

SWISS EPHEMERIS for the year 1627

JANUARY 1627GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|---------|-----------|--------|--------|---------|--------|---------|---------|--------|--------|--------|--------|--------|--------|---------|---|
| F 1 | 6 41 12 | 10°26'07 | 29II22 | 26♁ 3 | 26♁ 0 | 7♁52 | 23II28 | 28III32 | 0°R49 | 26♁50 | 17°R16 | 17°R45 | 19II15 | 26♁ 1 | 25II 9 | |
| S 2 | 6 45 9 | 11°27'16 | 13♁24 | 27°35 | 26°49 | 8°34 | 23°39 | 28°33 | 0III48 | 26°51 | 17°16 | 17II40 | 19°12 | 26° 7 | 25°10 | |
| S 3 | 6 49 5 | 12°28'25 | 27° 7 | 29° 6 | 27°37 | 9°17 | 23°50 | 28°34 | 0°47 | 26°52 | 17°15 | 17°36 | 19° 9 | 26°14 | 25°12 | |
| M 4 | 6 53 2 | 13°29'34 | 10II28 | 0III35 | 28°24 | 9°59 | 24° 1 | 28°34 | 0°45 | 26°53 | 17°15 | 17°35 | 19° 6 | 26°21 | 25°13 | |
| T 5 | 6 56 59 | 14°30'42 | 23°28 | 2° 1 | 29°10 | 10°42 | 24°11 | 28°35 | 0°44 | 26°53 | 17°14 | 17°D34 | 19° 2 | 26°27 | 25°15 | |
| W 6 | 7 0 55 | 15°31'50 | 6III 6 | 3°26 | 29°55 | 11°25 | 24°22 | 28°35 | 0°42 | 26°54 | 17°14 | 17°36 | 18°59 | 26°34 | 25°17 | |
| T 7 | 7 4 52 | 16°32'58 | 18°27 | 4°46 | 0III39 | 12° 7 | 24°32 | 28°35 | 0°41 | 26°55 | 17°13 | 17°37 | 18°56 | 26°41 | 25°18 | |
| F 8 | 7 8 48 | 17°34'06 | 0II33 | 6° 4 | 1°22 | 12°50 | 24°43 | 28°R35 | 0°39 | 26°56 | 17°12 | 17°39 | 18°53 | 26°48 | 25°20 | |
| S 9 | 7 12 45 | 18°35'14 | 12°30 | 7°17 | 2° 4 | 13°33 | 24°53 | 28°35 | 0°37 | 26°56 | 17°12 | 17°40 | 18°50 | 26°54 | 25°22 | |
| S 10 | 7 16 41 | 19°36'22 | 24°22 | 8°25 | 2°45 | 14°16 | 25° 3 | 28°35 | 0°35 | 26°57 | 17°12 | 17°R40 | 18°47 | 27° 1 | 25°24 | |
| M11 | 7 20 38 | 20°37'29 | 6III14 | 9°27 | 3°24 | 14°58 | 25°13 | 28°34 | 0°34 | 26°58 | 17°11 | 17°39 | 18°43 | 27° 8 | 25°26 | |
| T 12 | 7 24 34 | 21°38'36 | 18°11 | 10°23 | 4° 3 | 15°41 | 25°23 | 28°34 | 0°32 | 26°58 | 17°11 | 17°37 | 18°40 | 27°14 | 25°28 | |
| W13 | 7 28 31 | 22°39'43 | 0III17 | 11°11 | 4°39 | 16°24 | 25°33 | 28°33 | 0°30 | 26°59 | 17°10 | 17°33 | 18°37 | 27°21 | 25°30 | |
| T 14 | 7 32 28 | 23°40'49 | 12°37 | 11°51 | 5°15 | 17° 7 | 25°43 | 28°33 | 0°28 | 26°59 | 17°10 | 17°29 | 18°34 | 27°28 | 25°32 | |
| F 15 | 7 36 24 | 24°41'55 | 25°11 | 12°21 | 5°49 | 17°50 | 25°53 | 28°32 | 0°26 | 27° 0 | 17°10 | 17°25 | 18°31 | 27°35 | 25°34 | |
| S 16 | 7 40 21 | 25°43'01 | 8♁ 2 | 12°42 | 6°22 | 18°33 | 26° 2 | 28°31 | 0°24 | 27° 0 | 17° 9 | 17°22 | 18°28 | 27°41 | 25°36 | |
| S 17 | 7 44 17 | 26°44'06 | 21°10 | 12°R52 | 6°53 | 19°16 | 26°12 | 28°30 | 0°22 | 27° 0 | 17° 9 | 17°19 | 18°24 | 27°48 | 25°38 | |
| M18 | 7 48 14 | 27°45'10 | 4III35 | 12°50 | 7°23 | 19°59 | 26°21 | 28°29 | 0°20 | 27° 1 | 17° 9 | 17°18 | 18°21 | 27°55 | 25°41 | |
| T 19 | 7 52 10 | 28°46'13 | 18°13 | 12°38 | 7°51 | 20°42 | 26°30 | 28°28 | 0°18 | 27° 1 | 17° 8 | 17°D17 | 18°18 | 28° 1 | 25°43 | |
| W20 | 7 56 7 | 29°47'15 | 2II 4 | 12°13 | 8°17 | 21°25 | 26°39 | 28°27 | 0°16 | 27° 1 | 17° 8 | 17°18 | 18°15 | 28° 8 | 25°45 | |
| T 21 | 8 0 3 | 0III48'16 | 16° 4 | 11°38 | 8°42 | 22° 8 | 26°48 | 28°25 | 0°14 | 27° 2 | 17° 8 | 17°19 | 18°12 | 28°15 | 25°48 | |
| F 22 | 8 4 0 | 1°49'17 | 0III10 | 10°52 | 9° 4 | 22°52 | 26°57 | 28°24 | 0°12 | 27° 2 | 17° 8 | 17°20 | 18° 8 | 28°22 | 25°50 | |
| S 23 | 8 7 57 | 2°50'15 | 14°20 | 9°57 | 9°25 | 23°35 | 27° 6 | 28°22 | 0° 9 | 27° 2 | 17° 8 | 17°21 | 18° 5 | 28°28 | 25°53 | |
| S 24 | 8 11 53 | 3°51'13 | 28°31 | 8°54 | 9°44 | 24°18 | 27°15 | 28°21 | 0° 7 | 27° 2 | 17° 7 | 17°R22 | 18° 2 | 28°35 | 25°55 | |
| M25 | 8 15 50 | 4°52'09 | 12II42 | 7°45 | 10° 0 | 25° 1 | 27°23 | 28°19 | 0° 5 | 27° 2 | 17° 7 | 17°22 | 17°59 | 28°42 | 25°58 | |
| T 26 | 8 19 46 | 5°53'04 | 26°50 | 6°33 | 10°15 | 25°45 | 27°32 | 28°17 | 0° 2 | 27° 3 | 17° 7 | 17°21 | 17°56 | 28°48 | 26° 0 | |
| W27 | 8 23 43 | 6°53'58 | 10II53 | 5°19 | 10°27 | 26°28 | 27°40 | 28°15 | 0° 0 | 27° 3 | 17° 7 | 17°20 | 17°53 | 28°55 | 26° 3 | |
| T 28 | 8 27 39 | 7°54'51 | 24°49 | 4° 5 | 10°37 | 27°11 | 27°48 | 28°13 | 29II58 | 27°R 3 | 17° 7 | 17°19 | 17°49 | 29° 2 | 26° 6 | |
| F 29 | 8 31 36 | 8°55'42 | 8II35 | 2°54 | 10°45 | 27°55 | 27°56 | 28°11 | 29°55 | 27° 3 | 17° 7 | 17°17 | 17°46 | 29° 9 | 26° 8 | |
| S 30 | 8 35 33 | 9°56'31 | 22° 8 | 1°46 | 10°51 | 28°38 | 28° 4 | 28° 9 | 29°53 | 27° 3 | 17° 7 | 17°17 | 17°43 | 29°15 | 26°11 | |
| S 31 | 8 39 29 | 10°57'20 | 5II28 | 0III45 | 10III54 | 29°R22 | 28III12 | 28III 6 | 29II51 | 27II 2 | 17°D 7 | 17II16 | 17II40 | 29II22 | 26III44 | |

Delta T = 92.40 sec.

Greg. Calendar

FEBRUARY 1627GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|----------|-----------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|---------|---|
| M 1 | 8 43 26 | 11°58'07 | 18II32 | 29°R50 | 10°R54 | 0III 5 | 28III19 | 28°R 4 | 29°R48 | 27°R 2 | 17II 7 | 17II16 | 17II37 | 29II29 | 26III17 | |
| T 2 | 8 47 22 | 12°58'53 | 1III21 | 29III 3 | 10III52 | 0°49 | 28°27 | 28III 1 | 29II46 | 27II 2 | 17° 7 | 17°16 | 17°34 | 29°35 | 26°20 | |
| W 3 | 8 51 19 | 13°59'38 | 13°53 | 28°24 | 10°48 | 1°32 | 28°34 | 27°59 | 29°43 | 27° 2 | 17° 7 | 17°16 | 17°30 | 29°42 | 26°22 | |
| T 4 | 8 55 15 | 15° 0'21 | 26°12 | 27°54 | 10°41 | 2°16 | 28°41 | 27°56 | 29°41 | 27° 2 | 17° 7 | 17°17 | 17°27 | 29°49 | 26°25 | |
| F 5 | 8 59 12 | 16° 1'04 | 8II18 | 27°31 | 10°31 | 2°59 | 28°48 | 27°53 | 29°38 | 27° 2 | 17° 7 | 17°17 | 17°24 | 29°56 | 26°28 | |
| S 6 | 9 3 8 | 17° 1'45 | 20°16 | 27°16 | 10°19 | 3°43 | 28°55 | 27°50 | 29°36 | 27° 1 | 17° 7 | 17°R17 | 17°21 | 0III 2 | 26°31 | |
| S 7 | 9 7 5 | 18° 2'25 | 2III 9 | 27°D 9 | 10° 5 | 4°27 | 29° 2 | 27°47 | 29°33 | 27° 1 | 17° 7 | 17°17 | 17°18 | 0° 9 | 26°34 | |
| M 8 | 9 11 1 | 19° 3'04 | 14° 2 | 27°10 | 9°48 | 5°10 | 29° 9 | 27°44 | 29°31 | 27° 1 | 17° 8 | 17°D17 | 17°14 | 0°16 | 26°37 | |
| T 9 | 9 14 58 | 20° 3'41 | 25°58 | 27°17 | 9°29 | 5°54 | 29°15 | 27°41 | 29°28 | 27° 0 | 17° 8 | 17°17 | 17°11 | 0°22 | 26°40 | |
| W10 | 9 18 55 | 21° 4'18 | 8II 4 | 27°31 | 9° 7 | 6°38 | 29°22 | 27°38 | 29°25 | 27° 0 | 17° 8 | 17°17 | 17° 8 | 0°29 | 26°44 | |
| T 11 | 9 22 51 | 22° 4'53 | 20°23 | 27°51 | 8°43 | 7°22 | 29°28 | 27°34 | 29°23 | 26°59 | 17° 8 | 17°18 | 17° 5 | 0°36 | 26°47 | |
| F 12 | 9 26 48 | 23° 5'27 | 2III59 | 28°17 | 8°17 | 8° 6 | 29°34 | 27°31 | 29°20 | 26°59 | 17° 8 | 17°18 | 17° 2 | 0°43 | 26°50 | |
| S 13 | 9 30 44 | 24° 6'00 | 15°55 | 28°48 | 7°49 | 8°49 | 29°40 | 27°27 | 29°18 | 26°58 | 17° 9 | 17°19 | 16°59 | 0°49 | 26°53 | |
| S 14 | 9 34 41 | 25° 6'32 | 29°14 | 29°23 | 7°19 | 9°33 | 29°45 | 27°24 | 29°15 | 26°58 | 17° 9 | 17°19 | 16°55 | 0°56 | 26°56 | |
| M15 | 9 38 37 | 26° 7'01 | 12III55 | 0III 3 | 6°48 | 10°17 | 29°51 | 27°20 | 29°12 | 26°57 | 17° 9 | 17°R20 | 16°52 | 1° 3 | 27° 0 | |
| T 16 | 9 42 34 | 27° 7'30 | 26°56 | 0°47 | 6°14 | 11° 1 | 29°56 | 27°17 | 29°10 | 26°57 | 17°10 | 17°20 | 16°49 | 1° 9 | 27° 3 | |
| W17 | 9 46 30 | 28° 7'56 | 11III14 | 1°35 | 5°40 | 11°45 | 0III 2 | 27°13 | 29° 7 | 26°56 | 17°10 | 17°19 | 16°46 | 1°16 | 27° 6 | |
| T 18 | 9 50 27 | 29° 8'21 | 25°43 | 2°26 | 5° 4 | 12°29 | 0° 7 | 27° 9 | 29° 4 | 26°55 | 17°10 | 17°18 | 16°43 | 1°23 | 27°10 | |
| F 19 | 9 54 24 | 0III 8'44 | 10III18 | 3°21 | 4°28 | 13°13 | 0°12 | 27° 5 | 29° 2 | 26°55 | 17°11 | 17°16 | 16°39 | 1°30 | 27°13 | |
| S 20 | 9 58 20 | 1° 9'05 | 24°53 | 4°18 | 3°51 | 13°57 | 0°16 | 27° 1 | 28°59 | 26°54 | 17°11 | 17°15 | 16°36 | 1°36 | 27°16 | |
| S 21 | 10 2 17 | 2° 9'24 | 9II21 | 5°18 | 3°14 | 14°41 | 0°21 | 26°57 | 28°57 | 26°53 | 17°12 | 17°13 | 16°33 | 1°43 | 27°20 | |
| M22 | 10 6 13 | 3° 9'41 | 23°40 | 6°21 | 2°36 | 15°26 | 0°25 | 26°53 | 28°54 | 26°52 | 17°12 | 17°12 | 16°30 | 1°50 | 27°23 | |
| T 23 | 10 10 10 | 4° 9'56 | 7II45 | 7°26 | 1°59 | 16°10 | 0°30 | 26°49 | 28°51 | 26°52 | 17°13 | 17°D12 | 16°27 | 1°56 | 27°26 | |
| W24 | 10 14 6 | 5°10'09 | 21°35 | 8°34 | 1°21 | 16°54 | 0°34 | 26°45 | 28°49 | 26°51 | 17°13 | 17°13 | 16°24 | 2° 3 | 27°30 | |
| T 25 | 10 18 3 | 6°10'20 | 5II21 | 9°43 | 0°45 | 17°38 | 0°38 | 26°41 | 28°46 | 26°50 | 17°14 | 17°14 | 16°20 | 2°10 | 27°33 | |
| F 26 | 10 21 59 | 7°10'29 | 18°32 | 10°55 | 0° 9 | 18°22 | 0°41 | 26°36 | 28°44 | 26°49 | 17°14 | 17°15 | 16°17 | 2°17 | 27°37 | |
| S 27 | 10 25 56 | 8°10'36 | 1II40 | 12° 8 | 29III35 | 19° 6 | 0°45 | 26°32 | 28°41 | 26°48 | 17°15 | 17°17 | 16°14 | 2°23 | 27°40 | |
| S 28 | 10 29 53 | 9III10'41 | 14II35 | 13III23 | 29III 2 | 19III51 | 0III48 | 26III28 | 28II38 | 26II47 | 17II15 | 17°R17 | 16II11 | 2III30 | 27III44 | |

