

SWISS EPHEMERIS for the year 1860

JANUARY 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|---------|--------|--------|----------|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| S 1 | 6 39 31 | 9°51'17 | 4°45'52 | 17°14 | 3°38 9 | 11°18'25 | 21°R35 | 25°R31 | 4°R24 | 24°K33 | 6°R38 | 11°R34 | 12°R49 | 26°A43 | 19°A47 |
| M 2 | 6 43 28 | 10°52'27 | 17° 3 | 18° 6 | 4°24 | 12° 2 | 21°E27 | 25°Q29 | 4°I22 | 24°34 | 6°R38 | 11°R34 | 12°46 | 26°50 | 19°50 |
| T 3 | 6 47 24 | 11°53'36 | 29°33 | 19° 1 | 5°39 | 12°39 | 21°19 | 25°26 | 4°21 | 24°35 | 6°38 | 11°33 | 12°43 | 26°56 | 19°54 |
| W 4 | 6 51 21 | 12°54'45 | 12°R25 | 20° 0 | 6°53 | 13°16 | 21°11 | 25°23 | 4°19 | 24°36 | 6°37 | 11°30 | 12°39 | 27° 3 | 19°58 |
| T 5 | 6 55 17 | 13°55'54 | 25°43 | 21° 3 | 8° 8 | 13°53 | 21° 3 | 25°20 | 4°17 | 24°37 | 6°37 | 11°26 | 12°36 | 27°10 | 20° 1 |
| F 6 | 6 59 14 | 14°57'03 | 9°II28 | 22° 8 | 9°23 | 14°30 | 20°55 | 25°17 | 4°15 | 24°38 | 6°37 | 11°22 | 12°33 | 27°16 | 20° 5 |
| S 7 | 7 3 10 | 15°58'11 | 23°38 | 23°16 | 10°37 | 15° 7 | 20°47 | 25°14 | 4°13 | 24°39 | 6°36 | 11°18 | 12°30 | 27°23 | 20° 9 |
| S 8 | 7 7 7 | 16°59'19 | 8°E11 | 24°26 | 11°52 | 15°44 | 20°39 | 25°11 | 4°12 | 24°40 | 6°36 | 11°15 | 12°27 | 27°30 | 20°13 |
| M 9 | 7 11 4 | 18° 0'27 | 22°58 | 25°38 | 13° 7 | 16°21 | 20°31 | 25° 7 | 4°10 | 24°41 | 6°36 | 11°12 | 12°24 | 27°36 | 20°17 |
| T 10 | 7 15 0 | 19° 1'35 | 7°Q54 | 26°52 | 14°21 | 16°58 | 20°23 | 25° 4 | 4° 9 | 24°42 | 6°35 | 11°D12 | 12°20 | 27°43 | 20°20 |
| W 11 | 7 18 57 | 20° 2'42 | 22°50 | 28° 8 | 15°36 | 17°35 | 20°15 | 25° 0 | 4° 7 | 24°44 | 6°35 | 11°12 | 12°17 | 27°50 | 20°24 |
| T 12 | 7 22 53 | 21° 3'49 | 7°P38 | 29°25 | 16°51 | 18°12 | 20° 7 | 24°57 | 4° 6 | 24°45 | 6°35 | 11°13 | 12°14 | 27°56 | 20°28 |
| F 13 | 7 26 50 | 22° 4'55 | 22°12 | 0°Z44 | 18° 5 | 18°48 | 19°59 | 24°53 | 4° 4 | 24°46 | 6°35 | 11°14 | 12°11 | 28° 3 | 20°32 |
| S 14 | 7 30 46 | 23° 6'02 | 6°A28 | 2° 4 | 19°20 | 19°25 | 19°51 | 24°50 | 4° 3 | 24°47 | 6°35 | 11°16 | 12° 8 | 28°10 | 20°36 |
| S 15 | 7 34 43 | 24° 7'08 | 20°25 | 3°25 | 20°34 | 20° 2 | 19°43 | 24°46 | 4° 1 | 24°49 | 6°35 | 11°R16 | 12° 5 | 28°16 | 20°40 |
| M 16 | 7 38 39 | 25° 8'15 | 4°M 2 | 4°47 | 21°49 | 20°39 | 19°35 | 24°42 | 4° 0 | 24°50 | 6°34 | 11°16 | 12° 1 | 28°23 | 20°44 |
| T 17 | 7 42 36 | 26° 9'21 | 17°20 | 6°10 | 23° 3 | 21°16 | 19°27 | 24°38 | 3°59 | 24°51 | 6°34 | 11°15 | 11°58 | 28°30 | 20°48 |
| W 18 | 7 46 33 | 27°10'27 | 0°X21 | 7°34 | 24°18 | 21°52 | 19°19 | 24°34 | 3°57 | 24°53 | 6°34 | 11°13 | 11°55 | 28°36 | 20°52 |
| T 19 | 7 50 29 | 28°11'32 | 13° 6 | 8°59 | 25°32 | 22°29 | 19°11 | 24°30 | 3°56 | 24°54 | 6°34 | 11°12 | 11°52 | 28°43 | 20°56 |
| F 20 | 7 54 26 | 29°12'37 | 25°38 | 10°25 | 26°46 | 23° 6 | 19° 3 | 24°26 | 3°55 | 24°56 | 6°34 | 11°10 | 11°49 | 28°50 | 21° 0 |
| S 21 | 7 58 22 | 0°R13'42 | 7°Z57 | 11°51 | 28° 1 | 23°42 | 18°55 | 24°22 | 3°54 | 24°57 | 6°D34 | 11° 8 | 11°45 | 28°56 | 21° 5 |
| S 22 | 8 2 19 | 1°14'46 | 20° 7 | 13°19 | 29°15 | 24°19 | 18°47 | 24°18 | 3°53 | 24°59 | 6°34 | 11° 7 | 11°42 | 29° 3 | 21° 9 |
| M 23 | 8 6 15 | 2°15'49 | 2°R 8 | 14°47 | 0°X29 | 24°56 | 18°40 | 24°13 | 3°52 | 25° 0 | 6°34 | 11° 6 | 11°39 | 29° 9 | 21°13 |
| T 24 | 8 10 12 | 3°16'51 | 14° 3 | 16°16 | 1°44 | 25°32 | 18°32 | 24° 9 | 3°51 | 25° 2 | 6°34 | 11°D 6 | 11°36 | 29°16 | 21°17 |
| W 25 | 8 14 8 | 4°17'52 | 25°52 | 17°45 | 2°58 | 26° 9 | 18°25 | 24° 4 | 3°50 | 25° 3 | 6°34 | 11° 6 | 11°33 | 29°23 | 21°21 |
| T 26 | 8 18 5 | 5°18'53 | 7°K40 | 19°15 | 4°12 | 26°45 | 18°17 | 24° 0 | 3°49 | 25° 5 | 6°34 | 11° 7 | 11°30 | 29°29 | 21°25 |
| F 27 | 8 22 2 | 6°19'52 | 19°27 | 20°46 | 5°26 | 27°21 | 18°10 | 23°56 | 3°48 | 25° 6 | 6°35 | 11° 7 | 11°26 | 29°36 | 21°30 |
| S 28 | 8 25 58 | 7°20'50 | 1°Y19 | 22°18 | 6°40 | 27°58 | 18° 2 | 23°51 | 3°48 | 25° 8 | 6°35 | 11° 8 | 11°23 | 29°43 | 21°34 |
| S 29 | 8 29 55 | 8°21'47 | 13°17 | 23°50 | 7°54 | 28°34 | 17°55 | 23°46 | 3°47 | 25°10 | 6°35 | 11° 8 | 11°20 | 29°49 | 21°38 |
| M 30 | 8 33 51 | 9°22'43 | 25°27 | 25°23 | 9° 8 | 29°10 | 17°48 | 23°42 | 3°46 | 25°11 | 6°35 | 11° 9 | 11°17 | 29°56 | 21°42 |
| T 31 | 8 37 48 | 10°23'38 | 7°B53 | 26°Z57 | 10°K22 | 29°M47 | 17°E41 | 23°Q37 | 3°II46 | 25°K13 | 6°B35 | 11°R 9 | 11°R14 | 0°K 3 | 21°A47 |

| Day | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | | | | | | | | | |
|------|-------------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | | | | | | | | | |
| S 1 | 23s 6 | 5n47 | 4n12 | 20s38 | 2n13 | 21s 2 | 1s36 | 14s21 | 0n58 | 22n 1 | 0n17 | 14n15 | 1n18 | 20n56 | 0s 6 | 3s20 | 1s17 | 1s46 | 16s23 | 17s20 | 16s59 | 11s27 | 9s 3 | 6n 9 |
| M 2 | 23 1 11 6 | 4 46 | 20 51 | 2 5 | 20 45 | 1 37 | 14 32 | 0 58 | 22 2 | 0 18 | 14 16 | 1 18 | 20 56 | 0 6 | 3 20 | 1 16 | 1 46 | 16 23 | 17 20 | 17 0 | 11 24 | 9 3 | 6 8 | |
| T 3 | 22 56 16 6 | 5 7 21 | 5 1 56 | 20 27 | 1 37 | 14 44 | 0 58 | 22 4 | 0 18 | 14 17 | 1 18 | 20 56 | 0 6 | 3 19 | 1 16 | 1 46 | 16 23 | 17 20 | 17 1 | 11 21 | 9 2 | 6 8 | | |
| W 4 | 22 50 20 33 | 5 14 21 | 18 1 47 | 20 9 | 1 38 | 14 56 | 0 57 | 22 5 | 0 18 | 14 18 | 1 18 | 20 55 | 0 6 | 3 19 | 1 16 | 1 46 | 16 22 | 17 21 | 17 1 | 11 18 | 9 1 | 6 8 | | |
| T 5 | 22 44 24 8 | 5 4 21 | 31 1 38 | 19 50 | 1 38 | 15 7 | 0 57 | 22 6 | 0 18 | 14 19 | 1 19 | 20 55 | 0 6 | 3 19 | 1 16 | 1 45 | 16 22 | 17 22 | 17 2 | 11 15 | 9 0 | 6 7 | | |
| F 6 | 22 37 26 27 | 4 37 21 | 44 1 30 | 19 30 | 1 39 | 15 18 | 0 56 | 22 8 | 0 18 | 14 20 | 1 19 | 20 55 | 0 6 | 3 18 | 1 16 | 1 45 | 16 22 | 17 23 | 17 3 | 11 12 | 8 59 | 6 7 | | |
| S 7 | 22 30 27 11 | 3 53 21 | 57 1 21 | 19 11 | 1 39 | 15 29 | 0 56 | 22 9 | 0 18 | 14 22 | 1 19 | 20 55 | 0 6 | 3 18 | 1 16 | 1 45 | 16 21 | 17 24 | 17 4 | 11 9 | 8 58 | 6 7 | | |
| S 8 | 22 23 26 4 | 2 52 22 | 9 1 12 | 18 50 | 1 39 | 15 41 | 0 56 | 22 10 | 0 18 | 14 23 | 1 19 | 20 54 | 0 6 | 3 17 | 1 16 | 1 45 | 16 21 | 17 25 | 17 5 | 11 6 | 8 57 | 6 7 | | |
| M 9 | 22 15 23 8 | 1 39 22 | 20 1 3 | 18 29 | 1 40 | 15 52 | 0 55 | 22 12 | 0 19 | 14 24 | 1 19 | 20 54 | 0 6 | 3 17 | 1 16 | 1 44 | 16 21 | 17 26 | 17 6 | 11 3 | 8 56 | 6 6 | | |
| T 10 | 22 6 18 36 | 0 18 22 | 31 0 54 | 18 8 | 1 40 | 16 2 | 0 55 | 22 13 | 0 19 | 14 25 | 1 19 | 20 54 | 0 6 | 3 16 | 1 16 | 1 44 | 16 20 | 17 26 | 17 7 | 10 59 | 8 55 | 6 6 | | |
| W 11 | 21 58 12 55 | 1s 4 22 | 42 0 45 | 17 45 | 1 40 | 16 13 | 0 54 | 22 15 | 0 19 | 14 27 | 1 20 | 20 53 | 0 6 | 3 16 | 1 16 | 1 44 | 16 20 | 17 26 | 17 8 | 10 56 | 8 54 | 6 6 | | |
| T 12 | 21 48 6 32 | 2 21 22 | 51 0 37 | 17 23 | 1 40 | 16 24 | 0 54 | 22 16 | 0 19 | 14 28 | 1 20 | 20 53 | 0 6 | 3 15 | 1 16 | 1 44 | 16 20 | 17 26 | 17 9 | 10 53 | 8 53 | 6 6 | | |
| F 13 | 21 39 0s 5 | 3 28 22 | 59 0 28 | 17 0 | 1 39 | 16 34 | 0 54 | 22 17 | 0 19 | 14 30 | 1 20 | 20 53 | 0 6 | 3 15 | 1 16 | 1 43 | 16 19 | 17 25 | 17 9 | 10 50 | 8 52 | 6 6 | | |
| S 14 | 21 29 6 33 | 4 20 23 | 7 0 20 | 16 36 | 1 39 | 16 45 | 0 53 | 22 18 | 0 19 | 14 31 | 1 20 | 20 53 | 0 6 | 3 14 | 1 16 | 1 43 | 16 19 | 17 25 | 17 10 | 10 47 | 8 51 | 6 5 | | |
| S 15 | 21 18 12 33 | 4 56 23 | 13 0 11 | 16 13 | 1 39 | 16 55 | 0 53 | 22 20 | 0 19 | 14 32 | 1 20 | 20 52 | 0 6 | 3 14 | 1 16 | 1 43 | 16 19 | 17 25 | 17 11 | 10 44 | 8 50 | 6 5 | | |
| M 16 | 21 7 17 48 | 5 14 23 | 19 0 3 | 15 48 | 1 39 | 17 5 | 0 52 | 22 21 | 0 20 | 14 34 | 1 21 | 20 52 | 0 6 | 3 13 | 1 16 | 1 43 | 16 18 | 17 25 | 17 12 | 10 41 | 8 49 | 6 5 | | |
| T 17 | 20 56 22 3 | 5 15 23 | 24 0s 5 | 15 23 | 1 38 | 17 15 | 0 52 | 22 22 | 0 20 | 14 35 | 1 21 | 20 52 | 0 6 | 3 12 | 1 16 | 1 42 | 16 18 | 17 25 | 17 13 | 10 38 | 8 48 | 6 5 | | |
| W 18 | 20 45 25 7 | 4 59 23 | 27 0 12 | 14 58 | 1 38 | 17 25 | 0 51 | 22 24 | 0 20 | 14 37 | 1 21 | 20 52 | 0 6 | 3 12 | 1 16 | 1 42 | 16 17 | 17 25 | 17 14 | 10 35 | 8 47 | 6 5 | | |
| T 19 | 20 32 26 50 | 4 29 23 | 29 0 20 | 14 33 | 1 37 | 17 35 | 0 51 | 22 25 | 0 20 | 14 38 | 1 21 | 20 51 | 0 6 | 3 11 | 1 16 | 1 42 | 16 17 | 17 26 | 17 15 | 10 32 | 8 46 | 6 4 | | |
| F 20 | 20 20 27 9 | 3 46 23 | 30 0 27 | 14 7 | 1 36 | 17 45 | 0 50 | 22 26 | 0 20 | 14 40 | 1 21 | 20 51 | 0 6 | 3 11 | 1 16 | 1 41 | 16 17 | 17 26 | 17 16 | 10 29 | 8 45 | 6 4 | | |
| S 21 | 20 7 26 7 | 2 54 23 | 30 0 34 | 13 40 | 1 36 | 17 55 | 0 50 | 22 27 | 0 20 | 14 41 | 1 21 | 20 51 | 0 6 | 3 10 | 1 16 | 1 41 | 16 16 | 17 27 | 17 17 | 10 26 | 8 44 | 6 4 | | |
| S 22 | 19 54 23 50 | 1 54 23 | 29 0 41 | 13 14 | 1 35 | 18 4 | 0 49 | 22 29 | 0 20 | 14 43 | 1 22 | 20 51 | 0 6 | 3 9 | 1 16 | 1 41 | 16 16 | 17 27 | 17 17 | 10 22 | 8 43 | 6 4 | | |
| M 23 | 19 40 20 30 | 0 50 23 | 26 0 48 | 12 46 | 1 34 | 18 13 | 0 49 | 22 30 | 0 20 | 14 45 | 1 22 | 20 51 | 0 6 | 3 9 | 1 16 | 1 40 | 16 16 | 17 27 | 17 18 | 10 19 | 8 42 | 6 4 | | |
| T 24 | 19 26 16 22 | 0n16 | 23 22 | 0 55 | 12 19 | 1 33 | 18 23 | 0 48 | 22 31 | 0 21 | 14 46 | 1 22 | 20 51 | 0 6 | 3 8 | 1 16 | 1 40 | 16 15 | 17 27 | 17 19 | 10 16 | 8 40 | 6 3 | |
| W 25 | 19 12 11 38 | 1 21 23 | 17 1 1 | 11 51 | 1 32 | 18 32 | 0 48 | 22 32 | 0 21 | 14 48 | 1 22 | 20 50 | 0 6 | 3 8 | 1 16 | 1 40 | 16 15 | 17 27 | 17 20 | 10 13 | 8 39 | 6 3 | | |
| T 26 | 18 57 6 30 | 2 22 23 | 11 1 7 | 11 23 | 1 31 | 18 41 | 0 47 | 22 33 | 0 21 | 14 49 | 1 22 | 20 50 | 0 6 | 3 7 | 1 16 | 1 39 | 16 15 | 17 27 | 17 21 | 10 10 | 8 38 | 6 3 | | |
| F 27 | 18 42 1 9 | 3 18 23 | 3 1 13 | 10 55 | 1 30 | 18 50 | 0 47 | 22 34 | 0 21 | 14 51 | 1 22 | 20 50 | 0 6 | 3 6 | 1 16 | 1 39 | 16 14 | 17 27 | 17 22 | 10 7 | 8 37 | 6 3 | | |
| S 28 | 18 27 4n16 | 4 5 22 | 54 1 18 | 10 26 | 1 28 | 18 58 | 0 46 | 22 35 | 0 21 | 14 53 | 1 22 | 20 50 | 0 6 | 3 6 | 1 16 | 1 38 | 16 14 | 17 27 | 17 23 | 10 4 | 8 36 | 6 3 | | |
| S 29 | 18 11 9 34 | 4 41 22 | 44 1 24 | 9 57 | 1 27 | 19 7 | 0 46 | 22 36 | 0 21 | 14 54 | 1 23 | 20 50 | 0 6 | 3 5 | 1 16 | 1 38 | 16 14 | 17 27 | 17 24 | 10 1 | 8 34 | 6 3 | | |

