

SWISS EPHEMERIS for the year 744

JANUARY 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	6 52 42	13°57'00	22°49	15°27	29°20	6°55	26°R39	24°R56	15° 7	2°R 9	10°37	26°R40	27°28	6°25	0°47								
T 2	6 56 38	14°58'02	7°II29	17°10	0°35	7°13	26°B36	24°M56	15°10	2°II 7	10°37	26°B38	27°24	6°32	0°49								
F 3	7 0 35	15°59'03	22°29	18°53	1°50	7°31	26°33	24°56	15°14	2° 6	10°38	26°37	27°21	6°38	0°50								
S 4	7 4 32	17° 0'03	7°B41	20°36	3° 5	7°50	26°30	24°55	15°17	2° 5	10°38	26°36	27°18	6°45	0°52								
S 5	7 8 28	18° 1'02	22°55	22°20	4°20	8° 9	26°27	24°55	15°20	2° 4	10°38	26°D36	27°15	6°52	0°53								
M 6	7 12 25	19° 2'00	8°L 2	24° 5	5°35	8°29	26°25	24°54	15°23	2° 3	10°38	26°36	27°12	6°58	0°55								
T 7	7 16 21	20° 2'57	22°51	25°50	6°50	8°49	26°23	24°54	15°26	2° 2	10°38	26°36	27° 9	7° 5	0°56								
W 8	7 20 18	21° 3'53	7°M18	27°35	8° 5	9° 9	26°21	24°53	15°29	2° 1	10°38	26°37	27° 5	7°12	0°58								
T 9	7 24 14	22° 4'49	21°19	29°21	9°20	9°29	26°19	24°52	15°33	2° 0	10°38	26°37	27° 2	7°18	1° 0								
F 10	7 28 11	23° 5'43	4°L51	1° 7	10°35	9°50	26°17	24°51	15°36	1°59	10°R38	26°38	26°59	7°25	1° 1								
S 11	7 32 7	24° 6'36	17°58	2°53	11°50	10°12	26°16	24°50	15°39	1°58	10°38	26°38	26°56	7°32	1° 3								
S 12	7 36 4	25° 7'29	0°M42	4°40	13° 5	10°34	26°14	24°49	15°42	1°57	10°38	26°R38	26°53	7°38	1° 5								
M13	7 40 1	26° 8'21	13° 6	6°26	14°20	10°56	26°13	24°48	15°46	1°56	10°38	26°D38	26°49	7°45	1° 7								
T 14	7 43 57	27° 9'12	25°15	8°12	15°34	11°18	26°12	24°46	15°49	1°56	10°38	26°38	26°46	7°52	1° 9								
W15	7 47 54	28°10'01	7°A13	9°58	16°49	11°41	26°12	24°45	15°52	1°55	10°38	26°38	26°43	7°58	1°11								
T 16	7 51 50	29°10'50	19° 4	11°43	18° 4	12° 4	26°11	24°43	15°56	1°54	10°38	26°38	26°40	8° 5	1°13								
F 17	7 55 47	0°11'38	0°S51	13°27	19°19	12°27	26°11	24°42	15°59	1°53	10°38	26°39	26°37	8°12	1°15								
S 18	7 59 43	1°12'24	12°38	15°10	20°34	12°51	26°D11	24°40	16° 2	1°52	10°37	26°39	26°34	8°18	1°17								
S 19	8 3 40	2°13'09	24°28	16°52	21°48	13°15	26°11	24°38	16° 6	1°52	10°37	26°R39	26°30	8°25	1°19								
M20	8 7 37	3°13'52	6°A22	18°31	23° 3	13°39	26°11	24°36	16° 9	1°51	10°37	26°39	26°27	8°32	1°21								
T 21	8 11 33	4°14'35	18°22	20° 8	24°18	14° 3	26°12	24°34	16°13	1°51	10°36	26°38	26°24	8°38	1°24								
W22	8 15 30	5°15'15	0°K31	21°41	25°32	14°28	26°13	24°32	16°16	1°50	10°36	26°38	26°21	8°45	1°26								
T 23	8 19 26	6°15'54	12°50	23°11	26°47	14°53	26°14	24°30	16°19	1°49	10°35	26°36	26°18	8°52	1°28								
F 24	8 23 23	7°16'31	25°21	24°37	28° 2	15°19	26°15	24°27	16°23	1°49	10°35	26°35	26°15	8°58	1°31								
S 25	8 27 19	8°17'06	8°Y 6	25°58	29°16	15°44	26°16	24°25	16°26	1°48	10°34	26°33	26°11	9° 5	1°33								
S 26	8 31 16	9°17'40	21° 8	27°13	0°K31	16°10	26°18	24°22	16°30	1°48	10°34	26°32	26° 8	9°12	1°36								
M27	8 35 12	10°18'11	4°B28	28°22	1°45	16°36	26°19	24°20	16°33	1°48	10°33	26°D31	26° 5	9°18	1°38								
T 28	8 39 9	11°18'41	18° 7	29°24	3° 0	17° 2	26°21	24°17	16°37	1°47	10°33	26°31	26° 2	9°25	1°41								
W29	8 43 5	12°19'09	2°II 8	0°K19	4°14	17°29	26°24	24°14	16°40	1°47	10°32	26°32	25°59	9°31	1°43								
T 30	8 47 2	13°19'35	16°28	1° 5	5°29	17°56	26°26	24°11	16°44	1°47	10°31	26°33	25°55	9°38	1°46								
F 31	8 50 59	14°19'59	1°B 6	1°K43	6°K43	18°B23	26°B28	24°M 8	16°47	1°46	10°31	26°B35	25°B52	9°B45	1°Y49								

Delta T = 56m52s

Julian Calendar 1 Jan. 744 == Greg. Calendar 5 Jan. 744

FEBRUARY 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	8 54 55	15°20'21	15°B58	2°K11	7°K57	18°B50	26°B31	24°R 5	16°50	1°R46	10°R30	26°B35	25°B49	9°B51	1°Y51								
S 2	8 58 52	16°20'41	0°L56	2°30	9°12	19°17	26°34	24°M 2	16°54	1°II46	10°L29	26°R36	25°46	9°58	1°54								
M 3	9 2 48	17°20'59	15°54	2°R38	10°26	19°45	26°37	23°59	16°57	1°46	10°28	26°35	25°43	10° 5	1°57								
T 4	9 6 45	18°21'15	0°M41	2°37	11°40	20°12	26°40	23°56	17° 1	1°45	10°27	26°33	25°40	10°11	2° 0								
W 5	9 10 41	19°21'29	15°12	2°27	12°54	20°40	26°44	23°52	17° 4	1°45	10°27	26°30	25°36	10°18	2° 2								
T 6	9 14 38	20°21'42	29°20	2° 6	14° 8	21° 8	26°48	23°49	17° 8	1°45	10°26	26°26	25°33	10°25	2° 5								
F 7	9 18 34	21°21'53	13°L 2	1°37	15°22	21°37	26°51	23°46	17°11	1°45	10°25	26°23	25°30	10°31	2° 8								
S 8	9 22 31	22°22'02	26°17	1° 0	16°36	22° 5	26°55	23°42	17°15	1°D45	10°24	26°20	25°27	10°38	2°11								
S 9	9 26 28	23°22'10	9°M 7	0°16	17°50	22°34	27° 0	23°38	17°18	1°45	10°23	26°18	25°24	10°45	2°14								
M10	9 30 24	24°22'17	21°35	29°A26	19° 4	23° 3	27° 4	23°35	17°22	1°45	10°22	26°D17	25°20	10°51	2°17								
T 11	9 34 21	25°22'21	3°A45	28°31	20°18	23°32	27° 9	23°31	17°25	1°45	10°21	26°17	25°17	10°58	2°20								
W12	9 38 17	26°22'24	15°42	27°32	21°32	24° 1	27°13	23°27	17°28	1°45	10°20	26°18	25°14	11° 5	2°23								
T 13	9 42 14	27°22'26	27°32	26°32	22°46	24°30	27°18	23°23	17°32	1°46	10°19	26°20	25°11	11°11	2°26								
F 14	9 46 10	28°22'26	9°B18	25°31	24° 0	24°59	27°23	23°19	17°35	1°46	10°18	26°22	25° 8	11°18	2°29								
S 15	9 50 7	29°22'23	21° 6	24°31	25°14	25°29	27°29	23°15	17°39	1°46	10°16	26°R23	25° 5	11°25	2°33								
S 16	9 54 4	0°K22'19	3°A 0	23°33	26°28	25°59	27°34	23°11	17°42	1°46	10°15	26°23	25° 1	11°31	2°36								
M17	9 58 0	1°22'13	15° 1	22°39	27°41	26°29	27°40	23° 7	17°45	1°47	10°14	26°21	24°58	11°38	2°39								
T 18	10 1 57	2°22'06	27°13	21°48	28°55	26°59	27°45	23° 3	17°49	1°47	10°13	26°18	24°55	11°44	2°42								
W19	10 5 53	3°21'56	9°K38	21° 3	0°Y 9	27°29	27°51	22°59	17°52	1°47	10°12	26°13	24°52	11°51	2°46								
T 20	10 9 50	4°21'44	22°15	20°23	1°22	27°59	27°57	22°54	17°56	1°48	10°10	26° 6	24°49	11°58	2°49								
F 21	10 13 46	5°21'30	5°Y 5	19°49	2°36	28°30	28° 4	22°50	17°59	1°48	10° 9	25°59	24°46	12° 4	2°52								
S 22	10 17 43	6°21'13	18° 8	19°22	3°49	29° 0	28°10	22°46	18° 2	1°49	10° 8	25°52	24°42	12°11	2°55								
S 23	10 21 39	7°20'55	1°B24	19° 0	5° 3	29°31	28°16	22°41	18° 6	1°49	10° 6	25°46	24°39	12°18	2°59								
M24	10 25 36	8°20'34	14°53	18°45	6°16	0°II 2	28°23	22°37	18° 9	1°50	10° 5	25°42	24°36	12°24	3° 2								
T 25	10 29 32	9°20'11	28°35	18°36	7°29	0°33	28°30	22°32	18°12	1°50	10° 4	25°40	24°33	12°31	3° 5								
W26	10 33 29	10°19'46	12°II29	18°D34	8°42	1° 4	28°37	22°28	18°15	1°51	10° 2	25°D39	24°30	12°38	3° 9								
T 27	10 37 26	11°19'18	26°35	18°37	9°56	1°35	28°44	22°23	18°19	1°51	10° 1	25°40	24°26	12°44	3°12								
F 28	10 41 22	12°18'48	10°B53	18°46	11° 9	2° 6	28°51	22°19	18°22	1°52	9°59	25°41	24°23	12°51	3°16								
S 29	10 45 19	13°K18'15	25°B20	19° 0	12°Y22	2°II38	28°B59	22°M14	18°25	1°II53	9°L58	25°R42	24°B20	12°B58	3°Y19								