Delta T = 92.08 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1627

MARCH 1627GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|-----|----------|----------|-------|-------|--------|-------|-------|--------|--------|--------|-------|--------|-------|------|-------|---|---|
| M 1 | 10 33 49 | 10X10'43 | 27Ω17 | 14≈40 | 28°R30 | 20Z35 | 0x752 | 26°R23 | 28°R36 | 26°R46 | 17B16 | 17°R17 | 16Ω 8 | 2M37 | 27K47 | | |
| T 2 | 10 37 46 | 11°10'44 | 9M49 | 15°58 | 28≈ 0 | 21°19 | 0°55 | 26M19 | 28Ω33 | 26Δ45 | 17°17 | 17Ω15 | 16° 5 | 2°44 | 27°51 | | |
| W 3 | 10 41 42 | 12°10'43 | 22° 9 | 17°19 | 27°32 | 22° 4 | 0°57 | 26°14 | 28°31 | 26°44 | 17°17 | 17°12 | 16° 1 | 2°50 | 27°55 | | |
| T 4 | 10 45 39 | 13°10'39 | 4Δ20 | 18°40 | 27° 6 | 22°48 | 1° 0 | 26°10 | 28°28 | 26°43 | 17°18 | 17° 9 | 15°58 | 2°57 | 27°58 | | |
| F 5 | 10 49 35 | 14°10'34 | 16°23 | 20° 3 | 26°42 | 23°32 | 1° 3 | 26° 5 | 28°26 | 26°42 | 17°19 | 17° 4 | 15°55 | 3° 4 | 28° 2 | | |
| S 6 | 10 53 32 | 15°10'28 | 28°20 | 21°28 | 26°21 | 24°17 | 1° 5 | 26° 1 | 28°23 | 26°41 | 17°19 | 16°59 | 15°52 | 3°10 | 28° 5 | | |
| S 7 | 10 57 28 | 16°10'19 | 10M12 | 22°54 | 26° 1 | 25° 1 | 1° 7 | 25°56 | 28°21 | 26°40 | 17°20 | 16°54 | 15°49 | 3°17 | 28° 9 | | |
| M 8 | 11 1 25 | 17°10'09 | 22° 4 | 24°21 | 25°44 | 25°46 | 1° 9 | 25°51 | 28°18 | 26°39 | 17°21 | 16°50 | 15°45 | 3°24 | 28°13 | | |
| T 9 | 11 5 22 | 18° 9'57 | 4x7 0 | 25°49 | 25°30 | 26°30 | 1°11 | 25°47 | 28°16 | 26°37 | 17°21 | 16°48 | 15°42 | 3°31 | 28°16 | | |
| W10 | 11 9 18 | 19° 9'43 | 16° 3 | 27°19 | 25°18 | 27°15 | 1°12 | 25°42 | 28°13 | 26°36 | 17°22 | 16°D47 | 15°39 | 3°37 | 28°20 | | |
| T11 | 11 13 15 | 20° 9'28 | 28°18 | 28°50 | 25° 9 | 27°59 | 1°14 | 25°37 | 28°11 | 26°35 | 17°23 | 16°47 | 15°36 | 3°44 | 28°23 | | |
| F12 | 11 17 11 | 21° 9'11 | 10Z51 | 0K23 | 25° 2 | 28°44 | 1°15 | 25°33 | 28° 9 | 26°34 | 17°24 | 16°48 | 15°33 | 3°51 | 28°27 | | |
| S13 | 11 21 8 | 22° 8'52 | 23°45 | 1°57 | 24°57 | 29°28 | 1°16 | 25°28 | 28° 6 | 26°32 | 17°25 | 16°50 | 15°30 | 3°57 | 28°31 | | |
| S14 | 11 25 4 | 23° 8'31 | 7≈ 3 | 3°32 | 24°D55 | 0≈13 | 1°17 | 25°23 | 28° 4 | 26°31 | 17°25 | 16°51 | 15°26 | 4° 4 | 28°34 | | |
| M15 | 11 29 1 | 24° 8'09 | 20°48 | 5° 8 | 24°55 | 0°57 | 1°17 | 25°19 | 28° 2 | 26°30 | 17°26 | 16°R52 | 15°23 | 4°11 | 28°38 | | |
| T16 | 11 32 57 | 25° 7'45 | 5K 0 | 6°46 | 24°58 | 1°42 | 1°18 | 25°14 | 28° 0 | 26°29 | 17°27 | 16°50 | 15°20 | 4°18 | 28°42 | | |
| W17 | 11 36 54 | 26° 7'18 | 19°35 | 8°25 | 25° 3 | 2°27 | 1°18 | 25° 9 | 27°57 | 26°27 | 17°28 | 16°47 | 15°17 | 4°24 | 28°45 | | |
| T18 | 11 40 50 | 27° 6'50 | 4Y28 | 10° 5 | 25°11 | 3°11 | 1°R18 | 25° 4 | 27°55 | 26°26 | 17°29 | 16°42 | 15°14 | 4°31 | 28°49 | | |
| F19 | 11 44 47 | 28° 6'20 | 19°29 | 11°46 | 25°20 | 3°56 | 1°18 | 25° 0 | 27°53 | 26°24 | 17°30 | 16°36 | 15°11 | 4°38 | 28°53 | | |
| S20 | 11 48 44 | 29° 5'47 | 4B30 | 13°29 | 25°32 | 4°41 | 1°18 | 24°55 | 27°51 | 26°23 | 17°31 | 16°30 | 15° 7 | 4°44 | 28°57 | | |
| S21 | 11 52 40 | 0Y 5'12 | 19°22 | 15°13 | 25°46 | 5°25 | 1°17 | 24°50 | 27°49 | 26°22 | 17°32 | 16°24 | 15° 4 | 4°51 | 29° 0 | | |
| M22 | 11 56 37 | 1° 4'35 | 3II58 | 16°58 | 26° 1 | 6°10 | 1°17 | 24°46 | 27°47 | 26°20 | 17°33 | 16°19 | 15° 1 | 4°58 | 29° 4 | | |
| T23 | 12 0 33 | 2° 3'56 | 18°12 | 18°45 | 26°19 | 6°55 | 1°16 | 24°41 | 27°45 | 26°19 | 17°34 | 16°16 | 14°58 | 5° 5 | 29° 8 | | |
| W24 | 12 4 30 | 3° 3'14 | 2B 3 | 20°33 | 26°39 | 7°40 | 1°15 | 24°36 | 27°43 | 26°17 | 17°35 | 16°D15 | 14°55 | 5°11 | 29°11 | | |
| T25 | 12 8 26 | 4° 2'30 | 15°32 | 22°23 | 27° 0 | 8°24 | 1°14 | 24°32 | 27°41 | 26°16 | 17°36 | 16°16 | 14°51 | 5°18 | 29°15 | | |
| F26 | 12 12 23 | 5° 1'44 | 28°41 | 24°13 | 27°24 | 9° 9 | 1°12 | 24°27 | 27°39 | 26°14 | 17°37 | 16°17 | 14°48 | 5°25 | 29°19 | | |
| S27 | 12 16 19 | 6° 0'55 | 11Ω32 | 26° 6 | 27°49 | 9°54 | 1°11 | 24°22 | 27°37 | 26°13 | 17°38 | 16°R18 | 14°45 | 5°32 | 29°22 | | |
| S28 | 12 20 16 | 7° 0'04 | 24° 9 | 27°59 | 28°15 | 10°39 | 1° 9 | 24°18 | 27°35 | 26°11 | 17°39 | 16°18 | 14°42 | 5°38 | 29°26 | | |
| M29 | 12 24 13 | 7°59'11 | 6M33 | 29°54 | 28°43 | 11°23 | 1° 7 | 24°13 | 27°33 | 26°10 | 17°40 | 16°16 | 14°39 | 5°45 | 29°30 | | |
| T30 | 12 28 9 | 8°58'15 | 18°49 | 1Y50 | 29°13 | 12° 8 | 1° 5 | 24° 9 | 27°31 | 26° 8 | 17°41 | 16°11 | 14°36 | 5°52 | 29°33 | | |
| W31 | 12 32 6 | 9Y57'17 | 0Δ57 | 3Y48 | 29≈45 | 12≈53 | 1x7 2 | 24M 4 | 27Ω30 | 26Δ 7 | 17B42 | 16Ω 4 | 14Ω32 | 5M58 | 29K37 | | |

Delta T = 91.78 sec.

