

SWISS EPHEMERIS for the year 2392

JANUARY 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	6 40 7	9°34'06	15°22	8°R13	28°7 9	7°42	21°R16	28°20	23°45	26°R49	18°R15	13°27	13°27	13°27	10°48
T 2	6 44 4	10°44'13	27°22	6°52	29°25	8° 6	21°R13	28°20	23°47	26°R47	18°R14	13°19	13°23	13°27	10°55
F 3	6 48 1	11°45'20	9°Y16	5°35	0°30	8°31	21°10	28°21	23°48	26°46	18°13	13°R19	13°20	13°33	11° 2
S 4	6 51 57	12°46'27	21° 8	4°24	1°56	8°55	21° 8	28°22	23°49	26°44	18°12	13°D19	13°17	13°40	11° 9
S 5	6 55 54	13°47'33	3° 4	3°21	3°11	9°19	21° 5	28°22	23°51	26°42	18°11	13°19	13°14	13°47	11°16
M 6	6 59 50	14°48'40	15° 8	2°27	4°27	9°42	21° 3	28°22	23°52	26°41	18°10	13°19	13°11	13°54	11°23
T 7	7 3 47	15°49'47	27°23	1°44	5°42	10° 5	21° 1	28°23	23°53	26°39	18° 9	13°19	13° 7	14° 0	11°30
W 8	7 7 43	16°50'54	9°II54	1°11	6°57	10°28	21° 0	28°R23	23°54	26°38	18° 8	13°19	13° 4	14° 7	11°37
T 9	7 11 40	17°52'01	22°42	0°48	8°13	10°51	20°58	28°23	23°56	26°36	18° 7	13°20	13° 1	14°14	11°44
F 10	7 15 36	18°53'07	5°D49	0°35	9°28	11°13	20°57	28°23	23°57	26°34	18° 6	13°20	12°58	14°21	11°51
S 11	7 19 33	19°54'14	19°15	0°D32	10°44	11°35	20°56	28°22	23°58	26°33	18° 5	13°R20	12°55	14°27	11°57
S 12	7 23 30	20°55'21	2°Ω58	0°38	11°59	11°57	20°55	28°22	23°59	26°31	18° 4	13°20	12°52	14°34	12° 4
M13	7 27 26	21°56'27	16°56	0°53	13°15	12°18	20°54	28°21	24° 0	26°30	18° 3	13°19	12°48	14°41	12°11
T 14	7 31 23	22°57'34	1°η 4	1°14	14°30	12°39	20°54	28°21	24° 1	26°28	18° 2	13°18	12°45	14°47	12°17
W15	7 35 19	23°58'41	15°19	1°43	15°46	13° 0	20°54	28°20	24° 1	26°27	18° 1	13°17	12°42	14°54	12°24
T 16	7 39 16	24°59'47	29°37	2°18	17° 1	13°20	20°D54	28°19	24° 2	26°25	18° 1	13°15	12°39	15° 1	12°30
F 17	7 43 12	26° 0'54	13°Ω53	2°58	18°16	13°40	20°54	28°19	24° 3	26°24	18° 0	13°14	12°36	15° 8	12°37
S 18	7 47 9	27° 2'01	28° 5	3°43	19°32	14° 0	20°54	28°17	24° 3	26°23	17°59	13°D14	12°33	15°14	12°43
S 19	7 51 5	28° 3'08	12°η11	4°33	20°47	14°19	20°55	28°16	24° 4	26°21	17°58	13°15	12°29	15°21	12°49
M20	7 55 2	29° 4'15	26° 9	5°27	22° 3	14°38	20°55	28°15	24° 5	26°20	17°57	13°16	12°26	15°28	12°56
T 21	7 58 59	0°Ω 5'22	9°758	6°24	23°18	14°56	20°56	28°14	24° 5	26°18	17°56	13°17	12°23	15°35	13° 2
W22	8 2 55	1° 6'28	23°36	7°24	24°34	15°14	20°58	28°12	24° 5	26°17	17°55	13°18	12°20	15°41	13° 8
T 23	8 6 52	2° 7'35	7° 4	8°28	25°49	15°31	20°59	28°11	24° 6	26°16	17°55	13°R19	12°17	15°48	13°14
F 24	8 10 48	3° 8'41	20°18	9°34	27° 5	15°49	21° 1	28° 9	24° 6	26°15	17°54	13°19	12°13	15°55	13°20
S 25	8 14 45	4° 9'47	3°Ω20	10°42	28°20	16° 5	21° 2	28° 7	24° 6	26°13	17°53	13°18	12°10	16° 1	13°26
S 26	8 18 41	5°10'52	16° 8	11°53	29°35	16°21	21° 4	28° 6	24° 7	26°12	17°52	13°15	12° 7	16° 8	13°32
M27	8 22 38	6°11'57	28°42	13° 5	0°Ω51	16°37	21° 7	28° 4	24° 7	26°11	17°52	13°12	12° 4	16°15	13°38
T 28	8 26 34	7°13'01	11°X 3	14°19	2° 6	16°52	21° 9	28° 2	24° 7	26°10	17°51	13° 8	12° 1	16°22	13°43
W29	8 30 31	8°14'04	23°12	15°35	3°22	17° 7	21°12	27°59	24°R 7	26° 8	17°50	13° 4	11°58	16°28	13°49
T 30	8 34 28	9°15'06	5°Y12	16°52	4°37	17°21	21°15	27°57	24° 7	26° 7	17°50	12°59	11°54	16°35	13°54
F 31	8 38 24	10°16'07	17°Y 6	18°311	5°Ω53	17°435	21°R18	27°η55	24°Ω 7	26°II 6	17°II49	12°566	11°551	16°Y42	14°X 0

