

SWISS EPHEMERIS for the year 1764
heliocentric

JANUARY 1764

00:00 UT

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

Delta T = 14.34 sec. Greg. Calendar

FEBRUARY 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
W 1	8 42 43	11 ^h 42'26"	11 ^h 44'	2 ^h 11'18"	8 ^h 4'	10 ^h 57'	16 ^h II 44	8 ^h 1'	16 ^h 4'	27 ^h 7'	3 ^h 45'	29 ^h 13'
T 2	8 46 40	12 ^h 43'17"	12 ^h 43'	8 ^h 35'	9 ^h 39'	11 ^h 24'	16 ^h 49'	8 ^h 3'	16 ^h 25'	27 ^h 7'	3 ^h 45'	29 ^h 13'
F 3	8 50 36	13 ^h 44'08"	13 ^h 42'	14 ^h 54'	11 ^h 14'	11 ^h 52'	16 ^h 54'	8 ^h 5'	16 ^h 25'	27 ^h 8'	3 ^h 46'	29 ^h 14'
S 4	8 54 33	14 ^h 44'57"	14 ^h 41'	21 ^h 13'	12 ^h 50'	12 ^h 19'	17 ^h 0'	8 ^h 8'	16 ^h 26'	27 ^h 8'	3 ^h 46'	29 ^h 15'
S 5	8 58 29	15 ^h 45'44"	15 ^h 41'	27 ^h 31'	14 ^h 26'	12 ^h 47'	17 ^h 5'	8 ^h 10'	16 ^h 27'	27 ^h 8'	3 ^h 46'	29 ^h 16'
M 6	9 2 26	16 ^h 46'30"	16 ^h 40'	3 ^h 46'	16 ^h 2'	13 ^h 14'	17 ^h 10'	8 ^h 12'	16 ^h 27'	27 ^h 9'	3 ^h 47'	29 ^h 16'
T 7	9 6 22	17 ^h 47'15"	17 ^h 39'	9 ^h 57'	17 ^h 37'	13 ^h 42'	17 ^h 15'	8 ^h 14'	16 ^h 28'	27 ^h 9'	3 ^h 47'	29 ^h 17'
W 8	9 10 19	18 ^h 47'58"	18 ^h 39'	16 ^h 2'	19 ^h 13'	14 ^h 9'	17 ^h 20'	8 ^h 16'	16 ^h 29'	27 ^h 9'	3 ^h 47'	29 ^h 18'
T 9	9 14 15	19 ^h 48'40"	19 ^h 39'	22 ^h 1'	20 ^h 49'	14 ^h 37'	17 ^h 26'	8 ^h 18'	16 ^h 29'	27 ^h 10'	3 ^h 48'	29 ^h 19'
F 10	9 18 12	20 ^h 49'19"	20 ^h 40'	27 ^h 52'	22 ^h 25'	15 ^h 5'	17 ^h 31'	8 ^h 21'	16 ^h 30'	27 ^h 10'	3 ^h 48'	29 ^h 19'
S 11	9 22 8	21 ^h 49'58"	21 ^h 41'	3 ^h 34'	24 ^h 0'	15 ^h 32'	17 ^h 36'	8 ^h 23'	16 ^h 31'	27 ^h 10'	3 ^h 48'	29 ^h 20'
S 12	9 26 5	22 ^h 50'34"	22 ^h 42'	9 ^h 8'	25 ^h 36'	16 ^h 0'	17 ^h 41'	8 ^h 25'	16 ^h 31'	27 ^h 11'	3 ^h 49'	29 ^h 21'
M 13	9 30 2	23 ^h 51'09"	23 ^h 44'	14 ^h 33'	27 ^h 12'	16 ^h 28'	17 ^h 46'	8 ^h 27'	16 ^h 32'	27 ^h 11'	3 ^h 49'	29 ^h 21'
T 14	9 33 58	24 ^h 51'42"	24 ^h 45'	19 ^h 47'	28 ^h 48'	16 ^h 56'	17 ^h 52'	8 ^h 29'	16 ^h 32'	27 ^h 12'	3 ^h 49'	29 ^h 22'
W 15	9 37 55	25 ^h 52'14"	25 ^h 47'	24 ^h 52'	0 ^h 24'	17 ^h 23'	17 ^h 57'	8 ^h 31'	16 ^h 33'	27 ^h 12'	3 ^h 50'	29 ^h 23'
T 16	9 41 51	26 ^h 52'43"	26 ^h 50'	29 ^h 48'	2 ^h 0'	17 ^h 51'	18 ^h 2'	8 ^h 34'	16 ^h 34'	27 ^h 12'	3 ^h 50'	29 ^h 24'
F 17	9 45 48	27 ^h 53'11"	27 ^h 52'	4 ^h 34'	3 ^h 36'	18 ^h 19'	18 ^h 7'	8 ^h 36'	16 ^h 34'	27 ^h 13'	3 ^h 50'	29 ^h 24'
S 18	9 49 44	28 ^h 53'37"	28 ^h 54'	9 ^h 11'	5 ^h 12'	18 ^h 47'	18 ^h 12'	8 ^h 38'	16 ^h 35'	27 ^h 13'	3 ^h 51'	29 ^h 25'
S 19	9 53 41	29 ^h 54'02"	29 ^h 57'	13 ^h 39'	6 ^h 48'	19 ^h 15'	18 ^h 18'	8 ^h 40'	16 ^h 36'	27 ^h 13'	3 ^h 51'	29 ^h 26'
M 20	9 57 38	0 ^h 54'25"	0 ^h 59'	17 ^h 58'	8 ^h 24'	19 ^h 43'	18 ^h 23'	8 ^h 42'	16 ^h 36'	27 ^h 14'	3 ^h 51'	29 ^h 27'
T 21	10 1 34	1 ^h 54'46"	2 ^h 1'	22 ^h 10'	10 ^h 0'	20 ^h 11'	18 ^h 28'	8 ^h 44'	16 ^h 37'	27 ^h 14'	3 ^h 52'	29 ^h 27'
W 22	10 5 31	2 ^h 55'07"	3 ^h 2'	26 ^h 13'	11 ^h 36'	20 ^h 39'	18 ^h 33'	8 ^h 46'	16 ^h 38'	27 ^h 14'	3 ^h 52'	29 ^h 28'
T 23	10 9 27	3 ^h 55'25"	4 ^h 4'	0 ^h 10'	13 ^h 13'	21 ^h 7'	18 ^h 38'	8 ^h 49'	16 ^h 38'	27 ^h 15'	3 ^h 52'	29 ^h 29'
F 24	10 13 24	4 ^h 55'43"	5 ^h 4'	3 ^h 59'	14 ^h 49'	21 ^h 35'	18 ^h 44'	8 ^h 51'	16 ^h 39'	27 ^h 15'	3 ^h 53'	29 ^h 30'
S 25	10 17 20	5 ^h 55'59"	6 ^h 5'	7 ^h 42'	16 ^h 25'	22 ^h 3'	18 ^h 49'	8 ^h 53'	16 ^h 40'	27 ^h 16'	3 ^h 53'	29 ^h 30'
S 26	10 21 17	6 ^h 56'13"	7 ^h 4'	11 ^h 19'	18 ^h 1'	22 ^h 32'	18 ^h 54'	8 ^h 55'	16 ^h 40'	27 ^h 16'	3 ^h 53'	29 ^h 31'
M 27	10 25 13	7 ^h 56'26"	8 ^h 4'	14 ^h 51'	19 ^h 38'	23 ^h 0'	18 ^h 59'	8 ^h 57'	16 ^h 41'	27 ^h 16'	3 ^h 54'	29 ^h 32'
T 28	10 29 10	8 ^h 56'38"	9 ^h 3'	18 ^h 17'	21 ^h 14'	23 ^h 28'	19 ^h 4'	8 ^h 59'	16 ^h 42'	27 ^h 17'	3 ^h 54'	29 ^h 33'

