

SWISS EPHEMERIS for the year 1943

JANUARY 1943

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|--------|--------|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|--------|
| F 1 | 6 39 6 | 9°41'35 | 24°33 | 26°37 | 20°41 | 11°29 | 21°R34 | 6°R46 | 1°R11 | 2°4 | 6°R40 | 26°R 4 | 27°R31 | 14°R 6 | 29°R 4 |
| S 2 | 6 43 2 | 10°42'45 | 8°14 | 28° 5 | 21°56 | 12°12 | 21°R26 | 6°R43 | 1°R 9 | 2° 4 | 6°R39 | 26°R 1 | 27°R28 | 14°R13 | 29°R 2 |
| S 3 | 6 46 59 | 11°43'56 | 22°24 | 29°30 | 23°12 | 12°54 | 21°18 | 6°39 | 1° 7 | 2° 4 | 6°38 | 25°56 | 27°24 | 14°19 | 29° 0 |
| M 4 | 6 50 55 | 12°45'06 | 7° 2 | 0°54 | 24°27 | 13°37 | 21°10 | 6°35 | 1° 5 | 2°R 4 | 6°37 | 25°49 | 27°21 | 14°26 | 28°58 |
| T 5 | 6 54 52 | 13°46'17 | 22° 2 | 2°14 | 25°42 | 14°20 | 21° 2 | 6°32 | 1° 4 | 2° 4 | 6°35 | 25°42 | 27°18 | 14°33 | 28°55 |
| W 6 | 6 58 48 | 14°47'28 | 7°16 | 3°32 | 26°58 | 15° 2 | 20°54 | 6°29 | 1° 2 | 2° 4 | 6°34 | 25°36 | 27°15 | 14°39 | 28°53 |
| T 7 | 7 2 45 | 15°48'39 | 22°35 | 4°45 | 28°13 | 15°45 | 20°46 | 6°25 | 1° 1 | 2° 4 | 6°33 | 25°31 | 27°12 | 14°46 | 28°50 |
| F 8 | 7 6 41 | 16°49'50 | 7°45 | 5°54 | 29°28 | 16°28 | 20°38 | 6°22 | 0°59 | 2° 3 | 6°32 | 25°28 | 27° 9 | 14°53 | 28°48 |
| S 9 | 7 10 38 | 17°51'00 | 22°40 | 6°58 | 0°44 | 17°11 | 20°30 | 6°19 | 0°58 | 2° 3 | 6°30 | 25°D27 | 27° 5 | 14°59 | 28°45 |
| S 10 | 7 14 35 | 18°52'10 | 7°11 | 7°56 | 1°59 | 17°54 | 20°22 | 6°16 | 0°56 | 2° 3 | 6°29 | 25°27 | 27° 2 | 15° 6 | 28°42 |
| M 11 | 7 18 31 | 19°53'20 | 21°15 | 8°47 | 3°14 | 18°37 | 20°14 | 6°13 | 0°55 | 2° 3 | 6°28 | 25°28 | 26°59 | 15°13 | 28°39 |
| T 12 | 7 22 28 | 20°54'28 | 4°Y52 | 9°31 | 4°30 | 19°20 | 20° 6 | 6°11 | 0°53 | 2° 3 | 6°27 | 25°30 | 26°56 | 15°19 | 28°36 |
| W 13 | 7 26 24 | 21°55'36 | 18° 3 | 10° 6 | 5°45 | 20° 3 | 19°58 | 6° 8 | 0°52 | 2° 2 | 6°25 | 25°R31 | 26°53 | 15°26 | 28°33 |
| T 14 | 7 30 21 | 22°56'44 | 0°B52 | 10°31 | 7° 0 | 20°46 | 19°50 | 6° 5 | 0°51 | 2° 2 | 6°24 | 25°31 | 26°50 | 15°33 | 28°30 |
| F 15 | 7 34 17 | 23°57'51 | 13°22 | 10°46 | 8°15 | 21°29 | 19°42 | 6° 3 | 0°49 | 2° 2 | 6°23 | 25°29 | 26°46 | 15°39 | 28°27 |
| S 16 | 7 38 14 | 24°58'57 | 25°38 | 10°R50 | 9°31 | 22°12 | 19°34 | 6° 1 | 0°48 | 2° 1 | 6°21 | 25°26 | 26°43 | 15°46 | 28°24 |
| S 17 | 7 42 10 | 26° 0'02 | 7°II43 | 10°43 | 10°46 | 22°55 | 19°26 | 5°58 | 0°47 | 2° 1 | 6°20 | 25°21 | 26°40 | 15°53 | 28°20 |
| M 18 | 7 46 7 | 27° 1'07 | 19°40 | 10°24 | 12° 1 | 23°38 | 19°18 | 5°56 | 0°46 | 2° 0 | 6°19 | 25°16 | 26°37 | 15°59 | 28°17 |
| T 19 | 7 50 4 | 28° 2'11 | 1°E32 | 9°53 | 13°16 | 24°22 | 19°10 | 5°54 | 0°45 | 2° 0 | 6°17 | 25°11 | 26°34 | 16° 6 | 28°13 |
| W 20 | 7 54 0 | 29° 3'15 | 13°22 | 9°11 | 14°31 | 25° 5 | 19° 2 | 5°52 | 0°44 | 1°59 | 6°16 | 25° 6 | 26°30 | 16°13 | 28°10 |
| T 21 | 7 57 57 | 0° 4'17 | 25°12 | 8°19 | 15°46 | 25°48 | 18°54 | 5°50 | 0°43 | 1°59 | 6°14 | 25° 2 | 26°27 | 16°19 | 28° 6 |
| F 22 | 8 1 53 | 1° 5'19 | 7°R 3 | 7°18 | 17° 2 | 26°32 | 18°46 | 5°48 | 0°42 | 1°58 | 6°13 | 25° 0 | 26°24 | 16°26 | 28° 2 |
| S 23 | 8 5 50 | 2° 6'20 | 18°58 | 6°10 | 18°17 | 27°15 | 18°39 | 5°47 | 0°41 | 1°58 | 6°12 | 24°58 | 26°21 | 16°33 | 27°58 |
| S 24 | 8 9 46 | 3° 7'21 | 0°II59 | 4°57 | 19°32 | 27°58 | 18°31 | 5°45 | 0°40 | 1°57 | 6°10 | 24°D58 | 26°18 | 16°39 | 27°54 |
| M 25 | 8 13 43 | 4° 8'21 | 13° 7 | 3°41 | 20°47 | 28°42 | 18°24 | 5°44 | 0°40 | 1°56 | 6° 9 | 24°59 | 26°15 | 16°46 | 27°50 |
| T 26 | 8 17 39 | 5° 9'20 | 25°26 | 2°25 | 22° 2 | 29°25 | 18°16 | 5°42 | 0°39 | 1°55 | 6° 8 | 25° 1 | 26°11 | 16°53 | 27°46 |
| W 27 | 8 21 36 | 6°10'19 | 7°E59 | 1°10 | 23°17 | 0°B 9 | 18° 9 | 5°41 | 0°38 | 1°55 | 6° 6 | 25° 2 | 26° 8 | 17° 0 | 27°42 |
| T 28 | 8 25 33 | 7°11'17 | 20°48 | 29°B59 | 24°32 | 0°52 | 18° 1 | 5°40 | 0°38 | 1°54 | 6° 5 | 25° 4 | 26° 5 | 17° 6 | 27°38 |
| F 29 | 8 29 29 | 8°12'14 | 3°II58 | 28°54 | 25°47 | 1°36 | 17°54 | 5°39 | 0°37 | 1°53 | 6° 3 | 25°R 4 | 26° 2 | 17°13 | 27°34 |
| S 30 | 8 33 26 | 9°13'11 | 17°30 | 27°55 | 27° 2 | 2°20 | 17°47 | 5°38 | 0°37 | 1°52 | 6° 2 | 25° 4 | 25°59 | 17°20 | 27°30 |
| S 31 | 8 37 22 | 10°14'07 | 1°R26 | 27°B 4 | 28°17 | 3°B 3 | 17°E40 | 5°II37 | 0°II36 | 1°E51 | 6°R 1 | 25°R 3 | 25°R56 | 17°E26 | 27°R26 |

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FEBRUARY 1943

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|---------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|
| M 1 | 8 41 19 | 11°15'02 | 15°R46 | 26°R21 | 29°R32 | 3°B47 | 17°R33 | 5°R37 | 0°R36 | 1°R51 | 5°R59 | 25°R 2 | 25°R52 | 17°E33 | 27°R21 |
| T 2 | 8 45 15 | 12°15'57 | 0°B28 | 25°B48 | 0°H47 | 4°31 | 17°E26 | 5°II36 | 0°II35 | 1°E50 | 5°R58 | 25°R 0 | 25°49 | 17°40 | 27°R17 |
| W 3 | 8 49 12 | 13°16'51 | 15°25 | 25°22 | 2° 2 | 5°14 | 17°20 | 5°36 | 0°35 | 1°49 | 5°57 | 24°59 | 25°46 | 17°46 | 27°12 |
| T 4 | 8 53 8 | 14°17'44 | 0°B31 | 25° 5 | 3°17 | 5°58 | 17°13 | 5°35 | 0°35 | 1°48 | 5°55 | 24°58 | 25°43 | 17°53 | 27° 8 |
| F 5 | 8 57 5 | 15°18'36 | 15°37 | 24°57 | 4°31 | 6°42 | 17° 7 | 5°35 | 0°35 | 1°47 | 5°54 | 24°57 | 25°40 | 18° 0 | 27° 4 |
| S 6 | 9 1 2 | 16°19'26 | 0°H32 | 24°D56 | 5°46 | 7°26 | 17° 1 | 5°D35 | 0°35 | 1°46 | 5°53 | 24°D57 | 25°36 | 18° 6 | 26°59 |
| S 7 | 9 4 58 | 17°20'15 | 15°10 | 25° 2 | 7° 1 | 8°10 | 16°55 | 5°35 | 0°34 | 1°45 | 5°51 | 24°57 | 25°33 | 18°13 | 26°54 |
| M 8 | 9 8 55 | 18°21'03 | 29°25 | 25°15 | 8°16 | 8°54 | 16°49 | 5°35 | 0°D34 | 1°44 | 5°50 | 24°58 | 25°30 | 18°20 | 26°50 |
| T 9 | 9 12 51 | 19°21'49 | 13°Y13 | 25°35 | 9°31 | 9°38 | 16°43 | 5°36 | 0°34 | 1°42 | 5°49 | 24°59 | 25°27 | 18°26 | 26°45 |
| W 10 | 9 16 48 | 20°22'34 | 26°34 | 26° 0 | 10°45 | 10°22 | 16°37 | 5°36 | 0°35 | 1°41 | 5°47 | 24°59 | 25°24 | 18°33 | 26°41 |
| T 11 | 9 20 44 | 21°23'17 | 9°B31 | 26°31 | 12° 0 | 11° 6 | 16°32 | 5°36 | 0°35 | 1°40 | 5°46 | 24°59 | 25°21 | 18°40 | 26°36 |
| F 12 | 9 24 41 | 22°23'59 | 22° 5 | 27° 7 | 13°15 | 11°50 | 16°26 | 5°37 | 0°35 | 1°39 | 5°45 | 24°R59 | 25°17 | 18°46 | 26°31 |
| S 13 | 9 28 37 | 23°24'39 | 4°II22 | 27°47 | 14°29 | 12°34 | 16°21 | 5°38 | 0°35 | 1°38 | 5°43 | 24°59 | 25°14 | 18°53 | 26°27 |
| S 14 | 9 32 34 | 24°25'18 | 16°25 | 28°31 | 15°44 | 13°18 | 16°16 | 5°39 | 0°35 | 1°37 | 5°42 | 24°D59 | 25°11 | 19° 0 | 26°22 |
| M 15 | 9 36 31 | 25°25'54 | 28°19 | 29°19 | 16°59 | 14° 2 | 16°11 | 5°39 | 0°36 | 1°35 | 5°41 | 24°59 | 25° 8 | 19° 6 | 26°17 |
| T 16 | 9 40 27 | 26°26'29 | 10°E 9 | 0°B11 | 18°13 | 14°46 | 16° 7 | 5°41 | 0°36 | 1°34 | 5°39 | 24°59 | 25° 5 | 19°13 | 26°13 |
| W 17 | 9 44 24 | 27°27'03 | 21°57 | 1° 6 | 19°28 | 15°31 | 16° 2 | 5°42 | 0°37 | 1°33 | 5°38 | 25° 0 | 25° 1 | 19°20 | 26° 8 |
| T 18 | 9 48 20 | 28°27'34 | 3°R48 | 2° 4 | 20°42 | 16°15 | 15°58 | 5°43 | 0°37 | 1°31 | 5°37 | 25° 0 | 24°58 | 19°26 | 26° 3 |
| F 19 | 9 52 17 | 29°28'04 | 15°45 | 3° 4 | 21°57 | 16°59 | 15°54 | 5°44 | 0°38 | 1°30 | 5°36 | 25° 0 | 24°55 | 19°33 | 25°59 |
| S 20 | 9 56 13 | 0°H28'33 | 27°48 | 4° 8 | 23°11 | 17°43 | 15°50 | 5°46 | 0°38 | 1°29 | 5°34 | 25°R 0 | 24°52 | 19°40 | 25°54 |
| S 21 | 10 0 10 | 1°28'59 | 10°II 1 | 5°13 | 24°26 | 18°28 | 15°46 | 5°47 | 0°39 | 1°27 | 5°33 | 25° 0 | 24°49 | 19°46 | 25°49 |
| M 22 | 10 4 6 | 2°29'25 | 22°25 | 6°21 | 25°40 | 19°12 | 15°42 | 5°49 | 0°40 | 1°26 | 5°32 | 25° 0 | 24°46 | 19°53 | 25°45 |
| T 23 | 10 8 3 | 3°29'48 | 5°E 1 | 7°31 | 26°54 | 19°57 | 15°39 | 5°51 | 0°40 | 1°25 | 5°31 | 24°59 | 24°42 | 20° 0 | 25°40 |
| W 24 | 10 12 0 | 4°30'10 | 17°49 | 8°43 | 28° 8 | 20°41 | 15°36 | 5°53 | 0°41 | 1°23 | 5°30 | 24°57 | 24°39 | 20° 6 | 25°36 |
| T 25 | 10 15 56 | 5°30'31 | 0°II52 | 9°56 | 29°23 | 21°25 | 15°33 | 5°55 | 0°42 | 1°22 | 5°28 | 24°56 | 24°36 | 20°13 | 25°31 |
| F 26 | 10 19 53 | 6°30'50 | 14°10 | 11°12 | 0°Y37 | 22°10 | 15°30 | 5°57 | 0°43 | 1°20 | 5°27 | 24°55 | 24°33 | 20°20 | 25°26 |
| S 27 | 10 23 49 | 7°31'08 | 27°43 | 12°29 | 1°51 | 22°54 | 15°27 | 5°59 | 0°44 | 1°19 | 5°26 | 24°54 | 24°30 | 20°26 | 25°22 |
| S 28 | 10 27 46 | 8°H31'24 | 11°R33 | 13°B47 | 3°Y 5 | 23°B39 | 15°E25 | 6°II 2 | 0°II45 | 1°E17 | 5°R25 | 24°D54 | 24°R27 | 20°E33 | 25°R17 |