Delta T = 16m34s

FEBRUARY 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	8 42 21	11°17'07	28°Y57	19°31	7°Ω 8	17°48	21°R21	27°R52	24°R 7	26°R 5	17°R48	12°R54	11°548	16°Y48	14°X 5
S 2	8 46 17	12°18'06	10°Ω51	20°52	8°23	18° 1	21°24	27°η50	24°Ω 6	26°II 4	17°II48	12°D53	11°45	16°55	14°11
M 3	8 50 14	13°19'04	22°52	22°14	9°39	18°13	21°28	27°47	24° 6	26° 3	17°47	12°54	11°42	17° 2	14°16
T 4	8 54 10	14°20'02	5°II 5	23°37	10°54	18°25	21°32	27°44	24° 6	26° 2	17°47	12°55	11°39	17° 9	14°21
W 5	8 58 7	15°20'57	17°35	25° 1	12° 9	18°36	21°36	27°42	24° 5	26° 1	17°46	12°57	11°35	17°15	14°26
T 6	9 2 3	16°21'52	0°Ω26	26°26	13°25	18°47	21°40	27°39	24° 5	26° 0	17°45	12°58	11°32	17°22	14°31
F 7	9 6 0	17°22'46	13°40	27°52	14°40	18°57	21°44	27°36	24° 4	25°59	17°45	12°R59	11°29	17°29	14°36
S 8	9 9 57	18°23'38	27°19	29°19	15°55	19° 6	21°49	27°33	24° 4	25°58	17°44	12°58	11°26	17°36	14°41
S 9	9 13 53	19°24'30	11°Ω22	0°Ω47	17°11	19°15	21°53	27°29	24° 3	25°57	17°44	12°55	11°23	17°42	14°46
M10	9 17 50	20°25'20	25°46	2°15	18°26	19°23	21°58	27°26	24° 3	25°56	17°44	12°51	11°19	17°49	14°51
T 11	9 21 46	21°26'09	10°η24	3°45	19°41	19°31	22° 3	27°23	24° 2	25°56	17°43	12°45	11°16	17°56	14°55
W12	9 25 43	22°26'57	25° 9	5°15	20°57	19°38	22° 9	27°19	24° 1	25°55	17°43	12°39	11°13	18° 2	15° 0
T 13	9 29 39	23°27'44	9°Ω54	6°46	22°12	19°44	22°14	27°16	24° 0	25°54	17°42	12°33	11°10	18° 9	15° 4
F 14	9 33 36	24°28'30	24°31	8°18	23°27	19°50	22°20	27°12	24° 0	25°53	17°42	12°28	11° 7	18°16	15° 9
S 15	9 37 32	25°29'16	8°η55	9°51	24°43	19°55	22°25	27° 9	23°59	25°53	17°42	12°25	11° 4	18°23	15°13
S 16	9 41 29	26°30'00	23° 3	11°24	25°58	19°59	22°31	27° 5	23°58	25°52	17°41	12°D24	11° 0	18°29	15°17
M17	9 45 26	27°30'43	6°X53	12°58	27°13	20° 3	22°38	27° 1	23°57	25°51	17°41	12°24	10°57	18°36	15°21
T 18	9 49 22	28°31'26	20°26	14°33	28°28	20° 6	22°44	26°57	23°56	25°51	17°41	12°25	10°54	18°43	15°25
W19	9 53 19	29°32'07	3°Ω44	16° 9	29°44	20° 8	22°50	26°53	23°55	25°50	17°40	12°26	10°51	18°49	15°29
T 20	9 57 15	0°X32'48	16°48	17°46	0°X59	20° 9	22°57	26°49	23°53	25°50	17°40	12°R26	10°48	18°56	15°33
F 21	10 1 12	1°33'27	29°39	19°24	2°14	20°10	23° 4	26°45	23°52	25°49	17°40	12°25	10°45	19° 3	15°37
S 22	10 5 8	2°34'05	12°Ω20	21° 2	3°29	20°R10	23°11	26°41	23°51	25°49	17°40	12°21	10°41	19°10	15°40
S 23	10 9 5	3°34'42	24°50	22°41	4°45	20°10	23°18	26°37	23°50	25°48	17°39	12°14	10°38	19°16	15°44
M24	10 13 1	4°35'17	7°X10	24°22	6° 0	20° 8	23°25	26°33	23°48	25°48	17°39	12° 6	10°35	19°23	15°47
T 25	10 16 58	5°35'50	19°22	26° 3	7°15	20° 6	23°32	26°29	23°47	25°47	17°39	11°55	10°32	19°30	15°51
W26	10 20 55	6°36'22	1°Y26	27°45	8°30	20° 3	23°40	26°24	23°45	25°47	17°39	11°44	10°29	19°37	15°54
T 27	10 24 51	7°36'53	13°23	29°27	9°45	19°59	23°48	26°20	23°44	25°47	17°39	11°34	10°25	19°43	15°57
F 28	10 28 48	8°37'21	25°15	1°X11	11° 0	19°55	23°55	26°16	23°42	25°46	17°39	11°24	10°22	19°50	16° 0
S 29	10 32 44	9°X37'48	7°Ω 6	2°X56	12°X15	19°49	24°Ω 3	26°η11	23°Ω41	25°II46	17°II39	11°517	10°519	19°Y57	16°X 3