SWISS EPHEMERIS for the year 1764
heliocentric

MARCH 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	10 37 3	10 ^h 56'56	11 ^m 0	24 ^s 56	24 ^h 27	24 ^h 25	19 ^h 15	9 ^h 4	16 ^h 43	27 ^h 17	3 ^h 55	29 ^h 34
F 2	10 41 0	11°57'02	11°58	28° 9	26° 3	24°53	19°20	9° 6	16°44	27°18	3°55	29°35
S 3	10 44 56	12°57'06	12°57	1 ^m 18	27°39	25°22	19°25	9° 8	16°44	27°18	3°55	29°35
S 4	10 48 53	13°57'08	13°55	4°24	29°16	25°50	19°30	9°10	16°45	27°18	3°56	29°36
M 5	10 52 49	14°57'09	14°53	7°26	0 ^h II52	26°19	19°35	9°12	16°46	27°19	3°56	29°37
T 6	10 56 46	15°57'07	15°52	10°26	2°29	26°47	19°41	9°15	16°46	27°19	3°56	29°38
W 7	11 0 42	16°57'04	16°50	13°23	4° 5	27°16	19°46	9°17	16°47	27°19	3°57	29°38
T 8	11 4 39	17°56'58	17°49	16°18	5°42	27°44	19°51	9°19	16°48	27°20	3°57	29°39
F 9	11 8 35	18°56'50	18°48	19°11	7°19	28°13	19°56	9°21	16°48	27°20	3°57	29°40
S 10	11 12 32	19°56'40	19°48	22° 2	8°55	28°42	20° 1	9°23	16°49	27°21	3°58	29°41
S 11	11 16 29	20°56'28	20°47	24°52	10°32	29°10	20° 6	9°25	16°49	27°21	3°58	29°41
M12	11 20 25	21°56'14	21°47	27°40	12° 9	29°39	20°12	9°28	16°50	27°21	3°58	29°42
T 13	11 24 22	22°55'57	22°48	0 ^h 27	13°45	0 ^m 8	20°17	9°30	16°51	27°22	3°59	29°43
W14	11 28 18	23°55'38	23°49	3°13	15°22	0°37	20°22	9°32	16°51	27°22	3°59	29°44
T 15	11 32 15	24°55'16	24°50	5°58	16°59	1° 6	20°27	9°34	16°52	27°22	3°59	29°44
F 16	11 36 11	25°54'53	25°51	8°43	18°36	1°34	20°32	9°36	16°53	27°23	4° 0	29°45
S 17	11 40 8	26°54'27	26°52	11°28	20°12	2° 3	20°38	9°38	16°53	27°23	4° 0	29°46
S 18	11 44 4	27°53'59	27°54	14°13	21°49	2°32	20°43	9°41	16°54	27°23	4° 0	29°46
M19	11 48 1	28°53'29	28°55	16°57	23°26	3° 1	20°48	9°43	16°55	27°24	4° 1	29°47
T 20	11 51 58	29°52'57	29°57	19°42	25° 3	3°31	20°53	9°45	16°55	27°24	4° 1	29°48
W21	11 55 54	0 ^h 52'24	0 ^h 58	22°28	26°40	4° 0	20°58	9°47	16°56	27°24	4° 1	29°49
T 22	11 59 51	1°51'48	1°59	25°15	28°17	4°29	21° 3	9°49	16°57	27°25	4° 2	29°49
F 23	12 3 47	2°51'11	2°59	28° 2	29°54	4°58	21° 9	9°51	16°57	27°25	4° 2	29°50
S 24	12 7 44	3°50'32	3°59	0 ^h 51	1 ^h 31	5°27	21°14	9°54	16°58	27°26	4° 2	29°51
S 25	12 11 40	4°49'51	4°59	3°40	3° 8	5°57	21°19	9°56	16°59	27°26	4° 3	29°52
M26	12 15 37	5°49'09	5°58	6°32	4°45	6°26	21°24	9°58	16°59	27°26	4° 3	29°52
T 27	12 19 33	6°48'25	6°56	9°25	6°23	6°55	21°29	10° 0	17° 0	27°27	4° 4	29°53
W28	12 23 30	7°47'38	7°55	12°21	8° 0	7°25	21°34	10° 2	17° 1	27°27	4° 4	29°54
T 29	12 27 27	8°46'50	8°52	15°19	9°37	7°54	21°40	10° 4	17° 1	27°27	4° 4	29°54
F 30	12 31 23	9°46'01	9°50	18°19	11°14	8°24	21°45	10° 7	17° 2	27°28	4° 5	29°55
S 31	12 35 20	10 ^h 45'09	10 ^h 48	21 ^h 22	12 ^h 51	8 ^m 53	21 ^h 50	10 ^h 9	17 ^h 3	27 ^h 28	4 ^h 5	29 ^h 56

Delta T = 14.49 sec. Greg. Calendar

APRIL 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
S 1	12 39 16	11 ^h 44'15	11 ^h 45	24 ^h 28	14 ^h 29	9 ^m 23	21 ^h 55	10 ^h 11	17 ^h 3	27 ^h 28	4 ^h 5	29 ^h 57
M 2	12 43 13	12°43'13	12°42	27°38	16° 6	9°53	22° 0	10°13	17° 4	27°29	4° 6	29°57
T 3	12 47 9	13°42'21	13°40	0 ^h 51	17°43	10°22	22° 5	10°15	17° 4	27°29	4° 6	29°58
W 4	12 51 6	14°41'21	14°37	4° 8	19°20	10°52	22°11	10°17	17° 5	27°30	4° 6	29°59
T 5	12 55 2	15°40'19	15°35	7°30	20°58	11°22	22°16	10°20	17° 6	27°30	4° 7	29°59
F 6	12 58 59	16°39'15	16°32	10°56	22°35	11°52	22°21	10°22	17° 6	27°30	4° 7	0 ^h 0
S 7	13 2 56	17°38'08	17°30	14°27	24°13	12°22	22°26	10°24	17° 7	27°31	4° 7	0° 1
S 8	13 6 52	18°36'59	18°28	18° 3	25°50	12°51	22°31	10°26	17° 8	27°31	4° 8	0° 2
M 9	13 10 49	19°35'49	19°27	21°45	27°27	13°21	22°36	10°28	17° 8	27°31	4° 8	0° 3
T 10	13 14 45	20°34'35	20°26	25°32	29° 5	13°52	22°42	10°30	17° 9	27°32	4° 8	0° 3
W11	13 18 42	21°33'20	21°25	29°26	0 ^h 42	14°22	22°47	10°33	17°10	27°32	4° 9	0° 4
T 12	13 22 38	22°32'02	22°25	3 ^h 27	2°20	14°52	22°52	10°35	17°10	27°32	4° 9	0° 5
F 13	13 26 35	23°30'42	23°25	7°35	3°57	15°22	22°57	10°37	17°11	27°33	4° 9	0° 5
S 14	13 30 31	24°29'20	24°25	11°50	5°35	15°52	23° 2	10°39	17°12	27°33	4°10	0° 6
S 15	13 34 28	25°27'55	25°25	16°13	7°12	16°22	23° 7	10°41	17°12	27°33	4°10	0° 7
M16	13 38 25	26°26'29	26°26	20°45	8°50	16°53	23°12	10°43	17°13	27°34	4°10	0° 8
T 17	13 42 21	27°25'00	27°26	25°25	10°27	17°23	23°18	10°46	17°14	27°34	4°11	0° 8
W18	13 46 18	28°23'30	28°27	0 ^h 13	12° 5	17°54	23°23	10°48	17°14	27°35	4°11	0° 9
T 19	13 50 14	29°21'58	29°27	5°11	13°42	18°24	23°28	10°50	17°15	27°35	4°11	0°10
F 20	13 54 11	0 ^h 20'25	0 ^h 27	10°17	15°20	18°55	23°33	10°52	17°16	27°35	4°12	0°11
S 21	13 58 7	1°18'49	1°26	15°33	16°57	19°25	23°38	10°54	17°16	27°36	4°12	0°11
S 22	14 2 4	2°17'13	2°26	20°58	18°35	19°56	23°43	10°56	17°17	27°36	4°12	0°12
M23	14 6 0	3°15'34	3°24	26°31	20°13	20°26	23°48	10°59	17°18	27°36	4°13	0°13
T 24	14 9 57	4°13'54	4°23	2 ^h 13	21°50	20°57	23°54	11° 1	17°18	27°37	4°13	0°13
W25	14 13 54	5°12'13	5°21	8° 4	23°28	21°28	23°59	11° 3	17°19	27°37	4°13	0°14
T 26	14 17 50	6°10'30	6°18	14° 1	25° 5	21°59	24° 4	11° 5	17°20	27°37	4°14	0°15
F 27	14 21 47	7° 8'45	7°15	20° 5	26°43	22°30	24° 9	11° 7	17°20	27°38	4°14	0°16
S 28	14 25 43	8° 6'59	8°12	26°15	28°20	23° 1	24°14	11° 9	17°21	27°38	4°14	0°16
S 29	14 29 40	9° 5'11	9° 9	2 ^h 29	29°58	23°31	24°19	11°12	17°21	27°39	4°15	0°17
M30	14 33 36	10 ^m 3'21	10 ^m 5	8 ^h 47	1 ^h 35	24 ^m 3	24 ^h 24	11 ^h 14	17 ^h 22	27 ^h 39	4 ^h 15	0 ^h 18

