

SWISS EPHEMERIS for the year 2074

JANUARY 2074

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|---------|--------|--------|-------|--------|-------|-------|--------|-------|--------|--------|-------|--------|
| M 1 | 6 44 6 | 10°55'08 | 22°34' | 22°17' | 13°17' | 5°22' | 11°53' | 2°51' | 6°52' | 18°R43 | 5°Y46 | 12°23' | 13°47' | 4°23' | 14°Y36 |
| T 2 | 6 48 3 | 11°56'18 | 5°H24 | 23°54' | 14°32' | 5°25' | 11°47' | 2°58' | 6°55' | 18°42' | 5°46' | 12°24' | 13°44' | 4°29' | 14°36' |
| W 3 | 6 51 59 | 12°57'28 | 17°54' | 25°31' | 15°48' | 5°27' | 11°41' | 3° 4' | 6°59' | 18°40' | 5°46' | 12°26' | 13°41' | 4°36' | 14°36' |
| T 4 | 6 55 56 | 13°58'37 | 0°Y 7 | 27° 7' | 17° 3' | 5°28' | 11°35' | 3°10' | 7° 3' | 18°38' | 5°47' | 12°28' | 13°37' | 4°43' | 14°37' |
| F 5 | 6 59 52 | 14°59'46 | 12° 8' | 28°43' | 18°19' | 5°R28 | 11°28' | 3°16' | 7° 6' | 18°36' | 5°47' | 12°R28 | 13°34' | 4°50' | 14°37' |
| S 6 | 7 3 49 | 16° 0'55 | 24° 2' | 0°18' | 19°34' | 5°28' | 11°22' | 3°21' | 7°10' | 18°35' | 5°47' | 12°28' | 13°31' | 4°56' | 14°38' |
| S 7 | 7 7 45 | 17° 2'04 | 5°54' | 1°53' | 20°50' | 5°26' | 11°15' | 3°27' | 7°13' | 18°33' | 5°48' | 12°27' | 13°28' | 5° 3' | 14°39' |
| M 8 | 7 11 42 | 18° 3'12 | 17°48' | 3°27' | 22° 5' | 5°24' | 11° 8' | 3°33' | 7°17' | 18°31' | 5°48' | 12°24' | 13°25' | 5°10' | 14°39' |
| T 9 | 7 15 38 | 19° 4'20 | 29°49' | 4°59' | 23°21' | 5°22' | 11° 2' | 3°39' | 7°20' | 18°30' | 5°49' | 12°20' | 13°21' | 5°16' | 14°40' |
| W10 | 7 19 35 | 20° 5'27 | 12°II 0 | 6°31' | 24°36' | 5°18' | 10°55' | 3°44' | 7°24' | 18°28' | 5°49' | 12°17' | 13°18' | 5°23' | 14°41' |
| T 11 | 7 23 32 | 21° 6'35 | 24°23' | 8° 0' | 25°51' | 5°14' | 10°47' | 3°50' | 7°27' | 18°26' | 5°50' | 12°13' | 13°15' | 5°30' | 14°42' |
| F 12 | 7 27 28 | 22° 7'41 | 7°51' | 9°28' | 27° 7' | 5° 8' | 10°40' | 3°56' | 7°31' | 18°25' | 5°50' | 12°10' | 13°12' | 5°37' | 14°43' |
| S 13 | 7 31 25 | 23° 8'48 | 19°53' | 10°53' | 28°22' | 5° 2' | 10°33' | 4° 1' | 7°35' | 18°23' | 5°51' | 12° 7' | 13° 9' | 5°43' | 14°44' |
| S 14 | 7 35 21 | 24° 9'54 | 3°0 0 | 12°15' | 29°38' | 4°56' | 10°26' | 4° 6' | 7°38' | 18°21' | 5°51' | 12° 6' | 13° 6' | 5°50' | 14°45' |
| M15 | 7 39 18 | 25°11'00 | 16°22' | 13°34' | 0°53' | 4°48' | 10°18' | 4°12' | 7°42' | 18°20' | 5°52' | 12°D 6 | 13° 2' | 5°57' | 14°46' |
| T 16 | 7 43 14 | 26°12'05 | 29°55' | 14°48' | 2° 9' | 4°40' | 10°10' | 4°17' | 7°45' | 18°18' | 5°53' | 12° 7' | 12°59' | 6° 3' | 14°47' |
| W17 | 7 47 11 | 27°13'10 | 13°II40 | 15°58' | 3°24' | 4°30' | 10° 3' | 4°22' | 7°48' | 18°16' | 5°53' | 12° 8' | 12°56' | 6°10' | 14°48' |
| T 18 | 7 51 7 | 28°14'15 | 27°34' | 17° 2' | 4°39' | 4°20' | 9°55' | 4°28' | 7°52' | 18°14' | 5°54' | 12° 9' | 12°53' | 6°17' | 14°50' |
| F 19 | 7 55 4 | 29°15'19 | 11°13'5 | 17°59' | 5°55' | 4° 9' | 9°47' | 4°33' | 7°55' | 18°13' | 5°55' | 12°10' | 12°50' | 6°24' | 14°51' |
| S 20 | 7 59 1 | 0°16'24 | 25°42' | 18°50' | 7°10' | 3°58' | 9°40' | 4°38' | 7°59' | 18°11' | 5°55' | 12°R11 | 12°47' | 6°30' | 14°52' |
| S 21 | 8 2 57 | 1°17'28 | 9°II54 | 19°32' | 8°25' | 3°45' | 9°32' | 4°43' | 8° 2' | 18°10' | 5°56' | 12°10' | 12°43' | 6°37' | 14°54' |
| M22 | 8 6 54 | 2°18'31 | 24° 7' | 20° 5' | 9°41' | 3°32' | 9°24' | 4°48' | 8° 6' | 18° 8' | 5°57' | 12°10' | 12°40' | 6°44' | 14°55' |
| T 23 | 8 10 50 | 3°19'35 | 8°120 | 20°29' | 10°56' | 3°18' | 9°16' | 4°52' | 8° 9' | 18° 6' | 5°58' | 12° 9' | 12°37' | 6°51' | 14°57' |
| W24 | 8 14 47 | 4°20'38 | 22°29' | 20°42' | 12°12' | 3° 4' | 9° 8' | 4°57' | 8°12' | 18° 5' | 5°58' | 12° 8' | 12°34' | 6°57' | 14°58' |
| T 25 | 8 18 43 | 5°21'40 | 6°330 | 20°R44 | 13°27' | 2°48' | 9° 0' | 5° 2' | 8°16' | 18° 3' | 5°59' | 12° 7' | 12°31' | 7° 4' | 15° 0' |
| F 26 | 8 22 40 | 6°22'42 | 20°21' | 20°34' | 14°42' | 2°32' | 8°52' | 5° 6' | 8°19' | 18° 1' | 6° 0' | 12° 6' | 12°27' | 7°11' | 15° 2' |
| S 27 | 8 26 36 | 7°23'44 | 3°58' | 20°13' | 15°58' | 2°15' | 8°44' | 5°11' | 8°22' | 18° 0' | 6° 1' | 12° 6' | 12°24' | 7°17' | 15° 3' |
| S 28 | 8 30 33 | 8°24'44 | 17°19' | 19°41' | 17°13' | 1°57' | 8°36' | 5°15' | 8°25' | 17°58' | 6° 2' | 12°D 6 | 12°21' | 7°24' | 15° 5' |
| M29 | 8 34 30 | 9°25'43 | 0°H22 | 18°58' | 18°28' | 1°39' | 8°28' | 5°20' | 8°29' | 17°57' | 6° 3' | 12° 6' | 12°18' | 7°31' | 15° 7' |
| T 30 | 8 38 26 | 10°26'42 | 13° 8' | 18° 5' | 19°43' | 1°20' | 8°20' | 5°24' | 8°32' | 17°55' | 6° 4' | 12° 6' | 12°15' | 7°38' | 15° 9' |
| W31 | 8 42 23 | 11°27'39 | 25°H37 | 17°55' | 20°59' | 1°11' | 8°12' | 5°28' | 8°35' | 17°54' | 6°Y 4 | 12°7 | 12°12 | 7°44 | 15°Y11 |

Delta T = 165.26 sec.