Greg. Calendar

APRIL 1627GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|-----|----------|----------|--------|-------|-------|-------|-------|--------|--------|--------|-------|--------|-------|------|-------|---|---|
| T 1 | 12 36 2 | 10Y56'18 | 12Δ59 | 5Y47 | 0K17 | 13≈38 | 1°R 0 | 24°R 0 | 27°R28 | 26°R 5 | 17B43 | 15°R55 | 14Ω29 | 6M 5 | 29K40 | | |
| F 2 | 12 39 59 | 11°55'16 | 24°56 | 7°47 | 0°51 | 14°23 | 0x757 | 23M56 | 27Ω26 | 26Δ 4 | 17°44 | 15Ω45 | 14°26 | 6°12 | 29°44 | | |
| S 3 | 12 43 55 | 12°54'12 | 6M50 | 9°48 | 1°27 | 15° 7 | 0°54 | 23°51 | 27°25 | 26° 2 | 17°46 | 15°33 | 14°23 | 6°19 | 29°48 | | |
| S 4 | 12 47 52 | 13°53'06 | 18°42 | 11°51 | 2° 3 | 15°52 | 0°51 | 23°47 | 27°23 | 26° 0 | 17°47 | 15°23 | 14°20 | 6°25 | 29°51 | | |
| M 5 | 12 51 48 | 14°51'59 | 0x735 | 13°55 | 2°41 | 16°37 | 0°48 | 23°43 | 27°22 | 25°59 | 17°48 | 15°13 | 14°16 | 6°32 | 29°55 | | |
| T 6 | 12 55 45 | 15°50'49 | 12°31 | 15°59 | 3°20 | 17°22 | 0°44 | 23°39 | 27°20 | 25°57 | 17°49 | 15° 6 | 14°13 | 6°39 | 29°58 | | |
| W 7 | 12 59 42 | 16°49'38 | 24°33 | 18° 4 | 4° 1 | 18° 7 | 0°41 | 23°34 | 27°19 | 25°56 | 17°50 | 15° 1 | 14°10 | 6°45 | 0Y 2 | | |
| T 8 | 13 3 38 | 17°48'25 | 6B46 | 20°10 | 4°42 | 18°52 | 0°37 | 23°30 | 27°17 | 25°54 | 17°51 | 14°59 | 14° 7 | 6°52 | 0° 5 | | |
| F 9 | 13 7 35 | 18°47'11 | 19°15 | 22°17 | 5°24 | 19°37 | 0°33 | 23°26 | 27°16 | 25°52 | 17°53 | 14°D58 | 14° 4 | 6°59 | 0° 9 | | |
| S10 | 13 11 31 | 19°45'55 | 2≈ 3 | 24°23 | 6° 7 | 20°21 | 0°29 | 23°22 | 27°15 | 25°51 | 17°54 | 14°58 | 14° 1 | 7° 6 | 0°13 | | |
| S11 | 13 15 28 | 20°44'37 | 15°16 | 26°30 | 6°52 | 21° 6 | 0°25 | 23°18 | 27°13 | 25°49 | 17°55 | 14°R59 | 13°57 | 7°12 | 0°16 | | |
| M12 | 13 19 24 | 21°43'17 | 28°56 | 28°36 | 7°37 | 21°51 | 0°21 | 23°15 | 27°12 | 25°47 | 17°56 | 14°58 | 13°54 | 7°19 | 0°20 | | |
| T13 | 13 23 21 | 22°41'55 | 13K 5 | 0B42 | 8°23 | 22°36 | 0°16 | 23°11 | 27°11 | 25°46 | 17°57 | 14°55 | 13°51 | 7°26 | 0°23 | | |
| W14 | 13 27 17 | 23°40'32 | 27°42 | 2°46 | 9°10 | 23°21 | 0°11 | 23° 7 | 27°10 | 25°44 | 17°59 | 14°50 | 13°48 | 7°33 | 0°26 | | |
| T15 | 13 31 14 | 24°39'07 | 12Y42 | 4°50 | 9°58 | 24° 6 | 0° 6 | 23° 3 | 27° 9 | 25°43 | 18° 0 | 14°42 | 13°45 | 7°39 | 0°30 | | |
| F16 | 13 35 10 | 25°37'40 | 27°57 | 6°51 | 10°46 | 24°51 | 0° 1 | 23° 0 | 27° 8 | 25°41 | 18° 1 | 14°32 | 13°42 | 7°46 | 0°33 | | |
| S17 | 13 39 7 | 26°36'11 | 13B15 | 8°51 | 11°35 | 25°36 | 29M56 | 22°56 | 27° 7 | 25°39 | 18° 2 | 14°22 | 13°38 | 7°53 | 0°37 | | |
| S18 | 13 43 4 | 27°34'41 | 28°25 | 10°49 | 12°25 | 26°20 | 29°51 | 22°53 | 27° 6 | 25°38 | 18° 4 | 14°12 | 13°35 | 7°59 | 0°40 | | |
| M19 | 13 47 0 | 28°33'08 | 13II18 | 12°44 | 13°16 | 27° 5 | 29°46 | 22°49 | 27° 5 | 25°36 | 18° 5 | 14° 4 | 13°32 | 8° 6 | 0°43 | | |
| T20 | 13 50 57 | 29°31'33 | 27°46 | 14°37 | 14° 7 | 27°50 | 29°40 | 22°46 | 27° 4 | 25°34 | 18° 6 | 13°58 | 13°29 | 8°13 | 0°47 | | |
| W21 | 13 54 53 | 0B29'56 | 11B46 | 16°26 | 14°59 | 28°35 | 29°34 | 22°43 | 27° 4 | 25°33 | 18° 8 | 13°55 | 13°26 | 8°20 | 0°50 | | |
| T22 | 13 58 50 | 1°28'17 | 25°19 | 18°12 | 15°51 | 29°20 | 29°28 | 22°40 | 27° 3 | 25°31 | 18° 9 | 13°54 | 13°22 | 8°26 | 0°53 | | |
| F23 | 14 2 46 | 2°26'36 | 8Ω26 | 19°54 | 16°45 | 0K 5 | 29°22 | 22°37 | 27° 2 | 25°29 | 18°10 | 13°54 | 13°19 | 8°33 | 0°57 | | |
| S24 | 14 6 43 | 3°24'53 | 21°12 | 21°33 | 17°38 | 0°49 | 29°16 | 22°34 | 27° 2 | 25°28 | 18°11 | 13°54 | 13°16 | 8°40 | 1° 0 | | |
| S25 | 14 10 40 | 4°23'07 | 3M40 | 23° 8 | 18°32 | 1°34 | 29°10 | 22°31 | 27° 1 | 25°26 | 18°13 | 13°52 | 13°13 | 8°46 | 1° 3 | | |
| M26 | 14 14 36 | 5°21'20 | 15°55 | 24°39 | 19°27 | 2°19 | 29° 4 | 22°28 | 27° 1 | 25°25 | 18°14 | 13°49 | 13°10 | 8°53 | 1° 6 | | |
| T27 | 14 18 33 | 6°19'30 | 28° 1 | 26° 6 | 20°23 | 3° 4 | 28°57 | 22°25 | 27° 0 | 25°23 | 18°15 | 13°43 | 13° 7 | 9° 0 | 1° 9 | | |
| W28 | 14 22 29 | 7°17'39 | 10Δ 0 | 27°29 | 21°18 | 3°49 | 28°51 | 22°22 | 27° 0 | 25°21 | 18°17 | 13°34 | 13° 3 | 9° 7 | 1°13 | | |
| T29 | 14 26 26 | 8°15'46 | 21°55 | 28°48 | 22°15 | 4°33 | 28°44 | 22°20 | 26°59 | 25°20 | 18°18 | 13°22 | 13° 0 | 9°13 | 1°16 | | |
| F30 | 14 30 22 | 9B13'51 | 3M48 | 0II 2 | 23K11 | 5K18 | 28M37 | 22M17 | 26Ω59 | 25Δ18 | 18B19 | 13Ω 9 | 12Ω57 | 9M20 | 1Y19 | | |

Delta T = 91.44 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1627

MAY 1627GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|--------|--------|--------|--------|-------|--------|-------|-------|------|
| S 1 | 14 34 19 | 10♁11'54 | 15♁41 | 1♁12 | 24♁ 8 | 6♁ 3 | 28°R31 | 22°R15 | 26°R59 | 25°R17 | 18♁21 | 12°R54 | 12♁54 | 9♁27 | 1♁22 |
| S 2 | 14 38 15 | 11° 9'56 | 27°34 | 2°18 | 25° 6 | 6°47 | 28♁24 | 22♁13 | 26♁59 | 25♁15 | 18°22 | 12♁41 | 12°51 | 9°34 | 1°25 |
| M 3 | 14 42 12 | 12° 7'56 | 9♁30 | 3°19 | 26° 4 | 7°32 | 28°17 | 22°11 | 26°59 | 25°14 | 18°23 | 12°28 | 12°48 | 9°40 | 1°28 |
| T 4 | 14 46 8 | 13° 5'55 | 21°30 | 4°15 | 27° 2 | 8°17 | 28°10 | 22° 8 | 26°58 | 25°12 | 18°25 | 12°18 | 12°44 | 9°47 | 1°31 |
| W 5 | 14 50 5 | 14° 3'52 | 3♁36 | 5° 7 | 28° 1 | 9° 1 | 28° 3 | 22° 6 | 26°D58 | 25°10 | 18°26 | 12°11 | 12°41 | 9°54 | 1°34 |
| T 6 | 14 54 2 | 15° 1'48 | 15°52 | 5°54 | 29° 0 | 9°46 | 27°55 | 22° 4 | 26°59 | 25° 9 | 18°28 | 12° 7 | 12°38 | 10° 0 | 1°36 |
| F 7 | 14 57 58 | 15°59'43 | 28°21 | 6°36 | 0♁ 0 | 10°31 | 27°48 | 22° 3 | 26°59 | 25° 7 | 18°29 | 12° 5 | 12°35 | 10° 7 | 1°39 |
| S 8 | 15 1 55 | 16°57'36 | 11♁ 8 | 7°13 | 1° 0 | 11°15 | 27°41 | 22° 1 | 26°59 | 25° 6 | 18°30 | 12° 5 | 12°32 | 10°14 | 1°42 |
| S 9 | 15 5 51 | 17°55'28 | 24°16 | 7°46 | 2° 0 | 12° 0 | 27°33 | 21°59 | 26°59 | 25° 4 | 18°32 | 12° 5 | 12°28 | 10°21 | 1°45 |
| M10 | 15 9 48 | 18°53'19 | 7♁49 | 8°13 | 3° 0 | 12°44 | 27°26 | 21°58 | 26°59 | 25° 3 | 18°33 | 12° 4 | 12°25 | 10°27 | 1°48 |
| T 11 | 15 13 44 | 19°51'08 | 21°49 | 8°36 | 4° 1 | 13°29 | 27°18 | 21°56 | 26°59 | 25° 1 | 18°34 | 12° 1 | 12°22 | 10°34 | 1°50 |
| W12 | 15 17 41 | 20°48'57 | 6♁17 | 8°54 | 5° 2 | 14°13 | 27°11 | 21°55 | 27° 0 | 25° 0 | 18°36 | 11°56 | 12°19 | 10°41 | 1°53 |
| T 13 | 15 21 37 | 21°46'44 | 21° 9 | 9° 7 | 6° 4 | 14°58 | 27° 3 | 21°54 | 27° 0 | 24°59 | 18°37 | 11°48 | 12°16 | 10°48 | 1°56 |
| F 14 | 15 25 34 | 22°44'30 | 6♁19 | 9°14 | 7° 6 | 15°42 | 26°56 | 21°52 | 27° 1 | 24°57 | 18°38 | 11°38 | 12°13 | 10°54 | 1°58 |
| S 15 | 15 29 31 | 23°42'15 | 21°37 | 9°R18 | 8° 8 | 16°27 | 26°48 | 21°51 | 27° 1 | 24°56 | 18°40 | 11°28 | 12° 9 | 11° 1 | 2° 1 |
| S 16 | 15 33 27 | 24°39'58 | 6♁51 | 9°16 | 9°10 | 17°11 | 26°40 | 21°50 | 27° 2 | 24°54 | 18°41 | 11°17 | 12° 6 | 11° 8 | 2° 3 |
| M17 | 15 37 24 | 25°37'41 | 21°51 | 9°10 | 10°12 | 17°55 | 26°33 | 21°50 | 27° 2 | 24°53 | 18°42 | 11° 9 | 12° 3 | 11°14 | 2° 6 |
| T 18 | 15 41 20 | 26°35'21 | 6♁28 | 8°59 | 11°15 | 18°40 | 26°25 | 21°49 | 27° 3 | 24°52 | 18°44 | 11° 3 | 12° 0 | 11°21 | 2° 8 |
| W19 | 15 45 17 | 27°33'01 | 20°38 | 8°44 | 12°18 | 19°24 | 26°18 | 21°48 | 27° 4 | 24°50 | 18°45 | 10°59 | 11°57 | 11°28 | 2°11 |
| T 20 | 15 49 13 | 28°30'38 | 4♁18 | 8°26 | 13°21 | 20° 8 | 26°10 | 21°48 | 27° 5 | 24°49 | 18°46 | 10°58 | 11°53 | 11°35 | 2°13 |
| F 21 | 15 53 10 | 29°28'15 | 17°30 | 8° 3 | 14°25 | 20°52 | 26° 2 | 21°47 | 27° 6 | 24°48 | 18°48 | 10°D57 | 11°50 | 11°41 | 2°16 |
| S 22 | 15 57 6 | 0♁25'49 | 0♁18 | 7°38 | 15°28 | 21°36 | 25°55 | 21°47 | 27° 6 | 24°47 | 18°49 | 10°R58 | 11°47 | 11°48 | 2°18 |
| S 23 | 16 1 3 | 1°23'23 | 12°46 | 7°10 | 16°32 | 22°20 | 25°47 | 21°47 | 27° 7 | 24°45 | 18°50 | 10°57 | 11°44 | 11°55 | 2°20 |
| M24 | 16 5 0 | 2°20'54 | 24°58 | 6°40 | 17°36 | 23° 4 | 25°39 | 21°47 | 27° 8 | 24°44 | 18°52 | 10°55 | 11°41 | 12° 1 | 2°22 |
| T 25 | 16 8 56 | 3°18'25 | 7♁ 0 | 6° 8 | 18°41 | 23°48 | 25°32 | 21°D47 | 27° 9 | 24°43 | 18°53 | 10°50 | 11°38 | 12° 8 | 2°24 |
| W26 | 16 12 53 | 4°15'54 | 18°56 | 5°35 | 19°45 | 24°32 | 25°24 | 21°47 | 27°10 | 24°42 | 18°54 | 10°43 | 11°34 | 12°15 | 2°27 |
| T 27 | 16 16 49 | 5°13'22 | 0♁48 | 5° 1 | 20°50 | 25°16 | 25°17 | 21°47 | 27°12 | 24°41 | 18°56 | 10°33 | 11°31 | 12°22 | 2°29 |
| F 28 | 16 20 46 | 6°10'49 | 12°40 | 4°28 | 21°55 | 26° 0 | 25°10 | 21°47 | 27°13 | 24°39 | 18°57 | 10°22 | 11°28 | 12°28 | 2°31 |
| S 29 | 16 24 42 | 7° 8'14 | 24°34 | 3°55 | 23° 0 | 26°44 | 25° 2 | 21°47 | 27°14 | 24°38 | 18°58 | 10°11 | 11°25 | 12°35 | 2°33 |
| S 30 | 16 28 39 | 8° 5'39 | 6♁31 | 3°23 | 24° 5 | 27°28 | 24°55 | 21°48 | 27°15 | 24°37 | 19° 0 | 9°59 | 11°22 | 12°42 | 2°35 |
| M31 | 16 32 35 | 9♁ 3'03 | 18♁34 | 2♁53 | 25♁10 | 28♁11 | 24♁48 | 21♁49 | 27♁17 | 24♁36 | 19♁ 1 | 9♁49 | 11♁19 | 12♁49 | 2♁37 |

