

SWISS EPHEMERIS for the year 1564

MARCH 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
W 1	11 14 18	20 ^h 26'04"	21 ^h 58'	8 ^h 12'	8 ^h 26'	6 ^h 45'	28 ^h R28	26 ^h R49	7 ^h 56'	5 ^h 16'	14 ^h 14'	4 ^h R24	4 ^h 5'	20 ^h 17'	20 ^h 21'
T 2	11 18 14	21 ^h 25'43"	3 ^h 15'58"	9 ^h 31'	9 ^h 40'	7 ^h 18'	28 ^h 26'	26 ^h 247	7 ^h 56'	5 ^h 17'	14 ^h 15'	4 ^h 14'	4 ^h 2'	20 ^h 24'	20 ^h 25'
F 3	11 22 11	22 ^h 25'20"	16 ^h 6'	10 ^h 44'	10 ^h 54'	7 ^h 52'	28 ^h 23'	26 ^h 45'	7 ^h R56	5 ^h 18'	14 ^h 17'	4 ^h 6'	3 ^h 59'	20 ^h 31'	20 ^h 28'
S 4	11 26 8	23 ^h 24'55"	28 ^h 24'	11 ^h 51'	12 ^h 9'	8 ^h 25'	28 ^h 21'	26 ^h 44'	7 ^h 56'	5 ^h 19'	14 ^h 18'	4 ^h 1'	3 ^h 55'	20 ^h 37'	20 ^h 31'
S 5	11 30 4	24 ^h 24'28"	10 ^h 56'	12 ^h 50'	13 ^h 23'	8 ^h 59'	28 ^h 19'	26 ^h 42'	7 ^h 56'	5 ^h 20'	14 ^h 20'	3 ^h 59'	3 ^h 52'	20 ^h 44'	20 ^h 35'
M 6	11 34 1	25 ^h 24'00"	23 ^h 45'	13 ^h 43'	14 ^h 37'	9 ^h 32'	28 ^h 17'	26 ^h 41'	7 ^h 55'	5 ^h 21'	14 ^h 22'	3 ^h D59	3 ^h 49'	20 ^h 51'	20 ^h 38'
T 7	11 37 57	26 ^h 23'30"	6 ^h 57'	14 ^h 28'	15 ^h 51'	10 ^h 6'	28 ^h 16'	26 ^h 39'	7 ^h 55'	5 ^h 22'	14 ^h 23'	3 ^h R59	3 ^h 46'	20 ^h 58'	20 ^h 41'
W 8	11 41 54	27 ^h 22'58"	20 ^h 35'	15 ^h 6'	17 ^h 5'	10 ^h 40'	28 ^h 14'	26 ^h 38'	7 ^h 55'	5 ^h 23'	14 ^h 25'	3 ^h 58'	3 ^h 43'	21 ^h 4'	20 ^h 44'
T 9	11 45 50	28 ^h 22'25"	4 ^h 40'	15 ^h 37'	18 ^h 19'	11 ^h 13'	28 ^h 13'	26 ^h 37'	7 ^h 55'	5 ^h 24'	14 ^h 26'	3 ^h 55'	3 ^h 40'	21 ^h 11'	20 ^h 47'
F 10	11 49 47	29 ^h 21'49"	19 ^h 13'	15 ^h 59'	19 ^h 33'	11 ^h 47'	28 ^h 12'	26 ^h 36'	7 ^h 54'	5 ^h 25'	14 ^h 28'	3 ^h 50'	3 ^h 36'	21 ^h 18'	20 ^h 50'
S 11	11 53 43	0 ^h 21'12"	4 ^h 10'	16 ^h 14'	20 ^h 47'	12 ^h 21'	28 ^h 11'	26 ^h 35'	7 ^h 54'	5 ^h 26'	14 ^h 29'	3 ^h 43'	3 ^h 33'	21 ^h 24'	20 ^h 53'
S 12	11 57 40	1 ^h 20'33"	19 ^h 24'	16 ^h R22	22 ^h 1'	12 ^h 55'	28 ^h 11'	26 ^h 35'	7 ^h 54'	5 ^h 27'	14 ^h 31'	3 ^h 32'	3 ^h 30'	21 ^h 31'	20 ^h 56'
M13	12 1 37	2 ^h 19'51"	4 ^h 44'	16 ^h 21'	23 ^h 15'	13 ^h 29'	28 ^h 10'	26 ^h 34'	7 ^h 53'	5 ^h 28'	14 ^h 32'	3 ^h 21'	3 ^h 27'	21 ^h 38'	20 ^h 59'
T 14	12 5 33	3 ^h 19'08"	19 ^h 58'	16 ^h 14'	24 ^h 29'	14 ^h 3'	28 ^h 10'	26 ^h 33'	7 ^h 52'	5 ^h 30'	14 ^h 34'	3 ^h 10'	3 ^h 24'	21 ^h 45'	21 ^h 1'
W15	12 9 30	4 ^h 18'23"	4 ^h 56'	16 ^h 0'	25 ^h 42'	14 ^h 38'	28 ^h D10	26 ^h 33'	7 ^h 52'	5 ^h 31'	14 ^h 35'	3 ^h 0'	3 ^h 21'	21 ^h 51'	21 ^h 4'
T 16	12 13 26	5 ^h 17'35"	19 ^h 30'	15 ^h 39'	26 ^h 56'	15 ^h 12'	28 ^h 10'	26 ^h 33'	7 ^h 51'	5 ^h 32'	14 ^h 37'	2 ^h 53'	3 ^h 17'	21 ^h 58'	21 ^h 6'
F 17	12 17 23	6 ^h 16'45"	3 ^h 13'35"	15 ^h 12'	28 ^h 10'	15 ^h 46'	28 ^h 11'	26 ^h 32'	7 ^h 50'	5 ^h 34'	14 ^h 38'	2 ^h 48'	3 ^h 14'	22 ^h 5'	21 ^h 9'
S 18	12 21 19	7 ^h 15'53"	17 ^h 10'	14 ^h 40'	29 ^h 24'	16 ^h 20'	28 ^h 11'	26 ^h D32	7 ^h 50'	5 ^h 35'	14 ^h 40'	2 ^h 46'	3 ^h 11'	22 ^h 11'	21 ^h 11'
S 19	12 25 16	8 ^h 14'58"	0 ^h 56'	14 ^h 3'	0 ^h 37'	16 ^h 55'	28 ^h 12'	26 ^h 32'	7 ^h 49'	5 ^h 36'	14 ^h 41'	2 ^h 45'	3 ^h 8'	22 ^h 18'	21 ^h 14'
M20	12 29 12	9 ^h 14'01"	12 ^h 59'	13 ^h 23'	1 ^h 51'	17 ^h 29'	28 ^h 13'	26 ^h 32'	7 ^h 48'	5 ^h 38'	14 ^h 43'	2 ^h 45'	3 ^h 5'	22 ^h 25'	21 ^h 16'
T 21	12 33 9	10 ^h 13'02"	25 ^h 22'	12 ^h 39'	3 ^h 4'	18 ^h 4'	28 ^h 14'	26 ^h 33'	7 ^h 47'	5 ^h 39'	14 ^h 44'	2 ^h 45'	3 ^h 1'	22 ^h 32'	21 ^h 18'
W22	12 37 6	11 ^h 12'01"	7 ^h 13'	11 ^h 54'	4 ^h 18'	18 ^h 38'	28 ^h 15'	26 ^h 33'	7 ^h 46'	5 ^h 41'	14 ^h 46'	2 ^h 42'	2 ^h 58'	22 ^h 38'	21 ^h 20'
T 23	12 41 2	12 ^h 10'57"	19 ^h 30'	11 ^h 7'	5 ^h 31'	19 ^h 13'	28 ^h 17'	26 ^h 33'	7 ^h 45'	5 ^h 42'	14 ^h 47'	2 ^h 37'	2 ^h 55'	22 ^h 45'	21 ^h 22'
F 24	12 44 59	13 ^h 9'51"	1 ^h 23'	10 ^h 20'	6 ^h 45'	19 ^h 47'	28 ^h 18'	26 ^h 34'	7 ^h 44'	5 ^h 43'	14 ^h 48'	2 ^h 29'	2 ^h 52'	22 ^h 52'	21 ^h 24'
S 25	12 48 55	14 ^h 8'42"	13 ^h 14'	9 ^h 34'	7 ^h 58'	20 ^h 22'	28 ^h 20'	26 ^h 35'	7 ^h 43'	5 ^h 45'	14 ^h 50'	2 ^h 19'	2 ^h 49'	22 ^h 59'	21 ^h 26'
S 26	12 52 52	15 ^h 7'32"	25 ^h 6'	8 ^h 49'	9 ^h 12'	20 ^h 57'	28 ^h 22'	26 ^h 35'	7 ^h 42'	5 ^h 47'	14 ^h 51'	2 ^h 7'	2 ^h 46'	23 ^h 5'	21 ^h 28'
M27	12 56 48	16 ^h 6'19"	7 ^h 0'	8 ^h 7'	10 ^h 25'	21 ^h 32'	28 ^h 24'	26 ^h 36'	7 ^h 41'	5 ^h 48'	14 ^h 53'	1 ^h 53'	2 ^h 42'	23 ^h 12'	21 ^h 30'
T 28	13 0 45	17 ^h 5'04"	18 ^h 58'	7 ^h 27'	11 ^h 38'	22 ^h 6'	28 ^h 27'	26 ^h 37'	7 ^h 39'	5 ^h 50'	14 ^h 54'	1 ^h 39'	2 ^h 39'	23 ^h 19'	21 ^h 31'
W29	13 4 41	18 ^h 3'47"	1 ^h 11'	6 ^h 51'	12 ^h 51'	22 ^h 41'	28 ^h 29'	26 ^h 38'	7 ^h 38'	5 ^h 51'	14 ^h 55'	1 ^h 27'	2 ^h 36'	23 ^h 25'	21 ^h 33'
T 30	13 8 38	19 ^h 2'29"	13 ^h 11'	6 ^h 19'	14 ^h 5'	23 ^h 16'	28 ^h 32'	26 ^h 39'	7 ^h 37'	5 ^h 53'	14 ^h 57'	1 ^h 17'	2 ^h 33'	23 ^h 32'	21 ^h 35'
F 31	13 12 34	20 ^h 1'09"	25 ^h 11'29"	5 ^h 52'	15 ^h 18'	23 ^h 11'51"	28 ^h 35'	26 ^h 41'	7 ^h 36'	5 ^h 55'	14 ^h 58'	1 ^h 9'	2 ^h 30'	23 ^h 39'	21 ^h 36'