SWISS EPHEMERIS for the year 1860

FEBRUARY 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|---|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---|
| W 1 | 8 41 44 | 11 ^h 24 ^m 31 ^s | 20 ^h 39 ^m | 28 ^h 33 ^m | 11 ^h 36 ^m | 0 ^h 23 ^m | 17 ^h R34 | 23 ^h R32 | 3 ^h R45 | 25 ^h 15 ^m | 6 ^h 36 ^m | 11 ^h 9 ^m | 11 ^h 11 ^m | 0 ^h 9 ^m | 21 ^h 51 ^m | |
| T 2 | 8 45 41 | 12 ^h 25 ^m 23 ^s | 3 ^h 49 ^m | 0 ^h 7 ^m | 12 ^h 50 ^m | 0 ^h 59 ^m | 17 ^h 28 ^m | 23 ^h 28 ^m | 3 ^h 45 ^m | 25 ^h 17 ^m | 6 ^h 36 ^m | 11 ^h 9 ^m | 11 ^h 7 ^m | 0 ^h 16 ^m | 21 ^h 55 ^m | |
| F 3 | 8 49 37 | 13 ^h 26 ^m 13 ^s | 17 ^h 25 ^m | 1 ^h 43 ^m | 14 ^h 4 ^m | 1 ^h 35 ^m | 17 ^h 21 ^m | 23 ^h 23 ^m | 3 ^h 44 ^m | 25 ^h 19 ^m | 6 ^h 36 ^m | 11 ^h 9 ^m | 11 ^h 4 ^m | 0 ^h 23 ^m | 22 ^h 0 ^m | |
| S 4 | 8 53 34 | 14 ^h 27 ^m 02 ^s | 1 ^h 29 ^m | 3 ^h 19 ^m | 15 ^h 18 ^m | 2 ^h 11 ^m | 17 ^h 15 ^m | 23 ^h 18 ^m | 3 ^h 44 ^m | 25 ^h 20 ^m | 6 ^h 36 ^m | 11 ^h 9 ^m | 11 ^h 1 ^m | 0 ^h 29 ^m | 22 ^h 4 ^m | |
| S 5 | 8 57 31 | 15 ^h 27 ^m 50 ^s | 15 ^h 59 ^m | 4 ^h 57 ^m | 16 ^h 32 ^m | 2 ^h 48 ^m | 17 ^h 8 ^m | 23 ^h 13 ^m | 3 ^h 43 ^m | 25 ^h 22 ^m | 6 ^h 37 ^m | 11 ^h 10 ^m | 10 ^h 58 ^m | 0 ^h 36 ^m | 22 ^h 8 ^m | |
| M 6 | 9 1 27 | 16 ^h 28 ^m 37 ^s | 0 ^h 50 ^m | 6 ^h 35 ^m | 17 ^h 45 ^m | 3 ^h 24 ^m | 17 ^h 2 ^m | 23 ^h 9 ^m | 3 ^h 43 ^m | 25 ^h 24 ^m | 6 ^h 37 ^m | 11 ^h 10 ^m | 10 ^h 55 ^m | 0 ^h 43 ^m | 22 ^h 13 ^m | |
| T 7 | 9 5 24 | 17 ^h 29 ^m 21 ^s | 15 ^h 57 ^m | 8 ^h 14 ^m | 18 ^h 59 ^m | 4 ^h 0 ^m | 16 ^h 56 ^m | 23 ^h 4 ^m | 3 ^h 43 ^m | 25 ^h 26 ^m | 6 ^h 37 ^m | 11 ^h R10 | 10 ^h 51 ^m | 0 ^h 49 ^m | 22 ^h 17 ^m | |
| W 8 | 9 9 20 | 18 ^h 30 ^m 05 ^s | 1 ^h 11 ^m | 9 ^h 53 ^m | 20 ^h 12 ^m | 4 ^h 36 ^m | 16 ^h 50 ^m | 22 ^h 59 ^m | 3 ^h 43 ^m | 25 ^h 28 ^m | 6 ^h 38 ^m | 11 ^h 10 ^m | 10 ^h 48 ^m | 0 ^h 56 ^m | 22 ^h 21 ^m | |
| T 9 | 9 13 17 | 19 ^h 30 ^m 47 ^s | 16 ^h 20 ^m | 11 ^h 34 ^m | 21 ^h 26 ^m | 5 ^h 11 ^m | 16 ^h 44 ^m | 22 ^h 54 ^m | 3 ^h 43 ^m | 25 ^h 30 ^m | 6 ^h 38 ^m | 11 ^h 9 ^m | 10 ^h 45 ^m | 1 ^h 3 ^m | 22 ^h 26 ^m | |
| F 10 | 9 17 13 | 20 ^h 31 ^m 28 ^s | 1 ^h 17 ^m | 13 ^h 15 ^m | 22 ^h 39 ^m | 5 ^h 47 ^m | 16 ^h 39 ^m | 22 ^h 49 ^m | 3 ^h 42 ^m | 25 ^h 32 ^m | 6 ^h 39 ^m | 11 ^h 8 ^m | 10 ^h 42 ^m | 1 ^h 9 ^m | 22 ^h 30 ^m | |
| S 11 | 9 21 10 | 21 ^h 32 ^m 08 ^s | 15 ^h 53 ^m | 14 ^h 57 ^m | 23 ^h 53 ^m | 6 ^h 23 ^m | 16 ^h 33 ^m | 22 ^h 44 ^m | 3 ^h D42 | 25 ^h 34 ^m | 6 ^h 39 ^m | 11 ^h 7 ^m | 10 ^h 39 ^m | 1 ^h 16 ^m | 22 ^h 34 ^m | |
| S 12 | 9 25 6 | 22 ^h 32 ^m 47 ^s | 0 ^h 11 ^m | 16 ^h 40 ^m | 25 ^h 6 ^m | 6 ^h 59 ^m | 16 ^h 28 ^m | 22 ^h 40 ^m | 3 ^h 42 ^m | 25 ^h 36 ^m | 6 ^h 40 ^m | 11 ^h 5 ^m | 10 ^h 36 ^m | 1 ^h 23 ^m | 22 ^h 39 ^m | |
| M13 | 9 29 3 | 23 ^h 33 ^m 25 ^s | 13 ^h 51 ^m | 18 ^h 24 ^m | 26 ^h 19 ^m | 7 ^h 35 ^m | 16 ^h 23 ^m | 22 ^h 35 ^m | 3 ^h 43 ^m | 25 ^h 38 ^m | 6 ^h 40 ^m | 11 ^h 5 ^m | 10 ^h 32 ^m | 1 ^h 29 ^m | 22 ^h 43 ^m | |
| T 14 | 9 33 0 | 24 ^h 34 ^m 01 ^s | 27 ^h 11 ^m | 20 ^h 9 ^m | 27 ^h 33 ^m | 8 ^h 10 ^m | 16 ^h 18 ^m | 22 ^h 30 ^m | 3 ^h 43 ^m | 25 ^h 40 ^m | 6 ^h 41 ^m | 11 ^h D 5 | 10 ^h 29 ^m | 1 ^h 36 ^m | 22 ^h 47 ^m | |
| W15 | 9 36 56 | 25 ^h 34 ^m 37 ^s | 10 ^h 7 ^m | 21 ^h 54 ^m | 28 ^h 46 ^m | 8 ^h 46 ^m | 16 ^h 13 ^m | 22 ^h 25 ^m | 3 ^h 43 ^m | 25 ^h 42 ^m | 6 ^h 41 ^m | 11 ^h 5 ^m | 10 ^h 26 ^m | 1 ^h 43 ^m | 22 ^h 52 ^m | |
| T 16 | 9 40 53 | 26 ^h 35 ^m 11 ^s | 22 ^h 43 ^m | 23 ^h 41 ^m | 29 ^h 59 ^m | 9 ^h 22 ^m | 16 ^h 8 ^m | 22 ^h 20 ^m | 3 ^h 43 ^m | 25 ^h 44 ^m | 6 ^h 42 ^m | 11 ^h 6 ^m | 10 ^h 23 ^m | 1 ^h 49 ^m | 22 ^h 56 ^m | |
| F 17 | 9 44 49 | 27 ^h 35 ^m 44 ^s | 5 ^h 2 ^m | 25 ^h 28 ^m | 1 ^h 12 ^m | 9 ^h 57 ^m | 16 ^h 4 ^m | 22 ^h 15 ^m | 3 ^h 43 ^m | 25 ^h 46 ^m | 6 ^h 42 ^m | 11 ^h 7 ^m | 10 ^h 20 ^m | 1 ^h 56 ^m | 23 ^h 0 ^m | |
| S 18 | 9 48 46 | 28 ^h 36 ^m 16 ^s | 17 ^h 10 ^m | 27 ^h 16 ^m | 2 ^h 25 ^m | 10 ^h 33 ^m | 15 ^h 59 ^m | 22 ^h 10 ^m | 3 ^h 44 ^m | 25 ^h 48 ^m | 6 ^h 43 ^m | 11 ^h 9 ^m | 10 ^h 17 ^m | 2 ^h 2 ^m | 23 ^h 5 ^m | |
| S 19 | 9 52 42 | 29 ^h 36 ^m 46 ^s | 29 ^h 7 ^m | 29 ^h 5 ^m | 3 ^h 38 ^m | 11 ^h 8 ^m | 15 ^h 55 ^m | 22 ^h 6 ^m | 3 ^h 44 ^m | 25 ^h 50 ^m | 6 ^h 43 ^m | 11 ^h 10 ^m | 10 ^h 13 ^m | 2 ^h 9 ^m | 23 ^h 9 ^m | |
| M20 | 9 56 39 | 0 ^h 37 ^m 14 ^s | 10 ^h 59 ^m | 0 ^h 55 ^m | 4 ^h 51 ^m | 11 ^h 43 ^m | 15 ^h 51 ^m | 22 ^h 1 ^m | 3 ^h 45 ^m | 25 ^h 52 ^m | 6 ^h 44 ^m | 11 ^h R11 | 10 ^h 10 ^m | 2 ^h 16 ^m | 23 ^h 13 ^m | |
| T 21 | 10 0 36 | 1 ^h 37 ^m 42 ^s | 22 ^h 48 ^m | 2 ^h 46 ^m | 6 ^h 3 ^m | 12 ^h 19 ^m | 15 ^h 48 ^m | 21 ^h 56 ^m | 3 ^h 45 ^m | 25 ^h 54 ^m | 6 ^h 45 ^m | 11 ^h 10 ^m | 10 ^h 7 ^m | 2 ^h 22 ^m | 23 ^h 17 ^m | |
| W22 | 10 4 32 | 2 ^h 38 ^m 07 ^s | 4 ^h 36 ^m | 4 ^h 38 ^m | 7 ^h 16 ^m | 12 ^h 54 ^m | 15 ^h 44 ^m | 21 ^h 51 ^m | 3 ^h 46 ^m | 25 ^h 56 ^m | 6 ^h 45 ^m | 11 ^h 8 ^m | 10 ^h 4 ^m | 2 ^h 29 ^m | 23 ^h 22 ^m | |
| T 23 | 10 8 29 | 3 ^h 38 ^m 31 ^s | 16 ^h 24 ^m | 6 ^h 30 ^m | 8 ^h 29 ^m | 13 ^h 29 ^m | 15 ^h 41 ^m | 21 ^h 47 ^m | 3 ^h 46 ^m | 25 ^h 58 ^m | 6 ^h 46 ^m | 11 ^h 6 ^m | 10 ^h 1 ^m | 2 ^h 36 ^m | 23 ^h 26 ^m | |
| F 24 | 10 12 25 | 4 ^h 38 ^m 53 ^s | 28 ^h 16 ^m | 8 ^h 23 ^m | 9 ^h 41 ^m | 14 ^h 4 ^m | 15 ^h 37 ^m | 21 ^h 42 ^m | 3 ^h 47 ^m | 26 ^h 0 ^m | 6 ^h 47 ^m | 11 ^h 2 ^m | 9 ^h 57 ^m | 2 ^h 42 ^m | 23 ^h 30 ^m | |
| S 25 | 10 16 22 | 5 ^h 39 ^m 13 ^s | 10 ^h 13 ^m | 10 ^h 17 ^m | 10 ^h 54 ^m | 14 ^h 39 ^m | 15 ^h 34 ^m | 21 ^h 37 ^m | 3 ^h 48 ^m | 26 ^h 2 ^m | 6 ^h 47 ^m | 10 ^h 58 ^m | 9 ^h 54 ^m | 2 ^h 49 ^m | 23 ^h 35 ^m | |
| S 26 | 10 20 18 | 6 ^h 39 ^m 31 ^s | 22 ^h 17 ^m | 12 ^h 11 ^m | 12 ^h 6 ^m | 15 ^h 14 ^m | 15 ^h 32 ^m | 21 ^h 33 ^m | 3 ^h 48 ^m | 26 ^h 5 ^m | 6 ^h 48 ^m | 10 ^h 53 ^m | 9 ^h 51 ^m | 2 ^h 56 ^m | 23 ^h 39 ^m | |
| M27 | 10 24 15 | 7 ^h 39 ^m 48 ^s | 4 ^h 31 ^m | 14 ^h 5 ^m | 13 ^h 19 ^m | 15 ^h 49 ^m | 15 ^h 29 ^m | 21 ^h 28 ^m | 3 ^h 49 ^m | 26 ^h 7 ^m | 6 ^h 49 ^m | 10 ^h 49 ^m | 9 ^h 48 ^m | 3 ^h 2 ^m | 23 ^h 43 ^m | |
| T 28 | 10 28 11 | 8 ^h 40 ^m 02 ^s | 16 ^h 59 ^m | 16 ^h 0 ^m | 14 ^h 31 ^m | 16 ^h 24 ^m | 15 ^h 26 ^m | 21 ^h 23 ^m | 3 ^h 50 ^m | 26 ^h 9 ^m | 6 ^h 50 ^m | 10 ^h 46 ^m | 9 ^h 45 ^m | 3 ^h 9 ^m | 23 ^h 47 ^m | |
| W29 | 10 32 8 | 9 ^h 40 ^m 15 ^s | 29 ^h 42 ^m | 17 ^h 55 ^m | 15 ^h 43 ^m | 16 ^h 59 ^m | 15 ^h 24 ^m | 21 ^h 19 ^m | 3 ^h 51 ^m | 26 ^h 11 ^m | 6 ^h 51 ^m | 10 ^h 44 ^m | 9 ^h 42 ^m | 3 ^h 16 ^m | 23 ^h 51 ^m | |

| Day | ☉ | | ☽ | | ♀ | | ♁ | | ♂ | | ♃ | | ♅ | | ♁ | | ♁ | | ♁ | | ♁ | | | |
|------|---------|-------|-------|-------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|-------|-------|------|------|------|
| | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | | |
| W 1 | 17s22 | 22n58 | 5n14 | 22s 4 | 1s38 | 8s29 | 1s23 | 19s32 | 0n44 | 22n39 | 0n21 | 14n59 | 1n23 | 20n50 | 0s 6 | 3s 3 | 1s16 | 1s37 | 16s13 | 17s27 | 17s26 | 9s51 | 8s31 | 6n 2 |
| T 2 | 17 5 25 | 44 4 | 54 21 | 48 1 | 4 42 | 8 0 | 1 21 | 19 40 | 0 43 | 22 40 | 0 21 | 15 1 | 1 23 | 20 49 | 0 6 | 3 2 | 1 16 | 1 36 | 16 12 | 17 27 | 17 27 | 9 48 | 8 29 | 6 2 |
| F 3 | 16 48 | 27 7 | 4 17 | 21 31 | 1 46 | 7 30 | 1 19 | 19 48 | 0 43 | 22 41 | 0 22 | 15 3 | 1 23 | 20 49 | 0 6 | 3 1 | 1 16 | 1 36 | 16 12 | 17 27 | 17 28 | 9 45 | 8 28 | 6 2 |
| S 4 | 16 31 | 26 50 | 3 23 | 21 12 | 1 49 | 6 59 | 1 17 | 19 56 | 0 42 | 22 42 | 0 22 | 15 4 | 1 23 | 20 49 | 0 6 | 3 1 | 1 16 | 1 36 | 16 11 | 17 27 | 17 29 | 9 42 | 8 27 | 6 2 |
| S 5 | 16 13 | 24 45 | 2 16 | 20 52 | 1 53 | 6 29 | 1 16 | 20 3 | 0 41 | 22 43 | 0 22 | 15 6 | 1 23 | 20 49 | 0 6 | 3 0 | 1 16 | 1 35 | 16 11 | 17 26 | 17 30 | 9 39 | 8 26 | 6 2 |
| M 6 | 15 55 | 20 55 | 0 57 | 20 30 | 1 56 | 5 58 | 1 14 | 20 11 | 0 41 | 22 44 | 0 22 | 15 8 | 1 24 | 20 49 | 0 6 | 2 59 | 1 15 | 1 35 | 16 11 | 17 26 | 17 31 | 9 36 | 8 24 | 6 2 |
| T 7 | 15 36 | 15 39 | 0s27 | 20 7 | 1 58 | 5 28 | 1 12 | 20 18 | 0 40 | 22 45 | 0 22 | 15 9 | 1 24 | 20 49 | 0 6 | 2 58 | 1 15 | 1 34 | 16 10 | 17 26 | 17 31 | 9 33 | 8 23 | 6 2 |
| W 8 | 15 18 | 9 22 | 1 49 | 19 43 | 2 0 | 4 57 | 1 10 | 20 26 | 0 40 | 22 46 | 0 22 | 15 11 | 1 24 | 20 49 | 0 6 | 2 58 | 1 15 | 1 34 | 16 10 | 17 26 | 17 32 | 9 30 | 8 22 | 6 2 |
| T 9 | 14 59 | 2 35 | 3 3 | 19 17 | 2 2 | 4 26 | 1 7 | 20 33 | 0 39 | 22 47 | 0 22 | 15 13 | 1 24 | 20 49 | 0 6 | 2 57 | 1 15 | 1 33 | 16 10 | 17 27 | 17 33 | 9 26 | 8 20 | 6 2 |
| F 10 | 14 40 | 4s14 | 4 4 | 18 50 | 2 4 | 3 55 | 1 5 | 20 40 | 0 38 | 22 47 | 0 22 | 15 15 | 1 24 | 20 49 | 0 6 | 2 56 | 1 15 | 1 33 | 16 9 | 17 27 | 17 34 | 9 23 | 8 19 | 6 2 |
| S 11 | 14 20 | 10 40 | 4 47 | 18 21 | 2 5 | 3 24 | 1 3 | 20 47 | 0 37 | 22 48 | 0 22 | 15 16 | 1 24 | 20 49 | 0 6</ | | | | | | | | | |

SWISS EPHEMERIS for the year 1860

MARCH 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|--------------------|---------------------|
| T 1 | 10 36 4 | 10 ^h 40'25" | 12 ^h 45' | 19 ^h 49' | 16 ^h 55' | 17 ^h 33' | 15°R22 | 21°R14 | 3 ^h 52' | 26 ^h 13' | 6 ^h 51' | 10°D44 | 9 ^h 38' | 3 ^h 22' | 23 ^h 56' |
| F 2 | 10 40 1 | 11°40'33" | 26°10' | 21°44' | 18° 7' | 18° 8' | 15 ^h 20' | 21 ^h 10' | 3°53' | 26°16' | 6°52' | 10 ^h 45' | 9°35' | 3°29' | 24° 0' |
| S 3 | 10 43 58 | 12°40'39" | 10 ^h 0' | 23°37' | 19°19' | 18°42' | 15°19' | 21° 6' | 3°54' | 26°18' | 6°53' | 10°46' | 9°32' | 3°36' | 24° 4' |
| S 4 | 10 47 54 | 13°40'44" | 24°16' | 25°30' | 20°31' | 19°17' | 15°17' | 21° 1' | 3°55' | 26°20' | 6°54' | 10°48' | 9°29' | 3°42' | 24° 8' |
| M 5 | 10 51 51 | 14°40'45" | 8 ^h 56' | 27°21' | 21°43' | 19°51' | 15°16' | 20°57' | 3°56' | 26°22' | 6°55' | 10°R48 | 9°26' | 3°49' | 24°12' |
| T 6 | 10 55 47 | 15°40'45" | 23°55' | 29°10' | 22°54' | 20°26' | 15°15' | 20°53' | 3°58' | 26°25' | 6°56' | 10°48' | 9°22' | 3°56' | 24°16' |
| W 7 | 10 59 44 | 16°40'43" | 9 ^h 7' | 0 ^h 57' | 24° 6' | 21° 0' | 15°14' | 20°49' | 3°59' | 26°27' | 6°57' | 10°45' | 9°19' | 4° 2' | 24°20' |
| T 8 | 11 3 40 | 17°40'38" | 24°21' | 2°42' | 25°17' | 21°34' | 15°13' | 20°45' | 4° 0' | 26°29' | 6°58' | 10°41' | 9°16' | 4° 9' | 24°24' |
| F 9 | 11 7 37 | 18°40'32" | 9 ^h 29' | 4°23' | 26°29' | 22° 8' | 15°13' | 20°41' | 4° 2' | 26°31' | 6°59' | 10°36' | 9°13' | 4°16' | 24°29' |
| S 10 | 11 11 33 | 19°40'24" | 24°19' | 6° 1' | 27°40' | 22°42' | 15°12' | 20°37' | 4° 3' | 26°34' | 7° 0' | 10°30' | 9°10' | 4°22' | 24°33' |
| S 11 | 11 15 30 | 20°40'14" | 8 ^h 45' | 7°34' | 28°51' | 23°16' | 15°D12 | 20°33' | 4° 5' | 26°36' | 7° 1' | 10°24' | 9° 7' | 4°29' | 24°37' |
| M12 | 11 19 27 | 21°40'03" | 22°43' | 9° 3' | 0 ^h 2' | 23°50' | 15°12' | 20°29' | 4° 6' | 26°38' | 7° 2' | 10°19' | 9° 3' | 4°36' | 24°41' |
| T 13 | 11 23 23 | 22°39'50" | 6 ^h 11' | 10°26' | 1°13' | 24°24' | 15°13' | 20°25' | 4° 8' | 26°40' | 7° 3' | 10°16' | 9° 0' | 4°42' | 24°44' |
| W14 | 11 27 20 | 23°39'35" | 19°12' | 11°44' | 2°24' | 24°57' | 15°13' | 20°22' | 4° 9' | 26°43' | 7° 4' | 10°D15 | 8°57' | 4°49' | 24°48' |
| T 15 | 11 31 16 | 24°39'19" | 1 ^h 348' | 12°56' | 3°35' | 25°31' | 15°14' | 20°18' | 4°11' | 26°45' | 7° 5' | 10°15' | 8°54' | 4°56' | 24°52' |
| F 16 | 11 35 13 | 25°39'00" | 14° 5' | 14° 1' | 4°45' | 26° 4' | 15°15' | 20°15' | 4°13' | 26°47' | 7° 6' | 10°16' | 8°51' | 5° 2' | 24°56' |
| S 17 | 11 39 9 | 26°38'40" | 26° 7' | 14°59' | 5°56' | 26°37' | 15°16' | 20°11' | 4°14' | 26°49' | 7° 7' | 10°18' | 8°48' | 5° 9' | 25° 0' |
| S 18 | 11 43 6 | 27°38'19" | 8 ^h 0' | 15°50' | 7° 6' | 27°11' | 15°17' | 20° 8' | 4°16' | 26°52' | 7° 8' | 10°R18 | 8°44' | 5°16' | 25° 4' |
| M19 | 11 47 2 | 28°37'55" | 19°47' | 16°34' | 8°16' | 27°44' | 15°18' | 20° 4' | 4°18' | 26°54' | 7° 9' | 10°18' | 8°41' | 5°22' | 25° 8' |
| T 20 | 11 50 59 | 29°37'29" | 1 ^h 34' | 17°10' | 9°26' | 28°17' | 15°20' | 20° 1' | 4°20' | 26°56' | 7°10' | 10°15' | 8°38' | 5°29' | 25°11' |
| W21 | 11 54 56 | 0 ^h 37'02" | 13°22' | 17°38' | 10°36' | 28°50' | 15°22' | 19°58' | 4°22' | 26°59' | 7°11' | 10°10' | 8°35' | 5°36' | 25°15' |
| T 22 | 11 58 52 | 1°36'32" | 25°15' | 17°58' | 11°46' | 29°23' | 15°24' | 19°55' | 4°24' | 27° 1' | 7°12' | 10° 3' | 8°32' | 5°42' | 25°19' |
| F 23 | 12 2 49 | 2°36'01" | 7 ^h 14' | 18°11' | 12°56' | 29°55' | 15°26' | 19°52' | 4°26' | 27° 3' | 7°13' | 9°54' | 8°28' | 5°49' | 25°22' |
| S 24 | 12 6 45 | 3°35'27" | 19°21' | 18°R15 | 14° 6' | 0 ^h 28' | 15°28' | 19°49' | 4°28' | 27° 5' | 7°15' | 9°44' | 8°25' | 5°56' | 25°26' |
| S 25 | 12 10 42 | 4°34'52" | 1 ^h 36' | 18°12' | 15°15' | 1° 0' | 15°31' | 19°47' | 4°30' | 27° 8' | 7°16' | 9°33' | 8°22' | 6° 2' | 25°30' |
| M26 | 12 14 38 | 5°34'14" | 14° 2' | 18° 2' | 16°25' | 1°32' | 15°34' | 19°44' | 4°32' | 27°10' | 7°17' | 9°24' | 8°19' | 6° 9' | 25°33' |
| T 27 | 12 18 35 | 6°33'34" | 26°39' | 17°44' | 17°34' | 2° 5' | 15°37' | 19°41' | 4°34' | 27°12' | 7°18' | 9°15' | 8°16' | 6°15' | 25°37' |
| W28 | 12 22 31 | 7°32'52" | 9 ^h 29' | 17°21' | 18°43' | 2°37' | 15°40' | 19°39' | 4°37' | 27°14' | 7°19' | 9° 9' | 8°13' | 6°22' | 25°40' |
| T 29 | 12 26 28 | 8°32'07" | 22°33' | 16°51' | 19°52' | 3° 9' | 15°43' | 19°37' | 4°39' | 27°17' | 7°21' | 9° 6' | 8° 9' | 6°29' | 25°44' |
| F 30 | 12 30 25 | 9°31'21" | 5 ^h 25' | 16°16' | 21° 1' | 3°40' | 15°47' | 19°34' | 4°41' | 27°19' | 7°22' | 9°D 5' | 8° 6' | 6°35' | 25°47' |
| S 31 | 12 34 21 | 10 ^h 30'31" | 19 ^h 26' | 15 ^h 37' | 22 ^h 8' | 4 ^h 12' | 15 ^h 50' | 19 ^h 32' | 4 ^h 44' | 27 ^h 21' | 7 ^h 23' | 9 ^h 5' | 8 ^h 3' | 6 ^h 42' | 25 ^h 50' |

| Day | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | | | | | | | | | |
|------|-----------|---------|--------|------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | | | | | | | | | |
| T 1 | 7s34 | 26n45 | 4n26 | 4s51 | 0s53 | 6n31 | 0s 9 | 22s31 | 0n22 | 22n58 | 0n24 | 15n47 | 1n25 | 20n51 | 0s 5 | 2s39 | 1s15 | 1s23 | 16s 3 | 17s33 | 17s51 | 8s21 | 7s52 | 6n 2 |
| F 2 | 7 11 27 | 5 3 40 | 3 57 | 0 43 | 7 2 | 0 5 | 22 35 | 0 21 | 22 58 | 0 24 | 15 48 | 1 25 | 20 51 | 0 5 | 2 38 | 1 15 | 1 22 | 16 3 | 17 33 | 17 52 | 8 17 | 7 50 | 6 2 | |
| S 3 | 6 48 25 | 4 45 | 2 41 | 3 3 | 0 33 | 7 32 | 0 2 | 22 39 | 0 20 | 22 58 | 0 24 | 15 50 | 1 25 | 20 52 | 0 5 | 2 37 | 1 15 | 1 22 | 16 2 | 17 33 | 17 53 | 8 14 | 7 49 | 6 2 |
| S 4 | 6 25 22 | 4 45 | 1 29 | 2 8 | 0 23 | 8 3 | 0n 2 | 22 43 | 0 19 | 22 59 | 0 24 | 15 51 | 1 25 | 20 52 | 0 5 | 2 36 | 1 15 | 1 21 | 16 2 | 17 32 | 17 54 | 8 11 | 7 47 | 6 2 |
| M 5 | 6 2 18 | 12 0 | 10 1 | 1 14 | 0 12 | 8 33 | 0 5 | 22 46 | 0 18 | 22 59 | 0 24 | 15 52 | 1 25 | 20 52 | 0 5 | 2 36 | 1 15 | 1 21 | 16 2 | 17 32 | 17 55 | 8 8 | 7 46 | 6 2 |
| T 6 | 5 39 12 | 27 1s11 | 0 20 | 0 0 | 9 3 | 0 9 | 22 50 | 0 17 | 22 59 | 0 24 | 15 54 | 1 25 | 20 52 | 0 5 | 2 35 | 1 15 | 1 20 | 16 2 | 17 32 | 17 55 | 8 5 | 7 44 | 6 2 | |
| W 7 | 5 16 5 | 5 22 | 2 28 | 0n34 | 0n12 | 9 33 | 0 12 | 22 53 | 0 16 | 22 59 | 0 24 | 15 55 | 1 25 | 20 53 | 0 5 | 2 34 | 1 15 | 1 20 | 16 1 | 17 33 | 17 56 | 8 2 | 7 43 | 6 2 |
| T 8 | 4 52 1s | 3 3 35 | 1 27 | 0 25 | 10 2 | 0 16 | 22 57 | 0 15 | 22 59 | 0 24 | 15 56 | 1 25 | 20 53 | 0 5 | 2 33 | 1 15 | 1 19 | 16 1 | 17 34 | 17 57 | 7 58 | 7 42 | 6 2 | |
| F 9 | 4 29 7 | 5 0 | 4 26 | 2 19 | 0 37 | 10 31 | 0 19 | 23 0 | 0 14 | 22 59 | 0 24 | 15 58 | 1 25 | 20 53 | 0 5 | 2 32 | 1 15 | 1 19 | 16 1 | 17 36 | 17 58 | 7 55 | 7 40 | 6 3 |
| S 10 | 4 6 14 | 3 4 58 | 3 10 | 0 50 | 11 0 | 0 23 | 23 3 | 0 13 | 22 59 | 0 24 | 15 59 | 1 25 | 20 53 | 0 5 | 2 31 | 1 15 | 1 18 | 16 0 | 17 37 | 17 59 | 7 52 | 7 39 | 6 3 | |
| S 11 | 3 42 19 | 19 5 | 10 3 | 3 59 | 1 4 | 11 29 | 0 27 | 23 6 | 0 12 | 22 59 | 0 24 | 16 0 | 1 25 | 20 54 | 0 5 | 2 30 | 1 15 | 1 18 | 16 0 | 17 39 | 18 0 | 7 49 | 7 37 | 6 3 |
| M12 | 3 18 23 | 21 5 | 3 4 46 | 1 17 | 11 58 | 0 30 | 23 9 | 0 10 | 23 0 | 0 24 | 16 1 | 1 25 | 20 54 | 0 5 | 2 29 | 1 15 | 1 17 | 16 0 | 17 40 | 18 0 | 7 46 | 7 36 | 6 3 | |
| T 13 | 2 55 25 | 57 4 40 | 5 31 | 1 30 | 12 26 | 0 34 | 23 11 | 0 9 | 23 0 | 0 24 | 16 3 | 1 26 | 20 54 | 0 5 | 2 28 | 1 15 | 1 17 | 16 0 | 17 41 | 18 1 | 7 43 | 7 35 | 6 3 | |
| W14 | 2 31 27 | 2 4 2 | 6 13 | 1 43 | 12 54 | 0 38 | 23 14 | 0 8 | 23 0 | 0 24 | 16 4 | 1 25 | 20 55 | 0 5 | 2 28 | 1 15 | 1 16 | 15 59 | 17 41 | 18 2 | 7 40 | 7 33 | 6 3 | |
| T 15 | 2 8 26 | 40 3 14 | 6 53 | 1 56 | 13 22 | 0 41 | 23 16 | 0 7 | 22 59 | 0 24 | 16 5 | 1 25 | 20 55 | 0 5 | 2 27 | 1 15 | 1 15 | 15 59 | 17 41 | 18 3 | 7 36 | 7 32 | 6 3 | |
| F 16 | 1 44 24 | 59 2 17 | 7 30 | 2 8 | 13 49 | 0 45 | 23 18 | 0 6 | 22 59 | 0 24 | 16 6 | 1 25 | 20 55 | 0 5 | 2 26 | 1 15 | 1 15 | 15 59 | 17 41 | 18 4 | 7 33 | 7 30 | 6 3 | |
| S 17 | 1 20 22 | 11 1 16 | 8 3 | 2 20 | 14 16 | 0 49 | 23 21 | 0 4 | 22 59 | 0 24 | 16 7 | 1 25 | 20 56 | 0 5 | 2 25 | 1 15 | 1 14 | 15 59 | 17 41 | 18 5 | 7 30 | 7 29 | 6 4 | |
| S 18 | 0 56 18 | 29 0 13 | 8 34 | 2 31 | 14 43 | 0 52 | 23 23 | 0 3 | 22 59 | 0 24 | 16 8 | 1 25 | 20 56 | 0 5 | 2 24 | 1 15 | 1 14 | 15 59 | 17 40 | 18 5 | 7 27 | 7 28 | 6 4 | |
| M19 | 0 33 14 | 5 0n51 | 9 0 | 2 42 | 15 10 | 0 56 | 23 24 | 0 2 | 22 59 | 0 24 | 16 9 | 1 25 | 20 56 | 0 5 | 2 23 | 1 15 | 1 13 | 15 58 | 17 41 | 18 6 | 7 24 | 7 26 | 6 4 | |
| T 20 | 0 9 9 | 11 1 52 | 9 23 | 2 51 | 15 36 | 1 0 | 23 26 | 0 1 | 22 59 | 0 25 | 16 10 | 1 25 | 20 57 | 0 5 | 2 22 | 1 15 | 1 13 | 15 58 | 17 41 | 18 7 | 7 21 | 7 25 | 6 4 | |
| W21 | 0n15 | 3 57 | 2 49 | 3 0 | 16 1 | 1 4 | 23 28 | 0s | 1 22 59 | 0 25 | 16 11 | 1 25 | 20 57 | 0 5 | 2 21 | 1 15 | 1 12 | 15 58 | 17 43 | 18 8 | 7 17 | 7 23 | 6 4 | |
| T 22 | 0 38 1n26 | 3 38 | 9 56 | 3 7 | 16 27 | 1 7 | 23 29 | 0 2 | 22 59 | 0 25 | 16 12 | 1 25 | 20 57 | 0 5 | 2 20 | 1 15 | 1 12 | 15 58 | 17 44 | 18 9 | 7 14 | 7 22 | 6 4 | |
| F 23 | 1 2 6 | 49 4 18 | 10 7 | 3 13 | 16 52 | 1 11 | 23 31 | 0 3 | 22 58 | 0 25 | 16 13 | 1 25 | 20 58 | 0 5 | 2 19 | 1 15 | 1 11 | 15 57 | 17 47 | 18 10 | 7 11 | 7 21 | 6 5 | |
| S 24 | 1 26 11 | 59 4 46 | 10 13 | 3 18 | 17 16 | 1 15 | 23 32 | 0 5 | 22 58 | 0 25 | 16 14 | 1 25 | 20 58 | 0 5 | 2 19 | 1 15 | 1 10 | 15 57 | 17 50 | 18 10 | 7 8 | 7 19 | 6 5 | |
| S 25 | 1 49 16 | 46 5 2 | 10 15 | 3 22 | 17 41 | 1 19 | 23 33 | 0 6 | 22 58 | 0 25 | 16 15 | 1 25 | 20 59 | 0 5 | 2 18 | 1 15 | 1 10 | 15 57 | 17 52 | 18 11 | 7 5 | 7 18 | 6 5 | |
| M26 | 2 13 20 | 54 5 4 | 10 13 | 3 24 | 18 4 | 1 22 | 23 35 | 0 8 | 22 58 | 0 25 | 16 16 | 1 25 | 20 59 | 0 5 | 2 17 | 1 15 | 1 9 | 15 57 | 17 55 | 18 12 | 7 2 | 7 17 | 6 5 | |
| T 27 | 2 36 24 | 9 4 51 | 10 7 | 3 24 | 18 28 | 1 26 | 23 36 | 0 9 | 22 57 | 0 25 | 16 16 | 1 25 | 20 59 | 0 5 | 2 16 | 1 15 | 1 9 | 15 57 | 17 57 | 18 13 | 6 58 | 7 15 | 6 5 | |
| W28 | 3 0 26 | 14 4 24 | 9 56 | 3 23 | 18 51 | 1 30 | 23 36 | 0 10 | 22 57 | 0 25 | 16 17 | 1 25 | 21 0 | 0 5 | 2 15 | 1 15 | 1 8 | 15 56 | 17 59 | 18 14 | 6 55 | 7 14 | 6 6 | |
| T 29 | 3 23 26 | 57 3 42 | 9 42 | 3 | | | | | | | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1860