Delta T = 56m52s

Julian Calendar

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SWISS EPHEMERIS for the year 744

MARCH 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
S 1	10 49 15	14 ^h 17'40	9 ^h 53'	19 ^h 20'	13 ^h 35'	3 ^h 9'	29 ^h 6'	22 ^h R10	18 ^h 28'	1 ^h 54'	9 ^h R57	25 ^h R41	24 ^h 37'	13 ^h 3'	4 ^h 23'	
M 2	10 53 12	15 ^h 17'03	24 ^h 27'	19 ^h 44'	14 ^h 48'	3 ^h 41'	29 ^h 14'	22 ^h 7'5	18 ^h 32'	1 ^h 54'	9 ^h 55'	25 ^h 38'	24 ^h 14'	13 ^h 11'	3 ^h 26'	
T 3	10 57 8	16 ^h 16'24	8 ^h 56'	20 ^h 13'	16 ^h 1'	4 ^h 13'	29 ^h 22'	22 ^h 0'	18 ^h 35'	1 ^h 55'	9 ^h 54'	25 ^h 33'	24 ^h 11'	13 ^h 18'	3 ^h 30'	
W 4	11 1 5	17 ^h 15'42	23 ^h 14'	20 ^h 47'	17 ^h 14'	4 ^h 44'	29 ^h 30'	21 ^h 56'	18 ^h 38'	1 ^h 56'	9 ^h 52'	25 ^h 25'	24 ^h 7'	13 ^h 24'	3 ^h 33'	
T 5	11 5 1	18 ^h 14'58	7 ^h 14'	21 ^h 24'	18 ^h 26'	5 ^h 16'	29 ^h 38'	21 ^h 51'	18 ^h 41'	1 ^h 57'	9 ^h 50'	25 ^h 17'	24 ^h 4'	13 ^h 31'	3 ^h 37'	
F 6	11 8 58	19 ^h 14'12	20 ^h 54'	22 ^h 6'	19 ^h 39'	5 ^h 48'	29 ^h 46'	21 ^h 47'	18 ^h 44'	1 ^h 58'	9 ^h 49'	25 ^h 8'	24 ^h 1'	13 ^h 37'	3 ^h 40'	
S 7	11 12 55	20 ^h 13'25	4 ^h 10'	22 ^h 51'	20 ^h 52'	6 ^h 20'	29 ^h 55'	21 ^h 42'	18 ^h 47'	1 ^h 59'	9 ^h 47'	24 ^h 59'	23 ^h 58'	13 ^h 44'	3 ^h 44'	
S 8	11 16 51	21 ^h 12'35	17 ^h 3'	23 ^h 39'	22 ^h 4'	6 ^h 53'	0 ^h 3'	21 ^h 37'	18 ^h 50'	2 ^h 0'	9 ^h 46'	24 ^h 52'	23 ^h 55'	13 ^h 51'	3 ^h 47'	
M 9	11 20 48	22 ^h 11'44	29 ^h 34'	24 ^h 31'	23 ^h 17'	7 ^h 25'	0 ^h 12'	21 ^h 33'	18 ^h 53'	2 ^h 1'	9 ^h 44'	24 ^h 47'	23 ^h 52'	13 ^h 57'	3 ^h 51'	
T 10	11 24 44	23 ^h 10'51	11 ^h 46'	25 ^h 26'	24 ^h 29'	7 ^h 57'	0 ^h 21'	21 ^h 28'	18 ^h 56'	2 ^h 2'	9 ^h 43'	24 ^h 45'	23 ^h 48'	14 ^h 4'	3 ^h 55'	
W11	11 28 41	24 ^h 9'56	23 ^h 45'	26 ^h 24'	25 ^h 42'	8 ^h 30'	0 ^h 30'	21 ^h 23'	18 ^h 59'	2 ^h 3'	9 ^h 41'	24 ^h D44	23 ^h 45'	14 ^h 11'	3 ^h 58'	
T 12	11 32 37	25 ^h 8'59	5 ^h 36'	27 ^h 25'	26 ^h 54'	9 ^h 2'	0 ^h 39'	21 ^h 19'	19 ^h 2'	2 ^h 4'	9 ^h 39'	24 ^h 44'	23 ^h 42'	14 ^h 17'	4 ^h 2'	
F 13	11 36 34	26 ^h 8'00	17 ^h 23'	28 ^h 28'	28 ^h 7'	9 ^h 35'	0 ^h 48'	21 ^h 14'	19 ^h 5'	2 ^h 5'	9 ^h 38'	24 ^h 45'	23 ^h 39'	14 ^h 24'	4 ^h 5'	
S 14	11 40 30	27 ^h 7'00	29 ^h 13'	29 ^h 34'	29 ^h 19'	10 ^h 7'	0 ^h 57'	21 ^h 9'	19 ^h 8'	2 ^h 6'	9 ^h 36'	24 ^h R45	23 ^h 36'	14 ^h 31'	4 ^h 9'	
S 15	11 44 27	28 ^h 5'57	11 ^h 30'	0 ^h 43'	0 ^h 31'	10 ^h 40'	1 ^h 6'	21 ^h 5'	19 ^h 11'	2 ^h 7'	9 ^h 35'	24 ^h 44'	23 ^h 32'	14 ^h 37'	4 ^h 13'	
M16	11 48 24	29 ^h 4'53	23 ^h 18'	1 ^h 53'	1 ^h 43'	11 ^h 13'	1 ^h 16'	21 ^h 0'	19 ^h 14'	2 ^h 8'	9 ^h 33'	24 ^h 40'	23 ^h 29'	14 ^h 44'	4 ^h 16'	
T 17	11 52 20	0 ^h 3'47	5 ^h 41'	3 ^h 6'	2 ^h 55'	11 ^h 46'	1 ^h 25'	20 ^h 56'	19 ^h 17'	2 ^h 10'	9 ^h 31'	24 ^h 34'	23 ^h 26'	14 ^h 51'	4 ^h 20'	
W18	11 56 17	1 ^h 2'39	18 ^h 20'	4 ^h 21'	4 ^h 7'	12 ^h 19'	1 ^h 35'	20 ^h 51'	19 ^h 19'	2 ^h 11'	9 ^h 30'	24 ^h 25'	23 ^h 23'	14 ^h 57'	4 ^h 23'	
T 19	12 0 13	2 ^h 1'28	1 ^h 17'	5 ^h 38'	5 ^h 19'	12 ^h 52'	1 ^h 45'	20 ^h 46'	19 ^h 22'	2 ^h 12'	9 ^h 28'	24 ^h 14'	23 ^h 20'	15 ^h 4'	4 ^h 27'	
F 20	12 4 10	3 ^h 0'16	14 ^h 30'	6 ^h 57'	6 ^h 31'	13 ^h 25'	1 ^h 55'	20 ^h 42'	19 ^h 25'	2 ^h 13'	9 ^h 26'	24 ^h 3'	23 ^h 17'	15 ^h 11'	4 ^h 31'	
S 21	12 8 6	3 ^h 59'02	27 ^h 57'	8 ^h 19'	7 ^h 43'	13 ^h 59'	2 ^h 5'	20 ^h 37'	19 ^h 28'	2 ^h 15'	9 ^h 24'	23 ^h 51'	23 ^h 13'	15 ^h 17'	4 ^h 34'	
S 22	12 12 3	4 ^h 57'45	11 ^h 37'	9 ^h 41'	8 ^h 54'	14 ^h 32'	2 ^h 15'	20 ^h 33'	19 ^h 30'	2 ^h 16'	9 ^h 23'	23 ^h 41'	23 ^h 10'	15 ^h 24'	4 ^h 38'	
M23	12 15 59	5 ^h 56'27	25 ^h 26'	11 ^h 6'	10 ^h 6'	15 ^h 5'	2 ^h 25'	20 ^h 29'	19 ^h 33'	2 ^h 17'	9 ^h 21'	23 ^h 33'	23 ^h 7'	15 ^h 30'	4 ^h 42'	
T 24	12 19 56	6 ^h 55'06	9 ^h 22'	12 ^h 33'	11 ^h 17'	15 ^h 39'	2 ^h 35'	20 ^h 24'	19 ^h 36'	2 ^h 19'	9 ^h 19'	23 ^h 28'	23 ^h 4'	15 ^h 37'	4 ^h 45'	
W25	12 23 53	7 ^h 53'43	23 ^h 23'	14 ^h 1'	12 ^h 29'	16 ^h 12'	2 ^h 46'	20 ^h 20'	19 ^h 38'	2 ^h 20'	9 ^h 18'	23 ^h 25'	23 ^h 1'	15 ^h 44'	4 ^h 49'	
T 26	12 27 49	8 ^h 52'18	7 ^h 27'	15 ^h 32'	13 ^h 40'	16 ^h 46'	2 ^h 56'	20 ^h 16'	19 ^h 41'	2 ^h 22'	9 ^h 16'	23 ^h D25	22 ^h 57'	15 ^h 50'	4 ^h 53'	
F 27	12 31 46	9 ^h 50'50	21 ^h 34'	17 ^h 3'	14 ^h 51'	17 ^h 19'	3 ^h 7'	20 ^h 11'	19 ^h 43'	2 ^h 23'	9 ^h 14'	23 ^h R25	22 ^h 54'	15 ^h 57'	4 ^h 56'	
S 28	12 35 42	10 ^h 49'21	5 ^h 43'	18 ^h 37'	16 ^h 3'	17 ^h 53'	3 ^h 18'	20 ^h 7'	19 ^h 46'	2 ^h 25'	9 ^h 13'	23 ^h 24'	22 ^h 51'	16 ^h 4'	5 ^h 0'	
S 29	12 39 39	11 ^h 47'48	19 ^h 53'	20 ^h 12'	17 ^h 14'	18 ^h 27'	3 ^h 28'	20 ^h 3'	19 ^h 48'	2 ^h 26'	9 ^h 11'	23 ^h 22'	22 ^h 48'	16 ^h 10'	5 ^h 4'	
M30	12 43 35	12 ^h 46'14	4 ^h 11'	21 ^h 50'	18 ^h 25'	19 ^h 1'	3 ^h 39'	19 ^h 59'	19 ^h 50'	2 ^h 28'	9 ^h 9'	23 ^h 18'	22 ^h 45'	16 ^h 17'	5 ^h 7'	
T 31	12 47 32	13 ^h 44'37	18 ^h 4'	23 ^h 28'	19 ^h 36'	19 ^h 34'	3 ^h 50'	19 ^h 55'	19 ^h 53'	2 ^h 30'	9 ^h 8'	23 ^h 10'	22 ^h 42'	16 ^h 24'	5 ^h 11'	