Delta T = 127.83 sec. Julian Calendar 1 March 1564 == Greg. Calendar 11 March 1564

APRIL 1564 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	13 16 31	20 ^h 59'59"	7 ^h 56'	5 ^h R29	16 ^h 31'	24 ^h 11'26"	28 ^h 38'	26 ^h 42'	7 ^h R34	5 ^h 11'56"	14 ^h 59'	1 ^h R 4	2 ^h 30'27"	23 ^h 46'	21 ^h 37'
S 2	13 20 28	21 ^h 58'22"	20 ^h 35'	5 ^h 11'	17 ^h 44'	25 ^h 1'	28 ^h 41'	26 ^h 44'	7 ^h 33'	5 ^h 58'	15 ^h 1'	1 ^h 30'2'	2 ^h 23'	23 ^h 52'	21 ^h 39'
M 3	13 24 24	22 ^h 56'57"	3 ^h 32'28"	4 ^h 58'	18 ^h 57'	25 ^h 36'	28 ^h 45'	26 ^h 45'	7 ^h 31'	6 ^h 0'	15 ^h 2'	1 ^h D 1	2 ^h 20'	23 ^h 59'	21 ^h 40'
T 4	13 28 21	23 ^h 55'30"	16 ^h 40'	4 ^h 50'	20 ^h 10'	26 ^h 11'	28 ^h 48'	26 ^h 47'	7 ^h 30'	6 ^h 1'	15 ^h 3'	1 ^h 2'	2 ^h 17'	24 ^h 6'	21 ^h 41'
W 5	13 32 17	24 ^h 54'01"	0 ^h 13'	4 ^h D48	21 ^h 23'	26 ^h 46'	28 ^h 52'	26 ^h 49'	7 ^h 28'	6 ^h 3'	15 ^h 4'	1 ^h R 2	2 ^h 14'	24 ^h 12'	21 ^h 42'
T 6	13 36 14	25 ^h 52'30"	14 ^h 8'	4 ^h 50'	22 ^h 36'	27 ^h 21'	28 ^h 56'	26 ^h 51'	7 ^h 27'	6 ^h 5'	15 ^h 6'	1 ^h 0'	2 ^h 11'	24 ^h 19'	21 ^h 43'
F 7	13 40 10	26 ^h 50'58"	28 ^h 27'	4 ^h 58'	23 ^h 49'	27 ^h 56'	29 ^h 0'	26 ^h 53'	7 ^h 25'	6 ^h 7'	15 ^h 7'	0 ^h 57'	2 ^h 7'	24 ^h 26'	21 ^h 44'
S 8	13 44 7	27 ^h 49'24"	13 ^h 7'	5 ^h 10'	25 ^h 1'	28 ^h 31'	29 ^h 5'	26 ^h 55'	7 ^h 23'	6 ^h 9'	15 ^h 8'	0 ^h 51'	2 ^h 4'	24 ^h 33'	21 ^h 45'
S 9	13 48 3	28 ^h 47'49"	28 ^h 4'	5 ^h 27'	26 ^h 14'	29 ^h 7'	29 ^h 9'	26 ^h 57'	7 ^h 21'	6 ^h 11'	15 ^h 9'	0 ^h 43'	2 ^h 1'	24 ^h 39'	21 ^h 46'
M10	13 52 0	29 ^h 46'11"	13 ^h 19'	5 ^h 49'	27 ^h 27'	29 ^h 42'	29 ^h 14'	27 ^h 0'	7 ^h 20'	6 ^h 12'	15 ^h 11'	0 ^h 34'	1 ^h 58'	24 ^h 46'	21 ^h 46'
T 11	13 55 57	0 ^h 44'33"	28 ^h 13'	6 ^h 15'	28 ^h 40'	0 ^h 51'	29 ^h 18'	27 ^h 2'	7 ^h 18'	6 ^h 14'	15 ^h 12'	0 ^h 25'	1 ^h 55'	24 ^h 53'	21 ^h 47'
W12	13 59 53	1 ^h 42'52"	13 ^h 8'	6 ^h 45'	29 ^h 52'	0 ^h 53'	29 ^h 23'	27 ^h 5'	7 ^h 16'	6 ^h 16'	15 ^h 13'	0 ^h 17'	1 ^h 52'	25 ^h 0'	21 ^h 47'
T 13	14 3 50	2 ^h 41'10"	27 ^h 39'	7 ^h 19'	1 ^h 11'5'	1 ^h 28'	29 ^h 29'	27 ^h 7'	7 ^h 14'	6 ^h 18'	15 ^h 14'	0 ^h 11'	1 ^h 48'	25 ^h 6'	21 ^h 48'
F 14	14 7 46	3 ^h 39'25"	11 ^h 11'47"	7 ^h 58'	2 ^h 17'	2 ^h 3'	29 ^h 34'	27 ^h 10'	7 ^h 12'	6 ^h 20'	15 ^h 15'	0 ^h 7'	1 ^h 45'	25 ^h 13'	21 ^h 48'
S 15	14 11 43	4 ^h 37'39"	25 ^h 27'	8 ^h 40'	3 ^h 30'	2 ^h 39'	29 ^h 39'	27 ^h 13'	7 ^h 10'	6 ^h 22'	15 ^h 16'	0 ^h D 6	1 ^h 42'	25 ^h 20'	21 ^h 48'
S 16	14 15 39	5 ^h 35'51"	8 ^h 39'	9 ^h 26'	4 ^h 42'	3 ^h 14'	29 ^h 45'	27 ^h 16'	7 ^h 8'	6 ^h 24'	15 ^h 17'	0 ^h 6'	1 ^h 39'	25 ^h 26'	21 ^h 49'
M17	14 19 36	6 ^h 34'00"	21 ^h 27'	10 ^h 15'	5 ^h 54'	3 ^h 50'	29 ^h 51'	27 ^h 19'	7 ^h 6'	6 ^h 26'	15 ^h 19'	0 ^h 7			