APRIL 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|-------|--------|------|--------|------|-------|------|-------|-------|
| S 1 | 12 38 18 | 11°29'40 | 3♁37 | 14°R54 | 23♁18 | 4♁43 | 15♁54 | 19°R30 | 4♁46 | 27°K23 | 7♁24 | 9°R 6 | 8♁ 0 | 6♁49 | 25♁54 |
| M 2 | 12 42 14 | 12°28'46 | 17°59 | 14°Y 8 | 24°26 | 5°15 | 15°58 | 19°Ω28 | 4°48 | 27°26 | 7°26 | 9° 5 | 7°57 | 6°55 | 25°57 |
| T 3 | 12 46 11 | 13°27'50 | 2♁39 | 13°21 | 25°34 | 5°46 | 16° 2 | 19°26 | 4°51 | 27°28 | 7°27 | 9° 3 | 7°54 | 7° 2 | 26° 0 |
| W 4 | 12 50 7 | 14°26'51 | 17°33 | 12°33 | 26°42 | 6°17 | 16° 7 | 19°24 | 4°53 | 27°30 | 7°28 | 8°59 | 7°50 | 7° 9 | 26° 3 |
| T 5 | 12 54 4 | 15°25'50 | 2♁35 | 11°45 | 27°50 | 6°48 | 16°11 | 19°23 | 4°56 | 27°32 | 7°29 | 8°52 | 7°47 | 7°15 | 26° 7 |
| F 6 | 12 58 0 | 16°24'47 | 17°34 | 10°58 | 28°58 | 7°19 | 16°16 | 19°21 | 4°58 | 27°34 | 7°31 | 8°42 | 7°44 | 7°22 | 26°10 |
| S 7 | 13 1 57 | 17°23'43 | 2♁22 | 10°13 | 0♁ 5 | 7°49 | 16°21 | 19°20 | 5° 1 | 27°37 | 7°32 | 8°32 | 7°41 | 7°29 | 26°13 |
| S 8 | 13 5 53 | 18°22'36 | 16°50 | 9°31 | 1°12 | 8°20 | 16°26 | 19°18 | 5° 4 | 27°39 | 7°33 | 8°22 | 7°38 | 7°35 | 26°16 |
| M 9 | 13 9 50 | 19°21'27 | 0♁53 | 8°52 | 2°19 | 8°50 | 16°31 | 19°17 | 5° 6 | 27°41 | 7°34 | 8°13 | 7°34 | 7°42 | 26°19 |
| T 10 | 13 13 47 | 20°20'17 | 14°27 | 8°17 | 3°26 | 9°20 | 16°36 | 19°16 | 5° 9 | 27°43 | 7°36 | 8° 5 | 7°31 | 7°49 | 26°22 |
| W 11 | 13 17 43 | 21°19'05 | 27°33 | 7°47 | 4°33 | 9°50 | 16°42 | 19°15 | 5°12 | 27°45 | 7°37 | 8° 1 | 7°28 | 7°55 | 26°25 |
| T 12 | 13 21 40 | 22°17'51 | 10♁13 | 7°21 | 5°40 | 10°19 | 16°47 | 19°14 | 5°15 | 27°47 | 7°38 | 7°59 | 7°25 | 8° 2 | 26°28 |
| F 13 | 13 25 36 | 23°16'36 | 22°33 | 7° 0 | 6°46 | 10°49 | 16°53 | 19°13 | 5°17 | 27°49 | 7°40 | 7°D58 | 7°22 | 8° 9 | 26°30 |
| S 14 | 13 29 33 | 24°15'18 | 4♁36 | 6°44 | 7°52 | 11°18 | 16°59 | 19°12 | 5°20 | 27°51 | 7°41 | 7°R58 | 7°19 | 8°15 | 26°33 |
| S 15 | 13 33 29 | 25°13'59 | 16°29 | 6°33 | 8°58 | 11°47 | 17° 5 | 19°12 | 5°23 | 27°53 | 7°42 | 7°58 | 7°15 | 8°22 | 26°36 |
| M 16 | 13 37 26 | 26°12'38 | 28°16 | 6°28 | 10° 3 | 12°16 | 17°11 | 19°11 | 5°26 | 27°56 | 7°44 | 7°56 | 7°12 | 8°29 | 26°38 |
| T 17 | 13 41 22 | 27°11'16 | 10♁ 4 | 6°D27 | 11° 9 | 12°45 | 17°18 | 19°11 | 5°29 | 27°58 | 7°45 | 7°52 | 7° 9 | 8°35 | 26°41 |
| W 18 | 13 45 19 | 28° 9'52 | 21°55 | 6°32 | 12°14 | 13°13 | 17°24 | 19°10 | 5°32 | 28° 0 | 7°46 | 7°46 | 7° 6 | 8°42 | 26°44 |
| T 19 | 13 49 16 | 29° 8'26 | 3°Y53 | 6°42 | 13°19 | 13°42 | 17°31 | 19°10 | 5°35 | 28° 2 | 7°48 | 7°36 | 7° 3 | 8°49 | 26°46 |
| F 20 | 13 53 12 | 0♁ 6'58 | 16° 1 | 6°57 | 14°24 | 14°10 | 17°38 | 19°D10 | 5°38 | 28° 4 | 7°49 | 7°25 | 6°59 | 8°55 | 26°49 |
| S 21 | 13 57 9 | 1° 5'28 | 28°21 | 7°16 | 15°28 | 14°38 | 17°45 | 19°10 | 5°41 | 28° 6 | 7°51 | 7°11 | 6°56 | 9° 2 | 26°51 |
| S 22 | 14 1 5 | 2° 3'56 | 10♁52 | 7°40 | 16°32 | 15° 5 | 17°52 | 19°10 | 5°44 | 28° 8 | 7°52 | 6°58 | 6°53 | 9° 9 | 26°53 |
| M 23 | 14 5 2 | 3° 2'23 | 23°35 | 8° 8 | 17°36 | 15°32 | 17°59 | 19°11 | 5°47 | 28°10 | 7°53 | 6°45 | 6°50 | 9°15 | 26°56 |
| T 24 | 14 8 58 | 4° 0'48 | 6♁29 | 8°40 | 18°40 | 15°59 | 18° 6 | 19°11 | 5°50 | 28°12 | 7°55 | 6°34 | 6°47 | 9°22 | 26°58 |
| W 25 | 14 12 55 | 4°59'11 | 19°35 | 9°17 | 19°44 | 16°26 | 18°14 | 19°11 | 5°53 | 28°13 | 7°56 | 6°26 | 6°44 | 9°29 | 27° 0 |
| T 26 | 14 16 51 | 5°57'31 | 2♁52 | 9°57 | 20°47 | 16°53 | 18°22 | 19°12 | 5°56 | 28°15 | 7°57 | 6°20 | 6°40 | 9°35 | 27° 2 |
| F 27 | 14 20 48 | 6°55'50 | 16°21 | 10°41 | 21°50 | 17°19 | 18°29 | 19°13 | 6° 0 | 28°17 | 7°59 | 6°18 | 6°37 | 9°42 | 27° 4 |
| S 28 | 14 24 45 | 7°54'07 | 0♁ 3 | 11°28 | 22°52 | 17°45 | 18°37 | 19°13 | 6° 3 | 28°19 | 8° 0 | 6°17 | 6°34 | 9°49 | 27° 6 |
| S 29 | 14 28 41 | 8°52'21 | 13°58 | 12°19 | 23°54 | 18°11 | 18°45 | 19°14 | 6° 6 | 28°21 | 8° 1 | 6°17 | 6°31 | 9°55 | 27° 8 |
| M 30 | 14 32 38 | 9♁50'33 | 28♁ 7 | 13°Y13 | 24♁56 | 18♁36 | 18♁54 | 19°Ω15 | 6♁ 9 | 28°K23 | 8♁ 3 | 6♁16 | 6♁28 | 10♁ 2 | 27°10 |

| Day | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|-------|-------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| S 1 | 4n33 | 19n50 | 0n29 | 8n39 | 3n 0 | 20n18 | 1n44 | 23s39 | 0s17 | 22n55 | 0n25 | 16n20 | 1n25 | 21n 2 | 0s 5 |
| M 2 | 4 56 | 14 42 | 0s47 | 8 12 | 2 51 | 20 38 | 1 48 | 23 39 | 0 18 | 22 55 | 0 25 | 16 20 | 1 25 | 21 2 | 0 5 |
| T 3 | 5 19 | 8 38 | 2 2 | 7 43 | 2 39 | 20 58 | 1 51 | 23 40 | 0 20 | 22 55 | 0 25 | 16 21 | 1 25 | 21 3 | 0 5 |
| W 4 | 5 42 | 2 1 | 3 10 | 7 13 | 2 27 | 21 18 | 1 55 | 23 40 | 0 21 | 22 54 | 0 25 | 16 21 | 1 25 | 21 3 | 0 5 |
| T 5 | 6 5 | 4s46 | 4 5 | 6 42 | 2 14 | 21 37 | 1 58 | 23 40 | 0 23 | 22 54 | 0 25 | 16 22 | 1 25 | 21 3 | 0 5 |
| F 6 | 6 28 | 11 15 | 4 43 | 6 10 | 1 59 | 21 55 | 2 2 | 23 40 | 0 25 | 22 53 | 0 25 | 16 22 | 1 25 | 21 4 | 0 5 |
| S 7 | 6 50 | 17 0 | 5 1 | 5 38 | 1 44 | 22 13 | 2 5 | 23 40 | 0 27 | 22 52 | 0 25 | 16 23 | 1 25 | 21 4 | 0 5 |
| S 8 | 7 13 | 21 39 | 4 59 | 5 7 | 1 28 | 22 31 | 2 8 | 23 40 | 0 28 | 22 52 | 0 25 | 16 23 | 1 25 | 21 5 | 0 5 |
| M 9 | 7 35 | 24 54 | 4 40 | 4 37 | 1 12 | 22 48 | 2 12 | 23 40 | 0 30 | 22 51 | 0 25 | 16 23 | 1 25 | 21 5 | 0 5 |
| T 10 | 7 57 | 26 36 | 4 4 | 4 8 | 0 55 | 23 4 | 2 15 | 23 40 | 0 32 | 22 51 | 0 25 | 16 24 | 1 25 | 21 6 | 0 5 |
| W 11 | 8 19 | 26 43 | 3 17 | 3 41 | 0 39 | 23 20 | 2 18 | 23 39 | 0 34 | 22 50 | 0 25 | 16 24 | 1 25 | 21 6 | 0 5 |
| T 12 | 8 41 | 25 25 | 2 22 | 3 16 | 0 22 | 23 35 | 2 21 | 23 39 | 0 36 | 22 49 | 0 25 | 16 24 | 1 25 | 21 7 | 0 5 |
| F 13 | 9 3 | 22 54 | 1 21 | 2 52 | 0 6 | 23 50 | 2 24 | 23 38 | 0 38 | 22 49 | 0 25 | 16 25 | 1 24 | 21 7 | 0 5 |
| S 14 | 9 25 | 19 25 | 0 18 | 2 32 | 0s10 | 24 4 | 2 27 | 23 38 | 0 39 | 22 48 | 0 25 | 16 25 | 1 24 | 21 8 | 0 5 |
| S 15 | 9 46 | 15 12 | 0n45 | 2 13 | 0 25 | 24 17 | 2 30 | 23 37 | 0 41 | 22 47 | 0 25 | 16 25 | 1 24 | 21 8 | 0 5 |
| M 16 | 10 8 | 10 26 | 1 46 | 1 58 | 0 40 | 24 30 | 2 33 | 23 37 | 0 43 | 22 46 | 0 25 | 16 25 | 1 24 | 21 9 | 0 5 |
| T 17 | 10 29 | 5 19 | 2 41 | 1 45 | 0 54 | 24 42 | 2 36 | 23 36 | 0 45 | 22 46 | 0 25 | 16 25 | 1 24 | 21 10 | 0 5 |
| W 18 | 10 50 | 0n 1 | 3 30 | 1 34 | 1 7 | 24 54 | 2 39 | 23 35 | 0 48 | 22 45 | 0 25 | 16 25 | 1 24 | 21 10 | 0 5 |
| T 19 | 11 11 | 5 23 | 4 10 | 1 26 | 1 20 | 25 5 | 2 41 | 23 35 | 0 50 | 22 44 | 0 26 | 16 25 | 1 24 | 21 11 | 0 5 |
| F 20 | 11 31 | 10 37 | 4 40 | 1 21 | 1 32 | 25 16 | 2 44 | 23 34 | 0 52 | 22 43 | 0 26 | 16 25 | 1 24 | 21 11 | 0 5 |
| S 21 | 11 52 | 15 30 | 4 56 | 1 18 | 1 43 | 25 25 | 2 46 | 23 33 | 0 54 | 22 42 | 0 26 | 16 25 | 1 24 | 21 12 | 0 5 |
| S 22 | 12 12 | 19 50 | 4 59 | 1 18 | 1 54 | 25 35 | 2 49 | 23 32 | 0 56 | 22 41 | 0 26 | 16 25 | 1 24 | 21 12 | 0 5 |
| M 23 | 12 32 | 23 19 | 4 47 | 1 20 | 2 4 | 25 43 | 2 51 | 23 31 | 0 58 | 22 40 | 0 26 | 16 25 | 1 24 | 21 13 | 0 5 |
| T 24 | 12 52 | 25 41 | 4 21 | 1 24 | 2 13 | 25 51 | 2 53 | 23 30 | 1 1 | 22 39 | 0 26 | 16 25 | 1 24 | 21 13 | 0 5 |
| W 25 | 13 12 | 26 42 | 3 40 | 1 31 | 2 21 | 25 59 | 2 56 | 23 29 | 1 3 | 22 38 | 0 26 | 16 24 | 1 24 | 21 14 | 0 5 |
| T 26 | 13 31 | 26 12 | 2 47 | 1 40 | 2 28 | 26 5 | 2 58 | 23 28 | 1 5 | 22 37 | 0 26 | 16 24 | 1 24 | 21 14 | 0 5 |
| F 27 | 13 50 | 24 10 | 1 43 | 1 51 | 2 35 | 26 12 | 3 0 | 23 27 | 1 8 | 22 36 | 0 26 | 16 24 | 1 24 | 21 15 | 0 5 |
| S 28 | 14 9 | 20 42 | 0 33 | 2 4 | 2 41 | 26 17 | 3 1 | 23 26 | 1 10 | 22 35 | 0 26 | 16 24 | 1 23 | 21 16 | 0 5 |
| S 29 | 14 28 | 16 0 | 0s41 | 2 19 | 2 46 | 26 22 | 3 3 | 23 25 | 1 13 | 22 34 | 0 26 | 16 23 | 1 23 | 21 16 | 0 5 |
| M 30 | 14n47 | 10n22 | 1s53 | 2n36 | 2s51 | 26n26 | 3n 5 | 23s24 | 1s15 | 22n33 | 0n26 | 16n23 | 1n23 | 21n17 | 0s 5 |

Julian Day Number = 2400501.5, Delta T = 7.72 sec
 Ecliptic obliquity = 23°27'33, Nutation = 0°00'13
 Ayanamsha: Fagan/Bradley = 22°47'20, Lahiri = 21°54'20