Delta T = 56m51s Julian Calendar 1 March 744 == Greg. Calendar 5 March 744

APRIL 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
W 1	12 51 28	14 ^h 42'59	1 ^h 58'	25 ^h 9'	20 ^h 47'	20 ^h 8'	4 ^h 11'	19 ^h R51	19 ^h 55'	2 ^h 31'	9 ^h R 6	23 ^h R 0	22 ^h 38'	16 ^h 30'	5 ^h 14'	
T 2	12 55 25	15 ^h 41'18	15 ^h 39'	26 ^h 51'	21 ^h 57'	20 ^h 42'	4 ^h 12'	19 ^h 47'	19 ^h 57'	2 ^h 33'	9 ^h 4'	22 ^h 348	22 ^h 35'	16 ^h 37'	5 ^h 18'	
F 3	12 59 21	16 ^h 39'36	29 ^h 4'	28 ^h 35'	23 ^h 8'	21 ^h 16'	4 ^h 23'	19 ^h 43'	20 ^h 0'	2 ^h 34'	9 ^h 3'	22 ^h 36'	22 ^h 32'	16 ^h 44'	5 ^h 22'	
S 4	13 3 18	17 ^h 37'52	12 ^h 10'	0 ^h 21'	24 ^h 18'	21 ^h 50'	4 ^h 35'	19 ^h 39'	20 ^h 2'	2 ^h 36'	9 ^h 1'	22 ^h 24'	22 ^h 29'	16 ^h 50'	5 ^h 25'	
S 5	13 7 15	18 ^h 36'06	24 ^h 57'	2 ^h 8'	25 ^h 29'	22 ^h 24'	4 ^h 46'	19 ^h 35'	20 ^h 4'	2 ^h 38'	8 ^h 59'	22 ^h 14'	22 ^h 26'	16 ^h 57'	5 ^h 29'	
M 6	13 11 11	19 ^h 34'19	7 ^h 25'	3 ^h 57'	26 ^h 39'	22 ^h 59'	4 ^h 58'	19 ^h 32'	20 ^h 6'	2 ^h 40'	8 ^h 58'	22 ^h 6'	22 ^h 23'	17 ^h 4'	5 ^h 32'	
T 7	13 15 8	20 ^h 32'30	19 ^h 37'	5 ^h 48'	27 ^h 50'	23 ^h 33'	5 ^h 9'	19 ^h 28'	20 ^h 8'	2 ^h 41'	8 ^h 56'	22 ^h 1'	22 ^h 19'	17 ^h 10'	5 ^h 36'	
W 8	13 19 4	21 ^h 30'39	1 ^h 36'	7 ^h 41'	29 ^h 0'	24 ^h 7'	5 ^h 21'	19 ^h 24'	20 ^h 10'	2 ^h 43'	8 ^h 54'	21 ^h 58'	22 ^h 16'	17 ^h 17'	5 ^h 39'	
T 9	13 23 1	22 ^h 28'47	13 ^h 27'	9 ^h 35'	0 ^h 10'	24 ^h 41'	5 ^h 32'	19 ^h 21'	20 ^h 12'	2 ^h 45'	8 ^h 53'	21 ^h 57'	22 ^h 13'	17 ^h 23'	5 ^h 43'	
F 10	13 26 57	23 ^h 26'53	25 ^h 15'	11 ^h 31'	1 ^h 20'	25 ^h 16'	5 ^h 44'	19 ^h 17'	20 ^h 14'	2 ^h 47'	8 ^h 51'	21 ^h 57'	22 ^h 10'	17 ^h 30'	5 ^h 46'	
S 11	13 30 54	24 ^h 24'58	7 ^h 6'	13 ^h 29'	2 ^h 30'	25 ^h 50'	5 ^h 56'	19 ^h 14'	20 ^h 16'	2 ^h 48'	8 ^h 49'	21 ^h 56'	22 ^h 7'	17 ^h 37'	5 ^h 50'	
S 12	13 34 50	25 ^h 23'02	19 ^h 5'	15 ^h 29'	3 ^h 39'	26 ^h 25'	6 ^h 8'	19 ^h 11'	20 ^h 18'	2 ^h 50'	8 ^h 48'	21 ^h 55'	22 ^h 3'	17 ^h 43'	5 ^h 53'	
M13	13 38 47	26 ^h 21'04	1 ^h 18'	17 ^h 30'	4 ^h 49'	26 ^h 59'	6 ^h 20'	19 ^h 7'	20 ^h 20'	2 ^h 52'	8 ^h 46'	21 ^h 51'	22 ^h 0'	17 ^h 50'	5 ^h 57'	
T 14	13 42 44	27 ^h 19'04	13 ^h 47'	19 ^h 33'	5 ^h 59'	27 ^h 34'	6 ^h 32'	19 ^h 4'	20 ^h 22'	2 ^h 54'	8 ^h 45'	21 ^h 45'	21 ^h 57'	17 ^h 57'	6 ^h 0'	
W15	13 46 40	28 ^h 17'03	26 ^h 37'	21 ^h 37'	7 ^h 8'	28 ^h 8'	6 ^h 44'	19 ^h 1'	20 ^h 24'	2 ^h 56'	8 ^h 43'	21 ^h 36'	21 ^h 54'	18 ^h 3'	6 ^h 4'	
T 16	13 50 37	29 ^h 15'01	9 ^h 49'	23 ^h 43'	8 ^h 18'	28 ^h 43'	6 ^h 56'	18 ^h 58'	20 ^h 26'	2 ^h 58'	8 ^h 41'	21 ^h 25'	21 ^h 51'	18 ^h 10'	6 ^h 7'	
F 17	13 54 33	0 ^h 12'57	23 ^h 21'	25 ^h 50'	9 ^h 27'	29 ^h 18'	7 ^h 8'	18 ^h 55'	20 ^h 27'	3 ^h 0'	8 ^h 40'	21 ^h 13'	21 ^h 48'</			

SWISS EPHEMERIS for the year 744

MAY 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
F 1	14 49 45	13♁41'09	7♁50	25♁48	25♁23	7♁28	10♁4	18°R23	20♁46	3♁28	8°R20	19°R50	21♁3	19♁50	6♁56	
S 2	14 53 42	14°38'42	20°39	27°48	26°30	8°4	10°17	18♁22	20°47	3°31	8♁19	19♁39	21°0	19°56	6°59	
S 3	14 57 38	15°36'13	3♁12	29°45	27°37	8°39	10°30	18°20	20°48	3°33	8°17	19°30	20°57	20°3	7°2	
M 4	15 1 35	16°33'43	15°32	1♁40	28°44	9°14	10°43	18°19	20°49	3°35	8°16	19°23	20°54	20°10	7°5	
T 5	15 5 31	17°31'12	27°38	3°33	29°51	9°50	10°56	18°17	20°50	3°37	8°15	19°18	20°50	20°16	7°8	
W 6	15 9 28	18°28'40	9♁35	5°23	0♁57	10°25	11°10	18°16	20°51	3°39	8°14	19°16	20°47	20°23	7°11	
T 7	15 13 24	19°26'07	21°24	7°10	2°3	11°1	11°23	18°15	20°52	3°41	8°12	19°D15	20°44	20°30	7°14	
F 8	15 17 21	20°23'33	3♁12	8°55	3°10	11°36	11°36	18°14	20°52	3°44	8°11	19°16	20°41	20°36	7°17	
S 9	15 21 17	21°20'59	15°3	10°37	4°16	12°12	11°49	18°13	20°53	3°46	8°10	19°17	20°38	20°43	7°20	
S 10	15 25 14	22°18'24	27°3	12°16	5°21	12°47	12°2	18°12	20°54	3°48	8°9	19°R17	20°35	20°49	7°22	
M11	15 29 11	23°15'48	9♁16	13°52	6°27	13°23	12°16	18°12	20°54	3°50	8°8	19°15	20°31	20°56	7°25	
T 12	15 33 7	24°13'11	21°47	15°25	7°32	13°59	12°29	18°11	20°55	3°52	8°7	19°12	20°28	21°3	7°28	
W13	15 37 4	25°10'33	4♁40	16°55	8°38	14°35	12°42	18°11	20°55	3°55	8°6	19°6	20°25	21°9	7°31	
T 14	15 41 0	26°7'55	17°59	18°23	9°43	15°10	12°55	18°10	20°56	3°57	8°5	18°59	20°22	21°16	7°33	
F 15	15 44 57	27°5'17	1♁42	19°47	10°48	15°46	13°9	18°10	20°56	3°59	8°4	18°51	20°19	21°23	7°36	
S 16	15 48 53	28°2'37	15°48	21°8	11°52	16°22	13°22	18°10	20°56	4°1	8°3	18°43	20°15	21°29	7°39	
S 17	15 52 50	28°59'57	0♁11	22°27	12°57	16°58	13°36	18°10	20°57	4°4	8°2	18°36	20°12	21°36	7°41	
M18	15 56 46	29°57'17	14°51	23°42	14°1	17°34	13°49	18°D10	20°57	4°6	8°1	18°30	20°9	21°43	7°44	
T 19	16 0 43	0♁54'35	29°34	24°54	15°5	18°10	14°3	18°10	20°57	4°8	8°0	18°27	20°6	21°49	7°46	
W20	16 4 40	1°51'53	14♁16	26°3	16°8	18°46	14°16	18°10	20°57	4°10	8°0	18°D25	20°3	21°56	7°49	
T 21	16 8 36	2°49'10	28°50	27°9	17°12	19°22	14°30	18°10	20°57	4°13	7°59	18°26	20°0	22°3	7°51	
F 22	16 12 33	3°46'25	13♁13	28°11	18°15	19°58	14°43	18°10	20°R57	4°15	7°58	18°27	19°56	22°9	7°53	
S 23	16 16 29	4°43'40	27°22	29°10	19°18	20°34	14°57	18°11	20°57	4°17	7°57	18°28	19°53	22°16	7°56	
S 24	16 20 26	5°40'54	11♁16	0♁6	20°21	21°10	15°10	18°12	20°57	4°19	7°57	18°R28	19°50	22°22	7°58	
M25	16 24 22	6°38'07	24°54	0°58	21°23	21°46	15°24	18°12	20°57	4°21	7°56	18°26	19°47	22°29	8°0	
T 26	16 28 19	7°35'19	8♁18	1°46	22°25	22°22	15°37	18°13	20°57	4°24	7°55	18°23	19°44	22°36	8°2	
W27	16 32 15	8°32'30	21°27	2°30	23°27	22°58	15°51	18°14	20°57	4°26	7°55	18°18	19°40	22°42	8°5	
T 28	16 36 12	9°29'41	4♁23	3°11	24°28	23°34	16°4	18°15	20°57	4°28	7°54	18°12	19°37	22°49	8°7	
F 29	16 40 9	10°26'52	17°6	3°47	25°29	24°11	16°18	18°16	20°56	4°30	7°54	18°6	19°34	22°56	8°9	
S 30	16 44 5	11°24'02	29°36	4°20	26°30	24°47	16°32	18°17	20°56	4°33	7°53	17°59	19°31	23°2	8°11	
S 31	16 48 2	12♁21'11	11♁54	4♁48	27♁31	25♁23	16♁45	18♁19	20♁56	4♁35	7♁53	17♁54	19♁28	23♁9	8♁13	