FEBRUARY 2074

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|---------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|-------|--------|
| T 1 | 8 46 19 | 12°28'35 | 7°Y51 | 15°R58 | 22°14' | 0°R41 | 8°R 4 | 5°32' | 8°38' | 17°R52 | 6°Y 5 | 12°R 7 | 12°8 8 | 7°51 | 15°Y12 |
| F 2 | 8 50 16 | 13°29'29 | 19°54 | 14°47 | 23°29 | 0°II20 | 7°56 | 5°36 | 8°41 | 17°51 | 6° 6 | 12°D 6 | 12° 5 | 7°58 | 15°14 |
| S 3 | 8 54 12 | 14°30'23 | 1°B49 | 13°33 | 24°44 | 29°59 | 7°48 | 5°40 | 8°44 | 17°49 | 6° 7 | 12° 6 | 12° 2 | 8° 4 | 15°16 |
| S 4 | 8 58 9 | 15°31'15 | 13°42 | 12°19 | 26° 0 | 29°38 | 7°40 | 5°44 | 8°47 | 17°48 | 6° 8 | 12°D 6 | 11°59 | 8°11 | 15°19 |
| M 5 | 9 2 5 | 16°32'06 | 25°36 | 11° 7 | 27°15 | 29°16 | 7°32 | 5°48 | 8°51 | 17°46 | 6° 9 | 12° 6 | 11°56 | 8°18 | 15°21 |
| T 6 | 9 6 2 | 17°32'56 | 7°II36 | 9°59 | 28°30 | 28°53 | 7°24 | 5°52 | 8°54 | 17°45 | 6°10 | 12° 7 | 11°53 | 8°25 | 15°23 |
| W 7 | 9 9 59 | 18°33'44 | 19°48 | 8°56 | 29°45 | 28°31 | 7°17 | 5°55 | 8°57 | 17°43 | 6°11 | 12° 7 | 11°49 | 8°31 | 15°25 |
| T 8 | 9 13 55 | 19°34'30 | 2°514 | 7°59 | 1°H 0 | 28° 8 | 7° 9 | 5°59 | 9° 0 | 17°42 | 6°13 | 12° 8 | 11°46 | 8°38 | 15°27 |
| F 9 | 9 17 52 | 20°35'16 | 14°58 | 7°10 | 2°15 | 27°44 | 7° 1 | 6° 2 | 9° 2 | 17°41 | 6°14 | 12° 9 | 11°43 | 8°45 | 15°30 |
| S 10 | 9 21 48 | 21°35'59 | 28° 2 | 6°29 | 3°30 | 27°21 | 6°54 | 6° 6 | 9° 5 | 17°39 | 6°15 | 12° 9 | 11°40 | 8°52 | 15°32 |
| S 11 | 9 25 45 | 22°36'42 | 11°II27 | 5°56 | 4°46 | 26°57 | 6°46 | 6° 9 | 9° 8 | 17°38 | 6°16 | 12°R10 | 11°37 | 8°58 | 15°34 |
| M12 | 9 29 41 | 23°37'23 | 25°11 | 5°30 | 6° 1 | 26°33 | 6°39 | 6°12 | 9°11 | 17°37 | 6°17 | 12° 9 | 11°33 | 9° 5 | 15°37 |
| T 13 | 9 33 38 | 24°38'02 | 9°II13 | 5°13 | 7°16 | 26° 9 | 6°32 | 6°15 | 9°14 | 17°35 | 6°18 | 12° 9 | 11°30 | 9°12 | 15°39 |
| W14 | 9 37 34 | 25°38'41 | 23°28 | 5° 4 | 8°31 | 25°46 | 6°24 | 6°18 | 9°17 | 17°34 | 6°19 | 12° 7 | 11°27 | 9°18 | 15°42 |
| T 15 | 9 41 31 | 26°39'17 | 7°150 | 5°D 2 | 9°46 | 25°22 | 6°17 | 6°21 | 9°19 | 17°33 | 6°20 | 12° 5 | 11°24 | 9°25 | 15°44 |
| F 16 | 9 45 28 | 27°39'53 | 22°16 | 5° 8 | 11° 1 | 24°58 | 6°10 | 6°24 | 9°22 | 17°31 | 6°22 | 12° 3 | 11°21 | 9°32 | 15°47 |
| S 17 | 9 49 24 | 28°40'28 | 6°II39 | 5°19 | 12°16 | 24°34 | 6° 3 | 6°27 | 9°25 | 17°30 | 6°23 | 12° 2 | 11°18 | 9°39 | 15°49 |
| S 18 | 9 53 21 | 29°41'01 | 20°57 | 5°37 | 13°31 | 24°10 | 5°56 | 6°30 | 9°27 | 17°29 | 6°24 | 12° 1 | 11°14 | 9°45 | 15°52 |
| M19 | 9 57 17 | 0°H41'34 | 5°H 6 | 6° 1 | 14°45 | 23°47 | 5°50 | 6°32 | 9°30 | 17°28 | 6°25 | 12°D 0 | 11°11 | 9°52 | 15°55 |
| T 20 | 10 1 14 | 1°42'05 | 19° 4 | 6°30 | 16° 0 | 23°23 | 5°43 | 6°35 | 9°33 | 17°27 | 6°27 | 12° 1 | 11° 8 | 9°59 | 15°57 |
| W21 | 10 5 10 | 2°42'35 | 2°351 | 7° 4 | 17°15 | 23° 0 | 5°37 | 6°37 | 9°35 | 17°26 | 6°28 | 12° 2 | 11° 5 | 10° 6 | 16° 0 |
| T 22 | 10 9 7 | 3°43'03 | 16°26 | 7°43 | 18°30 | 22°38 | 5°30 | 6°39 | 9°38 | 17°25 | 6°29 | 12° 4 | 11° 2 | 10°12 | 16° 3 |
| F 23 | 10 13 3 | 4°43'31 | 29°49 | 8°25 | 19°45 | 22°15 | 5°24 | 6°41 | 9°40 | 17°24 | 6°30 | 12° 5 | 10°58 | 10°19 | 16° 6 |
| S 24 | 10 17 0 | 5°43'56 | 13°50 | 9°12 | 21° 0 | 21°53 | 5°18 | 6°43 | 9°42 | 17°23 | 6°32 | 12°R 6 | 10°55 | 10°26 | 16° 9 |
| S 25 | 10 20 57 | 6°44'21 | 25°58 | 10° 2 | 22°15 | 21°32 | 5°12 | 6°45 | 9°45 | 17°22 | 6°33 | 12° 5 | 10°52 | 10°32 | 16°11 |
| M26 | 10 24 53 | 7°44'43 | 8°H43 | 10°55 | 23°29 | 21°11 | 5° 6 | 6°47 | 9°47 | 17°21 | 6°34 | 12° 3 | 10°49 | 10°39 | 16°14 |
| T 27 | 10 28 50 | 8°45'04 | 21°16 | 11°51 | 24°44 | 20°50 | 5° 1 | 6°49 | 9°49 | 17°20 | 6°36 | 11°59 | 10°46 | 10°46 | 16°17 |
| W28 | 10 32 46 | 9°45'23 | 3°Y38 | 12°51 | 25°H59 | 20°30 | 4°55 | 6°51 | 9°52 | 17°19 | 6°Y37 | 11°55 | 10°43 | 10°53 | 16°Y20 |

Delta T = 165.42 sec.

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SWISS EPHEMERIS for the year 2074

MARCH 2074

00:00 UT

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

Delta T = 165.57 sec.

APRIL 2074

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-----------|----------|----------|----------|----------|---------|---------|----------|----------|---------|---------|---------|----------|----------|
| S 1 | 12 38 56 | 11°38'22 | 29°55'55 | 29°41'41 | 5°33'33 | 16°08'08 | 3°33'33 | 6°R51 | 10°33'39 | 17°06'06 | 7°Y23 | 9°R52 | 9°01'01 | 14°8'28 | 18°Y 6 |
| M 2 | 12 42 52 | 12°37'37 | 11°11'47 | 1°Y32 | 6°46'46 | 16°12'12 | 3°33'33 | 6°X49 | 10°40'40 | 17°06'06 | 7°25'25 | 9°04'45 | 8°58'58 | 14°34'34 | 18°10'10 |
| T 3 | 12 46 49 | 13°36'49 | 23°43'43 | 3°24'24 | 8°00'00 | 16°17'17 | 3°34'34 | 6°48'48 | 10°40'40 | 17°07'07 | 7°26'26 | 9°40'40 | 8°55'55 | 14°41'41 | 18°13'13 |
| W 4 | 12 50 45 | 14°36'00 | 5°54'49 | 5°17'17 | 9°13'13 | 16°22'22 | 3°35'35 | 6°46'46 | 10°41'41 | 17°07'07 | 7°28'28 | 9°38'38 | 8°51'51 | 14°48'48 | 18°17'17 |
| T 5 | 12 54 42 | 15°35'08 | 18°08'08 | 7°12'12 | 10°27'27 | 16°28'28 | 3°36'36 | 6°44'44 | 10°41'41 | 17°07'07 | 7°29'29 | 9°D38 | 8°48'48 | 14°55'55 | 18°20'20 |
| F 6 | 12 58 38 | 16°34'13 | 0°04'46 | 9°08'08 | 11°40'40 | 16°35'35 | 3°38'38 | 6°42'42 | 10°42'42 | 17°07'07 | 7°30'30 | 9°38'38 | 8°45'45 | 15°01'01 | 18°24'24 |
| S 7 | 13 2 35 | 17°33'17 | 13°48'48 | 11°05'05 | 12°53'53 | 16°42'42 | 3°39'39 | 6°40'40 | 10°42'42 | 17°08'08 | 7°32'32 | 9°R38 | 8°42'42 | 15°08'08 | 18°27'27 |
| S 8 | 13 6 32 | 18°32'18 | 27°18'18 | 13°04'04 | 14°07'07 | 16°50'50 | 3°41'41 | 6°38'38 | 10°43'43 | 17°08'08 | 7°33'33 | 9°37'37 | 8°39'39 | 15°15'15 | 18°31'31 |
| M 9 | 13 10 28 | 19°31'16 | 11°11'16 | 15°04'04 | 15°20'20 | 16°59'59 | 3°43'43 | 6°35'35 | 10°43'43 | 17°08'08 | 7°35'35 | 9°34'34 | 8°35'35 | 15°22'22 | 18°35'35 |
| T 10 | 13 14 25 | 20°30'13 | 25°44'44 | 17°06'06 | 16°33'33 | 17°08'08 | 3°45'45 | 6°33'33 | 10°43'43 | 17°09'09 | 7°36'36 | 9°28'28 | 8°32'32 | 15°28'28 | 18°38'38 |
| W 11 | 13 18 21 | 21°29'07 | 10°43'35 | 19°08'08 | 17°46'46 | 17°18'18 | 3°47'47 | 6°31'31 | 10°43'43 | 17°09'09 | 7°38'38 | 9°19'19 | 8°29'29 | 15°35'35 | 18°42'42 |
| T 12 | 13 22 18 | 22°27'59 | 25°44'44 | 21°12'12 | 19°00'00 | 17°28'28 | 3°49'49 | 6°28'28 | 10°43'43 | 17°10'10 | 7°39'39 | 9°09'09 | 8°26'26 | 15°42'42 | 18°45'45 |
| F 13 | 13 26 14 | 23°26'49 | 10°15'59 | 23°16'16 | 20°13'13 | 17°39'39 | 3°52'52 | 6°26'26 | 10°44'44 | 17°10'10 | 7°41'41 | 8°58'58 | 8°23'23 | 15°48'48 | 18°49'49 |
| S 14 | 13 30 11 | 24°25'38 | 26°09'09 | 25°21'21 | 21°26'26 | 17°50'50 | 3°55'55 | 6°23'23 | 10°R44 | 17°11'11 | 7°42'42 | 8°49'49 | 8°20'20 | 15°55'55 | 18°52'52 |
| S 15 | 13 34 7 | 25°24'24 | 11°05'05 | 27°27'27 | 22°39'39 | 18°02'02 | 3°57'57 | 6°20'20 | 10°44'44 | 17°11'11 | 7°44'44 | 8°41'41 | 8°16'16 | 16°02'02 | 18°56'56 |
| M 16 | 13 38 4 | 26°23'09 | 25°39'39 | 29°34'34 | 23°51'51 | 18°15'15 | 4°01'01 | 6°17'17 | 10°44'44 | 17°12'12 | 7°45'45 | 8°35'35 | 8°13'13 | 16°09'09 | 18°59'59 |
| T 17 | 13 42 1 | 27°21'53 | 9°34'47 | 1°41'41 | 25°04'04 | 18°28'28 | 4°04'04 | 6°14'14 | 10°43'43 | 17°13'13 | 7°46'46 | 8°32'32 | 8°10'10 | 16°15'15 | 19°03'03 |
| W 18 | 13 45 57 | 28°20'34 | 23°29'29 | 3°47'47 | 26°17'17 | 18°41'41 | 4°07'07 | 6°11'11 | 10°43'43 | 17°13'13 | 7°48'48 | 8°31'31 | 8°07'07 | 16°22'22 | 19°06'06 |
| T 19 | 13 49 54 | 29°19'14 | 6°44'47 | 5°54'54 | 27°30'30 | 18°55'55 | 4°11'11 | 6°08'08 | 10°43'43 | 17°14'14 | 7°49'49 | 8°31'31 | 8°04'04 | 16°29'29 | 19°10'10 |
| F 20 | 13 53 50 | 0°17'52 | 19°43'43 | 8°00'00 | 28°43'43 | 19°10'10 | 4°15'15 | 6°05'05 | 10°43'43 | 17°15'15 | 7°51'51 | 8°31'31 | 8°01'01 | 16°35'35 | 19°13'13 |
| S 21 | 13 57 47 | 1°16'29 | 2°12'22 | 10°05'05 | 29°55'55 | 19°25'25 | 4°19'19 | 6°02'02 | 10°42'42 | 17°16'16 | 7°52'52 | 8°29'29 | 7°57'57 | 16°42'42 | 19°17'17 |
| S 22 | 14 1 43 | 2°15'04 | 14°47'47 | 12°09'09 | 1°11'11 | 19°40'40 | 4°23'23 | 5°59'59 | 10°42'42 | 17°16'16 | 7°53'53 | 8°25'25 | 7°54'54 | 16°49'49 | 19°20'20 |
| M 23 | 14 5 40 | 3°13'37 | 27°01'01 | 14°11'11 | 2°21'21 | 19°56'56 | 4°27'27 | 5°55'55 | 10°42'42 | 17°17'17 | 7°55'55 | 8°18'18 | 7°51'51 | 16°56'56 | 19°24'24 |
| T 24 | 14 9 36 | 4°12'08 | 9°Y 7 | 16°12'12 | 3°33'33 | 20°12'12 | 4°32'32 | 5°52'52 | 10°41'41 | 17°18'18 | 7°56'56 | 8°08'08 | 7°48'48 | 17°02'02 | 19°27'27 |
| W 25 | 14 13 33 | 5°10'38 | 21°08'08 | 18°10'10 | 4°46'46 | 20°29'29 | 4°36'36 | 5°49'49 | 10°41'41 | 17°19'19 | 7°57'57 | 7°56'56 | 7°45'45 | 17°09'09 | 19°31'31 |
| T 26 | 14 17 29 | 6°09'05 | 3°X 4 | 20°06'06 | 5°58'58 | 20°46'46 | 4°41'41 | 5°45'45 | 10°40'40 | 17°20'20 | 7°59'59 | 7°42'42 | 7°41'41 | 17°16'16 | 19°34'34 |
| F 27 | 14 21 26 | 7°07'31 | 14°57'57 | 22°00'00 | 7°10'10 | 21°04'04 | 4°46'46 | 5°41'41 | 10°40'40 | 17°21'21 | 8°00'00 | 7°27'27 | 7°38'38 | 17°22'22 | 19°37'37 |
| S 28 | 14 25 23 | 8°05'56 | 26°49'49 | 23°50'50 | 8°23'23 | 21°22'22 | 4°51'51 | 5°38'38 | 10°39'39 | 17°22'22 | 8°01'01 | 7°13'13 | 7°35'35 | 17°29'29 | 19°41'41 |
| S 29 | 14 29 19 | 9°04'18 | 8°II40 | 25°37'37 | 9°35'35 | 21°40'40 | 4°57'57 | 5°34'34 | 10°38'38 | 17°23'23 | 8°03'03 | 7°02'02 | 7°32'32 | 17°36'36 | 19°44'44 |
| M 30 | 14 33 16 | 10°X 2'38 | 20°II34 | 27°8'21 | 10°II47 | 21°05'59 | 5°02'02 | 5°X30 | 10°33'37 | 17°24'24 | 8°Y 4 | 6°05'52 | 7°02'29 | 17°X43 | 19°Y48 |