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SWISS EPHEMERIS for the year 1943

MARCH 1943

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| M 1 | 10 31 42 | 9 ^h 31'39" | 25 ^h 39' | 15 ^h 7' | 4 ^h 19' | 24 ^h 24' | 15 ^h 22' | 6 ^h 4' | 0 ^h 46' | 1 ^h 16' | 5 ^h 24' | 24 ^h 54' | 24 ^h 23' | 20 ^h 40' | 25 ^h 13' |
| T 2 | 10 35 39 | 10 ^h 31'53" | 10 ^h 30' | 16 ^h 29' | 5 ^h 33' | 25 ^h 8' | 15 ^h 20' | 6 ^h 7' | 0 ^h 47' | 1 ^h 14' | 5 ^h 23' | 24 ^h 55' | 24 ^h 20' | 20 ^h 46' | 25 ^h 9' |
| W 3 | 10 39 35 | 11 ^h 32'05" | 24 ^h 33' | 17 ^h 52' | 6 ^h 47' | 25 ^h 53' | 15 ^h 18' | 6 ^h 9' | 0 ^h 48' | 1 ^h 13' | 5 ^h 22' | 24 ^h 57' | 24 ^h 17' | 20 ^h 53' | 25 ^h 4' |
| T 4 | 10 43 32 | 12 ^h 32'15" | 24 ^h 33' | 19 ^h 16' | 8 ^h 1' | 26 ^h 37' | 15 ^h 17' | 6 ^h 12' | 0 ^h 50' | 1 ^h 11' | 5 ^h 21' | 24 ^h 58' | 24 ^h 14' | 21 ^h 0' | 25 ^h 0' |
| F 5 | 10 47 29 | 13 ^h 32'24" | 23 ^h 57' | 20 ^h 41' | 9 ^h 15' | 27 ^h 22' | 15 ^h 15' | 6 ^h 15' | 0 ^h 51' | 1 ^h 10' | 5 ^h 20' | 24 ^h 58' | 24 ^h 11' | 21 ^h 6' | 24 ^h 55' |
| S 6 | 10 51 25 | 14 ^h 32'31" | 8 ^h 35' | 22 ^h 8' | 10 ^h 29' | 28 ^h 7' | 15 ^h 14' | 6 ^h 18' | 0 ^h 52' | 1 ^h 8' | 5 ^h 19' | 24 ^h 58' | 24 ^h 7' | 21 ^h 13' | 24 ^h 51' |
| S 7 | 10 55 22 | 15 ^h 32'36" | 23 ^h 3' | 23 ^h 36' | 11 ^h 43' | 28 ^h 52' | 15 ^h 13' | 6 ^h 21' | 0 ^h 54' | 1 ^h 7' | 5 ^h 18' | 24 ^h 56' | 24 ^h 4' | 21 ^h 20' | 24 ^h 47' |
| M 8 | 10 59 18 | 16 ^h 32'39" | 7 ^h 14' | 25 ^h 5' | 12 ^h 57' | 29 ^h 36' | 15 ^h 12' | 6 ^h 24' | 0 ^h 55' | 1 ^h 5' | 5 ^h 17' | 24 ^h 54' | 24 ^h 1' | 21 ^h 26' | 24 ^h 43' |
| T 9 | 11 3 15 | 17 ^h 32'41" | 21 ^h 4' | 26 ^h 36' | 14 ^h 11' | 0 ^h 21' | 15 ^h 11' | 6 ^h 27' | 0 ^h 56' | 1 ^h 3' | 5 ^h 16' | 24 ^h 50' | 23 ^h 58' | 21 ^h 33' | 24 ^h 39' |
| W 10 | 11 7 11 | 18 ^h 32'40" | 4 ^h 30' | 28 ^h 8' | 15 ^h 24' | 1 ^h 6' | 15 ^h 11' | 6 ^h 31' | 0 ^h 58' | 1 ^h 2' | 5 ^h 15' | 24 ^h 47' | 23 ^h 55' | 21 ^h 40' | 24 ^h 35' |
| T 11 | 11 11 8 | 19 ^h 32'37" | 17 ^h 32' | 29 ^h 41' | 16 ^h 38' | 1 ^h 51' | 15 ^h 10' | 6 ^h 34' | 1 ^h 0' | 1 ^h 0' | 5 ^h 14' | 24 ^h 43' | 23 ^h 52' | 21 ^h 46' | 24 ^h 31' |
| F 12 | 11 15 4 | 20 ^h 32'32" | 0 ^h 11' | 1 ^h 15' | 17 ^h 52' | 2 ^h 36' | 15 ^h 10' | 6 ^h 38' | 1 ^h 1' | 0 ^h 59' | 5 ^h 13' | 24 ^h 41' | 23 ^h 48' | 21 ^h 53' | 24 ^h 27' |
| S 13 | 11 19 1 | 21 ^h 32'25" | 12 ^h 31' | 2 ^h 50' | 19 ^h 5' | 3 ^h 20' | 15 ^h 10' | 6 ^h 41' | 1 ^h 3' | 0 ^h 57' | 5 ^h 12' | 24 ^h 39' | 23 ^h 45' | 22 ^h 0' | 24 ^h 23' |
| S 14 | 11 22 57 | 22 ^h 32'15" | 24 ^h 36' | 4 ^h 26' | 20 ^h 19' | 4 ^h 5' | 15 ^h 11' | 6 ^h 45' | 1 ^h 5' | 0 ^h 55' | 5 ^h 11' | 24 ^h 39' | 23 ^h 42' | 22 ^h 6' | 24 ^h 19' |
| M 15 | 11 26 54 | 23 ^h 32'03" | 6 ^h 31' | 6 ^h 4' | 21 ^h 32' | 4 ^h 50' | 15 ^h 11' | 6 ^h 49' | 1 ^h 6' | 0 ^h 54' | 5 ^h 10' | 24 ^h 39' | 23 ^h 39' | 22 ^h 13' | 24 ^h 15' |
| T 16 | 11 30 51 | 24 ^h 31'50" | 18 ^h 20' | 7 ^h 43' | 22 ^h 46' | 5 ^h 35' | 15 ^h 12' | 6 ^h 53' | 1 ^h 8' | 0 ^h 52' | 5 ^h 9' | 24 ^h 41' | 23 ^h 36' | 22 ^h 20' | 24 ^h 11' |
| W 17 | 11 34 47 | 25 ^h 31'33" | 0 ^h 9' | 9 ^h 23' | 23 ^h 59' | 6 ^h 20' | 15 ^h 13' | 6 ^h 57' | 1 ^h 10' | 0 ^h 50' | 5 ^h 9' | 24 ^h 43' | 23 ^h 33' | 22 ^h 26' | 24 ^h 8' |
| T 18 | 11 38 44 | 26 ^h 31'15" | 12 ^h 3' | 11 ^h 4' | 25 ^h 12' | 7 ^h 5' | 15 ^h 14' | 7 ^h 1' | 1 ^h 12' | 0 ^h 49' | 5 ^h 8' | 24 ^h 44' | 23 ^h 29' | 22 ^h 33' | 24 ^h 4' |
| F 19 | 11 42 40 | 27 ^h 30'55" | 24 ^h 4' | 12 ^h 47' | 26 ^h 25' | 7 ^h 50' | 15 ^h 15' | 7 ^h 5' | 1 ^h 14' | 0 ^h 47' | 5 ^h 7' | 24 ^h 45' | 23 ^h 26' | 22 ^h 40' | 24 ^h 1' |
| S 20 | 11 46 37 | 28 ^h 30'32" | 6 ^h 17' | 14 ^h 30' | 27 ^h 39' | 8 ^h 35' | 15 ^h 16' | 7 ^h 10' | 1 ^h 16' | 0 ^h 45' | 5 ^h 6' | 24 ^h 44' | 23 ^h 23' | 22 ^h 46' | 23 ^h 57' |
| S 21 | 11 50 33 | 29 ^h 30'07" | 18 ^h 43' | 16 ^h 15' | 28 ^h 52' | 9 ^h 20' | 15 ^h 18' | 7 ^h 14' | 1 ^h 18' | 0 ^h 44' | 5 ^h 6' | 24 ^h 42' | 23 ^h 20' | 22 ^h 53' | 23 ^h 54' |
| M 22 | 11 54 30 | 0 ^h 29'40" | 1 ^h 25' | 18 ^h 1' | 0 ^h 8' | 10 ^h 5' | 15 ^h 20' | 7 ^h 19' | 1 ^h 20' | 0 ^h 42' | 5 ^h 5' | 24 ^h 38' | 23 ^h 17' | 23 ^h 0' | 23 ^h 51' |
| T 23 | 11 58 26 | 1 ^h 29'11" | 14 ^h 22' | 19 ^h 49' | 1 ^h 18' | 10 ^h 50' | 15 ^h 22' | 7 ^h 23' | 1 ^h 22' | 0 ^h 40' | 5 ^h 4' | 24 ^h 33' | 23 ^h 13' | 23 ^h 6' | 23 ^h 48' |
| W 24 | 12 2 23 | 2 ^h 28'40" | 27 ^h 34' | 21 ^h 38' | 2 ^h 31' | 11 ^h 35' | 15 ^h 24' | 7 ^h 28' | 1 ^h 24' | 0 ^h 39' | 5 ^h 4' | 24 ^h 26' | 23 ^h 10' | 23 ^h 13' | 23 ^h 45' |
| T 25 | 12 6 20 | 3 ^h 28'07" | 11 ^h 0' | 23 ^h 28' | 3 ^h 44' | 12 ^h 20' | 15 ^h 26' | 7 ^h 32' | 1 ^h 26' | 0 ^h 37' | 5 ^h 3' | 24 ^h 20' | 23 ^h 7' | 23 ^h 20' | 23 ^h 42' |
| F 26 | 12 10 16 | 4 ^h 27'32" | 24 ^h 37' | 25 ^h 19' | 4 ^h 57' | 13 ^h 5' | 15 ^h 29' | 7 ^h 37' | 1 ^h 28' | 0 ^h 35' | 5 ^h 2' | 24 ^h 14' | 23 ^h 4' | 23 ^h 26' | 23 ^h 39' |
| S 27 | 12 14 13 | 5 ^h 26'56" | 8 ^h 25' | 27 ^h 12' | 6 ^h 9' | 13 ^h 50' | 15 ^h 32' | 7 ^h 42' | 1 ^h 31' | 0 ^h 34' | 5 ^h 2' | 24 ^h 9' | 23 ^h 1' | 23 ^h 33' | 23 ^h 36' |
| S 28 | 12 18 9 | 6 ^h 26'18" | 22 ^h 21' | 29 ^h 6' | 7 ^h 22' | 14 ^h 36' | 15 ^h 35' | 7 ^h 47' | 1 ^h 33' | 0 ^h 32' | 5 ^h 1' | 24 ^h 7' | 22 ^h 58' | 23 ^h 40' | 23 ^h 33' |
| M 29 | 12 22 6 | 7 ^h 25'38" | 6 ^h 34' | 1 ^h 1' | 8 ^h 35' | 15 ^h 21' | 15 ^h 38' | 7 ^h 52' | 1 ^h 35' | 0 ^h 30' | 5 ^h 1' | 24 ^h D 6 | 22 ^h 54' | 23 ^h 46' | 23 ^h 31' |
| T 30 | 12 26 2 | 8 ^h 24'57" | 20 ^h 33' | 2 ^h 58' | 9 ^h 47' | 16 ^h 6' | 15 ^h 41' | 7 ^h 57' | 1 ^h 38' | 0 ^h 29' | 5 ^h 0' | 24 ^h D 6 | 22 ^h 51' | 23 ^h 53' | 23 ^h 28' |
| W 31 | 12 29 59 | 9 ^h 24'13" | 4 ^h 47' | 4 ^h 55' | 11 ^h 8' | 16 ^h 55' | 15 ^h 44' | 8 ^h 11' | 1 ^h 40' | 0 ^h 27' | 5 ^h 0' | 24 ^h 7' | 22 ^h 48' | 24 ^h 0' | 23 ^h 26' |

Delta T = 25.78 sec.