Delta T = 56m50s

Julian Calendar 1 May 744 == Greg. Calendar 5 May 744

JUNE 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
M 1	16 51 58	13♁18'20	24♁2	5♁12	28♁31	26♁0	16♁59	18♁20	20°R55	4♁37	7°R52	17°R50	19♁25	23♁16	8♁15	
T 2	16 55 55	14°15'29	6♁1	5°31	29°31	26°36	17°12	18°21	20°55	4°39	7♁52	17♁48	19°21	23°22	8°17	
W 3	16 59 51	15°12'38	17°53	5°46	0♁30	27°12	17°26	18°23	20°54	4°42	7°51	17°D47	19°18	23°29	8°19	
T 4	17 3 48	16°9'47	29°41	5°57	1°29	27°49	17°40	18°25	20°54	4°44	7°51	17°48	19°15	23°36	8°20	
F 5	17 7 45	17°6'55	11♁28	6°3	2°28	28°25	17°53	18°26	20°53	4°46	7°51	17°49	19°12	23°42	8°22	
S 6	17 11 41	18°4'04	23°20	6°R4	3°26	29°2	18°7	18°28	20°52	4°48	7°50	17°51	19°9	23°49	8°24	
S 7	17 15 38	19°1'13	5♁19	6°1	4°24	29°38	18°20	18°30	20°52	4°50	7°50	17°53	19°6	23°56	8°26	
M 8	17 19 34	19°58'22	17°31	5°53	5°21	0♁15	18°34	18°32	20°51	4°52	7°50	17°R53	19°2	24°2	8°27	
T 9	17 23 31	20°55'31	0♁Y1	5°41	6°18	0°51	18°48	18°35	20°50	4°55	7°50	17°53	18°59	24°9	8°29	
W10	17 27 27	21°52'40	12°53	5°24	7°15	1°28	19°1	18°37	20°49	4°57	7°49	17°52	18°56	24°15	8°30	
T 11	17 31 24	22°49'50	26°10	5°3	8°11	2°5	19°15	18°39	20°48	4°59	7°49	17°49	18°53	24°22	8°32	
F 12	17 35 20	23°47'00	9♁54	4°39	9°7	2°41	19°28	18°42	20°47	5°1	7°49	17°46	18°50	24°29	8°33	
S 13	17 39 17	24°44'10	24°4	4°11	10°2	3°18	19°42	18°44	20°46	5°3	7°49	17°43	18°46	24°35	8°35	
S 14	17 43 14	25°41'21	8♁37	3°40	10°57	3°55	19°56	18°47	20°45	5°5	7°D49	17°40	18°43	24°42	8°36	
M15	17 47 10	26°38'32	23°28	3°6	11°51	4°32	20°9	18°49	20°44	5°8	7°49	17°38	18°40	24°49	8°37	
T 16	17 51 7	27°35'43	8♁29	2°30	12°44	5°9	20°23	18°52	20°43	5°10	7°49	17°37	18°37	24°55	8°39	
W17	17 55 3	28°32'54	23°31	1°53	13°37	5°46	20°36	18°55	20°42	5°12	7°49	17°D37	18°34	25°2	8°40	
T 18	17 59 0	29°30'06	8♁26	1°14	14°30	6°22	20°50	18°58	20°41	5°14	7°49	17°37	18°31	25°9	8°41	
F 19	18 2 56	0♁27'17	23°7	0°36	15°21	6°59	21°3	19°1	20°40	5°16	7°50	17°38	18°27	25°15	8°42	
S 20	18 6 53	1°24'29	7♁29	29♁57	16°12	7°36	21°17	19°4	20°38	5°18	7°50	17°40	18°24	25°22	8°43	
S 21	18 10 49	2°21'40	21°30	29°20	17°3	8°13	21°30	19°8	20°37	5°20	7°50	17°40	18°21	25°29	8°44	
M22	18 14 46	3°18'51	5♁9	28°45	17°53	8°50	21°44	19°11	20°36	5°22	7°50	17°R41	18°18	25°35	8°45	
T 23	18 18 43	4°16'03	18°27	28°11	18°42	9°27	21°57	19°14	20°34	5°24	7°50	17°40	18°15	25°42	8°46	
W24	18 22 39	5°13'15	1♁26	27°41	19°30	10°5	22°11	19°18	20°33	5°26	7°51	17°39	18°12	25°49	8°47	
T 25	18 26 36	6°10'27	14°7	27°14	20°18	10°42	22°24	19°21	20°31	5°28	7°51	17°38	18°8	25°55	8°47	
F 26	18 30 32	7°7'39	26°34	26°52	21°4	11°19	22°37	19°25	20°30	5°30	7°51	17°36	18°5	26°2	8°48	
S 27	18 34 29	8°4'52	8♁49	26°33	21°50	11°56	22°51	19°29	20°28	5°32	7°52	17°35	18°2	26°8	8°49	
S 28	18 38 25	9°2'05	20°54	26°20	22°35	12°33	23°4	19°33	20°27	5°34	7°52	17°34	17°59	26°15	8°49	
M29	18 42 22	9°59'19	2♁51	26°12	23°20	13°10	23°17	19°37	20°25	5°36	7°53	17°33	17°56	26°22	8°50	
T 30	18 46 18	10♁56'33	14♁43	26°D9	24♁3	13♁48	23♁31	19♁41	20♁24	5♁38	7♁53	17°D33	17♁52	26♁28	8♁50	

Delta T = 56m49s

Julian Calendar

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SWISS EPHEMERIS for the year 744