SWISS EPHEMERIS for the year 2074

MAY 2074

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|----------|----------|----------|----------|---------|---------|----------|----------|---------|---------|---------|----------|----------|
| T 1 | 14 37 12 | 11°05'57 | 2°32'32 | 29°08'11 | 11°11'59 | 22°02'18 | 5°02'08 | 5°R26 | 10°R37 | 17°25'25 | 8°Y 5 | 6°R46 | 7°02'26 | 17°08'49 | 19°Y51 |
| W 2 | 14 41 9 | 11°59'13 | 14°38'38 | 0°13'37 | 13°11'11 | 22°38'38 | 5°13'53 | 5°R23 | 10°36'36 | 17°26'26 | 8° 7 | 6°02'42 | 7°22'22 | 17°56'56 | 19°54'54 |
| T 3 | 14 45 5 | 12°57'28 | 26°57'28 | 2° 9 | 14°23'23 | 22°58'58 | 5°19'19 | 5°19 | 10°35'35 | 17°27'27 | 8° 8 | 6°41'41 | 7°19'19 | 18° 3 | 19°58'58 |
| F 4 | 14 49 2 | 13°55'40 | 9°02'32 | 3°38'38 | 15°35'35 | 23°18'18 | 5°25'25 | 5°15 | 10°34'34 | 17°29'29 | 8° 9 | 6°41'41 | 7°16'16 | 18°10'10 | 20° 1 |
| S 5 | 14 52 58 | 14°53'51 | 22°29'29 | 5° 2 | 16°47'47 | 23°39'39 | 5°31'31 | 5°11 | 10°33'33 | 17°30'30 | 8°10'10 | 6°40'40 | 7°13'13 | 18°16'16 | 20° 4 |
| S 6 | 14 56 55 | 15°51'59 | 5°05'52 | 6°22'22 | 17°59'59 | 24° 0 | 5°38'38 | 5° 7 | 10°32'32 | 17°31'31 | 8°11'11 | 6°39'39 | 7°10'10 | 18°23'23 | 20° 8 |
| M 7 | 15 0 52 | 16°50'05 | 19°44'44 | 7°38'38 | 19°11'11 | 24°21'21 | 5°44'44 | 5° 2 | 10°31'31 | 17°32'32 | 8°13'13 | 6°36'36 | 7° 7 | 18°30'30 | 20°11'11 |
| T 8 | 15 4 48 | 17°48'10 | 4°42'42 | 8°50'50 | 20°23'23 | 24°43'43 | 5°51'51 | 4°58 | 10°30'30 | 17°34'34 | 8°14'14 | 6°30'30 | 7° 3 | 18°36'36 | 20°14'14 |
| W 9 | 15 8 45 | 18°46'12 | 18°52'52 | 9°57'57 | 21°34'34 | 25° 5 | 5°58'58 | 4°54 | 10°29'29 | 17°35'35 | 8°15'15 | 6°22'22 | 7° 0 | 18°43'43 | 20°17'17 |
| T 10 | 15 12 41 | 19°44'13 | 4°00'00 | 11° 0 | 22°46'46 | 25°27'27 | 6° 5 | 4°50 | 10°27'27 | 17°36'36 | 8°16'16 | 6°12'12 | 6°57'57 | 18°50'50 | 20°20'20 |
| F 11 | 15 16 38 | 20°42'12 | 19°20'20 | 11°58'58 | 23°57'57 | 25°50'50 | 6°12'12 | 4°46 | 10°26'26 | 17°38'38 | 8°17'17 | 6° 2 | 6°54'54 | 18°57'57 | 20°24'24 |
| S 12 | 15 20 34 | 21°40'10 | 4°07'39 | 12°52'52 | 25° 9 | 26°13'13 | 6°19'19 | 4°41 | 10°25'25 | 17°39'39 | 8°19'19 | 5°52'52 | 6°51'51 | 19° 3 | 20°27'27 |
| S 13 | 15 24 31 | 22°38'06 | 19°47'47 | 13°41'41 | 26°20'20 | 26°36'36 | 6°26'26 | 4°37 | 10°24'24 | 17°40'40 | 8°20'20 | 5°44'44 | 6°47'47 | 19°10'10 | 20°30'30 |
| M14 | 15 28 27 | 23°36'01 | 4°03'37 | 14°25'25 | 27°31'31 | 27° 0 | 6°33'33 | 4°33 | 10°22'22 | 17°42'42 | 8°21'21 | 5°38'38 | 6°44'44 | 19°17'17 | 20°33'33 |
| T 15 | 15 32 24 | 24°33'54 | 18°54'54 | 15° 5 | 28°43'43 | 27°24'24 | 6°41'41 | 4°28 | 10°21'21 | 17°43'43 | 8°22'22 | 5°35'35 | 6°41'41 | 19°23'23 | 20°36'36 |
| W16 | 15 36 21 | 25°31'46 | 2°00'45 | 15°40'40 | 29°54'54 | 27°48'48 | 6°49'49 | 4°24 | 10°19'19 | 17°45'45 | 8°23'23 | 5°D34 | 6°38'38 | 19°30'30 | 20°39'39 |
| T 17 | 15 40 17 | 26°29'37 | 16° 8 | 16° 9 | 1°05'05 | 28°12'12 | 6°57'57 | 4°20 | 10°18'18 | 17°46'46 | 8°24'24 | 5°35'35 | 6°35'35 | 19°37'37 | 20°42'42 |
| F 18 | 15 44 14 | 27°27'27 | 29° 7 | 16°34'34 | 2°16'16 | 28°37'37 | 7° 4 | 4°15 | 10°16'16 | 17°48'48 | 8°25'25 | 5°R35 | 6°32'32 | 19°44'44 | 20°45'45 |
| S 19 | 15 48 10 | 28°25'16 | 11°04'44 | 16°54'54 | 3°27'27 | 29° 2 | 7°13'13 | 4°11 | 10°15'15 | 17°49'49 | 8°26'26 | 5°34'34 | 6°28'28 | 19°50'50 | 20°48'48 |
| S 20 | 15 52 7 | 29°23'03 | 24° 5 | 17°10'10 | 4°38'38 | 29°27'27 | 7°21'21 | 4° 6 | 10°13'13 | 17°51'51 | 8°27'27 | 5°31'31 | 6°25'25 | 19°57'57 | 20°51'51 |
| M21 | 15 56 3 | 0°12'04 | 6°01'14 | 17°20'20 | 5°48'48 | 29°52'52 | 7°29'29 | 4° 2 | 10°11'11 | 17°53'53 | 8°28'28 | 5°26'26 | 6°22'22 | 20° 4 | 20°54'54 |
| T 22 | 16 0 0 | 1°18'34 | 18°14'14 | 17°25'25 | 6°59'59 | 0°01'18 | 7°37'37 | 3°57 | 10°10'10 | 17°54'54 | 8°29'29 | 5°18'18 | 6°19'19 | 20°11'11 | 20°57'57 |
| W23 | 16 3 56 | 2°16'18 | 0°08'08 | 17°R26 | 8°10'10 | 0°44'44 | 7°46'46 | 3°53 | 10° 8 | 17°56'56 | 8°30'30 | 5° 8 | 6°16'16 | 20°17'17 | 21° 0 |
| T 24 | 16 7 53 | 3°14'01 | 12° 0 | 17°22'22 | 9°20'20 | 1°10'10 | 7°55'55 | 3°49 | 10° 6 | 17°58'58 | 8°31'31 | 4°57'57 | 6°12'12 | 20°24'24 | 21° 3 |
| F 25 | 16 11 50 | 4°11'43 | 23°52'52 | 17°14'14 | 10°31'31 | 1°36'36 | 8° 3 | 3°44 | 10° 4 | 17°59'59 | 8°32'32 | 4°46'46 | 6° 9 | 20°31'31 | 21° 5 |
| S 26 | 16 15 46 | 5° 9'23 | 5°11'44 | 17° 1 | 11°41'41 | 2° 3 | 8°12'12 | 3°40 | 10° 3 | 18° 1 | 8°33'33 | 4°34'34 | 6° 6 | 20°37'37 | 21° 8 |
| S 27 | 16 19 43 | 6° 7'03 | 17°39'39 | 16°44'44 | 12°51'51 | 2°30'30 | 8°21'21 | 3°35 | 10° 1 | 18° 3 | 8°34'34 | 4°25'25 | 6° 3 | 20°44'44 | 21°11'11 |
| M28 | 16 23 39 | 7° 4'41 | 29°38'38 | 16°24'24 | 14° 2 | 2°57'57 | 8°30'30 | 3°31 | 9°59'59 | 18° 5 | 8°35'35 | 4°17'17 | 6° 0 | 20°51'51 | 21°14'14 |
| T 29 | 16 27 36 | 8° 2'18 | 11°03'44 | 16° 0 | 15°12'12 | 3°24'24 | 8°40'40 | 3°26 | 9°57'57 | 18° 6 | 8°36'36 | 4°12'12 | 5°57'57 | 20°58'58 | 21°16'16 |
| W30 | 16 31 32 | 8°59'53 | 23°57'57 | 15°33'33 | 16°22'22 | 3°51'51 | 8°49'49 | 3°22 | 9°55'55 | 18° 8 | 8°36'36 | 4°10'10 | 5°53'53 | 21° 4 | 21°19'19 |
| T 31 | 16 35 29 | 9°11'57 | 6°02'22 | 15°11'44 | 17°03'32 | 4°01'19 | 8°02'58 | 3°07'17 | 9°03'53 | 18°09'10 | 8°03'37 | 4°D 9 | 5°02'50 | 21°08'11 | 21°02'21 |