Delta T = 14.57 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1764
heliocentric

MAY 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
T 1	14 37 33	11♈ 1'30	11♈ 2	15♈ 6	3♉ 13	24♈ 34	24♈ 30	11♈ 16	17♈ 23	27♈ 39	4♈ 15	0♈ 19
W 2	14 41 29	11°59'37	11°58	21°25	4°50	25° 5	24°35	11°18	17°23	27°40	4°16	0°19
T 3	14 45 26	12°57'43	12°55	27°42	6°28	25°36	24°40	11°20	17°24	27°40	4°16	0°20
F 4	14 49 23	13°55'47	13°51	3♉ 57	8° 5	26° 7	24°45	11°22	17°25	27°40	4°16	0°21
S 5	14 53 19	14°53'49	14°48	10° 8	9°43	26°39	24°50	11°25	17°25	27°41	4°17	0°21
S 6	14 57 16	15°51'49	15°45	16°13	11°20	27°10	24°55	11°27	17°26	27°41	4°17	0°22
M 7	15 1 12	16°49'48	16°42	22°12	12°57	27°41	25° 0	11°29	17°27	27°41	4°17	0°23
T 8	15 5 9	17°47'44	17°39	28° 2	14°35	28°13	25° 6	11°31	17°27	27°42	4°18	0°24
W 9	15 9 5	18°45'39	18°37	3♉ 45	16°12	28°44	25°11	11°33	17°28	27°42	4°18	0°24
T 10	15 13 2	19°43'32	19°35	9°18	17°50	29°16	25°16	11°36	17°29	27°42	4°18	0°25
F 11	15 16 58	20°41'23	20°34	14°42	19°27	29°47	25°21	11°38	17°29	27°43	4°19	0°26
S 12	15 20 55	21°39'13	21°33	19°57	21° 4	0♉ 19	25°26	11°40	17°30	27°43	4°19	0°27
S 13	15 24 52	22°37'00	22°32	25° 2	22°41	0°51	25°31	11°42	17°31	27°44	4°19	0°27
M14	15 28 48	23°34'46	23°31	29°57	24°19	1°23	25°36	11°44	17°31	27°44	4°20	0°28
T 15	15 32 45	24°32'31	24°31	4♉ 43	25°56	1°55	25°42	11°46	17°32	27°44	4°20	0°29
W16	15 36 41	25°30'14	25°31	9°19	27°33	2°26	25°47	11°49	17°33	27°45	4°20	0°29
T 17	15 40 38	26°27'56	26°30	13°47	29°10	2°58	25°52	11°51	17°33	27°45	4°21	0°30
F 18	15 44 34	27°25'37	27°30	18° 6	0♉ 47	3°30	25°57	11°53	17°34	27°45	4°21	0°31
S 19	15 48 31	28°23'16	28°29	22°17	2°24	4° 2	26° 2	11°55	17°35	27°46	4°21	0°32
S 20	15 52 27	29°20'55	29°28	26°21	4° 1	4°35	26° 7	11°57	17°35	27°46	4°22	0°32
M21	15 56 24	0♉ 18'32	0♉ 27	0♉ 17	5°38	5° 7	26°12	11°59	17°36	27°46	4°22	0°33
T 22	16 0 21	1°16'08	1°25	4° 6	7°15	5°39	26°17	12° 2	17°36	27°47	4°22	0°34
W23	16 4 17	2°13'44	2°23	7°49	8°52	6°11	26°23	12° 4	17°37	27°47	4°23	0°35
T 24	16 8 14	3°11'18	3°20	11°26	10°29	6°44	26°28	12° 6	17°38	27°48	4°23	0°35
F 25	16 12 10	4° 8'52	4°17	14°57	12° 6	7°16	26°33	12° 8	17°38	27°48	4°23	0°36
S 26	16 16 7	5° 6'24	5°14	18°24	13°43	7°48	26°38	12°10	17°39	27°48	4°24	0°37
S 27	16 20 3	6° 3'56	6°10	21°45	15°19	8°21	26°43	12°12	17°40	27°49	4°24	0°37
M28	16 24 0	7° 1'27	7° 6	25° 2	16°56	8°54	26°48	12°15	17°40	27°49	4°24	0°38
T 29	16 27 56	7°58'57	8° 2	28°15	18°33	9°26	26°53	12°17	17°41	27°49	4°25	0°39
W30	16 31 53	8°56'26	8°58	1♈ 24	20° 9	9°59	26°58	12°19	17°42	27°50	4°25	0°40
T 31	16 35 50	9♈ 53'55	9♈ 54	4♈ 30	21♈ 46	10♈ 32	27♈ 4	12♈ 21	17♈ 42	27♈ 50	4♈ 25	0♈ 40