APRIL 1943

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| Day | Sid.t | ☉ | ☾ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| T 1 | 12 33 55 | 10 ^h 23'28" | 19 ^h 22' | 6 ^h 54' | 12 ^h 12' | 17 ^h 36' | 15 ^h 48' | 8 ^h 11' | 1 ^h 43' | 0 ^h R26 | 4 ^h R59 | 24 ^h R 8 | 22 ^h 45' | 24 ^h 6' | 23 ^h R23 |
| F 2 | 12 37 52 | 11 ^h 22'41" | 3 ^h 18' | 8 ^h 55' | 13 ^h 25' | 18 ^h 21' | 15 ^h 52' | 8 ^h 13' | 1 ^h 45' | 0 ^h 24 | 4 ^h 59 | 24 ^h 8 | 22 ^h 42' | 24 ^h 13' | 23 ^h 21' |
| S 3 | 12 41 49 | 12 ^h 21'52" | 17 ^h 30' | 10 ^h 56' | 14 ^h 37' | 19 ^h 7' | 15 ^h 56' | 8 ^h 19' | 1 ^h 48' | 0 ^h 22 | 4 ^h 58 | 24 ^h 6 | 22 ^h 38' | 24 ^h 20' | 23 ^h 19' |
| S 4 | 12 45 45 | 13 ^h 21'02" | 1 ^h 35' | 12 ^h 58' | 15 ^h 49' | 19 ^h 52' | 16 ^h 0' | 8 ^h 24' | 1 ^h 50' | 0 ^h 21 | 4 ^h 58 | 24 ^h 1 | 22 ^h 35' | 24 ^h 26' | 23 ^h 17' |
| M 5 | 12 49 42 | 14 ^h 20'09" | 15 ^h 28' | 15 ^h 1' | 17 ^h 2' | 20 ^h 37' | 16 ^h 4' | 8 ^h 30' | 1 ^h 53' | 0 ^h 19 | 4 ^h 58 | 23 ^h 55' | 22 ^h 32' | 24 ^h 33' | 23 ^h 15' |
| T 6 | 12 53 38 | 15 ^h 19'14" | 29 ^h 5' | 17 ^h 5' | 18 ^h 14' | 21 ^h 22' | 16 ^h 9' | 8 ^h 35' | 1 ^h 55' | 0 ^h 17 | 4 ^h 57 | 23 ^h 46' | 22 ^h 29' | 24 ^h 40' | 23 ^h 13' |
| W 7 | 12 57 35 | 16 ^h 18'17" | 12 ^h 24' | 19 ^h 10' | 19 ^h 26' | 22 ^h 8' | 16 ^h 14' | 8 ^h 41' | 1 ^h 58' | 0 ^h 16 | 4 ^h 57 | 23 ^h 37' | 22 ^h 26' | 24 ^h 46' | 23 ^h 11' |
| T 8 | 13 1 31 | 17 ^h 17'18" | 25 ^h 23' | 21 ^h 15' | 20 ^h 38' | 22 ^h 53' | 16 ^h 18' | 8 ^h 47' | 2 ^h 1' | 0 ^h 14 | 4 ^h 57 | 23 ^h 28' | 22 ^h 23' | 24 ^h 53' | 23 ^h 9' |
| F 9 | 13 5 28 | 18 ^h 16'17" | 8 ^h 11' | 23 ^h 20' | 21 ^h 50' | 23 ^h 38' | 16 ^h 23' | 8 ^h 53' | 2 ^h 3' | 0 ^h 13 | 4 ^h 56 | 23 ^h 20' | 22 ^h 19' | 25 ^h 0' | 23 ^h 8' |
| S 10 | 13 9 24 | 19 ^h 15'14" | 20 ^h 23' | 25 ^h 25' | 23 ^h 2' | 24 ^h 23' | 16 ^h 29' | 8 ^h 59' | 2 ^h 6' | 0 ^h 11 | 4 ^h 56 | 23 ^h 14' | 22 ^h 16' | 25 ^h 6' | 23 ^h 6' |
| S 11 | 13 13 21 | 20 ^h 14'08" | 2 ^h 29 | 27 ^h 30 | 24 ^h 14 | 25 ^h 9 | 16 ^h 34 | 9 ^h 5 | 2 ^h 9 | 0 ^h 10 | 4 ^h 56 | 23 ^h 10 | 22 ^h 13 | 25 ^h 13 | 23 ^h 5 |
| M 12 | 13 17 18 | 21 ^h 13'00" | 14 ^h 24 | 29 ^h 35 | 25 ^h 25 | 25 ^h 54 | 16 ^h 39 | 9 ^h 11 | 2 ^h 12 | 0 ^h 8 | 4 ^h 56 | 23 ^h 8 | 22 ^h 10 | 25 ^h 20 | 23 ^h 4 |
| T 13 | 13 21 14 | 22 ^h 11'50" | 26 ^h 14 | 1 ^h 38 | 26 ^h 37 | 26 ^h 39 | 16 ^h 45 | 9 ^h 17 | 2 ^h 15 | 0 ^h 7 | 4 ^h 56 | 23 ^h D 8 | 22 ^h 7 | 25 ^h 26 | 23 ^h 3 |
| W 14 | 13 25 11 | 23 ^h 10'38" | 8 ^h 3 | 3 ^h 40 | 27 ^h 48 | 27 ^h 25 | 16 ^h 51 | 9 ^h 23 | 2 ^h 18 | 0 ^h 5 | 4 ^h 56 | 23 ^h 9 | 22 ^h 4 | 25 ^h 33 | 23 ^h 2 |
| T 15 | 13 29 7 | 24 ^h 9'23" | 19 ^h 58 | 5 ^h 40 | 29 ^h 0 | 28 ^h 10 | 16 ^h 57 | 9 ^h 29 | 2 ^h 21 | 0 ^h 4 | 4 ^h 56 | 23 ^h R 9 | 22 ^h 0 | 25 ^h 40 | 23 ^h 1 |
| F 16 | 13 33 4 | 25 ^h 8'06" | 2 ^h 17 | 7 ^h 39 | 0 ^h 11 | 28 ^h 55 | 17 ^h 3 | 9 ^h 35 | 2 ^h 23 | 0 ^h 2 | 4 ^h 55 | 23 ^h 9 | 21 ^h 57 | 25 ^h 46 | 23 ^h 0 |
| S 17 | 13 37 0 | 26 ^h 6'47" | 14 ^h 21 | 9 ^h 35 | 1 ^h 23 | 29 ^h 40 | 17 ^h 9 | 9 ^h 42 | 2 ^h 26 | 0 ^h 1 | 4 ^h 55 | 23 ^h 7 | 21 ^h 54 | 25 ^h 53 | 22 ^h 59 |
| S 18 | 13 40 57 | 27 ^h 5'26" | 26 ^h 58 | 11 ^h 29 | 2 ^h 34 | 0 ^h 26 | 17 ^h 16 | 9 ^h 48 | 2 ^h 29 | 29 ^h 59 | 4 ^h D55 | 23 ^h 2 | 21 ^h 51 | 26 ^h 0 | 22 ^h 59 |
| M 19 | 13 44 53 | 28 ^h 4'02" | 9 ^h 55 | 13 ^h 19 | 3 ^h 45 | 1 ^h 11 | 17 ^h 22 | 9 ^h 55 | 2 ^h 32 | 29 ^h 58 | 4 ^h 55 | 22 ^h 55 | 21 ^h 48 | 26 ^h 6 | 22 ^h 58 |
| T 20 | 13 48 50 | 29 ^h 2'37" | 23 ^h 12 | 15 ^h 7 | 4 ^h 56 | 1 ^h 56 | 17 ^h 29 | 10 ^h 1 | 2 ^h 35 | 29 ^h 56 | 4 ^h 55 | 22 ^h 46 | 21 ^h 44 | 26 ^h 13 | 22 ^h 58 |
| W 21 | 13 52 46 | 0 ^h 8'110" | 6 ^h 148 | 16 ^h 51 | 6 ^h 7 | 2 ^h 41 | 17 ^h 36 | 10 ^h 8 | 2 ^h 39 | 29 ^h 55 | 4 ^h 55 | 22 ^h 35 | 21 ^h 41 | 26 ^h 20 | 22 ^h 57 |
| T 22 | 13 56 43 | 0 ^h 59'40" | 20 ^h 41 | 18 ^h 31 | 7 ^h 18 | 3 ^h 27 | 17 ^h 43 | 10 ^h 14 | 2 ^h 42 | 29 ^h 54 | 4 ^h 56 | 22 ^h 24 | 21 ^h 38 | 26 ^h 26 | 22 ^h 57 |
| F 23 | 14 0 40 | 1 ^h 58'10" | 4 ^h 745 | 20 ^h 7 | 8 ^h 29 | 4 ^h 12 | 17 ^h 50 | 10 ^h 21 | 2 ^h 45 | 29 ^h 52 | 4 ^h 56 | 22 ^h 14 | 21 ^h 35 | 26 ^h 33 | 22 ^h D57 |
| S 24 | 14 4 36 | 2 ^h 56'37" | 18 ^h 56 | 21 ^h 40 | 9 ^h 39 | 4 ^h 57 | 17 ^h 57 | 10 ^h 28 | 2 ^h 48 | 29 ^h 51 | 4 ^h 56 | 22 ^h 6 | 21 ^h 32 | 26 ^h 39 | 22 ^h 57 |
| S 25 | 14 8 33 | 3 ^h 55'03" | 3 ^h 10 | 23 ^h 8 | 10 ^h 50 | 5 ^h 43 | 18 ^h 4 | 10 ^h 34 | 2 ^h 51 | 29 ^h 50 | 4 ^h 56 | 22 ^h 0 | 21 ^h 29 | 26 ^h 46 | 22 ^h 57 |
| M 26 | 14 12 29 | 4 ^h 53'27" | 17 ^h 23 | 24 ^h 31 | 12 ^h 0 | 6 ^h 28 | 18 ^h 12 | 10 ^h 41 | 2 ^h 54 | 29 ^h 48 | 4 ^h 56 | 21 ^h 57 | 21 ^h 25 | 26 ^h 53 | 22 ^h 58 |
| T 27 | 14 16 26 | 5 ^h 51'50" | 1 ^h 334 | 25 ^h 50 | 13 ^h 11 | 7 ^h 13 | 18 ^h 20 | 10 ^h 48 | 2 ^h 57 | 29 ^h 47 | 4 ^h 56 | 21 ^h D56 | 21 ^h 22 | 26 ^h 59 | 22 ^h 58 |
| W 28 | 14 20 22 | 6 ^h 50'11" | 15 ^h 39 | 27 ^h 5 | 14 ^h 21 | 7 ^h 58 | 18 ^h 27 | 10 ^h 55 | 3 ^h 1 | 29 ^h 46 | 4 ^h 57 | 21 ^h R56 | 21 ^h 19 | 27 ^h 6 | 22 ^h 58 |
| T 29 | 14 24 19 | 7 ^h 48'30" | 29 ^h 39 | 28 ^h 15 | 15 ^h 31 | 8 ^h 44 | 18 ^h 35 | 11 ^h 2 | 3 ^h 4 | 29 ^h 45 | 4 ^h 57 | 21 ^h 56 | 21 ^h 16 | 27 ^h 13 | 22 ^h 59 |
| F 30 | 14 28 15 | 8 ^h 46'48" | 13 ^h 33 | 29 ^h 20 | 16 ^h 14 | 9 ^h 29 | 18 ^h 43 | 11 ^h 9 | 3 ^h 11 | 29 ^h 43 | 4 ^h 57 | 21 ^h 54 | 21 ^h 13 | 27 ^h 19 | 23 ^h 0 |