Delta T = 165.88 sec.

JUNE 2074

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|-------------|----------|----------|----------|----------|----------|---------|---------|----------|---------|---------|---------|----------|----------|
| F 1 | 16 39 26 | 10°11'55'00 | 19°02'02 | 14°R33 | 18°04'42 | 4°07'47 | 9°02'08 | 3°R13 | 9°R51 | 18°02'12 | 8°Y38 | 4°02'10 | 5°02'47 | 21°08'18 | 21°Y24 |
| S 2 | 16 43 22 | 11°52'31 | 2°00'00 | 14°11'01 | 19°52'52 | 5°15'15 | 9°17'17 | 3°R 9 | 9°R49 | 18°14'14 | 8°39'39 | 4°11'11 | 5°44'44 | 21°24'24 | 21°26'26 |
| S 3 | 16 47 19 | 12°50'02 | 15°19'19 | 13°27'27 | 21° 1 | 5°44'44 | 9°27'27 | 3° 4 | 9°47'47 | 18°16'16 | 8°40'40 | 4°R11 | 5°41'41 | 21°31'31 | 21°29'29 |
| M 4 | 16 51 15 | 13°47'30 | 29° 4 | 12°54'54 | 22°11'11 | 6°12'12 | 9°37'37 | 3° 0 | 9°45'45 | 18°17'17 | 8°40'40 | 4°10'10 | 5°38'38 | 21°38'38 | 21°31'31 |
| T 5 | 16 55 12 | 14°44'58 | 13°01'13 | 12°20'20 | 23°20'20 | 6°41'41 | 9°47'47 | 2°55 | 9°43'43 | 18°19'19 | 8°41'41 | 4° 7 | 5°34'34 | 21°45'45 | 21°34'34 |
| W 6 | 16 59 8 | 15°42'24 | 27°48'48 | 11°48'48 | 24°30'30 | 7°10'10 | 9°57'57 | 2°51 | 9°41'41 | 18°21'21 | 8°42'42 | 4° 3 | 5°31'31 | 21°51'51 | 21°36'36 |
| T 7 | 17 3 5 | 16°39'49 | 12°04'12 | 11°17'17 | 25°39'39 | 7°39'39 | 10° 7 | 2°47 | 9°38'38 | 18°23'23 | 8°42'42 | 3°56'56 | 5°28'28 | 21°58'58 | 21°39'39 |
| F 8 | 17 7 1 | 17°37'13 | 27°49'49 | 10°48'48 | 26°48'48 | 8° 8 | 10°17'17 | 2°43 | 9°36'36 | 18°25'25 | 8°43'43 | 3°50'50 | 5°25'25 | 22° 5 | 21°41'41 |
| S 9 | 17 10 58 | 18°34'36 | 13°07'00 | 10°21'21 | 27°57'57 | 8°37'37 | 10°27'27 | 2°38 | 9°34'34 | 18°27'27 | 8°44'44 | 3°43'43 | 5°22'22 | 22°11'11 | 21°43'43 |
| S 10 | 17 14 55 | 19°31'59 | 28° 4 | 9°57'57 | 29° 6 | 9° 7 | 10°38'38 | 2°34 | 9°32'32 | 18°29'29 | 8°44'44 | 3°38'38 | 5°18'18 | 22°18'18 | 21°45'45 |
| M11 | 17 18 51 | 20°29'20 | 12°03'03 | 9°37'37 | 0°01'15 | 9°37'37 | 10°48'48 | 2°30 | 9°30'30 | 18°31'31 | 8°45'45 | 3°34'34 | 5°15'15 | 22°25'25 | 21°48'48 |
| T 12 | 17 22 48 | 21°26'41 | 27°16'16 | 9°20'20 | 1°24'24 | 10° 7 | 10°59'59 | 2°26 | 9°27'27 | 18°33'33 | 8°46'46 | 3°D33 | 5°12'12 | 22°32'32 | 21°50'50 |
| W13 | 17 26 44 | 22°24'01 | 11°00'00 | 9° 7 | 2°32'32 | 10°37'37 | 11° 9 | 2°22 | 9°25'25 | 18°35'35 | 8°46'46 | 3°33'33 | 5° 9 | 22°38'38 | 21°52'52 |
| T 14 | 17 30 41 | 23°21'21 | 24°44'44 | 8°58'58 | 3°41'41 | 11° 7 | 11°20'20 | 2°18 | 9°23'23 | 18°37'37 | 8°47'47 | 3°34'34 | 5° 6 | 22°45'45 | 21°54'54 |
| F 15 | 17 34 37 | 24°18'40 | 7°04'49 | 8°54'54 | 4°49'49 | 11°38'38 | 11°31'31 | 2°14 | 9°20'20 | 18°39'39 | 8°47'47 | 3°35'35 | 5° 3 | 22°52'52 | 21°56'56 |
| S 16 | 17 38 34 | 25°15'59 | 20°30'30 | 8°D53 | 5°57'57 | 12° 8 | 11°41'41 | 2°10 | 9°18'18 | 18°41'41 | 8°48'48 | 3°R36 | 4°59'59 | 22°58'58 | 21°58'58 |
| S 17 | 17 42 30 | 26°13'18 | 2°05'53 | 8°58'58 | 7° 5 | 12°39'39 | 11°52'52 | 2° 6 | 9°16'16 | 18°43'43 | 8°48'48 | 3°36'36 | 4°56'56 | 23° 5 | 22° 0 |
| M18 | 17 46 27 | 27°10'36 | 15° 1 | 9° 7 | 8°13'13 | 13°10'10 | 12° 3 | 2° 2 | 9°13'13 | 18°46'46 | 8°49'49 | 3°35'35 | 4°53'53 | 23°12'12 | 22° 2 |
| T 19 | 17 50 24 | 28° 7'54 | 27° 0 | 9°20'20 | 9°21'21 | 13°41'41 | 12°14'14 | 1°58 | 9°11'11 | 18°48'48 | 8°49'49 | 3°31'31 | 4°50'50 | 23°19'19 | 22° 3 |
| W20 | 17 54 20 | 29° 5'11 | 8°05'53 | 9°39'39 | 10°29'29 | 14°12'12 | 12°25'25 | 1°55 | 9° 9 | 18°50'50 | 8°50'50 | 3°27'27 | 4°47'47 | 23°25'25 | 22° 5 |
| T 21 | 17 58 17 | 0°02'29 | 20°45'45 | 10° 1 | 11°36'36 | 14°44'44 | 12°37'37 | 1°51 | 9° 6 | 18°52'52 | 8°50'50 | 3°21'21 | 4°44'44 | 23°32'32 | 22° 7 |
| F 22 | 18 2 13 | 0°59'46 | 2°11'37 | 10°29'29 | 12°44'44 | 15°15'15 | 12°48'48 | 1°47 | 9° 4 | 18°54'54 | 8°50'50 | 3°16'16 | 4°40'40 | 23°39'39 | 22° 9 |
| S 23 | 18 6 10 | 1°57'02 | 14°33'33 | 11° 1 | 13°51'51 | 15°47'47 | 12°59'59 | 1°44 | 9° 2 | 18°56'56 | 8°51'51 | 3°10'10 | 4°37'37 | 23°45'45 | 22°10'10 |
| S 24 | 18 10 6 | 2°54'19 | 26°34'34 | 11°37'37 | 14°58'58 | 16°19'19 | 13°11'11 | 1°40 | 8°59'59 | 18°58'58 | 8°51'51 | 3° 5 | 4°34'34 | 23°52'52 | 22°12'12 |
| M25 | 18 14 3 | 3°51'35 | 8°04'43 | 12°18'18 | 16° 5 | 16°51'51 | 13°22'22 | 1°37 | 8°57'57 | 19° 0 | 8°51'51 | 3° 2 | 4°31'31 | 23°59'59 | 22°14'14 |
| T 26 | 18 17 59 | 4°48'51 | 21° 0 | 13° 3 | 17°12'12 | 17°23'23 | 13°34'34 | 1°33 | 8°54'54 | 19° 3 | 8°52'52 | 3° 0 | 4°28'28 | 24° 6 | 22°15'15 |
| W27 | 18 21 56 | 5°46'06 | 3°02'27 | 13°52'52 | 18°19'19 | 17°55'55 | 13°45'45 | 1°30 | 8°52'52 | 19° 5 | 8°52'52 | 2°D59 | 4°24'24 | 24°12'12 | 22°17'17 |
| T 28 | 18 25 53 | 6°43'21 | 16° 7 | 14°46'46 | 19°25'25 | 18°27'27 | 13°57'57 | 1°27 | 8°49'49 | 19° 7 | 8°52'52 | 3° 0 | 4°21'21 | 24°19'19 | 22°18'18 |
| F 29 | 18 29 49 | 7°40'35 | 28°59'59 | 15°43'43 | 20°32'32 | 19° 0 | 14° 9 | 1°24 | 8°47'47 | 19° 9 | 8°52'52 | 3° 1 | 4°18'18 | 24°26'26 | 22°19'19 |
| S 30 | 18 33 46 | 8°37'49 | 12°07'07 | 16°11'45 | 21°03'38 | 19°03'33 | 14°02'20 | 1°07'21 | 8°03'45 | 19°09'11 | 8°03'53 | 3°02'33 | 4°02'15 | 24°03'33 | 22°02'21 |