Delta T = 91.11 sec.

Greg. Calendar

JUNE 1627GC

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|------|----------|----------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------|
| T 1 | 16 36 32 | 10♁ 0'26 | 0♁42 | 2°R25 | 26♁16 | 28♁55 | 24°R41 | 21♁49 | 27♁18 | 24°R35 | 19♁ 2 | 9°R41 | 11♁15 | 12♁55 | 2♁38 |
| W 2 | 16 40 29 | 10°57'48 | 12°59 | 1♁59 | 27°22 | 29°38 | 24♁33 | 21°50 | 27°20 | 24♁34 | 19° 3 | 9♁35 | 11°12 | 13° 2 | 2°40 |
| T 3 | 16 44 25 | 11°55'09 | 25°24 | 1°37 | 28°27 | 0♁22 | 24°26 | 21°51 | 27°21 | 24°33 | 19° 5 | 9°32 | 11° 9 | 13° 9 | 2°42 |
| F 4 | 16 48 22 | 12°52'30 | 8♁ 2 | 1°19 | 29°33 | 1° 5 | 24°19 | 21°52 | 27°23 | 24°32 | 19° 6 | 9°D31 | 11° 6 | 13°15 | 2°44 |
| S 5 | 16 52 18 | 13°49'51 | 20°55 | 1° 4 | 0♁40 | 1°49 | 24°13 | 21°53 | 27°24 | 24°31 | 19° 7 | 9°32 | 11° 3 | 13°22 | 2°45 |
| S 6 | 16 56 15 | 14°47'10 | 4♁ 5 | 0°53 | 1°46 | 2°32 | 24° 6 | 21°54 | 27°26 | 24°30 | 19° 8 | 9°32 | 10°59 | 13°29 | 2°47 |
| M 7 | 17 0 11 | 15°44'29 | 17°35 | 0°46 | 2°53 | 3°16 | 23°59 | 21°55 | 27°28 | 24°29 | 19°10 | 9°R33 | 10°56 | 13°36 | 2°49 |
| T 8 | 17 4 8 | 16°41'48 | 1♁28 | 0°D44 | 3°59 | 3°59 | 23°53 | 21°57 | 27°29 | 24°28 | 19°11 | 9°32 | 10°53 | 13°42 | 2°50 |
| W 9 | 17 8 4 | 17°39'07 | 15°44 | 0°46 | 5° 6 | 4°42 | 23°46 | 21°58 | 27°31 | 24°28 | 19°12 | 9°29 | 10°50 | 13°49 | 2°52 |
| T 10 | 17 12 1 | 18°36'25 | 0♁20 | 0°52 | 6°13 | 5°25 | 23°40 | 22° 0 | 27°33 | 24°27 | 19°13 | 9°24 | 10°47 | 13°56 | 2°53 |
| F 11 | 17 15 58 | 19°33'43 | 15°13 | 1° 4 | 7°20 | 6° 8 | 23°33 | 22° 2 | 27°35 | 24°26 | 19°15 | 9°18 | 10°44 | 14° 3 | 2°54 |
| S 12 | 17 19 54 | 20°31'00 | 0♁15 | 1°20 | 8°27 | 6°51 | 23°27 | 22° 3 | 27°37 | 24°25 | 19°16 | 9°10 | 10°40 | 14° 9 | 2°56 |
| S 13 | 17 23 51 | 21°28'17 | 15°17 | 1°40 | 9°34 | 7°34 | 23°21 | 22° 5 | 27°39 | 24°25 | 19°17 | 9° 3 | 10°37 | 14°16 | 2°57 |
| M14 | 17 27 47 | 22°25'34 | 0♁ 9 | 2° 5 | 10°42 | 8°17 | 23°15 | 22° 7 | 27°41 | 24°24 | 19°18 | 8°57 | 10°34 | 14°23 | 2°58 |
| T 15 | 17 31 44 | 23°22'50 | 14°43 | 2°35 | 11°49 | 8°59 | 23°10 | 22° 9 | 27°43 | 24°23 | 19°19 | 8°53 | 10°31 | 14°29 | 2°59 |
| W16 | 17 35 40 | 24°20'05 | 28°53 | 3° 8 | 12°57 | 9°42 | 23° 4 | 22°12 | 27°45 | 24°23 | 19°20 | 8°51 | 10°28 | 14°36 | 3° 1 |
| T 17 | 17 39 37 | 25°17'20 | 12♁37 | 3°47 | 14° 5 | 10°24 | 22°58 | 22°14 | 27°47 | 24°22 | 19°22 | 8°D51 | 10°25 | 14°43 | 3° 2 |
| F 18 | 17 43 34 | 26°14'34 | 25°54 | 4°29 | 15°12 | 11° 7 | 22°53 | 22°16 | 27°49 | 24°21 | 19°23 | 8°52 | 10°21 | 14°50 | 3° 3 |
| S 19 | 17 47 30 | 27°11'48 | 8♁46 | 5°16 | 16°20 | 11°49 | 22°48 | 22°19 | 27°51 | 24°21 | 19°24 | 8°53 | 10°18 | 14°56 | 3° 4 |
| S 20 | 17 51 27 | 28° 9'01 | 21°17 | 6° 8 | 17°28 | 12°32 | 22°43 | 22°21 | 27°54 | 24°20 | 19°25 | 8°54 | 10°15 | 15° 3 | 3° 5 |
| M21 | 17 55 23 | 29° 6'13 | 3♁32 | 7° 3 | 18°37 | 13°14 | 22°38 | 22°24 | 27°56 | 24°20 | 19°26 | 8°R54 | 10°12 | 15°10 | 3° 5 |
| T 22 | 17 59 20 | 0♁ 3'25 | 15°35 | 8° 2 | 19°45 | 13°56 | 22°33 | 22°27 | 27°58 | 24°19 | 19°27 | 8°53 | 10° 9 | 15°16 | 3° 6 |
| W23 | 18 3 16 | 1° 0'37 | 27°30 | 9° 5 | 20°53 | 14°38 | 22°28 | 22°29 | 28° 1 | 24°19 | 19°28 | 8°50 | 10° 5 | 15°23 | 3° 7 |
| T 24 | 18 7 13 | 1°57'48 | 9♁23 | 10°13 | 22° 2 | 15°20 | 22°24 | 22°32 | 28° 3 | 24°18 | 19°29 | 8°45 | 10° 2 | 15°30 | 3° 8 |
| F 25 | 18 11 9 | 2°54'58 | 21°16 | 11°24 | 23°10 | 16° 1 | 22°20 | 22°35 | 28° 6 | 24°18 | 19°30 | 8°40 | 9°59 | 15°37 | 3° 8 |
| S 26 | 18 15 6 | 3°52'09 | 3♁13 | 12°39 | 24°19 | 16°43 | 22°15 | 22°38 | 28° 8 | 24°18 | 19°31 | 8°34 | 9°56 | 15°43 | 3° 9 |
| S 27 | 18 19 3 | 4°49'19 | 15°16 | 13°58 | 25°28 | 17°25 | 22°11 | 22°42 | 28°11 | 24°17 | 19°32 | 8°28 | 9°53 | 15°50 | 3° 9 |
| M28 | 18 22 59 | 5°46'29 | 27°27 | 15°21 | 26°36 | 18° 6 | 22° 7 | 22°45 | 28°13 | 24°17 | 19°33 | 8°23 | 9°50 | 15°57 | 3°10 |
| T 29 | 18 26 56 | 6°43'39 | 9♁47 | 16°47 | 27°45 | 18°48 | 22° 4 | 22°48 | 28°16 | 24°17 | 19°34 | 8°19 | 9°46 | 16° 4 | 3°10 |
| W30 | 18 30 52 | 7♁40'49 | 22♁19 | 18♁17 | 28♁54 | 19♁29 | 22♁ 0 | 22♁52 | 28♁19 | 24♁17 | 19♁35 | 8♁16 | 9♁43 | 16♁10 | 3♁11 |