Delta T = 14.66 sec. Greg. Calendar

JUNE 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
F 1	16 39 46	10♈ 51'22	10♈ 49	7♈ 32	23♈ 23	11♈ 4	27♈ 9	12♈ 23	17♈ 43	27♈ 50	4♈ 26	0♈ 41
S 2	16 43 43	11°48'49	11°45	10°32	24°59	11°37	27°14	12°25	17°44	27°51	4°26	0°42
S 3	16 47 39	12°46'14	12°41	13°29	26°36	12°10	27°19	12°28	17°44	27°51	4°26	0°43
M 4	16 51 36	13°43'38	13°37	16°24	28°12	12°43	27°24	12°30	17°45	27°51	4°27	0°43
T 5	16 55 32	14°41'01	14°33	19°17	29°48	13°16	27°29	12°32	17°46	27°52	4°27	0°44
W 6	16 59 29	15°38'24	15°30	22° 8	1♈ 25	13°49	27°34	12°34	17°46	27°52	4°27	0°45
T 7	17 3 25	16°35'45	16°27	24°57	3° 1	14°22	27°39	12°36	17°47	27°53	4°28	0°45
F 8	17 7 22	17°33'05	17°25	27°45	4°37	14°56	27°45	12°39	17°48	27°53	4°28	0°46
S 9	17 11 19	18°30'24	18°23	0♉ 32	6°13	15°29	27°50	12°41	17°48	27°53	4°28	0°47
S 10	17 15 15	19°27'42	19°21	3°18	7°49	16° 2	27°55	12°43	17°49	27°54	4°29	0°48
M11	17 19 12	20°24'59	20°20	6° 4	9°25	16°36	28° 0	12°45	17°50	27°54	4°29	0°48
T 12	17 23 8	21°22'15	21°18	8°48	11° 1	17° 9	28° 5	12°47	17°50	27°54	4°29	0°49
W13	17 27 5	22°19'31	22°18	11°33	12°37	17°43	28°10	12°49	17°51	27°55	4°30	0°50
T 14	17 31 1	23°16'46	23°17	14°18	14°13	18°16	28°15	12°52	17°52	27°55	4°30	0°51
F 15	17 34 58	24°14'00	24°16	17° 3	15°49	18°50	28°20	12°54	17°52	27°55	4°30	0°51
S 16	17 38 55	25°11'14	25°15	19°48	17°25	19°23	28°25	12°56	17°53	27°56	4°31	0°52
S 17	17 42 51	26° 8'28	26°14	22°33	19° 1	19°57	28°31	12°58	17°54	27°56	4°31	0°53
M18	17 46 48	27° 5'41	27°13	25°20	20°37	20°31	28°36	13° 0	17°54	27°57	4°31	0°53
T 19	17 50 44	28° 2'55	28°11	28° 7	22°12	21° 5	28°41	13° 2	17°55	27°57	4°32	0°54
W20	17 54 41	29° 0'08	29° 9	0♉ 56	23°48	21°39	28°46	13° 5	17°55	27°57	4°32	0°55
T 21	17 58 37	29°57'21	0♉ 6	3°46	25°24	22°12	28°51	13° 7	17°56	27°58	4°32	0°56
F 22	18 2 34	0♉ 54'34	1° 4	6°38	26°59	22°47	28°56	13° 9	17°57	27°58	4°33	0°56
S 23	18 6 30	1°51'46	2° 0	9°31	28°35	23°21	29° 1	13°11	17°57	27°58	4°33	0°57
S 24	18 10 27	2°48'59	2°57	12°27	0♉ 10	23°55	29° 6	13°13	17°58	27°59	4°33	0°58
M25	18 14 24	3°46'12	3°53	15°24	1°46	24°29	29°11	13°16	17°59	27°59	4°34	0°58
T 26	18 18 20	4°43'25	4°49	18°25	3°21	25° 3	29°16	13°18	17°59	27°59	4°34	0°59
W27	18 22 17	5°40'39	5°45	21°28	4°57	25°37	29°22	13°20	18° 0	28° 0	4°34	1° 0
T 28	18 26 13	6°37'52	6°40	24°34	6°32	26°12	29°27	13°22	18° 1	28° 0	4°35	1° 1
F 29	18 30 10	7°35'05	7°36	27°44	8° 7	26°46	29°32	13°24	18° 1	28° 1	4°35	1° 1
S 30	18 34 6	8°32'18	8°31	0♉ 57	9♈ 43	27♈ 21	29♈ 37	13♈ 26	18♈ 2	28♈ 1	4♈ 35	1♈ 2

Delta T = 14.75 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1764
heliocentric