Delta T = 166.05 sec.

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SWISS EPHEMERIS for the year 2074

JULY 2074

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

Delta T = 166.20 sec.

AUGUST 2074

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| Day | Sid.t | ☉ | ☾ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|--------|
| W 1 | 20 39 56 | 9♏10'11 | 18♐17 | 15♏ 0 | 24♐52 | 8♏ 0 | 21♏ 0 | 0°R25 | 7°R32 | 20♏22 | 8°R47 | 2♏53 | 2♏33 | 28♏ 7 | 22°R37 |
| T 2 | 20 43 52 | 10° 7'35 | 2♏36 | 16°59 | 25°49 | 8°36 | 21°13 | 0♏25 | 7♏30 | 20°24 | 8°Y47 | 2°53 | 2°30 | 28°14 | 22°Y36 |
| F 3 | 20 47 49 | 11° 4'59 | 16°59 | 18°58 | 26°46 | 9°13 | 21°26 | 0°25 | 7°28 | 20°26 | 8°46 | 2°54 | 2°27 | 28°21 | 22°36 |
| S 4 | 20 51 45 | 12° 2'24 | 1♏21 | 20°55 | 27°42 | 9°49 | 21°39 | 0°D25 | 7°26 | 20°28 | 8°46 | 2°55 | 2°24 | 28°27 | 22°36 |
| S 5 | 20 55 42 | 12°59'49 | 15°40 | 22°50 | 28°37 | 10°26 | 21°52 | 0°25 | 7°24 | 20°30 | 8°45 | 2°55 | 2°21 | 28°34 | 22°35 |
| M 6 | 20 59 38 | 13°57'15 | 29°50 | 24°44 | 29°32 | 11° 3 | 22° 5 | 0°25 | 7°23 | 20°33 | 8°45 | 2°R56 | 2°17 | 28°41 | 22°34 |
| T 7 | 21 3 35 | 14°54'43 | 13♐48 | 26°36 | 0♏27 | 11°39 | 22°18 | 0°25 | 7°21 | 20°35 | 8°44 | 2°56 | 2°14 | 28°48 | 22°34 |
| W 8 | 21 7 31 | 15°52'11 | 27°29 | 28°27 | 1°21 | 12°16 | 22°32 | 0°26 | 7°19 | 20°37 | 8°44 | 2°55 | 2°11 | 28°54 | 22°33 |
| T 9 | 21 11 28 | 16°49'40 | 10♏52 | 0♐16 | 2°15 | 12°53 | 22°45 | 0°26 | 7°17 | 20°39 | 8°43 | 2°53 | 2° 8 | 29° 1 | 22°32 |
| F 10 | 21 15 25 | 17°47'10 | 23°56 | 2° 4 | 3° 7 | 13°30 | 22°58 | 0°27 | 7°16 | 20°41 | 8°42 | 2°51 | 2° 5 | 29° 8 | 22°32 |
| S 11 | 21 19 21 | 18°44'42 | 6°Y40 | 3°50 | 4° 0 | 14° 8 | 23°11 | 0°27 | 7°14 | 20°43 | 8°42 | 2°49 | 2° 2 | 29°14 | 22°31 |
| S 12 | 21 23 18 | 19°42'14 | 19° 7 | 5°34 | 4°51 | 14°45 | 23°24 | 0°28 | 7°12 | 20°45 | 8°41 | 2°47 | 1°58 | 29°21 | 22°30 |
| M 13 | 21 27 14 | 20°39'49 | 1♏19 | 7°17 | 5°43 | 15°22 | 23°37 | 0°29 | 7°11 | 20°47 | 8°40 | 2°45 | 1°55 | 29°28 | 22°29 |
| T 14 | 21 31 11 | 21°37'24 | 13°20 | 8°59 | 6°33 | 16° 0 | 23°50 | 0°30 | 7° 9 | 20°49 | 8°39 | 2°44 | 1°52 | 29°34 | 22°28 |
| W 15 | 21 35 7 | 22°35'01 | 25°15 | 10°39 | 7°23 | 16°37 | 24° 3 | 0°31 | 7° 8 | 20°51 | 8°39 | 2°D44 | 1°49 | 29°41 | 22°27 |
| T 16 | 21 39 4 | 23°32'40 | 7♐17 | 12°17 | 8°12 | 17°15 | 24°16 | 0°32 | 7° 6 | 20°53 | 8°38 | 2°45 | 1°46 | 29°48 | 22°26 |
| F 17 | 21 43 0 | 24°30'20 | 19° 2 | 13°54 | 9° 0 | 17°53 | 24°30 | 0°33 | 7° 5 | 20°55 | 8°37 | 2°46 | 1°42 | 29°55 | 22°25 |
| S 18 | 21 46 57 | 25°28'02 | 1♏ 4 | 15°29 | 9°48 | 18°30 | 24°43 | 0°35 | 7° 4 | 20°57 | 8°36 | 2°48 | 1°39 | 0♐11 | 22°24 |
| S 19 | 21 50 54 | 26°25'45 | 13°18 | 17° 3 | 10°34 | 19° 8 | 24°56 | 0°36 | 7° 2 | 20°58 | 8°36 | 2°49 | 1°36 | 0° 8 | 22°23 |
| M 20 | 21 54 50 | 27°23'30 | 25°46 | 18°36 | 11°20 | 19°46 | 25° 9 | 0°38 | 7° 1 | 21° 0 | 8°35 | 2°50 | 1°33 | 0°15 | 22°21 |
| T 21 | 21 58 47 | 28°21'16 | 8♏32 | 20° 7 | 12° 6 | 20°24 | 25°22 | 0°39 | 7° 0 | 21° 2 | 8°34 | 2°R50 | 1°30 | 0°21 | 22°20 |
| W 22 | 22 2 43 | 29°19'03 | 21°36 | 21°37 | 12°50 | 21° 3 | 25°35 | 0°41 | 6°59 | 21° 4 | 8°33 | 2°49 | 1°27 | 0°28 | 22°19 |
| T 23 | 22 6 40 | 0♐16'52 | 4♐59 | 23° 5 | 13°33 | 21°41 | 25°48 | 0°43 | 6°58 | 21° 6 | 8°32 | 2°47 | 1°23 | 0°35 | 22°17 |
| F 24 | 22 10 36 | 1°14'42 | 18°39 | 24°31 | 14°16 | 22°19 | 26° 1 | 0°45 | 6°56 | 21° 8 | 8°31 | 2°43 | 1°20 | 0°42 | 22°16 |
| S 25 | 22 14 33 | 2°12'34 | 2♏34 | 25°56 | 14°57 | 22°58 | 26°14 | 0°47 | 6°55 | 21° 9 | 8°30 | 2°39 | 1°17 | 0°48 | 22°14 |
| S 26 | 22 18 29 | 3°10'27 | 16°39 | 27°20 | 15°37 | 23°36 | 26°28 | 0°49 | 6°54 | 21°11 | 8°29 | 2°34 | 1°14 | 0°55 | 22°13 |
| M 27 | 22 22 26 | 4° 8'21 | 0♐51 | 28°42 | 16°17 | 24°15 | 26°41 | 0°51 | 6°53 | 21°13 | 8°28 | 2°30 | 1°11 | 1° 2 | 22°11 |
| T 28 | 22 26 22 | 5° 6'17 | 15° 6 | 0♏ 2 | 16°55 | 24°54 | 26°54 | 0°53 | 6°53 | 21°15 | 8°28 | 2°28 | 1° 7 | 1° 8 | 22°10 |
| W 29 | 22 30 19 | 6° 4'14 | 29°21 | 1°20 | 17°32 | 25°32 | 27° 7 | 0°56 | 6°52 | 21°16 | 8°27 | 2°26 | 1° 4 | 1°15 | 22° 8 |
| T 30 | 22 34 16 | 7° 2'13 | 12♏32 | 2°37 | 18° 8 | 26°11 | 27°20 | 0°58 | 6°51 | 21°18 | 8°26 | 2°D26 | 1° 1 | 1°22 | 22° 6 |
| F 31 | 22 38 12 | 8♐ 0'11 | 27♏39 | 3♏53 | 18♏42 | 26♏50 | 27♏33 | 1♏ 1 | 6♏50 | 21♏20 | 8°Y25 | 2♏27 | 0♏58 | 1♐28 | 22°Y 4 |