Delta T = 90.77 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1627

JULY 1627GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|--------|--------|-------|-------|--------|--------|--------|--------|-------|-------|-------|--------|-------|
| T 1 | 18 34 49 | 8°37'59 | 5♁ 1 | 19II51 | 0II 3 | 20V10 | 21°R57 | 22II55 | 28II21 | 24°R17 | 19B36 | 8II15 | 9II40 | 16II17 | 3V11 |
| F 2 | 18 38 45 | 9°35'10 | 17°56 | 21°28 | 1°13 | 20°51 | 21II54 | 22°59 | 28°24 | 24II16 | 19°37 | 8°15 | 9°37 | 16°24 | 3°11 |
| S 3 | 18 42 42 | 10°32'20 | 1X 4 | 23° 9 | 2°22 | 21°32 | 21°51 | 23° 3 | 28°27 | 24°16 | 19°38 | 8°16 | 9°34 | 16°30 | 3°12 |
| S 4 | 18 46 38 | 11°29'31 | 14°26 | 24°53 | 3°31 | 22°13 | 21°48 | 23° 6 | 28°30 | 24°16 | 19°39 | 8°18 | 9°31 | 16°37 | 3°12 |
| M 5 | 18 50 35 | 12°26'42 | 28° 4 | 26°40 | 4°41 | 22°54 | 21°45 | 23°10 | 28°33 | 24°16 | 19°40 | 8°19 | 9°27 | 16°44 | 3°12 |
| T 6 | 18 54 32 | 13°23'54 | 11V57 | 28°30 | 5°50 | 23°34 | 21°43 | 23°14 | 28°35 | 24°D16 | 19°41 | 8°R20 | 9°24 | 16°51 | 3°12 |
| W 7 | 18 58 28 | 14°21'06 | 26° 5 | 0B23 | 7° 0 | 24°15 | 21°40 | 23°18 | 28°38 | 24°16 | 19°42 | 8°19 | 9°21 | 16°57 | 3°R12 |
| T 8 | 19 2 25 | 15°18'19 | 10B27 | 2°19 | 8°10 | 24°55 | 21°38 | 23°22 | 28°41 | 24°16 | 19°42 | 8°18 | 9°18 | 17° 4 | 3°12 |
| F 9 | 19 6 21 | 16°15'33 | 24°59 | 4°17 | 9°19 | 25°36 | 21°36 | 23°27 | 28°44 | 24°16 | 19°43 | 8°16 | 9°15 | 17°11 | 3°12 |
| S 10 | 19 10 18 | 17°12'47 | 9II37 | 6°18 | 10°29 | 26°16 | 21°34 | 23°31 | 28°47 | 24°16 | 19°44 | 8°13 | 9°11 | 17°18 | 3°12 |
| S 11 | 19 14 14 | 18°10'02 | 24°15 | 8°21 | 11°39 | 26°56 | 21°33 | 23°35 | 28°50 | 24°16 | 19°45 | 8°10 | 9° 8 | 17°24 | 3°11 |
| M12 | 19 18 11 | 19° 7'17 | 8B45 | 10°25 | 12°49 | 27°35 | 21°31 | 23°40 | 28°53 | 24°17 | 19°46 | 8° 8 | 9° 5 | 17°31 | 3°11 |
| T 13 | 19 22 7 | 20° 4'33 | 23° 2 | 12°30 | 13°59 | 28°15 | 21°30 | 23°44 | 28°57 | 24°17 | 19°46 | 8° 7 | 9° 2 | 17°38 | 3°11 |
| W14 | 19 26 4 | 21° 1'49 | 7II 2 | 14°37 | 15°10 | 28°55 | 21°29 | 23°49 | 29° 0 | 24°17 | 19°47 | 8°D 6 | 8°59 | 17°44 | 3°11 |
| T 15 | 19 30 1 | 21°59'05 | 20°40 | 16°44 | 16°20 | 29°34 | 21°28 | 23°53 | 29° 3 | 24°17 | 19°48 | 8° 7 | 8°56 | 17°51 | 3°10 |
| F 16 | 19 33 57 | 22°56'22 | 3II55 | 18°52 | 17°30 | 0B13 | 21°28 | 23°58 | 29° 6 | 24°18 | 19°49 | 8° 8 | 8°52 | 17°58 | 3°10 |
| S 17 | 19 37 54 | 23°53'39 | 16°48 | 21° 0 | 18°41 | 0°52 | 21°27 | 24° 3 | 29° 9 | 24°18 | 19°49 | 8° 9 | 8°49 | 18° 5 | 3° 9 |
| S 18 | 19 41 50 | 24°50'57 | 29°22 | 23° 8 | 19°51 | 1°31 | 21°27 | 24° 8 | 29°12 | 24°18 | 19°50 | 8°10 | 8°46 | 18°11 | 3° 9 |
| M19 | 19 45 47 | 25°48'15 | 11II39 | 25°15 | 21° 2 | 2°10 | 21°D27 | 24°13 | 29°16 | 24°19 | 19°51 | 8°11 | 8°43 | 18°18 | 3° 8 |
| T 20 | 19 49 43 | 26°45'33 | 23°44 | 27°22 | 22°12 | 2°49 | 21°27 | 24°18 | 29°19 | 24°19 | 19°51 | 8°R11 | 8°40 | 18°25 | 3° 7 |
| W21 | 19 53 40 | 27°42'52 | 5II41 | 29°28 | 23°23 | 3°27 | 21°27 | 24°23 | 29°22 | 24°20 | 19°52 | 8°11 | 8°37 | 18°31 | 3° 6 |
| T 22 | 19 57 36 | 28°40'11 | 17°34 | 1II33 | 24°34 | 4° 5 | 21°27 | 24°28 | 29°26 | 24°20 | 19°52 | 8°10 | 8°33 | 18°38 | 3° 6 |
| F 23 | 20 1 33 | 29°37'31 | 29°28 | 3°36 | 25°44 | 4°44 | 21°28 | 24°33 | 29°29 | 24°21 | 19°53 | 8°10 | 8°30 | 18°45 | 3° 5 |
| S 24 | 20 5 30 | 0II34'51 | 11II28 | 5°39 | 26°55 | 5°21 | 21°29 | 24°39 | 29°32 | 24°21 | 19°54 | 8° 9 | 8°27 | 18°52 | 3° 4 |
| S 25 | 20 9 26 | 1°32'12 | 23°36 | 7°40 | 28° 6 | 5°59 | 21°30 | 24°44 | 29°36 | 24°22 | 19°54 | 8° 8 | 8°24 | 18°58 | 3° 3 |
| M26 | 20 13 23 | 2°29'33 | 5B55 | 9°40 | 29°17 | 6°37 | 21°31 | 24°49 | 29°39 | 24°22 | 19°55 | 8° 7 | 8°21 | 19° 5 | 3° 2 |
| T 27 | 20 17 19 | 3°26'56 | 18°28 | 11°38 | 0B28 | 7°14 | 21°32 | 24°55 | 29°43 | 24°23 | 19°55 | 8° 6 | 8°17 | 19°12 | 3° 1 |
| W28 | 20 21 16 | 4°24'19 | 1II16 | 13°35 | 1°40 | 7°51 | 21°34 | 25° 0 | 29°46 | 24°24 | 19°56 | 8° 6 | 8°14 | 19°19 | 3° 0 |
| T 29 | 20 25 12 | 5°21'43 | 14°19 | 15°30 | 2°51 | 8°28 | 21°35 | 25° 6 | 29°50 | 24°24 | 19°56 | 8°D 6 | 8°11 | 19°25 | 2°59 |
| F 30 | 20 29 9 | 6°19'08 | 27°37 | 17°23 | 4° 2 | 9° 5 | 21°37 | 25°12 | 29°53 | 24°25 | 19°57 | 8° 6 | 8° 8 | 19°32 | 2°58 |
| S 31 | 20 33 5 | 7II16'34 | 11II 9 | 19II15 | 5B13 | 9B42 | 21II39 | 25II17 | 29II57 | 24II26 | 19B57 | 8II 6 | 8II 5 | 19II39 | 2V56 |

Delta T = 90.44 sec.

Greg. Calendar

AUGUST 1627GC

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|------|----------|----------|--------|--------|--------|-------|--------|--------|-------|--------|--------|-------|-------|--------|-------|
| S 1 | 20 37 2 | 8II14'01 | 24X53 | 21II 6 | 6B25 | 10B18 | 21II41 | 25II23 | 0II 0 | 24II27 | 19B57 | 8°R 6 | 8II 2 | 19II45 | 2°R55 |
| M 2 | 20 40 59 | 9°11'29 | 8V48 | 22°55 | 7°36 | 10°55 | 21°44 | 25°29 | 0° 4 | 24°28 | 19°58 | 8II 6 | 7°58 | 19°52 | 2V54 |
| T 3 | 20 44 55 | 10° 8'59 | 22°52 | 24°42 | 8°48 | 11°31 | 21°46 | 25°35 | 0° 7 | 24°28 | 19°58 | 8° 6 | 7°55 | 19°59 | 2°52 |
| W 4 | 20 48 52 | 11° 6'30 | 7B 2 | 26°28 | 10° 0 | 12° 6 | 21°49 | 25°41 | 0°11 | 24°29 | 19°59 | 8°D 6 | 7°52 | 20° 6 | 2°51 |
| T 5 | 20 52 48 | 12° 4'02 | 21°16 | 28°12 | 11°11 | 12°42 | 21°52 | 25°47 | 0°15 | 24°30 | 19°59 | 8° 6 | 7°49 | 20°12 | 2°49 |
| F 6 | 20 56 45 | 13° 1'37 | 5II32 | 29°55 | 12°23 | 13°17 | 21°55 | 25°53 | 0°18 | 24°31 | 19°59 | 8° 6 | 7°46 | 20°19 | 2°48 |
| S 7 | 21 0 41 | 13°59'12 | 19°47 | 1II36 | 13°35 | 13°53 | 21°58 | 25°59 | 0°22 | 24°32 | 19°59 | 8° 7 | 7°43 | 20°26 | 2°46 |
| S 8 | 21 4 38 | 14°56'49 | 3B57 | 3°16 | 14°47 | 14°28 | 22° 2 | 26° 5 | 0°25 | 24°33 | 20° 0 | 8° 8 | 7°39 | 20°32 | 2°45 |
| M 9 | 21 8 34 | 15°54'28 | 18° 0 | 4°54 | 15°59 | 15° 2 | 22° 5 | 26°11 | 0°29 | 24°34 | 20° 0 | 8° 8 | 7°36 | 20°39 | 2°43 |
| T 10 | 21 12 31 | 16°52'08 | 1II52 | 6°30 | 17°11 | 15°37 | 22° 9 | 26°18 | 0°33 | 24°35 | 20° 0 | 8°R 8 | 7°33 | 20°46 | 2°41 |
| W11 | 21 16 28 | 17°49'49 | 15°31 | 8° 5 | 18°23 | 16°11 | 22°13 | 26°24 | 0°37 | 24°36 | 20° 0 | 8° 8 | 7°30 | 20°53 | 2°39 |
| T 12 | 21 20 24 | 18°47'31 | 28°54 | 9°39 | 19°35 | 16°45 | 22°17 | 26°30 | 0°40 | 24°38 | 20° 1 | 8° 8 | 7°27 | 20°59 | 2°38 |
| F 13 | 21 24 21 | 19°45'15 | 11II59 | 11°11 | 20°47 | 17°18 | 22°21 | 26°37 | 0°44 | 24°39 | 20° 1 | 8° 7 | 7°23 | 21° 6 | 2°36 |
| S 14 | 21 28 17 | 20°43'00 | 24°47 | 12°42 | 22° 0 | 17°52 | 22°26 | 26°43 | 0°48 | 24°40 | 20° 1 | 8° 5 | 7°20 | 21°13 | 2°34 |
| S 15 | 21 32 14 | 21°40'46 | 7II18 | 14°11 | 23°12 | 18°25 | 22°30 | 26°50 | 0°51 | 24°41 | 20° 1 | 8° 3 | 7°17 | 21°19 | 2°32 |
| M16 | 21 36 10 | 22°38'33 | 19°35 | 15°39 | 24°24 | 18°58 | 22°35 | 26°56 | 0°55 | 24°42 | 20° 1 | 8° 1 | 7°14 | 21°26 | 2°30 |
| T 17 | 21 40 7 | 23°36'22 | 1II40 | 17° 5 | 25°37 | 19°30 | 22°40 | 27° 3 | 0°59 | 24°44 | 20° 1 | 8° 0 | 7°11 | 21°33 | 2°28 |
| W18 | 21 44 3 | 24°34'12 | 13°37 | 18°29 | 26°49 | 20° 3 | 22°45 | 27° 9 | 1° 3 | 24°45 | 20° 1 | 7°59 | 7° 8 | 21°40 | 2°26 |
| T 19 | 21 48 0 | 25°32'03 | 25°30 | 19°52 | 28° 2 | 20°34 | 22°50 | 27°16 | 1° 6 | 24°46 | 20° 1 | 7°D58 | 7° 4 | 21°46 | 2°24 |
| F 20 | 21 51 57 | 26°29'55 | 7II24 | 21°14 | 29°14 | 21° 6 | 22°56 | 27°23 | 1°10 | 24°48 | 20°R 1 | 7°59 | 7° 1 | 21°53 | 2°22 |
| S 21 | 21 55 53 | 27°27'49 | 19°24 | 22°34 | 0II27 | 21°38 | 23° 1 | 27°29 | 1°14 | 24°49 | 20° 1 | 8° 0 | 6°58 | 22° 0 | 2°20 |
| S 22 | 21 59 50 | 28°25'44 | 1B33 | 23°52 | 1°40 | 22° 9 | 23° 7 | 27°36 | 1°18 | 24°50 | 20° 1 | 8° 1 | 6°55 | 22° 7 | 2°18 |
| M23 | 22 3 46 | 29°23'40 | 13°57 | 25° 8 | 2°52 | 22°39 | 23°13 | 27°43 | 1°21 | 24°52 | 20° 1 | 8° 3 | 6°52 | 22°13 | 2°15 |
| T 24 | 22 7 43 | 0II21'38 | 26°39 | 26°23 | 4° 5 | 23°10 | 23°19 | 27°50 | 1°25 | 24°53 | 20° 1 | 8° 4 | 6°48 | 22°20 | 2°13 |
| W25 | 22 11 39 | 1°19'37 | 9II40 | 27°35 | 5°18 | 23°40 | 23°25 | 27°57 | 1°29 | 24°55 | 20° 1 | 8°R 4 | 6°45 | 22°27 | 2°11 |
| T 26 | 22 15 36 | 2°17'37 | 23° 2 | 28°46 | 6°31 | 24°10 | 23°31 | 28° 4 | 1°33 | 24°56 | 20° 1 | 8° 4 | 6°42 | 22°33 | 2° 8 |
| F 27 | 22 19 32 | 3°15'39 | 6X44 | 29°55 | 7°44 | 24°39 | 23°38 | 28°10 | 1°36 | 24°58 | 20° 1 | 8° 2 | 6°39 | 22°40 | 2° 6 |
| S 28 | 22 23 29 | 4°13'43 | 20°43 | 1II 1 | 8°57 | 25° 8 | 23°44 | 28°17 | 1°40 | 24°59 | 20° 1 | 7°59 | 6°36 | 22°47 | 2° 4 |
| S 29 | 22 27 25 | 5°11'49 | 4V55 | 2° 5 | 10°10 | 25°37 | 23°51 | 28°24 | 1°44 | 25° 1 | 20° 0 | 7°55 | 6°33 | 22°54 | 2° 1 |
| M30 | 22 31 22 | 6° 9'56 | 19°16 | 3° 7 | 11°23 | 26° 5 | 23°58 | 28°31 | 1°48 | 25° 3 | 20° 0 | 7°51 | 6°29 | 23° 0 | 1°59 |
| T 31 | 22 35 19 | 7II 8'05 | 3B40 | 4II 7 | 12II37 | 26B33 | 24II 5 | 28II39 | 1II51 | 25II 4 | 20B 0 | 7II47 | 6II26 | 23II 7 | 1V56 |