Delta T = 16m34s

created from Swiss Ephemeris, Copyright Astrodienst AG [4.12.2006]

SWISS EPHEMERIS for the year 2392

MARCH 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	10 36 41	10 ^h 38'13	18 ^h 58	4 ^h 42	13 ^h 31	19 ^h R43	24 ^h 12	26 ^h R 7	23 ^h R39	25 ^h R46	17 ^h R39	11 ^h R12	10 ^h 16	20 ^h Y 3	16 ^h 7 6
M 2	10 40 37	11 ^h 38'37	0 ^h II56	6 ^h 28	14 ^h 46	19 ^h 37	24 ^h 20	26 ^h II 2	23 ^h 37	25 ^h II46	17 ^h D39	11 ^h 9	10 ^h 13	20 ^h 10	16 ^h 9
T 3	10 44 34	12 ^h 38'58	13 ^h 5	8 ^h 16	16 ^h 1	19 ^h 29	24 ^h 28	25 ^h 58	23 ^h 36	25 ^h 46	17 ^h II39	11 ^h D 8	10 ^h 10	20 ^h 17	16 ^h 12
W 4	10 48 30	13 ^h 39'18	25 ^h 30	10 ^h 5	17 ^h 16	19 ^h 21	24 ^h 37	25 ^h 53	23 ^h 34	25 ^h 46	17 ^h 39	11 ^h 9	10 ^h 6	20 ^h 24	16 ^h 14
T 5	10 52 27	14 ^h 39'35	8 ^h 16	11 ^h 54	18 ^h 31	19 ^h 11	24 ^h 46	25 ^h 48	23 ^h 32	25 ^h 45	17 ^h 39	11 ^h R 9	10 ^h 3	20 ^h 30	16 ^h 17
F 6	10 56 24	15 ^h 39'51	21 ^h 27	13 ^h 45	19 ^h 46	19 ^h 1	24 ^h 54	25 ^h 44	23 ^h 30	25 ^h D45	17 ^h 39	11 ^h 9	10 ^h 0	20 ^h 37	16 ^h 19
S 7	11 0 20	16 ^h 40'05	5 ^h II 7	15 ^h 36	21 ^h 1	18 ^h 51	25 ^h 3	25 ^h 39	23 ^h 29	25 ^h 45	17 ^h 39	11 ^h 7	9 ^h 57	20 ^h 44	16 ^h 21
S 8	11 4 17	17 ^h 40'16	19 ^h 16	17 ^h 29	22 ^h 16	18 ^h 39	25 ^h 12	25 ^h 34	23 ^h 27	25 ^h 45	17 ^h 39	11 ^h 2	9 ^h 54	20 ^h 50	16 ^h 23
M 9	11 8 13	18 ^h 40'26	3 ^h II52	19 ^h 22	23 ^h 31	18 ^h 27	25 ^h 22	25 ^h 30	23 ^h 25	25 ^h 46	17 ^h 39	10 ^h 54	9 ^h 50	20 ^h 57	16 ^h 26
T 10	11 12 10	19 ^h 40'34	18 ^h 48	21 ^h 16	24 ^h 46	18 ^h 14	25 ^h 31	25 ^h 25	23 ^h 23	25 ^h 46	17 ^h 40	10 ^h 45	9 ^h 47	21 ^h 4	16 ^h 27
W11	11 16 6	20 ^h 40'40	3 ^h II57	23 ^h 11	26 ^h 1	18 ^h 0	25 ^h 40	25 ^h 20	23 ^h 21	25 ^h 46	17 ^h 40	10 ^h 34	9 ^h 44	21 ^h 11	16 ^h 29
T 12	11 20 3	21 ^h 40'44	19 ^h 7	25 ^h 7	27 ^h 15	17 ^h 46	25 ^h 50	25 ^h 15	23 ^h 19	25 ^h 46	17 ^h 40	10 ^h 24	9 ^h 41	21 ^h 17	16 ^h 31