JULY 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
S 1	18 38 3	9 ²³ 29'31	9 ²³ 27	4 ¹⁵ 15	11 ¹⁷ 18	27 ¹⁷ 55	29 ¹¹ 42	13 ³ 29	18 ¹⁷ 3	28 ¹² 1	4 ³ 36	1 ¹⁷ 3
M 2	18 41 59	10 ²⁶ 44	10 ²²	7 ³⁶	12 ⁵³	28 ³⁰	29 ⁴⁷	13 ³¹	18 ³	28 ²	4 ³⁶	1 ⁴
T 3	18 45 56	11 ²³ 57	11 ¹⁸	11 ²	14 ²⁸	29 ⁴	29 ⁵²	13 ³³	18 ⁴	28 ²	4 ³⁶	1 ⁴
W 4	18 49 53	12 ²¹ 09	12 ¹⁴	14 ³³	16 ⁴	29 ³⁹	29 ⁵⁷	13 ³⁵	18 ⁵	28 ²	4 ³⁷	1 ⁵
T 5	18 53 49	13 ¹⁸ 22	13 ¹⁰	18 ¹⁰	17 ³⁹	0 ¹⁴	0 ²	13 ³⁷	18 ⁵	28 ³	4 ³⁷	1 ⁶
F 6	18 57 46	14 ¹⁵ 34	14 ⁷	21 ⁵²	19 ¹⁴	0 ⁴⁸	0 ⁷	13 ³⁹	18 ⁶	28 ³	4 ³⁷	1 ⁶
S 7	19 1 42	15 ¹² 46	15 ⁴	25 ³⁹	20 ⁴⁹	1 ²³	0 ¹³	13 ⁴²	18 ⁷	28 ³	4 ³⁸	1 ⁷
S 8	19 5 39	16 ⁹ 58	16 ²	29 ³⁴	22 ²⁴	1 ⁵⁸	0 ¹⁸	13 ⁴⁴	18 ⁷	28 ⁴	4 ³⁸	1 ⁸
M 9	19 9 35	17 ⁷ 10	17 ⁰	3 ³⁵	23 ⁵⁹	2 ³³	0 ²³	13 ⁴⁶	18 ⁸	28 ⁴	4 ³⁸	1 ⁹
T 10	19 13 32	18 ⁴ 23	17 ⁵⁹	7 ⁴³	25 ³⁴	3 ⁸	0 ²⁸	13 ⁴⁸	18 ⁹	28 ⁴	4 ³⁹	1 ⁹
W 11	19 17 28	19 ¹ 35	18 ⁵⁷	11 ⁵⁸	27 ⁹	3 ⁴³	0 ³³	13 ⁵⁰	18 ⁹	28 ⁵	4 ³⁹	1 ¹⁰
T 12	19 21 25	19 ⁵⁸ 47	19 ⁵⁶	16 ²²	28 ⁴⁴	4 ¹⁸	0 ³⁸	13 ⁵³	18 ¹⁰	28 ⁵	4 ³⁹	1 ¹¹
F 13	19 25 22	20 ⁵⁶ 00	20 ⁵⁵	20 ⁵³	0 ¹⁹	4 ⁵⁴	0 ⁴³	13 ⁵⁵	18 ¹¹	28 ⁶	4 ⁴⁰	1 ¹¹
S 14	19 29 18	21 ⁵³ 13	21 ⁵⁴	25 ³³	1 ⁵⁴	5 ²⁹	0 ⁴⁸	13 ⁵⁷	18 ¹¹	28 ⁶	4 ⁴⁰	1 ¹²
S 15	19 33 15	22 ⁵⁰ 27	22 ⁵⁴	0 ²²	3 ²⁹	6 ⁴	0 ⁵³	13 ⁵⁹	18 ¹²	28 ⁶	4 ⁴⁰	1 ¹³
M 16	19 37 11	23 ⁴⁷ 41	23 ⁵²	5 ²⁰	5 ⁴	6 ³⁹	0 ⁵⁸	14 ¹	18 ¹²	28 ⁷	4 ⁴¹	1 ¹⁴
T 17	19 41 8	24 ⁴⁴ 56	24 ⁵¹	10 ²⁷	6 ³⁹	7 ¹⁵	1 ³	14 ³	18 ¹³	28 ⁷	4 ⁴¹	1 ¹⁴
W 18	19 45 4	25 ⁴² 11	25 ⁵⁰	15 ⁴³	8 ¹⁴	8 ¹⁴	1 ⁹	14 ⁶	18 ¹⁴	28 ⁷	4 ⁴¹	1 ¹⁵
T 19	19 49 1	26 ³⁹ 27	26 ⁴⁸	21 ⁸	9 ⁴⁸	8 ²⁶	1 ¹⁴	14 ⁸	18 ¹⁴	28 ⁸	4 ⁴²	1 ¹⁶
F 20	19 52 57	27 ³⁶ 44	27 ⁴⁶	26 ⁴²	11 ²³	9 ¹	1 ¹⁹	14 ¹⁰	18 ¹⁵	28 ⁸	4 ⁴²	1 ¹⁷
S 21	19 56 54	28 ³⁴ 02	28 ⁴³	2 ²⁴	12 ⁵⁸	9 ³⁷	1 ²⁴	14 ¹²	18 ¹⁶	28 ⁸	4 ⁴²	1 ¹⁷
S 22	20 0 51	29 ³¹ 21	29 ⁴⁰	8 ¹⁵	14 ³³	10 ¹³	1 ²⁹	14 ¹⁴	18 ¹⁶	28 ⁹	4 ⁴³	1 ¹⁸
M 23	20 4 47	0 ²⁸ 41	0 ³⁷	14 ¹²	16 ⁸	10 ⁴⁸	1 ³⁴	14 ¹⁷	18 ¹⁷	28 ⁹	4 ⁴³	1 ¹⁹
T 24	20 8 44	1 ²⁶ 01	1 ³⁴	20 ¹⁷	17 ⁴³	11 ²⁴	1 ³⁹	14 ¹⁹	18 ¹⁸	28 ¹⁰	4 ⁴³	1 ¹⁹
W 25	20 12 40	2 ²³ 23	2 ³⁰	26 ²⁷	19 ¹⁸	12 ⁰	1 ⁴⁴	14 ²¹	18 ¹⁸	28 ¹⁰	4 ⁴⁴	1 ²⁰
T 26	20 16 37	3 ²⁰ 46	3 ²⁶	2 ⁴¹	20 ⁵²	12 ³⁶	1 ⁴⁹	14 ²³	18 ¹⁹	28 ¹⁰	4 ⁴⁴	1 ²¹
F 27	20 20 33	4 ¹⁸ 10	4 ²²	8 ⁵⁸	22 ²⁷	13 ¹²	1 ⁵⁴	14 ²⁵	18 ²⁰	28 ¹¹	4 ⁴⁴	1 ²²
S 28	20 24 30	5 ¹⁵ 35	5 ¹⁷	15 ¹⁷	24 ²	13 ⁴⁸	1 ⁵⁹	14 ²⁷	18 ²⁰	28 ¹¹	4 ⁴⁵	1 ²²
S 29	20 28 27	6 ¹³ 00	6 ¹³	21 ³⁷	25 ³⁷	14 ²⁴	2 ⁴	14 ³⁰	18 ²¹	28 ¹¹	4 ⁴⁵	1 ²³
M 30	20 32 23	7 ¹⁰ 27	7 ⁸	27 ⁵⁴	27 ¹²	15 ⁰	2 ¹⁰	14 ³²	18 ²²	28 ¹²	4 ⁴⁵	1 ²⁴
T 31	20 36 20	8 ⁷ 54	8 ⁴	4 ⁹	28 ⁴⁷	15 ³⁶	2 ¹⁵	14 ³⁴	18 ²²	28 ¹²	4 ⁴⁶	1 ²⁴