Delta T = 90.09 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1627

SEPTEMBER 1627GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|-------|-------|------|-------|--------|-------|------|-------|-------|---|
| W 1 | 22 39 15 | 8♍ 6'17 | 18♄ 3 | 5♌ 4 | 13♊50 | 27♄ 1 | 24♍12 | 28♍46 | 1♍55 | 25♌ 6 | 20°R 0 | 7°R45 | 6♌23 | 23♍14 | 1°R54 | |
| T 2 | 22 43 12 | 9° 4'30 | 2♋20 | 5°58 | 15° 3 | 27°28 | 24°19 | 28°53 | 1°59 | 25° 7 | 20♄ 0 | 7♌43 | 6°20 | 23°20 | 1°V51 | |
| F 3 | 22 47 8 | 10° 2'46 | 16°29 | 6°49 | 16°17 | 27°55 | 24°27 | 29° 0 | 2° 3 | 25° 9 | 19°59 | 7°D43 | 6°17 | 23°27 | 1°49 | |
| S 4 | 22 51 5 | 11° 1'04 | 0♄29 | 7°37 | 17°30 | 28°21 | 24°34 | 29° 7 | 2° 6 | 25°11 | 19°59 | 7°44 | 6°14 | 23°34 | 1°46 | |
| S 5 | 22 55 1 | 11°59'24 | 14°17 | 8°21 | 18°44 | 28°47 | 24°42 | 29°14 | 2°10 | 25°13 | 19°59 | 7°46 | 6°10 | 23°41 | 1°44 | |
| M 6 | 22 58 58 | 12°57'46 | 27°55 | 9° 2 | 19°57 | 29°13 | 24°50 | 29°21 | 2°14 | 25°14 | 19°58 | 7°47 | 6° 7 | 23°47 | 1°41 | |
| T 7 | 23 2 54 | 13°56'10 | 11♌21 | 9°39 | 21°11 | 29°38 | 24°58 | 29°29 | 2°17 | 25°16 | 19°58 | 7°R47 | 6° 4 | 23°54 | 1°39 | |
| W 8 | 23 6 51 | 14°54'36 | 24°35 | 10°12 | 22°24 | 0♋3 | 25° 6 | 29°36 | 2°21 | 25°18 | 19°58 | 7°46 | 6° 1 | 24° 1 | 1°36 | |
| T 9 | 23 10 48 | 15°53'04 | 7♍37 | 10°40 | 23°38 | 0°27 | 25°14 | 29°43 | 2°25 | 25°20 | 19°57 | 7°43 | 5°58 | 24° 7 | 1°33 | |
| F 10 | 23 14 44 | 16°51'34 | 20°27 | 11° 3 | 24°52 | 0°51 | 25°22 | 29°50 | 2°29 | 25°22 | 19°57 | 7°38 | 5°54 | 24°14 | 1°31 | |
| S 11 | 23 18 41 | 17°50'06 | 3♌ 3 | 11°21 | 26° 6 | 1°14 | 25°31 | 29°58 | 2°32 | 25°23 | 19°56 | 7°31 | 5°51 | 24°21 | 1°28 | |
| S 12 | 23 22 37 | 18°48'39 | 15°27 | 11°34 | 27°20 | 1°37 | 25°39 | 0♌ 5 | 2°36 | 25°25 | 19°56 | 7°24 | 5°48 | 24°28 | 1°25 | |
| M13 | 23 26 34 | 19°47'15 | 27°39 | 11°40 | 28°33 | 1°59 | 25°48 | 0°12 | 2°40 | 25°27 | 19°55 | 7°16 | 5°45 | 24°34 | 1°22 | |
| T 14 | 23 30 30 | 20°45'52 | 9♍41 | 11°R41 | 29°47 | 2°21 | 25°57 | 0°20 | 2°43 | 25°29 | 19°55 | 7° 9 | 5°42 | 24°41 | 1°20 | |
| W15 | 23 34 27 | 21°44'31 | 21°36 | 11°35 | 1♍ 1 | 2°42 | 26° 6 | 0°27 | 2°47 | 25°31 | 19°54 | 7° 3 | 5°39 | 24°48 | 1°17 | |
| T 16 | 23 38 23 | 22°43'12 | 3♌72 | 11°22 | 2°15 | 3° 3 | 26°15 | 0°34 | 2°50 | 25°33 | 19°54 | 6°59 | 5°35 | 24°54 | 1°14 | |
| F 17 | 23 42 20 | 23°41'54 | 15°19 | 11° 1 | 3°29 | 3°23 | 26°24 | 0°42 | 2°54 | 25°35 | 19°53 | 6°57 | 5°32 | 25° 1 | 1°11 | |
| S 18 | 23 46 17 | 24°40'39 | 27°16 | 10°34 | 4°43 | 3°43 | 26°33 | 0°49 | 2°58 | 25°37 | 19°53 | 6°D57 | 5°29 | 25° 8 | 1° 9 | |
| S 19 | 23 50 13 | 25°39'25 | 9♄24 | 9°59 | 5°58 | 4° 2 | 26°43 | 0°57 | 3° 1 | 25°39 | 19°52 | 6°58 | 5°26 | 25°15 | 1° 6 | |
| M20 | 23 54 10 | 26°38'12 | 21°47 | 9°18 | 7°12 | 4°20 | 26°52 | 1° 4 | 3° 5 | 25°41 | 19°52 | 6°59 | 5°23 | 25°21 | 1° 3 | |
| T 21 | 23 58 6 | 27°37'02 | 4♌30 | 8°29 | 8°26 | 4°38 | 27° 2 | 1°11 | 3° 8 | 25°43 | 19°51 | 7°R 0 | 5°20 | 25°28 | 1° 0 | |
| W22 | 0 2 3 | 28°35'53 | 17°37 | 7°35 | 9°40 | 4°55 | 27°11 | 1°19 | 3°12 | 25°45 | 19°50 | 6°59 | 5°16 | 25°35 | 0°57 | |
| T 23 | 0 5 59 | 29°34'46 | 1♋ 9 | 6°35 | 10°54 | 5°12 | 27°21 | 1°26 | 3°15 | 25°47 | 19°50 | 6°57 | 5°13 | 25°41 | 0°55 | |
| F 24 | 0 9 56 | 0♄33'41 | 15° 8 | 5°31 | 12° 9 | 5°28 | 27°31 | 1°34 | 3°19 | 25°49 | 19°49 | 6°52 | 5°10 | 25°48 | 0°52 | |
| S 25 | 0 13 52 | 1°32'38 | 29°29 | 4°24 | 13°23 | 5°44 | 27°41 | 1°41 | 3°22 | 25°51 | 19°48 | 6°45 | 5° 7 | 25°55 | 0°49 | |
| S 26 | 0 17 49 | 2°31'37 | 14♍ 8 | 3°15 | 14°38 | 5°58 | 27°51 | 1°48 | 3°25 | 25°53 | 19°48 | 6°37 | 5° 4 | 26° 2 | 0°46 | |
| M27 | 0 21 46 | 3°30'38 | 28°57 | 2° 7 | 15°52 | 6°12 | 28° 1 | 1°56 | 3°29 | 25°55 | 19°47 | 6°28 | 5° 0 | 26° 8 | 0°43 | |
| T 28 | 0 25 42 | 4°29'41 | 13♄47 | 1° 2 | 17° 6 | 6°26 | 28°12 | 2° 3 | 3°32 | 25°57 | 19°46 | 6°20 | 4°57 | 26°15 | 0°41 | |
| W29 | 0 29 39 | 5°28'46 | 28°31 | 0° 0 | 18°21 | 6°39 | 28°22 | 2°11 | 3°35 | 26° 0 | 19°45 | 6°13 | 4°54 | 26°22 | 0°38 | |
| T 30 | 0 33 35 | 6°27'54 | 13♋ 3 | 29♍ 4 | 19♍35 | 6♋51 | 28♍33 | 2♌18 | 3♍39 | 26♌ 2 | 19♄45 | 6♌ 8 | 4♌51 | 26♍28 | 0°V35 | |

Delta T = 89.75 sec.