SWISS EPHEMERIS for the year 1943

MAY 1943

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|
| S 1 | 14 32 12 | 9♂45'05 | 27♂21 | 0♂20 | 17♂51 | 10♂14 | 18♂52 | 11♂16 | 3♂10 | 29♂42 | 4♂58 | 21♂50 | 21♂10 | 27♂26 | 23♂1 |
| S 2 | 14 36 9 | 10°43'20 | 10♂59 | 1°15 | 19° 1 | 10°59 | 19° 0 | 11°23 | 3°14 | 29♂41 | 4°58 | 21♂44 | 21° 6 | 27°33 | 23° 2 |
| M 3 | 14 40 5 | 11°41'33 | 24°28 | 2° 5 | 20°11 | 11°44 | 19° 8 | 11°30 | 3°17 | 29°40 | 4°58 | 21°34 | 21° 3 | 27°39 | 23° 3 |
| T 4 | 14 44 2 | 12°39'45 | 7♂45 | 2°50 | 21°21 | 12°30 | 19°17 | 11°37 | 3°20 | 29°39 | 4°59 | 21°23 | 21° 0 | 27°46 | 23° 4 |
| W 5 | 14 47 58 | 13°37'55 | 20°47 | 3°30 | 22°31 | 13°15 | 19°25 | 11°44 | 3°24 | 29°38 | 4°59 | 21°10 | 20°57 | 27°53 | 23° 5 |
| T 6 | 14 51 55 | 14°36'03 | 3♂34 | 4° 5 | 23°40 | 14° 0 | 19°34 | 11°52 | 3°27 | 29°37 | 5° 0 | 20°57 | 20°54 | 27°59 | 23° 6 |
| F 7 | 14 55 51 | 15°34'10 | 16° 5 | 4°34 | 24°49 | 14°45 | 19°43 | 11°59 | 3°30 | 29°35 | 5° 0 | 20°45 | 20°50 | 28° 6 | 23° 8 |
| S 8 | 14 59 48 | 16°32'15 | 28°21 | 4°58 | 25°59 | 15°30 | 19°52 | 12° 6 | 3°34 | 29°34 | 5° 1 | 20°36 | 20°47 | 28°13 | 23° 9 |
| S 9 | 15 3 44 | 17°30'18 | 10♂24 | 5°17 | 27° 8 | 16°15 | 20° 1 | 12°13 | 3°37 | 29°33 | 5° 1 | 20°29 | 20°44 | 28°19 | 23°11 |
| M10 | 15 7 41 | 18°28'19 | 22°18 | 5°31 | 28°17 | 17° 0 | 20°10 | 12°21 | 3°41 | 29°32 | 5° 2 | 20°25 | 20°41 | 28°26 | 23°13 |
| T 11 | 15 11 38 | 19°26'18 | 4♂7 | 5°40 | 29°26 | 17°45 | 20°20 | 12°28 | 3°44 | 29°32 | 5° 2 | 20°23 | 20°38 | 28°33 | 23°15 |
| W12 | 15 15 34 | 20°24'16 | 15°55 | 5°R43 | 0♂35 | 18°30 | 20°29 | 12°36 | 3°48 | 29°31 | 5° 3 | 20°22 | 20°35 | 28°39 | 23°17 |
| T 13 | 15 19 31 | 21°22'11 | 27°49 | 5°42 | 1°43 | 19°15 | 20°39 | 12°43 | 3°51 | 29°30 | 5° 4 | 20°22 | 20°31 | 28°46 | 23°19 |
| F 14 | 15 23 27 | 22°20'05 | 9♂54 | 5°36 | 2°52 | 20° 0 | 20°48 | 12°50 | 3°54 | 29°29 | 5° 4 | 20°21 | 20°28 | 28°53 | 23°21 |
| S 15 | 15 27 24 | 23°17'57 | 22°15 | 5°25 | 4° 0 | 20°45 | 20°58 | 12°58 | 3°58 | 29°28 | 5° 5 | 20°19 | 20°25 | 28°59 | 23°23 |
| S 16 | 15 31 20 | 24°15'48 | 4♂57 | 5°10 | 5° 8 | 21°30 | 21° 8 | 13° 5 | 4° 1 | 29°27 | 5° 6 | 20°14 | 20°22 | 29° 6 | 23°26 |
| M17 | 15 35 17 | 25°13'36 | 18° 2 | 4°51 | 6°16 | 22°15 | 21°18 | 13°13 | 4° 5 | 29°26 | 5° 6 | 20° 7 | 20°19 | 29°13 | 23°28 |
| T 18 | 15 39 13 | 26°11'23 | 1♂32 | 4°28 | 7°24 | 23° 0 | 21°28 | 13°21 | 4° 8 | 29°26 | 5° 7 | 19°58 | 20°15 | 29°19 | 23°31 |
| W19 | 15 43 10 | 27° 9'09 | 15°26 | 4° 2 | 8°32 | 23°45 | 21°38 | 13°28 | 4°12 | 29°25 | 5° 8 | 19°46 | 20°12 | 29°26 | 23°34 |
| T 20 | 15 47 7 | 28° 6'53 | 29°40 | 3°33 | 9°40 | 24°30 | 21°48 | 13°36 | 4°15 | 29°24 | 5° 9 | 19°35 | 20° 9 | 29°33 | 23°37 |
| F 21 | 15 51 3 | 29° 4'36 | 14♂10 | 3° 2 | 10°47 | 25°14 | 21°58 | 13°43 | 4°19 | 29°24 | 5° 9 | 19°24 | 20° 6 | 29°39 | 23°40 |
| S 22 | 15 55 0 | 0♂21 | 28°47 | 2°30 | 11°55 | 25°59 | 22° 9 | 13°51 | 4°22 | 29°23 | 5°10 | 19°15 | 20° 3 | 29°46 | 23°43 |
| S 23 | 15 58 56 | 0°59'58 | 13♂25 | 1°56 | 13° 2 | 26°44 | 22°19 | 13°59 | 4°26 | 29°22 | 5°11 | 19° 9 | 20° 0 | 29°53 | 23°46 |
| M24 | 16 2 53 | 1°57'37 | 27°58 | 1°21 | 14° 9 | 27°29 | 22°30 | 14° 6 | 4°29 | 29°22 | 5°12 | 19° 5 | 19°56 | 29°59 | 23°49 |
| T 25 | 16 6 49 | 2°55'16 | 12♂21 | 0°47 | 15°16 | 28°13 | 22°41 | 14°14 | 4°33 | 29°21 | 5°13 | 19° 4 | 19°53 | 0♂6 | 23°52 |
| W26 | 16 10 46 | 3°52'53 | 26°31 | 0°14 | 16°22 | 28°58 | 22°51 | 14°22 | 4°36 | 29°21 | 5°14 | 19° 4 | 19°50 | 0°12 | 23°56 |
| T 27 | 16 14 42 | 4°50'30 | 10♂28 | 29♂41 | 17°29 | 29°43 | 23° 2 | 14°29 | 4°40 | 29°20 | 5°15 | 19° 4 | 19°47 | 0°19 | 23°59 |
| F 28 | 16 18 39 | 5°48'05 | 24°11 | 29°11 | 18°35 | 0♂27 | 23°13 | 14°37 | 4°43 | 29°20 | 5°16 | 19° 3 | 19°44 | 0°26 | 24° 3 |
| S 29 | 16 22 36 | 6°45'40 | 7♂42 | 28°43 | 19°41 | 1°12 | 23°24 | 14°45 | 4°47 | 29°19 | 5°17 | 19° 0 | 19°41 | 0°32 | 24° 7 |
| S 30 | 16 26 32 | 7°43'13 | 21° 1 | 28°17 | 20°47 | 1°56 | 23°35 | 14°53 | 4°50 | 29°19 | 5°18 | 18°54 | 19°37 | 0°39 | 24°10 |
| M31 | 16 30 29 | 8♂40'46 | 4♂7 | 27♂55 | 21♂53 | 2♂40 | 23♂46 | 15♂0 | 4♂54 | 29♂19 | 5♂19 | 18♂45 | 19♂34 | 0♂46 | 24♂14 |

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|------|----------|----------|-------|--------|-------|-------|-------|-------|------|--------|------|--------|-------|------|-------|
| T 1 | 16 34 25 | 9♂38'18 | 17♂2 | 27♂36 | 22♂58 | 3♂25 | 23♂57 | 15♂8 | 4♂57 | 29♂18 | 5♂20 | 18♂35 | 19♂31 | 0♂52 | 24♂18 |
| W 2 | 16 38 22 | 10°35'50 | 29°45 | 27♂21 | 24° 4 | 4° 9 | 24° 9 | 15°16 | 5° 1 | 29♂18 | 5°21 | 18♂23 | 19°28 | 0°59 | 24°22 |
| T 3 | 16 42 18 | 11°33'20 | 12♂15 | 27°10 | 25° 9 | 4°53 | 24°20 | 15°24 | 5° 4 | 29°18 | 5°22 | 18°11 | 19°25 | 1° 6 | 24°27 |
| F 4 | 16 46 15 | 12°30'49 | 24°33 | 27° 3 | 26°14 | 5°38 | 24°31 | 15°32 | 5° 8 | 29°17 | 5°23 | 18° 0 | 19°21 | 1°12 | 24°31 |
| S 5 | 16 50 11 | 13°28'17 | 6♂40 | 27°D 1 | 27°19 | 6°22 | 24°43 | 15°39 | 5°11 | 29°17 | 5°24 | 17°52 | 19°18 | 1°19 | 24°35 |
| S 6 | 16 54 8 | 14°25'44 | 18°37 | 27° 3 | 28°23 | 7° 6 | 24°55 | 15°47 | 5°15 | 29°17 | 5°26 | 17°45 | 19°15 | 1°26 | 24°40 |
| M 7 | 16 58 5 | 15°23'10 | 0♂28 | 27° 9 | 29°28 | 7°50 | 25° 6 | 15°55 | 5°18 | 29°17 | 5°27 | 17°41 | 19°12 | 1°32 | 24°44 |
| T 8 | 17 2 1 | 16°20'35 | 12°15 | 27°20 | 0♂32 | 8°34 | 25°18 | 16° 3 | 5°22 | 29°17 | 5°28 | 17°D40 | 19° 9 | 1°39 | 24°49 |
| W 9 | 17 5 58 | 17°17'59 | 24° 3 | 27°36 | 1°35 | 9°18 | 25°30 | 16°11 | 5°25 | 29°17 | 5°29 | 17°40 | 19° 6 | 1°46 | 24°54 |
| T 10 | 17 9 54 | 18°15'22 | 5♂56 | 27°56 | 2°39 | 10° 2 | 25°41 | 16°18 | 5°29 | 29°17 | 5°31 | 17°41 | 19° 2 | 1°52 | 24°58 |
| F 11 | 17 13 51 | 19°12'44 | 18° 0 | 28°20 | 3°42 | 10°46 | 25°53 | 16°26 | 5°32 | 29°D17 | 5°32 | 17°R41 | 18°59 | 1°59 | 25° 3 |
| S 12 | 17 17 47 | 20°10'05 | 0♂20 | 28°49 | 4°45 | 11°29 | 26° 5 | 16°34 | 5°36 | 29°17 | 5°33 | 17°41 | 18°56 | 2° 6 | 25° 8 |
| S 13 | 17 21 44 | 21° 7'24 | 13° 1 | 29°22 | 5°48 | 12°13 | 26°17 | 16°42 | 5°39 | 29°17 | 5°34 | 17°38 | 18°53 | 2°12 | 25°13 |
| M14 | 17 25 40 | 22° 4'43 | 26° 6 | 29°59 | 6°51 | 12°57 | 26°29 | 16°50 | 5°43 | 29°17 | 5°36 | 17°34 | 18°50 | 2°19 | 25°18 |
| T 15 | 17 29 37 | 23° 2'01 | 9♂40 | 0♂40 | 7°53 | 13°40 | 26°41 | 16°57 | 5°46 | 29°17 | 5°37 | 17°28 | 18°47 | 2°26 | 25°23 |
| W16 | 17 33 34 | 23°59'18 | 23°40 | 1°26 | 8°55 | 14°24 | 26°53 | 17° 5 | 5°49 | 29°17 | 5°38 | 17°20 | 18°43 | 2°32 | 25°29 |
| T 17 | 17 37 30 | 24°56'35 | 8♂6 | 2°15 | 9°56 | 15° 7 | 27° 6 | 17°13 | 5°53 | 29°17 | 5°40 | 17°12 | 18°40 | 2°39 | 25°34 |
| F 18 | 17 41 27 | 25°53'50 | 22°51 | 3° 8 | 10°58 | 15°51 | 27°18 | 17°21 | 5°56 | 29°17 | 5°41 | 17° 4 | 18°37 | 2°45 | 25°40 |
| S 19 | 17 45 23 | 26°51'06 | 7♂48 | 4° 5 | 11°59 | 16°34 | 27°30 | 17°28 | 5°59 | 29°18 | 5°42 | 16°58 | 18°34 | 2°52 | 25°45 |
| S 20 | 17 49 20 | 27°48'21 | 22°48 | 5° 6 | 12°59 | 17°17 | 27°43 | 17°36 | 6° 3 | 29°18 | 5°44 | 16°54 | 18°31 | 2°59 | 25°51 |
| M21 | 17 53 16 | 28°45'35 | 7♂42 | 6°11 | 13°59 | 18° 0 | 27°55 | 17°44 | 6° 6 | 29°18 | 5°45 | 16°52 | 18°27 | 3° 5 | 25°56 |
| T 22 | 17 57 13 | 29°42'49 | 22°24 | 7°20 | 14°59 | 18°43 | 28° 7 | 17°51 | 6° 9 | 29°19 | 5°47 | 16°D52 | 18°24 | 3°12 | 26° 2 |
| W23 | 18 1 9 | 0♂40'03 | 6♂48 | 8°32 | 15°59 | 19°26 | 28°20 | 17°59 | 6°13 | 29°19 | 5°48 | 16°53 | 18°21 | 3°19 | 26° 8 |
| T 24 | 18 5 6 | 1°37'17 | 20°53 | 9°47 | 16°58 | 20° 9 | 28°32 | 18° 7 | 6°16 | 29°19 | 5°50 | 16°54 | 18°18 | 3°25 | 26°14 |
| F 25 | 18 9 3 | 2°34'31 | 4♂37 | 11° 6 | 17°57 | 20°52 | 28°45 | 18°14 | 6°19 | 29°20 | 5°51 | 16°R54 | 18°15 | 3°32 | 26°20 |
| S 26 | 18 12 59 | 3°31'44 | 18° 2 | 12°29 | 18°55 | 21°35 | 28°58 | 18°22 | 6°22 | 29°20 | 5°53 | 16°53 | 18°12 | 3°39 | 26°26 |
| S 27 | 18 16 56 | 4°28'58 | 1♂8 | 9 | 13°55 | 19°53 | 22°18 | 18°30 | 6°26 | 29°21 | 5°54 | 16°50 | 18° 8 | 3°45 | 26°32 |
| M28 | 18 20 52 | 5°26'12 | 14° 1 | 15°24 | 20°51 | 23° 0 | 29°23 | 18°37 | 6°29 | 29°21 | 5°56 | 16°46 | 18° 5 | 3°52 | 26°38 |
| T 29 | 18 24 49 | 6°23'26 | 26°39 | 16°57 | 21°48 | 23°43 | 29°36 | 18°45 | 6°32 | 29°22 | 5°57 | 16°40 | 18° 2 | 3°59 | 26°44 |
| W30 | 18 28 45 | 7♂20'40 | 9♂4 | 18♂33 | 22♂45 | 24♂25 | 29♂48 | 18♂52 | 6♂35 | 29♂23 | 5♂59 | 16♂33 | 17♂59 | 4♂5 | 26♂50 |