SWISS EPHEMERIS for the year 1860

MAY 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|-------|---|
| T 1 | 14 36 34 | 10♌48'44 | 12♎29 | 14♍10 | 25♎58 | 19♏1 | 19♏2 | 19♏16 | 6♐12 | 28♐25 | 8♑4 | 6♒14 | 6♓25 | 10♔9 | 27♕12 | |
| W 2 | 14 40 31 | 11°46'52 | 27°1 | 15°10 | 26°59 | 19°26 | 19°10 | 19°17 | 6°16 | 28°26 | 8°6 | 6♓9 | 6♓21 | 10°15 | 27°14 | |
| T 3 | 14 44 27 | 12°44'58 | 11♌39 | 16°13 | 28°0 | 19°50 | 19°19 | 19°19 | 6°19 | 28°28 | 8°7 | 6°1 | 6°18 | 10°22 | 27°16 | |
| F 4 | 14 48 24 | 13°43'03 | 26°16 | 17°19 | 29°0 | 20°15 | 19°27 | 19°20 | 6°22 | 28°30 | 8°8 | 5°51 | 6°15 | 10°29 | 27°18 | |
| S 5 | 14 52 20 | 14°41'05 | 10♎46 | 18°27 | 0♏0 | 20°38 | 19°36 | 19°22 | 6°26 | 28°32 | 8°10 | 5°40 | 6°12 | 10°35 | 27°19 | |
| S 6 | 14 56 17 | 15°39'07 | 25°0 | 19°39 | 1°0 | 21°2 | 19°45 | 19°23 | 6°29 | 28°33 | 8°11 | 5°29 | 6°9 | 10°42 | 27°21 | |
| M 7 | 15 0 14 | 16°37'06 | 8♌54 | 20°52 | 1°59 | 21°25 | 19°54 | 19°25 | 6°32 | 28°35 | 8°12 | 5°18 | 6°5 | 10°49 | 27°22 | |
| T 8 | 15 4 10 | 17°35'04 | 22°25 | 22°8 | 2°58 | 21°48 | 20°3 | 19°27 | 6°36 | 28°37 | 8°14 | 5°10 | 6°2 | 10°55 | 27°24 | |
| W 9 | 15 8 7 | 18°33'01 | 5♌30 | 23°27 | 3°57 | 22°11 | 20°12 | 19°29 | 6°39 | 28°38 | 8°15 | 5°5 | 5°59 | 11°2 | 27°25 | |
| T 10 | 15 12 3 | 19°30'56 | 18°11 | 24°48 | 4°55 | 22°33 | 20°22 | 19°31 | 6°42 | 28°40 | 8°16 | 5°1 | 5°56 | 11°9 | 27°27 | |
| F 11 | 15 16 0 | 20°28'50 | 0♓33 | 26°11 | 5°53 | 22°55 | 20°31 | 19°33 | 6°46 | 28°41 | 8°18 | 5°D 0 | 5°53 | 11°15 | 27°28 | |
| S 12 | 15 19 56 | 21°26'43 | 12°38 | 27°37 | 6°50 | 23°16 | 20°41 | 19°35 | 6°49 | 28°43 | 8°19 | 5°0 | 5°50 | 11°22 | 27°29 | |
| S 13 | 15 23 53 | 22°24'35 | 24°33 | 29°4 | 7°46 | 23°37 | 20°50 | 19°37 | 6°53 | 28°44 | 8°20 | 5°R 1 | 5°46 | 11°29 | 27°30 | |
| M14 | 15 27 49 | 23°22'25 | 6♌23 | 0♌34 | 8°43 | 23°57 | 21°0 | 19°40 | 6°56 | 28°46 | 8°22 | 5°0 | 5°43 | 11°35 | 27°31 | |
| T 15 | 15 31 46 | 24°20'14 | 18°13 | 2°7 | 9°38 | 24°18 | 21°10 | 19°42 | 7°0 | 28°47 | 8°23 | 4°57 | 5°40 | 11°42 | 27°32 | |
| W16 | 15 35 43 | 25°18'01 | 0♍7 | 3°41 | 10°33 | 24°37 | 21°20 | 19°45 | 7°3 | 28°49 | 8°24 | 4°52 | 5°37 | 11°49 | 27°33 | |
| T 17 | 15 39 39 | 26°15'48 | 12°11 | 5°18 | 11°28 | 24°57 | 21°30 | 19°48 | 7°7 | 28°50 | 8°26 | 4°45 | 5°34 | 11°56 | 27°34 | |
| F 18 | 15 43 36 | 27°13'33 | 24°27 | 6°56 | 12°22 | 25°15 | 21°40 | 19°50 | 7°10 | 28°52 | 8°27 | 4°35 | 5°31 | 12°2 | 27°35 | |
| S 19 | 15 47 32 | 28°11'18 | 6♌58 | 8°37 | 13°15 | 25°34 | 21°50 | 19°53 | 7°14 | 28°53 | 8°28 | 4°24 | 5°27 | 12°9 | 27°36 | |
| S 20 | 15 51 29 | 29°9'01 | 19°44 | 10°21 | 14°8 | 25°52 | 22°0 | 19°56 | 7°17 | 28°54 | 8°30 | 4°13 | 5°24 | 12°16 | 27°37 | |
| M21 | 15 55 25 | 0♐6'43 | 2♐46 | 12°6 | 15°1 | 26°9 | 22°11 | 19°59 | 7°21 | 28°56 | 8°31 | 4°2 | 5°21 | 12°22 | 27°38 | |
| T 22 | 15 59 22 | 1°42'3 | 16°1 | 13°53 | 15°52 | 26°26 | 22°21 | 20°3 | 7°24 | 28°57 | 8°32 | 3°53 | 5°18 | 12°29 | 27°38 | |
| W23 | 16 3 18 | 2°2'03 | 29°29 | 15°43 | 16°43 | 26°42 | 22°32 | 20°6 | 7°28 | 28°58 | 8°33 | 3°46 | 5°15 | 12°36 | 27°39 | |
| T 24 | 16 7 15 | 2°59'41 | 13♌8 | 17°35 | 17°33 | 26°58 | 22°42 | 20°9 | 7°31 | 29°0 | 8°35 | 3°42 | 5°11 | 12°42 | 27°39 | |
| F 25 | 16 11 12 | 3°57'17 | 26°56 | 19°29 | 18°23 | 27°13 | 22°53 | 20°13 | 7°35 | 29°1 | 8°36 | 3°40 | 5°8 | 12°49 | 27°40 | |
| S 26 | 16 15 8 | 4°54'52 | 10♏51 | 21°25 | 19°12 | 27°28 | 23°4 | 20°16 | 7°38 | 29°2 | 8°37 | 3°D40 | 5°5 | 12°56 | 27°40 | |
| S 27 | 16 19 5 | 5°52'26 | 24°52 | 23°23 | 20°0 | 27°42 | 23°15 | 20°20 | 7°42 | 29°3 | 8°38 | 3°41 | 5°2 | 13°2 | 27°40 | |
| M28 | 16 23 1 | 6°49'58 | 8♎59 | 25°23 | 20°47 | 27°56 | 23°26 | 20°24 | 7°45 | 29°4 | 8°40 | 3°R41 | 4°59 | 13°9 | 27°41 | |
| T 29 | 16 26 58 | 7°47'28 | 23°11 | 27°25 | 21°33 | 28°9 | 23°37 | 20°28 | 7°49 | 29°5 | 8°41 | 3°40 | 4°56 | 13°16 | 27°41 | |
| W30 | 16 30 54 | 8°44'58 | 7♌26 | 29°29 | 22°19 | 28°22 | 23°48 | 20°31 | 7°52 | 29°6 | 8°42 | 3°37 | 4°52 | 13°22 | 27°41 | |
| T 31 | 16 34 51 | 9♐42'26 | 21♌40 | 1♐35 | 23♌3 | 28♌34 | 23♌59 | 20♏35 | 7♐56 | 29♐7 | 8♑43 | 3♒32 | 4♓49 | 13♔29 | 27♕41 | |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | | | | | | | | |
|------|-------------|---------|-------|--------|---------|-------|---------|---------|-----------|------------|-----------|-------|-------|-------|-------|-------|-----------|-----------|-------|-------|-------|------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | | | | | | | | |
| T 1 | 15n 5 | 4n 8 | 2s59 | 2n54 | 2s55 | 26n30 | 3n 6 | 23s23 | 1s18 | 22n32 | 0n26 | 16n22 | 1n23 | 21n17 | 0s 5 | 1s48 | 1s16 | 0s52 | 15s53 | 18s44 | 18s41 | 5s 7 | 6s34 | 6n15 |
| W 2 | 15 23 | 2s24 | 3 54 | 3 15 | 2 58 | 26 33 | 3 8 | 23 23 | 1 20 | 22 31 | 0 26 | 16 22 | 1 23 | 21 18 | 0 4 | 1 47 | 1 16 | 0 51 | 15 53 | 18 45 | 18 42 | 5 4 | 6 34 | 6 15 |
| T 3 | 15 41 | 8 49 | 4 34 | 3 37 | 3 0 | 26 36 | 3 9 | 23 22 | 1 23 | 22 30 | 0 26 | 16 21 | 1 23 | 21 18 | 0 4 | 1 47 | 1 16 | 0 51 | 15 53 | 18 47 | 18 43 | 5 1 | 6 33 | 6 16 |
| F 4 | 15 58 | 14 45 | 4 56 | 4 0 | 3 2 | 26 37 | 3 10 | 23 21 | 1 26 | 22 28 | 0 26 | 16 21 | 1 23 | 21 19 | 0 4 | 1 46 | 1 16 | 0 50 | 15 53 | 18 49 | 18 44 | 4 58 | 6 32 | 6 16 |
| S 5 | 16 15 | 19 48 | 4 59 | 4 25 | 3 3 | 26 39 | 3 11 | 23 20 | 1 28 | 22 27 | 0 26 | 16 20 | 1 23 | 21 20 | 0 4 | 1 45 | 1 16 | 0 50 | 15 53 | 18 52 | 18 44 | 4 54 | 6 31 | 6 16 |
| S 6 | 16 32 | 23 37 | 4 44 | 4 52 | 3 3 | 26 39 | 3 12 | 23 19 | 1 31 | 22 26 | 0 26 | 16 20 | 1 23 | 21 20 | 0 4 | 1 45 | 1 16 | 0 50 | 15 53 | 18 55 | 18 45 | 4 51 | 6 30 | 6 17 |
| M 7 | 16 49 | 25 56 | 4 11 | 5 19 | 3 3 | 26 40 | 3 13 | 23 18 | 1 34 | 22 25 | 0 26 | 16 19 | 1 23 | 21 21 | 0 4 | 1 44 | 1 16 | 0 49 | 15 53 | 18 57 | 18 46 | 4 48 | 6 29 | 6 17 |
| T 8 | 17 5 26 | 39 3 25 | 5 48 | 3 2 | 26 39 | 3 14 | 23 17 | 1 37 | 22 23 | 0 26 | 16 19 | 1 23 | 21 21 | 0 4 | 1 43 | 1 16 | 0 49 | 15 53 | 18 59 | 18 47 | 4 45 | 6 28 | 6 17 | |
| W 9 | 17 22 | 50 2 | 3 20 | 6 19 | 3 1 | 26 38 | 3 14 | 23 16 | 1 40 | 22 22 | 0 26 | 16 18 | 1 23 | 21 22 | 0 4 | 1 43 | 1 16 | 0 49 | 15 53 | 19 1 | 18 47 | 4 42 | 6 28 | 6 18 |
| T 10 | 17 37 | 23 41 | 1 28 | 6 50 | 2 59 | 26 36 | 3 14 | 23 16 | 1 43 | 22 21 | 0 26 | 16 17 | 1 23 | 21 22 | 0 4 | 1 42 | 1 17 | 0 48 | 15 53 | 19 2 | 18 48 | 4 38 | 6 27 | 6 18 |
| F 11 | 17 53 | 20 26 | 0 24 | 7 23 | 2 56 | 26 34 | 3 15 | 23 15 | 1 46 | 22 19 | 0 26 | 16 16 | 1 23 | 21 23 | 0 4 | 1 42 | 1 17 | 0 48 | 15 53 | 19 2 | 18 49 | 4 35 | 6 26 | 6 18 |
| S 12 | 18 8 16 | 23 0n40 | 7 56 | 2 53 | 26 31 | 3 15 | 23 14 | 1 49 | 22 18 | 0 26 | 16 16 | 1 23 | 21 24 | 0 4 | 1 41 | 1 17 | 0 47 | 15 54 | 19 2 | 18 50 | 4 32 | 6 25 | 6 19 | |
| S 13 | 18 23 11 | 45 1 42 | 8 31 | 2 49 | 26 28 | 3 15 | 23 14 | 1 52 | 22 17 | 0 26 | 16 15 | 1 22 | 21 24 | 0 4 | 1 40 | 1 17 | 0 47 | 15 54 | 19 2 | 18 51 | 4 29 | 6 25 | 6 19 | |
| M14 | 18 38 6 | 43 2 39 | 9 7 | 2 45 | 26 24 | 3 14 | 23 13 | 1 55 | 22 15 | 0 26 | 16 14 | 1 22 | 21 25 | 0 4 | 1 40 | 1 17 | 0 47 | 15 54 | 19 2 | 18 51 | 4 26 | 6 24 | 6 19 | |
| T 15 | 18 52 1 28 | 3 28 | 9 43 | 2 40 | 26 20 | 3 14 | 23 13 | 1 58 | 22 14 | 0 26 | 16 13 | 1 22 | 21 25 | 0 4 | 1 39 | 1 17 | 0 46 | 15 54 | 19 3 | 18 52 | 4 22 | 6 23 | 6 20 | |
| W16 | 19 6 3n52 | 4 9 | 10 20 | 2 34 | 26 15 | 3 14 | 23 12 | 2 1 22 | 12 0 26 | 16 12 | 1 22 | 21 26 | 0 4 | 1 39 | 1 17 | 0 46 | 15 54 | 19 4 | 18 53 | 4 19 | 6 22 | 6 20 | | |
| T 17 | 19 20 9 7 | 4 40 | 10 58 | 2 28 | 26 10 | 3 13 | 23 12 | 2 5 22 | 11 0 26 | 16 11 | 1 22 | 21 27 | 0 4 | 1 38 | 1 17 | 0 46 | 15 54 | 19 6 | 18 54 | 4 16 | 6 22 | 6 20 | | |
| F 18 | 19 33 14 6 | 4 58 | 11 37 | 2 22 | 26 4 | 3 12 | 23 12 | 2 8 22 | 9 0 26 | 16 10 | 1 22 | 21 27 | 0 4 | 1 38 | 1 17 | 0 45 | 15 54 | 19 8 | 18 55 | 4 13 | 6 21 | 6 21 | | |
| S 19 | 19 46 18 36 | 5 2 | 12 16 | 2 15 | 25 58 | 3 11 | 23 12 | 2 11 22 | 7 0 26 | 16 9 | 1 22 | 21 28 | 0 4 | 1 37 | 1 17 | 0 45 | 15 54 | 19 11 | 18 55 | 4 10 | 6 21 | 6 21 | | |
| S 20 | 19 59 22 22 | 4 52 | 12 55 | 2 7 25 | 51 3 10 | 23 12 | 2 15 22 | 6 0 27 | 16 8 1 22 | 21 28 0 4 | 1 37 | 1 17 | 0 45 | 15 54 | 19 13 | 18 56 | 4 7 6 20 | 6 22 | | | | | | |
| M21 | 20 11 25 4 | 4 26 | 13 35 | 1 59 | 25 44 | 3 8 | 23 12 | 2 18 22 | 4 0 27 | 16 7 1 22 | 21 29 0 4 | 1 36 | 1 17 | 0 45 | 15 54 | 19 16 | 18 57 | 4 3 6 19 | 6 22 | | | | | |
| T 22 | 20 23 26 28 | 3 45 | 14 15 | 1 51 | 25 36 | 3 6 | 23 12 | 2 22 22 | 2 0 27 | 16 6 1 22 | 21 30 0 4 | 1 36 | 1 17 | 0 44 | 15 54 | 19 18 | 18 58 | 4 0 6 19 | 6 22 | | | | | |
| W23 | 20 35 26 19 | 2 52 | 14 56 | 1 42 | 25 28 | 3 5 | 23 12 | 2 25 22 | 1 0 27 | 16 5 1 22 | 21 30 0 4 | 1 35 | 1 17 | 0 44 | 15 54 | 19 20 | 18 58 | 3 57 6 18 | 6 23 | | | | | |
| T 24 | 20 46 24 35 | 1 47 | 15 36 | 1 33 | 25 19 | 3 3 | 23 13 | 2 29 21 | 59 0 27 | 16 4 1 22 | 21 31 0 4 | 1 35 | 1 17 | 0 44 | 15 55 | 19 21 | 18 59 | 3 54 6 18 | 6 23 | | | | | |
| F 25 | 20 57 21 23 | 0 36 | 16 17 | 1 23 | 25 10 | 3 0 | 23 13 | 2 33 21 | 57 0 27 | 16 3 1 22 | 21 31 0 4 | 1 34 | 1 17 | 0 43 | 15 55 | 19 21 | 19 0 | 3 51 6 17 | 6 23 | | | | | |
| S 26 | 21 8 16 55 | 0s38 | 16 57 | 1 14 | 25 1 | 2 58 | 23 14 | 2 36 21 | 55 0 27 | 16 2 1 22 | 21 32 0 4 | 1 34 | 1 17 | 0 43 | 15 55 | 19 21 | 19 1 | 3 47 6 17 | 6 24 | | | | | |
| S 27 | 21 18 11 30 | 1 51 | 17 37 | 1 4 24 | 51 2 55 | 23 15 | 2 40 21 | 54 0 27 | 16 1 1 22 | 21 32 0 4 | 1 33 | 1 17 | 0 43 | 15 55 | 19 21 | 19 1 | 3 44 6 16 | 6 24 | | | | | | |
| M28 | 21 28 5 28 | 2 57 | 18 16 | 0 53 | 24 41 | 2 52 | 23 16 | 2 44 21 | 52 0 27 | 15 59 1 21 | 21 33 0 4 | 1 33 | 1 17 | 0 43 | 15 55 | 19 21 | 19 2 | 3 41 6 16 | 6 24 | | | | | |
| T 29 | 21 38 0s52 | 3 53 | 18 55 | 0 43 | 24 31 | 2 49 | 23 17 | 2 48 21 | 50 0 27 | 15 58 1 21 | 21 34 0 4 | 1 33 | 1 17 | 0 42 | 15 55 | 19 21 | 19 3 | 3 38 6 16 | 6 25 | | | | | |
| W30 | 21 47 7 9 | 4 35 | 19 32 | 0 32 | 24 20 | 2 46 | 23 18 | 2 52 21 | 48 0 27 | 15 57 1 21 | 21 34 0 4 | 1 32 | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1860

JUNE 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------|---------|-------|-------|-------|-------|-------|--------|-------|------|-------|------|-------|--------|
| F 1 | 16 38 48 | 10II39°53 | 5III51 | 3II42 | 23☾47 | 28☽45 | 24☾10 | 20♁40 | 7II59 | 29♁ 9 | 8♁45 | 3°R25 | 4♁46 | 13♁36 | 27°R41 |
| S 2 | 16 42 44 | 11°37'18 | 19°54 | 5°51 | 24°29 | 28°56 | 24°22 | 20°44 | 8° 3 | 29° 9 | 8°46 | 3♁17 | 4°43 | 13°42 | 27♁41 |
| S 3 | 16 46 41 | 12°34'43 | 3♁44 | 8° 0 | 25°11 | 29° 6 | 24°33 | 20°48 | 8° 6 | 29°10 | 8°47 | 3° 8 | 4°40 | 13°49 | 27°41 |
| M 4 | 16 50 37 | 13°32'07 | 17°18 | 10°11 | 25°52 | 29°16 | 24°45 | 20°52 | 8°10 | 29°11 | 8°48 | 3° 1 | 4°37 | 13°56 | 27°41 |
| T 5 | 16 54 34 | 14°29'30 | 0☽34 | 12°22 | 26°31 | 29°24 | 24°56 | 20°57 | 8°13 | 29°12 | 8°49 | 2°55 | 4°33 | 14° 2 | 27°41 |
| W 6 | 16 58 30 | 15°26'52 | 13°29 | 14°34 | 27° 9 | 29°33 | 25° 8 | 21° 1 | 8°17 | 29°13 | 8°50 | 2°51 | 4°30 | 14° 9 | 27°40 |
| T 7 | 17 2 27 | 16°24'13 | 26° 6 | 16°46 | 27°46 | 29°40 | 25°19 | 21° 6 | 8°20 | 29°14 | 8°52 | 2°49 | 4°27 | 14°16 | 27°40 |
| F 8 | 17 6 23 | 17°21'34 | 8♁25 | 18°58 | 28°22 | 29°47 | 25°31 | 21°10 | 8°24 | 29°15 | 8°53 | 2°D49 | 4°24 | 14°22 | 27°39 |
| S 9 | 17 10 20 | 18°18'54 | 20°31 | 21°10 | 28°57 | 29°53 | 25°43 | 21°15 | 8°27 | 29°15 | 8°54 | 2°50 | 4°21 | 14°29 | 27°39 |
| S 10 | 17 14 17 | 19°16'14 | 2♁27 | 23°21 | 29°30 | 29°59 | 25°55 | 21°20 | 8°31 | 29°16 | 8°55 | 2°52 | 4°17 | 14°36 | 27°38 |
| M 11 | 17 18 13 | 20°13'33 | 14°18 | 25°31 | 0♁ 2 | 0♁ 4 | 26° 7 | 21°25 | 8°34 | 29°17 | 8°56 | 2°53 | 4°14 | 14°42 | 27°38 |
| T 12 | 17 22 10 | 21°10'52 | 26° 9 | 27°40 | 0°33 | 0° 8 | 26°19 | 21°30 | 8°38 | 29°18 | 8°57 | 2°R53 | 4°11 | 14°49 | 27°37 |
| W 13 | 17 26 6 | 22° 8'10 | 8♁ 6 | 29°48 | 1° 2 | 0°11 | 26°31 | 21°35 | 8°41 | 29°18 | 8°58 | 2°52 | 4° 8 | 14°56 | 27°36 |
| T 14 | 17 30 3 | 23° 5'28 | 20°12 | 1☽54 | 1°29 | 0°13 | 26°43 | 21°40 | 8°45 | 29°19 | 8°59 | 2°49 | 4° 5 | 15° 2 | 27°36 |
| F 15 | 17 33 59 | 24° 2'46 | 2♁33 | 3°59 | 1°55 | 0°15 | 26°55 | 21°45 | 8°48 | 29°19 | 9° 0 | 2°44 | 4° 2 | 15° 9 | 27°35 |
| S 16 | 17 37 56 | 25° 0'03 | 15°11 | 6° 2 | 2°20 | 0°16 | 27° 7 | 21°50 | 8°52 | 29°20 | 9° 1 | 2°38 | 3°58 | 15°16 | 27°34 |
| S 17 | 17 41 52 | 25°57'20 | 28° 8 | 8° 3 | 2°42 | 0°R17 | 27°19 | 21°55 | 8°55 | 29°20 | 9° 2 | 2°32 | 3°55 | 15°22 | 27°33 |
| M 18 | 17 45 49 | 26°54'37 | 11II24 | 10° 2 | 3° 3 | 0°16 | 27°32 | 22° 1 | 8°58 | 29°21 | 9° 3 | 2°26 | 3°52 | 15°29 | 27°32 |
| T 19 | 17 49 46 | 27°51'53 | 24°59 | 11°59 | 3°22 | 0°15 | 27°44 | 22° 6 | 9° 2 | 29°21 | 9° 4 | 2°22 | 3°49 | 15°36 | 27°31 |
| W 20 | 17 53 42 | 28°49'09 | 8☽50 | 13°53 | 3°40 | 0°13 | 27°56 | 22°12 | 9° 5 | 29°22 | 9° 5 | 2°18 | 3°46 | 15°43 | 27°30 |
| T 21 | 17 57 39 | 29°46'25 | 22°54 | 15°46 | 3°55 | 0°10 | 28° 9 | 22°17 | 9° 9 | 29°22 | 9° 6 | 2°16 | 3°43 | 15°49 | 27°29 |
| F 22 | 18 1 35 | 0☽43'40 | 7♁ 7 | 17°36 | 4° 8 | 0° 7 | 28°21 | 22°23 | 9°12 | 29°23 | 9° 7 | 2°D16 | 3°39 | 15°56 | 27°27 |
| S 23 | 18 5 32 | 1°40'54 | 21°24 | 19°25 | 4°19 | 0° 2 | 28°34 | 22°29 | 9°15 | 29°23 | 9° 8 | 2°17 | 3°36 | 16° 3 | 27°26 |
| S 24 | 18 9 28 | 2°38'08 | 5III43 | 21°11 | 4°29 | 29☽57 | 28°46 | 22°34 | 9°19 | 29°23 | 9° 9 | 2°18 | 3°33 | 16° 9 | 27°25 |
| M 25 | 18 13 25 | 3°35'21 | 20° 4 | 22°54 | 4°36 | 29°52 | 28°59 | 22°40 | 9°22 | 29°23 | 9°10 | 2°20 | 3°30 | 16°16 | 27°23 |
| T 26 | 18 17 21 | 4°32'34 | 4♁13 | 24°36 | 4°40 | 29°45 | 29°12 | 22°46 | 9°25 | 29°24 | 9°10 | 2°R20 | 3°27 | 16°23 | 27°22 |
| W 27 | 18 21 18 | 5°29'46 | 18°19 | 26°15 | 4°43 | 29°38 | 29°24 | 22°52 | 9°28 | 29°24 | 9°11 | 2°20 | 3°23 | 16°29 | 27°20 |
| T 28 | 18 25 15 | 6°26'58 | 2III17 | 27°52 | 4°R43 | 29°30 | 29°37 | 22°58 | 9°32 | 29°24 | 9°12 | 2°18 | 3°20 | 16°36 | 27°19 |
| F 29 | 18 29 11 | 7°24'09 | 16° 6 | 29°27 | 4°41 | 29°22 | 29°50 | 23° 4 | 9°35 | 29°24 | 9°13 | 2°15 | 3°17 | 16°43 | 27°17 |
| S 30 | 18 33 8 | 8☽21'20 | 29III43 | 1♁ 0 | 4♁36 | 29☽12 | 0♁ 2 | 23♁10 | 9III38 | 29♁24 | 9♁14 | 2♁12 | 3♁14 | 16♁49 | 27♁16 |

| Day | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|------|-------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| F 1 | 22n 4 | 18s17 | 5s 6 | 20n44 | 0s10 | 23n58 | 2n38 | 23s21 | 3s 0 | 21n44 | 0n27 | 15n54 | 1n21 | 21n35 | 0s 4 |
| S 2 | 22 12 22 | 22 26 4 | 53 21 | 18 0n | 0 23 | 46 2 34 | 23 23 3 | 4 21 | 42 0 27 | 15 53 1 | 21 21 | 36 0 4 | 1 31 | 1 18 | 0 42 |
| S 3 | 22 19 25 | 24 14 | 24 21 | 50 0 11 | 23 34 2 | 30 23 | 25 3 8 | 21 40 0 | 27 15 | 51 1 21 | 21 36 0 | 4 1 31 | 1 18 | 0 41 | 15 56 |
| M 4 | 22 27 26 | 26 30 3 | 40 22 | 21 0 21 | 23 22 2 | 25 23 | 27 3 12 | 21 38 0 | 27 15 | 50 1 21 | 21 37 0 | 4 1 31 | 1 18 | 0 41 | 15 56 |
| T 5 | 22 33 26 | 26 12 2 | 45 22 | 49 0 32 | 23 10 2 | 21 23 | 29 3 16 | 21 36 0 | 27 15 | 48 1 21 | 21 38 0 | 4 1 30 | 1 18 | 0 41 | 15 56 |
| W 6 | 22 40 24 | 24 28 1 | 42 23 | 15 0 41 | 22 58 2 | 15 23 | 31 3 20 | 21 34 0 | 27 15 | 47 1 21 | 21 38 0 | 4 1 30 | 1 18 | 0 41 | 15 56 |
| T 7 | 22 46 21 | 32 0 36 | 23 39 0 | 51 22 | 45 2 10 | 23 34 3 | 24 21 | 32 0 27 | 15 | 45 1 21 | 21 39 0 | 4 1 30 | 1 18 | 0 41 | 15 57 |
| F 8 | 22 51 17 | 41 0n30 | 24 0 1 | 0 22 | 32 2 4 | 23 37 3 | 29 21 | 30 0 27 | 15 | 44 1 21 | 21 39 0 | 4 1 29 | 1 18 | 0 40 | 15 57 |
| S 9 | 22 57 13 | 10 1 34 | 24 18 1 | 9 22 | 19 1 58 | 23 40 3 | 33 21 | 28 0 27 | 15 | 42 1 21 | 21 40 0 | 4 1 29 | 1 18 | 0 40 | 15 57 |
| S 10 | 23 1 8 | 13 2 34 | 24 34 1 | 16 22 | 6 1 52 | 23 43 3 | 37 21 | 26 0 27 | 15 | 41 1 21 | 21 40 0 | 4 1 29 | 1 18 | 0 40 | 15 57 |
| M 11 | 23 6 3 | 1 3 26 | 24 47 1 | 24 21 | 53 1 46 | 23 46 3 | 42 21 | 24 0 27 | 15 | 39 1 21 | 21 41 0 | 4 1 29 | 1 18 | 0 40 | 15 57 |
| T 12 | 23 10 2n17 | 4 9 | 24 57 1 | 30 21 | 39 1 39 | 23 49 3 | 46 21 | 21 0 27 | 15 | 37 1 21 | 21 42 0 | 4 1 28 | 1 18 | 0 40 | 15 58 |
| W 13 | 23 14 7 | 32 4 42 | 25 4 1 | 36 21 | 26 1 31 | 23 53 3 | 51 21 | 19 0 28 | 15 | 36 1 21 | 21 42 0 | 4 1 28 | 1 18 | 0 40 | 15 58 |
| T 14 | 23 17 12 | 34 5 3 | 25 8 1 | 42 21 | 12 1 24 | 23 57 3 | 55 21 | 17 0 28 | 15 | 34 1 21 | 21 43 0 | 4 1 28 | 1 18 | 0 40 | 15 58 |
| F 15 | 23 19 17 | 13 5 10 | 25 10 1 | 46 20 | 59 1 16 | 24 1 4 | 0 21 | 15 0 28 | 15 | 32 1 21 | 21 43 0 | 4 1 28 | 1 18 | 0 40 | 15 58 |
| S 16 | 23 22 21 | 13 5 3 | 25 9 1 | 50 20 | 46 1 8 | 24 5 4 | 4 21 | 12 0 28 | 15 | 31 1 21 | 21 44 0 | 4 1 28 | 1 18 | 0 39 | 15 58 |
| S 17 | 23 24 24 | 18 4 40 | 25 6 1 | 53 20 | 32 0 59 | 24 9 4 | 9 21 | 10 0 28 | 15 | 29 1 20 | 21 44 0 | 4 1 28 | 1 18 | 0 39 | 15 59 |
| M 18 | 23 25 26 | 10 4 2 | 25 0 1 | 55 20 | 19 0 50 | 24 14 4 | 13 21 | 8 0 28 | 15 | 27 1 20 | 21 45 0 | 4 1 27 | 1 18 | 0 39 | 15 59 |
| T 19 | 23 26 26 | 31 3 9 | 24 52 1 | 57 20 | 5 0 41 | 24 19 4 | 18 21 | 5 0 28 | 15 | 25 1 20 | 21 45 0 | 4 1 27 | 1 18 | 0 39 | 15 59 |
| W 20 | 23 27 25 | 14 2 4 | 24 41 1 | 58 19 | 52 0 32 | 24 23 4 | 22 21 | 3 0 28 | 15 | 23 1 20 | 21 46 0 | 4 1 27 | 1 18 | 0 39 | 15 59 |
| T 21 | 23 28 22 | 21 0 51 | 24 29 1 | 58 19 | 39 0 22 | 24 29 4 | 27 21 | 0 28 | 15 | 22 1 20 | 21 46 0 | 4 1 27 | 1 19 | 0 39 | 15 59 |
| F 22 | 23 27 18 | 5 0s26 | 24 14 1 | 57 19 | 25 0 12 | 24 34 4 | 32 20 | 58 0 28 | 15 | 20 1 20 | 21 47 0 | 4 1 27 | 1 19 | 0 39 | 16 0 |
| S 23 | 23 27 12 | 45 1 43 | 23 58 1 | 56 19 | 13 0 1 | 24 39 4 | 36 20 | 55 0 28 | 15 | 18 1 20 | 21 47 0 | 4 1 27 | 1 19 | 0 39 | 16 0 |
| S 24 | 23 26 6 | 44 2 53 | 23 40 1 | 54 19 | 0 0s10 | 24 45 4 | 41 20 | 53 0 28 | 15 | 16 1 20 | 21 48 0 | 4 1 27 | 1 19 | 0 39 | 16 0 |
| M 25 | 23 25 0 | 24 3 52 | 23 20 1 | 51 18 | 47 0 21 | 24 50 4 | 45 20 | 50 0 28 | 15 | 14 1 20 | 21 48 0 | 4 1 27 | 1 19 | 0 39 | 16 0 |
| T 26 | 23 23 5s54 | 4 37 | 23 0 1 | 48 18 | 35 0 33 | 24 56 4 | 50 20 | 48 0 28 | 15 | 12 1 20 | 21 49 0 | 4 1 27 | 1 19 | 0 39 | 16 1 |
| W 27 | 23 21 11 | 52 5 4 | 22 37 1 | 44 18 | 22 0 45 | 25 2 4 | 54 20 | 45 0 28 | 15 | 10 1 20 | 21 49 0 | 4 1 27 | 1 19 | 0 39 | 16 1 |
| T 28 | 23 18 17 | 11 5 14 | 22 14 1 | 40 18 | 10 0 57 | 25 8 4 | 58 20 | 43 0 28 | 15 | 8 1 20 | 21 50 0 | 4 1 27 | 1 19 | 0 39 | 16 1 |
| F 29 | 23 15 21 | 31 5 5 | 21 49 1 | 34 17 | 59 1 10 | 25 14 5 | 3 20 | 40 0 28 | 15 | 6 1 20 | 21 50 0 | 4 1 27 | 1 19 | 0 39 | 16 1 |
| S 30 | 23n12 | 24s38 | 4s39 | 21n24 | 1n29 | 17n47 | 1s23 | 25s20 | 5s 7 | 20n37 | 0n28 | 15n 4 | 1n20 | 21n51 | 0s 4 |