JULY 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
W 1	18 50 15	11 ⁵⁵ 3'48	26 ³³ 2	26 ^{II} 12	24 ^Ω 45	14 ^Ω 25	23 ^{II} 44	19 ^{II} 45	20 ^R 22	5 ^{II} 40	7 ^Ω 54	17 ³³	17 ³³	17 ³³	26 ³³ 5	8 ^Υ 51
T 2	18 54 12	12 ⁵¹ 0'04	8 ^Ω 19	26 ²¹	25 ²⁶	15 ²	23 ⁵⁷	19 ⁴⁹	20 ²⁰	5 ⁴²	7 ⁵⁵	17 ³³	17 ³³	17 ³³	26 ⁴²	8 ⁵¹
F 3	18 58 8	13 ⁴⁸ 20	20 ⁸	26 ³⁵	26 ⁶	15 ⁴⁰	24 ¹⁰	19 ⁵³	20 ¹⁸	5 ⁴³	7 ⁵⁵	17 ³⁴	17 ³⁴	17 ³⁴	26 ⁴⁸	8 ⁵²
S 4	19 2 5	14 ⁴⁵ 38	2 ^{II} 2	26 ⁵⁶	26 ⁴⁶	16 ¹⁷	24 ²³	19 ⁵⁷	20 ¹⁷	5 ⁴⁵	7 ⁵⁶	17 ³⁴	17 ³⁴	17 ³⁴	26 ⁵⁵	8 ⁵²
S 5	19 6 1	15 ⁴² 56	14 ⁴	27 ²³	27 ²⁴	16 ⁵⁵	24 ³⁶	20 ²	20 ¹⁵	5 ⁴⁷	7 ⁵⁶	17 ³⁴	17 ³⁷	27 ²	27 ²	8 ⁵²
M 6	19 9 58	16 ⁴⁰ 15	26 ¹⁸	27 ⁵⁶	28 ⁰	17 ³²	24 ⁴⁹	20 ⁶	20 ¹³	5 ⁴⁹	7 ⁵⁷	17 ³⁵	17 ³³	27 ⁸	27 ⁸	8 ⁵²
T 7	19 13 54	17 ³⁷ 36	8 ^Υ 48	28 ³⁴	28 ³⁶	18 ¹⁰	25 ³	20 ¹¹	20 ¹¹	5 ⁵¹	7 ⁵⁸	17 ^R 35	17 ³⁰	27 ¹⁵	27 ¹⁵	8 ⁵³
W 8	19 17 51	18 ³⁴ 57	21 ³⁶	29 ¹⁹	29 ¹¹	18 ⁴⁷	25 ¹⁶	20 ¹⁵	20 ⁹	5 ⁵²	7 ⁵⁹	17 ^D 35	17 ²⁷	27 ²²	27 ²²	8 ⁵³
T 9	19 21 47	19 ³² 20	4 ⁸ 48	0 ³ 10	29 ⁴⁴	19 ²⁵	25 ²⁹	20 ²⁰	20 ⁷	5 ⁵⁴	8 ⁰	17 ³⁵	17 ²⁴	27 ²⁸	8 ^R 53	8 ⁵³
F 10	19 25 44	20 ²⁹ 44	18 ²⁵	1 ⁷	0 ^{II} 15	20 ²	25 ⁴¹	20 ²⁵	20 ⁵	5 ⁵⁶	8 ⁰	17 ³⁵	17 ²¹	27 ³⁵	27 ³⁵	8 ⁵³
S 11	19 29 41	21 ²⁷ 10	2 ^{II} 28	2 ⁹	0 ⁴⁶	20 ⁴⁰	25 ⁵⁴	20 ³⁰	20 ³	5 ⁵⁸	8 ¹	17 ³⁵	17 ¹⁸	27 ⁴²	27 ⁴²	8 ⁵³
S 12	19 33 37	22 ²⁴ 37	16 ⁵⁷	3 ¹⁷	1 ¹⁵	21 ¹⁸	26 ⁷	20 ³⁵	20 ¹	5 ⁵⁹	8 ²	17 ³⁶	17 ¹⁴	27 ⁴⁸	27 ⁴⁸	8 ⁵²
M 13	19 37 34	23 ²² 05	1 ³ 46	4 ³⁰	1 ⁴²	21 ⁵⁶	26 ²⁰	20 ⁴⁰	19 ⁵⁹	6 ¹	8 ³	17 ³⁶	17 ¹¹	27 ⁵⁵	27 ⁵⁵	8 ⁵²
T 14	19 41 30	24 ¹⁹ 34	16 ⁵¹	5 ⁴⁹	2 ⁸	22 ³³	26 ³³	20 ⁴⁵	19 ⁵⁷	6 ³	8 ⁴	17 ^R 36	17 ⁸	28 ¹	28 ¹	8 ⁵²
W 15	19 45 27	25 ¹⁷ 04	2 ^Ω 3	7 ¹³	2 ³²	23 ¹¹	26 ⁴⁵	20 ⁵⁰	19 ⁵⁵	6 ⁴	8 ⁵	17 ³⁶	17 ⁵	28 ⁸	28 ⁸	8 ⁵²
T 16	19 49 23	26 ¹⁴ 35	17 ¹¹	8 ⁴¹	2 ⁵⁵	23 ⁴⁹	26 ⁵⁸	20 ⁵⁵	19 ⁵³	6 ⁶	8 ⁶	17 ³⁵	17 ²	28 ¹⁵	28 ¹⁵	8 ⁵¹
F 17	19 53 20	27 ¹² 08	2 ^{II} 8	10 ¹⁴	3 ¹⁶	24 ²⁷	27 ¹¹	21 ⁰	19 ⁵¹	6 ⁷	8 ⁷	17 ³⁴	16 ⁵⁸	28 ²¹	28 ²¹	8 ⁵¹
S 18	19 57 17	28 ⁹ 41	16 ⁴⁵	11 ⁵²	3 ³⁵	25 ⁵	27 ²³	21 ⁵	19 ⁴⁹	6 ⁹	8 ⁸	17 ³³	16 ⁵⁵	28 ²⁸	28 ²⁸	8 ⁵¹
S 19	20 1 13	29 ⁷ 15	0 ^Ω 57	13 ³³	3 ⁵²	25 ⁴³	27 ³⁶	21 ¹¹	19 ⁴⁶	6 ¹⁰	8 ¹⁰	17 ³²	16 ⁵²	28 ³⁵	28 ³⁵	8 ⁵⁰
M 20	20 5 10	0 ^Ω 4'50	14 ⁴³	15 ¹⁸	4 ⁷	26 ²¹	27 ⁴⁸	21 ¹⁶	19 ⁴⁴	6 ¹²	8 ¹¹	17 ³¹	16 ⁴⁹	28 ⁴¹	28 ⁴¹	8 ⁴⁹
T 21	20 9 6	1 ² 26	28 ³	17 ⁷	4 ²¹	26 ⁵⁹	28 ¹	21 ²²	19 ⁴²	6 ¹³	8 ¹²	17 ^D 31	16 ⁴⁶	28 ⁴⁸	28 ⁴⁸	8 ⁴⁹
W 22	20 13 3	2 ⁰ 03	10 ^{II} 59	18 ⁵⁸	4 ³²	27 ³⁷	28 ¹³	21 ²⁷	19 ⁴⁰	6 ¹⁵	8 ¹³	17 ³¹	16 ⁴³	28 ⁵⁵	28 ⁵⁵	8 ⁴⁸
T 23	20 16 59	2 ⁵⁷ 41	23 ³⁴	20 ⁵²	4 ⁴¹	28 ¹⁵	28 ²⁵	21 ³³	19 ³⁷	6 ¹⁶	8 ¹⁴	17 ³²	16 ³⁹	29 ¹	29 ¹	8 ⁴⁷
F 24	20 20 56	3 ⁵⁵ 20	5 ⁷ 53	22 ⁴⁸	4 ⁴⁸	28 ⁵³	28 ³⁸	21 ³⁸	19 ³⁵	6 ¹⁸	8 ¹⁶	17 ³³	16 ³⁶	29 ⁸	29 ⁸	8 ⁴⁷
S 25	20 24 52	4 ⁵³ 01	17 ⁵⁸	24 ⁴⁵	4 ⁵³	29 ³¹	28 ⁵⁰	21 ⁴⁴	19 ³³	6 ¹⁹	8 ¹⁷	17 ³⁴	16 ³³	29 ¹⁵	29 ¹⁵	8 ⁴⁶
S 26	20 28 49	5 ⁵⁰ 43	29 ⁵⁴	26 ⁴⁴	4 ⁵⁵	0 ^{II} 9	29 ²	21 ⁵⁰	19 ³¹	6 ²⁰	8 ¹⁸	17 ³⁶	16 ³⁰	29 ²¹	29 ²¹	8 ⁴⁵
M 27	20 32 46	6 ⁴⁸ 25	11 ³ 45	28 ⁴⁴	4 ^R 56	0 ⁴⁸	29 ¹⁴	21 ⁵⁶	19 ²⁸	6 ²²	8 ²⁰	17 ^R 36	16 ²⁷	29 ²⁸	29 ²⁸	8 ⁴⁴
T 28	20 36 42	7 ⁴⁶ 10	23 ³³	0 ^Ω 44	4 ⁵³	1 ²⁶	29 ²⁶	22 ²	19 ²⁶	6 ²³	8 ²¹	17 ³⁶	16 ²⁴	29 ³⁵	29 ³⁵	8 ⁴³
W 29	20 40 39	8 ⁴³ 55	5 ² 21	2 ⁴⁵	4 ⁴⁹	2 ⁴	29 ³⁸	22 ⁸	19 ²⁴	6 ²⁴	8 ²³	17 ³⁵	16 ²⁰	29 ⁴¹	29 ⁴¹	8 ⁴²
T 30	20 44 35	9 ⁴¹ 42	17 ¹¹	4 ⁴⁶	4 ⁴²	2 ⁴³	29 ⁵⁰	22 ¹⁴	19 ²¹	6 ²⁵	8 ²⁴	17 ³³	16 ¹⁷	29 ⁴⁸	29 ⁴⁸	8 ⁴¹
F 31	20 48 32	10 ^Ω 39'31	29 ² 6	6 ^Ω 47	4 ^{II} 33	3 ^{II} 21	0 ³ 1	22 ^{II} 20	19 ² 19	6 ^{II} 27	8 ² 26	17 ³⁰	16 ¹⁴	29 ⁵⁴	29 ⁵⁴	8 ^Υ 40