SWISS EPHEMERIS for the year 1564

MAY 1564 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
M 1	15 14 48	20♈ 5°05'	13♋38	26♊45	22♋41	12♉ 9	1♄26	28♉11	6♁36	6♂55	15♋32	29♊ 9	0♋51	27♎ 7	21♁43
T 2	15 18 44	21° 2'50	27° 1'	28°14'	23°53'	12°45'	1°33'	28°16'	6♁33	6♂57	15°32'	29°11'	0°48'	27°14'	21♋42
W 3	15 22 41	22° 0'34	10♌38	29°46'	25° 4'	13°21'	1°41'	28°20'	6°31'	7° 0'	15°33'	29°12'	0°45'	27°21'	21°40'
T 4	15 26 37	22°58'16	24°32'	1♉20	26°16'	13°57'	1°49'	28°25'	6°29'	7° 2'	15°34'	29°R13	0°42'	27°27'	21°39'
F 5	15 30 34	23°55'58	8♌42	2°56'	27°27'	14°33'	1°57'	28°30'	6°26'	7° 4'	15°35'	29°12'	0°38'	27°34'	21°38'
S 6	15 34 30	24°53'38	23° 6'	4°34'	28°38'	15° 9'	2° 6'	28°34'	6°24'	7° 6'	15°35'	29° 9'	0°35'	27°41'	21°37'
S 7	15 38 27	25°51'18	7♊41	6°15'	29°49'	15°45'	2°14'	28°39'	6°22'	7° 8'	15°36'	29° 6'	0°32'	27°48'	21°35'
M 8	15 42 24	26°48'57	22°22'	7°58'	1♉ 1	16°21'	2°23'	28°44'	6°19'	7°11'	15°37'	29° 1'	0°29'	27°54'	21°34'
T 9	15 46 20	27°46'34	7♉ 2	9°43'	2°12'	16°57'	2°31'	28°49'	6°17'	7°13'	15°37'	28°57'	0°26'	28° 1'	21°32'
W10	15 50 17	28°44'11	21°34'	11°30'	3°23'	17°33'	2°40'	28°54'	6°14'	7°15'	15°38'	28°53'	0°23'	28° 8'	21°31'
T11	15 54 13	29°41'46	5♋52	13°20'	4°33'	18° 9'	2°49'	28°59'	6°12'	7°17'	15°39'	28°50'	0°19'	28°15'	21°29'
F12	15 58 10	0♋39'21	19°50'	15°12'	5°44'	18°46'	2°58'	29° 4'	6° 9'	7°19'	15°39'	28°48'	0°16'	28°21'	21°27'
S13	16 2 6	1°36'54	3♉26	17° 6'	6°55'	19°22'	3° 7'	29° 9'	6° 7'	7°22'	15°40'	28°D48	0°13'	28°28'	21°26'
S14	16 6 3	2°34'25	16°38'	19° 2'	8° 6'	19°58'	3°16'	29°15'	6° 4'	7°24'	15°40'	28°49'	0°10'	28°35'	21°24'
M15	16 9 59	3°31'56	29°27'	21° 0'	9°16'	20°34'	3°25'	29°20'	6° 2'	7°26'	15°41'	28°50'	0° 7'	28°41'	21°22'
T16	16 13 56	4°29'25	11♌57	23° 0'	10°27'	21°10'	3°35'	29°26'	5°59'	7°28'	15°41'	28°52'	0° 4'	28°48'	21°20'
W17	16 17 53	5°26'53	24°11'	25° 2'	11°37'	21°47'	3°44'	29°31'	5°57'	7°31'	15°42'	28°53'	0° 0'	28°55'	21°18'
T18	16 21 49	6°24'20	6♎14	27° 6'	12°48'	22°23'	3°54'	29°37'	5°54'	7°33'	15°42'	28°R54	29♊57	29° 2'	21°16'
F19	16 25 46	7°21'45	18° 9'	29°12'	13°58'	22°59'	4° 3'	29°42'	5°52'	7°35'	15°43'	28°53'	29°54'	29° 8'	21°14'
S20	16 29 42	8°19'09	0♌ 2	1♋19	15° 8'	23°35'	4°13'	29°48'	5°50'	7°37'	15°43'	28°52'	29°51'	29°15'	21°11'
S21	16 33 39	9°16'32	11°57'	3°28'	16°18'	24°12'	4°23'	29°54'	5°47'	7°40'	15°43'	28°50'	29°48'	29°22'	21° 9'
M22	16 37 35	10°13'54	23°58'	5°37'	17°28'	24°48'	4°33'	0♌ 0	5°45'	7°42'	15°44'	28°47'	29°44'	29°28'	21° 7'
T23	16 41 32	11°11'15	6♌ 8	7°48'	18°38'	25°25'	4°43'	0° 6'	5°42'	7°44'	15°44'	28°44'	29°41'	29°35'	21° 4'
W24	16 45 28	12° 8'35	18°29'	10° 0'	19°48'	26° 1'	4°53'	0°12'	5°40'	7°46'	15°44'	28°42'	29°38'	29°42'	21° 2'
T25	16 49 25	13° 5'54	1♌ 4	12°11'	20°58'	26°37'	5° 3'	0°18'	5°37'	7°49'	15°45'	28°40'	29°35'	29°49'	20°59'
F26	16 53 22	14° 3'13	13°53'	14°23'	22° 8'	27°14'	5°14'	0°24'	5°35'	7°51'	15°45'	28°39'	29°32'	29°55'	20°57'
S27	16 57 18	15° 0'30	26°57'	16°35'	23°17'	27°50'	5°24'	0°30'	5°32'	7°53'	15°45'	28°D38	29°29'	0♌ 2	20°54'
S28	17 1 15	15°57'48	10♋15	18°47'	24°27'	28°27'	5°35'	0°36'	5°30'	7°55'	15°45'	28°38'	29°25'	0° 9'	20°51'
M29	17 5 11	16°55'04	23°46'	20°58'	25°36'	29° 3'	5°45'	0°42'	5°27'	7°58'	15°46'	28°39'	29°22'	0°16'	20°49'
T30	17 9 8	17°52'20	7♌30	23° 8'	26°45'	29°40'	5°56'	0°49'	5°25'	8° 0'	15°46'	28°40'	29°19'	0°22'	20°46'
W31	17 13 4	18♋49'36	21♌23	25♋16	27♉55	0♌16	6♌ 7	0♌55	5♁23	8♋ 2	15♋46	28♊41	29♊16	0♌29	20♋43