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SWISS EPHEMERIS for the year 1943

JULY 1943

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|------|----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|
| T 1 | 18 32 42 | 8°17'53" | 21°11'19" | 20°11'13" | 23°02'41" | 25°07'08" | 0°01'11" | 19°11'00" | 6°11'38" | 29°11'23" | 6°01'00" | 16°02'26" | 17°02'56" | 4°01'12" | 26°02'57" |
| F 2 | 18 36 38 | 9°15'07" | 3°02'24" | 21°55'55" | 24°37'37" | 25°50'00" | 0°14'14" | 19°07'19" | 6°41'04" | 29°24'06" | 6°02'02" | 16°02'20" | 17°05'53" | 4°19'27" | 27°03'30" |
| S 3 | 18 40 35 | 10°12'21" | 15°22'11" | 23°41'23" | 25°32'25" | 26°32'26" | 0°27'07" | 19°15'19" | 6°44'06" | 29°24'06" | 6°03'03" | 16°15'16" | 17°09'49" | 4°25'27" | 27°10'10" |
| S 4 | 18 44 32 | 11°09'34" | 27°13'27" | 25°30'25" | 26°27'26" | 27°14'27" | 0°40'00" | 19°22'19" | 6°47'06" | 29°25'06" | 6°05'05" | 16°11'16" | 17°46'43" | 4°32'27" | 27°16'16" |
| M 5 | 18 48 28 | 12°06'48" | 9°01'11" | 27°22'27" | 27°21'27" | 27°56'05" | 0°53'03" | 19°30'19" | 6°51'06" | 29°26'06" | 6°07'07" | 16°10'16" | 17°43'43" | 4°39'27" | 27°23'23" |
| T 6 | 18 52 25 | 13°04'01" | 20°47'20" | 29°16'28" | 28°15'28" | 28°38'1° | 1°06'19" | 19°37'19" | 6°54'06" | 29°27'06" | 6°08'08" | 16°10'10" | 17°40'40" | 4°45'27" | 27°29'29" |
| W 7 | 18 56 21 | 14°01'14" | 2°11'35" | 1°01'13" | 29°08'29" | 29°20'1° | 1°19'19" | 19°45'19" | 6°57'06" | 29°28'06" | 6°10'10" | 16°11'16" | 17°37'37" | 4°52'27" | 27°36'36" |
| T 8 | 19 0 18 | 14°58'27" | 14°30'31" | 3°12'00" | 0°00'00" | 0°08'08" | 1°32'13" | 19°52'19" | 6°59'06" | 29°28'06" | 6°12'12" | 16°12'12" | 17°33'33" | 4°58'27" | 27°43'43" |
| F 9 | 19 4 14 | 15°55'40" | 26°34'51" | 5°14'00" | 0°52'00" | 0°43'04" | 1°45'19" | 19°59'19" | 7°02'29" | 29°29'06" | 6°13'13" | 16°14'14" | 17°30'30" | 5°05'27" | 27°50'50" |
| S 10 | 19 8 11 | 16°52'53" | 8°53'18" | 7°18'14" | 1°43'12" | 1°25'15" | 1°58'20" | 20°06'06" | 7°05'29" | 29°30'06" | 6°15'15" | 16°15'15" | 17°27'27" | 5°12'27" | 27°56'56" |
| S 11 | 19 12 7 | 17°50'06" | 21°32'09" | 9°23'23" | 2°34'02" | 2°06'06" | 2°11'20" | 20°14'20" | 7°08'29" | 29°31'06" | 6°16'16" | 16°15'15" | 17°24'24" | 5°18'28" | 28°03'03" |
| M 12 | 19 16 4 | 18°47'18" | 4°11'34" | 11°29'32" | 3°24'24" | 2°47'24" | 2°24'24" | 20°21'21" | 7°11'29" | 29°32'06" | 6°18'18" | 16°14'14" | 17°21'21" | 5°25'28" | 28°10'10" |
| T 13 | 19 20 1 | 19°44'31" | 18°03'13" | 13°37'43" | 4°13'32" | 3°28'28" | 2°37'27" | 20°28'28" | 7°14'29" | 29°33'06" | 6°20'20" | 16°12'12" | 17°18'18" | 5°32'28" | 28°17'17" |
| W 14 | 19 23 57 | 20°41'44" | 2°01'44" | 15°45'05" | 5°01'04" | 4°09'09" | 2°50'20" | 20°35'35" | 7°17'29" | 29°34'06" | 6°21'21" | 16°09'09" | 17°14'14" | 5°38'28" | 28°24'24" |
| T 15 | 19 27 54 | 21°38'56" | 16°24'17" | 17°54'54" | 5°49'49" | 4°50'3° | 3°03'20" | 20°42'42" | 7°19'29" | 29°35'06" | 6°23'23" | 16°06'06" | 17°11'11" | 5°45'28" | 28°32'32" |
| F 16 | 19 31 50 | 22°36'09" | 1°03'11" | 20°03'03" | 6°36'36" | 5°31'31" | 3°16'16" | 20°49'49" | 7°22'29" | 29°36'06" | 6°25'25" | 16°03'03" | 17°08'08" | 5°52'28" | 28°39'39" |
| S 17 | 19 35 47 | 23°33'22" | 16°14'22" | 22°12'7° | 7°22'6° | 6°12'12" | 3°30'30" | 20°56'56" | 7°25'29" | 29°37'06" | 6°27'27" | 16°00'00" | 17°05'05" | 5°58'28" | 28°46'46" |
| S 18 | 19 39 43 | 24°30'36" | 1°00'25" | 24°20'8° | 8°07'6° | 6°52'34" | 3°43'21" | 21°03'03" | 7°27'29" | 29°38'06" | 6°28'28" | 15°59'59" | 17°02'02" | 6°05'28" | 28°53'53" |
| M 19 | 19 43 40 | 25°27'50" | 16°34'26" | 26°28'8° | 8°51'7° | 7°32'35" | 3°56'21" | 21°10'10" | 7°30'29" | 29°40'06" | 6°30'30" | 15°58'58" | 16°59'59" | 6°12'29" | 29°00'00" |
| T 20 | 19 47 37 | 26°25'04" | 1°03'33" | 28°35'9° | 9°35'8° | 8°13'4° | 4°09'21" | 21°17'17" | 7°33'29" | 29°41'06" | 6°32'32" | 15°59'59" | 16°55'55" | 6°18'29" | 29°08'08" |
| W 21 | 19 51 33 | 27°22'19" | 16°13'00" | 0°01'41" | 10°17'8° | 8°53'4° | 4°22'21" | 21°24'24" | 7°35'29" | 29°42'06" | 6°33'33" | 16°00'00" | 16°52'52" | 6°25'29" | 29°15'15" |
| T 22 | 19 55 30 | 28°19'35" | 0°01'31" | 2°46'10° | 10°58'9° | 9°33'4° | 4°36'21" | 21°31'31" | 7°38'29" | 29°43'06" | 6°35'35" | 16°01'01" | 16°49'49" | 6°32'29" | 29°23'23" |
| F 23 | 19 59 26 | 29°16'51" | 14°23'45° | 11°39'10° | 10°13'49" | 9°33'21" | 4°49'21" | 21°38'38" | 7°40'29" | 29°44'06" | 6°37'37" | 16°02'02" | 16°46'46" | 6°38'30" | 29°30'30" |
| S 24 | 20 3 23 | 0°01'49" | 27°52'6° | 6°52'12° | 12°18'10° | 10°53'5° | 5°02'21" | 21°44'44" | 7°43'29" | 29°46'06" | 6°39'39" | 16°03'03" | 16°43'43" | 6°45'29" | 29°38'38" |
| S 25 | 20 7 19 | 1°11'27" | 10°57'8° | 8°53'12° | 12°56'11° | 11°32'5° | 5°16'21° | 21°51'51" | 7°45'29" | 29°47'06" | 6°40'40" | 16°02'02" | 16°39'39" | 6°51'29" | 29°45'45" |
| M 26 | 20 11 16 | 2°08'46" | 23°42'10° | 10°52'13° | 13°33'12° | 12°12'5° | 5°29'21° | 21°58'58" | 7°47'29" | 29°49'06" | 6°42'42" | 16°01'01" | 16°36'36" | 6°58'29" | 29°53'53" |
| T 27 | 20 15 12 | 3°06'07" | 6°11'10" | 12°50'14° | 14°09'12° | 12°51'5° | 5°42'22° | 22°04'04" | 7°50'29" | 29°50'06" | 6°44'44" | 16°00'00" | 16°33'33" | 7°05'00" | 0°00'00" |
| W 28 | 20 19 9 | 4°03'28" | 18°25'14° | 14°46'14° | 13°30'5° | 12°11'5° | 5°55'22° | 22°11'11" | 7°52'29" | 29°51'06" | 6°45'45" | 15°58'58" | 16°30'30" | 7°11'00" | 0°08'08" |
| T 29 | 20 23 6 | 5°05'50" | 0°02'28" | 16°40'15° | 15°17'14° | 14°09'6° | 6°09'22° | 22°17'17" | 7°54'29" | 29°53'06" | 6°47'47" | 15°57'57" | 16°27'27" | 7°18'00" | 0°16'16" |
| F 30 | 20 27 2 | 5°58'13" | 12°24'18° | 18°33'15° | 15°49'14° | 14°48'6° | 6°22'22° | 22°23'23" | 7°57'29" | 29°54'06" | 6°49'49" | 15°55'55" | 16°24'24" | 7°25'00" | 0°24'24" |
| S 31 | 20 30 59 | 6°55'37" | 24°14'24" | 20°02'16° | 16°20'15° | 15°27'3° | 6°35'22° | 22°30'30" | 8°00'29" | 29°56'06" | 6°51'51" | 15°54'54" | 16°20'20" | 7°31'00" | 0°31'31" |

Delta T = 25.95 sec.