Delta T = 14.84 sec. Greg. Calendar

AUGUST 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
W 1	20 40 16	9 ¹⁵ 5'22	9 ¹⁵ 0	10 ²⁰ 20	0 ²¹	16 ¹²	2 ²⁰	14 ³⁶	18 ²³	28 ¹²	4 ⁴⁶	1 ²⁵
T 2	20 44 13	10 ² 51	9 ⁵⁶	16 ²⁵	1 ⁵⁶	16 ⁴⁸	2 ²⁵	14 ³⁸	18 ²⁴	28 ¹³	4 ⁴⁶	1 ²⁶
F 3	20 48 9	11 ⁰ 20	10 ⁵³	22 ²³	3 ³¹	17 ²⁴	2 ³⁰	14 ⁴¹	18 ²⁴	28 ¹³	4 ⁴⁷	1 ²⁷
S 4	20 52 6	11 ⁵⁷ 50	11 ⁵⁰	28 ¹³	5 ⁶	18 ¹	2 ³⁵	14 ⁴³	18 ²⁵	28 ¹³	4 ⁴⁷	1 ²⁷
S 5	20 56 2	12 ⁵⁵ 22	12 ⁴⁷	3 ⁵⁶	6 ⁴¹	18 ³⁷	2 ⁴⁰	14 ⁴⁵	18 ²⁶	28 ¹⁴	4 ⁴⁷	1 ²⁸
M 6	20 59 59	13 ⁵² 54	13 ⁴⁵	9 ²⁹	8 ¹⁶	19 ¹³	2 ⁴⁵	14 ⁴⁷	18 ²⁶	28 ¹⁴	4 ⁴⁸	1 ²⁹
T 7	21 3 56	14 ⁵⁰ 26	14 ⁴³	14 ⁵³	9 ⁵⁰	19 ⁵⁰	2 ⁵⁰	14 ⁴⁹	18 ²⁷	28 ¹⁵	4 ⁴⁸	1 ³⁰
W 8	21 7 52	15 ⁴⁸ 00	15 ⁴²	20 ⁷	11 ²⁵	20 ²⁶	2 ⁵⁵	14 ⁵¹	18 ²⁸	28 ¹⁵	4 ⁴⁸	1 ³⁰
T 9	21 11 49	16 ⁴⁵ 35	16 ⁴¹	25 ¹¹	13 ⁰	21 ³	3 ⁰	14 ⁵⁴	18 ²⁸	28 ¹⁵	4 ⁴⁹	1 ³¹
F 10	21 15 45	17 ⁴³ 11	17 ⁴⁰	0 ¹⁶	14 ³⁵	21 ³⁹	3 ⁵	14 ⁵⁶	18 ²⁹	28 ¹⁶	4 ⁴⁹	1 ³²
S 11	21 19 42	18 ⁴⁰ 48	18 ³⁹	4 ⁵²	16 ¹⁰	22 ¹⁶	3 ¹⁰	14 ⁵⁸	18 ³⁰	28 ¹⁶	4 ⁴⁹	1 ³²
S 12	21 23 38	19 ³⁸ 25	19 ³⁹	9 ²⁸	17 ⁴⁵	22 ⁵²	3 ¹⁵	15 ⁰	18 ³⁰	28 ¹⁶	4 ⁵⁰	1 ³³
M 13	21 27 35	20 ³⁶ 05	20 ³⁸	13 ⁵⁵	19 ²⁰	23 ²⁹	3 ²¹	15 ²	18 ³¹	28 ¹⁷	4 ⁵⁰	1 ³⁴
T 14	21 31 31	21 ³³ 45	21 ³⁸	18 ¹⁴	20 ⁵⁵	24 ⁶	3 ²⁶	15 ⁵	18 ³¹	28 ¹⁷	4 ⁵⁰	1 ³⁵
W 15	21 35 28	22 ³¹ 27	22 ³⁷	22 ²⁵	22 ³⁰	24 ⁴³	3 ³¹	15 ⁷	18 ³²	28 ¹⁷	4 ⁵¹	1 ³⁵
T 16	21 39 25	23 ²⁹ 11	23 ³⁶	26 ²⁸	24 ⁵	25 ¹⁹	3 ³⁶	15 ⁹	18 ³³	28 ¹⁸	4 ⁵¹	1 ³⁶
F 17	21 43 21	24 ²⁶ 56	24 ³⁵	0 ²⁴	25 ⁴⁰	25 ⁵⁶	3 ⁴¹	15 ¹¹	18 ³³	28 ¹⁸	4 ⁵¹	1 ³⁷
S 18	21 47 18	25 ²⁴ 43	25 ³³	4 ¹⁴	27 ¹⁵	26 ³³	3 ⁴⁶	15 ¹³	18 ³⁴	28 ¹⁹	4 ⁵²	1 ³⁷
S 19	21 51 14	26 ²² 31	26 ³²	7 ⁵⁶	28 ⁵⁰	27 ¹⁰	3 ⁵¹	15 ¹⁵	18 ³⁵	28 ¹⁹	4 ⁵²	1 ³⁸
M 20	21 55 11	27 ²⁰ 21	27 ²⁹	11 ³³	0 ²⁵	27 ⁴⁷	3 ⁵⁶	15 ¹⁸	18 ³⁵	28 ¹⁹	4 ⁵²	1 ³⁹
T 21	21 59 7	28 ¹⁸ 13	28 ²⁷	15 ⁴	2 ⁰	28 ²⁴	4 ¹	15 ²⁰	18 ³⁶	28 ²⁰	4 ⁵³	1 ⁴⁰
W 22	22 3 4	29 ¹⁶ 07	29 ²⁴	18 ³⁰	3 ³⁵	29 ¹	4 ⁶	15 ²²	18 ³⁷	28 ²⁰	4 ⁵³	1 ⁴⁰
T 23	22 7 0	0 ¹⁴ 03	0 ²¹	21 ⁵²	5 ¹⁰	29 ³⁸	4 ¹¹	15 ²⁴	18 ³⁷	28 ²⁰	4 ⁵³	1 ⁴¹
F 24	22 10 57	1 ¹² 00	1 ¹⁸	25 ⁸	6 ⁴⁵	0 ¹⁵	4 ¹⁶	15 ²⁶	18 ³⁸	28 ²¹	4 ⁵⁴	1 ⁴²
S 25	22 14 54	2 ⁹ 59	2 ¹⁴	28 ²¹	8 ²¹	0 ⁵³	4 ²¹	15 ²⁹	18 ³⁹	28 ²¹	4 ⁵⁴	1 ⁴²
S 26	22 18 50	3 ⁸ 00	3 ¹⁰	1 ³⁰	9 ⁵⁶	1 ³⁰	4 ²⁶	15 ³¹	18 ³⁹	28 ²¹	4 ⁵⁴	1 ⁴³
M 27	22 22 47	4 ⁶ 03	4 ⁷	4 ³⁶	11 ³¹	2 ⁷	4 ³¹	15 ³³	18 ⁴⁰	28 ²²	4 ⁵⁵	1 ⁴⁴
T 28	22 26 43	5 ⁴ 07	5 ³	7 ³⁸	13 ⁶	2 ⁴⁴	4 ³⁶	15 ³⁵	18 ⁴¹	28 ²²	4 ⁵⁵	1 ⁴⁵
W 29	22 30 40	6 ² 12	5 ⁵⁹	10 ³⁸	14 ⁴¹	3 ²²	4 ⁴²	15 ³⁷	18 ⁴¹	28 ²²	4 ⁵⁵	1 ⁴⁵
T 30	22 34 36	7 ⁰ 20	6 ⁵⁵	13 ³⁵	16 ¹⁷	3 ⁵⁹	4 ⁴⁷	15 ³⁹	18 ⁴²	28 ²³	4 ⁵⁶	1 ⁴⁶
F 31	22 38 33	7 ⁵⁸ 28	7 ⁵²	16 ¹²	17 ⁵²	4 ³⁶	4 ⁵²	15 ⁴²	18 ⁴³	28 ²³	4 ⁵⁶	1 ⁴⁷

Delta T = 14.93 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1764
heliocentric

SEPTEMBER 1764

00:00 UT

Day	Sid.t	Terra	☾	♁	♂	♄	♃	♅	♁	♆	♁	♁
S 1	22 42 29	8°56'39	8°49	19♐22	19♐27	5♊14	4♁57	15♄44	18♁43	28♂24	4♁56	1♁47
S 2	22 46 26	9°54'50	9°47	22°13	21° 2	5°51	5° 2	15°46	18°44	28°24	4°57	1°48
M 3	22 50 22	10°53'04	10°45	25° 2	22°38	6°29	5° 7	15°48	18°45	28°24	4°57	1°49
T 4	22 54 19	11°51'19	11°43	27°50	24°13	7° 6	5°12	15°50	18°45	28°25	4°57	1°50
W 5	22 58 16	12°49'35	12°42	0♊37	25°49	7°44	5°17	15°53	18°46	28°25	4°58	1°50
T 6	23 2 12	13°47'53	13°41	3°23	27°24	8°21	5°22	15°55	18°46	28°25	4°58	1°51
F 7	23 6 9	14°46'12	14°41	6° 9	28°59	8°59	5°27	15°57	18°47	28°26	4°58	1°52
S 8	23 10 5	15°44'33	15°41	8°54	0♐35	9°36	5°32	15°59	18°48	28°26	4°59	1°52
S 9	23 14 2	16°42'55	16°41	11°39	2°10	10°14	5°37	16° 1	18°48	28°26	4°59	1°53
M10	23 17 58	17°41'20	17°41	14°23	3°46	10°52	5°42	16° 3	18°49	28°27	4°59	1°54
T 11	23 21 55	18°39'46	18°41	17° 8	5°21	11°29	5°47	16° 6	18°50	28°27	5° 0	1°55
W12	23 25 51	19°38'14	19°41	19°53	6°57	12° 7	5°52	16° 8	18°50	28°28	5° 0	1°55
T 13	23 29 48	20°36'44	20°41	22°39	8°33	12°45	5°57	16°10	18°51	28°28	5° 0	1°56
F 14	23 33 45	21°35'16	21°41	25°25	10° 8	13°23	6° 2	16°12	18°52	28°28	5° 1	1°57
S 15	23 37 41	22°33'50	22°41	28°13	11°44	14° 0	6° 7	16°14	18°52	28°29	5° 1	1°57
S 16	23 41 38	23°32'27	23°41	1♁ 1	13°19	14°38	6°12	16°17	18°53	28°29	5° 1	1°58
M17	23 45 34	24°31'06	24°40	3°51	14°55	15°16	6°17	16°19	18°54	28°29	5° 2	1°59
T 18	23 49 31	25°29'47	25°39	6°43	16°31	15°54	6°22	16°21	18°54	28°30	5° 2	2° 0
W19	23 53 27	26°28'30	26°38	9°37	18° 7	16°32	6°28	16°23	18°55	28°30	5° 2	2° 0
T 20	23 57 24	27°27'15	27°36	12°32	19°42	17°10	6°33	16°25	18°56	28°30	5° 3	2° 1
F 21	0 1 20	28°26'03	28°34	15°30	21°18	17°47	6°38	16°28	18°56	28°31	5° 3	2° 2
S 22	0 5 17	29°24'53	29°31	18°31	22°54	18°25	6°43	16°30	18°57	28°31	5° 3	2° 2
S 23	0 9 14	0♐23'45	0♐29	21°34	24°30	19° 3	6°48	16°32	18°58	28°31	5° 4	2° 3
M24	0 13 10	1°22'39	1°26	24°40	26° 6	19°41	6°53	16°34	18°58	28°32	5° 4	2° 4
T 25	0 17 7	2°21'36	2°23	27°50	27°41	20°19	6°58	16°36	18°59	28°32	5° 4	2° 5
W26	0 21 3	3°20'34	3°20	1♊ 4	29°17	20°57	7° 3	16°38	19° 0	28°33	5° 5	2° 5
T 27	0 25 0	4°19'35	4°17	4°21	0♄53	21°35	7° 8	16°41	19° 0	28°33	5° 5	2° 6
F 28	0 28 56	5°18'37	5°14	7°43	2°29	22°13	7°13	16°43	19° 1	28°33	5° 5	2° 7
S 29	0 32 53	6°17'42	6°12	11° 9	4° 5	22°51	7°18	16°45	19° 2	28°34	5° 6	2° 7
S 30	0 36 49	7°16'48	7°10	14♐40	5♄41	23♐29	7♁23	16♄47	19♁ 2	28♂34	5♁ 6	2♁ 8

