 | 4°27 | 22°42 | 9°2 | 9°6 | 5°23 | 23°12 | 23°11 | 12°29 |
| S 11 | 7 21 27 | 20°42'11 | 20°37 | 13°3 | 6°3 | 23°10 | 9°8 | 9°8 | 5°24 | 23°13 | 23°11 | 12°32 |
| S 12 | 7 25 23 | 21°43'20 | 21°37 | 19°6 | 7°40 | 23°38 | 9°13 | 9°10 | 5°25 | 23°13 | 23°11 | 12°35 |
| M13 | 7 29 20 | 22°44'28 | 22°37 | 25°3 | 9°16 | 24°6 | 9°19 | 9°12 | 5°25 | 23°13 | 23°11 | 12°38 |
| T 14 | 7 33 16 | 23°45'35 | 23°37 | 0°51 | 10°52 | 24°35 | 9°24 | 9°14 | 5°26 | 23°14 | 23°11 | 12°40 |
| W15 | 7 37 13 | 24°46'42 | 24°38 | 6°31 | 12°28 | 25°3 | 9°30 | 9°16 | 5°27 | 23°14 | 23°11 | 12°43 |
| T 16 | 7 41 9 | 25°47'48 | 25°39 | 12°2 | 14°4 | 25°31 | 9°35 | 9°18 | 5°27 | 23°15 | 23°12 | 12°46 |
| F 17 | 7 45 6 | 26°48'53 | 26°40 | 17°24 | 15°40 | 25°59 | 9°41 | 9°19 | 5°28 | 23°15 | 23°12 | 12°48 |
| S 18 | 7 49 2 | 27°49'57 | 27°42 | 22°36 | 17°16 | 26°28 | 9°46 | 9°21 | 5°29 | 23°15 | 23°12 | 12°51 |
| S 19 | 7 52 59 | 28°51'01 | 28°44 | 27°38 | 18°51 | 26°56 | 9°52 | 9°23 | 5°29 | 23°16 | 23°12 | 12°54 |
| M20 | 7 56 56 | 29°52'03 | 29°46 | 2°31 | 20°27 | 27°25 | 9°57 | 9°25 | 5°30 | 23°16 | 23°12 | 12°57 |
| T 21 | 8 0 52 | 0°53'05 | 0°49 | 7°14 | 22°3 | 27°53 | 10°3 | 9°27 | 5°30 | 23°16 | 23°12 | 12°59 |
| W22 | 8 4 49 | 1°54'05 | 1°51 | 11°48 | 23°39 | 28°22 | 10°8 | 9°29 | 5°31 | 23°17 | 23°13 | 13°2 |
| T 23 | 8 8 45 | 2°55'05 | 2°54 | 16°13 | 25°14 | 28°50 | 10°14 | 9°31 | 5°32 | 23°17 | 23°13 | 13°5 |
| F 24 | 8 12 42 | 3°56'04 | 3°57 | 20°30 | 26°50 | 29°19 | 10°19 | 9°32 | 5°32 | 23°17 | 23°13 | 13°8 |
| S 25 | 8 16 38 | 4°57'02 | 5°0 | 24°39 | 28°26 | 29°48 | 10°25 | 9°34 | 5°33 | 23°18 | 23°13 | 13°10 |
| S 26 | 8 20 35 | 5°57'59 | 6°2 | 28°41 | 0°1 | 0°16 | 10°30 | 9°36 | 5°34 | 23°18 | 23°13 | 13°13 |
| M27 | 8 24 31 | 6°58'56 | 7°5 | 2°35 | 1°37 | 0°45 | 10°36 | 9°38 | 5°34 | 23°19 | 23°13 | 13°16 |
| T 28 | 8 28 28 | 7°59'51 | 8°7 | 6°22 | 3°12 | 1°14 | 10°41 | 9°40 | 5°35 | 23°19 | 23°14 | 13°19 |
| W29 | 8 32 25 | 9°0'46 | 9°9 | 10°4 | 4°48 | 1°42 | 10°47 | 9°42 | 5°36 | 23°19 | 23°14 | 13°21 |
| T 30 | 8 36 21 | 10°1'40 | 10°10 | 13°39 | 6°23 | 2°11 | 10°52 | 9°43 | 5°36 | 23°20 | 23°14 | 13°24 |
| F 31 | 8 40 18 | 11°2'34 | 11°11 | 17°5 | 7°58 | 2°40 | 10°58 | 9°45 | 5°37 | 23°20 | 23°14 | 13°27 |

Delta T = 6.08 sec.

FEBRUARY 1845

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| Day | Sid.t | Terra | ☾ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| S 1 | 8 44 14 | 12°3'26 | 12°12 | 20°34 | 9°34 | 3°9 | 11°3 | 9°47 | 5°38 | 23°20 | 23°14 | 13°30 |
| S 2 | 8 48 11 | 13°4'18 | 13°12 | 23°54 | 11°9 | 3°38 | 11°9 | 9°49 | 5°38 | 23°21 | 23°14 | 13°32 |
| M 3 | 8 52 7 | 14°5'09 | 14°12 | 27°10 | 12°44 | 4°7 | 11°14 | 9°51 | 5°39 | 23°21 | 23°15 | 13°35 |
| T 4 | 8 56 4 | 15°5'59 | 15°11 | 0°22 | 14°20 | 4°36 | 11°20 | 9°53 | 5°40 | 23°21 | 23°15 | 13°38 |
| W 5 | 9 0 1 | 16°6'48 | 16°10 | 3°30 | 15°55 | 5°5 | 11°25 | 9°55 | 5°40 | 23°22 | 23°15 | 13°41 |
| T 6 | 9 3 57 | 17°7'36 | 17°9 | 6°34 | 17°30 | 5°34 | 11°31 | 9°56 | 5°41 | 23°22 | 23°15 | 13°43 |
| F 7 | 9 7 54 | 18°8'23 | 18°8 | 9°36 | 19°5 | 6°4 | 11°36 | 9°58 | 5°41 | 23°23 | 23°15 | 13°46 |
| S 8 | 9 11 50 | 19°9'08 | 19°7 | 12°35 | 20°40 | 6°33 | 11°42 | 10°0 | 5°42 | 23°23 | 23°15 | 13°49 |
| S 9 | 9 15 47 | 20°9'52 | 20°6 | 15°32 | 22°15 | 7°2 | 11°47 | 10°2 | 5°43 | 23°23 | 23°16 | 13°51 |
| M10 | 9 19 43 | 21°10'34 | 21°5 | 18°26 | 23°50 | 7°31 | 11°53 | 10°4 | 5°43 | 23°24 | 23°16 | 13°54 |
| T 11 | 9 23 40 | 22°11'15 | 22°4 | 21°18 | 25°25 | 8°1 | 11°58 | 10°6 | 5°44 | 23°24 | 23°16 | 13°57 |
| W12 | 9 27 36 | 23°11'54 | 23°4 | 24°9 | 27°0 | 8°30 | 12°4 | 10°8 | 5°45 | 23°24 | 23°16 | 14°0 |
| T 13 | 9 31 33 | 24°12'32 | 24°4 | 26°58 | 28°35 | 8°59 | 12°9 | 10°9 | 5°45 | 23°25 | 23°16 | 14°2 |
| F 14 | 9 35 29 | 25°13'07 | 25°4 | 29°45 | 0°10 | 9°29 | 12°15 | 10°11 | 5°46 | 23°25 | 23°16 | 14°5 |
| S 15 | 9 39 26 | 26°13'41 | 26°4 | 2°32 | 1°45 | 9°58 | 12°20 | 10°13 | 5°47 | 23°25 | 23°17 | 14°8 |
| S 16 | 9 43 23 | 27°14'13 | 27°5 | 5°18 | 3°20 | 10°28 | 12°26 | 10°15 | 5°47 | 23°26 | 23°17 | 14°11 |
| M17 | 9 47 19 | 28°14'44 | 28°7 | 8°3 | 4°55 | 10°58 | 12°31 | 10°17 | 5°48 | 23°26 | 23°17 | 14°13 |
| T 18 | 9 51 16 | 29°15'12 | 29°8 | 10°48 | 6°30 | 11°27 | 12°37 | 10°19 | 5°49 | 23°27 | 23°17 | 14°16 |
| W19 | 9 55 12 | 0°15'39 | 0°10 | 13°33 | 8°5 | 11°57 | 12°42 | 10°20 | 5°49 | 23°27 | 23°17 | 14°19 |
| T 20 | 9 59 9 | 1°16'04 | 1°12 | 16°18 | 9°40 | 12°27 | 12°48 | 10°22 | 5°50 | 23°27 | 23°17 | 14°22 |
| F 21 | 10 3 5 | 2°16'27 | 2°14 | 19°2 | 11°15 | 12°57 | 12°53 | 10°24 | 5°51 | 23°28 | 23°17 | 14°24 |
| S 22 | 10 7 2 | 3°16'49 | 3°16 | 21°48 | 12°50 | 13°26 | 12°59 | 10°26 | 5°51 | 23°28 | 23°18 | 14°27 |
| S 23 | 10 10 58 | 4°17'08 | 4°18 | 24°34 | 14°25 | 13°56 | 13°4 | 10°28 | 5°52 | 23°28 | 23°18 | 14°30 |
| M24 | 10 14 55 | 5°17'26 | 5°21 | 27°20 | 15°59 | 14°26 | 13°10 | 10°30 | 5°52 | 23°29 | 23°18 | 14°33 |
| T 25 | 10 18 52 | 6°17'43 | 6°23 | 0°3 | 17°34 | 14°56 | 13°15 | 10°32 | 5°53 | 23°29 | 23°18 | 14°35 |
| W26 | 10 22 48 | 7°17'57 | 7°24 | 2°57 | 19°9 | 15°26 | 13°21 | 10°33 | 5°54 | 23°29 | 23°18 | 14°38 |
| T 27 | 10 26 45 | 8°18'11 | 8°26 | 5°47 | 20°44 | 15°56 | 13°26 | 10°35 | 5°54 | 23°30 | 23°18 | 14°41 |
| F 28 | 10 30 41 | 9°18'23 | 9°27 | 8°40 | 22°19 | 16°26 | 13°32 | 10°37 | 5°55 | 23°30 | 23°19 | 14°44 |