Julian Day Number = 2400562.5, Delta T = 7.72 sec
 Ecliptic obliquity = 23°27'32, Nutation = 0°00'13
 Ayanamsha: Fagan/Bradley = 22°47'28, Lahiri = 21°54'28

SWISS EPHEMERIS for the year 1860

JULY 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|------------------------|----------------------|---------------------|----------------------|----------------------|--------------------|---------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|----------------------|---|
| S 1 | 18 37 4 | 9 ^h 18'31" | 13 ^m 7 | 2 ^h 03' | 4 ^h R29 | 29 ^h R 2 | 0 ^h 015 | 23 ^h 017 | 9 ^h II41 | 29 ^h II24 | 9 ^h II14 | 2 ^h R 9 | 3 ^h II11 | 16 ^h II56 | 27 ^h R14 | |
| M 2 | 18 41 1 | 10 ^h 15'42" | 26 ^m 16 | 3 ^h 58 | 4 ^h 020 | 28 ^h 52 | 0 ^h 28 | 23 ^h 23 | 9 ^h 44 | 29 ^h R24 | 9 ^h 15 | 2 ^h II 6 | 3 ^h 8 | 17 ^h 3 | 27 ^h II12 | |
| T 3 | 18 44 57 | 11 ^h 12'52" | 9 ^m 31 | 5 ^h 23 | 4 ^h 8 | 28 ^h 41 | 0 ^h 41 | 23 ^h 29 | 9 ^h 48 | 29 ^h 24 | 9 ^h 16 | 2 ^h 3 | 3 ^h 4 | 17 ^h 9 | 27 ^h 10 | |
| W 4 | 18 48 54 | 12 ^h 10'03" | 21 ^m 51 | 6 ^h 47 | 3 ^h 54 | 28 ^h 29 | 0 ^h 54 | 23 ^h 35 | 9 ^h 51 | 29 ^h 24 | 9 ^h 17 | 2 ^h 2 | 3 ^h 1 | 17 ^h 16 | 27 ^h 8 | |
| T 5 | 18 52 51 | 13 ^h 7'14" | 4 ^m 16 | 8 ^h 7 | 3 ^h 37 | 28 ^h 17 | 1 ^h 7 | 23 ^h 42 | 9 ^h 54 | 29 ^h 24 | 9 ^h 17 | 2 ^h D 2 | 2 ^h 58 | 17 ^h 23 | 27 ^h 6 | |
| F 6 | 18 56 47 | 14 ^h 4'24" | 16 ^m 29 | 9 ^h 26 | 3 ^h 18 | 28 ^h 4 | 1 ^h 20 | 23 ^h 48 | 9 ^h 57 | 29 ^h 24 | 9 ^h 18 | 2 ^h 2 | 2 ^h 55 | 17 ^h 29 | 27 ^h 4 | |
| S 7 | 19 0 44 | 15 ^h 1'35" | 28 ^m 31 | 10 ^h 42 | 2 ^h 57 | 27 ^h 50 | 1 ^h 33 | 23 ^h 55 | 10 ^h 0 | 29 ^h 24 | 9 ^h 19 | 2 ^h 3 | 2 ^h 52 | 17 ^h 36 | 27 ^h 2 | |
| S 8 | 19 4 40 | 15 ^h 58'47" | 10 ^m II26 | 11 ^h 55 | 2 ^h 34 | 27 ^h 37 | 1 ^h 46 | 24 ^h 1 | 10 ^h 3 | 29 ^h 24 | 9 ^h 19 | 2 ^h 5 | 2 ^h 49 | 17 ^h 43 | 27 ^h 0 | |
| M 9 | 19 8 37 | 16 ^h 55'58" | 22 ^m 17 | 13 ^h 6 | 2 ^h 9 | 27 ^h 22 | 1 ^h 59 | 24 ^h 8 | 10 ^h 6 | 29 ^h 23 | 9 ^h 20 | 2 ^h 6 | 2 ^h 45 | 17 ^h 50 | 26 ^h 58 | |
| T 10 | 19 12 33 | 17 ^h 53'11" | 4 ^m II 8 | 14 ^h 14 | 1 ^h 41 | 27 ^h 7 | 2 ^h 12 | 24 ^h 14 | 10 ^h 9 | 29 ^h 23 | 9 ^h 21 | 2 ^h 7 | 2 ^h 42 | 17 ^h 56 | 26 ^h 56 | |
| W 11 | 19 16 30 | 18 ^h 50'23" | 16 ^m 5 | 15 ^h 20 | 1 ^h 12 | 26 ^h 52 | 2 ^h 25 | 24 ^h 21 | 10 ^h 12 | 29 ^h 23 | 9 ^h 21 | 2 ^h R 8 | 2 ^h 39 | 18 ^h 3 | 26 ^h 54 | |
| T 12 | 19 20 26 | 19 ^h 47'37" | 28 ^m 12 | 16 ^h 22 | 0 ^h 41 | 26 ^h 37 | 2 ^h 38 | 24 ^h 28 | 10 ^h 15 | 29 ^h 23 | 9 ^h 22 | 2 ^h 7 | 2 ^h 36 | 18 ^h 10 | 26 ^h 52 | |
| F 13 | 19 24 23 | 20 ^h 44'50" | 10 ^m II32 | 17 ^h 22 | 0 ^h 9 | 26 ^h 21 | 2 ^h 51 | 24 ^h 34 | 10 ^h 18 | 29 ^h 22 | 9 ^h 22 | 2 ^h 7 | 2 ^h 33 | 18 ^h 16 | 26 ^h 49 | |
| S 14 | 19 28 19 | 21 ^h 42'05" | 23 ^m 11 | 18 ^h 19 | 29 ^h II35 | 26 ^h 5 | 3 ^h 4 | 24 ^h 41 | 10 ^h 21 | 29 ^h 22 | 9 ^h 23 | 2 ^h 6 | 2 ^h 29 | 18 ^h 23 | 26 ^h 47 | |
| S 15 | 19 32 16 | 22 ^h 39'20" | 6 ^m II11 | 19 ^h 12 | 29 ^h 0 | 25 ^h 48 | 3 ^h 17 | 24 ^h 48 | 10 ^h 23 | 29 ^h 22 | 9 ^h 23 | 2 ^h 5 | 2 ^h 26 | 18 ^h 30 | 26 ^h 45 | |
| M 16 | 19 36 13 | 23 ^h 36'36" | 19 ^m 35 | 20 ^h 2 | 28 ^h 24 | 25 ^h 32 | 3 ^h 31 | 24 ^h 55 | 10 ^h 26 | 29 ^h 21 | 9 ^h 24 | 2 ^h 3 | 2 ^h 23 | 18 ^h 36 | 26 ^h 42 | |
| T 17 | 19 40 9 | 24 ^h 33'52" | 3 ^m II22 | 20 ^h 49 | 27 ^h 48 | 25 ^h 15 | 3 ^h 44 | 25 ^h 2 | 10 ^h 29 | 29 ^h 21 | 9 ^h 24 | 2 ^h 3 | 2 ^h 20 | 18 ^h 43 | 26 ^h 40 | |
| W 18 | 19 44 6 | 25 ^h 31'09" | 17 ^m 30 | 21 ^h 33 | 27 ^h 11 | 24 ^h 58 | 3 ^h 57 | 25 ^h 9 | 10 ^h 32 | 29 ^h 20 | 9 ^h 25 | 2 ^h 2 | 2 ^h 17 | 18 ^h 50 | 26 ^h 37 | |
| T 19 | 19 48 2 | 26 ^h 28'27" | 10 ^m II56 | 22 ^h 12 | 26 ^h 33 | 24 ^h 41 | 4 ^h 10 | 25 ^h 16 | 10 ^h 34 | 29 ^h 20 | 9 ^h 25 | 2 ^h D 2 | 2 ^h 14 | 18 ^h 56 | 26 ^h 35 | |
| F 20 | 19 51 59 | 27 ^h 25'45" | 16 ^m 33 | 22 ^h 48 | 25 ^h 56 | 24 ^h 24 | 4 ^h 23 | 25 ^h 23 | 10 ^h 37 | 29 ^h 19 | 9 ^h 26 | 2 ^h 2 | 2 ^h 10 | 19 ^h 3 | 26 ^h 32 | |
| S 21 | 19 55 55 | 28 ^h 23'03" | 1 ^m II17 | 23 ^h 20 | 25 ^h 19 | 24 ^h 8 | 4 ^h 37 | 25 ^h 30 | 10 ^h 40 | 29 ^h 19 | 9 ^h 26 | 2 ^h 2 | 2 ^h 7 | 19 ^h 10 | 26 ^h 30 | |
| S 22 | 19 59 52 | 29 ^h 20'22" | 16 ^m 0 | 23 ^h 47 | 24 ^h 42 | 23 ^h 51 | 4 ^h 50 | 25 ^h 37 | 10 ^h 42 | 29 ^h 18 | 9 ^h 27 | 2 ^h 3 | 2 ^h 4 | 19 ^h 16 | 26 ^h 27 | |
| M 23 | 20 3 49 | 0 ^h 017'41" | 0 ^m II35 | 24 ^h 11 | 24 ^h 6 | 23 ^h 34 | 5 ^h 3 | 25 ^h 44 | 10 ^h 45 | 29 ^h 17 | 9 ^h 27 | 2 ^h 3 | 2 ^h 1 | 19 ^h 23 | 26 ^h 25 | |
| T 24 | 20 7 45 | 1 ^h 15'01" | 14 ^m 59 | 24 ^h 30 | 23 ^h 31 | 23 ^h 18 | 5 ^h 16 | 25 ^h 51 | 10 ^h 47 | 29 ^h 17 | 9 ^h 27 | 2 ^h 3 | 1 ^h 58 | 19 ^h 30 | 26 ^h 22 | |
| W 25 | 20 11 42 | 2 ^h 12'21" | 29 ^m 8 | 24 ^h 44 | 22 ^h 57 | 23 ^h 2 | 5 ^h 30 | 25 ^h 59 | 10 ^h 50 | 29 ^h 16 | 9 ^h 28 | 2 ^h 3 | 1 ^h 55 | 19 ^h 36 | 26 ^h 19 | |
| T 26 | 20 15 38 | 3 ^h 9'41" | 13 ^m II 0 | 24 ^h 53 | 22 ^h 24 | 22 ^h 46 | 5 ^h 43 | 26 ^h 6 | 10 ^h 52 | 29 ^h 15 | 9 ^h 28 | 2 ^h 3 | 1 ^h 51 | 19 ^h 43 | 26 ^h 16 | |
| F 27 | 20 19 35 | 4 ^h 7'02" | 26 ^m 34 | 24 ^h R57 | 21 ^h 53 | 22 ^h 31 | 5 ^h 56 | 26 ^h 13 | 10 ^h 55 | 29 ^h 14 | 9 ^h 28 | 2 ^h 3 | 1 ^h 48 | 19 ^h 50 | 26 ^h 14 | |
| S 28 | 20 23 31 | 5 ^h 4'24" | 9 ^m II52 | 24 ^h 57 | 21 ^h 23 | 22 ^h 16 | 6 ^h 10 | 26 ^h 20 | 10 ^h 57 | 29 ^h 14 | 9 ^h 28 | 2 ^h 3 | 1 ^h 45 | 19 ^h 57 | 26 ^h 11 | |
| S 29 | 20 27 28 | 6 ^h 1'46" | 22 ^m 55 | 24 ^h 51 | 20 ^h 55 | 22 ^h 1 | 6 ^h 23 | 26 ^h 28 | 11 ^h 0 | 29 ^h 13 | 9 ^h 29 | 2 ^h 4 | 1 ^h 42 | 20 ^h 3 | 26 ^h 8 | |
| M 30 | 20 31 24 | 6 ^h 59'08" | 5 ^m II42 | 24 ^h 40 | 20 ^h 29 | 21 ^h 47 | 6 ^h 36 | 26 ^h 35 | 11 ^h 2 | 29 ^h 12 | 9 ^h 29 | 2 ^h 4 | 1 ^h 39 | 20 ^h 10 | 26 ^h 5 | |
| T 31 | 20 35 21 | 7 ^h 05'63" | 18 ^m II17 | 24 ^h 023 | 20 ^h II 5 | 21 ^h II33 | 6 ^h 049 | 26 ^h 042 | 11 ^h II 4 | 29 ^h II11 | 9 ^h II29 | 2 ^h II 4 | 1 ^h II35 | 20 ^h II17 | 26 ^h II 2 | |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl |
| S 1 | 23n 8 | 26s19 | 3s57 | 20n57 | 1n22 | 17n36 | 1s36 | 25s26 | 5s11 | 20n35 | 0n28 | 15n 2 | 1n20 | 21n51 | 0s 4 | 1s27 |
| M 2 | 23 4 | 26 29 | 3 4 | 20 30 | 1 16 | 17 25 | 1 49 | 25 32 | 5 15 | 20 32 | 0 29 | 15 0 | 1 20 | 21 52 | 0 4 | 1 27 |
| T 3 | 22 59 | 25 11 | 2 3 | 19 30 | 1 8 | 17 15 | 2 3 | 25 39 | 5 19 | 20 29 | 0 29 | 14 58 | 1 20 | 21 52 | 0 4 | 1 27 |
| W 4 | 22 54 | 22 36 | 0 56 | 19 34 | 1 1 | 17 5 | 2 17 | 25 45 | 5 23 | 20 26 | 0 29 | 14 56 | 1 20 | 21 53 | 0 4 | 1 27 |
| T 5 | 22 49 | 19 0 | 0n12 | 19 5 | 0 52 | 16 55 | 2 31 | 25 52 | 5 27 | 20 24 | 0 29 | 14 53 | 1 20 | 21 53 | 0 4 | 1 27 |
| F 6 | 22 43 | 14 39 | 1 19 | 18 36 | 0 43 | 16 46 | 2 45 | 25 58 | 5 31 | 20 21 | 0 29 | 14 51 | 1 20 | 21 54 | 0 4 | 1 27 |
| S 7 | 22 37 | 9 47 | 2 21 | 18 7 | 0 34 | 16 37 | 2 59 | 26 4 | 5 35 | 20 18 | 0 29 | 14 49 | 1 20 | 21 54 | 0 4 | 1 27 |
| S 8 | 22 30 | 4 38 | 3 17 | 17 37 | 0 24 | 16 28 | 3 13 | 26 11 | 5 38 | 20 15 | 0 29 | 14 47 | 1 20 | 21 55 | 0 4 | 1 27 |
| M 9 | 22 23 | 0n40 | 4 3 | 17 8 | 0 14 | 16 20 | 3 27 | 26 17 | 5 42 | 20 12 | 0 29 | 14 45 | 1 20 | 21 55 | 0 4 | 1 27 |
| T 10 | 22 16 | 5 55 | 4 40 | 16 38 | 0 4 | 16 12 | 3 41 | 26 23 | 5 45 | 20 9 | 0 29 | 14 43 | 1 20 | 21 56 | 0 4 | 1 28 |
| W 11 | 22 8 | 11 0 | 5 4 | 16 8 | 0s 7 | 16 5 | 3 55 | 26 29 | 5 48 | 20 7 | 0 29 | 14 40 | 1 20 | 21 56 | 0 4 | 1 28 |
| T 12 | 22 0 | 15 45 | 5 16 | 15 39 | 0 18 | 15 58 | 4 9 | 26 36 | 5 51 | 20 4 | 0 29 | 14 38 | 1 20 | 21 56 | 0 4 | 1 28 |
| F 13 | 21 51 | 19 57 | 5 13 | 15 10 | 0 30 | 15 51 | 4 23 | 26 42 | 5 54 | 20 1 | 0 29 | 14 36 | 1 20 | 21 57 | 0 4 | 1 28 |
| S 14 | 21 42 | 23 21 | 4 55 | 14 41 | 0 42 | 15 45 | 4 36 | 26 48 | 5 57 | 19 58 | 0 29 | 14 34 | 1 20 | 21 57 | 0 4 | 1 28 |
| S 15 | 21 33 | 25 40 | 4 22 | 14 13 | 0 54 | 15 40 | 4 49 | 26 53 | 6 0 | 19 55 | 0 29 | 14 31 | 1 20 | 21 58 | 0 4 | 1 28 |
| M 16 | 21 24 | 26 36 | 3 34 | 13 46 | 1 7 | 15 34 | 5 2 | 26 59 | 6 2 | 19 52 | 0 29 | 14 29 | 1 20 | 21 58 | 0 4 | 1 29 |
| T 17 | 21 14 | 25 57 | 2 32 | 13 19 | 1 19 | 15 30 | 5 14 | 27 4 | 6 5 | 19 49 | 0 30 | 14 27 | 1 20 | 21 58 | 0 4 | 1 29 |
| W 18 | 21 3 | 23 38 | 1 20 | 12 53 | 1 32 | 15 25 | 5 25 | 27 10 | 6 7 | 19 46 | 0 30 | 14 24 | 1 20 | 21 59 | 0 4 | 1 29 |
| T 19 | 20 53 | 19 45 | 0 12 | 12 27 | 1 45 | 15 21 | 5 36 | 27 15 | 6 9 | 19 43 | 0 30 | 14 22 | 1 20 | 21 59 | 0 4 | 1 29 |
| F 20 | 20 41 | 14 37 | 1s20 | 12 3 | 1 59 | 15 18 | 5 47 | 27 20 | 6 11 | 19 40 | 0 30 | 14 20 | 1 20 | 22 0 | 0 4 | 1 30 |
| S 21 | 20 30 | 8 36 | 2 35 | 11 40 | 2 12 | 15 15 | 5 56 | 27 25 | 6 12 | 19 36 | 0 30 | 14 17 | 1 20 | 22 0 | 0 4 | 1 30 |
| S 22 | 20 18 | 2 8 | 3 40 | 11 19 | 2 25 | 15 12 | 6 5 | 27 29 | 6 14 | 19 33 | 0 30 | 14 15 | 1 20 | 22 0 | 0 4 | 1 30 |
| M 23 | 20 6 | 4s22 | 4 31 | 10 58 | 2 39 | 15 10 | 6 14 | 27 33 | 6 15 | 19 30 | 0 30 | 14 12 | 1 20 | 22 1 | 0 4 | 1 31 |
| T 24 | 19 54 | 10 34 | 5 3 | 10 40 | 2 52 | 15 8 | 6 21 | 27 37 | 6 16 | 19 27 | 0 30 | 14 10 | 1 20 | 22 1 | 0 4 | 1 31 |
| W 25 | 19 41 | 16 6 | 5 17 | 10 23 | 3 5 | 15 7 | 6 28 | 27 41 | 6 17 | 19 24 | 0 30 | 14 7 | 1 20 | 22 1 | 0 4 | 1 31 |
| T 26 | 19 28 | 20 42 | 5 11 | 10 8 | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1860

AUGUST 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|----------|----------|-------|--------|--------|--------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| W 1 | 20 39 18 | 8♄53'56 | 0♃39 | 24°R 2 | 19°R44 | 21°R20 | 7♄ 3 | 26♄50 | 11♂ 7 | 29°R10 | 9♂29 | 2°R 5 | 1♃32 | 20♃23 | 25°R59 |
| T 2 | 20 43 14 | 9°51'21 | 12°51 | 23♄36 | 19♂24 | 21♂ 7 | 7°16 | 26°57 | 11° 9 | 29♃ 9 | 9°29 | 2♃ 4 | 1°29 | 20°30 | 25♃57 |
| F 3 | 20 47 11 | 10°48'47 | 24°55 | 23° 5 | 19° 7 | 20°55 | 7°29 | 27° 4 | 11°11 | 29° 8 | 9°29 | 2° 4 | 1°26 | 20°37 | 25°54 |
| S 4 | 20 51 7 | 11°46'14 | 6♃52 | 22°30 | 18°52 | 20°43 | 7°42 | 27°12 | 11°13 | 29° 7 | 9°30 | 2° 3 | 1°23 | 20°43 | 25°51 |
| S 5 | 20 55 4 | 12°43'42 | 18°44 | 21°51 | 18°40 | 20°33 | 7°56 | 27°19 | 11°15 | 29° 6 | 9°30 | 2° 1 | 1°20 | 20°50 | 25°48 |
| M 6 | 20 59 0 | 13°41'12 | 0♃35 | 21° 8 | 18°30 | 20°22 | 8° 9 | 27°27 | 11°17 | 29° 5 | 9°30 | 2° 0 | 1°16 | 20°57 | 25°45 |
| T 7 | 21 2 57 | 14°38'42 | 12°26 | 20°23 | 18°22 | 20°13 | 8°22 | 27°34 | 11°19 | 29° 4 | 9°30 | 1°58 | 1°13 | 21° 3 | 25°42 |
| W 8 | 21 6 53 | 15°36'14 | 24°23 | 19°35 | 18°17 | 20° 4 | 8°35 | 27°42 | 11°21 | 29° 3 | 9°30 | 1°57 | 1°10 | 21°10 | 25°39 |
| T 9 | 21 10 50 | 16°33'47 | 6♂28 | 18°47 | 18°14 | 19°56 | 8°48 | 27°49 | 11°23 | 29° 2 | 9°R30 | 1°56 | 1° 7 | 21°17 | 25°36 |
| F 10 | 21 14 47 | 17°31'22 | 18°46 | 17°58 | 18°D14 | 19°49 | 9° 2 | 27°57 | 11°25 | 29° 1 | 9°30 | 1°D56 | 1° 4 | 21°24 | 25°33 |
| S 11 | 21 18 43 | 18°28'58 | 1♂22 | 17° 9 | 18°16 | 19°42 | 9°15 | 28° 4 | 11°27 | 29° 0 | 9°30 | 1°56 | 1° 1 | 21°30 | 25°30 |
| S 12 | 21 22 40 | 19°26'36 | 14°19 | 16°23 | 18°20 | 19°36 | 9°28 | 28°12 | 11°29 | 28°59 | 9°30 | 1°57 | 0°57 | 21°37 | 25°27 |
| M13 | 21 26 36 | 20°24'16 | 27°40 | 15°38 | 18°26 | 19°31 | 9°41 | 28°20 | 11°30 | 28°57 | 9°30 | 1°58 | 0°54 | 21°44 | 25°24 |
| T 14 | 21 30 33 | 21°21'56 | 11♂28 | 14°57 | 18°35 | 19°27 | 9°54 | 28°27 | 11°32 | 28°56 | 9°30 | 2° 0 | 0°51 | 21°50 | 25°21 |
| W15 | 21 34 29 | 22°19'39 | 25°42 | 14°20 | 18°46 | 19°24 | 10° 7 | 28°35 | 11°34 | 28°55 | 9°29 | 2°R 0 | 0°48 | 21°57 | 25°17 |
| T 16 | 21 38 26 | 23°17'22 | 10♄19 | 13°49 | 18°59 | 19°21 | 10°20 | 28°42 | 11°35 | 28°54 | 9°29 | 2° 0 | 0°45 | 22° 4 | 25°14 |
| F 17 | 21 42 22 | 24°15'08 | 25°13 | 13°23 | 19°13 | 19°19 | 10°34 | 28°50 | 11°37 | 28°52 | 9°29 | 1°59 | 0°41 | 22°10 | 25°11 |
| S 18 | 21 46 19 | 25°12'54 | 10♂18 | 13° 3 | 19°30 | 19°18 | 10°47 | 28°58 | 11°38 | 28°51 | 9°29 | 1°57 | 0°38 | 22°17 | 25° 8 |
| S 19 | 21 50 16 | 26°10'42 | 25°23 | 12°50 | 19°49 | 19°D18 | 11° 0 | 29° 5 | 11°40 | 28°50 | 9°29 | 1°54 | 0°35 | 22°24 | 25° 5 |
| M20 | 21 54 12 | 27° 8'30 | 10♂21 | 12°D45 | 20° 9 | 19°19 | 11°13 | 29°13 | 11°41 | 28°49 | 9°29 | 1°51 | 0°32 | 22°30 | 25° 2 |
| T 21 | 21 58 9 | 28° 6'21 | 25° 2 | 12°47 | 20°31 | 19°21 | 11°26 | 29°20 | 11°43 | 28°47 | 9°28 | 1°48 | 0°29 | 22°37 | 24°59 |
| W22 | 22 2 5 | 29° 4'12 | 9♂21 | 12°56 | 20°55 | 19°23 | 11°39 | 29°28 | 11°44 | 28°46 | 9°28 | 1°45 | 0°26 | 22°44 | 24°56 |
| T 23 | 22 6 2 | 0♂ 2'05 | 23°16 | 13°14 | 21°21 | 19°26 | 11°51 | 29°36 | 11°45 | 28°44 | 9°28 | 1°44 | 0°22 | 22°51 | 24°53 |
| F 24 | 22 9 58 | 0°59'58 | 6♂48 | 13°40 | 21°48 | 19°30 | 12° 4 | 29°43 | 11°47 | 28°43 | 9°27 | 1°D44 | 0°19 | 22°57 | 24°50 |
| S 25 | 22 13 55 | 1°57'54 | 19°56 | 14°13 | 22°17 | 19°35 | 12°17 | 29°51 | 11°48 | 28°42 | 9°27 | 1°45 | 0°16 | 23° 4 | 24°47 |
| S 26 | 22 17 51 | 2°55'50 | 2♂45 | 14°55 | 22°47 | 19°41 | 12°30 | 29°59 | 11°49 | 28°40 | 9°27 | 1°46 | 0°13 | 23°11 | 24°44 |
| M27 | 22 21 48 | 3°53'48 | 15°17 | 15°44 | 23°19 | 19°48 | 12°43 | 0♂ 6 | 11°50 | 28°39 | 9°26 | 1°48 | 0°10 | 23°17 | 24°41 |
| T 28 | 22 25 45 | 4°51'47 | 27°36 | 16°40 | 23°52 | 19°55 | 12°56 | 0°14 | 11°51 | 28°37 | 9°26 | 1°R49 | 0° 7 | 23°24 | 24°38 |
| W29 | 22 29 41 | 5°49'47 | 9♃45 | 17°43 | 24°26 | 20° 3 | 13° 8 | 0°21 | 11°52 | 28°36 | 9°26 | 1°49 | 0° 3 | 23°31 | 24°35 |
| T 30 | 22 33 38 | 6°47'49 | 21°46 | 18°53 | 25° 2 | 20°12 | 13°21 | 0°29 | 11°53 | 28°34 | 9°25 | 1°47 | 0° 0 | 23°37 | 24°32 |
| F 31 | 22 37 34 | 7♂45'53 | 3♂41 | 20♄ 9 | 25♂39 | 20♂21 | 13♄34 | 0♂37 | 11♂54 | 28♃33 | 9♂25 | 1♃43 | 29♂57 | 23♃44 | 24♃29 |