Delta T = 127.74 sec. Julian Calendar 1 May 1564 == Greg. Calendar 11 May 1564

JUNE 1564 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
T 1	17 17 1	19♋46'51	5♌27	27♋24	29♉ 4	0♌53	6♌17	1♌ 2	5°R20	8♋ 4	15♋46	28♊41	29♊13	0♌36	20°R40
F 2	17 20 57	20°44'06	19°37'	29°30'	0♌13	1°29'	6°28'	1° 8'	5♁18	8° 6'	15°46'	28°R42	29°10'	0°42'	20♋37
S 3	17 24 54	21°41'21	3♊52	1♉34	1°21'	2° 6'	6°39'	1°15'	5°16'	8° 9'	15°46'	28°42'	29° 6'	0°49'	20°34'
S 4	17 28 51	22°38'36	18°10'	3°37'	2°30'	2°43'	6°50'	1°21'	5°13'	8°11'	15°46'	28°41'	29° 3'	0°56'	20°31'
M 5	17 32 47	23°35'51	2♉27	5°38'	3°39'	3°19'	7° 1'	1°28'	5°11'	8°13'	15°46'	28°41'	29° 0'	1° 3'	20°28'
T 6	17 36 44	24°33'05	16°40'	7°36'	4°47'	3°56'	7°12'	1°34'	5° 9'	8°15'	15°R46	28°40'	28°57'	1° 9'	20°25'
W 7	17 40 40	25°30'20	0♋44	9°33'	5°56'	4°33'	7°24'	1°41'	5° 6'	8°17'	15°46'	28°40'	28°54'	1°16'	20°22'
T 8	17 44 37	26°27'34	14°37'	11°28'	7° 4'	5° 9'	7°35'	1°48'	5° 4'	8°19'	15°46'	28°40'	28°50'	1°23'	20°19'
F 9	17 48 33	27°24'48	28°15'	13°20'	8°12'	5°46'	7°46'	1°55'	5° 2'	8°22'	15°46'	28°D40	28°47'	1°30'	20°16'
S10	17 52 30	28°22'02	11♉36	15°11'	9°21'	6°23'	7°58'	2° 2'	5° 0'	8°24'	15°46'	28°R40	28°44'	1°36'	20°12'
S11	17 56 27	29°19'15	24°39'	16°59'	10°29'	7° 0'	8° 9'	2° 9'	4°57'	8°26'	15°46'	28°40'	28°41'	1°43'	20° 9'
M12	18 0 23	0♉16'28	7♌24	18°45'	11°36'	7°36'	8°21'	2°15'	4°55'	8°28'	15°46'	28°39'	28°38'	1°50'	20° 6'
T13	18 4 20	1°13'41	19°53'	20°29'	12°44'	8°13'	8°33'	2°22'	4°53'	8°30'	15°46'	28°39'	28°35'	1°56'	20° 2'
W14	18 8 16	2°10'53	2♎ 7	22°11'	13°52'	8°50'	8°44'	2°29'	4°51'	8°32'	15°46'	28°39'	28°31'	2° 3'	19°59'
T15	18 12 13	3° 8'05	14°10'	23°50'	14°59'	9°27'	8°56'	2°37'	4°49'	8°34'	15°45'	28°38'	28°28'	2°10'	19°56'
F16	18 16 9	4° 5'16	26° 6'	25°27'	16° 6'	10° 4'	9° 8'	2°44'	4°47'	8°36'	15°45'	28°38'	28°25'	2°17'	19°52'
S17	18 20 6	5° 2'27	7♌59	27° 3'	17°13'	10°41'	9°20'	2°51'	4°45'	8°38'	15°45'	28°D38	28°22'	2°23'	19°49'
S18	18 24 2	5°59'38	19°55'	28°35'	18°20'	11°18'	9°32'	2°58'	4°43'	8°40'	15°45'	28°38'	28°19'	2°30'	19°45'
M19	18 27 59	6°56'49	1♎57	0♌ 6	19°27'	11°55'	9°44'	3° 5'	4°41'	8°42'	15°44'	28°39'	28°16'	2°37'	19°42'
T20	18 31 55	7°54'00	14° 9'	1°34'	20°34'	12°32'	9°56'	3°12'	4°39'	8°44'	15°44'	28°40'	28°12'	2°44'	19°38'
W21	18 35 52	8°51'10	26°36'	3° 1'	21°41'	13° 9'	10° 8'	3°20'	4°37'	8°46'	15°44'	28°41'	28° 9'	2°50'	19°35'
T22	18 39 49	9°48'21	9♁20	4°24'	22°47'	13°46'	10°20'	3°27'	4°35'	8°48'	15°43'	28°41'	28° 6'	2°57'	19°31'
F23	18 43 45	10°45'31	22°24'	5°46'	23°53'	14°23'	10°32'	3°34'	4°33'	8°50'	15°43'	28°R42	28° 3'	3° 4'	19°28'
S24	18 47 42	11°42'42	5♉47	7° 5'	24°59'	15° 0'	10°44'	3°42'	4°32'	8°52'	15°43'	28°42'	28° 0'	3°10'	19°24'
S25	18 51 38	12°39'53	19°29'	8°22'	26° 5'	15°37'	10°56'	3°49'	4°30'	8°54'	15°42'	28°41'	27°56'	3°17'	19°21'
M26	18 55 35	13°37'04	3♌27	9°36'	27°11'	16°14'	11° 9'	3°56'	4°28'	8°56'	15°42'	28°40'	27°53'	3°24'	19°17'
T27	18 59 31	14°34'15	17°37'	10°48'	28°16'	16°51'	11°21'	4° 4'	4°26'	8°58'	15°41'	28°38'	27°50'	3°31'	19°13'
W28	19 3 28	15°31'27	1♌56	11°57'	29°21'	17°28'	11°33'	4°11'	4°25'	9° 0'	15°41'	28°36'	27°47'	3°37'	19°10'
T29	19 7 25	16°28'39	16°18'	13° 3'	0♎26	18° 6'	11°46'	4°19'	4°23'	9° 2'	15°40'	28°34'	27°44'	3°44'	19° 6'
F30	19 11 21	17♉25'52	0♊40	14♌ 7	1♎31	18♌43	11♌58	4♌26	4♁21	9♋ 4	15♋40	28♊33	27♊41	3♌51	19♋ 3

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SWISS EPHEMERIS for the year 1564