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SWISS EPHEMERIS for the year 1845
heliocentric

MARCH 1845

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| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♄ |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|
| S 1 | 10 34 38 | 10 ^h 18'33 | 10 ^m 27 | 11 ^h 34 | 23 ^h 54 | 16 ^m 57 | 13 ^h 37 | 10 ^m 39 | 5 ^h 56 | 23 ^m 30 | 23 ^h 19 | 14 ^m 46 |
| S 2 | 10 38 34 | 11°18'42 | 11°27 | 14°30 | 25°29 | 17°27 | 13°43 | 10°41 | 5°56 | 23°31 | 23°19 | 14°49 |
| M 3 | 10 42 31 | 12°18'49 | 12°27 | 17°28 | 27° 3 | 17°57 | 13°48 | 10°43 | 5°57 | 23°31 | 23°19 | 14°52 |
| T 4 | 10 46 27 | 13°18'55 | 13°26 | 20°29 | 28°38 | 18°27 | 13°54 | 10°45 | 5°58 | 23°32 | 23°19 | 14°55 |
| W 5 | 10 50 24 | 14°18'59 | 14°25 | 23°33 | 0 ^m 13 | 18°58 | 13°59 | 10°46 | 5°58 | 23°32 | 23°19 | 14°57 |
| T 6 | 10 54 21 | 15°19'02 | 15°23 | 26°41 | 1°48 | 19°28 | 14° 5 | 10°48 | 5°59 | 23°32 | 23°20 | 15° 0 |
| F 7 | 10 58 17 | 16°19'02 | 16°21 | 29°51 | 3°23 | 19°59 | 14°10 | 10°50 | 6° 0 | 23°33 | 23°20 | 15° 3 |
| S 8 | 11 2 14 | 17°19'01 | 17°20 | 3 ^m 6 | 4°58 | 20°29 | 14°16 | 10°52 | 6° 0 | 23°33 | 23°20 | 15° 6 |
| S 9 | 11 6 10 | 18°18'58 | 18°18 | 6°24 | 6°32 | 21° 0 | 14°21 | 10°54 | 6° 1 | 23°33 | 23°20 | 15° 8 |
| M10 | 11 10 7 | 19°18'53 | 19°16 | 9°47 | 8° 7 | 21°30 | 14°26 | 10°56 | 6° 2 | 23°34 | 23°20 | 15°11 |
| T 11 | 11 14 3 | 20°18'46 | 20°14 | 13°14 | 9°42 | 22° 1 | 14°32 | 10°57 | 6° 2 | 23°34 | 23°20 | 15°14 |
| W12 | 11 18 0 | 21°18'36 | 21°12 | 16°47 | 11°17 | 22°32 | 14°37 | 10°59 | 6° 3 | 23°34 | 23°21 | 15°17 |
| T 13 | 11 21 56 | 22°18'25 | 22°11 | 20°24 | 12°52 | 23° 3 | 14°43 | 11° 1 | 6° 3 | 23°35 | 23°21 | 15°19 |
| F 14 | 11 25 53 | 23°18'12 | 23°10 | 24° 8 | 14°27 | 23°33 | 14°48 | 11° 3 | 6° 4 | 23°35 | 23°21 | 15°22 |
| S 15 | 11 29 50 | 24°17'56 | 24° 9 | 27°58 | 16° 2 | 24° 4 | 14°54 | 11° 5 | 6° 5 | 23°36 | 23°21 | 15°25 |
| S 16 | 11 33 46 | 25°17'38 | 25° 8 | 1 ^h 54 | 17°37 | 24°35 | 14°59 | 11° 7 | 6° 5 | 23°36 | 23°21 | 15°28 |
| M17 | 11 37 43 | 26°17'18 | 26° 8 | 5°56 | 19°12 | 25° 6 | 15° 5 | 11° 9 | 6° 6 | 23°36 | 23°21 | 15°30 |
| T 18 | 11 41 39 | 27°16'55 | 27° 8 | 10° 6 | 20°47 | 25°37 | 15°10 | 11°10 | 6° 7 | 23°37 | 23°22 | 15°33 |
| W19 | 11 45 36 | 28°16'30 | 28° 9 | 14°24 | 22°22 | 26° 8 | 15°16 | 11°12 | 6° 7 | 23°37 | 23°22 | 15°36 |
| T 20 | 11 49 32 | 29°16'03 | 29° 9 | 18°50 | 23°57 | 26°40 | 15°21 | 11°14 | 6° 8 | 23°37 | 23°22 | 15°39 |
| F 21 | 11 53 29 | 0 ^h 15'34 | 0 ^h 10 | 23°23 | 25°32 | 27°11 | 15°27 | 11°16 | 6° 9 | 23°38 | 23°22 | 15°41 |
| S 22 | 11 57 25 | 1°15'02 | 1°12 | 28° 6 | 27° 7 | 27°42 | 15°32 | 11°18 | 6° 9 | 23°38 | 23°22 | 15°44 |
| S 23 | 12 1 22 | 2°14'28 | 2°13 | 2 ^h 57 | 28°42 | 28°13 | 15°38 | 11°20 | 6°10 | 23°38 | 23°22 | 15°47 |
| M24 | 12 5 18 | 3°13'52 | 3°14 | 7°57 | 0 ^h 17 | 28°45 | 15°43 | 11°22 | 6°11 | 23°39 | 23°23 | 15°50 |
| T 25 | 12 9 15 | 4°13'14 | 4°15 | 13° 6 | 1°52 | 29°16 | 15°49 | 11°23 | 6°11 | 23°39 | 23°23 | 15°53 |
| W26 | 12 13 12 | 5°12'34 | 5°17 | 18°25 | 3°27 | 29°47 | 15°54 | 11°25 | 6°12 | 23°40 | 23°23 | 15°55 |
| T 27 | 12 17 8 | 6°11'53 | 6°17 | 23°52 | 5° 2 | 0 ^h 19 | 16° 0 | 11°27 | 6°13 | 23°40 | 23°23 | 15°58 |
| F 28 | 12 21 5 | 7°11'09 | 7°18 | 29°28 | 6°37 | 0°51 | 16° 5 | 11°29 | 6°13 | 23°40 | 23°23 | 16° 1 |
| S 29 | 12 25 1 | 8°10'24 | 8°18 | 5 ^h 13 | 8°12 | 1°22 | 16°11 | 11°31 | 6°14 | 23°41 | 23°23 | 16° 4 |
| S 30 | 12 28 58 | 9° 9'37 | 9°18 | 11° 6 | 9°47 | 1°54 | 16°16 | 11°33 | 6°14 | 23°41 | 23°24 | 16° 6 |
| MB1 | 12 32 54 | 10 ^h 8'48 | 10 ^h 17 | 17 ^h 5 | 11 ^h 22 | 2 ^h 26 | 16 ^h 22 | 11 ^h 35 | 6 ^h 15 | 23 ^m 41 | 23 ^h 24 | 16 ^m 9 |

Delta T = 6.11 sec.