| Day | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| W 1 | 18n 3 | 20s 9 | 0s 8 | 9n21 | 4s25 | 15n 9 | 6s56 | 28s 0 | 6s19 | 19n 1 | 0n31 | 13n50 | 1n20 | 22n 4 | 0s 4 |
| T 2 | 17 48 | 16 1 | 0n59 | 9 22 | 4 33 | 15 10 | 6 57 | 28 1 | 6 18 | 18 58 | 0 31 | 13 48 | 1 20 | 22 4 | 0 4 |
| F 3 | 17 32 | 11 17 | 2 3 | 9 26 | 4 40 | 15 12 | 6 57 | 28 3 | 6 18 | 18 55 | 0 31 | 13 45 | 1 20 | 22 4 | 0 4 |
| S 4 | 17 16 | 6 12 | 3 1 | 9 32 | 4 45 | 15 14 | 6 57 | 28 4 | 6 17 | 18 51 | 0 31 | 13 43 | 1 20 | 22 5 | 0 4 |
| S 5 | 17 0 | 0 55 | 3 51 | 9 40 | 4 49 | 15 17 | 6 57 | 28 5 | 6 16 | 18 48 | 0 31 | 13 40 | 1 20 | 22 5 | 0 4 |
| M 6 | 16 44 | 4n21 | 4 30 | 9 51 | 4 52 | 15 19 | 6 55 | 28 5 | 6 15 | 18 45 | 0 31 | 13 38 | 1 20 | 22 5 | 0 4 |
| T 7 | 16 27 | 9 29 | 4 58 | 10 5 | 4 52 | 15 22 | 6 54 | 28 6 | 6 14 | 18 41 | 0 31 | 13 35 | 1 20 | 22 6 | 0 4 |
| W 8 | 16 10 | 14 18 | 5 13 | 10 20 | 4 51 | 15 25 | 6 51 | 28 6 | 6 12 | 18 38 | 0 31 | 13 32 | 1 20 | 22 6 | 0 4 |
| T 9 | 15 53 | 18 38 | 5 15 | 10 38 | 4 49 | 15 28 | 6 49 | 28 5 | 6 11 | 18 35 | 0 31 | 13 30 | 1 20 | 22 6 | 0 4 |
| F 10 | 15 36 | 22 16 | 5 3 | 10 57 | 4 44 | 15 31 | 6 46 | 28 5 | 6 9 | 18 31 | 0 32 | 13 27 | 1 21 | 22 6 | 0 4 |
| S 11 | 15 18 | 24 56 | 4 35 | 11 18 | 4 37 | 15 34 | 6 42 | 28 4 | 6 8 | 18 28 | 0 32 | 13 25 | 1 21 | 22 7 | 0 4 |
| S 12 | 15 0 | 26 24 | 3 54 | 11 40 | 4 29 | 15 37 | 6 38 | 28 3 | 6 6 | 18 24 | 0 32 | 13 22 | 1 21 | 22 7 | 0 4 |
| M13 | 14 42 | 26 25 | 2 58 | 12 2 | 4 19 | 15 41 | 6 34 | 28 2 | 6 4 | 18 21 | 0 32 | 13 20 | 1 21 | 22 7 | 0 4 |
| T 14 | 14 23 | 24 48 | 1 51 | 12 26 | 4 7 | 15 44 | 6 30 | 28 1 | 6 2 | 18 18 | 0 32 | 13 17 | 1 21 | 22 7 | 0 4 |
| W15 | 14 5 | 21 35 | 0 35 | 12 49 | 3 54 | 15 47 | 6 25 | 27 59 | 6 0 | 18 14 | 0 32 | 13 14 | 1 21 | 22 8 | 0 4 |
| T 16 | 13 46 | 16 56 | 0s46 | 13 11 | 3 39 | 15 50 | 6 20 | 27 57 | 5 58 | 18 11 | 0 32 | 13 12 | 1 21 | 22 8 | 0 4 |
| F 17 | 13 27 | 11 10 | 2 4 | 13 34 | 3 24 | 15 54 | 6 15 | 27 55 | 5 55 | 18 7 | 0 32 | 13 9 | 1 21 | 22 8 | 0 4 |
| S 18 | 13 8 | 4 42 | 3 15 | 13 55 | 3 7 | 15 57 | 6 9 | 27 53 | 5 53 | 18 4 | 0 32 | 13 7 | 1 21 | 22 8 | 0 4 |
| S 19 | 12 48 | 2s 2 | 4 13 | 14 15 | 2 50 | 16 0 | 6 4 | 27 51 | 5 50 | 18 0 | 0 32 | 13 4 | 1 21 | 22 9 | 0 4 |
| M20 | 12 28 | 8 34 | 4 52 | 14 33 | 2 33 | 16 3 | 5 58 | 27 48 | 5 48 | 17 57 | 0 33 | 13 1 | 1 21 | 22 9 | 0 4 |
| T 21 | 12 9 | 14 31 | 5 12 | 14 50 | 2 15 | 16 6 | 5 52 | 27 45 | 5 45 | 17 53 | 0 33 | 12 59 | 1 21 | 22 9 | 0 4 |
| W22 | 11 48 | 19 32 | 5 11 | 15 5 | 1 57 | 16 8 | 5 46 | 27 42 | 5 42 | 17 50 | 0 33 | 12 56 | 1 21 | 22 9 | 0 4 |
| T 23 | 11 28 | 23 19 | 4 52 | 15 17 | 1 39 | 16 11 | 5 39 | 27 39 | 5 40 | 17 46 | 0 33 | 12 53 | 1 21 | 22 9 | 0 4 |
| F 24 | 11 8 | 25 41 | 4 17 | 15 27 | 1 21 | 16 13 | 5 33 | 27 35 | 5 37 | 17 43 | 0 33 | 12 51 | 1 21 | 22 9 | 0 4 |
| S 25 | 10 47 | 26 33 | 3 29 | 15 34 | 1 3 | 16 15 | 5 26 | 27 32 | 5 34 | 17 39 | 0 33 | 12 48 | 1 21 | 22 10 | 0 4 |
| S 26 | 10 26 | 25 58 | 2 32 | 15 38 | 0 46 | 16 17 | 5 20 | 27 28 | 5 31 | 17 36 | 0 33 | 12 46 | 1 21 | 22 10 | 0 4 |
| M27 | 10 5 | 24 4 | 1 29 | 15 40 | 0 30 | 16 18 | 5 13 | 27 24 | 5 28 | 17 32 | 0 33 | 12 43 | 1 21 | 22 10 | 0 4 |
| T 28 | 9 44 | 21 2 | 0 23 | 15 38 | 0 14 | 16 19 | 5 6 | 27 20 | 5 25 | 17 29 | 0 33 | 12 40 | 1 22 | 22 10 | 0 4 |
| W29 | 9 23 | 17 8 | 0n43 | 15 33 | 0n 1 | 16 20 | 4 59 | 27 16 | 5 22 | 17 25 | 0 33 | 12 38 | 1 22 | 22 10 | 0 4 |
| T 30 | 9 1 | 12 35 | 1 47 | 15 25 | 0 15 | 16 21 | 4 52 | 27 12 | 5 19 | 17 22 | 0 34 | 12 35 | 1 22 | 22 10 | 0 4 |
| F 31 | 8n40 | 7s36 | 2n45 | 15n14 | 0n28 | 16n21 | 4s45 | 27s 7 | 5s16 | 17n18 | 0n34 | 12n33 | 1n22 | 22n11 | 0s 4 |

Julian Day Number = 2400623.5, Delta T = 7.71 sec
 Ecliptic obliquity = 23°27'31, Nutation = 0°00'16
 Ayanamsha: Fagan/Bradley = 22°47'37, Lahiri = 21°54'37

SWISS EPHEMERIS for the year 1860

SEPTEMBER 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| S 1 | 22 41 31 | 8 ^h 43'58 | 15 ^h 34 | 21 ^h 30 | 26 ^h 17 | 20 ^h 32 | 13 ^h 46 | 0 ^h 44 | 11 ^h 55 | 28 ^h R31 | 9 ^h R24 | 1 ^h R38 | 29 ^h 54 | 23 ^h 51 | 24 ^h R26 |
| S 2 | 22 45 27 | 9°42'05 | 27°25 | 22°57 | 26°56 | 20°43 | 13°59 | 0°52 | 11°56 | 28 ^h 30 | 9 ^h 24 | 1 ^h 32 | 29°51 | 23°57 | 24 ^h 23 |
| M 3 | 22 49 24 | 10°40'13 | 9 ^h 16 | 24°29 | 27°37 | 20°55 | 14°11 | 0°59 | 11°56 | 28°28 | 9°23 | 1°24 | 29°47 | 24° 4 | 24°20 |
| T 4 | 22 53 20 | 11°38'24 | 21° 9 | 26° 5 | 28°18 | 21° 7 | 14°24 | 1° 7 | 11°57 | 28°26 | 9°23 | 1°17 | 29°44 | 24°11 | 24°17 |
| W 5 | 22 57 17 | 12°36'36 | 3 ^h 8 | 27°45 | 29° 1 | 21°21 | 14°36 | 1°14 | 11°58 | 28°25 | 9°22 | 1°11 | 29°41 | 24°18 | 24°14 |
| T 6 | 23 1 13 | 13°34'51 | 15°14 | 29°28 | 29°44 | 21°35 | 14°49 | 1°22 | 11°58 | 28°23 | 9°22 | 1° 5 | 29°38 | 24°24 | 24°11 |
| F 7 | 23 5 10 | 14°33'07 | 27°31 | 1 ^h 14 | 0 ^h 29 | 21°49 | 15° 1 | 1°29 | 11°59 | 28°22 | 9°21 | 1° 2 | 29°35 | 24°31 | 24° 9 |
| S 8 | 23 9 7 | 15°31'26 | 10 ^h 4 | 3° 2 | 1°14 | 22° 4 | 15°13 | 1°37 | 11°59 | 28°20 | 9°21 | 1°D 0 | 29°32 | 24°38 | 24° 6 |
| S 9 | 23 13 3 | 16°29'47 | 22°55 | 4°51 | 2° 0 | 22°20 | 15°25 | 1°44 | 12° 0 | 28°18 | 9°20 | 1° 0 | 29°28 | 24°44 | 24° 3 |
| M10 | 23 17 0 | 17°28'10 | 6 ^h 9 | 6°42 | 2°48 | 22°37 | 15°38 | 1°52 | 12° 0 | 28°17 | 9°19 | 1° 1 | 29°25 | 24°51 | 24° 0 |
| T 11 | 23 20 56 | 18°26'35 | 19°49 | 8°35 | 3°36 | 22°54 | 15°50 | 1°59 | 12° 1 | 28°15 | 9°19 | 1° 3 | 29°22 | 24°58 | 23°58 |
| W12 | 23 24 53 | 19°25'02 | 3 ^h 57 | 10°27 | 4°25 | 23°12 | 16° 2 | 2° 7 | 12° 1 | 28°14 | 9°18 | 1°R 3 | 29°19 | 25° 4 | 23°55 |
| T 13 | 23 28 49 | 20°23'31 | 18°31 | 12°21 | 5°14 | 23°30 | 16°14 | 2°14 | 12° 1 | 28°12 | 9°17 | 1° 2 | 29°16 | 25°11 | 23°52 |
| F 14 | 23 32 46 | 21°22'02 | 3 ^h 28 | 14°14 | 6° 5 | 23°49 | 16°26 | 2°21 | 12° 1 | 28°10 | 9°17 | 0°58 | 29°12 | 25°18 | 23°50 |
| S 15 | 23 36 43 | 22°20'35 | 18°40 | 16° 7 | 6°56 | 24° 9 | 16°38 | 2°29 | 12° 1 | 28° 9 | 9°16 | 0°53 | 29° 9 | 25°25 | 23°47 |
| S 16 | 23 40 39 | 23°19'10 | 3 ^h 58 | 18° 0 | 7°47 | 24°29 | 16°50 | 2°36 | 12° 2 | 28° 7 | 9°15 | 0°45 | 29° 6 | 25°31 | 23°45 |
| M17 | 23 44 36 | 24°17'47 | 19°10 | 19°53 | 8°40 | 24°50 | 17° 1 | 2°43 | 12°R 2 | 28° 5 | 9°15 | 0°37 | 29° 3 | 25°38 | 23°42 |
| T 18 | 23 48 32 | 25°16'26 | 4 ^h 7 | 21°45 | 9°33 | 25°12 | 17°13 | 2°51 | 12° 2 | 28° 4 | 9°14 | 0°29 | 29° 0 | 25°45 | 23°40 |
| W19 | 23 52 29 | 26°15'07 | 18°40 | 23°36 | 10°27 | 25°33 | 17°25 | 2°58 | 12° 2 | 28° 2 | 9°13 | 0°23 | 28°57 | 25°51 | 23°37 |
| T 20 | 23 56 25 | 27°13'49 | 2 ^h 45 | 25°27 | 11°21 | 25°56 | 17°36 | 3° 5 | 12° 1 | 28° 0 | 9°12 | 0°18 | 28°53 | 25°58 | 23°35 |
| F 21 | 0 0 22 | 28°12'33 | 16°20 | 27°17 | 12°16 | 26°19 | 17°48 | 3°12 | 12° 1 | 27°59 | 9°11 | 0°15 | 28°50 | 26° 5 | 23°32 |
| S 22 | 0 4 18 | 29°11'19 | 29°29 | 29° 6 | 13°11 | 26°42 | 17°59 | 3°19 | 12° 1 | 27°57 | 9°11 | 0°D15 | 28°47 | 26°11 | 23°30 |
| S 23 | 0 8 15 | 0 ^h 10'06 | 12 ^h 13 | 0 ^h 54 | 14° 7 | 27° 6 | 18°11 | 3°27 | 12° 1 | 27°55 | 9°10 | 0°15 | 28°44 | 26°18 | 23°28 |
| M24 | 0 12 11 | 1° 8'56 | 24°39 | 2°41 | 15° 4 | 27°31 | 18°22 | 3°34 | 12° 0 | 27°54 | 9° 9 | 0°R16 | 28°41 | 26°25 | 23°26 |
| T 25 | 0 16 8 | 2° 7'46 | 6 ^h 49 | 4°28 | 16° 1 | 27°56 | 18°33 | 3°41 | 12° 0 | 27°52 | 9° 8 | 0°16 | 28°38 | 26°32 | 23°24 |
| W26 | 0 20 5 | 3° 6'39 | 18°50 | 6°13 | 16°58 | 28°21 | 18°44 | 3°48 | 12° 0 | 27°50 | 9° 7 | 0°14 | 28°34 | 26°38 | 23°21 |
| T 27 | 0 24 1 | 4° 5'33 | 0 ^h 44 | 7°58 | 17°56 | 28°47 | 18°55 | 3°55 | 11°59 | 27°49 | 9° 6 | 0°10 | 28°31 | 26°45 | 23°19 |
| F 28 | 0 27 58 | 5° 4'30 | 12°34 | 9°42 | 18°55 | 29°13 | 19° 6 | 4° 2 | 11°59 | 27°47 | 9° 5 | 0° 3 | 28°28 | 26°52 | 23°17 |
| S 29 | 0 31 54 | 6° 3'28 | 24°25 | 11°24 | 19°54 | 29°40 | 19°17 | 4° 8 | 11°58 | 27°45 | 9° 5 | 29 ^h 53 | 28°25 | 26°58 | 23°15 |
| S 30 | 0 35 51 | 7 ^h 2'28 | 6 ^h 17 | 13 ^h 6 | 20 ^h 53 | 0 ^h 7 | 19 ^h 28 | 4 ^h 15 | 11 ^h 57 | 27 ^h 44 | 9 ^h 4 | 29 ^h 42 | 28 ^h 22 | 27 ^h 5 | 23 ^h 13 |

| Day | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| S 1 | 8n18 | 2s23 | 3n35 | 14n59 | 0n41 | 16n21 | 4s38 | 27s 2 | 5s13 | 17n15 | 0n34 | 12n30 | 1n22 | 22n11 | 0s 4 |
| S 2 | 7 56 | 2n54 | 4 17 | 14 42 | 0 52 | 16 21 | 4 31 | 26 57 | 5 9 | 17 11 | 0 34 | 12 27 | 1 22 | 22 11 | 0 4 |
| M 3 | 7 34 | 8 4 | 4 47 | 14 21 | 1 2 | 16 20 | 4 24 | 26 52 | 5 6 | 17 8 | 0 34 | 12 25 | 1 22 | 22 11 | 0 4 |
| T 4 | 7 12 | 12 57 | 5 4 | 13 57 | 1 11 | 16 19 | 4 17 | 26 47 | 5 3 | 17 4 | 0 34 | 12 22 | 1 22 | 22 11 | 0 4 |
| W 5 | 6 50 | 17 24 | 5 9 | 13 30 | 1 19 | 16 18 | 4 10 | 26 42 | 5 0 | 17 1 | 0 34 | 12 19 | 1 22 | 22 11 | 0 4 |
| T 6 | 6 28 | 21 11 | 5 0 | 13 1 | 1 26 | 16 16 | 4 3 | 26 37 | 4 57 | 16 57 | 0 34 | 12 17 | 1 22 | 22 11 | 0 4 |
| F 7 | 6 5 24 | 7 4 | 37 | 12 29 | 1 32 | 16 13 | 3 56 | 26 31 | 4 54 | 16 54 | 0 35 | 12 14 | 1 23 | 22 11 | 0 4 |
| S 8 | 5 43 | 25 56 | 4 0 | 11 55 | 1 38 | 16 11 | 3 49 | 26 25 | 4 50 | 16 50 | 0 35 | 12 12 | 1 23 | 22 11 | 0 4 |
| S 9 | 5 20 | 26 27 | 3 11 | 11 19 | 1 42 | 16 8 | 3 42 | 26 19 | 4 47 | 16 47 | 0 35 | 12 9 | 1 23 | 22 11 | 0 4 |
| M10 | 4 57 | 25 29 | 2 10 | 10 41 | 1 45 | 16 4 | 3 35 | 26 13 | 4 44 | 16 43 | 0 35 | 12 7 | 1 23 | 22 11 | 0 3 |
| T 11 | 4 34 | 22 59 | 1 0 | 10 1 | 1 47 | 16 0 | 3 28 | 26 7 | 4 41 | 16 40 | 0 35 | 12 4 | 1 23 | 22 11 | 0 3 |
| W12 | 4 12 | 19 2 | 0s16 | 9 19 | 1 48 | 15 56 | 3 20 | 26 1 | 4 37 | 16 36 | 0 35 | 12 1 | 1 23 | 22 12 | 0 3 |
| T 13 | 3 49 | 13 49 | 1 33 | 8 37 | 1 49 | 15 51 | 3 13 | 25 55 | 4 34 | 16 33 | 0 35 | 11 59 | 1 23 | 22 12 | 0 3 |
| F 14 | 3 26 | 7 41 | 2 45 | 7 53 | 1 49 | 15 45 | 3 6 | 25 48 | 4 31 | 16 29 | 0 35 | 11 56 | 1 23 | 22 12 | 0 3 |
| S 15 | 3 2 | 1 0 | 3 47 | 7 8 | 1 48 | 15 40 | 2 59 | 25 41 | 4 28 | 16 26 | 0 36 | 11 54 | 1 23 | 22 12 | 0 3 |
| S 16 | 2 39 | 5s45 | 4 33 | 6 23 | 1 47 | 15 33 | 2 53 | 25 34 | 4 24 | 16 22 | 0 36 | 11 51 | 1 23 | 22 12 | 0 3 |
| M17 | 2 16 | 12 8 | 5 0 | 5 37 | 1 45 | 15 27 | 2 46 | 25 27 | 4 21 | 16 19 | 0 36 | 11 49 | 1 24 | 22 12 | 0 3 |
| T 18 | 1 53 | 17 41 | 5 5 | 4 50 | 1 42 | 15 20 | 2 39 | 25 20 | 4 18 | 16 16 | 0 36 | 11 46 | 1 24 | 22 12 | 0 3 |
| W19 | 1 29 | 22 2 | 4 51 | 4 3 | 1 39 | 15 12 | 2 32 | 25 13 | 4 15 | 16 12 | 0 36 | 11 44 | 1 24 | 22 12 | 0 3 |
| T 20 | 1 6 | 24 57 | 4 19 | 3 16 | 1 35 | 15 4 | 2 25 | 25 6 | 4 12 | 16 9 | 0 36 | 11 41 | 1 24 | 22 12 | 0 3 |
| F 21 | 0 43 | 26 17 | 3 33 | 2 29 | 1 32 | 14 55 | 2 18 | 24 58 | 4 8 | 16 5 | 0 36 | 11 39 | 1 24 | 22 12 | 0 3 |
| S 22 | 0 19 | 26 4 | 2 37 | 1 42 | 1 27 | 14 46 | 2 12 | 24 50 | 4 5 | 16 2 | 0 37 | 11 36 | 1 24 | 22 12 | 0 3 |
| S 23 | 0s 4 | 24 28 | 1 35 | 0 54 | 1 23 | 14 37 | 2 5 | 24 43 | 4 2 | 15 59 | 0 37 | 11 34 | 1 24 | 22 12 | 0 3 |
| M24 | 0 27 | 21 42 | 0 30 | 0 7 | 1 18 | 14 27 | 1 58 | 24 35 | 3 59 | 15 55 | 0 37 | 11 31 | 1 24 | 22 12 | 0 3 |
| T 25 | 0 51 | 18 1 | 0n35 | 0s40 | 1 12 | 14 16 | 1 52 | 24 26 | 3 56 | 15 52 | 0 37 | 11 29 | 1 25 | 22 11 | 0 3 |
| W26 | 1 14 | 13 39 | 1 37 | 1 27 | 1 7 | 14 5 | 1 45 | 24 18 | 3 53 | 15 49 | 0 37 | 11 26 | 1 25 | 22 11 | 0 3 |
| T 27 | 1 38 | 8 49 | 2 35 | 2 14 | 1 1 | 13 54 | 1 39 | 24 10 | 3 49 | 15 45 | 0 37 | 11 24 | 1 25 | 22 11 | 0 3 |
| F 28 | 2 1 | 3 41 | 3 25 | 3 0 | 0 55 | 13 42 | 1 33 | 24 1 | 3 46 | 15 42 | 0 38 | 11 22 | 1 25 | 22 11 | 0 3 |
| S 29 | 2 24 | 1n33 | 4 6 | 3 46 | 0 49 | 13 30 | 1 26 | 23 53 | 3 43 | 15 39 | 0 38 | 11 19 | 1 25 | 22 11 | 0 3 |
| S 30 | 2s48 | 6n44 | 4n37 | 4s32 | 0n43 | 13n17 | 1s20 | 23s44 | 3s40 | 15n36 | 0n38 | 11n17 | 1n25 | 22n11 | 0s 3 |