JULY 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	19 15 18	18°23'06	14°57	15°08 8	2°36	19°20	12°11	4°34	4°R20	9°II 6	15°R39	28°32	27°37	3°57	18°R59
S 2	19 19 14	19°20'20	29° 7	16° 5	3°40	19°57	12°23	4°41	4°18	9° 7	15°R39	28°32	27°34	4° 4	18°R55
M 3	19 23 11	20°17'36	13° 7	17° 0	4°45	20°35	12°36	4°49	4°17	9° 9	15°R38	28°33	27°31	4°11	18°52
T 4	19 27 7	21°14'52	26°57	17°52	5°49	21°12	12°49	4°56	4°15	9°11	15°37	28°35	27°28	4°18	18°48
W 5	19 31 4	22°12'09	10°II36	18°40	6°52	21°49	13° 1	5° 4	4°14	9°13	15°37	28°36	27°25	4°24	18°45
T 6	19 35 0	23° 9'27	24° 2	19°25	7°56	22°27	13°14	5°12	4°13	9°15	15°36	28°R37	27°22	4°31	18°41
F 7	19 38 57	24° 6'45	7°36	20° 6	8°59	23° 4	13°27	5°19	4°11	9°16	15°35	28°36	27°18	4°38	18°37
S 8	19 42 54	25° 4'04	20°17	20°44	10° 3	23°41	13°39	5°27	4°10	9°18	15°35	28°35	27°15	4°45	18°34
S 9	19 46 50	26° 1'24	3°04	21°17	11° 5	24°19	13°52	5°34	4° 9	9°20	15°34	28°32	27°12	4°51	18°30
M10	19 50 47	26°58'44	15°38	21°47	12° 8	24°56	14° 5	5°42	4° 8	9°21	15°33	28°28	27° 9	4°58	18°27
T 11	19 54 43	27°56'05	28° 0	22°12	13°10	25°34	14°18	5°50	4° 7	9°23	15°33	28°23	27° 6	5° 5	18°23
W12	19 58 40	28°53'27	10°III10	22°32	14°13	26°11	14°31	5°58	4° 5	9°25	15°32	28°18	27° 2	5°11	18°20
T 13	20 2 36	29°50'49	22°11	22°48	15°14	26°49	14°43	6° 5	4° 4	9°26	15°31	28°14	26°59	5°18	18°16
F 14	20 6 33	0°048'12	4°06	23° 0	16°16	27°27	14°56	6°13	4° 3	9°28	15°30	28°10	26°56	5°25	18°13
S 15	20 10 29	1°45'35	15°58	23° 6	17°17	28° 4	15° 9	6°21	4° 2	9°29	15°29	28° 7	26°53	5°32	18° 9
S 16	20 14 26	2°42'59	27°52	23°R 7	18°18	28°42	15°22	6°28	4° 2	9°31	15°29	28°D 6	26°50	5°38	18° 6
M17	20 18 23	3°40'24	9°III52	23° 4	19°19	29°19	15°35	6°36	4° 1	9°32	15°28	28° 6	26°47	5°45	18° 2
T 18	20 22 19	4°37'50	22° 4	22°54	20°19	29°57	15°48	6°44	4° 0	9°34	15°27	28° 7	26°43	5°52	17°59
W19	20 26 16	5°35'16	4°31	22°40	21°19	0°III35	16° 1	6°52	3°59	9°35	15°26	28° 8	26°40	5°58	17°55
T 20	20 30 12	6°32'43	17°18	22°21	22°18	1°13	16°14	6°59	3°58	9°37	15°25	28°10	26°37	6° 5	17°52
F 21	20 34 9	7°30'10	0°329	21°56	23°17	1°50	16°27	7° 7	3°58	9°38	15°24	28°R10	26°34	6°12	17°49
S 22	20 38 5	8°27'39	14° 4	21°26	24°16	2°28	16°40	7°15	3°57	9°39	15°23	28° 9	26°31	6°19	17°46
S 23	20 42 2	9°25'09	28° 4	20°52	25°15	3° 6	16°53	7°22	3°57	9°41	15°22	28° 6	26°28	6°25	17°42
M24	20 45 58	10°22'39	12°25	20°14	26°13	3°44	17° 6	7°30	3°56	9°42	15°21	28° 1	26°24	6°32	17°39
T 25	20 49 55	11°20'11	27° 2	19°32	27°10	4°22	17°19	7°38	3°56	9°43	15°20	27°55	26°21	6°39	17°36
W26	20 53 52	12°17'43	11°R48	18°46	28° 7	4°59	17°32	7°46	3°55	9°44	15°19	27°49	26°18	6°46	17°33
T 27	20 57 48	13°15'18	26°36	17°59	29° 4	5°37	17°46	7°53	3°55	9°46	15°18	27°43	26°15	6°52	17°30
F 28	21 1 45	14°12'53	11°Y17	17° 9	0°06	6°15	17°59	8° 1	3°54	9°47	15°17	27°37	26°12	6°59	17°27
S 29	21 5 41	15°10'30	25°45	16°19	0°56	6°53	18°12	8° 9	3°54	9°48	15°16	27°34	26° 8	7° 6	17°24
S 30	21 9 38	16° 8'09	9°R57	15°30	1°52	7°31	18°25	8°16	3°54	9°49	15°15	27°32	26° 5	7°12	17°21
M31	21 13 34	17°05'49	23°R52	14°04	2°46	8°19	18°38	8°24	3°54	9°50	15°14	27°D32	26°R 2	7°19	17°18

Delta T = 127.64 sec. Julian Calendar 1 July 1564 == Greg. Calendar 11 July 1564

AUGUST 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	21 17 31	18°03'31	7°II29	13°R55	3°41	8°47	18°05	8°02	3°R54	9°II51	15°R13	27°R33	25°R59	7°26	17°R15
W 2	21 21 27	19° 1'15	20°49	13°01	4°34	9°25	19° 4	8°39	3°R54	9°52	15°R12	27°R34	25°56	7°33	17°R12
T 3	21 25 24	19°59'00	3°35	12°32	5°28	10° 4	19°17	8°47	3°D54	9°53	15°11	27°34	25°53	7°39	17° 9
F 4	21 29 21	20°56'47	16°47	11°58	6°20	10°42	19°30	8°55	3°54	9°54	15°10	27°32	25°49	7°46	17° 7
S 5	21 33 17	21°54'35	29°28	11°29	7°12	11°20	19°44	9° 2	3°54	9°55	15° 9	27°28	25°46	7°53	17° 4
S 6	21 37 14	22°52'25	11°05	11° 7	8° 4	11°58	19°57	9°10	3°54	9°56	15° 8	27°22	25°43	7°59	17° 1
M 7	21 41 10	23°50'17	24°19	10°51	8°55	12°36	20°10	9°17	3°54	9°57	15° 7	27°13	25°40	8° 6	16°59
T 8	21 45 7	24°48'10	6°III31	10°43	9°45	13°15	20°23	9°25	3°54	9°58	15° 6	27° 2	25°37	8°13	16°56
W 9	21 49 3	25°46'04	18°34	10°D43	10°34	13°53	20°36	9°32	3°55	9°59	15° 4	26°51	25°33	8°20	16°54
T 10	21 53 0	26°43'59	0°031	10°51	11°23	14°31	20°49	9°40	3°55	10° 0	15° 3	26°41	25°30	8°26	16°51
F 11	21 56 56	27°41'57	12°24	11° 6	12°11	15°10	21° 2	9°47	3°55	10° 0	15° 2	26°31	25°27	8°33	16°49
S 12	22 0 53	28°39'55	24°14	11°30	12°58	15°48	21°15	9°55	3°56	10° 1	15° 1	26°24	25°24	8°40	16°47
S 13	22 4 50	29°37'55	6°III6	12° 2	13°45	16°27	21°28	10° 2	3°56	10° 2	15° 0	26°18	25°21	8°47	16°44
M14	22 8 46	0°III35'56	18° 4	12°41	14°30	17° 5	21°41	10°10	3°57	10° 3	14°59	26°16	25°18	8°53	16°42
T 15	22 12 43	1°33'59	0°R12	13°29	15°15	17°44	21°54	10°17	3°57	10° 3	14°57	26°D15	25°14	9° 0	16°40
W16	22 16 39	2°32'03	12°35	14°24	15°59	18°22	22° 7	10°25	3°58	10° 4	14°56	26°15	25°11	9° 7	16°38
T 17	22 20 36	3°30'09	25°20	15°26	16°42	19° 1	22°20	10°32	3°59	10° 4	14°55	26°R15	25° 8	9°13	16°36
F 18	22 24 32	4°28'16	8°R29	16°34	17°24	19°39	22°33	10°39	4° 0	10° 5	14°54	26°15	25° 5	9°20	16°34
S 19	22 28 29	5°26'24	22° 6	17°49	18° 4	20°18	22°46	10°47	4° 0	10° 6	14°53	26°12	25° 2	9°27	16°32
S 20	22 32 25	6°24'34	6°III12	19°10	18°44	20°57	22°59	10°54	4° 1	10° 6	14°51	26° 7	24°59	9°34	16°31
M21	22 36 22	7°22'46	20°46	20°37	19°23	21°35	23°12	11° 1	4° 2	10° 6	14°50	26° 0	24°55	9°40	16°29
T 22	22 40 19	8°20'59	5°R41	22° 8	20° 0	22°14	23°25	11° 8	4° 3	10° 7	14°49	25°51	24°52	9°47	16°27
W23	22 44 15	9°19'14	20°48	23°43	20°37	22°53	23°38	11°15	4° 4	10° 7	14°48	25°40	24°49	9°54	16°26
T 24	22 48 12	10°17'30	5°Y58	25°22	21°12	23°32	23°51	11°22	4° 5	10° 8	14°46	25°30	24°46	10° 0	16°24
F 25	22 52 8	11°15'49	21° 1	27° 4	21°46	24°10	24° 3	11°29	4° 6	10° 8	14°45	25°21	24°43	10° 7	16°23
S 26	22 56 5	12°14'10	5°R47	28°49	22°18	24°49	24°16	11°37	4° 7	10° 8	14°44	25°15	24°39	10°14	16°21
S 27	23 0 1	13°12'33	20°10	0°III37	22°49	25°28	24°29	11°43	4° 9	10° 8	14°43	25°11	24°36	10°21	16°20
M28	23 3 58	14°10'58	4°III10	2°26	23°19	26° 7	24°42	11°50	4°10	10° 9	14°42	25° 9	24°33	10°27	16°19
T 29	23 7 54	15° 9'26	17°45	4°16	23°47	26°46	24°54	11°57	4°11	10° 9	14°40	25° 9	24°30	10°34	16°18
W30	23 11 51	16° 7'55	0°R58	6° 7	24°13	27°25	25° 7	12° 4	4°13	10° 9	14°39	25° 9	24°27	10°41	16°16
T 31	23 15 48	17°06'27	13°R52	7°III59	24°38	28°19	25°02	12°01	4°14	10°II 9	14°R38	25°R 8	24°R24	10°47	16°15