APRIL 1845

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| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♄ |
|------|----------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|
| T 1 | 12 36 51 | 11 ^h 7'57 | 11 ^h 16 | 23 ^h 11 | 12 ^h 58 | 2 ^h 57 | 16 ^h 27 | 11 ^h 36 | 6 ^h 16 | 23 ^m 42 | 23 ^h 24 | 16 ^m 12 |
| W 2 | 12 40 47 | 12° 7'05 | 12°15 | 29°23 | 14°33 | 3°29 | 16°33 | 11°38 | 6°16 | 23°42 | 23°24 | 16°15 |
| T 3 | 12 44 44 | 13° 6'11 | 13°13 | 5 ^h 38 | 16° 8 | 4° 1 | 16°38 | 11°40 | 6°17 | 23°42 | 23°24 | 16°17 |
| F 4 | 12 48 41 | 14° 5'15 | 14°10 | 11°56 | 17°43 | 4°33 | 16°44 | 11°42 | 6°18 | 23°43 | 23°24 | 16°20 |
| S 5 | 12 52 37 | 15° 4'17 | 15° 8 | 18°15 | 19°19 | 5° 5 | 16°49 | 11°44 | 6°18 | 23°43 | 23°24 | 16°23 |
| S 6 | 12 56 34 | 16° 3'17 | 16° 5 | 24°34 | 20°54 | 5°37 | 16°55 | 11°46 | 6°19 | 23°44 | 23°25 | 16°26 |
| M 7 | 13 0 30 | 17° 2'15 | 17° 2 | 0 ^h 51 | 22°29 | 6° 9 | 17° 0 | 11°47 | 6°20 | 23°44 | 23°25 | 16°28 |
| T 8 | 13 4 27 | 18° 1'12 | 17°59 | 7° 5 | 24° 5 | 6°41 | 17° 6 | 11°49 | 6°20 | 23°44 | 23°25 | 16°31 |
| W 9 | 13 8 23 | 19° 0'06 | 18°56 | 13°14 | 25°40 | 7°14 | 17°11 | 11°51 | 6°21 | 23°45 | 23°25 | 16°34 |
| T 10 | 13 12 20 | 19°58'58 | 19°53 | 19°17 | 27°15 | 7°46 | 17°17 | 11°53 | 6°22 | 23°45 | 23°25 | 16°37 |
| F 11 | 13 16 16 | 20°57'48 | 20°51 | 25°13 | 28°51 | 8°18 | 17°22 | 11°55 | 6°22 | 23°45 | 23°25 | 16°39 |
| S 12 | 13 20 13 | 21°56'35 | 21°49 | 1 ^h 2 | 0 ^h 26 | 8°51 | 17°28 | 11°57 | 6°23 | 23°46 | 23°26 | 16°42 |
| S 13 | 13 24 10 | 22°55'21 | 22°47 | 6°42 | 2° 2 | 9°23 | 17°33 | 11°59 | 6°24 | 23°46 | 23°26 | 16°45 |
| M14 | 13 28 6 | 23°54'04 | 23°45 | 12°12 | 3°37 | 9°56 | 17°39 | 12° 0 | 6°24 | 23°46 | 23°26 | 16°48 |
| T 15 | 13 32 3 | 24°52'45 | 24°44 | 17°34 | 5°13 | 10°28 | 17°44 | 12° 2 | 6°25 | 23°47 | 23°26 | 16°51 |
| W16 | 13 35 59 | 25°51'24 | 25°43 | 22°45 | 6°48 | 11° 1 | 17°50 | 12° 4 | 6°25 | 23°47 | 23°26 | 16°53 |
| T 17 | 13 39 56 | 26°50'00 | 26°42 | 27°47 | 8°24 | 11°34 | 17°55 | 12° 6 | 6°26 | 23°48 | 23°26 | 16°56 |
| F 18 | 13 43 52 | 27°48'35 | 27°41 | 2 ^h 39 | 9°59 | 12° 6 | 18° 1 | 12° 8 | 6°27 | 23°48 | 23°27 | 16°59 |
| S 19 | 13 47 49 | 28°47'07 | 28°41 | 7°22 | 11°35 | 12°39 | 18° 6 | 12°10 | 6°27 | 23°48 | 23°27 | 17° 2 |
| S 20 | 13 51 45 | 29°45'37 | 29°41 | 11°56 | 13°11 | 13°12 | 18°12 | 12°12 | 6°28 | 23°49 | 23°27 | 17° 4 |
| M21 | 13 55 42 | 0 ^h 44'05 | 0 ^h 42 | 16°21 | 14°46 | 13°45 | 18°17 | 12°13 | 6°29 | 23°49 | 23°27 | 17° 7 |
| T 22 | 13 59 38 | 1°42'31 | 1°42 | 20°38 | 16°22 | 14°18 | 18°23 | 12°15 | 6°29 | 23°49 | 23°27 | 17°10 |
| W23 | 14 3 35 | 2°40'55 | 2°42 | 24°47 | 17°58 | 14°51 | 18°28 | 12°17 | 6°30 | 23°50 | 23°27 | 17°13 |
| T 24 | 14 7 32 | 3°39'17 | 3°43 | 28°48 | 19°33 | 15°24 | 18°34 | 12°19 | 6°31 | 23°50 | 23°28 | 17°15 |
| F 25 | 14 11 28 | 4°37'38 | 4°43 | 2 ^h 42 | 21° 9 | 15°57 | 18°39 | 12°21 | 6°31 | 23°50 | 23°28 | 17°18 |
| S 26 | 14 15 25 | 5°35'57 | 5°42 | 6°29 | 22°45 | 16°30 | 18°45 | 12°23 | 6°32 | 23°51 | 23°28 | 17°21 |
| S 27 | 14 19 21 | 6°34'15 | 6°42 | 10°10 | 24°21 | 17° 4 | 18°50 | 12°25 | 6°33 | 23°51 | 23°28 | 17°24 |
| M28 | 14 23 18 | 7°32'31 | 7°41 | 13°46 | 25°57 | 17°37 | 18°56 | 12°26 | 6°33 | 23°51 | 23°28 | 17°27 |
| T 29 | 14 27 14 | 8°30'45 | 8°39 | 17°15 | 27°32 | 18°10 | 19° 1 | 12°28 | 6°34 | 23°52 | 23°28 | 17°29 |
| W30 | 14 31 11 | 9 ^h 28'58 | 9 ^h 37 | 20 ^h 40 | 29 ^h 8 | 18 ^h 44 | 19 ^h 7 | 12 ^h 30 | 6 ^h 35 | 23 ^m 52 | 23 ^h 29 | 17 ^m 32 |

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SWISS EPHEMERIS for the year 1845
heliocentric