Julian Day Number = 2400654.5, Delta T = 7.70 sec
 Ecliptic obliquity = 23°27'32, Nutation = 0°00'16
 Ayanamsha: Fagan/Bradley = 22°47'41, Lahiri = 21°54'41

SWISS EPHEMERIS for the year 1860

OCTOBER 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|-----------|--------|--------|--------|--------|--------|-------|--------|--------|-------|---------|--------|--------|--------|
| M 1 | 0 39 47 | 8♌ 1'30 | 18♍ 12 | 14♌ 47 | 21♌ 53 | 0♌ 34 | 19♌ 39 | 4♍ 22 | 11♌ 57 | 27♌ 42 | 9♌ 3 | 29♌ 29 | 28♌ 18 | 27♌ 12 | 23♌ 11 |
| T 2 | 0 43 44 | 9° 0'34 | 0♌ 12 | 16° 28 | 22° 53 | 1° 2 | 19° 50 | 4° 29 | 11♌ 56 | 27♌ 40 | 9♌ 2 | 29♌ 16 | 28° 15 | 27° 18 | 23° 10 |
| W 3 | 0 47 40 | 9° 59'41 | 12° 17 | 18° 7 | 23° 54 | 1° 30 | 20° 0 | 4° 36 | 11° 55 | 27° 39 | 9° 1 | 29° 4 | 28° 12 | 27° 25 | 23° 8 |
| T 4 | 0 51 37 | 10° 58'50 | 24° 29 | 19° 46 | 24° 55 | 1° 59 | 20° 11 | 4° 42 | 11° 54 | 27° 37 | 9° 0 | 28° 54 | 28° 9 | 27° 32 | 23° 6 |
| F 5 | 0 55 34 | 11° 58'01 | 6♌ 52 | 21° 23 | 25° 57 | 2° 28 | 20° 21 | 4° 49 | 11° 53 | 27° 36 | 8° 59 | 28° 46 | 28° 6 | 27° 39 | 23° 4 |
| S 6 | 0 59 30 | 12° 57'14 | 19° 26 | 23° 0 | 26° 59 | 2° 57 | 20° 31 | 4° 55 | 11° 52 | 27° 34 | 8° 58 | 28° 42 | 28° 3 | 27° 45 | 23° 3 |
| S 7 | 1 3 27 | 13° 56'29 | 2♌ 16 | 24° 37 | 28° 1 | 3° 27 | 20° 42 | 5° 2 | 11° 52 | 27° 32 | 8° 57 | 28° 39 | 27° 59 | 27° 52 | 23° 1 |
| M 8 | 1 7 23 | 14° 55'47 | 15° 24 | 26° 12 | 29° 3 | 3° 57 | 20° 52 | 5° 8 | 11° 50 | 27° 31 | 8° 56 | 28° D39 | 27° 56 | 27° 59 | 23° 0 |
| T 9 | 1 11 20 | 15° 55'08 | 28° 55 | 27° 47 | 0♍ 6 | 4° 27 | 21° 2 | 5° 15 | 11° 49 | 27° 29 | 8° 55 | 28° R39 | 27° 53 | 28° 5 | 22° 58 |
| W10 | 1 15 16 | 16° 54'30 | 12♌ 50 | 29° 21 | 1° 9 | 4° 58 | 21° 12 | 5° 21 | 11° 48 | 27° 28 | 8° 54 | 28° 39 | 27° 50 | 28° 12 | 22° 57 |
| T 11 | 1 19 13 | 17° 53'55 | 27° 11 | 0♍ 54 | 2° 13 | 5° 29 | 21° 22 | 5° 28 | 11° 47 | 27° 26 | 8° 53 | 28° 36 | 27° 47 | 28° 19 | 22° 55 |
| F 12 | 1 23 9 | 18° 53'22 | 11♍ 56 | 2° 27 | 3° 17 | 6° 0 | 21° 31 | 5° 34 | 11° 46 | 27° 25 | 8° 52 | 28° 31 | 27° 44 | 28° 26 | 22° 54 |
| S 13 | 1 27 6 | 19° 52'51 | 26° 59 | 3° 59 | 4° 21 | 6° 32 | 21° 41 | 5° 40 | 11° 45 | 27° 23 | 8° 51 | 28° 23 | 27° 40 | 28° 32 | 22° 53 |
| S 14 | 1 31 3 | 20° 52'23 | 12♌ 12 | 5° 30 | 5° 26 | 7° 4 | 21° 50 | 5° 46 | 11° 43 | 27° 22 | 8° 50 | 28° 13 | 27° 37 | 28° 39 | 22° 52 |
| M15 | 1 34 59 | 21° 51'57 | 27° 24 | 7° 1 | 6° 30 | 7° 36 | 22° 0 | 5° 52 | 11° 42 | 27° 20 | 8° 49 | 28° 2 | 27° 34 | 28° 46 | 22° 50 |
| T 16 | 1 38 56 | 22° 51'32 | 12♌ 25 | 8° 31 | 7° 35 | 8° 8 | 22° 9 | 5° 58 | 11° 41 | 27° 19 | 8° 47 | 27° 50 | 27° 31 | 28° 52 | 22° 49 |
| W17 | 1 42 52 | 23° 51'10 | 27° 5 | 10° 0 | 8° 41 | 8° 41 | 22° 18 | 6° 4 | 11° 39 | 27° 17 | 8° 46 | 27° 41 | 27° 28 | 28° 59 | 22° 48 |
| T 18 | 1 46 49 | 24° 50'49 | 11♌ 18 | 11° 29 | 9° 46 | 9° 14 | 22° 27 | 6° 10 | 11° 38 | 27° 16 | 8° 45 | 27° 33 | 27° 24 | 29° 6 | 22° 47 |
| F 19 | 1 50 45 | 25° 50'31 | 25° 1 | 12° 57 | 10° 52 | 9° 48 | 22° 36 | 6° 16 | 11° 36 | 27° 14 | 8° 44 | 27° 28 | 27° 21 | 29° 12 | 22° 46 |
| S 20 | 1 54 42 | 26° 50'14 | 8♌ 15 | 14° 24 | 11° 58 | 10° 21 | 22° 45 | 6° 22 | 11° 35 | 27° 13 | 8° 43 | 27° 25 | 27° 18 | 29° 19 | 22° 46 |
| S 21 | 1 58 38 | 27° 49'59 | 21° 2 | 15° 51 | 13° 5 | 10° 55 | 22° 54 | 6° 27 | 11° 33 | 27° 12 | 8° 42 | 27° 25 | 27° 15 | 29° 26 | 22° 45 |
| M22 | 2 2 35 | 28° 49'45 | 3♌ 28 | 17° 16 | 14° 11 | 11° 29 | 23° 3 | 6° 33 | 11° 31 | 27° 10 | 8° 41 | 27° 25 | 27° 12 | 29° 33 | 22° 44 |
| T 23 | 2 6 32 | 29° 49'33 | 15° 37 | 18° 41 | 15° 18 | 12° 3 | 23° 11 | 6° 39 | 11° 30 | 27° 9 | 8° 40 | 27° 24 | 27° 9 | 29° 39 | 22° 43 |
| W24 | 2 10 28 | 0♍ 49'23 | 27° 35 | 20° 6 | 16° 25 | 12° 38 | 23° 19 | 6° 44 | 11° 28 | 27° 8 | 8° 39 | 27° 22 | 27° 5 | 29° 46 | 22° 43 |
| T 25 | 2 14 25 | 1° 49'14 | 9♌ 27 | 21° 29 | 17° 32 | 13° 12 | 23° 28 | 6° 50 | 11° 26 | 27° 6 | 8° 38 | 27° 17 | 27° 2 | 29° 53 | 22° 42 |
| F 26 | 2 18 21 | 2° 49'07 | 21° 17 | 22° 52 | 18° 40 | 13° 47 | 23° 36 | 6° 55 | 11° 24 | 27° 5 | 8° 36 | 27° 10 | 26° 59 | 29° 59 | 22° 42 |
| S 27 | 2 22 18 | 3° 49'02 | 3♍ 8 | 24° 14 | 19° 47 | 14° 22 | 23° 44 | 7° 0 | 11° 23 | 27° 4 | 8° 35 | 26° 59 | 26° 56 | 0♍ 6 | 22° 41 |
| S 28 | 2 26 14 | 4° 48'59 | 15° 3 | 25° 34 | 20° 55 | 14° 58 | 23° 52 | 7° 6 | 11° 21 | 27° 3 | 8° 34 | 26° 46 | 26° 53 | 0° 13 | 22° 41 |
| M29 | 2 30 11 | 5° 48'57 | 27° 5 | 26° 54 | 22° 3 | 15° 33 | 23° 59 | 7° 11 | 11° 19 | 27° 1 | 8° 33 | 26° 32 | 26° 49 | 0° 20 | 22° 41 |
| T 30 | 2 34 7 | 6° 48'58 | 9♌ 14 | 28° 12 | 23° 12 | 16° 9 | 24° 7 | 7° 16 | 11° 17 | 27° 0 | 8° 32 | 26° 18 | 26° 46 | 0° 26 | 22° 41 |
| W31 | 2 38 4 | 7♌ 49'00 | 21♌ 31 | 29♌ 30 | 24♌ 20 | 16° 45 | 24° 14 | 7° 21 | 11° 15 | 26° 59 | 8° 31 | 26° 5 | 26° 43 | 0° 33 | 22° 40 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| M 1 | 3s11 | 11n42 | 4n56 | 5s17 | 0n36 | 13n 3 | 1s14 | 23s35 | 3s37 | 15n32 | 0n38 | 11n15 | 1n25 | 22n11 | 0s 3 |
| T 2 | 3 34 | 16 15 | 5 1 | 6 1 | 0 29 | 12 50 | 1 8 | 23 26 | 3 34 | 15 29 | 0 38 | 11 12 | 1 26 | 22 11 | 0 3 |
| W 3 | 3 58 | 20 11 | 4 53 | 6 46 | 0 23 | 12 35 | 1 2 | 23 16 | 3 31 | 15 26 | 0 38 | 11 10 | 1 26 | 22 11 | 0 3 |
| T 4 | 4 21 | 23 18 | 4 32 | 7 29 | 0 16 | 12 21 | 0 56 | 23 7 | 3 28 | 15 23 | 0 38 | 11 8 | 1 26 | 22 11 | 0 3 |
| F 5 | 4 44 | 25 23 | 3 58 | 8 12 | 0 9 | 12 6 | 0 50 | 22 57 | 3 25 | 15 20 | 0 39 | 11 5 | 1 26 | 22 11 | 0 3 |
| S 6 | 5 7 | 26 13 | 3 12 | 8 55 | 0 2 | 11 50 | 0 44 | 22 48 | 3 22 | 15 16 | 0 39 | 11 3 | 1 26 | 22 11 | 0 3 |
| S 7 | 5 30 | 25 41 | 2 15 | 9 37 | 0s 5 | 11 34 | 0 39 | 22 38 | 3 19 | 15 13 | 0 39 | 11 1 | 1 26 | 22 10 | 0 3 |
| M 8 | 5 53 | 23 43 | 1 10 | 10 18 | 0 12 | 11 18 | 0 33 | 22 28 | 3 17 | 15 10 | 0 39 | 10 59 | 1 27 | 22 10 | 0 3 |
| T 9 | 6 16 | 20 22 | 0s 1 | 10 59 | 0 19 | 11 1 | 0 28 | 22 18 | 3 14 | 15 7 | 0 39 | 10 56 | 1 27 | 22 10 | 0 3 |
| W10 | 6 39 | 15 47 | 1 14 | 11 39 | 0 26 | 10 44 | 0 22 | 22 7 | 3 11 | 15 4 | 0 39 | 10 54 | 1 27 | 22 10 | 0 3 |
| T 11 | 7 2 | 10 11 | 2 25 | 12 18 | 0 33 | 10 26 | 0 17 | 21 57 | 3 8 | 15 1 | 0 40 | 10 52 | 1 27 | 22 10 | 0 3 |
| F 12 | 7 24 | 3 54 | 3 27 | 12 57 | 0 40 | 10 8 | 0 11 | 21 46 | 3 5 | 14 58 | 0 40 | 10 50 | 1 27 | 22 10 | 0 3 |
| S 13 | 7 47 | 2s44 | 4 17 | 13 35 | 0 46 | 9 50 | 0 6 | 21 36 | 3 2 | 14 55 | 0 40 | 10 48 | 1 27 | 22 10 | 0 3 |
| S 14 | 8 9 | 9 15 | 4 49 | 14 12 | 0 53 | 9 31 | 0 1 | 21 25 | 3 0 | 14 52 | 0 40 | 10 46 | 1 28 | 22 9 | 0 3 |
| M15 | 8 32 | 15 13 | 5 0 | 14 49 | 1 0 | 9 11 | 0n 4 | 21 14 | 2 57 | 14 49 | 0 40 | 10 43 | 1 28 | 22 9 | 0 3 |
| T 16 | 8 54 | 20 11 | 4 51 | 15 24 | 1 7 | 8 52 | 0 9 | 21 3 | 2 54 | 14 47 | 0 41 | 10 41 | 1 28 | 22 9 | 0 3 |
| W17 | 9 16 | 23 46 | 4 22 | 15 59 | 1 13 | 8 32 | 0 14 | 20 51 | 2 51 | 14 44 | 0 41 | 10 39 | 1 28 | 22 9 | 0 3 |
| T 18 | 9 38 | 25 45 | 3 38 | 16 33 | 1 20 | 8 12 | 0 18 | 20 40 | 2 49 | 14 41 | 0 41 | 10 37 | 1 28 | 22 9 | 0 3 |
| F 19 | 10 0 | 26 4 | 2 42 | 17 7 | 1 26 | 7 51 | 0 23 | 20 28 | 2 46 | 14 38 | 0 41 | 10 35 | 1 28 | 22 8 | 0 3 |
| S 20 | 10 21 | 24 51 | 1 39 | 17 39 | 1 33 | 7 30 | 0 27 | 20 17 | 2 43 | 14 36 | 0 41 | 10 33 | 1 29 | 22 8 | 0 3 |
| S 21 | 10 43 | 22 22 | 0 34 | 18 10 | 1 39 | 7 9 | 0 32 | 20 5 | 2 41 | 14 33 | 0 42 | 10 31 | 1 29 | 22 8 | 0 3 |
| M22 | 11 4 | 18 53 | 0n32 | 18 41 | 1 45 | 6 47 | 0 36 | 19 53 | 2 38 | 14 30 | 0 42 | 10 29 | 1 29 | 22 8 | 0 3 |
| T 23 | 11 25 | 14 39 | 1 35 | 19 10 | 1 51 | 6 25 | 0 40 | 19 41 | 2 35 | 14 28 | 0 42 | 10 28 | 1 29 | 22 8 | 0 3 |
| W24 | 11 46 | 9 56 | 2 32 | 19 39 | 1 56 | 6 3 | 0 45 | 19 28 | 2 33 | 14 25 | 0 42 | 10 26 | 1 29 | 22 7 | 0 3 |
| T 25 | 12 7 | 4 54 | 3 23 | 20 7 | 2 2 | 5 41 | 0 49 | 19 16 | 2 30 | 14 23 | 0 42 | 10 24 | 1 30 | 22 7 | 0 3 |
| F 26 | 12 28 | 0n16 | 4 4 | 20 33 | 2 7 | 5 18 | 0 53 | 19 3 | 2 28 | 14 20 | 0 42 | 10 22 | 1 30 | 22 7 | 0 3 |
| S 27 | 12 48 | 5 27 | 4 35 | 20 59 | 2 12 | 4 55 | 0 56 | 18 51 | 2 25 | 14 18 | 0 43 | 10 20 | 1 30 | 22 7 | 0 3 |
| S 28 | 13 8 | 10 27 | 4 54 | 21 23 | 2 17 | 4 31 | 1 0 | 18 38 | 2 23 | 14 15 | 0 43 | 10 19 | 1 30 | 22 6 | 0 3 |
| M29 | 13 28 | 15 6 | 5 0 | 21 46 | 2 21 | 4 8 | 1 4 | 18 25 | 2 20 | 14 13 | 0 43 | 10 17 | 1 30 | 22 6 | 0 3 |
| T 30 | 13 48 | 19 12 | 4 52 | 22 8 | 2 26 | 3 44 | 1 7 | 18 12 | 2 18 | 14 10 | 0 43 | 10 15 | 1 31 | 22 6 | 0 3 |
| W31 | 14s 8 | 22n31 | 4n31 | 22s29 | 2s29 | 3n20 | 1n11 | 17s59 | 2s15 | 14n 8 | 0n43 | 10n13 | 1n31 | 22n 6 | 0s 3 |

Julian Day Number = 2400684.5, Delta T = 7.69 sec
 Ecliptic obliquity = 23°27'32, Nutation = 0°00'14
 Ayanamsha: Fagan/Bradley = 22°47'45, Lahiri = 21°54'45

SWISS EPHEMERIS for the year 1860

NOVEMBER 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|--------|--------|-------|-------|-------|------|---------|--------|-------|--------|-------|------|--------|---|
| T 1 | 2 42 1 | 8♁49'04 | 3♁56 | 0♁745 | 25♁29 | 17♁21 | 24♁22 | 7♁26 | 11°R13 | 26°R58 | 8°R30 | 25°R54 | 26♁40 | 0♁40 | 22°R40 | |
| F 2 | 2 45 57 | 9°49'11 | 16°31 | 2° 0 | 26°37 | 17°57 | 24°29 | 7°31 | 11°II11 | 26°K57 | 8°R29 | 25°R45 | 26°37 | 0°46 | 22°D40 | |
| S 3 | 2 49 54 | 10°49'19 | 29°17 | 3°12 | 27°47 | 18°34 | 24°36 | 7°35 | 11° 9 | 26°56 | 8°27 | 25°40 | 26°34 | 0°53 | 22°K40 | |
| S 4 | 2 53 50 | 11°49'29 | 12♁15 | 4°23 | 28°56 | 19°10 | 24°43 | 7°40 | 11° 7 | 26°55 | 8°26 | 25°37 | 26°30 | 1° 0 | 22°41 | |
| M 5 | 2 57 47 | 12°49'42 | 25°27 | 5°32 | 0♁ 5 | 19°47 | 24°50 | 7°45 | 11° 5 | 26°53 | 8°25 | 25°D36 | 26°27 | 1° 6 | 22°41 | |
| T 6 | 3 1 43 | 13°49'56 | 8♁55 | 6°38 | 1°15 | 20°24 | 24°56 | 7°49 | 11° 2 | 26°52 | 8°24 | 25°R37 | 26°24 | 1°13 | 22°41 | |
| W 7 | 3 5 40 | 14°50'13 | 22°43 | 7°42 | 2°24 | 21° 1 | 25° 3 | 7°54 | 11° 0 | 26°51 | 8°23 | 25°36 | 26°21 | 1°20 | 22°41 | |
| T 8 | 3 9 36 | 15°50'31 | 6♁49 | 8°43 | 3°34 | 21°38 | 25° 9 | 7°58 | 10°58 | 26°51 | 8°22 | 25°35 | 26°18 | 1°27 | 22°42 | |
| F 9 | 3 13 33 | 16°50'51 | 21°15 | 9°41 | 4°44 | 22°15 | 25°15 | 8° 2 | 10°56 | 26°50 | 8°21 | 25°31 | 26°15 | 1°33 | 22°42 | |
| S 10 | 3 17 30 | 17°51'14 | 5♁57 | 10°34 | 5°54 | 22°53 | 25°21 | 8° 6 | 10°54 | 26°49 | 8°20 | 25°24 | 26°11 | 1°40 | 22°42 | |
| S 11 | 3 21 26 | 18°51'38 | 20°49 | 11°24 | 7° 5 | 23°31 | 25°27 | 8°10 | 10°51 | 26°48 | 8°18 | 25°15 | 26° 8 | 1°47 | 22°43 | |
| M12 | 3 25 23 | 19°52'04 | 5♁44 | 12° 9 | 8°15 | 24° 8 | 25°33 | 8°14 | 10°49 | 26°47 | 8°17 | 25° 5 | 26° 5 | 1°53 | 22°44 | |
| T13 | 3 29 19 | 20°52'32 | 20°32 | 12°49 | 9°26 | 24°46 | 25°38 | 8°18 | 10°47 | 26°46 | 8°16 | 24°54 | 26° 2 | 2° 0 | 22°44 | |
| W14 | 3 33 16 | 21°53'02 | 5♁ 5 | 13°23 | 10°37 | 25°24 | 25°43 | 8°22 | 10°44 | 26°45 | 8°15 | 24°45 | 25°59 | 2° 7 | 22°45 | |
| T 15 | 3 37 12 | 22°53'33 | 19°15 | 13°50 | 11°47 | 26° 2 | 25°49 | 8°26 | 10°42 | 26°45 | 8°14 | 24°38 | 25°55 | 2°14 | 22°46 | |
| F 16 | 3 41 9 | 23°54'06 | 3♁ 0 | 14°11 | 12°58 | 26°41 | 25°54 | 8°29 | 10°40 | 26°44 | 8°13 | 24°33 | 25°52 | 2°20 | 22°47 | |
| S 17 | 3 45 5 | 24°54'40 | 16°17 | 14°23 | 14° 9 | 27°19 | 25°59 | 8°33 | 10°37 | 26°43 | 8°12 | 24°31 | 25°49 | 2°27 | 22°48 | |
| S 18 | 3 49 2 | 25°55'15 | 29° 9 | 14°R26 | 15°21 | 27°58 | 26° 3 | 8°36 | 10°35 | 26°42 | 8°11 | 24°D31 | 25°46 | 2°34 | 22°49 | |
| M19 | 3 52 59 | 26°55'51 | 11♁39 | 14°20 | 16°32 | 28°36 | 26° 8 | 8°40 | 10°32 | 26°42 | 8°10 | 24°32 | 25°43 | 2°40 | 22°50 | |
| T 20 | 3 56 55 | 27°56'29 | 23°31 | 14° 3 | 17°43 | 29°15 | 26°12 | 8°43 | 10°30 | 26°41 | 8° 9 | 24°R33 | 25°40 | 2°47 | 22°51 | |
| W21 | 4 0 52 | 28°57'08 | 5♁51 | 13°37 | 18°55 | 29°54 | 26°16 | 8°46 | 10°27 | 26°41 | 8° 8 | 24°32 | 25°36 | 2°54 | 22°52 | |
| T 22 | 4 4 48 | 29°57'47 | 17°44 | 12°59 | 20° 7 | 0♁33 | 26°20 | 8°49 | 10°25 | 26°40 | 8° 7 | 24°30 | 25°33 | 3° 1 | 22°53 | |
| F 23 | 4 8 45 | 0♁58'28 | 29°34 | 12°11 | 21°18 | 1°12 | 26°24 | 8°52 | 10°22 | 26°40 | 8° 6 | 24°26 | 25°30 | 3° 7 | 22°55 | |
| S 24 | 4 12 41 | 1°59'10 | 11°V27 | 11°12 | 22°30 | 1°51 | 26°28 | 8°55 | 10°20 | 26°39 | 8° 5 | 24°20 | 25°27 | 3°14 | 22°56 | |
| S 25 | 4 16 38 | 2°59'53 | 23°26 | 10° 5 | 23°42 | 2°30 | 26°31 | 8°58 | 10°17 | 26°39 | 8° 4 | 24°11 | 25°24 | 3°21 | 22°57 | |
| M26 | 4 20 34 | 4° 0'38 | 5♁34 | 8°51 | 24°54 | 3° 9 | 26°34 | 9° 0 | 10°15 | 26°38 | 8° 3 | 24° 2 | 25°21 | 3°27 | 22°59 | |
| T 27 | 4 24 31 | 5° 1'23 | 17°53 | 7°31 | 26° 6 | 3°49 | 26°38 | 9° 3 | 10°12 | 26°38 | 8° 2 | 23°52 | 25°17 | 3°34 | 23° 0 | |
| W28 | 4 28 28 | 6° 2'10 | 0♁23 | 6° 9 | 27°18 | 4°28 | 26°40 | 9° 5 | 10°10 | 26°37 | 8° 1 | 23°43 | 25°14 | 3°41 | 23° 2 | |
| T 29 | 4 32 24 | 7° 2'58 | 13° 6 | 4°46 | 28°31 | 5° 8 | 26°43 | 9° 8 | 10° 7 | 26°37 | 8° 0 | 23°35 | 25°11 | 3°48 | 23° 4 | |
| F 30 | 4 36 21 | 8♁ 3'47 | 26♁ 1 | 3♁27 | 29♁43 | 5♁47 | 26♁46 | 9♁10 | 10♁ 5 | 26♁37 | 7♁59 | 23♁30 | 25♁ 8 | 3♁54 | 23♁ 5 | |