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SWISS EPHEMERIS for the year 1564

SEPTEMBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
F 1	23 19 44	18♍ 5'01	26♄30	9♍52	25♌ 2	28♍43	25♄32	12♌18	4♋15	10♍ 9	14♍37	25♍ 5	24♋20	10♌54	16♍15								
S 2	23 23 41	19° 3'37	8♌56	11°45	25°23	29°22	25°45	12°25	4°17	10° 9	14♋35	24♋59	24°17	11° 1	16♌14								
S 3	23 27 37	20° 2'15	21°12	13°37	25°43	0♌ 1	25°57	12°31	4°18	10°R 9	14°34	24°50	24°14	11° 8	16°13								
M 4	23 31 34	21° 0'55	3♍21	15°29	26° 1	0°41	26°10	12°38	4°20	10° 9	14°33	24°39	24°11	11°14	16°12								
T 5	23 35 30	21°59'37	15°23	17°21	26°17	1°20	26°22	12°45	4°22	10° 9	14°32	24°25	24° 8	11°21	16°11								
W 6	23 39 27	22°58'21	27°20	19°13	26°31	1°59	26°35	12°51	4°23	10° 9	14°31	24°10	24° 5	11°28	16°11								
T 7	23 43 23	23°57'07	9♌13	21° 3	26°44	2°38	26°47	12°58	4°25	10° 9	14°29	23°56	24° 1	11°34	16°10								
F 8	23 47 20	24°55'56	21° 4	22°53	26°54	3°18	26°59	13° 4	4°27	10° 9	14°28	23°43	23°58	11°41	16°10								
S 9	23 51 16	25°54'46	2♌54	24°43	27° 1	3°57	27°12	13°10	4°29	10° 9	14°27	23°33	23°55	11°48	16°10								
S 10	23 55 13	26°53'37	14°46	26°31	27° 7	4°37	27°24	13°17	4°31	10° 9	14°26	23°25	23°52	11°55	16° 9								
M11	23 59 10	27°52'31	26°44	28°19	27°10	5°16	27°36	13°23	4°33	10° 8	14°25	23°21	23°49	12° 1	16° 9								
T 12	0 3 6	28°51'27	8♋50	0♌ 6	27°R12	5°55	27°48	13°29	4°35	10° 8	14°23	23°19	23°45	12° 8	16° 9								
W13	0 7 3	29°50'24	21°11	1°52	27°10	6°35	28° 0	13°35	4°37	10° 8	14°22	23°D18	23°42	12°15	16°D 9								
T 14	0 10 59	0♌49'23	3♄51	3°37	27° 7	7°14	28°12	13°41	4°39	10° 7	14°21	23°R18	23°39	12°21	16° 9								
F 15	0 14 56	1°48'24	16°54	5°21	27° 1	7°54	28°24	13°47	4°41	10° 7	14°20	23°17	23°36	12°28	16° 9								
S 16	0 18 52	2°47'27	0♌25	7° 4	26°52	8°34	28°36	13°53	4°43	10° 7	14°19	23°15	23°33	12°35	16° 9								
S 17	0 22 49	3°46'31	14°26	8°47	26°41	9°13	28°48	13°59	4°45	10° 6	14°18	23°10	23°30	12°42	16°10								
M18	0 26 45	4°45'37	28°56	10°28	26°28	9°53	28°59	14° 5	4°47	10° 6	14°16	23° 3	23°26	12°48	16°10								
T 19	0 30 42	5°44'45	13♋53	12° 9	26°12	10°33	29°11	14°11	4°50	10° 5	14°15	22°53	23°23	12°55	16°10								
W20	0 34 39	6°43'55	29° 6	13°49	25°54	11°13	29°23	14°17	4°52	10° 5	14°14	22°43	23°20	13° 2	16°11								
T 21	0 38 35	7°43'07	14♋28	15°28	25°34	11°52	29°34	14°22	4°54	10° 4	14°13	22°32	23°17	13° 8	16°12								
F 22	0 42 32	8°42'12	9°21'4	17° 6	25°12	12°32	29°46	14°28	4°57	10° 3	14°12	22°23	23°14	13°15	16°12								
S 23	0 46 28	9°41'37	14♌46	18°44	24°47	13°12	29°57	14°33	4°59	10° 3	14°11	22°16	23°10	13°22	16°13								
S 24	0 50 25	10°40'56	29°24	20°21	24°20	13°52	0♍ 9	14°39	5° 2	10° 2	14°10	22°12	23° 7	13°29	16°14								
M25	0 54 21	11°40'17	13♍35	21°57	23°52	14°32	0°20	14°44	5° 4	10° 1	14° 9	22°10	23° 4	13°35	16°15								
T 26	0 58 18	12°39'40	27°17	23°32	23°22	15°12	0°31	14°50	5° 7	10° 1	14° 8	22°D10	23° 1	13°42	16°16								
W27	1 2 14	13°39'05	10♄33	25° 7	22°50	15°52	0°43	14°55	5° 9	10° 0	14° 7	22°R10	22°58	13°49	16°17								
T 28	1 6 11	14°38'33	23°26	26°41	22°17	16°32	0°54	15° 0	5°12	9°59	14° 6	22°10	22°55	13°55	16°18								
F 29	1 10 8	15°38'03	5♌59	28°15	21°43	17°12	1° 5	15° 5	5°14	9°58	14° 5	22° 8	22°51	14° 2	16°19								
S 30	1 14 4	16°37'36	18♌18	29°47	21♌ 7	17°52	1°16	15°10	5°17	9♍57	14♋ 4	22° 3	22°48	14° 9	16°20								

Delta T = 127.54 sec. Julian Calendar 1 Sept. 1564 == Greg. Calendar 11 Sept. 1564

OCTOBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	1 18 1	17♌37'11	0♍26	1♍19	20°R32	18♌33	1♍26	15♌15	5♋20	9°R57	14°R 3	21°R56	22°45	14°16	16°22								
M 2	1 21 57	18°36'47	12°26	2°51	19♌55	19°13	1°37	15°20	5°23	9♍56	14♋ 2	21°47	22°42	14°22	16°23								
T 3	1 25 54	19°36'26	24°22	4°21	19°19	19°53	1°48	15°24	5°25	9°55	14° 1	21°35	22°39	14°29	16°25								
W 4	1 29 50	20°36'08	6♌14	5°52	18°42	20°34	1°59	15°29	5°28	9°54	14° 0	21°23	22°36	14°36	16°26								
T 5	1 33 47	21°35'51	18° 6	7°21	18° 6	21°14	2° 9	15°34	5°31	9°53	13°59	21°11	22°32	14°42	16°28								
F 6	1 37 43	22°35'36	29°57	8°50	17°30	21°54	2°20	15°38	5°34	9°52	13°58	21° 0	22°29	14°49	16°29								
S 7	1 41 40	23°35'24	11♍51	10°18	16°55	22°35	2°30	15°43	5°37	9°51	13°57	20°52	22°26	14°56	16°31								
S 8	1 45 36	24°35'13	23°48	11°46	16°21	23°15	2°40	15°47	5°40	9°50	13°56	20°45	22°23	15° 3	16°33								
M 9	1 49 33	25°35'04	5♋51	13°13	15°48	23°56	2°50	15°51	5°43	9°49	13°55	20°42	22°20	15° 9	16°35								
T 10	1 53 30	26°34'57	18° 3	14°39	15°16	24°36	3° 0	15°55	5°46	9°47	13°54	20°D40	22°16	15°16	16°37								
W11	1 57 26	27°34'52	0♌27	16° 4	14°46	25°17	3°10	15°59	5°49	9°46	13°53	20°41	22°13	15°23	16°39								
T 12	2 1 23	28°34'48	13° 7	17°29	14°18	25°58	3°20	16° 3	5°52	9°45	13°53	20°42	22°10	15°29	16°41								
F 13	2 5 19	29°34'46	26° 6	18°53	13°51	26°38	3°30	16° 7	5°55	9°44	13°52	20°R43	22° 7	15°36	16°44								
S 14	2 9 16	0♍34'46	9♌30	20°16	13°27	27°19	3°40	16°11	5°58	9°43	13°51	20°42	22° 4	15°43	16°46								
S 15	2 13 12	1°34'47	23°20	21°38	13° 5	28° 0	3°49	16°15	6° 2	9°41	13°50	20°40	22° 1	15°50	16°48								
M16	2 17 9	2°34'50	7♋37	23° 0	12°44	28°41	3°59	16°18	6° 5	9°40	13°49	20°36	21°57	15°56	16°51								
T 17	2 21 5	3°34'54	22°19	24°20	12°27	29°22	4° 8	16°22	6° 8	9°39	13°49	20°30	21°54	16° 3	16°53								
W18	2 25 2	4°35'00	7♋21	25°39	12°11	0♍ 3	4°17	16°25	6°11	9°38	13°48	20°23	21°51	16°10	16°56								
T 19	2 28 59	5°35'08	22°35	26°57	11°58	0°43	4°27	16°28	6°14	9°36	13°47	20°16	21°48	16°16	16°58								
F 20	2 32 55	6°35'17	7♌49	28°14	11°48	1°24	4°36	16°32	6°18	9°35	13°47	20°10	21°45	16°23	17° 1								
S 21	2 36 52	7°35'29	22°53	29°29	11°40	2° 5	4°45	16°35	6°21	9°34	13°46	20° 5	21°42	16°30	17° 4								
S 22	2 40 48	8°35'42	7♍39	0♋42	11°34	2°47	4°53	16°38	6°24	9°32	13°45	20° 3	21°38	16°37	17° 7								
M23	2 44 45	9°35'57	22° 0	1°54	11°31	3°28	5° 2	16°41	6°28	9°31	13°45	20°D 2	21°35	16°43	17° 9								
T 24	2 48 41	10°36'15	5♄52	3° 4	11°D31	4° 9	5°11	16°44	6°31	9°29	13°44	20° 3	21°32	16°50	17°12								
W25	2 52 38	11°36'34	19°17	4°11	11°33	4°50	5°19	16°46	6°35	9°28	13°44	20° 5	21°29	16°57	17°15								
T 26	2 56 34	12°36'55	2♌16	5°16	11°37	5°31	5°27	16°49	6°38	9°26	13°43	20° 6	21°26	17° 3	17°19								
F 27	3 0 31	13°37'18	14°53	6°18	11°43	6°13	5°36	16°51	6°41	9°25	13°43	20°R 6	21°22	17°10	17°22								
S 28	3 4 28	14°37'43	27°12	7°17	11°52	6°54	5°44	16°54	6°45	9°23	13°42	20° 5	21°19	17°17	17°25								
S 29	3 8 24	15°38'10	9♍18	8°12	12° 3	7°35	5°52	16°56	6°48	9°22	13°42	20° 3	21°16	17°24	17°28								
M30	3 12 21	16°38'39	21°15	9° 3	12°17	8°17	5°59	16°58	6°52	9°20	13°41	19°59	21°13	17°30	17°32								
T 31	3 16 17	17♍39'09	3♌ 8	9°49	12°32	8♍58	6°17	17°0 0	6°55	9♍19	13♋41	19°54	21°10	17°37	17°35								

Delta T = 127.49 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1564

NOVEMBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	3 20 14	18♌39'42	14♋58	10♌31	12♋50	9♌40	6♎15	17♏2	6♌59	9♏17	13♒40	19♒48	21♌7	17♋44	17♋38		
T 2	3 24 10	19°40'16	26°50	11° 6	13° 9	10°21	6°22	17° 4	7° 2	9♐16	13♎40	19♌42	21° 3	17°50	17°42		
F 3	3 28 7	20°40'51	8♌45	11°35	13°31	11° 3	6°29	17° 6	7° 6	9°14	13°40	19°37	21° 0	17°57	17°45		
S 4	3 32 3	21°41'29	20°46	11°56	13°54	11°45	6°37	17° 8	7°10	9°13	13°39	19°33	20°57	18° 4	17°49		
S 5	3 36 0	22°42'08	2♌53	12°10	14°19	12°26	6°44	17° 9	7°13	9°11	13°39	19°30	20°54	18°10	17°53		
M 6	3 39 57	23°42'48	15° 8	12♒15	14°46	13° 8	6°50	17°11	7°17	9° 9	13°39	19°D29	20°51	18°17	17°56		
T 7	3 43 53	24°43'30	27°33	12°10	15°14	13°50	6°57	17°12	7°20	9° 8	13°38	19°29	20°47	18°24	18° 0		
W 8	3 47 50	25°44'13	10♋10	11°55	15°45	14°32	7° 4	17°13	7°24	9° 6	13°38	19°30	20°44	18°31	18° 4		
T 9	3 51 46	26°44'57	23° 0	11°29	16°16	15°13	7°10	17°14	7°28	9° 4	13°38	19°32	20°41	18°37	18° 8		
F 10	3 55 43	27°45'42	6♌6	10°53	16°49	15°55	7°16	17°15	7°31	9° 3	13°38	19°33	20°38	18°44	18°12		
S 11	3 59 39	28°46'28	19°30	10° 5	17°24	16°37	7°22	17°16	7°35	9° 1	13°38	19°34	20°35	18°51	18°16		
S 12	4 3 36	29°47'15	3♌14	9° 8	18° 0	17°19	7°28	17°17	7°39	8°59	13°37	19°R35	20°32	18°57	18°20		
M13	4 7 32	0♌48'03	17°17	8° 2	18°37	18° 1	7°34	17°17	7°42	8°58	13°37	19°34	20°28	19° 4	18°24		
T 14	4 11 29	1°48'52	1♌40	6°47	19°16	18°43	7°40	17°18	7°46	8°56	13°37	19°32	20°25	19°11	18°28		
W15	4 15 26	2°49'42	16°19	5°28	19°56	19°25	7°45	17°18	7°49	8°54	13°37	19°30	20°22	19°18	18°32		
T 16	4 19 22	3°50'32	1♌8	4° 6	20°37	20° 8	7°51	17°19	7°53	8°53	13°37	19°28	20°19	19°24	18°37		
F 17	4 23 19	4°51'24	16° 2	2°43	21°19	20°50	7°56	17°19	7°57	8°51	13°37	19°26	20°16	19°31	18°41		
S 18	4 27 15	5°52'17	0♐52	1°23	22° 3	21°32	8° 1	17°R19	8° 0	8°49	13°D37	19°25	20°13	19°38	18°45		
S 19	4 31 12	6°53'11	15°29	0° 9	22°47	22°14	8° 6	17°19	8° 4	8°48	13°37	19°D24	20° 9	19°44	18°50		
M20	4 35 8	7°54'06	29°48	29♌2	23°32	22°57	8°10	17°19	8° 8	8°46	13°37	19°25	20° 6	19°51	18°54		
T 21	4 39 5	8°55'02	13♋44	28° 4	24°19	23°39	8°15	17°19	8°11	8°44	13°37	19°25	20° 3	19°58	18°58		
W22	4 43 2	9°55'59	27°15	27°17	25° 6	24°21	8°19	17°18	8°15	8°42	13°37	19°26	20° 0	20° 4	19° 3		
T 23	4 46 58	10°56'58	10♏21	26°41	25°55	25° 4	8°23	17°18	8°19	8°41	13°37	19°27	19°57	20°11	19° 7		
F 24	4 50 55	11°57'57	23° 4	26°16	26°44	25°46	8°27	17°17	8°23	8°39	13°38	19°28	19°53	20°18	19°12		
S 25	4 54 51	12°58'58	5♎28	26° 2	27°34	26°29	8°31	17°17	8°26	8°37	13°38	19°28	19°50	20°25	19°17		
S 26	4 58 48	13°59'59	17°37	26°D 0	28°25	27°11	8°35	17°16	8°30	8°36	13°38	19°R28	19°47	20°31	19°21		
M27	5 2 44	15° 1'02	29°35	26° 7	29°16	27°54	8°38	17°15	8°33	8°34	13°38	19°28	19°44	20°38	19°26		
T 28	5 6 41	16° 2'06	11♋27	26°23	0♌9	28°37	8°41	17°14	8°37	8°32	13°38	19°28	19°41	20°45	19°31		
W29	5 10 37	17° 3'10	23°17	26°48	1° 2	29°19	8°45	17°13	8°41	8°31	13°39	19°27	19°38	20°51	19°35		
T 30	5 14 34	18° 4'16	5♌11	27♌20	1♌56	0♌2	8♎47	17♏11	8°44	8♐29	13♎39	19°27	19°34	20°58	19°40		