MAY 1845

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| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♁ |
|------|----------|----------|-------|-------|--------|-------|-------|-------|------|-------|-------|-------|
| T 1 | 14 35 8 | 10M27'09 | 10M35 | 24♁ 0 | 0♁44 | 19♁17 | 19♁12 | 12♁32 | 6♁35 | 23♁53 | 23♁29 | 17♁35 |
| F 2 | 14 39 4 | 11°25'19 | 11°32 | 27°16 | 2°20 | 19°51 | 19°18 | 12°34 | 6°36 | 23°53 | 23°29 | 17°38 |
| S 3 | 14 43 1 | 12°23'28 | 12°29 | 0M27 | 3°56 | 20°24 | 19°23 | 12°36 | 6°36 | 23°53 | 23°29 | 17°40 |
| S 4 | 14 46 57 | 13°21'35 | 13°26 | 3°35 | 5°32 | 20°58 | 19°29 | 12°38 | 6°37 | 23°54 | 23°29 | 17°43 |
| M 5 | 14 50 54 | 14°19'40 | 14°22 | 6°40 | 7° 8 | 21°32 | 19°34 | 12°39 | 6°38 | 23°54 | 23°29 | 17°46 |
| T 6 | 14 54 50 | 15°17'44 | 15°18 | 9°42 | 8°44 | 22° 6 | 19°40 | 12°41 | 6°38 | 23°54 | 23°30 | 17°49 |
| W 7 | 14 58 47 | 16°15'47 | 16°15 | 12°41 | 10°20 | 22°39 | 19°45 | 12°43 | 6°39 | 23°55 | 23°30 | 17°51 |
| T 8 | 15 2 43 | 17°13'47 | 17°11 | 15°37 | 11°56 | 23°13 | 19°51 | 12°45 | 6°40 | 23°55 | 23°30 | 17°54 |
| F 9 | 15 6 40 | 18°11'47 | 18° 7 | 18°31 | 13°33 | 23°47 | 19°56 | 12°47 | 6°40 | 23°55 | 23°30 | 17°57 |
| S 10 | 15 10 36 | 19° 9'44 | 19° 4 | 21°23 | 15° 9 | 24°21 | 20° 2 | 12°49 | 6°41 | 23°56 | 23°30 | 18° 0 |
| S 11 | 15 14 33 | 20° 7'40 | 20° 1 | 24°14 | 16°45 | 24°55 | 20° 7 | 12°51 | 6°42 | 23°56 | 23°30 | 18° 3 |
| M12 | 15 18 30 | 21° 5'34 | 20°58 | 27° 3 | 18°21 | 25°29 | 20°13 | 12°52 | 6°42 | 23°57 | 23°31 | 18° 5 |
| T 13 | 15 22 26 | 22° 3'26 | 21°55 | 29°51 | 19°57 | 26° 4 | 20°18 | 12°54 | 6°43 | 23°57 | 23°31 | 18° 8 |
| W14 | 15 26 23 | 23° 1'16 | 22°52 | 2♁37 | 21°34 | 26°38 | 20°24 | 12°56 | 6°44 | 23°57 | 23°31 | 18°11 |
| T 15 | 15 30 19 | 23°59'05 | 23°50 | 5°23 | 23°10 | 27°12 | 20°29 | 12°58 | 6°44 | 23°58 | 23°31 | 18°14 |
| F 16 | 15 34 16 | 24°56'52 | 24°48 | 8° 9 | 24°46 | 27°46 | 20°35 | 13° 0 | 6°45 | 23°58 | 23°31 | 18°16 |
| S 17 | 15 38 12 | 25°54'37 | 25°47 | 10°53 | 26°23 | 28°21 | 20°40 | 13° 2 | 6°46 | 23°58 | 23°31 | 18°19 |
| S 18 | 15 42 9 | 26°52'21 | 26°46 | 13°38 | 27°59 | 28°55 | 20°46 | 13° 4 | 6°46 | 23°59 | 23°31 | 18°22 |
| M19 | 15 46 5 | 27°50'03 | 27°45 | 16°23 | 29°35 | 29°30 | 20°51 | 13° 5 | 6°47 | 23°59 | 23°32 | 18°25 |
| T 20 | 15 50 2 | 28°47'43 | 28°44 | 19° 8 | 1II12 | 0♁ 4 | 20°57 | 13° 7 | 6°47 | 23°59 | 23°32 | 18°28 |
| W21 | 15 53 59 | 29°45'22 | 29°44 | 21°53 | 2°48 | 0°39 | 21° 2 | 13° 9 | 6°48 | 24° 0 | 23°32 | 18°30 |
| T 22 | 15 57 55 | 0♁43'00 | 0♁44 | 24°39 | 4°25 | 1°14 | 21° 8 | 13°11 | 6°49 | 24° 0 | 23°32 | 18°33 |
| F 23 | 16 1 52 | 1°40'37 | 1°43 | 27°26 | 6° 1 | 1°48 | 21°13 | 13°13 | 6°49 | 24° 1 | 23°32 | 18°36 |
| S 24 | 16 5 48 | 2°38'12 | 2°43 | 0♁13 | 7°38 | 2°23 | 21°19 | 13°15 | 6°50 | 24° 1 | 23°32 | 18°39 |
| S 25 | 16 9 45 | 3°35'47 | 3°42 | 3° 2 | 9°15 | 2°58 | 21°24 | 13°17 | 6°51 | 24° 1 | 23°33 | 18°42 |
| M26 | 16 13 41 | 4°33'20 | 4°41 | 5°53 | 10°51 | 3°33 | 21°30 | 13°18 | 6°51 | 24° 2 | 23°33 | 18°44 |
| T 27 | 16 17 38 | 5°30'53 | 5°39 | 8°45 | 12°28 | 4° 8 | 21°35 | 13°20 | 6°52 | 24° 2 | 23°33 | 18°47 |
| W28 | 16 21 35 | 6°28'25 | 6°37 | 11°39 | 14° 5 | 4°43 | 21°41 | 13°22 | 6°53 | 24° 2 | 23°33 | 18°50 |
| T 29 | 16 25 31 | 7°25'56 | 7°34 | 14°35 | 15°41 | 5°18 | 21°46 | 13°24 | 6°53 | 24° 3 | 23°33 | 18°53 |
| F 30 | 16 29 28 | 8°23'26 | 8°32 | 17°34 | 17°18 | 5°53 | 21°52 | 13°26 | 6°54 | 24° 3 | 23°33 | 18°55 |
| S 31 | 16 33 24 | 9♁20'55 | 9♁28 | 20♁35 | 18II55 | 6♁28 | 21♁57 | 13♁28 | 6♁55 | 24♁ 3 | 23♁34 | 18♁58 |

Delta T = 6.15 sec.