AUGUST 1943

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|
| S 1 | 20 34 55 | 7°05'30" | 6°02'22° | 22°02'14° | 16°11'49° | 16°08'5° | 6°02'48° | 22°11'36° | 8°11'01° | 29°11'57° | 6°02'52° | 15°54'54° | 16°02'17° | 7°02'38° | 0°11'39° |
| M 2 | 20 38 52 | 8°05'27" | 17°49'24° | 2°02'17° | 17°17'16° | 16°44'7° | 7°02'22° | 22°42'42° | 8°03'29° | 29°59'59° | 6°54'15° | 15°54'54° | 16°14'14° | 7°45'07° | 0°47'47° |
| T 3 | 20 42 48 | 9°04'54" | 29°38'25° | 4°48'17° | 17°43'17° | 17°22'7° | 7°15'22° | 22°49'49° | 8°05'00° | 0°00'00° | 6°56'15° | 15°54'54° | 16°11'11° | 7°51'00° | 0°55'55° |
| W 4 | 20 46 45 | 10°04'52" | 11°11'31° | 27°32'18° | 18°07'18° | 18°00'7° | 7°28'22° | 22°55'55° | 8°07'00° | 0°02'02° | 6°58'15° | 15°54'54° | 16°08'08° | 7°58'01° | 1°03'03° |
| T 5 | 20 50 41 | 11°04'49" | 23°31'23° | 29°15'18° | 18°30'18° | 18°38'1° | 7°42'23° | 23°01'01° | 8°09'00° | 0°03'03° | 6°59'15° | 15°55'55° | 16°05'05° | 8°05'01° | 1°11'11° |
| F 6 | 20 54 38 | 12°04'18" | 5°40'00° | 0°11'57° | 18°51'19° | 19°15'7° | 7°55'23° | 23°07'07° | 8°11'00° | 0°05'05° | 7°01'15° | 15°55'55° | 16°01'01° | 8°11'01° | 1°19'19° |
| S 7 | 20 58 34 | 13°03'47" | 18°03'2° | 2°36'19° | 19°10'19° | 19°53'8° | 8°08'23° | 23°13'13° | 8°13'00° | 0°07'07° | 7°03'15° | 15°55'55° | 15°58'58° | 8°18'01° | 1°27'27° |
| S 8 | 21 2 31 | 14°03'18" | 0°11'43° | 4°14'19° | 19°28'20° | 20°30'8° | 8°21'23° | 23°18'18° | 8°15'00° | 0°08'08° | 7°05'15° | 15°56'56° | 15°55'55° | 8°25'01° | 1°35'35° |
| M 9 | 21 6 28 | 15°02'49" | 13°42'5° | 5°51'19° | 19°43'21° | 21°07'8° | 8°35'23° | 23°24'24° | 8°17'00° | 0°10'10° | 7°06'15° | 15°56'56° | 15°52'52° | 8°31'01° | 1°43'43° |
| T 10 | 21 10 24 | 16°03'21" | 27°05'7° | 7°26'19° | 19°57'21° | 21°44'8° | 8°48'23° | 23°30'30° | 8°18'00° | 0°12'12° | 7°08'15° | 15°56'56° | 15°49'49° | 8°38'01° | 1°51'51° |
| W 11 | 21 14 21 | 17°02'54" | 10°07'52° | 8°59'20° | 20°08'22° | 22°21'9° | 9°01'23° | 23°36'36° | 8°20'00° | 0°14'14° | 7°10'15° | 15°56'56° | 15°45'45° | 8°44'01° | 1°59'59° |
| T 12 | 21 18 17 | 18°02'28" | 25°05'10° | 10°31'20° | 20°18'22° | 22°58'9° | 9°14'23° | 23°41'41° | 8°22'00° | 0°15'15° | 7°11'15° | 15°56'56° | 15°42'42° | 8°51'02° | 2°07'07° |
| F 13 | 21 22 14 | 19°02'02" | 9°03'41° | 12°01'20° | 20°25'23° | 23°34'9° | 9°27'23° | 23°47'47° | 8°24'00° | 0°17'17° | 7°13'15° | 15°56'56° | 15°39'39° | 8°58'02° | 2°15'15° |
| S 14 | 21 26 10 | 20°02'38" | 24°36'13° | 29°29'20° | 20°30'24° | 24°10'9° | 9°40'23° | 23°52'52° | 8°25'00° | 0°19'19° | 7°15'15° | 15°57'57° | 15°36'36° | 9°04'04° | 2°23'23° |
| S 15 | 21 30 7 | 21°02'18" | 9°00'43° | 14°56'20° | 20°33'24° | 24°46'9° | 9°54'23° | 23°58'58° | 8°27'00° | 0°21'21° | 7°17'15° | 15°57'57° | 15°33'33° | 9°11'02° | 2°31'31° |
| M 16 | 21 34 4 | 22°02'15" | 24°53'16° | 21°21'20° | 20°33'25° | 25°22'10° | 10°07'24° | 24°03'03° | 8°28'00° | 0°22'22° | 7°18'15° | 15°57'57° | 15°30'30° | 9°18'02° | 2°39'39° |
| T 17 | 21 38 0 | 23°02'13" | 9°05'58° | 17°45'20° | 20°31'25° | 25°57'10° | 10°20'24° | 24°08'08° | 8°30'00° | 0°24'24° | 7°20'15° | 15°56'56° | 15°26'26° | 9°24'02° | 2°48'48° |
| W 18 | 21 41 57 | 24°02'11" | 24°48'19° | 19°07'20° | 20°27'26° | 26°33'10° | 10°33'24° | 24°13'13° | 8°31'00° | 0°26'26° | 7°22'15° | 15°56'56° | 15°23'23° | 9°31'02° | 2°56'56° |
| T 19 | 21 45 53 | 25°02'08" | 9°01'17° | 20°27'20° | 20°20'27° | 27°08'10° | 10°46'24° | 24°19'19° | 8°32'00° | 0°28'28° | 7°23'15° | 15°55'55° | 15°20'20° | 9°38'03° | 3°04'04° |
| F 20 | 21 49 50 | 26°02'06" | 23°20'21° | 21°45'20° | 20°11'27° | 27°43'10° | 10°59'24° | 24°24'24° | 8°34'00° | 0°30'30° | 7°25'15° | 15°53'53° | 15°17'17° | 9°44'03° | 3°12'12° |
| S 21 | 21 53 46 | 27°02'04" | 6°05'56° | 23°01'20° | 20°00'28° | 28°17'11° | 11°12'24° | 24°28'28° | 8°35'00° | 0°32'32° | 7°27'15° | 15°52'52° | 15°14'14° | 9°51'03° | 3°20'20° |
| S 22 | 21 57 43 | 28°02'09" | 20°06'24° | 16°16'19° | 19°46'28° | 28°52'11° | 11°25'24° | 24°33'33° | 8°36'00° | 0°34'34° | 7°28'15° | 15°52'52° | 15°10'10° | 9°58'03° | 3°29'29° |
| M 23 | 22 1 39 | 28°59'57" | 2°11'51° | 25°29'19° | 19°30'29° | 29°26'11° | 11°38'24° | 24°38'38° | 8°37'00° | 0°36'36° | 7°30'15° | 15°52'52° | 15°07'07° | 10°04'04° | 3°37'37° |
| T 24 | 22 5 36 | 29°57'47" | 15°17'26° | 27°39'19° | 19°12'00° | 0°11'01° | 11°51'24° | 24°43'43° | 8°39'00° | 0°38'38° | 7°31'15° | 15°52'52° | 15°04'04° | 10°11'03° | 3°45'45° |
| W 25 | 22 9 32 | 0°11'53'39" | 27°26'27° | 27°48'18° | 18°51'03° | 12°04'12° | 12°04'24° | 24°48'48° | 8°40'00° | 0°40'40° | 7°33'15° | 15°53'53° | 15°01'01° | 10°17'03° | 3°53'53° |
| T 26 | 22 13 29 | 1°53'33" | 9°02'24° | 28°54'18° | 18°28'1° | 1°07'12° | 12°17'24° | 24°52'52° | 8°41'00° | 0°42'42° | 7°35'15° | 15°55'55° | 14°58'58° | 10°24'04° | 4°02'02° |

SWISS EPHEMERIS for the year 1943

SEPTEMBER 1943

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-------------------|--------|--------------------|-------------------|-------------------|
| W 1 | 22 37 8 | 7 ^h 41'30 | 20 ^h 36 | 4 ^h 40 | 15°R33 | 4 ^h 22 | 13 ^h 33 | 25 ^h 18 | 8 ^h 46 | 0 ^h 54 | 7 ^h 44 | 15°R53 | 14 ^h 39 | 11 ^h 4 | 4 ^h 51 |
| T 2 | 22 41 5 | 8°39'36 | 2 ^h 47 | 5°27 | 14 ^h 58 | 4°54 | 13°46 | 25°22 | 8°47 | 0°56 | 7°46 | 15°R50 | 14°36 | 11°11 | 5° 0 |
| F 3 | 22 45 1 | 9°37'42 | 15° 8 | 6°11 | 14°23 | 5°25 | 13°58 | 25°25 | 8°47 | 0°58 | 7°47 | 15°46 | 14°32 | 11°17 | 5° 8 |
| S 4 | 22 48 58 | 10°35'50 | 27°42 | 6°51 | 13°46 | 5°56 | 14°11 | 25°29 | 8°48 | 1° 0 | 7°49 | 15°42 | 14°29 | 11°24 | 5°16 |
| S 5 | 22 52 55 | 11°34'00 | 10 ^h 30 | 7°28 | 13°10 | 6°26 | 14°23 | 25°33 | 8°48 | 1° 2 | 7°50 | 15°39 | 14°26 | 11°31 | 5°24 |
| M 6 | 22 56 51 | 12°32'11 | 23°34 | 8° 0 | 12°32 | 6°57 | 14°36 | 25°36 | 8°49 | 1° 5 | 7°52 | 15°37 | 14°23 | 11°37 | 5°33 |
| T 7 | 23 0 48 | 13°30'24 | 6 ^h 55 | 8°28 | 11°55 | 7°26 | 14°48 | 25°40 | 8°49 | 1° 7 | 7°53 | 15°35 | 14°20 | 11°44 | 5°41 |
| W 8 | 23 4 44 | 14°28'38 | 20°35 | 8°51 | 11°18 | 7°56 | 15° 1 | 25°43 | 8°50 | 1° 9 | 7°55 | 15°D35 | 14°16 | 11°51 | 5°49 |
| T 9 | 23 8 41 | 15°26'54 | 4 ^h 34 | 9° 9 | 10°42 | 8°25 | 15°13 | 25°47 | 8°50 | 1°11 | 7°56 | 15°36 | 14°13 | 11°57 | 5°57 |
| F 10 | 23 12 37 | 16°25'11 | 18°53 | 9°21 | 10° 6 | 8°54 | 15°25 | 25°50 | 8°50 | 1°13 | 7°58 | 15°38 | 14°10 | 12° 4 | 6° 6 |
| S 11 | 23 16 34 | 17°23'30 | 3 ^h 29 | 9°28 | 9°31 | 9°23 | 15°37 | 25°53 | 8°51 | 1°15 | 7°59 | 15°39 | 14° 7 | 12°10 | 6°14 |
| S 12 | 23 20 30 | 18°21'50 | 18°19 | 9°R29 | 8°57 | 9°51 | 15°49 | 25°56 | 8°51 | 1°17 | 8° 0 | 15°R39 | 14° 4 | 12°17 | 6°22 |
| M13 | 23 24 27 | 19°20'12 | 3 ^h 15 | 9°24 | 8°24 | 10°19 | 16° 2 | 25°59 | 8°51 | 1°20 | 8° 2 | 15°38 | 14° 1 | 12°24 | 6°30 |
| T 14 | 23 28 24 | 20°18'36 | 18°11 | 9°12 | 7°53 | 10°46 | 16°14 | 26° 2 | 8°51 | 1°22 | 8° 3 | 15°36 | 13°57 | 12°30 | 6°38 |
| W15 | 23 32 20 | 21°17'01 | 2 ^h 58 | 8°53 | 7°24 | 11°13 | 16°26 | 26° 4 | 8°R51 | 1°24 | 8° 4 | 15°31 | 13°54 | 12°37 | 6°47 |
| T 16 | 23 36 17 | 22°15'29 | 17°29 | 8°27 | 6°56 | 11°40 | 16°37 | 26° 7 | 8°51 | 1°26 | 8° 6 | 15°26 | 13°51 | 12°44 | 6°55 |
| F 17 | 23 40 13 | 23°13'58 | 1 ^h 36 | 7°55 | 6°31 | 12° 7 | 16°49 | 26° 9 | 8°51 | 1°28 | 8° 7 | 15°20 | 13°48 | 12°50 | 7° 3 |
| S 18 | 23 44 10 | 24°12'30 | 15°18 | 7°16 | 6° 7 | 12°32 | 17° 1 | 26°12 | 8°51 | 1°31 | 8° 8 | 15°15 | 13°45 | 12°57 | 7°11 |
| S 19 | 23 48 6 | 25°11'03 | 28°32 | 6°30 | 5°46 | 12°58 | 17°13 | 26°14 | 8°51 | 1°33 | 8°10 | 15°10 | 13°42 | 13° 4 | 7°19 |
| M20 | 23 52 3 | 26° 9'39 | 11 ^h 21 | 5°39 | 5°27 | 13°23 | 17°25 | 26°16 | 8°50 | 1°35 | 8°11 | 15° 7 | 13°38 | 13°10 | 7°27 |
| T 21 | 23 55 59 | 27° 8'17 | 23°48 | 4°42 | 5°10 | 13°48 | 17°36 | 26°19 | 8°50 | 1°37 | 8°12 | 15°D 6 | 13°35 | 13°17 | 7°35 |
| W22 | 23 59 56 | 28° 6'58 | 5 ^h 57 | 3°42 | 4°56 | 14°12 | 17°48 | 26°21 | 8°50 | 1°40 | 8°13 | 15° 6 | 13°32 | 13°24 | 7°43 |
| T 23 | 0 3 53 | 29° 5'40 | 17°54 | 2°38 | 4°44 | 14°36 | 17°59 | 26°22 | 8°49 | 1°42 | 8°15 | 15° 8 | 13°29 | 13°30 | 7°51 |
| F 24 | 0 7 49 | 0 ^h 4'25 | 29°43 | 1°32 | 4°35 | 14°59 | 18°11 | 26°24 | 8°49 | 1°44 | 8°16 | 15° 9 | 13°26 | 13°37 | 7°59 |
| S 25 | 0 11 46 | 1° 3'12 | 11 ^h 30 | 0°27 | 4°28 | 15°22 | 18°22 | 26°26 | 8°48 | 1°46 | 8°17 | 15°R10 | 13°22 | 13°43 | 8° 7 |
| S 26 | 0 15 42 | 2° 2'01 | 23°19 | 29 ^h 23 | 4°23 | 15°44 | 18°33 | 26°27 | 8°48 | 1°49 | 8°18 | 15°10 | 13°19 | 13°50 | 8°15 |
| M27 | 0 19 39 | 3° 0'53 | 5 ^h 13 | 28°22 | 4°D21 | 16° 6 | 18°44 | 26°29 | 8°47 | 1°51 | 8°19 | 15° 8 | 13°16 | 13°57 | 8°23 |
| T 28 | 0 23 35 | 3°59'46 | 17°17 | 27°26 | 4°22 | 16°27 | 18°55 | 26°30 | 8°47 | 1°53 | 8°20 | 15° 3 | 13°13 | 14° 3 | 8°31 |
| W29 | 0 27 32 | 4°58'41 | 29°31 | 26°36 | 4°24 | 16°48 | 19° 6 | 26°31 | 8°46 | 1°55 | 8°21 | 14°57 | 13°10 | 14°10 | 8°38 |
| T 30 | 0 31 28 | 5 ^h 57'39 | 11 ^h 58 | 25 ^h 54 | 4 ^h 29 | 17°II 8 | 19°R17 | 26°II33 | 8°II45 | 1 ^h 57 | 8°R22 | 14°R48 | 13°R 7 | 14°R17 | 8 ^h 46 |