| Day | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|-------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl |
| T 1 | 14s27 | 24n50 | 3n57 | 22s49 | 2s33 | 2n56 | 1n14 | 17s45 | 2s13 | 14n 6 | 0n44 | 10n12 | 1n31 | 22n 5 | 0s 3 | 2s27 |
| F 2 | 14 46 | 25 57 | 3 11 | 23 7 | 2 36 | 2 31 | 1 17 | 17 32 | 2 10 | 14 4 | 0 44 | 10 10 | 1 31 | 22 5 | 0 3 | 2 28 |
| S 3 | 15 5 | 25 42 | 2 15 | 23 25 | 2 39 | 2 7 | 1 20 | 17 18 | 2 8 | 14 2 | 0 44 | 10 9 | 1 31 | 22 5 | 0 3 | 2 28 |
| S 4 | 15 24 | 24 4 | 1 10 | 23 40 | 2 41 | 1 42 | 1 23 | 17 5 | 2 6 | 13 59 | 0 44 | 10 7 | 1 32 | 22 5 | 0 3 | 2 29 |
| M 5 | 15 42 | 21 5 | 0 1 | 23 55 | 2 43 | 1 17 | 1 26 | 16 51 | 2 3 | 13 57 | 0 45 | 10 5 | 1 32 | 22 4 | 0 3 | 2 29 |
| T 6 | 16 0 | 16 55 | 1s10 | 24 7 | 2 44 | 0 52 | 1 29 | 16 37 | 2 1 | 13 55 | 0 45 | 10 4 | 1 32 | 22 4 | 0 3 | 2 29 |
| W 7 | 16 18 | 11 46 | 2 19 | 24 19 | 2 44 | 0 27 | 1 32 | 16 23 | 1 59 | 13 53 | 0 45 | 10 3 | 1 32 | 22 4 | 0 3 | 2 30 |
| T 8 | 16 36 | 5 55 | 3 20 | 24 29 | 2 44 | 0 1 | 1 34 | 16 9 | 1 57 | 13 52 | 0 45 | 10 1 | 1 32 | 22 3 | 0 3 | 2 30 |
| F 9 | 16 53 | 0s22 | 4 11 | 24 37 | 2 44 | 0s24 | 1 37 | 15 54 | 1 54 | 13 50 | 0 45 | 10 0 | 1 33 | 22 3 | 0 3 | 2 30 |
| S 10 | 17 10 | 6 44 | 4 46 | 24 43 | 2 42 | 0 50 | 1 39 | 15 40 | 1 52 | 13 48 | 0 46 | 9 58 | 1 33 | 22 3 | 0 3 | 2 31 |
| S 11 | 17 27 | 12 47 | 5 2 | 24 48 | 2 40 | 1 16 | 1 41 | 15 25 | 1 50 | 13 46 | 0 46 | 9 57 | 1 33 | 22 2 | 0 3 | 2 31 |
| M12 | 17 43 | 18 7 | 4 57 | 24 51 | 2 36 | 1 42 | 1 43 | 15 11 | 1 48 | 13 44 | 0 46 | 9 56 | 1 33 | 22 2 | 0 3 | 2 31 |
| T13 | 17 59 | 22 17 | 4 33 | 24 52 | 2 32 | 2 8 | 1 45 | 14 56 | 1 45 | 13 43 | 0 46 | 9 54 | 1 34 | 22 2 | 0 3 | 2 32 |
| W14 | 18 15 | 24 57 | 3 52 | 24 51 | 2 27 | 2 34 | 1 47 | 14 41 | 1 43 | 13 41 | 0 47 | 9 53 | 1 34 | 22 1 | 0 3 | 2 32 |
| T 15 | 18 31 | 25 57 | 2 56 | 24 48 | 2 20 | 3 0 | 1 49 | 14 26 | 1 41 | 13 40 | 0 47 | 9 52 | 1 34 | 22 1 | 0 3 | 2 32 |
| F 16 | 18 46 | 25 18 | 1 52 | 24 43 | 2 13 | 3 26 | 1 51 | 14 11 | 1 39 | 13 38 | 0 47 | 9 51 | 1 34 | 22 1 | 0 3 | 2 32 |
| S 17 | 19 1 | 23 11 | 0 44 | 24 35 | 2 3 | 3 52 | 1 52 | 13 56 | 1 37 | 13 37 | 0 47 | 9 50 | 1 34 | 22 0 | 0 3 | 2 33 |
| S 18 | 19 15 | 19 56 | 0n25 | 24 25 | 1 53 | 4 18 | 1 54 | 13 41 | 1 35 | 13 35 | 0 47 | 9 49 | 1 35 | 22 0 | 0 3 | 2 33 |
| M19 | 19 29 | 15 51 | 1 30 | 24 12 | 1 41 | 4 44 | 1 55 | 13 25 | 1 33 | 13 34 | 0 48 | 9 48 | 1 35 | 22 0 | 0 3 | 2 33 |
| T 20 | 19 43 | 11 13 | 2 30 | 23 57 | 1 27 | 5 10 | 1 56 | 13 10 | 1 31 | 13 33 | 0 48 | 9 47 | 1 35 | 21 59 | 0 3 | 2 33 |
| W21 | 19 56 | 6 14 | 3 23 | 23 38 | 1 12 | 5 36 | 1 58 | 12 54 | 1 29 | 13 32 | 0 48 | 9 46 | 1 35 | 21 59 | 0 3 | 2 34 |
| T 22 | 20 10 | 1 5 | 4 6 | 23 17 | 0 55 | 6 2 | 1 59 | 12 38 | 1 27 | 13 30 | 0 48 | 9 45 | 1 36 | 21 59 | 0 3 | 2 34 |
| F 23 | 20 22 | 4n 5 | 4 38 | 22 53 | 0 37 | 6 28 | 2 0 | 12 23 | 1 25 | 13 29 | 0 49 | 9 44 | 1 36 | 21 58 | 0 3 | 2 34 |
| S 24 | 20 35 | 9 7 | 4 58 | 22 26 | 0 18 | 6 54 | 2 0 | 12 7 | 1 23 | 13 28 | 0 49 | 9 43 | 1 36 | 21 58 | 0 3 | 2 34 |
| S 25 | 20 46 | 13 51 | 5 6 | 21 57 | 0n 2 | 7 20 | 2 1 | 11 51 | 1 21 | 13 27 | 0 49 | 9 42 | 1 36 | 21 58 | 0 3 | 2 34 |
| M26 | 20 58 | 18 6 | 5 0 | 21 25 | 0 22 | 7 46 | 2 2 | 11 35 | 1 19 | 13 26 | 0 49 | 9 41 | 1 37 | 21 57 | 0 3 | 2 34 |
| T 27 | 21 9 | 21 39 | 4 40 | 20 53 | 0 43 | 8 11 | 2 2 | 11 19 | 1 17 | 13 26 | 0 50 | 9 41 | 1 37 | 21 57 | 0 3 | 2 34 |
| W28 | 21 20 | 24 16 | 4 6 | 20 19 | 1 3 | 8 37 | 2 3 | 11 3 | 1 15 | 13 25 | 0 50 | 9 40 | 1 37 | 21 57 | 0 3 | 2 35 |
| T 29 | 21 30 | 25 42 | 3 20 | 19 46 | 1 22 | 9 2 | 2 3 | 10 46 | 1 13 | 13 24 | 0 50 | 9 39 | 1 37 | 21 56 | 0 3 | 2 35 |
| F 30 | 21s40 | 25n46 | 2n23 | 19s14 | 1n39 | 9s27 | 2n 3 | 10s30 | 1s11 | 13n24 | 0n50 | 9n39 | 1n38 | 21n56 | 0s 3 | 2s35 |

Julian Day Number = 2400715.5, Delta T = 7.68 sec
 Ecliptic obliquity = 23°27'31, Nutation = 0°00'14
 Ayanamsha: Fagan/Bradley = 22°47'49, Lahiri = 21°54'49

SWISS EPHEMERIS for the year 1860

DECEMBER 1860

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|--------|-------|--------|--------|-------|--------|-------|------|-------|
| S 1 | 4 40 17 | 9♁ 4'38 | 9♁ 7 | 2°R13 | 0m.56 | 6♁27 | 26♁48 | 9m.12 | 10°R 2 | 26°R37 | 7°R58 | 23°R27 | 25♁ 5 | 4♁ 1 | 23≈ 7 |
| S 2 | 4 44 14 | 10° 5'29 | 22°25 | 1♁ 7 | 2° 8 | 7° 7 | 26°50 | 9°14 | 10II 0 | 26♁36 | 7♁57 | 23°D26 | 25° 1 | 4° 8 | 23° 9 |
| M 3 | 4 48 10 | 11° 6'22 | 5♁53 | 0°10 | 3°21 | 7°47 | 26°52 | 9°16 | 9°57 | 26°36 | 7°56 | 23♁26 | 24°58 | 4°14 | 23°11 |
| T 4 | 4 52 7 | 12° 7'16 | 19°32 | 29m.24 | 4°34 | 8°27 | 26°54 | 9°18 | 9°55 | 26°36 | 7°55 | 23°28 | 24°55 | 4°21 | 23°13 |
| W 5 | 4 56 3 | 13° 8'12 | 3m.23 | 28°49 | 5°46 | 9° 7 | 26°56 | 9°20 | 9°52 | 26°36 | 7°54 | 23°29 | 24°52 | 4°28 | 23°15 |
| T 6 | 5 0 0 | 14° 9'09 | 17°25 | 28°26 | 6°59 | 9°47 | 26°57 | 9°21 | 9°50 | 26°36 | 7°53 | 23°R29 | 24°49 | 4°35 | 23°17 |
| F 7 | 5 3 57 | 15°10'06 | 1♁37 | 28°14 | 8°12 | 10°27 | 26°58 | 9°23 | 9°47 | 26°36 | 7°52 | 23°28 | 24°46 | 4°41 | 23°19 |
| S 8 | 5 7 53 | 16°11'06 | 15°58 | 28°D12 | 9°25 | 11° 7 | 26°59 | 9°24 | 9°44 | 26°D36 | 7°51 | 23°25 | 24°42 | 4°48 | 23°21 |
| S 9 | 5 11 50 | 17°12'06 | 0m.24 | 28°21 | 10°38 | 11°47 | 27° 0 | 9°25 | 9°42 | 26°36 | 7°51 | 23°21 | 24°39 | 4°55 | 23°23 |
| M10 | 5 15 46 | 18°13'08 | 14°50 | 28°38 | 11°52 | 12°27 | 27° 1 | 9°27 | 9°39 | 26°36 | 7°50 | 23°15 | 24°36 | 5° 1 | 23°26 |
| T 11 | 5 19 43 | 19°14'10 | 29°11 | 29° 4 | 13° 5 | 13° 7 | 27° 1 | 9°28 | 9°37 | 26°36 | 7°49 | 23° 9 | 24°33 | 5° 8 | 23°28 |
| W12 | 5 23 39 | 20°15'14 | 13♁21 | 29°38 | 14°18 | 13°48 | 27° 2 | 9°28 | 9°34 | 26°36 | 7°48 | 23° 4 | 24°30 | 5°15 | 23°30 |
| T 13 | 5 27 36 | 21°16'18 | 27°15 | 0♁19 | 15°31 | 14°28 | 27°R 2 | 9°29 | 9°32 | 26°36 | 7°47 | 23° 1 | 24°27 | 5°22 | 23°33 |
| F 14 | 5 31 32 | 22°17'23 | 10♁49 | 1° 5 | 16°45 | 15° 9 | 27° 2 | 9°30 | 9°30 | 26°37 | 7°47 | 22°58 | 24°23 | 5°28 | 23°35 |
| S 15 | 5 35 29 | 23°18'29 | 24° 2 | 1°57 | 17°58 | 15°49 | 27° 1 | 9°31 | 9°27 | 26°37 | 7°46 | 22°D58 | 24°20 | 5°35 | 23°38 |
| S 16 | 5 39 26 | 24°19'35 | 6≈53 | 2°53 | 19°12 | 16°30 | 27° 1 | 9°31 | 9°25 | 26°37 | 7°45 | 22°58 | 24°17 | 5°42 | 23°40 |
| M17 | 5 43 22 | 25°20'41 | 19°25 | 3°54 | 20°25 | 17°10 | 27° 0 | 9°32 | 9°22 | 26°37 | 7°44 | 23° 0 | 24°14 | 5°48 | 23°43 |
| T 18 | 5 47 19 | 26°21'48 | 1♁40 | 4°58 | 21°39 | 17°51 | 26°59 | 9°32 | 9°20 | 26°38 | 7°44 | 23° 2 | 24°11 | 5°55 | 23°46 |
| W19 | 5 51 15 | 27°22'55 | 13°42 | 6° 5 | 22°53 | 18°32 | 26°58 | 9°32 | 9°17 | 26°38 | 7°43 | 23° 3 | 24° 7 | 6° 2 | 23°48 |
| T 20 | 5 55 12 | 28°24'02 | 25°37 | 7°15 | 24° 6 | 19°12 | 26°57 | 9°R32 | 9°15 | 26°38 | 7°42 | 23°R 4 | 24° 4 | 6° 9 | 23°51 |
| F 21 | 5 59 8 | 29°25'09 | 7♁29 | 8°28 | 25°20 | 19°53 | 26°55 | 9°32 | 9°13 | 26°39 | 7°42 | 23° 4 | 24° 1 | 6°15 | 23°54 |
| S 22 | 6 3 5 | 0♁26'16 | 19°22 | 9°42 | 26°34 | 20°34 | 26°53 | 9°32 | 9°10 | 26°39 | 7°41 | 23° 2 | 23°58 | 6°22 | 23°57 |
| S 23 | 6 7 1 | 1°27'24 | 1♁23 | 10°59 | 27°48 | 21°15 | 26°51 | 9°31 | 9° 8 | 26°40 | 7°40 | 23° 0 | 23°55 | 6°29 | 24° 0 |
| M24 | 6 10 58 | 2°28'32 | 13°33 | 12°17 | 29° 1 | 21°55 | 26°49 | 9°31 | 9° 6 | 26°40 | 7°40 | 22°57 | 23°52 | 6°35 | 24° 3 |
| T 25 | 6 14 55 | 3°29'40 | 25°58 | 13°36 | 0♁15 | 22°36 | 26°47 | 9°31 | 9° 4 | 26°41 | 7°39 | 22°54 | 23°48 | 6°42 | 24° 6 |
| W26 | 6 18 51 | 4°30'48 | 8II39 | 14°57 | 1°29 | 23°17 | 26°45 | 9°30 | 9° 1 | 26°42 | 7°39 | 22°51 | 23°45 | 6°49 | 24° 9 |
| T 27 | 6 22 48 | 5°31'56 | 21°36 | 16°19 | 2°43 | 23°58 | 26°42 | 9°29 | 8°59 | 26°42 | 7°38 | 22°48 | 23°42 | 6°56 | 24°12 |
| F 28 | 6 26 44 | 6°33'04 | 4♁51 | 17°42 | 3°57 | 24°39 | 26°39 | 9°28 | 8°57 | 26°43 | 7°38 | 22°47 | 23°39 | 7° 2 | 24°15 |
| S 29 | 6 30 41 | 7°34'13 | 18°22 | 19° 6 | 5°11 | 25°20 | 26°36 | 9°27 | 8°55 | 26°44 | 7°37 | 22°D46 | 23°36 | 7° 9 | 24°18 |
| S 30 | 6 34 37 | 8°35'21 | 2♁ 6 | 20°31 | 6°25 | 26° 1 | 26°33 | 9°26 | 8°53 | 26°44 | 7°37 | 22°46 | 23°33 | 7°16 | 24°21 |
| MB1 | 6 38 34 | 9♁36'30 | 16♁ 2 | 21♁57 | 7♁39 | 26♁42 | 26♁29 | 9m.25 | 8II51 | 26♁45 | 7♁36 | 22♁47 | 23♁29 | 7♁23 | 24≈25 |

| Day | ☉ | | ☽ | | ♀ | | ♁ | | ♂ | | ♃ | | ♅ | | ♁ | | ♁ | | ♁ | | ♁ | | | |
|------|----------|-------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|------|------|-------|-------|-------|------|------|------|
| | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | | |
| S 1 | 21s50 | 24n25 | 1n17 | 18s44 | 1n55 | 9s52 | 2n 4 | 10s14 | 1s10 | 13n23 | 0n51 | 9n38 | 1n38 | 21n56 | 0s 3 | 2s35 | 1s21 | 1s25 | 16s26 | 21s25 | 21s 8 | 6n 0 | 8s 3 | 6n 6 |
| S 2 | 21 59 | 21 41 | 0 6 | 18 18 | 2 9 | 10 17 | 2 4 | 9 57 | 1 8 | 13 22 | 0 51 | 9 38 | 1 38 | 21 55 | 0 3 | 2 35 | 1 21 | 1 25 | 16 26 | 21 25 | 21 9 | 6 3 | 8 2 | 6 6 |
| M 3 | 22 8 | 17 44 | 1s 7 | 17 55 | 2 20 | 10 42 | 2 4 | 9 41 | 1 6 | 13 22 | 0 51 | 9 37 | 1 38 | 21 55 | 0 3 | 2 35 | 1 20 | 1 25 | 16 26 | 21 25 | 21 9 | 6 6 | 8 2 | 6 6 |
| T 4 | 22 16 | 12 48 | 2 17 | 17 36 | 2 30 | 11 7 | 2 3 | 9 24 | 1 4 | 13 22 | 0 51 | 9 37 | 1 39 | 21 54 | 0 3 | 2 35 | 1 20 | 1 25 | 16 26 | 21 25 | 21 10 | 6 9 | 8 2 | 6 5 |
| W 5 | 22 24 | 7 10 | 3 20 | 17 22 | 2 37 | 11 31 | 2 3 | 9 8 | 1 2 | 13 21 | 0 52 | 9 36 | 1 39 | 21 54 | 0 3 | 2 35 | 1 20 | 1 25 | 16 25 | 21 25 | 21 10 | 6 12 | 8 2 | 6 5 |
| T 6 | 22 31 | 1 7 | 4 11 | 17 12 | 2 42 | 11 55 | 2 3 | 8 51 | 1 1 | 13 21 | 0 52 | 9 36 | 1 39 | 21 54 | 0 3 | 2 35 | 1 20 | 1 25 | 16 25 | 21 25 | 21 11 | 6 15 | 8 1 | 6 4 |
| F 7 | 22 38 | 5s 3 | 4 49 | 17 6 | 2 45 | 12 19 | 2 2 | 8 34 | 0 59 | 13 21 | 0 52 | 9 36 | 1 39 | 21 53 | 0 3 | 2 35 | 1 20 | 1 25 | 16 25 | 21 25 | 21 11 | 6 18 | 8 1 | 6 4 |
| S 8 | 22 44 | 11 1 | 5 8 | 17 5 | 2 46 | 12 43 | 2 2 | 8 17 | 0 57 | 13 21 | 0 52 | 9 35 | 1 40 | 21 53 | 0 3 | 2 35 | 1 20 | 1 25 | 16 25 | 21 26 | 21 12 | 6 21 | 8 1 | 6 4 |
| S 9 | 22 51 | 16 26 | 5 8 | 17 7 | 2 46 | 13 6 | 2 1 | 8 0 | 0 56 | 13 21 | 0 53 | 9 35 | 1 40 | 21 53 | 0 3 | 2 35 | 1 20 | 1 25 | 16 24 | 21 26 | 21 13 | 6 24 | 8 1 | 6 3 |
| M10 | 22 56 | 20 54 | 4 49 | 17 12 | 2 44 | 13 29 | 2 1 | 7 43 | 0 54 | 13 21 | 0 53 | 9 35 | 1 40 | 21 52 | 0 3 | 2 35 | 1 20 | 1 25 | 16 24 | 21 27 | 21 13 | 6 27 | 8 0 | 6 3 |
| T 11 | 23 1 24 | 5 4 | 12 17 | 21 2 | 2 41 | 13 52 | 2 0 | 7 26 | 0 52 | 13 21 | 0 53 | 9 35 | 1 40 | 21 52 | 0 3 | 2 35 | 1 20 | 1 25 | 16 24 | 21 28 | 21 14 | 6 30 | 8 0 | 6 3 |
| W12 | 23 6 25 | 43 3 | 19 17 | 31 2 | 2 37 | 14 15 | 1 59 | 7 9 | 0 51 | 13 21 | 0 53 | 9 35 | 1 41 | 21 52 | 0 3 | 2 35 | 1 20 | 1 25 | 16 24 | 21 29 | 21 14 | 6 33 | 7 59 | 6 2 |
| T 13 | 23 10 25 | 42 2 | 16 17 | 44 2 | 2 33 | 14 37 | 1 58 | 6 52 | 0 49 | 13 21 | 0 54 | 9 35 | 1 41 | 21 51 | 0 3 | 2 35 | 1 20 | 1 25 | 16 23 | 21 30 | 21 15 | 6 36 | 7 59 | 6 2 |
| F 14 | 23 14 24 | 7 1 | 6 17 | 59 2 | 2 27 | 14 59 | 1 57 | 6 35 | 0 47 | 13 21 | 0 54 | 9 34 | 1 41 | 21 51 | 0 3 | 2 34 | 1 20 | 1 25 | 16 23 | 21 30 | 21 15 | 6 39 | 7 58 | 6 1 |
| S 15 | 23 17 21 | 13 0n | 6 18 | 15 2 | 2 21 | 15 20 | 1 56 | 6 18 | 0 46 | 13 22 | 0 54 | 9 34 | 1 41 | 21 50 | 0 3 | 2 34 | 1 20 | 1 25 | 16 23 | 21 30 | 21 16 | 6 42 | 7 58 | 6 1 |
| S 16 | 23 20 17 | 21 1 | 16 18 | 33 2 | 2 15 | 15 42 | 1 55 | 6 1 | 0 44 | 13 22 | 0 54 | 9 35 | 1 42 | 21 50 | 0 3 | 2 34 | 1 20 | 1 25 | 16 23 | 21 30 | 21 17 | 6 44 | 7 58 | 6 1 |
| M17 | 23 23 12 | 48 2 | 20 18 | 51 2 | 2 8 | 16 2 | 1 54 | 5 43 | 0 43 | 13 23 | 0 55 | 9 35 | 1 42 | 21 50 | 0 3 | 2 34 | 1 20 | 1 25 | 16 22 | 21 30 | 21 17 | 6 47 | 7 57 | 6 0 |
| T 18 | 23 24 7 | 50 3 | 17 19 | 10 2 | 1 16 | 23 1 | 1 52 | 5 26 | 0 41 | 13 23 | 0 55 | 9 35 | 1 42 | 21 49 | 0 3 | 2 34 | 1 20 | 1 25 | 16 22 | 21 29 | 21 18 | 6 50 | 7 56 | 6 0 |
| W19 | 23 26 2 | 40 4 | 3 19 | 29 1 | 1 53 | 16 43 | 1 51 | 5 9 | 0 40 | 13 24 | 0 55 | 9 35 | 1 42 | 21 49 | 0 3 | 2 34 | 1 20 | 1 25 | 16 22 | 21 29 | 21 18 | 6 53 | 7 56 | 6 0 |
| T 20 | 23 27 2n | 32 4 | 39 19 | 48 1 | 1 46 | 17 3 | 1 49 | 4 52 | 0 38 | 13 25 | 0 55 | 9 35 | 1 43 | 21 49 | 0 3 | 2 33 | 1 20 | 1 25 | 16 22 | 21 29 | 21 19 | 6 56 | 7 55 | 5 59 |
| F 21 | 23 27 7 | 36 5 | 3 20 | 7 1 | 1 38 | 17 22 | 1 48 | 4 34 | 0 37 | 13 25 | 0 56 | 9 35 | 1 43 | 21 48 | 0 3 | 2 33 | 1 20 | 1 25 | 16 21 | 21 29 | 21 19 | 6 59 | 7 55 | 5 59 |
| S 22 | 23 27 12 | 25 5 | 14 20 | 27 1 | 1 30 | 17 41 | 1 46 | 4 17 | 0 35 | 13 26 | 0 56 | 9 36 | 1 43 | 21 48 | 0 3 | 2 33 | 1 20 | 1 25 | 16 21 | 21 29 | 21 20 | 7 2 | 7 54 | 5 59 |
| S 23 | 23 27 16 | 49 5 | 11 20 | 45 1 | 1 22 | 17 59 | 1 45 | 3 59 | 0 34 | 13 27 | 0 56 | 9 36 | 1 43 | 21 48 | 0 3 | 2 33 | 1 20 | 1 25 | 16 21 | 21 30 | 21 20 | 7 5 | 7 54 | 5 58 |
| M24 | 23 26 20 | 36 4 | 5 55 | 21 4 | 1 14 | 18 17 | 1 43 | 3 42 | 0 32 | 13 28 | 0 56 | 9 36 | 1 44 | 21 47 | 0 3 | 2 32 | 1 20 | 1 25 | 16 20 | 21 30 | 21 21 | 7 8 | 7 53 | 5 58 |
| T 25 | 23 25 23 | 32 4 | 24 21 | 22 1 | 1 6 | 18 34 | 1 41 | 3 24 | 0 31 | 13 29 | 0 57 | 9 37 | 1 44 | 21 47 | 0 3 | 2 32 | 1 20 | 1 25 | 16 20 | 21 31 | 21 22 | 7 11 | 7 52 | 5 58 |
| W26 | 23 23 25 | 23 3 | 40 21 | 39 0 | 0 57 | 18 51 | 1 39 | 3 7 | 0 29 | 13 30 | 0 57 | 9 37 | 1 44 | 21 47 | 0 3 | 2 32 | 1 20 | 1 25 | 16 20 | 21 31 | 21 22 | 7 14 | 7 52 | 5 57 |
| T 27 | 23 21 25 | 55 2 | 44 21 | 56 0 | 0 49 | 19 8 | 1 37 | 2 49 | 0 28 | 13 31 | 0 57 | 9 38 | 1 44 | 21 46 | 0 3 | 2 32 | 1 20 | 1 24 | 16 19 | 21 32 | 21 23 | 7 17 | 7 51 | 5 57 |
| F 28 | 23 18 24 | 59 1 | 37 22 | 12 0 | 0 41 | 19 24 | 1 35 | 2 32 | 0 26 | 13 32 | 0 57 | 9 38 | 1 45 | 21 46 | 0 3 | 2 31 | 1 19 | 1 24 | 16 19 | 21 32 | 21 23 | 7 19 | 7 50 | 5 57 |
| S 29 | 23 15 22 | 36 0 | 24 22 | 28 0 | 0 33 | 19 39 | 1 33 | 2 14 | | | | | | | | | | | | | | | | |