JUNE 1845

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♁ |
|------|----------|----------|-------|-------|--------|-------|-------|-------|------|-------|-------|-------|
| S 1 | 16 37 21 | 10♁18'24 | 10♁25 | 23♁39 | 20II32 | 7♁ 3 | 22♁ 3 | 13♁30 | 6♁55 | 24♁ 4 | 23♁34 | 19♁ 1 |
| M 2 | 16 41 17 | 11°15'51 | 11°21 | 26°47 | 22° 9 | 7°39 | 22° 8 | 13°31 | 6°56 | 24° 4 | 23°34 | 19° 4 |
| T 3 | 16 45 14 | 12°13'19 | 12°17 | 29°57 | 23°45 | 8°14 | 22°14 | 13°33 | 6°57 | 24° 5 | 23°34 | 19° 7 |
| W 4 | 16 49 10 | 13°10'45 | 13°13 | 3♁12 | 25°22 | 8°49 | 22°19 | 13°35 | 6°57 | 24° 5 | 23°34 | 19° 9 |
| T 5 | 16 53 7 | 14° 8'10 | 14° 8 | 6°30 | 26°59 | 9°25 | 22°25 | 13°37 | 6°58 | 24° 5 | 23°34 | 19°12 |
| F 6 | 16 57 4 | 15° 5'35 | 15° 4 | 9°53 | 28°36 | 10° 0 | 22°30 | 13°39 | 6°59 | 24° 6 | 23°35 | 19°15 |
| S 7 | 17 1 0 | 16° 2'58 | 16° 0 | 13°21 | 0♁13 | 10°36 | 22°36 | 13°41 | 6°59 | 24° 6 | 23°35 | 19°18 |
| S 8 | 17 4 57 | 17° 0'21 | 16°55 | 16°53 | 1°50 | 11°12 | 22°41 | 13°43 | 7° 0 | 24° 6 | 23°35 | 19°20 |
| M 9 | 17 8 53 | 17°57'43 | 17°51 | 20°31 | 3°27 | 11°47 | 22°47 | 13°44 | 7° 0 | 24° 7 | 23°35 | 19°23 |
| T 10 | 17 12 50 | 18°55'04 | 18°48 | 24°15 | 5° 4 | 12°23 | 22°52 | 13°46 | 7° 1 | 24° 7 | 23°35 | 19°26 |
| W11 | 17 16 46 | 19°52'24 | 19°44 | 28° 5 | 6°42 | 12°59 | 22°58 | 13°48 | 7° 2 | 24° 7 | 23°35 | 19°29 |
| T 12 | 17 20 43 | 20°49'43 | 20°41 | 2♁ 1 | 8°19 | 13°34 | 23° 3 | 13°50 | 7° 2 | 24° 8 | 23°36 | 19°32 |
| F 13 | 17 24 39 | 21°47'01 | 21°38 | 6° 4 | 9°56 | 14°10 | 23° 9 | 13°52 | 7° 3 | 24° 8 | 23°36 | 19°34 |
| S 14 | 17 28 36 | 22°44'18 | 22°36 | 10°14 | 11°33 | 14°46 | 23°14 | 13°54 | 7° 4 | 24° 9 | 23°36 | 19°37 |
| S 15 | 17 32 33 | 23°41'34 | 23°34 | 14°32 | 13°10 | 15°22 | 23°20 | 13°56 | 7° 4 | 24° 9 | 23°36 | 19°40 |
| M16 | 17 36 29 | 24°38'50 | 24°32 | 18°58 | 14°47 | 15°58 | 23°25 | 13°57 | 7° 5 | 24° 9 | 23°36 | 19°43 |
| T 17 | 17 40 26 | 25°36'05 | 25°31 | 23°32 | 16°25 | 16°34 | 23°30 | 13°59 | 7° 6 | 24°10 | 23°36 | 19°46 |
| W18 | 17 44 22 | 26°33'19 | 26°29 | 28°15 | 18° 2 | 17°10 | 23°36 | 14° 1 | 7° 6 | 24°10 | 23°37 | 19°48 |
| T 19 | 17 48 19 | 27°30'32 | 27°29 | 3♁ 6 | 19°39 | 17°46 | 23°41 | 14° 3 | 7° 7 | 24°10 | 23°37 | 19°51 |
| F 20 | 17 52 15 | 28°27'45 | 28°28 | 8° 7 | 21°17 | 18°23 | 23°47 | 14° 5 | 7° 8 | 24°11 | 23°37 | 19°54 |
| S 21 | 17 56 12 | 29°24'58 | 29°27 | 13°16 | 22°54 | 18°59 | 23°52 | 14° 7 | 7° 8 | 24°11 | 23°37 | 19°57 |
| S 22 | 18 0 8 | 0♁22'10 | 0♁26 | 18°35 | 24°31 | 19°35 | 23°58 | 14° 9 | 7° 9 | 24°11 | 23°37 | 20° 0 |
| M23 | 18 4 5 | 1°19'22 | 1°25 | 24° 2 | 26° 9 | 20°11 | 24° 3 | 14°11 | 7°10 | 24°12 | 23°37 | 20° 2 |
| T 24 | 18 8 2 | 2°16'34 | 2°23 | 29°39 | 27°46 | 20°48 | 24° 9 | 14°12 | 7°10 | 24°12 | 23°38 | 20° 5 |
| W25 | 18 11 58 | 3°13'46 | 3°22 | 5♁24 | 29°24 | 21°24 | 24°14 | 14°14 | 7°11 | 24°13 | 23°38 | 20° 8 |
| T 26 | 18 15 55 | 4°10'58 | 4°19 | 11°17 | 1♁ 1 | 22° 1 | 24°20 | 14°16 | 7°11 | 24°13 | 23°38 | 20°11 |
| F 27 | 18 19 51 | 5° 8'10 | 5°17 | 17°16 | 2°38 | 22°37 | 24°25 | 14°18 | 7°12 | 24°13 | 23°38 | 20°13 |
| S 28 | 18 23 48 | 6° 5'22 | 6°14 | 23°23 | 4°16 | 23°14 | 24°31 | 14°20 | 7°13 | 24°14 | 23°38 | 20°16 |
| S 29 | 18 27 44 | 7° 2'34 | 7°11 | 29°34 | 5°53 | 23°50 | 24°36 | 14°22 | 7°13 | 24°14 | 23°38 | 20°19 |
| M30 | 18 31 41 | 7♁59'46 | 8♁ 7 | 5II49 | 7♁31 | 24♁27 | 24♁42 | 14♁24 | 7♁14 | 24♁14 | 23♁39 | 20♁22 |

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JULY 1845

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Table with 13 columns: Day, Sid.t, Terra, ☾, ♀, ♀, ♂, ♃, ♌, ♍, ♎, ♏, ♐. Rows list astronomical data for July 1845.

Delta T = 6.18 sec.

AUGUST 1845

00:00 UT

Table with 13 columns: Day, Sid.t, Terra, ☾, ♀, ♀, ♂, ♃, ♌, ♍, ♎, ♏, ♐. Rows list astronomical data for August 1845.

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SWISS EPHEMERIS for the year 1845
heliocentric