Delta T = 15.02 sec.

Greg. Calendar

OCTOBER 1764

00:00 UT

Day	Sid.t	Terra	☾	♁	♂	♄	♃	♅	♁	♆	♁	♁
M 1	0 40 46	8°15'56	8°17	18♐17	7♄17	24♐ 7	7♁28	16♄49	19♁ 3	28♂34	5♁ 6	2♁ 9
T 2	0 44 43	9°15'06	9° 7	21°59	8°53	24°45	7°33	16°52	19° 3	28°35	5° 7	2°10
W 3	0 48 39	10°14'18	10° 6	25°47	10°30	25°23	7°38	16°54	19° 4	28°35	5° 7	2°10
T 4	0 52 36	11°13'31	11° 5	29°41	12° 6	26° 1	7°43	16°56	19° 5	28°35	5° 7	2°11
F 5	0 56 32	12°12'46	12° 5	3♁43	13°42	26°39	7°48	16°58	19° 5	28°36	5° 8	2°12
S 6	1 0 29	13°12'03	13° 6	7°51	15°18	27°17	7°53	17° 0	19° 6	28°36	5° 8	2°12
S 7	1 4 25	14°11'21	14° 6	12° 7	16°54	27°56	7°58	17° 2	19° 7	28°37	5° 8	2°13
M 8	1 8 22	15°10'42	15° 7	16°30	18°30	28°34	8° 3	17° 5	19° 7	28°37	5° 9	2°14
T 9	1 12 18	16°10'04	16° 8	21° 2	20° 7	29°12	8° 8	17° 7	19° 8	28°37	5° 9	2°15
W10	1 16 15	17° 9'29	17°10	25°42	21°43	29°50	8°13	17° 9	19° 9	28°38	5° 9	2°15
T 11	1 20 12	18° 8'55	18°11	0♐32	23°19	0♁28	8°18	17°11	19° 9	28°38	5°10	2°16
F 12	1 24 8	19° 8'24	19°12	5°30	24°56	1° 6	8°23	17°13	19°10	28°38	5°10	2°17
S 13	1 28 5	20° 7'55	20°13	10°37	26°32	1°44	8°28	17°16	19°11	28°39	5°10	2°17
S 14	1 32 1	21° 7'28	21°14	15°53	28° 9	2°22	8°33	17°18	19°11	28°39	5°11	2°18
M15	1 35 58	22° 7'03	22°15	21°18	29°45	3° 0	8°38	17°20	19°12	28°39	5°11	2°19
T 16	1 39 54	23° 6'41	23°15	26°52	1♐22	3°38	8°43	17°22	19°13	28°40	5°11	2°20
W17	1 43 51	24° 6'20	24°15	2♄35	2°58	4°16	8°48	17°24	19°13	28°40	5°12	2°20
T 18	1 47 47	25° 6'03	25°15	8°26	4°35	4°54	8°53	17°27	19°14	28°40	5°12	2°21
F 19	1 51 44	26° 5'47	26°15	14°24	6°11	5°33	8°58	17°29	19°15	28°41	5°12	2°22
S 20	1 55 41	27° 5'33	27°14	20°28	7°48	6°11	9° 3	17°31	19°15	28°41	5°13	2°22
S 21	1 59 37	28° 5'22	28°13	26°39	9°24	6°49	9° 8	17°33	19°16	28°42	5°13	2°23
M22	2 3 34	29° 5'13	29°11	2♐53	11° 1	7°27	9°13	17°35	19°17	28°42	5°13	2°24
T 23	2 7 30	0♄ 5'06	0♄ 9	9°10	12°38	8° 5	9°18	17°37	19°17	28°42	5°14	2°25
W24	2 11 27	1° 5'02	1° 7	15°29	14°14	8°43	9°23	17°40	19°18	28°43	5°14	2°25
T 25	2 15 23	2° 4'59	2° 5	21°49	15°51	9°21	9°28	17°42	19°19	28°43	5°14	2°26
F 26	2 19 20	3° 4'58	3° 3	28° 6	17°28	9°59	9°34	17°44	19°19	28°43	5°15	2°27
S 27	2 23 16	4° 5'00	4° 1	4♁21	19° 5	10°37	9°39	17°46	19°20	28°44	5°15	2°27
S 28	2 27 13	5° 5'03	5° 0	10°31	20°42	11°15	9°44	17°48	19°20	28°44	5°15	2°28
M29	2 31 10	6° 5'07	5°58	16°36	22°19	11°53	9°49	17°51	19°21	28°44	5°16	2°29
T 30	2 35 6	7° 5'14	6°57	22°34	23°55	12°31	9°54	17°53	19°22	28°45	5°16	2°30
W31	2 39 3	8♄ 5'22	7♄57	28♁24	25♐32	13♁ 9	9♁59	17♄55	19♁22	28♂45	5♁16	2♁30

Delta T = 15.11 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1764
heliocentric