Delta T = 56m48s

Julian Calendar 1 July 744 == Greg. Calendar 5 July 744

AUGUST 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
S 1	20 52 28	11 ^Ω 37'21	11 ^{II} 7	8 ^Ω 47	4 ^R 21	3 ^{II} 59	0 ³ 13	22 ^{II} 26	19 ^R 17	6 ^{II} 28	8 ² 27	17 ^R 26	16 ³ 11	0 ² 1	8 ^R 39	
S 2	20 56 25	12 ³⁵ 12	23 ¹⁷	10 ⁴⁷	4 ^{II} 7	4 ³⁸	0 ²⁵	22 ³²	19 ¹⁴	6 ²⁹	8 ²⁹	17 ³ 22	16 ⁸	0 ⁸	8 ^Υ 37	
M 3	21 0 21	13 ³³ 06	5 ^Υ 37	12 ⁴⁵	3 ⁵¹	5 ¹⁶	0 ³⁶	22 ³⁸	19 ¹²	6 ³⁰	8 ³⁰	17 ¹⁸	16 ⁴	0 ¹⁴	8 ³⁶	
T 4	21 4 18	14 ³¹ 01	18 ¹¹	14 ⁴⁴	3 ³²	5 ⁵⁵	0 ⁴⁸	22 ⁴⁴	19 ⁹	6 ³¹	8 ³²	17 ¹⁵	16 ¹	0 ²¹	8 ³⁵	
W 5	21 8 14	15 ²⁸ 58	1 ⁸ 1	16 ⁴¹	3 ¹¹	6 ³³	0 ⁵⁹	22 ⁵¹	19 ⁷	6 ³²	8 ³³	17 ¹³	15 ⁵⁸	0 ²⁸	8 ³³	
T 6	21 12 11	16 ²⁶ 57	14 ⁹	18 ³⁷	2 ⁴⁸	7 ¹²	1 ¹¹	22 ⁵⁷	19 ⁵	6 ³³	8 ³⁵	17 ^D 12	15 ⁵⁵	0 ³⁴	8 ³²	
F 7	21 16 8	17 ²⁴ 59	27 ³⁸	20 ³²	2 ²³	7 ⁵¹	1 ²²	23 ³	19 ²	6 ³⁴	8 ³⁷	17 ¹³	15 ⁵²	0 ⁴¹	8 ³⁰	
S 8	21 20 4	18 ²³ 02	11 ^{II} 30	22 ²⁶	1 ⁵⁶	8 ²⁹	1 ³³	23 ¹⁰	19 ⁰	6 ³⁵	8 ³⁸	17 ¹⁴	15 ⁴⁹	0 ⁴⁸	8 ²⁹	
S 9	21 24 1	19 ²¹ 07	25 ⁴⁵	24 ¹⁸	1 ²⁷	9 ⁸	1 ⁴⁴	23 ¹⁶	18 ⁵⁷	6 ³⁶	8 ⁴⁰	17 ¹⁵	15 ⁴⁵	0 ⁵⁴	8 ²⁷	
M 10	21 27 57	20 ¹⁹ 14	10 ³ 22	26 ¹⁰	0 ⁵⁷	9 ⁴⁷	1 ⁵⁵	23 ²³	18 ⁵⁵	6 ³⁷	8 ⁴²	17 ^R 16	15 ⁴²	1 ¹	8 ²⁶	
T 11	21 31 54	21 ¹⁷ 24	25 ¹⁶	28 ⁰	0 ²⁵	10 ²⁶	2 ⁶	23 ²⁹	18 ⁵³	6 ³⁸	8 ⁴⁴	17 ¹⁶	15 ³⁹	1 ⁸	8 ²⁴	
W 12	21 35 50	22 ¹⁵ 35	10 ^Ω 21	29 ⁴⁹	29 ^Ω 51	11 ⁵	2 ¹⁷	23 ³⁶	18 ⁵⁰	6 ³⁹	8 ⁴⁵	17 ¹⁵	15 ³⁶	1 ¹⁴	8 ²²	
T 13	21 39 47	23 ¹³ 47	25 ²⁹	1 ^{II} 37	29 ¹⁷	11 ⁴³	2 ²⁸	23 ⁴²	18 ⁴⁸	6 ³⁹	8 ⁴⁷	17 ¹¹	15 ³³	1 ²¹	8 ²¹	
F 14	21 43 44	24 ¹² 02	10 ^{II} 29	3 ²³	28 ⁴²	12 ²²	2 ³⁹	23 ⁴⁹	18 ⁴⁵	6 ⁴⁰	8 ⁴⁹	17 ⁶	15 ³⁰	1 ²⁸	8 ¹⁹	
S 15	21 47 40	25 ¹⁰ 18	25 ¹⁴	5 ⁹	28 ⁵	13 ¹	2 ⁴⁹	23 ⁵⁶	18 ⁴³	6 ⁴¹	8 ⁵¹	17 ¹	15 ²⁶	1 ³⁴	8 ¹⁷	
S 16	21 51 37	26 ⁸ 36	9 ^Ω 35	6 ⁵³	27 ²⁹	13 ⁴⁰	3 ⁰	24 ³	18 ⁴¹	6 ⁴²	8 ⁵³	16 ⁵⁵	15 ²³	1 ⁴¹	8 ¹⁵	
M 17	21 55 33	27 ⁶ 56	23 ²⁹	8 ³⁶	26 ⁵²	14 ¹⁹	3 ¹⁰	24 ⁹	18 ³⁸	6 ⁴²	8 ⁵⁵	16 ⁵⁰	15 ²⁰	1 ⁴⁸	8 ¹³	
T 18	21 59 30	28 ⁵ 17	6 ^{II} 55	10 ¹⁸	26 ¹⁵	14 ⁵⁹	3 ²⁰	24 ¹⁶	18 ³⁶	6 ⁴³	8 ⁵⁷	16 ⁴⁶	15 ¹⁷	1 ⁵⁴	8 ¹¹	
W 19	22 3 26	29 ³ 40	19 ⁵⁴	11 ⁵⁹	25 ³⁸	15 ³⁸	3 ³¹	24 ²³	18 ³⁴	6 ⁴⁴	8 ⁵⁹	16 ⁴⁴	15 ¹⁴	2 ¹	8 ⁹	
T 20	22 7 23	0 ^{II} 2'05	2 ⁷ 29	13 ³⁹	25 ²	16 ¹⁷	3 ⁴¹	24 ³⁰	18 ³¹	6 ⁴⁴	9 ¹	16 ^D 44	15 ¹⁰	2 ⁷	8 ⁷	
F 21	22 11 19	1 ⁰ 31	14 ⁴													

SWISS EPHEMERIS for the year 744

SEPTEMBER 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	22 54 41	11 ^h 45'19"	28 ^h Υ 2	2 ^h ♁12	19 ^h R35	24 ^h ♁10	5 ^h ♁34	25 ^h ♁54	18 ^h R 4	6 ^h ♁49	9 ^h ♁26	15 ^h R52	14 ^h ♁32	3 ^h ♁27	7 ^h R40		
W 2	22 58 38	12 ^h 44'08"	11 ^h ♁ 0	3 ^h 37	19 ^h ♁21	24 ^h 50	5 ^h 42	26 ^h 1	18 ^h ≈ 2	6 ^h 49	9 ^h 28	15 ^h ♁45	14 ^h 29	3 ^h 34	7 ^h Υ38		
T 3	23 2 35	13 ^h 43'00"	24 ^h 13	5 ^h 2	19 ^h 10	25 ^h 30	5 ^h 51	26 ^h 9	18 ^h 0	6 ^h 49	9 ^h 30	15 ^h 41	14 ^h 26	3 ^h 41	7 ^h 35		
F 4	23 6 31	14 ^h 41'54"	7 ^h ♁40	6 ^h 26	19 ^h 1	26 ^h 9	5 ^h 59	26 ^h 16	17 ^h 58	6 ^h 49	9 ^h 32	15 ^h 39	14 ^h 23	3 ^h 47	7 ^h 33		
S 5	23 10 28	15 ^h 40'51"	21 ^h 24	7 ^h 49	18 ^h 55	26 ^h 49	6 ^h 8	26 ^h 23	17 ^h 56	6 ^h 49	9 ^h 35	15 ^h D39	14 ^h 20	3 ^h 54	7 ^h 30		
S 6	23 14 24	16 ^h 39'50"	5 ^h ♁26	9 ^h 10	18 ^h 51	27 ^h 29	6 ^h 16	26 ^h 30	17 ^h 54	6 ^h R49	9 ^h 37	15 ^h 40	14 ^h 16	4 ^h 1	7 ^h 27		
M 7	23 18 21	17 ^h 38'51"	19 ^h 44	10 ^h 30	18 ^h D49	28 ^h 9	6 ^h 24	26 ^h 37	17 ^h 52	6 ^h 49	9 ^h 39	15 ^h R40	14 ^h 13	4 ^h 7	7 ^h 25		
T 8	23 22 17	18 ^h 37'55"	4 ^h ♁19	11 ^h 49	18 ^h 50	28 ^h 49	6 ^h 32	26 ^h 45	17 ^h 50	6 ^h 49	9 ^h 42	15 ^h 39	14 ^h 10	4 ^h 14	7 ^h 22		
W 9	23 26 14	19 ^h 37'01"	19 ^h 5	13 ^h 7	18 ^h 53	29 ^h 29	6 ^h 40	26 ^h 52	17 ^h 48	6 ^h 49	9 ^h 44	15 ^h 35	14 ^h 7	4 ^h 21	7 ^h 20		
T 10	23 30 10	20 ^h 36'09"	3 ^h ♁56	14 ^h 23	18 ^h 58	0 ^h ♁ 9	6 ^h 47	26 ^h 59	17 ^h 46	6 ^h 49	9 ^h 46	15 ^h 29	14 ^h 4	4 ^h 27	7 ^h 17		
F 11	23 34 7	21 ^h 35'19"	18 ^h 45	15 ^h 38	19 ^h 6	0 ^h 49	6 ^h 55	27 ^h 7	17 ^h 44	6 ^h 49	9 ^h 48	15 ^h 20	14 ^h 1	4 ^h 34	7 ^h 14		
S 12	23 38 4	22 ^h 34'32"	3 ^h ♁23	16 ^h 52	19 ^h 16	1 ^h 30	7 ^h 2	27 ^h 14	17 ^h 42	6 ^h 49	9 ^h 51	15 ^h 9	13 ^h 57	4 ^h 41	7 ^h 12		
S 13	23 42 0	23 ^h 33'46"	17 ^h 42	18 ^h 3	19 ^h 28	2 ^h 10	7 ^h 9	27 ^h 21	17 ^h 41	6 ^h 48	9 ^h 53	14 ^h 59	13 ^h 54	4 ^h 47	7 ^h 9		
M 14	23 45 57	24 ^h 33'03"	1 ^h ♁38	19 ^h 13	19 ^h 42	2 ^h 50	7 ^h 16	27 ^h 29	17 ^h 39	6 ^h 48	9 ^h 55	14 ^h 49	13 ^h 51	4 ^h 54	7 ^h 6		
T 15	23 49 53	25 ^h 32'21"	15 ^h 6	20 ^h 22	19 ^h 58	3 ^h 30	7 ^h 23	27 ^h 36	17 ^h 37	6 ^h 48	9 ^h 58	14 ^h 40	13 ^h 48	5 ^h 0	7 ^h 3		
W 16	23 53 50	26 ^h 31'42"	28 ^h 8	21 ^h 28	20 ^h 16	4 ^h 11	7 ^h 30	27 ^h 43	17 ^h 35	6 ^h 47	10 ^h 0	14 ^h 35	13 ^h 45	5 ^h 7	7 ^h 1		
T 17	23 57 46	27 ^h 31'04"	10 ^h ♁46	22 ^h 31	20 ^h 36	4 ^h 51	7 ^h 37	27 ^h 50	17 ^h 34	6 ^h 47	10 ^h 3	14 ^h 31	13 ^h 41	5 ^h 14	6 ^h 58		
F 18	0 1 43	28 ^h 30'28"	23 ^h 3	23 ^h 33	20 ^h 58	5 ^h 32	7 ^h 43	27 ^h 58	17 ^h 32	6 ^h 47	10 ^h 5	14 ^h 30	13 ^h 38	5 ^h 20	6 ^h 55		
S 19	0 5 39	29 ^h 29'54"	5 ^h ♁ 5	24 ^h 32	21 ^h 22	6 ^h 12	7 ^h 49	28 ^h 5	17 ^h 30	6 ^h 46	10 ^h 7	14 ^h D30	13 ^h 35	5 ^h 27	6 ^h 52		
S 20	0 9 36	0 ^h ♁29'22"	16 ^h 57	25 ^h 28	21 ^h 47	6 ^h 53	7 ^h 56	28 ^h 12	17 ^h 29	6 ^h 46	10 ^h 10	14 ^h R30	13 ^h 32	5 ^h 34	6 ^h 49		
M 21	0 13 33	1 ^h 28'51"	28 ^h 45	26 ^h 21	22 ^h 14	7 ^h 33	8 ^h 2	28 ^h 20	17 ^h 27	6 ^h 45	10 ^h 12	14 ^h 29	13 ^h 29	5 ^h 40	6 ^h 47		
T 22	0 17 29	2 ^h 28'23"	10 ^h ♁33	27 ^h 10	22 ^h 43	8 ^h 14	8 ^h 7	28 ^h 27	17 ^h 26	6 ^h 45	10 ^h 14	14 ^h 27	13 ^h 26	5 ^h 47	6 ^h 44		
W 23	0 21 26	3 ^h 27'56"	22 ^h 27	27 ^h 56	23 ^h 13	8 ^h 54	8 ^h 13	28 ^h 34	17 ^h 24	6 ^h 44	10 ^h 17	14 ^h 21	13 ^h 22	5 ^h 54	6 ^h 41		
T 24	0 25 22	4 ^h 27'31"	4 ^h ♁30	28 ^h 37	23 ^h 45	9 ^h 35	8 ^h 19	28 ^h 42	17 ^h 23	6 ^h 44	10 ^h 19	14 ^h 13	13 ^h 19	6 ^h 0	6 ^h 38		
F 25	0 29 19	5 ^h 27'08"	16 ^h 44	29 ^h 14	24 ^h 18	10 ^h 16	8 ^h 24	28 ^h 49	17 ^h 22	6 ^h 43	10 ^h 22	14 ^h 2	13 ^h 16	6 ^h 7	6 ^h 35		
S 26	0 33 15	6 ^h 26'47"	29 ^h 11	29 ^h 46	24 ^h 53	10 ^h 57	8 ^h 29	28 ^h 56	17 ^h 20	6 ^h 42	10 ^h 24	13 ^h 50	13 ^h 13	6 ^h 14	6 ^h 33		
S 27	0 37 12	7 ^h 26'28"	11 ^h Υ52	0 ^h ♁13	25 ^h 29	11 ^h 37	8 ^h 34	29 ^h 3	17 ^h 19	6 ^h 42	10 ^h 27	13 ^h 36	13 ^h 10	6 ^h 20	6 ^h 30		
M 28	0 41 8	8 ^h 26'11"	24 ^h 46	0 ^h 33	26 ^h 6	12 ^h 18	8 ^h 39	29 ^h 11	17 ^h 18	6 ^h 41	10 ^h 29	13 ^h 23	13 ^h 7	6 ^h 27	6 ^h 27		
T 29	0 45 5	9 ^h 25'57"	7 ^h ♁53	0 ^h 47	26 ^h 45	12 ^h 59	8 ^h 44	29 ^h 18	17 ^h 17	6 ^h 40	10 ^h 31	13 ^h 11	13 ^h 3	6 ^h 34	6 ^h 24		
W 30	0 49 1	10 ^h ♁25'44"	21 ^h ♁10	0 ^h R54	27 ^h ♁25	13 ^h ♁40	8 ^h ♁48	29 ^h ♁25	17 ^h ≈15	6 ^h ♁40	10 ^h ♁34	13 ^h ♁ 2	13 ^h ♁ 0	6 ^h ≈40	6 ^h Υ21		