SEPTEMBER 1845

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♃ |
|------|----------|----------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|--------------------|--------------------|--------------------|
| M 1 | 22 40 4 | 8 ^h 22'13 | 8 ^h 24 | 6 ^h 37 | 19 ^m 21 | 3 ^h 57 | 0 ^h 27 | 16 ^h 21 | 7 ^h 55 | 24 ^h 37 | 23 ^h 49 | 23 ^h 18 |
| T 2 | 22 44 0 | 9°20'22 | 9°20 | 10° 0 | 20°56 | 4°35 | 0°33 | 16°23 | 7°56 | 24°38 | 23°49 | 23°21 |
| W 3 | 22 47 57 | 10°18'32 | 10°17 | 13°27 | 22°32 | 5°13 | 0°38 | 16°25 | 7°56 | 24°38 | 23°49 | 23°24 |
| T 4 | 22 51 53 | 11°16'45 | 11°13 | 17° 0 | 24° 8 | 5°51 | 0°43 | 16°27 | 7°57 | 24°38 | 23°49 | 23°27 |
| F 5 | 22 55 50 | 12°14'59 | 12°10 | 20°38 | 25°43 | 6°29 | 0°49 | 16°28 | 7°57 | 24°39 | 23°49 | 23°30 |
| S 6 | 22 59 47 | 13°13'15 | 13° 7 | 24°22 | 27°19 | 7° 7 | 0°54 | 16°30 | 7°58 | 24°39 | 23°50 | 23°32 |
| S 7 | 23 3 43 | 14°11'32 | 14° 4 | 28°12 | 28°55 | 7°45 | 1° 0 | 16°32 | 7°59 | 24°39 | 23°50 | 23°35 |
| M 8 | 23 7 40 | 15° 9'51 | 15° 2 | 2 ^h 9 | 0 ^h 30 | 8°23 | 1° 5 | 16°34 | 7°59 | 24°40 | 23°50 | 23°38 |
| T 9 | 23 11 36 | 16° 8'12 | 16° 0 | 6°12 | 2° 6 | 9° 1 | 1°11 | 16°36 | 8° 0 | 24°40 | 23°50 | 23°41 |
| W10 | 23 15 33 | 17° 6'34 | 16°58 | 10°22 | 3°41 | 9°39 | 1°16 | 16°38 | 8° 1 | 24°40 | 23°50 | 23°44 |
| T 11 | 23 19 29 | 18° 4'57 | 17°57 | 14°40 | 5°17 | 10°17 | 1°22 | 16°40 | 8° 1 | 24°41 | 23°50 | 23°46 |
| F 12 | 23 23 26 | 19° 3'22 | 18°57 | 19° 7 | 6°52 | 10°55 | 1°27 | 16°41 | 8° 2 | 24°41 | 23°51 | 23°49 |
| S 13 | 23 27 22 | 20° 1'49 | 19°57 | 23°41 | 8°27 | 11°33 | 1°33 | 16°43 | 8° 3 | 24°42 | 23°51 | 23°52 |
| S 14 | 23 31 19 | 21° 0'17 | 20°57 | 28°24 | 10° 3 | 12°11 | 1°38 | 16°45 | 8° 3 | 24°42 | 23°51 | 23°55 |
| M15 | 23 35 16 | 21°58'47 | 21°57 | 3 ^h 15 | 11°38 | 12°49 | 1°44 | 16°47 | 8° 4 | 24°42 | 23°51 | 23°58 |
| T 16 | 23 39 12 | 22°57'19 | 22°57 | 8°16 | 13°13 | 13°27 | 1°49 | 16°49 | 8° 5 | 24°43 | 23°51 | 24° 0 |
| W17 | 23 43 9 | 23°55'53 | 23°58 | 13°26 | 14°48 | 14° 5 | 1°55 | 16°51 | 8° 5 | 24°43 | 23°51 | 24° 3 |
| T 18 | 23 47 5 | 24°54'29 | 24°58 | 18°45 | 16°24 | 14°43 | 2° 0 | 16°53 | 8° 6 | 24°43 | 23°52 | 24° 6 |
| F 19 | 23 51 2 | 25°53'07 | 25°59 | 24°13 | 17°59 | 15°21 | 2° 5 | 16°55 | 8° 7 | 24°44 | 23°52 | 24° 9 |
| S 20 | 23 54 58 | 26°51'47 | 26°59 | 29°50 | 19°34 | 15°59 | 2°11 | 16°56 | 8° 7 | 24°44 | 23°52 | 24°12 |
| S 21 | 23 58 55 | 27°50'29 | 27°58 | 5 ^h 35 | 21° 9 | 16°37 | 2°16 | 16°58 | 8° 8 | 24°44 | 23°52 | 24°15 |
| M22 | 0 2 51 | 28°49'14 | 28°58 | 11°28 | 22°44 | 17°15 | 2°22 | 17° 0 | 8° 8 | 24°45 | 23°52 | 24°17 |
| T 23 | 0 6 48 | 29°48'01 | 29°57 | 17°28 | 24°19 | 17°53 | 2°27 | 17° 2 | 8° 9 | 24°45 | 23°52 | 24°20 |
| W24 | 0 10 45 | 0 ^h 46'50 | 0 ^h 56 | 23°34 | 25°54 | 18°31 | 2°33 | 17° 4 | 8°10 | 24°46 | 23°53 | 24°23 |
| T 25 | 0 14 41 | 1°45'41 | 1°55 | 29°46 | 27°29 | 19° 9 | 2°38 | 17° 6 | 8°10 | 24°46 | 23°53 | 24°26 |
| F 26 | 0 18 38 | 2°44'35 | 2°53 | 6 ^h 11 | 29° 4 | 19°47 | 2°44 | 17° 8 | 8°11 | 24°46 | 23°53 | 24°29 |
| S 27 | 0 22 34 | 3°43'31 | 3°51 | 12°19 | 0 ^h 39 | 20°24 | 2°49 | 17° 9 | 8°12 | 24°47 | 23°53 | 24°31 |
| S 28 | 0 26 31 | 4°42'29 | 4°48 | 18°39 | 2°14 | 21° 2 | 2°55 | 17°11 | 8°12 | 24°47 | 23°53 | 24°34 |
| M29 | 0 30 27 | 5°41'29 | 5°46 | 24°57 | 3°49 | 21°40 | 3° 0 | 17°13 | 8°13 | 24°47 | 23°53 | 24°37 |
| T 30 | 0 34 24 | 6°40'32 | 6°46 | 1 ^h 14 | 5 ^h 24 | 22°18 | 3 ^h 6 | 17°15 | 8°14 | 24°48 | 23°53 | 24°40 |

Delta T = 6.22 sec.

OCTOBER 1845

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♃ |
|------|---------|----------------------|-------------------|--------------------|--------------------|--------------------|-------------------|--------------------|-------------------|--------------------|--------------------|-------------------|
| W 1 | 0 38 20 | 7 ^h 39'36 | 7 ^h 40 | 7 ^h 28 | 6 ^h 59 | 22 ^h 55 | 3 ^h 11 | 17°17 | 8°14 | 24°48 | 23°54 | 24°43 |
| T 2 | 0 42 17 | 8°38'43 | 8°38 | 13°37 | 8°34 | 23°33 | 3°17 | 17°19 | 8°15 | 24°48 | 23°54 | 24°45 |
| F 3 | 0 46 14 | 9°37'52 | 9°35 | 19°40 | 10° 9 | 24°11 | 3°22 | 17°21 | 8°16 | 24°49 | 23°54 | 24°48 |
| S 4 | 0 50 10 | 10°37'02 | 10°32 | 25°35 | 11°44 | 24°48 | 3°27 | 17°23 | 8°16 | 24°49 | 23°54 | 24°51 |
| S 5 | 0 54 7 | 11°36'15 | 11°30 | 1 ^h 23 | 13°19 | 25°26 | 3°33 | 17°24 | 8°17 | 24°50 | 23°54 | 24°54 |
| M 6 | 0 58 3 | 12°35'29 | 12°28 | 7° 3 | 14°53 | 26° 4 | 3°38 | 17°26 | 8°18 | 24°50 | 23°54 | 24°57 |
| T 7 | 1 2 0 | 13°34'46 | 13°27 | 12°33 | 16°28 | 26°41 | 3°44 | 17°28 | 8°18 | 24°50 | 23°55 | 25° 0 |
| W 8 | 1 5 56 | 14°34'04 | 14°26 | 17°53 | 18° 3 | 27°19 | 3°49 | 17°30 | 8°19 | 24°51 | 23°55 | 25° 2 |
| T 9 | 1 9 53 | 15°33'24 | 15°25 | 23° 4 | 19°38 | 27°56 | 3°55 | 17°32 | 8°20 | 24°51 | 23°55 | 25° 5 |
| F 10 | 1 13 49 | 16°32'45 | 16°25 | 28° 6 | 21°13 | 28°34 | 4° 0 | 17°34 | 8°20 | 24°51 | 23°55 | 25° 8 |
| S 11 | 1 17 46 | 17°32'08 | 17°25 | 2 ^h 58 | 22°48 | 29°11 | 4° 6 | 17°36 | 8°21 | 24°52 | 23°55 | 25°11 |
| S 12 | 1 21 42 | 18°31'33 | 18°26 | 7°40 | 24°23 | 29°48 | 4°11 | 17°37 | 8°21 | 24°52 | 23°55 | 25°14 |
| M13 | 1 25 39 | 19°31'00 | 19°27 | 12°13 | 25°57 | 0 ^h 26 | 4°17 | 17°39 | 8°22 | 24°52 | 23°56 | 25°16 |
| T 14 | 1 29 36 | 20°30'29 | 20°28 | 16°38 | 27°32 | 1° 3 | 4°22 | 17°41 | 8°23 | 24°53 | 23°56 | 25°19 |
| W15 | 1 33 32 | 21°29'59 | 21°29 | 20°54 | 29° 7 | 1°40 | 4°28 | 17°43 | 8°23 | 24°53 | 23°56 | 25°22 |
| T 16 | 1 37 29 | 22°29'32 | 22°31 | 25° 2 | 0 ^h 42 | 2°18 | 4°33 | 17°45 | 8°24 | 24°53 | 23°56 | 25°25 |
| F 17 | 1 41 25 | 23°29'06 | 23°32 | 29° 3 | 2°17 | 2°55 | 4°38 | 17°47 | 8°25 | 24°54 | 23°56 | 25°28 |
| S 18 | 1 45 22 | 24°28'43 | 24°33 | 2 ^h 57 | 3°52 | 3°32 | 4°44 | 17°49 | 8°25 | 24°54 | 23°56 | 25°31 |
| S 19 | 1 49 18 | 25°28'22 | 25°35 | 6°44 | 5°26 | 4° 9 | 4°49 | 17°51 | 8°26 | 24°55 | 23°57 | 25°33 |
| M20 | 1 53 15 | 26°28'04 | 26°35 | 10°24 | 7° 1 | 4°47 | 4°55 | 17°52 | 8°27 | 24°55 | 23°57 | 25°36 |
| T 21 | 1 57 11 | 27°27'47 | 27°36 | 13°59 | 8°36 | 5°24 | 5° 0 | 17°54 | 8°27 | 24°55 | 23°57 | 25°39 |
| W22 | 2 1 8 | 28°27'33 | 28°37 | 17°29 | 10°11 | 6° 1 | 5° 6 | 17°56 | 8°28 | 24°56 | 23°57 | 25°42 |
| T 23 | 2 5 5 | 29°27'21 | 29°37 | 20°53 | 11°46 | 6°38 | 5°11 | 17°58 | 8°29 | 24°56 | 23°57 | 25°45 |
| F 24 | 2 9 1 | 0 ^h 27'11 | 0 ^h 36 | 24°13 | 13°21 | 7°15 | 5°17 | 18° 0 | 8°29 | 24°56 | 23°57 | 25°47 |
| S 25 | 2 12 58 | 1°27'03 | 1°36 | 27°28 | 14°56 | 7°52 | 5°22 | 18° 2 | 8°30 | 24°57 | 23°58 | 25°50 |
| S 26 | 2 16 54 | 2°26'58 | 2°35 | 0 ^h 40 | 16°31 | 8°29 | 5°28 | 18° 4 | 8°31 | 24°57 | 23°58 | 25°53 |
| M27 | 2 20 51 | 3°26'54 | 3°34 | 3°47 | 18° 6 | 9° 5 | 5°33 | 18° 6 | 8°31 | 24°57 | 23°58 | 25°56 |
| T 28 | 2 24 47 | 4°26'53 | 4°32 | 6°52 | 19°41 | 9°42 | 5°38 | 18° 7 | 8°32 | 24°58 | 23°58 | 25°59 |
| W29 | 2 28 44 | 5°26'54 | 5°31 | 9°53 | 21°16 | 10°19 | 5°44 | 18° 9 | 8°32 | 24°58 | 23°58 | 26° 2 |
| T 30 | 2 32 40 | 6°26'57 | 6°29 | 12°52 | 22°50 | 10°56 | 5°49 | 18°11 | 8°33 | 24°59 | 23°58 | 26° 4 |
| F 31 | 2 36 37 | 7 ^h 27'02 | 7 ^h 27 | 15 ^m 48 | 24 ^h 25 | 11 ^h 33 | 5 ^h 55 | 18 ^h 13 | 8 ^h 34 | 24 ^h 59 | 23 ^h 59 | 26 ^h 7 |