SWISS EPHEMERIS for the year 2074

SEPTEMBER 2074

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|--------|--------|-------|-------|------|-------|-------|-------|-------|-------|------|--------|
| S 1 | 22 42 9 | 8♂58'12 | 11♂39 | 5♂6 | 19♂16 | 27♂29 | 27♂46 | 1♂3 | 6♂R49 | 21♂21 | 8♂R24 | 2♂29 | 0♂55 | 1♂35 | 22♂R 3 |
| S 2 | 22 46 5 | 9°56'14 | 25°31 | 6°17 | 19°48 | 28° 8 | 27°59 | 1° 6 | 6♂49 | 21°23 | 8♂Y23 | 2°R30 | 0°52 | 1°42 | 22♂Y 1 |
| M 3 | 22 50 2 | 10°54'17 | 9♂15 | 7°27 | 20°18 | 28°47 | 28°12 | 1° 9 | 6°48 | 21°25 | 8°22 | 2°30 | 0°48 | 1°49 | 21°59 |
| T 4 | 22 53 58 | 11°52'22 | 22°47 | 8°34 | 20°47 | 29°27 | 28°25 | 1°12 | 6°47 | 21°26 | 8°21 | 2°28 | 0°45 | 1°55 | 21°57 |
| W 5 | 22 57 55 | 12°50'28 | 6♂8 | 9°39 | 21°15 | 0♂6 | 28°38 | 1°15 | 6°47 | 21°28 | 8°20 | 2°24 | 0°42 | 2° 2 | 21°55 |
| T 6 | 23 1 51 | 13°48'36 | 19°15 | 10°42 | 21°40 | 0°46 | 28°50 | 1°18 | 6°46 | 21°29 | 8°18 | 2°19 | 0°39 | 2° 9 | 21°53 |
| F 7 | 23 5 48 | 14°46'46 | 2♂Y 7 | 11°43 | 22° 5 | 1°25 | 29° 3 | 1°21 | 6°46 | 21°31 | 8°17 | 2°12 | 0°36 | 2°15 | 21°51 |
| S 8 | 23 9 45 | 15°44'57 | 14°44 | 12°41 | 22°27 | 2° 5 | 29°16 | 1°24 | 6°46 | 21°32 | 8°16 | 2° 4 | 0°33 | 2°22 | 21°49 |
| S 9 | 23 13 41 | 16°43'11 | 27° 6 | 13°36 | 22°48 | 2°44 | 29°29 | 1°28 | 6°45 | 21°34 | 8°15 | 1°57 | 0°29 | 2°29 | 21°47 |
| M10 | 23 17 38 | 17°41'26 | 9♂16 | 14°28 | 23° 7 | 3°24 | 29°42 | 1°31 | 6°45 | 21°35 | 8°14 | 1°50 | 0°26 | 2°35 | 21°45 |
| T 11 | 23 21 34 | 18°39'43 | 21°16 | 15°17 | 23°24 | 4° 4 | 29°55 | 1°34 | 6°45 | 21°36 | 8°13 | 1°44 | 0°23 | 2°42 | 21°43 |
| W12 | 23 25 31 | 19°38'03 | 3♂9 | 16° 3 | 23°39 | 4°44 | 0♂7 | 1°38 | 6°45 | 21°38 | 8°12 | 1°41 | 0°20 | 2°49 | 21°40 |
| T 13 | 23 29 27 | 20°36'24 | 15° 0 | 16°45 | 23°53 | 5°24 | 0°20 | 1°42 | 6°44 | 21°39 | 8°11 | 1°39 | 0°17 | 2°56 | 21°38 |
| F 14 | 23 33 24 | 21°34'48 | 26°54 | 17°24 | 24° 4 | 6° 4 | 0°33 | 1°45 | 6°44 | 21°41 | 8°10 | 1°D39 | 0°13 | 3° 2 | 21°36 |
| S 15 | 23 37 20 | 22°33'14 | 8♂55 | 17°58 | 24°13 | 6°44 | 0°45 | 1°49 | 6°D44 | 21°42 | 8° 9 | 1°40 | 0°10 | 3° 9 | 21°34 |
| S 16 | 23 41 17 | 23°31'41 | 21° 9 | 18°28 | 24°20 | 7°24 | 0°58 | 1°53 | 6°44 | 21°43 | 8° 7 | 1°41 | 0° 7 | 3°16 | 21°31 |
| M17 | 23 45 13 | 24°30'11 | 3♂41 | 18°53 | 24°25 | 8° 5 | 1°10 | 1°57 | 6°44 | 21°44 | 8° 6 | 1°R41 | 0° 4 | 3°22 | 21°29 |
| T 18 | 23 49 10 | 25°28'43 | 16°34 | 19°13 | 24°27 | 8°45 | 1°23 | 2° 1 | 6°44 | 21°46 | 8° 5 | 1°40 | 0° 1 | 3°29 | 21°27 |
| W19 | 23 53 7 | 26°27'17 | 29°51 | 19°28 | 24°R27 | 9°25 | 1°35 | 2° 5 | 6°45 | 21°47 | 8° 4 | 1°37 | 29♂58 | 3°36 | 21°24 |
| T 20 | 23 57 3 | 27°25'54 | 13♂32 | 19°36 | 24°25 | 10° 6 | 1°48 | 2°10 | 6°45 | 21°48 | 8° 3 | 1°31 | 29°54 | 3°42 | 21°22 |
| F 21 | 0 1 0 | 28°24'32 | 27°36 | 19°R39 | 24°21 | 10°47 | 2° 0 | 2°14 | 6°45 | 21°49 | 8° 2 | 1°24 | 29°51 | 3°49 | 21°19 |
| S 22 | 0 4 56 | 29°23'11 | 11♂58 | 19°35 | 24°14 | 11°27 | 2°13 | 2°18 | 6°45 | 21°50 | 8° 1 | 1°15 | 29°48 | 3°56 | 21°17 |
| S 23 | 0 8 53 | 0♂21'53 | 26°31 | 19°25 | 24° 5 | 12° 8 | 2°25 | 2°23 | 6°46 | 21°51 | 7°59 | 1° 5 | 29°45 | 4° 3 | 21°14 |
| M24 | 0 12 49 | 1°20'37 | 11♂9 | 19° 7 | 23°53 | 12°49 | 2°37 | 2°27 | 6°46 | 21°52 | 7°58 | 0°57 | 29°42 | 4° 9 | 21°12 |
| T 25 | 0 16 46 | 2°19'22 | 25°45 | 18°42 | 23°39 | 13°30 | 2°49 | 2°32 | 6°47 | 21°53 | 7°57 | 0°50 | 29°39 | 4°16 | 21° 9 |
| W26 | 0 20 42 | 3°18'10 | 10♂13 | 18°10 | 23°23 | 14°11 | 3° 2 | 2°36 | 6°47 | 21°54 | 7°56 | 0°46 | 29°35 | 4°23 | 21° 7 |
| T 27 | 0 24 39 | 4°16'59 | 24°29 | 17°30 | 23° 4 | 14°52 | 3°14 | 2°41 | 6°48 | 21°55 | 7°55 | 0°44 | 29°32 | 4°29 | 21° 4 |
| F 28 | 0 28 35 | 5°15'49 | 8♂31 | 16°44 | 22°43 | 15°33 | 3°26 | 2°46 | 6°48 | 21°56 | 7°54 | 0°D43 | 29°29 | 4°36 | 21° 1 |
| S 29 | 0 32 32 | 6°14'42 | 22°19 | 15°51 | 22°20 | 16°15 | 3°38 | 2°51 | 6°49 | 21°57 | 7°52 | 0°44 | 29°26 | 4°43 | 20°59 |
| S 30 | 0 36 29 | 7♂13'36 | 5♂52 | 14♂52 | 21♂55 | 16♂56 | 3♂50 | 2♂56 | 6♂50 | 21♂58 | 7♂51 | 0°R44 | 29♂23 | 4♂49 | 20♂56 |

Delta T = 166.53 sec.