Delta T = 26.05 sec.

OCTOBER 1943

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------------------|--------------------|--------------------|--------------------|---------|--------|---------|--------|------------------|-------|--------|--------|--------|--------------------|
| F 1 | 0 35 25 | 6 ^h 56'38 | 24 ^h 37 | 25°R21 | 4 ^h 36 | 17°II28 | 19°R28 | 26°II34 | 8°R44 | 2 ^h 0 | 8°R24 | 14°R39 | 13°R 3 | 14°R23 | 8 ^h 54 |
| S 2 | 0 39 21 | 7°55'40 | 7 ^h 30 | 24 ^h 58 | 4°46 | 17°47 | 19°39 | 26°35 | 8°II44 | 2° 2 | 8°25 | 14°R29 | 13° 0 | 14°R30 | 9° 2 |
| S 3 | 0 43 18 | 8°54'43 | 20°35 | 24°44 | 4°57 | 18° 6 | 19°50 | 26°35 | 8°43 | 2° 4 | 8°26 | 14°20 | 12°57 | 14°37 | 9° 9 |
| M 4 | 0 47 15 | 9°53'48 | 3 ^h 52 | 24°D41 | 5°11 | 18°24 | 20° 0 | 26°36 | 8°42 | 2° 6 | 8°26 | 14°13 | 12°54 | 14°43 | 9°17 |
| T 5 | 0 51 11 | 10°52'56 | 17°21 | 24°49 | 5°26 | 18°41 | 20°11 | 26°37 | 8°41 | 2° 9 | 8°27 | 14° 9 | 12°51 | 14°50 | 9°25 |
| W 6 | 0 55 8 | 11°52'05 | 1 ^h 3 | 25° 7 | 5°44 | 18°58 | 20°21 | 26°37 | 8°40 | 2°11 | 8°28 | 14° 6 | 12°47 | 14°57 | 9°32 |
| T 7 | 0 59 4 | 12°51'15 | 14°56 | 25°35 | 6° 4 | 19°15 | 20°32 | 26°37 | 8°39 | 2°13 | 8°29 | 14°D 6 | 12°44 | 15° 3 | 9°40 |
| F 8 | 1 3 1 | 13°50'28 | 29° 1 | 26°12 | 6°25 | 19°30 | 20°42 | 26°38 | 8°38 | 2°15 | 8°30 | 14° 6 | 12°41 | 15°10 | 9°47 |
| S 9 | 1 6 57 | 14°49'42 | 13 ^h 18 | 26°58 | 6°48 | 19°45 | 20°52 | 26°38 | 8°36 | 2°17 | 8°31 | 14°R 7 | 12°38 | 15°16 | 9°55 |
| S 10 | 1 10 54 | 15°48'57 | 27°44 | 27°52 | 7°13 | 20° 0 | 21° 2 | 26°R38 | 8°35 | 2°20 | 8°32 | 14° 6 | 12°35 | 15°23 | 10° 2 |
| M11 | 1 14 50 | 16°48'15 | 12 ^h 17 | 28°54 | 7°40 | 20°13 | 21°12 | 26°38 | 8°34 | 2°22 | 8°33 | 14° 3 | 12°32 | 15°30 | 10° 9 |
| T 12 | 1 18 47 | 17°47'34 | 26°51 | 0 ^h 2 | 8° 8 | 20°26 | 21°22 | 26°38 | 8°33 | 2°24 | 8°33 | 13°58 | 12°28 | 15°36 | 10°17 |
| W13 | 1 22 44 | 18°46'56 | 11 ^h 20 | 1°15 | 8°38 | 20°39 | 21°32 | 26°37 | 8°31 | 2°26 | 8°34 | 13°49 | 12°25 | 15°43 | 10°24 |
| T 14 | 1 26 40 | 19°46'19 | 25°38 | 2°34 | 9°10 | 20°50 | 21°41 | 26°37 | 8°30 | 2°28 | 8°35 | 13°39 | 12°22 | 15°50 | 10°31 |
| F 15 | 1 30 37 | 20°45'44 | 9 ^h 38 | 3°58 | 9°43 | 21° 1 | 21°51 | 26°36 | 8°28 | 2°30 | 8°36 | 13°28 | 12°19 | 15°56 | 10°38 |
| S 16 | 1 34 33 | 21°45'12 | 23°16 | 5°25 | 10°17 | 21°12 | 22° 0 | 26°36 | 8°27 | 2°32 | 8°36 | 13°18 | 12°16 | 16° 3 | 10°45 |
| S 17 | 1 38 30 | 22°44'42 | 6 ^h 33 | 6°55 | 10°53 | 21°21 | 22° 9 | 26°35 | 8°25 | 2°35 | 8°37 | 13° 8 | 12°13 | 16°10 | 10°53 |
| M18 | 1 42 26 | 23°44'14 | 19°21 | 8°28 | 11°30 | 21°30 | 22°19 | 26°34 | 8°24 | 2°37 | 8°38 | 13° 1 | 12° 9 | 16°16 | 11° 0 |
| T 19 | 1 46 23 | 24°43'48 | 1 ^h 49 | 10° 3 | 12° 8 | 21°38 | 22°28 | 26°33 | 8°22 | 2°39 | 8°38 | 12°56 | 12° 6 | 16°23 | 11° 6 |
| W20 | 1 50 19 | 25°43'25 | 14° 0 | 11°39 | 12°48 | 21°45 | 22°37 | 26°32 | 8°21 | 2°41 | 8°39 | 12°54 | 12° 3 | 16°30 | 11°13 |
| T 21 | 1 54 16 | 26°43'03 | 25°57 | 13°17 | 13°28 | 21°52 | 22°46 | 26°31 | 8°19 | 2°43 | 8°39 | 12°D53 | 12° 0 | 16°36 | 11°20 |
| F 22 | 1 58 13 | 27°42'44 | 7 ^h 46 | 14°56 | 14°10 | 21°57 | 22°54 | 26°30 | 8°17 | 2°45 | 8°40 | 12°R54 | 11°57 | 16°43 | 11°27 |
| S 23 | 2 2 9 | 28°42'28 | 19°34 | 16°36 | 14°53 | 22° 2 | 23° 3 | 26°28 | 8°16 | 2°47 | 8°40 | 12°53 | 11°53 | 16°49 | 11°34 |
| S 24 | 2 6 6 | 29°42'13 | 1 ^h 24 | 18°16 | 15°37 | 22° 6 | 23°12 | 26°27 | 8°14 | 2°49 | 8°41 | 12°52 | 11°50 | 16°56 | 11°40 |
| M25 | 2 10 2 | 0 ^h 42'01 | 13°23 | 19°57 | 16°22 | 22° 9 | 23°20 | 26°25 | 8°12 | 2°51 | 8°41 | 12°48 | 11°47 | 17° 3 | 11°47 |
| T 26 | 2 13 59 | 1°41'51 | 25°34 | 21°38 | 17° 8 | 22°12 | 23°28 | 26°23 | 8°10 | 2°53 | 8°42 | 12°42 | 11°44 | 17° 9 | 11°53 |
| W27 | 2 17 55 | 2°41'43 | 7 ^h 59 | 23°19 | 17°55 | 22°13 | 23°36 | 26°22 | 8° 8 | 2°55 | 8°42 | 12°33 | 11°41 | 17°16 | 12° 0 |
| T 28 | 2 21 52 | 3°41'37 | 20°42 | 25° 0 | 18°43 | 22°R14 | 23°44 | 26°20 | 8° 6 | 2°57 | 8°43 | 12°21 | 11°38 | 17°23 | 12° 6 |
| F 29 | 2 25 48 | 4°41'33 | 3 ^h 41 | 26°41 | 19°32 | 22°14 | 23°52 | 26°18 | 8° 4 | 2°59 | 8°43 | 12° 8 | 11°34 | 17°29 | 12°13 |
| S 30 | 2 29 45 | 5°41'31 | 16°57 | 28°21 | 20°21 | 22°13 | 24° 0 | 26°15 | 8° 2 | 3° 1 | 8°43 | 11°55 | 11°31 | 17°36 | 12°19 |
| S 31 | 2 33 41 | 6 ^h 41'31 | 0 ^h 26 | 0 ^h 2 | 21 ^h 12 | 22°II11 | 24°R 8 | 26°II13 | 8°II 0 | 3 ^h 3 | 8°R44 | 11°R42 | 11°R28 | 17°R43 | 12 ^h 25 |

Delta T = 26.09 sec.

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SWISS EPHEMERIS for the year 1943