Greg. Calendar

OCTOBER 1627GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|-------|------|------|-------|--------|-------|------|-------|-------|---|
| F 1 | 0 37 32 | 7♌27'05 | 27♋17 | 28°R16 | 20♍50 | 7♋ 2 | 28♍43 | 2♌25 | 3♍42 | 26♌ 4 | 19°R44 | 6°R 6 | 4♌48 | 26♍35 | 0°R32 | |
| S 2 | 0 41 28 | 8°26'17 | 11♄13 | 27♍36 | 22° 5 | 7°13 | 28°54 | 2°33 | 3°45 | 26° 6 | 19♄43 | 6°D 6 | 4°45 | 26°42 | 0°V29 | |
| S 3 | 0 45 25 | 9°25'32 | 24°50 | 27° 5 | 23°19 | 7°23 | 29° 5 | 2°40 | 3°49 | 26° 8 | 19°42 | 6♌ 6 | 4°41 | 26°49 | 0°27 | |
| M 4 | 0 49 21 | 10°24'50 | 8♌11 | 26°46 | 24°34 | 7°32 | 29°15 | 2°48 | 3°52 | 26°10 | 19°41 | 6°R 6 | 4°38 | 26°55 | 0°24 | |
| T 5 | 0 53 18 | 11°24'09 | 21°18 | 26°D36 | 25°49 | 7°40 | 29°26 | 2°55 | 3°55 | 26°12 | 19°41 | 6° 5 | 4°35 | 27° 2 | 0°21 | |
| W 6 | 0 57 15 | 12°23'31 | 4♍11 | 26°38 | 27° 4 | 7°48 | 29°37 | 3° 2 | 3°58 | 26°15 | 19°40 | 6° 2 | 4°32 | 27° 9 | 0°18 | |
| T 7 | 1 1 11 | 13°22'55 | 16°52 | 26°50 | 28°18 | 7°55 | 29°49 | 3°10 | 4° 1 | 26°17 | 19°39 | 5°56 | 4°29 | 27°15 | 0°16 | |
| F 8 | 1 5 8 | 14°22'21 | 29°24 | 27°13 | 29°33 | 8° 1 | 0♌ 0 | 3°17 | 4° 4 | 26°19 | 19°38 | 5°47 | 4°25 | 27°22 | 0°13 | |
| S 9 | 1 9 4 | 15°21'50 | 11♌46 | 27°46 | 0♌48 | 8° 6 | 0°11 | 3°24 | 4° 7 | 26°21 | 19°37 | 5°35 | 4°22 | 27°29 | 0°10 | |
| S 10 | 1 13 1 | 16°21'20 | 23°59 | 28°27 | 2° 3 | 8°10 | 0°22 | 3°32 | 4°11 | 26°23 | 19°36 | 5°22 | 4°19 | 27°36 | 0° 8 | |
| M11 | 1 16 57 | 17°20'53 | 6♍ 4 | 29°17 | 3°18 | 8°13 | 0°34 | 3°39 | 4°14 | 26°26 | 19°35 | 5° 9 | 4°16 | 27°42 | 0° 5 | |
| T 12 | 1 20 54 | 18°20'27 | 18° 1 | 0♌15 | 4°33 | 8°16 | 0°45 | 3°46 | 4°16 | 26°28 | 19°34 | 4°56 | 4°13 | 27°49 | 0° 2 | |
| W13 | 1 24 50 | 19°20'03 | 29°54 | 1°19 | 5°48 | 8°18 | 0°57 | 3°53 | 4°19 | 26°30 | 19°33 | 4°45 | 4°10 | 27°56 | 0° 0 | |
| T 14 | 1 28 47 | 20°19'42 | 11♌43 | 2°30 | 7° 3 | 8°19 | 1° 9 | 4° 1 | 4°22 | 26°32 | 19°32 | 4°37 | 4° 6 | 28° 2 | 29♋57 | |
| F 15 | 1 32 43 | 21°19'22 | 23°33 | 3°45 | 8°18 | 8°R19 | 1°20 | 4° 8 | 4°25 | 26°35 | 19°31 | 4°31 | 4° 3 | 28° 9 | 29°55 | |
| S 16 | 1 36 40 | 22°19'04 | 5♄27 | 5° 5 | 9°33 | 8°18 | 1°32 | 4°15 | 4°28 | 26°37 | 19°31 | 4°28 | 4° 0 | 28°16 | 29°52 | |
| S 17 | 1 40 37 | 23°18'47 | 17°31 | 6°29 | 10°48 | 8°16 | 1°44 | 4°22 | 4°31 | 26°39 | 19°30 | 4°26 | 3°57 | 28°23 | 29°49 | |
| M18 | 1 44 33 | 24°18'33 | 29°50 | 7°56 | 12° 3 | 8°14 | 1°56 | 4°29 | 4°34 | 26°41 | 19°29 | 4°26 | 3°54 | 28°29 | 29°47 | |
| T 19 | 1 48 30 | 25°18'20 | 12♌28 | 9°26 | 13°18 | 8°10 | 2° 8 | 4°36 | 4°36 | 26°44 | 19°28 | 4°26 | 3°51 | 28°36 | 29°45 | |
| W20 | 1 52 26 | 26°18'09 | 25°32 | 10°58 | 14°33 | 8° 6 | 2°20 | 4°43 | 4°39 | 26°46 | 19°27 | 4°25 | 3°47 | 28°43 | 29°42 | |
| T 21 | 1 56 23 | 27°17'59 | 9♋ 4 | 12°32 | 15°48 | 8° 0 | 2°32 | 4°50 | 4°42 | 26°48 | 19°25 | 4°21 | 3°44 | 28°49 | 29°40 | |
| F 22 | 2 0 19 | 28°17'51 | 23° 5 | 14° 8 | 17° 3 | 7°54 | 2°44 | 4°58 | 4°44 | 26°50 | 19°24 | 4°15 | 3°41 | 28°56 | 29°37 | |
| S 23 | 2 4 16 | 29°17'45 | 7♍36 | 15°44 | 18°18 | 7°47 | 2°57 | 5° 5 | 4°47 | 26°53 | 19°23 | 4° 6 | 3°38 | 29° 3 | 29°35 | |
| S 24 | 2 8 12 | 0♍17'41 | 22°29 | 17°21 | 19°33 | 7°39 | 3° 9 | 5°11 | 4°49 | 26°55 | 19°22 | 3°55 | 3°35 | 29° 9 | 29°33 | |
| M25 | 2 12 9 | 1°17'39 | 7♄38 | 18°59 | 20°49 | 7°31 | 3°21 | 5°18 | 4°52 | 26°57 | 19°21 | 3°44 | 3°31 | 29°16 | 29°30 | |
| T 26 | 2 16 6 | 2°17'38 | 22°51 | 20°38 | 22° 4 | 7°21 | 3°34 | 5°25 | 4°54 | 26°59 | 19°20 | 3°33 | 3°28 | 29°23 | 29°28 | |
| W27 | 2 20 2 | 3°17'40 | 7♋58 | 22°17 | 23°19 | 7°10 | 3°46 | 5°32 | 4°57 | 27° 2 | 19°19 | 3°23 | 3°25 | 29°30 | 29°26 | |
| T 28 | 2 23 59 | 4°17'44 | 22°49 | 23°55 | 24°34 | 6°59 | 3°59 | 5°39 | 4°59 | 27° 4 | 19°18 | 3°17 | 3°22 | 29°36 | 29°24 | |
| F 29 | 2 27 55 | 5°17'50 | 7♄18 | 25°34 | 25°49 | 6°47 | 4°11 | 5°46 | 5° 1 | 27° 6 | 19°17 | 3°13 | 3°19 | 29°43 | 29°22 | |
| S 30 | 2 31 52 | 6°17'58 | 21°23 | 27°13 | 27° 5 | 6°34 | 4°24 | 5°53 | 5° 4 | 27° 8 | 19°16 | 3°11 | 3°16 | 29°50 | 29°19 | |
| S 31 | 2 35 48 | 7♍18'08 | 5♌ 2 | 28♌52 | 28♌20 | 6♋20 | 4♌37 | 5♌59 | 5♍ 6 | 27♌10 | 19♄15 | 3♌11 | 3♌12 | 29♍56 | 29♋17 | |

Delta T = 89.42 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright AstroDienst AG [5.1.2003]

SWISS EPHEMERIS for the year 1627

NOVEMBER 1627GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|-----|---------|----------|-------|-------|-------|-------|-------|------|------|-------|--------|-------|------|------|--------|---|
| M 1 | 2 39 45 | 8♁18'20 | 18♁19 | 0♁31 | 29♁35 | 6°R 5 | 4♁49 | 6♁ 6 | 5♁ 8 | 27♁13 | 19°R14 | 3°R11 | 3♁ 9 | 0♁ 3 | 29°R15 | |
| T 2 | 2 43 41 | 9°18'34 | 1♁16 | 2°10 | 0♁51 | 5♁50 | 5° 2 | 6°13 | 5°10 | 27°15 | 19♁13 | 3♁ 9 | 3° 6 | 0°10 | 29♁13 | |
| W 3 | 2 47 38 | 10°18'51 | 13°56 | 3°48 | 2° 6 | 5°34 | 5°15 | 6°19 | 5°12 | 27°17 | 19°11 | 3° 6 | 3° 3 | 0°17 | 29°11 | |
| T 4 | 2 51 35 | 11°19'09 | 26°24 | 5°26 | 3°21 | 5°17 | 5°28 | 6°26 | 5°14 | 27°19 | 19°10 | 2°59 | 3° 0 | 0°23 | 29° 9 | |
| F 5 | 2 55 31 | 12°19'29 | 8♁41 | 7° 4 | 4°37 | 4°59 | 5°41 | 6°32 | 5°16 | 27°21 | 19° 9 | 2°49 | 2°57 | 0°30 | 29° 8 | |
| S 6 | 2 59 28 | 13°19'51 | 20°50 | 8°41 | 5°52 | 4°41 | 5°54 | 6°39 | 5°18 | 27°24 | 19° 8 | 2°37 | 2°53 | 0°37 | 29° 6 | |
| S 7 | 3 3 24 | 14°20'15 | 2♁53 | 10°18 | 7° 7 | 4°22 | 6° 7 | 6°45 | 5°20 | 27°26 | 19° 7 | 2°23 | 2°50 | 0°43 | 29° 4 | |
| M 8 | 3 7 21 | 15°20'41 | 14°50 | 11°55 | 8°23 | 4° 3 | 6°20 | 6°51 | 5°22 | 27°28 | 19° 6 | 2° 9 | 2°47 | 0°50 | 29° 2 | |
| T 9 | 3 11 17 | 16°21'08 | 26°43 | 13°32 | 9°38 | 3°43 | 6°33 | 6°58 | 5°24 | 27°30 | 19° 5 | 1°55 | 2°44 | 0°57 | 29° 1 | |
| W10 | 3 15 14 | 17°21'37 | 8♁34 | 15° 8 | 10°54 | 3°22 | 6°46 | 7° 4 | 5°25 | 27°32 | 19° 4 | 1°42 | 2°41 | 1° 3 | 28°59 | |
| T11 | 3 19 10 | 18°22'08 | 20°23 | 16°44 | 12° 9 | 3° 2 | 6°59 | 7°10 | 5°27 | 27°34 | 19° 2 | 1°33 | 2°37 | 1°10 | 28°57 | |
| F12 | 3 23 7 | 19°22'40 | 2♁14 | 18°20 | 13°25 | 2°40 | 7°12 | 7°16 | 5°29 | 27°37 | 19° 1 | 1°26 | 2°34 | 1°17 | 28°56 | |
| S13 | 3 27 4 | 20°23'13 | 14° 9 | 19°55 | 14°40 | 2°19 | 7°26 | 7°22 | 5°30 | 27°39 | 19° 0 | 1°22 | 2°31 | 1°24 | 28°54 | |
| S14 | 3 31 0 | 21°23'48 | 26°12 | 21°30 | 15°55 | 1°57 | 7°39 | 7°28 | 5°32 | 27°41 | 18°59 | 1°D21 | 2°28 | 1°30 | 28°53 | |
| M15 | 3 34 57 | 22°24'24 | 8♁29 | 23° 5 | 17°11 | 1°34 | 7°52 | 7°34 | 5°33 | 27°43 | 18°58 | 1°21 | 2°25 | 1°37 | 28°51 | |
| T16 | 3 38 53 | 23°25'01 | 21° 3 | 24°40 | 18°26 | 1°12 | 8° 5 | 7°40 | 5°35 | 27°45 | 18°57 | 1°R21 | 2°22 | 1°44 | 28°50 | |
| W17 | 3 42 50 | 24°25'40 | 3♁59 | 26°15 | 19°42 | 0°49 | 8°19 | 7°46 | 5°36 | 27°47 | 18°56 | 1°21 | 2°18 | 1°50 | 28°49 | |
| T18 | 3 46 46 | 25°26'19 | 17°23 | 27°49 | 20°57 | 0°27 | 8°32 | 7°52 | 5°38 | 27°49 | 18°55 | 1°19 | 2°15 | 1°57 | 28°48 | |
| F19 | 3 50 43 | 26°26'59 | 1°Y16 | 29°23 | 22°13 | 0° 4 | 8°46 | 7°58 | 5°39 | 27°51 | 18°53 | 1°14 | 2°12 | 2° 4 | 28°46 | |
| S20 | 3 54 39 | 27°27'41 | 15°39 | 0♁57 | 23°28 | 29♁41 | 8°59 | 8° 3 | 5°40 | 27°53 | 18°52 | 1° 7 | 2° 9 | 2°11 | 28°45 | |
| S21 | 3 58 36 | 28°28'24 | 0♁30 | 2°31 | 24°44 | 29°19 | 9°12 | 8° 9 | 5°41 | 27°55 | 18°51 | 0°58 | 2° 6 | 2°17 | 28°44 | |
| M22 | 4 2 33 | 29°29'08 | 15°40 | 4° 5 | 25°59 | 28°56 | 9°26 | 8°15 | 5°42 | 27°57 | 18°50 | 0°49 | 2° 2 | 2°24 | 28°43 | |
| T23 | 4 6 29 | 0♁29'53 | 1♁ 1 | 5°39 | 27°15 | 28°34 | 9°39 | 8°20 | 5°43 | 27°59 | 18°49 | 0°39 | 1°59 | 2°31 | 28°42 | |
| W24 | 4 10 26 | 1°30'40 | 16°20 | 7°12 | 28°30 | 28°12 | 9°53 | 8°26 | 5°45 | 28° 1 | 18°48 | 0°31 | 1°56 | 2°37 | 28°41 | |
| T25 | 4 14 22 | 2°31'27 | 1♁27 | 8°46 | 29°45 | 27°50 | 10° 6 | 8°31 | 5°45 | 28° 3 | 18°47 | 0°26 | 1°53 | 2°44 | 28°40 | |
| F26 | 4 18 19 | 3°32'17 | 16°12 | 10°19 | 1♁ 1 | 27°28 | 10°20 | 8°36 | 5°46 | 28° 5 | 18°46 | 0°23 | 1°50 | 2°51 | 28°39 | |
| S27 | 4 22 15 | 4°33'07 | 0♁31 | 11°53 | 2°16 | 27° 7 | 10°33 | 8°41 | 5°47 | 28° 7 | 18°45 | 0°D22 | 1°47 | 2°57 | 28°39 | |
| S28 | 4 26 12 | 5°33'59 | 14°22 | 13°26 | 3°32 | 26°46 | 10°47 | 8°47 | 5°48 | 28° 9 | 18°44 | 0°22 | 1°43 | 3° 4 | 28°38 | |
| M29 | 4 30 8 | 6°34'53 | 27°45 | 14°59 | 4°47 | 26°25 | 11° 0 | 8°52 | 5°49 | 28°10 | 18°43 | 0°23 | 1°40 | 3°11 | 28°37 | |
| T30 | 4 34 5 | 7♁35'47 | 10♁44 | 16♁32 | 6♁ 3 | 26♁ 5 | 11♁14 | 8♁57 | 5♁49 | 28♁12 | 18♁41 | 0°R24 | 1♁37 | 3♁18 | 28♁37 | |