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SWISS EPHEMERIS for the year 1845
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NOVEMBER 1845

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|---------|----------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|
| S 1 | 2 40 34 | 8♁27°08 | 8♁25 | 18♁42 | 26≈ 0 | 12♁ 9 | 6♁ 0 | 18≈15 | 8♁34 | 24≈59 | 23♁59 | 26♁10 |
| S 2 | 2 44 30 | 9°27'17 | 9°23 | 21°34 | 27°36 | 12°46 | 6° 6 | 18°17 | 8°35 | 25° 0 | 23°59 | 26°13 |
| M 3 | 2 48 27 | 10°27'27 | 10°22 | 24°25 | 29°11 | 13°22 | 6°11 | 18°19 | 8°36 | 25° 0 | 23°59 | 26°16 |
| T 4 | 2 52 23 | 11°27'39 | 11°21 | 27°14 | 0♁46 | 13°59 | 6°17 | 18°20 | 8°36 | 25° 0 | 23°59 | 26°18 |
| W 5 | 2 56 20 | 12°27'53 | 12°20 | 0♁ 1 | 2°21 | 14°35 | 6°22 | 18°22 | 8°37 | 25° 1 | 23°59 | 26°21 |
| T 6 | 3 0 16 | 13°28'08 | 13°20 | 2°48 | 3°56 | 15°12 | 6°28 | 18°24 | 8°38 | 25° 1 | 24° 0 | 26°24 |
| F 7 | 3 4 13 | 14°28'24 | 14°20 | 5°34 | 5°31 | 15°48 | 6°33 | 18°26 | 8°38 | 25° 1 | 24° 0 | 26°27 |
| S 8 | 3 8 9 | 15°28'42 | 15°20 | 8°19 | 7° 6 | 16°25 | 6°38 | 18°28 | 8°39 | 25° 2 | 24° 0 | 26°30 |
| S 9 | 3 12 6 | 16°29'01 | 16°21 | 11° 4 | 8°41 | 17° 1 | 6°44 | 18°30 | 8°40 | 25° 2 | 24° 0 | 26°33 |
| M10 | 3 16 3 | 17°29'22 | 17°23 | 13°49 | 10°16 | 17°37 | 6°49 | 18°32 | 8°40 | 25° 3 | 24° 0 | 26°35 |
| T 11 | 3 19 59 | 18°29'44 | 18°24 | 16°33 | 11°51 | 18°13 | 6°55 | 18°34 | 8°41 | 25° 3 | 24° 0 | 26°38 |
| W12 | 3 23 56 | 19°30'07 | 19°26 | 19°18 | 13°27 | 18°50 | 7° 0 | 18°35 | 8°42 | 25° 3 | 24° 0 | 26°41 |
| T 13 | 3 27 52 | 20°30'32 | 20°29 | 22° 3 | 15° 2 | 19°26 | 7° 6 | 18°37 | 8°42 | 25° 4 | 24° 1 | 26°44 |
| F 14 | 3 31 49 | 21°30'59 | 21°31 | 24°49 | 16°37 | 20° 2 | 7°11 | 18°39 | 8°43 | 25° 4 | 24° 1 | 26°47 |
| S 15 | 3 35 45 | 22°31'27 | 22°33 | 27°36 | 18°12 | 20°38 | 7°17 | 18°41 | 8°43 | 25° 4 | 24° 1 | 26°49 |
| S 16 | 3 39 42 | 23°31'57 | 23°35 | 0♁24 | 19°48 | 21°14 | 7°22 | 18°43 | 8°44 | 25° 5 | 24° 1 | 26°52 |
| M17 | 3 43 38 | 24°32'29 | 24°38 | 3°13 | 21°23 | 21°50 | 7°28 | 18°45 | 8°45 | 25° 5 | 24° 1 | 26°55 |
| T 18 | 3 47 35 | 25°33'02 | 25°40 | 6° 4 | 22°58 | 22°26 | 7°33 | 18°47 | 8°45 | 25° 5 | 24° 1 | 26°58 |
| W19 | 3 51 32 | 26°33'37 | 26°41 | 8°56 | 24°34 | 23° 1 | 7°38 | 18°49 | 8°46 | 25° 6 | 24° 2 | 27° 1 |
| T 20 | 3 55 28 | 27°34'13 | 27°43 | 11°50 | 26° 9 | 23°37 | 7°44 | 18°50 | 8°47 | 25° 6 | 24° 2 | 27° 4 |
| F 21 | 3 59 25 | 28°34'52 | 28°44 | 14°47 | 27°44 | 24°13 | 7°49 | 18°52 | 8°47 | 25° 7 | 24° 2 | 27° 6 |
| S 22 | 4 3 21 | 29°35'32 | 29°45 | 17°45 | 29°20 | 24°49 | 7°55 | 18°54 | 8°48 | 25° 7 | 24° 2 | 27° 9 |
| S 23 | 4 7 18 | 0♁36'13 | 0♁45 | 20°47 | 0♁55 | 25°24 | 8° 0 | 18°56 | 8°49 | 25° 7 | 24° 2 | 27°12 |
| M24 | 4 11 14 | 1°36'56 | 1°45 | 23°51 | 2°31 | 26° 0 | 8° 6 | 18°58 | 8°49 | 25° 8 | 24° 2 | 27°15 |
| T 25 | 4 15 11 | 2°37'41 | 2°45 | 26°59 | 4° 6 | 26°35 | 8°11 | 19° 0 | 8°50 | 25° 8 | 24° 3 | 27°18 |
| W26 | 4 19 7 | 3°38'27 | 3°45 | 0≈10 | 5°42 | 27°11 | 8°17 | 19° 2 | 8°51 | 25° 8 | 24° 3 | 27°21 |
| T 27 | 4 23 4 | 4°39'15 | 4°44 | 3°24 | 7°17 | 27°46 | 8°22 | 19° 4 | 8°51 | 25° 9 | 24° 3 | 27°23 |
| F 28 | 4 27 1 | 5°40'04 | 5°43 | 6°43 | 8°53 | 28°22 | 8°27 | 19° 5 | 8°52 | 25° 9 | 24° 3 | 27°26 |
| S 29 | 4 30 57 | 6°40'55 | 6°42 | 10° 6 | 10°29 | 28°57 | 8°33 | 19° 7 | 8°53 | 25° 9 | 24° 3 | 27°29 |
| S 30 | 4 34 54 | 7♁41'47 | 7♁41 | 13≈34 | 12♁ 4 | 29♁32 | 8♁38 | 19≈ 9 | 8♁53 | 25≈10 | 24♁ 3 | 27♁32 |