NOVEMBER 1943

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|-------|-------|-------|---------|-------|---------|--------|------|-------|--------|-------|-------|-------|
| M 1 | 2 37 38 | 7♏41'32 | 14♏6 | 1♏42 | 22♏3 | 22°R 8 | 24♏15 | 26°R11 | 7°R58 | 3♏5 | 8♏44 | 11°R32 | 11♏25 | 17♏49 | 12♏31 |
| T 2 | 2 41 35 | 8°41'36 | 27°55 | 3°21 | 22°55 | 22°II 4 | 24°22 | 26°II 8 | 7°II56 | 3°7 | 8°44 | 11°R25 | 11°22 | 17°56 | 12°37 |
| W 3 | 2 45 31 | 9°41'41 | 11°50 | 5°1 | 23°47 | 21°59 | 24°30 | 26°6 | 7°54 | 3°9 | 8°44 | 11°21 | 11°18 | 18°3 | 12°43 |
| T 4 | 2 49 28 | 10°41'48 | 25°49 | 6°40 | 24°40 | 21°54 | 24°37 | 26°3 | 7°52 | 3°11 | 8°45 | 11°19 | 11°15 | 18°9 | 12°49 |
| F 5 | 2 53 24 | 11°41'56 | 9°52 | 8°18 | 25°34 | 21°47 | 24°44 | 26°1 | 7°50 | 3°13 | 8°45 | 11°18 | 11°12 | 18°16 | 12°55 |
| S 6 | 2 57 21 | 12°42'06 | 23°58 | 9°56 | 26°29 | 21°40 | 24°50 | 25°58 | 7°47 | 3°14 | 8°45 | 11°18 | 11°9 | 18°23 | 13°1 |
| S 7 | 3 1 17 | 13°42'17 | 8°H 6 | 11°34 | 27°24 | 21°32 | 24°57 | 25°55 | 7°45 | 3°16 | 8°45 | 11°17 | 11°6 | 18°29 | 13°6 |
| M 8 | 3 5 14 | 14°42'29 | 22°15 | 13°11 | 28°20 | 21°23 | 25°4 | 25°52 | 7°43 | 3°18 | 8°45 | 11°13 | 11°3 | 18°36 | 13°12 |
| T 9 | 3 9 10 | 15°42'43 | 6°Y22 | 14°48 | 29°16 | 21°13 | 25°10 | 25°49 | 7°41 | 3°20 | 8°45 | 11°7 | 10°59 | 18°42 | 13°17 |
| W10 | 3 13 7 | 16°42'59 | 20°24 | 16°25 | 0♏13 | 21°2 | 25°16 | 25°45 | 7°38 | 3°21 | 8°R45 | 10°57 | 10°56 | 18°49 | 13°23 |
| T 11 | 3 17 4 | 17°43'16 | 4♏18 | 18°1 | 1°11 | 20°50 | 25°22 | 25°42 | 7°36 | 3°23 | 8°45 | 10°46 | 10°53 | 18°56 | 13°28 |
| F 12 | 3 21 0 | 18°43'35 | 17°58 | 19°37 | 2°9 | 20°38 | 25°28 | 25°39 | 7°34 | 3°25 | 8°45 | 10°33 | 10°50 | 19°2 | 13°34 |
| S 13 | 3 24 57 | 19°43'56 | 1♏22 | 21°13 | 3°7 | 20°25 | 25°34 | 25°35 | 7°31 | 3°27 | 8°45 | 10°20 | 10°47 | 19°9 | 13°39 |
| S 14 | 3 28 53 | 20°44'18 | 14°27 | 22°48 | 4°7 | 20°11 | 25°39 | 25°32 | 7°29 | 3°28 | 8°45 | 10°9 | 10°44 | 19°16 | 13°44 |
| M15 | 3 32 50 | 21°44'42 | 27°11 | 24°23 | 5°6 | 19°56 | 25°45 | 25°28 | 7°27 | 3°30 | 8°45 | 10°0 | 10°40 | 19°22 | 13°49 |
| T 16 | 3 36 46 | 22°45'08 | 9°37 | 25°58 | 6°6 | 19°40 | 25°50 | 25°25 | 7°24 | 3°31 | 8°45 | 9°53 | 10°37 | 19°29 | 13°54 |
| W17 | 3 40 43 | 23°45'36 | 21°47 | 27°32 | 7°7 | 19°24 | 25°55 | 25°21 | 7°22 | 3°33 | 8°44 | 9°50 | 10°34 | 19°36 | 13°59 |
| T 18 | 3 44 39 | 24°46'05 | 3♏44 | 29°7 | 8°8 | 19°7 | 26°0 | 25°17 | 7°19 | 3°35 | 8°44 | 9°48 | 10°31 | 19°42 | 14°3 |
| F 19 | 3 48 36 | 25°46'37 | 15°34 | 0♏41 | 9°9 | 18°49 | 26°4 | 25°13 | 7°17 | 3°36 | 8°44 | 9°D48 | 10°28 | 19°49 | 14°8 |
| S 20 | 3 52 33 | 26°47'10 | 27°22 | 2°14 | 10°11 | 18°31 | 26°9 | 25°9 | 7°14 | 3°38 | 8°44 | 9°R48 | 10°24 | 19°56 | 14°13 |
| S 21 | 3 56 29 | 27°47'45 | 9♏13 | 3°48 | 11°13 | 18°12 | 26°13 | 25°5 | 7°12 | 3°39 | 8°44 | 9°48 | 10°21 | 20°2 | 14°17 |
| M22 | 4 0 26 | 28°48'21 | 21°13 | 5°21 | 12°15 | 17°52 | 26°18 | 25°1 | 7°9 | 3°41 | 8°43 | 9°45 | 10°18 | 20°9 | 14°21 |
| T 23 | 4 4 22 | 29°48'59 | 3♏26 | 6°54 | 13°18 | 17°32 | 26°22 | 24°57 | 7°7 | 3°42 | 8°43 | 9°40 | 10°15 | 20°15 | 14°26 |
| W24 | 4 8 19 | 0♏49'39 | 15°58 | 8°27 | 14°21 | 17°11 | 26°25 | 24°52 | 7°4 | 3°43 | 8°43 | 9°33 | 10°12 | 20°22 | 14°30 |
| T 25 | 4 12 15 | 1°50'21 | 28°50 | 10°0 | 15°25 | 16°50 | 26°29 | 24°48 | 7°2 | 3°45 | 8°42 | 9°23 | 10°9 | 20°29 | 14°34 |
| F 26 | 4 16 12 | 2°51'04 | 12♏4 | 11°33 | 16°29 | 16°28 | 26°33 | 24°44 | 6°59 | 3°46 | 8°42 | 9°12 | 10°5 | 20°35 | 14°38 |
| S 27 | 4 20 8 | 3°51'48 | 25°39 | 13°6 | 17°33 | 16°6 | 26°36 | 24°39 | 6°57 | 3°48 | 8°41 | 9°0 | 10°2 | 20°42 | 14°42 |
| S 28 | 4 24 5 | 4°52'34 | 9♏32 | 14°38 | 18°38 | 15°44 | 26°39 | 24°35 | 6°54 | 3°49 | 8°41 | 8°50 | 9°59 | 20°49 | 14°45 |
| M29 | 4 28 2 | 5°53'21 | 23°39 | 16°10 | 19°43 | 15°21 | 26°42 | 24°30 | 6°52 | 3°50 | 8°40 | 8°41 | 9°56 | 20°55 | 14°49 |
| T 30 | 4 31 58 | 6°54'10 | 7♏54 | 17°43 | 20°48 | 14°II59 | 26°45 | 24°II26 | 6°II49 | 3♏51 | 8°40 | 8°43 | 9°53 | 21°0 | 14°53 |

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DECEMBER 1943

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|--------|--------|---------|---------|--------|---------|--------|------|-------|-------|------|-------|--------|
| W 1 | 4 35 55 | 7♏54'59 | 22♏14 | 19♏15 | 21♏53 | 14°R36 | 26♏47 | 24°R21 | 6°R47 | 3♏53 | 8°R39 | 8°R31 | 9♏50 | 21♏9 | 14♏56 |
| T 2 | 4 39 51 | 8°55'50 | 6°33 | 20°47 | 22°59 | 14°II13 | 26°50 | 24°II17 | 6°II44 | 3°54 | 8°D39 | 8°D30 | 9°46 | 21°15 | 15°0 |
| F 3 | 4 43 48 | 9°56'41 | 20°48 | 22°18 | 24°5 | 13°49 | 26°52 | 24°12 | 6°42 | 3°55 | 8°38 | 8°D30 | 9°43 | 21°22 | 15°3 |
| S 4 | 4 47 44 | 10°57'33 | 4°H57 | 23°50 | 25°11 | 13°26 | 26°54 | 24°7 | 6°39 | 3°56 | 8°38 | 8°R31 | 9°40 | 21°29 | 15°6 |
| S 5 | 4 51 41 | 11°58'26 | 18°59 | 25°21 | 26°18 | 13°3 | 26°56 | 24°2 | 6°37 | 3°57 | 8°37 | 8°31 | 9°37 | 21°35 | 15°9 |
| M 6 | 4 55 38 | 12°59'20 | 2°Y53 | 26°52 | 27°24 | 12°40 | 26°58 | 23°58 | 6°34 | 3°58 | 8°36 | 8°29 | 9°34 | 21°42 | 15°12 |
| T 7 | 4 59 34 | 14°0'14 | 16°40 | 28°23 | 28°31 | 12°17 | 26°59 | 23°53 | 6°32 | 3°59 | 8°36 | 8°25 | 9°30 | 21°49 | 15°15 |
| W 8 | 5 3 31 | 15°1'09 | 0♏17 | 29°53 | 29°38 | 11°55 | 27°0 | 23°48 | 6°29 | 4°0 | 8°35 | 8°18 | 9°27 | 21°55 | 15°18 |
| T 9 | 5 7 27 | 16°2'05 | 13°44 | 1♏23 | 0♏46 | 11°32 | 27°1 | 23°43 | 6°27 | 4°1 | 8°34 | 8°10 | 9°24 | 22°2 | 15°20 |
| F 10 | 5 11 24 | 17°3'01 | 26°58 | 2°53 | 1°53 | 11°10 | 27°2 | 23°38 | 6°24 | 4°2 | 8°34 | 8°0 | 9°21 | 22°9 | 15°23 |
| S 11 | 5 15 20 | 18°3'59 | 10°II0 | 4°22 | 3°1 | 10°48 | 27°3 | 23°33 | 6°22 | 4°3 | 8°33 | 7°51 | 9°18 | 22°15 | 15°25 |
| S 12 | 5 19 17 | 19°4'57 | 22°47 | 5°50 | 4°9 | 10°27 | 27°3 | 23°28 | 6°19 | 4°4 | 8°32 | 7°42 | 9°15 | 22°22 | 15°27 |
| M13 | 5 23 13 | 20°5'57 | 5°39 | 7°17 | 5°17 | 10°6 | 27°4 | 23°23 | 6°17 | 4°5 | 8°31 | 7°36 | 9°11 | 22°28 | 15°29 |
| T 14 | 5 27 10 | 21°6'57 | 17°36 | 8°44 | 6°26 | 9°45 | 27°R4 | 23°19 | 6°14 | 4°6 | 8°30 | 7°31 | 9°8 | 22°35 | 15°32 |
| W15 | 5 31 7 | 22°7'58 | 29°42 | 10°9 | 7°34 | 9°25 | 27°4 | 23°14 | 6°12 | 4°6 | 8°29 | 7°29 | 9°5 | 22°42 | 15°33 |
| T 16 | 5 35 3 | 23°8'59 | 11♏37 | 11°33 | 8°43 | 9°5 | 27°3 | 23°9 | 6°10 | 4°7 | 8°29 | 7°D29 | 9°2 | 22°48 | 15°35 |
| F 17 | 5 39 0 | 24°10'02 | 23°26 | 12°55 | 9°52 | 8°46 | 27°3 | 23°4 | 6°7 | 4°8 | 8°28 | 7°30 | 8°59 | 22°55 | 15°37 |
| S 18 | 5 42 56 | 25°11'06 | 5°H13 | 14°15 | 11°1 | 8°28 | 27°2 | 22°59 | 6°5 | 4°8 | 8°27 | 7°32 | 8°56 | 23°2 | 15°39 |
| S 19 | 5 46 53 | 26°12'10 | 17°4 | 15°34 | 12°10 | 8°10 | 27°1 | 22°54 | 6°2 | 4°9 | 8°26 | 7°33 | 8°52 | 23°8 | 15°40 |
| M20 | 5 50 49 | 27°13'15 | 29°2 | 16°49 | 13°20 | 7°53 | 27°0 | 22°49 | 6°0 | 4°10 | 8°25 | 7°R33 | 8°49 | 23°15 | 15°41 |
| T 21 | 5 54 46 | 28°14'21 | 11♏14 | 18°1 | 14°29 | 7°36 | 26°59 | 22°44 | 5°58 | 4°10 | 8°24 | 7°32 | 8°46 | 23°22 | 15°43 |
| W22 | 5 58 42 | 29°15'28 | 23°44 | 19°10 | 15°39 | 7°21 | 26°57 | 22°39 | 5°56 | 4°11 | 8°23 | 7°30 | 8°43 | 23°28 | 15°44 |
| T 23 | 6 2 39 | 0♏16'37 | 6°II37 | 20°15 | 16°49 | 7°6 | 26°56 | 22°34 | 5°53 | 4°11 | 8°22 | 7°25 | 8°40 | 23°35 | 15°45 |
| F 24 | 6 6 36 | 1°17'44 | 19°54 | 21°15 | 17°59 | 6°51 | 26°54 | 22°29 | 5°51 | 4°12 | 8°21 | 7°20 | 8°36 | 23°42 | 15°46 |
| S 25 | 6 10 32 | 2°18'53 | 3♏37 | 22°9 | 19°9 | 6°38 | 26°52 | 22°24 | 5°49 | 4°12 | 8°20 | 7°14 | 8°33 | 23°48 | 15°47 |
| S 26 | 6 14 29 | 3°20'03 | 17°44 | 22°57 | 20°20 | 6°25 | 26°50 | 22°20 | 5°47 | 4°13 | 8°19 | 7°8 | 8°30 | 23°55 | 15°47 |
| M27 | 6 18 25 | 4°21'13 | 2♏11 | 23°38 | 21°30 | 6°13 | 26°47 | 22°15 | 5°45 | 4°13 | 8°18 | 7°4 | 8°27 | 24°2 | 15°48 |
| T 28 | 6 22 22 | 5°22'23 | 16°51 | 24°10 | 22°41 | 6°2 | 26°44 | 22°10 | 5°42 | 4°13 | 8°16 | 7°0 | 8°24 | 24°8 | 15°48 |
| W29 | 6 26 18 | 6°23'33 | 1°38 | 24°34 | 23°51 | 5°51 | 26°42 | 22°5 | 5°40 | 4°14 | 8°15 | 6°D59 | 8°21 | 24°15 | 15°48 |
| T 30 | 6 30 15 | 7°24'44 | 16°24 | 24°47 | 25°2 | 5°42 | 26°39 | 22°1 | 5°38 | 4°14 | 8°14 | 6°59 | 8°17 | 24°22 | 15°49 |
| F 31 | 6 34 11 | 8°25'54 | 1°H3 | 24°R50 | 26°II13 | 5°II33 | 26°435 | 21°II56 | 5°II36 | 4♏14 | 8°13 | 7°0 | 8°14 | 24°28 | 15°R49 |

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