Delta T = 89.08 sec.

Greg. Calendar

DECEMBER 1627GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|-----|---------|----------|--------|-------|-------|--------|-------|-------|-------|-------|--------|--------|-------|------|--------|---|
| W 1 | 4 38 2 | 8♁36'43 | 23♁22 | 18♁ 6 | 7♁18 | 25°R45 | 11♁28 | 9♁ 2 | 5♁50 | 28♁14 | 18°R40 | 0°R22 | 1♁34 | 3♁24 | 28°R36 | |
| T 2 | 4 41 58 | 9°37'41 | 5♁44 | 19°39 | 8°34 | 25♁26 | 11°41 | 9° 6 | 5°51 | 28°16 | 18♁39 | 0♁19 | 1°31 | 3°31 | 28♁36 | |
| F 3 | 4 45 55 | 10°38'39 | 17°54 | 21°12 | 9°49 | 25° 8 | 11°55 | 9°11 | 5°51 | 28°18 | 18°38 | 0°13 | 1°28 | 3°38 | 28°35 | |
| S 4 | 4 49 51 | 11°39'39 | 29°55 | 22°45 | 11° 5 | 24°50 | 12° 8 | 9°16 | 5°52 | 28°20 | 18°37 | 0° 5 | 1°24 | 3°44 | 28°35 | |
| S 5 | 4 53 48 | 12°40'40 | 11♁51 | 24°18 | 12°21 | 24°33 | 12°22 | 9°20 | 5°52 | 28°21 | 18°36 | 29♁56 | 1°21 | 3°51 | 28°35 | |
| M 6 | 4 57 44 | 13°41'41 | 23°43 | 25°51 | 13°36 | 24°16 | 12°35 | 9°25 | 5°52 | 28°23 | 18°35 | 29°47 | 1°18 | 3°58 | 28°34 | |
| T 7 | 5 1 41 | 14°42'44 | 5♁34 | 27°23 | 14°52 | 24° 0 | 12°49 | 9°29 | 5°53 | 28°25 | 18°34 | 29°37 | 1°15 | 4° 5 | 28°34 | |
| W 8 | 5 5 37 | 15°43'48 | 17°25 | 28°56 | 16° 7 | 23°45 | 13° 3 | 9°34 | 5°53 | 28°26 | 18°33 | 29°29 | 1°12 | 4°11 | 28°34 | |
| T 9 | 5 9 34 | 16°44'52 | 29°17 | 0♁28 | 17°23 | 23°31 | 13°16 | 9°38 | 5°53 | 28°28 | 18°32 | 29°23 | 1° 8 | 4°18 | 28°34 | |
| F10 | 5 13 31 | 17°45'57 | 11♁14 | 2° 0 | 18°38 | 23°17 | 13°30 | 9°42 | 5°53 | 28°30 | 18°31 | 29°19 | 1° 5 | 4°25 | 28°D34 | |
| S11 | 5 17 27 | 18°47'03 | 23°16 | 3°32 | 19°54 | 23° 4 | 13°43 | 9°46 | 5°53 | 28°31 | 18°30 | 29°17 | 1° 2 | 4°31 | 28°34 | |
| S12 | 5 21 24 | 19°48'09 | 5♁26 | 5° 3 | 21° 9 | 22°52 | 13°57 | 9°50 | 5°R53 | 28°33 | 18°29 | 29°D17 | 0°59 | 4°38 | 28°34 | |
| M13 | 5 25 20 | 20°49'16 | 17°48 | 6°33 | 22°25 | 22°41 | 14°11 | 9°54 | 5°53 | 28°34 | 18°28 | 29°18 | 0°56 | 4°45 | 28°34 | |
| T14 | 5 29 17 | 21°50'23 | 0♁24 | 8° 3 | 23°40 | 22°30 | 14°24 | 9°58 | 5°53 | 28°36 | 18°28 | 29°20 | 0°53 | 4°51 | 28°34 | |
| W15 | 5 33 13 | 22°51'30 | 13°19 | 9°32 | 24°56 | 22°20 | 14°38 | 10° 2 | 5°53 | 28°37 | 18°27 | 29°21 | 0°49 | 4°58 | 28°35 | |
| T16 | 5 37 10 | 23°52'37 | 26°37 | 11° 0 | 26°11 | 22°12 | 14°51 | 10° 6 | 5°53 | 28°39 | 18°26 | 29°R22 | 0°46 | 5° 5 | 28°35 | |
| F17 | 5 41 6 | 24°53'44 | 10°Y19 | 12°27 | 27°27 | 22° 4 | 15° 5 | 10° 9 | 5°52 | 28°40 | 18°25 | 29°21 | 0°43 | 5°12 | 28°35 | |
| S18 | 5 45 3 | 25°54'52 | 24°27 | 13°52 | 28°42 | 21°57 | 15°18 | 10°13 | 5°52 | 28°42 | 18°24 | 29°18 | 0°40 | 5°18 | 28°36 | |
| S19 | 5 49 0 | 26°56'00 | 9♁ 0 | 15°16 | 29°58 | 21°50 | 15°32 | 10°16 | 5°52 | 28°43 | 18°23 | 29°14 | 0°37 | 5°25 | 28°36 | |
| M20 | 5 52 56 | 27°57'08 | 23°54 | 16°37 | 1♁13 | 21°45 | 15°45 | 10°19 | 5°51 | 28°44 | 18°22 | 29°10 | 0°34 | 5°32 | 28°37 | |
| T21 | 5 56 53 | 28°58'16 | 9♁ 1 | 17°56 | 2°29 | 21°40 | 15°59 | 10°23 | 5°51 | 28°46 | 18°21 | 29° 5 | 0°30 | 5°38 | 28°37 | |
| W22 | 6 0 49 | 29°59'24 | 24°13 | 19°13 | 3°44 | 21°36 | 16°12 | 10°26 | 5°50 | 28°47 | 18°21 | 29° 1 | 0°27 | 5°45 | 28°38 | |
| T23 | 6 4 46 | 1♁ 0'33 | 9♁19 | 20°25 | 5° 0 | 21°33 | 16°25 | 10°29 | 5°50 | 28°48 | 18°20 | 28°58 | 0°24 | 5°52 | 28°39 | |
| F24 | 6 8 42 | 2° 1'42 | 24°10 | 21°34 | 6°15 | 21°31 | 16°39 | 10°32 | 5°49 | 28°50 | 18°19 | 28°D57 | 0°21 | 5°58 | 28°39 | |
| S25 | 6 12 39 | 3° 2'51 | 8♁38 | 22°38 | 7°31 | 21°29 | 16°52 | 10°34 | 5°48 | 28°51 | 18°18 | 28°57 | 0°18 | 6° 5 | 28°40 | |
| S26 | 6 16 36 | 4° 4'00 | 22°40 | 23°36 | 8°46 | 21°D29 | 17° 6 | 10°37 | 5°47 | 28°52 | 18°18 | 28°59 | 0°14 | 6°12 | 28°41 | |
| M27 | 6 20 32 | 5° 5'10 | 6♁15 | 24°29 | 10° 1 | 21°29 | 17°19 | 10°40 | 5°47 | 28°53 | 18°17 | 29° 0 | 0°11 | 6°18 | 28°42 | |
| T28 | 6 24 29 | 6° 6'20 | 19°22 | 25°14 | 11°17 | 21°30 | 17°32 | 10°42 | 5°46 | 28°54 | 18°16 | 29° 2 | 0° 8 | 6°25 | 28°43 | |
| W29 | 6 28 25 | 7° 7'30 | 2♁ 7 | 25°52 | 12°32 | 21°31 | 17°45 | 10°45 | 5°45 | 28°55 | 18°15 | 29°R 3 | 0° 5 | 6°32 | 28°44 | |
| T30 | 6 32 22 | 8° 8'40 | 14°32 | 26°20 | 13°48 | 21°34 | 17°59 | 10°47 | 5°44 | 28°57 | 18°15 | 29° 2 | 0° 2 | 6°39 | 28°45 | |
| F31 | 6 36 18 | 9♁ 9'51 | 26♁41 | 26♁39 | 15♁ 3 | 21♁37 | 18♁12 | 10♁49 | 5♁43 | 28♁58 | 18♁14 | 29♁ 1 | 29♁59 | 6♁45 | 28♁46 | |

Delta T = 88.75 sec.

Greg. Calendar

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