Delta T = 56m47s

Julian Calendar 1 Sept. 744 == Greg. Calendar 5 Sept. 744

OCTOBER 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	0 52 58	11 ^h ♁25'34"	4 ^h ♁38	0 ^h R53	28 ^h ♁ 6	14 ^h ♁21	8 ^h ♁53	29 ^h ♁32	17 ^h R14	6 ^h R39	10 ^h ♁36	12 ^h R55	12 ^h ♁57	6 ^h ≈47	6 ^h R19		
F 2	0 56 55	12 ^h 25'26"	18 ^h 15	0 ^h ♁43	28 ^h 48	15 ^h 2	8 ^h 57	29 ^h 40	17 ^h ≈13	6 ^h ♁38	10 ^h 39	12 ^h ♁52	12 ^h 54	6 ^h 54	6 ^h Υ16		
S 3	1 0 51	13 ^h 25'20"	2 ^h ♁ 2	0 ^h 25	29 ^h 31	15 ^h 43	9 ^h 1	29 ^h 47	17 ^h 12	6 ^h 37	10 ^h 41	12 ^h 51	12 ^h 51	7 ^h 0	6 ^h 13		
S 4	1 4 48	14 ^h 25'17"	15 ^h 58	29 ^h ♁58	0 ^h ♁15	16 ^h 25	9 ^h 5	29 ^h 54	17 ^h 11	6 ^h 36	10 ^h 43	12 ^h 50	12 ^h 47	7 ^h 7	6 ^h 10		
M 5	1 8 44	15 ^h 25'16"	0 ^h ♁ 5	29 ^h 22	1 ^h 1	17 ^h 6	9 ^h 8	0 ^h ♁ 1	17 ^h 10	6 ^h 35	10 ^h 46	12 ^h 50	12 ^h 44	7 ^h 14	6 ^h 7		
T 6	1 12 41	16 ^h 25'17"	14 ^h 20	28 ^h 37	1 ^h 47	17 ^h 47	9 ^h 12	0 ^h 8	17 ^h 9	6 ^h 34	10 ^h 48	12 ^h 48	12 ^h 41	7 ^h 20	6 ^h 5		
W 7	1 16 37	17 ^h 25'20"	28 ^h 42	27 ^h 43	2 ^h 34	18 ^h 28	9 ^h 15	0 ^h 15	17 ^h 9	6 ^h 33	10 ^h 51	12 ^h 44	12 ^h 38	7 ^h 27	6 ^h 2		
T 8	1 20 34	18 ^h 25'26"	13 ^h ♁ 8	26 ^h 40	3 ^h 22	19 ^h 10	9 ^h 18	0 ^h 22	17 ^h 8	6 ^h 32	10 ^h 53	12 ^h 36	12 ^h 35	7 ^h 34	5 ^h 59		
F 9	1 24 30	19 ^h 25'33"	27 ^h 33	25 ^h 32	4 ^h 11	19 ^h 51	9 ^h 21	0 ^h 30	17 ^h 7	6 ^h 31	10 ^h 55	12 ^h 26	12 ^h 32	7 ^h 40	5 ^h 56		
S 10	1 28 27	20 ^h 25'43"	11 ^h ♁50	24 ^h 17	5 ^h 1	20 ^h 33	9 ^h 24	0 ^h 37	17 ^h 6	6 ^h 30	10 ^h 58	12 ^h 14	12 ^h 28	7 ^h 47	5 ^h 54		
S 11	1 32 24	21 ^h 25'54"	25 ^h 53	23 ^h 0	5 ^h 52	21 ^h 14	9 ^h 26	0 ^h 44	17 ^h 6	6 ^h 29	11 ^h 0	12 ^h 2	12 ^h 25	7 ^h 54	5 ^h 51		
M 12	1 36 20	22 ^h 26'08"	9 ^h ♁38	21 ^h 42	6 ^h 43	21 ^h 56	9 ^h 29	0 ^h 51	17 ^h 5	6 ^h 28	11 ^h 3	11 ^h 50	12 ^h 22	8 ^h 0	5 ^h 48		
T 13	1 40 17	23 ^h 26'23"	23 ^h 1	20 ^h 25	7 ^h 35	22 ^h 37	9 ^h 31	0 ^h 58	17 ^h 5	6 ^h 27	11 ^h 5	11 ^h 40	12 ^h 19	8 ^h 7	5 ^h 46		
W 14	1 44 13	24 ^h 26'40"	6 ^h ♁ 0	19 ^h 12	8 ^h 28	23 ^h 19	9 ^h 33	1 ^h 4	17 ^h 4	6 ^h 26	11 ^h 7	11 ^h 33	12 ^h 16	8 ^h 14	5 ^h 43		
T 15	1 48 10	25 ^h 26'59"	18 ^h 37	18 ^h 5	9 ^h 22	24 ^h 1	9 ^h 34	1 ^h 11	17 ^h 4	6 ^h 25	11 ^h 10	11 ^h 28	12 ^h 12	8 ^h 20	5 ^h 40		
F 16	1 52 6	26 ^h 27'19"	0 ^h ♁55	17 ^h 7	10 ^h 16	24 ^h 42	9 ^h 36	1 ^h 18	17 ^h 3	6 ^h 24	11 ^h 12	11 ^h 26	12 ^h 9	8 ^h 27	5 ^h 38		
S 17	1 56 3	27 ^h 27'41"	12 ^h 58	16 ^h 19	11 ^h 11	25 ^h 24	9 ^h 37	1 ^h 25	17 ^h 3	6 ^h 22	11 ^h 15	11 ^h D26	12 ^h 6	8 ^h			