Delta T = 6.25 sec.

DECEMBER 1845

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|---------|----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| M 1 | 4 38 50 | 8♁42'40 | 8♁40 | 17≈ 7 | 13♁40 | 0♁ 7 | 8♁44 | 19≈11 | 8♁54 | 25≈10 | 24♁ 4 | 27♁35 |
| T 2 | 4 42 47 | 9°43'34 | 9°39 | 20°45 | 15°15 | 0°42 | 8°49 | 19°13 | 8°55 | 25°11 | 24° 4 | 27°38 |
| W 3 | 4 46 43 | 10°44'29 | 10°38 | 24°29 | 16°51 | 1°18 | 8°55 | 19°15 | 8°55 | 25°11 | 24° 4 | 27°40 |
| T 4 | 4 50 40 | 11°45'24 | 11°38 | 28°19 | 18°27 | 1°53 | 9° 0 | 19°17 | 8°56 | 25°11 | 24° 4 | 27°43 |
| F 5 | 4 54 36 | 12°46'21 | 12°38 | 2♁16 | 20° 3 | 2°28 | 9° 6 | 19°19 | 8°56 | 25°12 | 24° 4 | 27°46 |
| S 6 | 4 58 33 | 13°47'17 | 13°39 | 6°20 | 21°38 | 3° 3 | 9°11 | 19°20 | 8°57 | 25°12 | 24° 4 | 27°49 |
| S 7 | 5 2 30 | 14°48'15 | 14°40 | 10°30 | 23°14 | 3°37 | 9°16 | 19°22 | 8°58 | 25°12 | 24° 5 | 27°52 |
| M 8 | 5 6 26 | 15°49'13 | 15°41 | 14°49 | 24°50 | 4°12 | 9°22 | 19°24 | 8°58 | 25°13 | 24° 5 | 27°54 |
| T 9 | 5 10 23 | 16°50'12 | 16°43 | 19°15 | 26°26 | 4°47 | 9°27 | 19°26 | 8°59 | 25°13 | 24° 5 | 27°57 |
| W10 | 5 14 19 | 17°51'11 | 17°45 | 23°50 | 28° 2 | 5°22 | 9°33 | 19°28 | 9° 0 | 25°13 | 24° 5 | 28° 0 |
| T 11 | 5 18 16 | 18°52'12 | 18°47 | 28°33 | 29°38 | 5°56 | 9°38 | 19°30 | 9° 0 | 25°14 | 24° 5 | 28° 3 |
| F 12 | 5 22 12 | 19°53'12 | 19°50 | 3♁25 | 1♁14 | 6°31 | 9°44 | 19°32 | 9° 1 | 25°14 | 24° 5 | 28° 6 |
| S 13 | 5 26 9 | 20°54'14 | 20°53 | 8°26 | 2°50 | 7° 6 | 9°49 | 19°34 | 9° 2 | 25°15 | 24° 6 | 28° 9 |
| S 14 | 5 30 5 | 21°55'16 | 21°56 | 13°36 | 4°26 | 7°40 | 9°54 | 19°35 | 9° 2 | 25°15 | 24° 6 | 28°11 |
| M15 | 5 34 2 | 22°56'19 | 22°58 | 18°55 | 6° 2 | 8°14 | 10° 0 | 19°37 | 9° 3 | 25°15 | 24° 6 | 28°14 |
| T 16 | 5 37 59 | 23°57'22 | 24° 1 | 24°23 | 7°38 | 8°49 | 10° 5 | 19°39 | 9° 4 | 25°16 | 24° 6 | 28°17 |
| W17 | 5 41 55 | 24°58'27 | 25° 4 | 0♁ 0 | 9°14 | 9°23 | 10°11 | 19°41 | 9° 4 | 25°16 | 24° 6 | 28°20 |
| T 18 | 5 45 52 | 25°59'31 | 26° 6 | 5°46 | 10°50 | 9°57 | 10°16 | 19°43 | 9° 5 | 25°16 | 24° 6 | 28°23 |
| F 19 | 5 49 48 | 27° 0'37 | 27° 8 | 11°39 | 12°26 | 10°32 | 10°22 | 19°45 | 9° 6 | 25°17 | 24° 7 | 28°26 |
| S 20 | 5 53 45 | 28° 1'43 | 28°10 | 17°39 | 14° 2 | 11° 6 | 10°27 | 19°47 | 9° 6 | 25°17 | 24° 7 | 28°28 |
| S 21 | 5 57 41 | 29° 2'50 | 29°12 | 23°46 | 15°38 | 11°40 | 10°33 | 19°49 | 9° 7 | 25°17 | 24° 7 | 28°31 |
| M22 | 6 1 38 | 0♁ 3'58 | 0♁13 | 29°58 | 17°14 | 12°14 | 10°38 | 19°50 | 9° 7 | 25°18 | 24° 7 | 28°34 |
| T 23 | 6 5 34 | 1° 5'06 | 1°14 | 6♁13 | 18°51 | 12°48 | 10°43 | 19°52 | 9° 8 | 25°18 | 24° 7 | 28°37 |
| W24 | 6 9 31 | 2° 6'15 | 2°14 | 12°31 | 20°27 | 13°22 | 10°49 | 19°54 | 9° 9 | 25°19 | 24° 7 | 28°40 |
| T 25 | 6 13 28 | 3° 7'25 | 3°14 | 18°51 | 22° 3 | 13°56 | 10°54 | 19°56 | 9° 9 | 25°19 | 24° 8 | 28°43 |
| F 26 | 6 17 24 | 4° 8'35 | 4°14 | 25° 9 | 23°39 | 14°29 | 11° 0 | 19°58 | 9°10 | 25°19 | 24° 8 | 28°45 |
| S 27 | 6 21 21 | 5° 9'45 | 5°14 | 1♁26 | 25°16 | 15° 3 | 11° 5 | 20° 0 | 9°11 | 25°20 | 24° 8 | 28°48 |
| S 28 | 6 25 17 | 6°10'56 | 6°13 | 7°40 | 26°52 | 15°37 | 11°11 | 20° 2 | 9°11 | 25°20 | 24° 8 | 28°51 |
| M29 | 6 29 14 | 7°12'08 | 7°12 | 13°48 | 28°29 | 16°11 | 11°16 | 20° 4 | 9°12 | 25°20 | 24° 8 | 28°54 |
| T 30 | 6 33 10 | 8°13'19 | 8°11 | 19°51 | 0♁ 5 | 16°44 | 11°21 | 20° 5 | 9°13 | 25°21 | 24° 8 | 28°57 |
| W31 | 6 37 7 | 9♁41'30 | 9♁10 | 25≈47 | 1♁41 | 17♁18 | 11♁27 | 20≈ 7 | 9♁13 | 25≈21 | 24♁ 8 | 29♁ 0 |

Delta T = 6.27 sec.

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