NOVEMBER 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
T 1	2 42 59	9♂ 5'31	8♂57	4♁ 6	27♁ 9	13♁47	10♁ 4	17♂57	19♁23	28♁46	5♁17	2♁31
F 2	2 46 56	10° 5'42	9°57	9°39	28°46	14°25	10° 9	17°59	19°24	28°46	5°17	2°32
S 3	2 50 52	11° 5'54	10°58	15° 3	0♁23	15° 3	10°14	18° 2	19°24	28°46	5°17	2°32
S 4	2 54 49	12° 6'08	11°59	20°17	2° 0	15°41	10°19	18° 4	19°25	28°47	5°18	2°33
M 5	2 58 45	13° 6'23	13° 0	25°21	3°38	16°18	10°24	18° 6	19°26	28°47	5°18	2°34
T 6	3 2 42	14° 6'40	14° 2	0♁15	5°15	16°56	10°29	18° 8	19°26	28°47	5°18	2°35
W 7	3 6 39	15° 6'59	15° 4	5° 1	6°52	17°34	10°34	18°10	19°27	28°48	5°19	2°35
T 8	3 10 35	16° 7'19	16° 6	9°37	8°29	18°12	10°39	18°13	19°28	28°48	5°19	2°36
F 9	3 14 32	17° 7'41	17° 8	14° 4	10° 6	18°50	10°44	18°15	19°28	28°48	5°19	2°37
S 10	3 18 28	18° 8'05	18°10	18°23	11°43	19°27	10°49	18°17	19°29	28°49	5°20	2°37
S 11	3 22 25	19° 8'30	19°12	22°33	13°21	20° 5	10°54	18°19	19°30	28°49	5°20	2°38
M12	3 26 21	20° 8'57	20°14	26°36	14°58	20°43	10°59	18°21	19°30	28°49	5°20	2°39
T 13	3 30 18	21° 9'26	21°16	0♁32	16°35	21°21	11° 4	18°23	19°31	28°50	5°21	2°40
W14	3 34 14	22° 9'57	22°18	4°21	18°12	21°58	11° 9	18°26	19°32	28°50	5°21	2°40
T 15	3 38 11	23°10'29	23°19	8° 3	19°50	22°36	11°14	18°28	19°32	28°51	5°21	2°41
F 16	3 42 8	24°11'03	24°20	11°40	21°27	23°14	11°19	18°30	19°33	28°51	5°22	2°42
S 17	3 46 4	25°11'39	25°21	15°11	23° 4	23°51	11°24	18°32	19°34	28°51	5°22	2°42
S 18	3 50 1	26°12'17	26°21	18°37	24°42	24°29	11°29	18°34	19°34	28°52	5°22	2°43
M19	3 53 57	27°12'56	27°21	21°58	26°19	25° 6	11°34	18°37	19°35	28°52	5°23	2°44
T 20	3 57 54	28°13'37	28°20	25°15	27°57	25°44	11°39	18°39	19°36	28°52	5°23	2°44
W21	4 1 50	29°14'20	29°19	28°27	29°34	26°21	11°44	18°41	19°36	28°53	5°23	2°45
T 22	4 5 47	0♁15'04	0♁18	1♁36	1♁12	26°59	11°49	18°43	19°37	28°53	5°24	2°46
F 23	4 9 43	1°15'50	1°17	4°42	2°49	27°36	11°54	18°45	19°38	28°53	5°24	2°47
S 24	4 13 40	2°16'38	2°16	7°44	4°27	28°14	11°59	18°48	19°38	28°54	5°24	2°47
S 25	4 17 37	3°17'26	3°14	10°43	6° 4	28°51	12° 4	18°50	19°39	28°54	5°25	2°48
M26	4 21 33	4°18'16	4°13	13°40	7°42	29°29	12° 9	18°52	19°39	28°55	5°25	2°49
T 27	4 25 30	5°19'07	5°13	16°35	9°19	0♁6	12°14	18°54	19°40	28°55	5°25	2°49
W28	4 29 26	6°19'58	6°12	19°28	10°57	0°43	12°19	18°56	19°41	28°55	5°26	2°50
T 29	4 33 23	7°20'51	7°12	22°19	12°34	1°20	12°24	18°59	19°41	28°56	5°26	2°51
F 30	4 37 19	8♁21'44	8♁13	25♁ 8	14♁12	1♁58	12♁29	19♁ 1	19♁42	28♁56	5♁26	2♁52

Delta T = 15.19 sec.

Greg. Calendar

DECEMBER 1764

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
S 1	4 41 16	9♁22'38	9♁14	27♁56	15♁49	2♁35	12♁34	19♁ 3	19♁43	28♁56	5♁27	2♁52
S 2	4 45 12	10°23'33	10°15	0♁43	17°27	3°12	12°39	19° 5	19°43	28°57	5°27	2°53
M 3	4 49 9	11°24'28	11°16	3°29	19° 4	3°49	12°44	19° 7	19°44	28°57	5°27	2°54
T 4	4 53 6	12°25'24	12°18	6°14	20°42	4°26	12°49	19°10	19°45	28°57	5°28	2°54
W 5	4 57 2	13°26'21	13°21	8°59	22°19	5° 3	12°53	19°12	19°45	28°58	5°28	2°55
T 6	5 0 59	14°27'19	14°23	11°44	23°57	5°40	12°58	19°14	19°46	28°58	5°28	2°56
F 7	5 4 55	15°28'18	15°26	14°28	25°34	6°17	13° 3	19°16	19°47	28°58	5°29	2°57
S 8	5 8 52	16°29'17	16°28	17°13	27°12	6°54	13° 8	19°18	19°47	28°59	5°29	2°57
S 9	5 12 48	17°30'18	17°31	19°58	28°50	7°31	13°13	19°20	19°48	28°59	5°29	2°58
M10	5 16 45	18°31'19	18°34	22°44	0♁27	8° 8	13°18	19°23	19°49	29° 0	5°30	2°59
T 11	5 20 42	19°32'21	19°37	25°31	2° 5	8°44	13°23	19°25	19°49	29° 0	5°30	2°59
W12	5 24 38	20°33'24	20°39	28°18	3°42	9°21	13°28	19°27	19°50	29° 0	5°30	3° 0
T 13	5 28 35	21°34'27	21°42	1♁ 7	5°20	9°58	13°33	19°29	19°51	29° 1	5°31	3° 1
F 14	5 32 31	22°35'32	22°44	3°57	6°57	10°35	13°38	19°31	19°51	29° 1	5°31	3° 2
S 15	5 36 28	23°36'37	23°45	6°49	8°34	11°11	13°43	19°34	19°52	29° 1	5°31	3° 2
S 16	5 40 24	24°37'43	24°47	9°42	10°12	11°48	13°48	19°36	19°53	29° 2	5°32	3° 3
M17	5 44 21	25°38'50	25°48	12°38	11°49	12°24	13°53	19°38	19°53	29° 2	5°32	3° 4
T 18	5 48 17	26°39'58	26°48	15°36	13°27	13° 1	13°58	19°40	19°54	29° 2	5°32	3° 4
W19	5 52 14	27°41'06	27°48	18°37	15° 4	13°37	14° 3	19°42	19°55	29° 3	5°33	3° 5
T 20	5 56 11	28°42'15	28°48	21°40	16°41	14°14	14° 8	19°45	19°55	29° 3	5°33	3° 6
F 21	6 0 7	29°43'25	29°47	24°47	18°19	14°50	14°13	19°47	19°56	29° 4	5°33	3° 6
S 22	6 4 4	0♁44'36	0♁47	27°56	19°56	15°26	14°18	19°49	19°57	29° 4	5°34	3° 7
S 23	6 8 0	1°45'47	1°46	1♁10	21°33	16° 2	14°23	19°51	19°57	29° 4	5°34	3° 8
M24	6 11 57	2°46'58	2°45	4°28	23°11	16°39	14°28	19°53	19°58	29° 5	5°34	3° 9
T 25	6 15 53	3°48'09	3°44	7°49	24°48	17°15	14°33	19°56	19°58	29° 5	5°35	3° 9
W26	6 19 50	4°49'21	4°44	11°16	26°25	17°51	14°38	19°58	19°59	29° 5	5°35	3°10
T 27	6 23 46	5°50'32	5°43	14°47	28° 2	18°27	14°43	20° 0	20° 0	29° 6	5°35	3°11
F 28	6 27 43	6°51'43	6°43	18°24	29°39	19° 3	14°48	20° 2	20° 0	29° 6	5°36	3°11
S 29	6 31 40	7°52'53	7°44	22° 6	1♁16	19°39	14°53	20° 4	20° 1	29° 6	5°36	3°12
S 30	6 35 36	8°54'04	8°45	25°54	2°54	20°15	14°58	20° 7	20° 2	29° 7	5°36	3°13
M31	6 39 33	9♁55'14	9♁46	29♁49	4♁31	20♁51	15♁ 3	20♁ 9	20♁ 2	29♁ 7	5♁37	3♁14

Delta T = 15.27 sec.

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