SWISS EPHEMERIS for the year 744

NOVEMBER 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	2 55 11	12♌36°03	26♋55	23♌39	25♎58	5♌56	9°R34	3♌ 3	17♋ 4	6°R 1	11♌48	10♌ 4	11♌18	10♌13	5°R 0
M 2	2 59 8	13°36'49	11♌ 2	24°56	27° 0	6°39	9♋32	3° 9	17° 4	6♌ 0	11°51	10°R 5	11°15	10°20	4°V58
T 3	3 3 4	14°37'37	25° 8	26°16	28° 4	7°22	9°30	3°15	17° 5	5°58	11°53	10° 4	11°12	10°27	4°56
W 4	3 7 1	15°38'26	9♎13	27°38	29° 7	8° 4	9°28	3°21	17° 5	5°57	11°55	10° 2	11° 9	10°33	4°54
T 5	3 10 57	16°39'17	23°16	29° 2	0♌11	8°47	9°26	3°27	17° 6	5°55	11°57	9°57	11° 6	10°40	4°52
F 6	3 14 54	17°40'10	7♌13	0♌27	1°15	9°30	9°23	3°33	17° 7	5°54	11°59	9°50	11° 3	10°47	4°50
S 7	3 18 51	18°41'04	21° 2	1°54	2°19	10°12	9°20	3°39	17° 7	5°52	12° 1	9°41	10°59	10°53	4°48
S 8	3 22 47	19°41'59	4♌39	3°22	3°24	10°55	9°17	3°45	17° 8	5°50	12° 3	9°32	10°56	11° 0	4°46
M 9	3 26 44	20°42'55	18° 2	4°50	4°29	11°38	9°14	3°51	17° 9	5°49	12° 5	9°24	10°53	11° 7	4°45
T 10	3 30 40	21°43'53	1♌ 8	6°19	5°35	12°21	9°11	3°56	17°10	5°47	12° 7	9°16	10°50	11°13	4°43
W11	3 34 37	22°44'52	13°56	7°49	6°40	13° 4	9° 7	4° 2	17°11	5°45	12° 9	9°11	10°47	11°20	4°41
T 12	3 38 33	23°45'52	26°27	9°20	7°46	13°47	9° 4	4° 8	17°12	5°44	12°11	9° 8	10°44	11°27	4°40
F 13	3 42 30	24°46'52	8♌42	10°50	8°52	14°30	9° 0	4°13	17°13	5°42	12°13	9°D 7	10°40	11°33	4°38
S 14	3 46 26	25°47'54	20°45	12°21	9°59	15°13	8°56	4°19	17°14	5°40	12°15	9° 8	10°37	11°40	4°37
S 15	3 50 23	26°48'56	2♋38	13°53	11° 5	15°56	8°51	4°24	17°15	5°39	12°17	9° 9	10°34	11°47	4°35
M16	3 54 20	27°49'59	14°27	15°25	12°12	16°39	8°47	4°29	17°16	5°37	12°19	9°11	10°31	11°53	4°34
T 17	3 58 16	28°51'02	26°16	16°57	13°19	17°23	8°42	4°35	17°17	5°35	12°20	9°R12	10°28	12° 0	4°32
W18	4 2 13	29°52'06	8♌12	18°29	14°27	18° 6	8°37	4°40	17°19	5°34	12°22	9°11	10°24	12° 7	4°31
T 19	4 6 9	0♌53'10	20°18	20° 1	15°34	18°49	8°32	4°45	17°20	5°32	12°24	9° 9	10°21	12°13	4°30
F 20	4 10 6	1°54'15	2♂41	21°34	16°42	19°33	8°27	4°50	17°21	5°30	12°26	9° 6	10°18	12°20	4°28
S 21	4 14 2	2°55'21	15°23	23° 6	17°50	20°16	8°22	4°55	17°23	5°29	12°28	9° 0	10°15	12°27	4°27
S 22	4 17 59	3°56'27	28°26	24°39	18°58	21° 0	8°17	5° 0	17°24	5°27	12°29	8°54	10°12	12°33	4°26
M23	4 21 55	4°57'33	11♌52	26°12	20° 6	21°43	8°11	5° 5	17°26	5°25	12°31	8°48	10° 9	12°40	4°25
T 24	4 25 52	5°58'40	25°40	27°45	21°15	22°27	8° 5	5° 9	17°27	5°24	12°33	8°43	10° 5	12°47	4°24
W25	4 29 49	6°59'48	9♌45	29°18	22°24	23°10	7°59	5°14	17°29	5°22	12°34	8°39	10° 2	12°53	4°23
T 26	4 33 45	8° 0'56	24° 5	0♌51	23°32	23°54	7°53	5°19	17°31	5°20	12°36	8°37	9°59	13° 0	4°22
F 27	4 37 42	9° 2'05	8♋33	2°25	24°42	24°38	7°47	5°23	17°32	5°18	12°37	8°D36	9°56	13° 7	4°21
S 28	4 41 38	10° 3'15	23° 3	3°59	25°51	25°21	7°41	5°28	17°34	5°17	12°39	8°37	9°53	13°13	4°20
S 29	4 45 35	11° 4'25	7♌31	5°32	27° 0	26° 5	7°34	5°32	17°36	5°15	12°40	8°38	9°50	13°20	4°20
M30	4 49 31	12° 5'36	21♌53	7♌ 6	28♌10	26♌49	7♋28	5♌36	17°38	5♌13	12°42	8°40	9°46	13°27	4°19

Delta T = 56m46s

Julian Calendar 1 Nov. 744 == Greg. Calendar 5 Nov. 744

DECEMBER 744 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	4 53 28	13♌ 6'47	6♎ 5	8♌41	29♌19	27♌33	7°R21	5♌40	17°40	5°R12	12°43	8♌41	9♌43	13°33	4°R18
W 2	4 57 25	14° 7'59	20° 6	10°15	0♌29	28°17	7♋14	5°45	17°41	5♌10	12°45	8°R41	9°40	13°40	4°V18
T 3	5 1 21	15° 9'11	3♌56	11°50	1°39	29° 1	7° 7	5°49	17°43	5° 8	12°46	8°39	9°37	13°47	4°17
F 4	5 5 18	16°10'24	17°33	13°25	2°49	29°45	7° 0	5°53	17°45	5° 7	12°48	8°37	9°34	13°53	4°17
S 5	5 9 14	17°11'38	0♌57	15° 0	4° 0	0♌29	6°53	5°56	17°47	5° 5	12°49	8°34	9°30	14° 0	4°16
S 6	5 13 11	18°12'52	14° 8	16°35	5°10	1°13	6°46	6° 0	17°50	5° 3	12°50	8°31	9°27	14° 7	4°16
M 7	5 17 7	19°14'06	27° 5	18°11	6°21	1°57	6°38	6° 4	17°52	5° 2	12°51	8°28	9°24	14°13	4°16
T 8	5 21 4	20°15'21	9♌50	19°47	7°31	2°41	6°31	6° 7	17°54	5° 0	12°53	8°25	9°21	14°20	4°16
W 9	5 25 0	21°16'36	22°21	21°24	8°42	3°25	6°23	6°11	17°56	4°58	12°54	8°24	9°18	14°27	4°15
T 10	5 28 57	22°17'50	4♌39	23° 0	9°53	4°10	6°16	6°14	17°58	4°57	12°55	8°D23	9°15	14°33	4°15
F 11	5 32 54	23°19'05	16°47	24°37	11° 4	4°54	6° 8	6°18	18° 1	4°55	12°56	8°23	9°11	14°40	4°D15
S 12	5 36 50	24°20'19	28°45	26°15	12°15	5°38	6° 0	6°21	18° 3	4°54	12°57	8°24	9° 8	14°47	4°15
S 13	5 40 47	25°21'34	10♋37	27°53	13°26	6°23	5°52	6°24	18° 5	4°52	12°58	8°25	9° 5	14°54	4°15
M14	5 44 43	26°22'47	22°25	29°31	14°38	7° 7	5°44	6°27	18° 8	4°50	12°59	8°26	9° 2	15° 0	4°15
T 15	5 48 40	27°24'00	4♌15	1♌ 9	15°49	7°52	5°37	6°30	18°10	4°49	13° 1	8°28	8°59	15° 7	4°16
W16	5 52 36	28°25'13	16° 9	2°48	17° 0	8°36	5°29	6°33	18°13	4°47	13° 1	8°28	8°56	15°14	4°16
T 17	5 56 33	29°26'25	28°13	4°27	18°12	9°21	5°21	6°35	18°15	4°46	13° 2	8°R29	8°52	15°20	4°16
F 18	6 0 29	0♌27'37	10♌32	6° 7	19°23	10° 5	5°13	6°38	18°18	4°44	13° 3	8°28	8°49	15°27	4°16
S 19	6 4 26	1°28'48	23°10	7°47	20°35	10°50	5° 5	6°41	18°20	4°43	13° 4	8°28	8°46	15°34	4°17
S 20	6 8 23	2°29'59	6♌10	9°27	21°47	11°35	4°56	6°43	18°23	4°41	13° 5	8°27	8°43	15°40	4°17
M21	6 12 19	3°31'08	19°36	11° 8	22°59	12°19	4°48	6°45	18°26	4°40	13° 6	8°27	8°40	15°47	4°18
T 22	6 16 16	4°32'18	3♌28	12°49	24°11	13° 4	4°40	6°48	18°28	4°38	13° 7	8°26	8°36	15°54	4°18
W23	6 20 12	5°33'26	17°44	14°30	25°23	13°49	4°32	6°50	18°31	4°37	13° 7	8°26	8°33	16° 0	4°19
T 24	6 24 9	6°34'34	2♋21	16°11	26°35	14°34	4°24	6°52	18°34	4°36	13° 8	8°D26	8°30	16° 7	4°20
F 25	6 28 5	7°35'42	17°12	17°52	27°47	15°19	4°16	6°54	18°37	4°34	13° 9	8°26	8°27	16°14	4°21
S 26	6 32 2	8°36'48	2♌10	19°34	28°59	16° 3	4° 8	6°56	18°39	4°33	13° 9	8°R26	8°24	16°20	4°21
S 27	6 35 58	9°37'54	17° 6	21°15	0♌11	16°48	4° 0	6°57	18°42	4°32	13°10	8°26	8°21	16°27	4°22
M28	6 39 55	10°39'00	1♎53	22°56	1°24	17°33	3°52	6°59	18°45	4°30	13°10	8°25	8°17	16°34	4°23
T 29	6 43 52	11°40'05	16°24	24°36	2°36	18°18	3°44	7° 1	18°48	4°29	13°11	8°25	8°14	16°40	4°24
W30	6 47 48	12°41'10	0♌36	26°16	3°48	19° 3	3°36	7° 2	18°51	4°28	13°11	8°25	8°11	16°47	4°25
T 31	6 51 45	13°42'14	14♌27	27°55	5♌ 1	19°48	3♋28	7♌ 3	18°54	4♌26	13°12	8°D25	8♌ 8	16°54	4°V26

Delta T = 56m45s

Julian Calendar

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