OCTOBER 2074

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|--------|--------|--------|-------|------|------|------|--------|-------|--------|-------|------|--------|
| M 1 | 0 40 25 | 8♂12'31 | 19♂14 | 13°R49 | 21°R27 | 17♂37 | 4♂2 | 3♂1 | 6♂51 | 21♂59 | 7°R50 | 0°R42 | 29♂19 | 4♂56 | 20°R54 |
| T 2 | 0 44 22 | 9°11'29 | 2♂23 | 12♂43 | 20♂58 | 18°19 | 4°13 | 3° 6 | 6°51 | 21°59 | 7°Y49 | 0♂38 | 29°16 | 5° 3 | 20°Y51 |
| W 3 | 0 48 18 | 10°10'28 | 15°21 | 11°34 | 20°28 | 19° 0 | 4°25 | 3°11 | 6°52 | 22° 0 | 7°48 | 0°32 | 29°13 | 5°10 | 20°48 |
| T 4 | 0 52 15 | 11° 9'29 | 28° 8 | 10°26 | 19°55 | 19°42 | 4°37 | 3°16 | 6°53 | 22° 1 | 7°46 | 0°22 | 29°10 | 5°16 | 20°45 |
| F 5 | 0 56 11 | 12° 8'32 | 10♂Y45 | 9°19 | 19°22 | 20°24 | 4°49 | 3°21 | 6°54 | 22° 1 | 7°45 | 0°11 | 29° 7 | 5°23 | 20°43 |
| S 6 | 1 0 8 | 13° 7'37 | 23°10 | 8°15 | 18°47 | 21° 6 | 5° 0 | 3°27 | 6°55 | 22° 2 | 7°44 | 29♂58 | 29° 4 | 5°30 | 20°40 |
| S 7 | 1 4 4 | 14° 6'44 | 5♂24 | 7°17 | 18°11 | 21°47 | 5°12 | 3°32 | 6°56 | 22° 3 | 7°43 | 29°45 | 29° 0 | 5°36 | 20°37 |
| M 8 | 1 8 1 | 15° 5'54 | 17°28 | 6°26 | 17°35 | 22°29 | 5°23 | 3°37 | 6°57 | 22° 3 | 7°42 | 29°33 | 28°57 | 5°43 | 20°35 |
| T 9 | 1 11 58 | 16° 5'05 | 29°25 | 5°43 | 16°58 | 23°11 | 5°35 | 3°43 | 6°59 | 22° 4 | 7°41 | 29°22 | 28°54 | 5°50 | 20°32 |
| W10 | 1 15 54 | 17° 4'19 | 11♂15 | 5°10 | 16°21 | 23°53 | 5°46 | 3°48 | 7° 0 | 22° 4 | 7°39 | 29°15 | 28°51 | 5°56 | 20°29 |
| T 11 | 1 19 51 | 18° 3'35 | 23° 4 | 4°46 | 15°45 | 24°36 | 5°57 | 3°54 | 7° 1 | 22° 5 | 7°38 | 29°10 | 28°48 | 6° 3 | 20°26 |
| F 12 | 1 23 47 | 19° 2'53 | 4♂55 | 4°34 | 15° 8 | 25°18 | 6° 8 | 4° 0 | 7° 2 | 22° 5 | 7°37 | 29° 7 | 28°44 | 6°10 | 20°24 |
| S 13 | 1 27 44 | 20° 2'14 | 16°54 | 4°D32 | 14°32 | 26° 0 | 6°19 | 4° 5 | 7° 4 | 22° 6 | 7°36 | 29°D 7 | 28°41 | 6°16 | 20°21 |
| S 14 | 1 31 40 | 21° 1'37 | 29° 5 | 4°41 | 13°57 | 26°42 | 6°31 | 4°11 | 7° 5 | 22° 6 | 7°35 | 29°R 7 | 28°38 | 6°23 | 20°18 |
| M15 | 1 35 37 | 22° 1'02 | 11♂25 | 5° 1 | 13°23 | 27°25 | 6°41 | 4°17 | 7° 7 | 22° 7 | 7°34 | 29° 6 | 28°35 | 6°30 | 20°15 |
| T 16 | 1 39 33 | 23° 0'30 | 24°27 | 5°31 | 12°50 | 28° 7 | 6°52 | 4°23 | 7° 8 | 22° 7 | 7°32 | 29° 4 | 28°32 | 6°37 | 20°13 |
| W17 | 1 43 30 | 24° 0'00 | 7♂47 | 6°10 | 12°19 | 28°50 | 7° 3 | 4°29 | 7°10 | 22° 7 | 7°31 | 29° 0 | 28°29 | 6°43 | 20°10 |
| T 18 | 1 47 26 | 24°59'31 | 21°35 | 6°57 | 11°49 | 29°33 | 7°14 | 4°35 | 7°11 | 22° 7 | 7°30 | 28°53 | 28°25 | 6°50 | 20° 7 |
| F 19 | 1 51 23 | 25°59'06 | 5♂51 | 7°53 | 11°21 | 0♂15 | 7°25 | 4°41 | 7°13 | 22° 8 | 7°29 | 28°43 | 28°22 | 6°57 | 20° 4 |
| S 20 | 1 55 20 | 26°58'42 | 20°30 | 8°55 | 10°55 | 0°58 | 7°35 | 4°47 | 7°15 | 22° 8 | 7°28 | 28°32 | 28°19 | 7° 3 | 20° 2 |
| S 21 | 1 59 16 | 27°58'20 | 5♂26 | 10° 4 | 10°31 | 1°41 | 7°46 | 4°53 | 7°17 | 22° 8 | 7°27 | 28°20 | 28°16 | 7°10 | 19°59 |
| M22 | 2 3 13 | 28°58'01 | 20°30 | 11°18 | 10° 9 | 2°24 | 7°56 | 4°59 | 7°18 | 22° 8 | 7°26 | 28° 9 | 28°13 | 7°17 | 19°56 |
| T 23 | 2 7 9 | 29°57'43 | 5♂30 | 12°36 | 9°49 | 3° 7 | 8° 6 | 5° 5 | 7°20 | 22° 8 | 7°25 | 28° 0 | 28°10 | 7°23 | 19°54 |
| W24 | 2 11 6 | 0♂57'27 | 20°18 | 13°59 | 9°32 | 3°50 | 8°16 | 5°12 | 7°22 | 22° 8 | 7°24 | 27°54 | 28° 6 | 7°30 | 19°51 |
| T 25 | 2 15 2 | 1°57'13 | 4♂49 | 15°25 | 9°17 | 4°33 | 8°26 | 5°18 | 7°24 | 22°R 8 | 7°23 | 27°51 | 28° 3 | 7°37 | 19°48 |
| F 26 | 2 18 59 | 2°57'00 | 18°58 | 16°54 | 9° 5 | 5°16 | 8°36 | 5°24 | 7°26 | 22° 8 | 7°22 | 27°49 | 28° 0 | 7°44 | 19°46 |
| S 27 | 2 22 55 | 3°56'50 | 2♂46 | 18°25 | 8°54 | 6° 0 | 8°46 | 5°31 | 7°28 | 22° 8 | 7°20 | 27°49 | 27°57 | 7°50 | 19°43 |
| S 28 | 2 26 52 | 4°56'40 | 16°14 | 19°58 | 8°47 | 6°43 | 8°56 | 5°37 | 7°30 | 22° 8 | 7°19 | 27°49 | 27°54 | 7°57 | 19°40 |
| M29 | 2 30 49 | 5°56'33 | 29°23 | 21°32 | 8°42 | 7°27 | 9° 6 | 5°44 | 7°32 | 22° 8 | 7°18 | 27°47 | 27°50 | 8° 4 | 19°38 |
| T 30 | 2 34 45 | 6°56'27 | 12♂17 | 23° 8 | 8°39 | 8°10 | 9°15 | 5°50 | 7°34 | 22° 8 | 7°17 | 27°43 | 27°47 | 8°10 | 19°35 |
| W31 | 2 38 42 | 7♂56'22 | 24♂58 | 24♂45 | 8°D38 | 8♂54 | 9♂25 | 5♂57 | 7♂37 | 22♂8 | 7°Y16 | 27♂36 | 27♂44 | 8♂17 | 19♂33 |

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SWISS EPHEMERIS for the year 2074

NOVEMBER 2074

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|-------|-------|-------|-------|-------|------|------|--------|-------|--------|-------|-------|--------|
| T 1 | 2 42 38 | 8♈56'20 | 7♏28 | 26♌22 | 8♌41 | 9♌37 | 9♈34 | 6♌3 | 7♏39 | 22°R 7 | 7°R15 | 27°R26 | 27♌41 | 8♈24 | 19°R30 |
| F 2 | 2 46 35 | 9°56'19 | 19°48 | 28° 0 | 8°45 | 10°21 | 9°44 | 6°10 | 7°41 | 22° 7 | 7°14 | 27♌14 | 27°38 | 8°30 | 19°27 |
| S 3 | 2 50 31 | 10°56'20 | 2♌0 | 29°39 | 8°52 | 11° 5 | 9°53 | 6°16 | 7°43 | 22° 7 | 7°14 | 27° 0 | 27°35 | 8°37 | 19°25 |
| S 4 | 2 54 28 | 11°56'22 | 14° 4 | 1♈17 | 9° 1 | 11°48 | 10° 2 | 6°23 | 7°46 | 22° 7 | 7°13 | 26°46 | 27°31 | 8°44 | 19°22 |
| M 5 | 2 58 24 | 12°56'27 | 26° 2 | 2°56 | 9°12 | 12°32 | 10°11 | 6°30 | 7°48 | 22° 6 | 7°12 | 26°33 | 27°28 | 8°50 | 19°20 |
| T 6 | 3 2 21 | 13°56'33 | 7♈55 | 4°35 | 9°25 | 13°16 | 10°20 | 6°36 | 7°51 | 22° 6 | 7°11 | 26°22 | 27°25 | 8°57 | 19°18 |
| W 7 | 3 6 18 | 14°56'42 | 19°44 | 6°13 | 9°41 | 14° 0 | 10°28 | 6°43 | 7°53 | 22° 5 | 7°10 | 26°14 | 27°22 | 9° 4 | 19°15 |
| T 8 | 3 10 14 | 15°56'52 | 1♌32 | 7°52 | 9°59 | 14°44 | 10°37 | 6°50 | 7°56 | 22° 5 | 7° 9 | 26° 8 | 27°19 | 9°10 | 19°13 |
| F 9 | 3 14 11 | 16°57'05 | 13°23 | 9°30 | 10°18 | 15°29 | 10°45 | 6°57 | 7°58 | 22° 4 | 7° 8 | 26° 5 | 27°16 | 9°17 | 19°10 |
| S 10 | 3 18 7 | 17°57'19 | 25°20 | 11° 8 | 10°40 | 16°13 | 10°54 | 7° 4 | 8° 1 | 22° 4 | 7° 7 | 26°D 4 | 27°12 | 9°24 | 19° 8 |
| S 11 | 3 22 4 | 18°57'36 | 7♈29 | 12°46 | 11° 3 | 16°57 | 11° 2 | 7°11 | 8° 3 | 22° 3 | 7° 6 | 26° 5 | 27° 9 | 9°31 | 19° 6 |
| M 12 | 3 26 0 | 19°57'54 | 19°55 | 14°23 | 11°28 | 17°41 | 11°10 | 7°17 | 8° 6 | 22° 3 | 7° 6 | 26°R 5 | 27° 6 | 9°37 | 19° 3 |
| T 13 | 3 29 57 | 20°58'14 | 2♈42 | 16° 1 | 11°55 | 18°26 | 11°18 | 7°24 | 8° 9 | 22° 2 | 7° 5 | 26° 4 | 27° 3 | 9°44 | 19° 1 |
| W 14 | 3 33 53 | 21°58'36 | 15°56 | 17°38 | 12°24 | 19°10 | 11°26 | 7°31 | 8°11 | 22° 2 | 7° 4 | 26° 2 | 27° 0 | 9°51 | 18°59 |
| T 15 | 3 37 50 | 22°59'01 | 29°39 | 19°14 | 12°54 | 19°55 | 11°33 | 7°38 | 8°14 | 22° 1 | 7° 3 | 25°57 | 26°56 | 9°57 | 18°57 |
| F 16 | 3 41 47 | 23°59'27 | 13♌52 | 20°51 | 13°26 | 20°39 | 11°41 | 7°45 | 8°17 | 22° 0 | 7° 2 | 25°49 | 26°53 | 10° 4 | 18°55 |
| S 17 | 3 45 43 | 24°59'54 | 28°33 | 22°27 | 13°59 | 21°24 | 11°48 | 7°52 | 8°20 | 21°59 | 7° 2 | 25°41 | 26°50 | 10°11 | 18°53 |
| S 18 | 3 49 40 | 26° 0'24 | 13♈36 | 24° 3 | 14°34 | 22° 9 | 11°56 | 7°59 | 8°23 | 21°59 | 7° 1 | 25°31 | 26°47 | 10°17 | 18°51 |
| M 19 | 3 53 36 | 27° 0'55 | 28°51 | 25°39 | 15°10 | 22°53 | 12° 3 | 8° 6 | 8°26 | 21°58 | 7° 0 | 25°22 | 26°44 | 10°24 | 18°48 |
| T 20 | 3 57 33 | 28° 1'28 | 14♌7 | 27°14 | 15°47 | 23°38 | 12°10 | 8°13 | 8°28 | 21°57 | 7° 0 | 25°14 | 26°41 | 10°31 | 18°47 |
| W 21 | 4 1 29 | 29° 2'03 | 29°15 | 28°49 | 16°26 | 24°23 | 12°17 | 8°20 | 8°31 | 21°56 | 6°59 | 25° 9 | 26°37 | 10°37 | 18°45 |
| T 22 | 4 5 26 | 0♌239 | 14♌24 | 0♌24 | 17° 6 | 25° 8 | 12°24 | 8°27 | 8°34 | 21°55 | 6°58 | 25° 7 | 26°34 | 10°44 | 18°43 |
| F 23 | 4 9 22 | 1° 3'16 | 28°29 | 1°59 | 17°47 | 25°53 | 12°30 | 8°34 | 8°37 | 21°54 | 6°58 | 25°D 6 | 26°31 | 10°51 | 18°41 |
| S 24 | 4 13 19 | 2° 3'54 | 12♌28 | 3°34 | 18°29 | 26°38 | 12°37 | 8°41 | 8°40 | 21°53 | 6°57 | 25° 7 | 26°28 | 10°57 | 18°39 |
| S 25 | 4 17 16 | 3° 4'33 | 26° 1 | 5° 8 | 19°13 | 27°23 | 12°43 | 8°49 | 8°44 | 21°52 | 6°56 | 25° 8 | 26°25 | 11° 4 | 18°37 |
| M 26 | 4 21 12 | 4° 5'13 | 9♈11 | 6°42 | 19°57 | 28° 8 | 12°49 | 8°56 | 8°47 | 21°51 | 6°56 | 25°R 8 | 26°22 | 11°11 | 18°35 |
| T 27 | 4 25 9 | 5° 5'54 | 22° 0 | 8°16 | 20°42 | 28°54 | 12°55 | 9° 3 | 8°50 | 21°50 | 6°55 | 25° 6 | 26°18 | 11°18 | 18°34 |
| W 28 | 4 29 5 | 6° 6'37 | 4♏32 | 9°50 | 21°29 | 29°39 | 13° 1 | 9°10 | 8°53 | 21°49 | 6°55 | 25° 3 | 26°15 | 11°24 | 18°32 |
| T 29 | 4 33 2 | 7° 7'20 | 16°51 | 11°24 | 22°16 | 0♌24 | 13° 6 | 9°17 | 8°56 | 21°48 | 6°54 | 24°57 | 26°12 | 11°31 | 18°30 |
| F 30 | 4 36 58 | 8♌8'04 | 29♏1 | 12♌58 | 23♌4 | 1♌10 | 13♈12 | 9♌24 | 8♌59 | 21♌47 | 6♏54 | 24♌49 | 26♌9 | 11♈38 | 18♏29 |