Delta T = 127.44 sec. Julian Calendar 1 Nov. 1564 == Greg. Calendar 11 Nov. 1564

DECEMBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	5 18 31	19° 5'22	17♌10	28♌0	2♌50	0♌45	8♎50	17°R10	8°48	8°R27	13♎39	19°27	19°27	21° 5	19°45		
S 2	5 22 27	20° 6'30	29°18	28°45	3°45	1°28	8°53	17° 9	8°52	8♐26	13°40	19°27	19°28	21°12	19°50		
S 3	5 26 24	21° 7'38	11♌37	29°35	4°41	2°11	8°55	17° 7	8°55	8°24	13°40	19°27	19°25	21°18	19°55		
M 4	5 30 20	22° 8'46	24° 8	0♌31	5°38	2°54	8°57	17° 5	8°59	8°22	13°40	19°R27	19°22	21°25	20° 0		
T 5	5 34 17	23° 9'55	6♋53	1°30	6°34	3°37	8°59	17° 3	9° 3	8°21	13°41	19°27	19°19	21°32	20° 5		
W 6	5 38 13	24°11'05	19°51	2°33	7°32	4°20	9° 1	17° 2	9° 6	8°19	13°41	19°26	19°15	21°38	20°10		
T 7	5 42 10	25°12'15	3♌3	3°39	8°30	5° 3	9° 3	17° 0	9°10	8°17	13°42	19°26	19°12	21°45	20°14		
F 8	5 46 6	26°13'24	16°28	4°48	9°28	5°46	9° 4	16°57	9°13	8°16	13°42	19°25	19° 9	21°52	20°20		
S 9	5 50 3	27°14'34	0♌5	6° 0	10°27	6°29	9° 5	16°55	9°17	8°14	13°43	19°24	19° 6	21°58	20°25		
S 10	5 54 0	28°15'44	13°55	7°14	11°27	7°12	9° 6	16°53	9°20	8°13	13°43	19°23	19° 3	22° 5	20°30		
M11	5 57 56	29°16'54	27°55	8°29	12°27	7°55	9° 7	16°51	9°24	8°11	13°44	19°D23	18°59	22°12	20°35		
T 12	6 1 53	0♋18'04	12° 4	9°47	13°27	8°39	9° 8	16°48	9°27	8°10	13°44	19°23	18°56	22°19	20°40		
W13	6 5 49	1°19'14	26°22	11° 5	14°28	9°22	9° 8	16°45	9°31	8° 8	13°45	19°24	18°53	22°25	20°45		
T 14	6 9 46	2°20'24	10♋44	12°26	15°29	10° 5	9° 9	16°43	9°34	8° 6	13°46	19°25	18°50	22°32	20°50		
F 15	6 13 42	3°21'33	25° 8	13°47	16°31	10°49	9°R 9	16°40	9°38	8° 5	13°46	19°26	18°47	22°39	20°55		
S 16	6 17 39	4°22'43	9♐30	15° 9	17°33	11°32	9° 8	16°37	9°41	8° 3	13°47	19°27	18°44	22°45	21° 0		
S 17	6 21 35	5°23'52	23°44	16°33	18°35	12°16	9° 8	16°34	9°45	8° 2	13°48	19°R27	18°40	22°52	21° 6		
M18	6 25 32	6°25'02	7♋45	17°57	19°38	12°59	9° 8	16°31	9°48	8° 1	13°48	19°26	18°37	22°59	21°11		
T 19	6 29 29	7°26'11	21°31	19°22	20°41	13°43	9° 7	16°28	9°51	7°59	13°49	19°25	18°34	23° 5	21°16		
W20	6 33 25	8°27'21	4♌58	20°48	21°44	14°26	9° 6	16°25	9°55	7°58	13°50	19°22	18°31	23°12	21°21		
T 21	6 37 22	9°28'30	18° 4	22°15	22°48	15°10	9° 5	16°21	9°58	7°56	13°51	19°19	18°28	23°19	21°27		
F 22	6 41 18	10°29'39	0♎50	23°42	23°52	15°54	9° 4	16°18	10° 1	7°55	13°51	19°16	18°25	23°26	21°32		
S 23	6 45 15	11°30'48	13°17	25°10	24°56	16°37	9° 2	16°14	10° 5	7°54	13°52	19°13	18°21	23°32	21°37		
S 24	6 49 11	12°31'58	25°29	26°38	26° 1	17°21	9° 0	16°11	10° 8	7°52	13°53	19°11	18°18	23°39	21°42		
M25	6 53 8	13°33'07	7♋28	28° 8	27° 6	18° 5	8°59	16° 7	10°11	7°51	13°54	19° 9	18°15	23°46	21°48		
T 26	6 57 4	14°34'16	19°21	29°37	28°11	18°49	8°57	16° 3	10°14	7°50	13°55	19°D 9	18°12	23°52	21°53		
W27	7 1 1	15°35'26	1♌12	1♋7	29°16	19°33	8°54	16° 0	10°18	7°48	13°56	19°10	18° 9	23°59	21°58		
T 28	7 4 58	16°36'35	13° 5	2°38	0♌22	20°17	8°52	15°56	10°21	7°47	13°57	19°12	18° 5	24° 6	22° 4		
F 29	7 8 54	17°37'44	25° 6	4° 9	1°28	21° 1	8°49	15°52	10°24	7°46	13°58	19°14	18° 2	24°12	22° 9		
S 30	7 12 51	18°38'52	7♌19	5°41	2°34	21°45	8°46	15°48	10°27	7°45	13°59	19°15	17°59	24°19	22°14		
S 31	7 16 47	19°40'01	19°47	7♋13	3♌40	22°29	8♎43	15°44	10°30	7♐43	14♎0	19°R16	17°56	24°26	22°20		

Delta T = 127.40 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]