Delta T = 166.84 sec.

DECEMBER 2074

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|----------|-------|-------|-------|-------|--------|-------|-------|--------|-------|--------|-------|-------|--------|
| S 1 | 4 40 55 | 9♌8'50 | 11♌2 | 14♌31 | 23♌54 | 1♌55 | 13♈17 | 9♌31 | 9♌3 | 21°R46 | 6°R53 | 24°R40 | 26♌6 | 11♈44 | 18°R27 |
| S 2 | 4 44 51 | 10° 9'37 | 22°58 | 16° 5 | 24°44 | 2°40 | 13°23 | 9°38 | 9° 6 | 21°45 | 6°53 | 24°31 | 26° 2 | 11°51 | 18°26 |
| M 3 | 4 48 48 | 11°10'25 | 4♈50 | 17°39 | 25°34 | 3°26 | 13°28 | 9°45 | 9° 9 | 21°44 | 6°53 | 24°22 | 25°59 | 11°58 | 18°24 |
| T 4 | 4 52 45 | 12°11'14 | 16°41 | 19°12 | 26°26 | 4°12 | 13°32 | 9°52 | 9°12 | 21°42 | 6°52 | 24°15 | 25°56 | 12° 4 | 18°23 |
| W 5 | 4 56 41 | 13°12'04 | 28°30 | 20°45 | 27°18 | 4°57 | 13°37 | 10° 0 | 9°16 | 21°41 | 6°52 | 24°10 | 25°53 | 12°11 | 18°22 |
| T 6 | 5 0 38 | 14°12'55 | 10♌22 | 22°19 | 28°11 | 5°43 | 13°42 | 10° 7 | 9°19 | 21°40 | 6°51 | 24° 7 | 25°50 | 12°18 | 18°21 |
| F 7 | 5 4 34 | 15°13'48 | 22°17 | 23°52 | 29° 5 | 6°29 | 13°46 | 10°14 | 9°22 | 21°39 | 6°51 | 24°D 6 | 25°47 | 12°24 | 18°19 |
| S 8 | 5 8 31 | 16°14'41 | 4♈19 | 25°25 | 29°59 | 7°14 | 13°50 | 10°21 | 9°26 | 21°37 | 6°51 | 24° 6 | 25°43 | 12°31 | 18°18 |
| S 9 | 5 12 27 | 17°15'36 | 16°31 | 26°59 | 0♈55 | 8° 0 | 13°54 | 10°28 | 9°29 | 21°36 | 6°50 | 24° 8 | 25°40 | 12°38 | 18°17 |
| M 10 | 5 16 24 | 18°16'32 | 28°58 | 28°32 | 1°50 | 8°46 | 13°58 | 10°35 | 9°32 | 21°35 | 6°50 | 24° 9 | 25°37 | 12°44 | 18°16 |
| T 11 | 5 20 21 | 19°17'30 | 11♈43 | 0♌5 | 2°47 | 9°32 | 14° 2 | 10°42 | 9°36 | 21°33 | 6°50 | 24°11 | 25°34 | 12°51 | 18°15 |
| W 12 | 5 24 17 | 20°18'28 | 24°50 | 1°38 | 3°43 | 10°18 | 14° 5 | 10°49 | 9°39 | 21°32 | 6°50 | 24°R11 | 25°31 | 12°58 | 18°14 |
| T 13 | 5 28 14 | 21°19'27 | 8♌23 | 3°11 | 4°41 | 11° 4 | 14° 8 | 10°56 | 9°43 | 21°31 | 6°50 | 24°10 | 25°27 | 13° 4 | 18°13 |
| F 14 | 5 32 10 | 22°20'28 | 22°24 | 4°44 | 5°39 | 11°50 | 14°12 | 11° 3 | 9°46 | 21°29 | 6°49 | 24° 7 | 25°24 | 13°11 | 18°12 |
| S 15 | 5 36 7 | 23°21'30 | 6♈51 | 6°17 | 6°37 | 12°36 | 14°15 | 11°10 | 9°50 | 21°28 | 6°49 | 24° 3 | 25°21 | 13°18 | 18°11 |
| S 16 | 5 40 3 | 24°22'33 | 21°42 | 7°49 | 7°36 | 13°22 | 14°17 | 11°17 | 9°53 | 21°26 | 6°49 | 23°58 | 25°18 | 13°24 | 18°11 |
| M 17 | 5 44 0 | 25°23'36 | 6♌50 | 9°22 | 8°36 | 14° 9 | 14°20 | 11°24 | 9°57 | 21°25 | 6°49 | 23°54 | 25°15 | 13°31 | 18°10 |
| T 18 | 5 47 56 | 26°24'41 | 22° 4 | 10°54 | 9°36 | 14°55 | 14°22 | 11°31 | 10° 0 | 21°23 | 6°49 | 23°51 | 25°12 | 13°38 | 18° 9 |
| W 19 | 5 51 53 | 27°25'46 | 7♌16 | 12°25 | 10°36 | 15°41 | 14°24 | 11°38 | 10° 4 | 21°22 | 6°49 | 23°48 | 25° 8 | 13°45 | 18° 9 |
| T 20 | 5 55 50 | 28°26'52 | 22°15 | 13°56 | 11°37 | 16°28 | 14°26 | 11°45 | 10° 7 | 21°20 | 6°49 | 23°D48 | 25° 5 | 13°51 | 18° 8 |
| F 21 | 5 59 46 | 29°27'59 | 6♌53 | 15°27 | 12°38 | 17°14 | 14°28 | 11°52 | 10°11 | 21°19 | 6°D49 | 23°48 | 25° 2 | 13°58 | 18° 8 |
| S 22 | 6 3 43 | 0♌29'05 | 21° 6 | 16°56 | 13°40 | 18° 0 | 14°30 | 11°59 | 10°14 | 21°17 | 6°49 | 23°49 | 24°59 | 14° 5 | 18° 7 |
| S 23 | 6 7 39 | 1°30'12 | 4♈51 | 18°25 | 14°42 | 18°47 | 14°31 | 12° 6 | 10°18 | 21°16 | 6°49 | 23°51 | 24°56 | 14°11 | 18° 7 |
| M 24 | 6 11 36 | 2°31'19 | 18°10 | 19°52 | 15°44 | 19°33 | 14°33 | 12°13 | 10°22 | 21°14 | 6°49 | 23°52 | 24°53 | 14°18 | 18° 6 |
| T 25 | 6 15 32 | 3°32'26 | 1°14 | 21°18 | 16°47 | 20°20 | 14°34 | 12°19 | 10°25 | 21°12 | 6°49 | 23°R53 | 24°49 | 14°25 | 18° 6 |
| W 26 | 6 19 29 | 4°33'33 | 13°37 | 22°43 | 17°50 | 21° 7 | 14°34 | 12°26 | 10°29 | 21°11 | 6°49 | 23°53 | 24°46 | 14°31 | 18° 6 |
| T 27 | 6 23 25 | 5°34'41 | 25°54 | 24° 5 | 18°54 | 21°53 | 14°35 | 12°33 | 10°32 | 21° 9 | 6°49 | 23°51 | 24°43 | 14°38 | 18° 6 |
| F 28 | 6 27 22 | 6°35'48 | 7♌58 | 25°25 | 19°57 | 22°40 | 14°36 | 12°40 | 10°36 | 21° 8 | 6°49 | 23°49 | 24°40 | 14°45 | 18° 6 |
| S 29 | 6 31 19 | 7°36'56 | 19°54 | 26°42 | 21° 1 | 23°26 | 14°36 | 12°46 | 10°39 | 21° 6 | 6°50 | 23°47 | 24°37 | 14°51 | 18°D 6 |
| S 30 | 6 35 15 | 8°38'03 | 1♈45 | 27°56 | 22° 6 | 24°13 | 14°R36 | 12°53 | 10°43 | 21° 4 | 6°50 | 23°44 | 24°33 | 14°58 | 18° 6 |
| M 31 | 6 39 12 | 9♌39'11 | 13♈34 | 29♌6 | 23♈10 | 25♌0 | 14♈36 | 13♌0 | 10♌47 | 21♌3 | 6♏50 | 23♌42 | 24♌30 | 15♈5 | 18♏6 |

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