F 13	11 23 59	22 ^h 40'47	4 ^h II 8	27 ^h 3	28 ^h 30	17 ^h 31	26 ^h 0	25 ^h 11	23 ^h 17	25 ^h 46	17 ^h 40	10 ^h 15	9 ^h 38	21 ^h 24	16 ^h 33
S 14	11 27 56	23 ^h 40'48	18 ^h 52	29 ^h 0	29 ^h 45	17 ^h 15	26 ^h 9	25 ^h 6	23 ^h 14	25 ^h 46	17 ^h 40	10 ^h 8	9 ^h 35	21 ^h 31	16 ^h 34
S 15	11 31 52	24 ^h 40'47	3 ^h II13	0 ^h Y57	1 ^h Y 0	16 ^h 59	26 ^h 19	25 ^h 1	23 ^h 12	25 ^h 47	17 ^h 41	10 ^h 4	9 ^h 31	21 ^h 38	16 ^h 36
M16	11 35 49	25 ^h 40'45	17 ^h 9	2 ^h 54	2 ^h 15	16 ^h 41	26 ^h 29	24 ^h 56	23 ^h 10	25 ^h 47	17 ^h 41	10 ^h 3	9 ^h 28	21 ^h 44	16 ^h 37
T 17	11 39 46	26 ^h 40'42	0 ^h II42	4 ^h 51	3 ^h 30	16 ^h 24	26 ^h 40	24 ^h 51	23 ^h 8	25 ^h 47	17 ^h 41	10 ^h D 3	9 ^h 25	21 ^h 51	16 ^h 38
W18	11 43 42	27 ^h 40'37	13 ^h 52	6 ^h 48	4 ^h 45	16 ^h 5	26 ^h 50	24 ^h 47	23 ^h 6	25 ^h 48	17 ^h 42	10 ^h R 3	9 ^h 22	21 ^h 58	16 ^h 39
T 19	11 47 39	28 ^h 40'30	26 ^h 44	8 ^h 45	5 ^h 59	15 ^h 46	27 ^h 0	24 ^h 42	23 ^h 3	25 ^h 48	17 ^h 42	10 ^h 2	9 ^h 19	22 ^h 4	16 ^h 40
F 20	11 51 35	29 ^h 40'21	9 ^h II21	10 ^h 40	7 ^h 14	15 ^h 27	27 ^h 11	24 ^h 37	23 ^h 1	25 ^h 49	17 ^h 42	9 ^h 59	9 ^h 16	22 ^h 11	16 ^h 41
S 21	11 55 32	0 ^h Y40'11	21 ^h 45	12 ^h 34	8 ^h 29	15 ^h 7	27 ^h 21	24 ^h 32	22 ^h 59	25 ^h 49	17 ^h 43	9 ^h 53	9 ^h 12	22 ^h 18	16 ^h 42
S 22	11 59 28	1 ^h 39'59	4 ^h II 8	14 ^h 27	9 ^h 43	14 ^h 46	27 ^h 32	24 ^h 28	22 ^h 56	25 ^h 50	17 ^h 43	9 ^h 44	9 ^h 9	22 ^h 25	16 ^h 43
M23	12 3 25	2 ^h 39'45	16 ^h 8	16 ^h 18	10 ^h 58	14 ^h 25	27 ^h 43	24 ^h 23	22 ^h 54	25 ^h 50	17 ^h 44	9 ^h 32	9 ^h 6	22 ^h 31	16 ^h 43
T 24	12 7 21	3 ^h 39'29	28 ^h 10	18 ^h 6	12 ^h 13	14 ^h 4	27 ^h 54	24 ^h 18	22 ^h 52	25 ^h 51	17 ^h 44	9 ^h 18	9 ^h 3	22 ^h 38	16 ^h 44
W25	12 11 18	4 ^h 39'12	10 ^h Y 7	19 ^h 51	13 ^h 28	13 ^h 42	28 ^h 5	24 ^h 13	22 ^h 49	25 ^h 51	17 ^h 45	9 ^h 3	9 ^h 0	22 ^h 45	16 ^h 44
T 26	12 15 15	5 ^h 38'52	22 ^h 0	21 ^h 33	14 ^h 42	13 ^h 20	28 ^h 16	24 ^h 9	22 ^h 47	25 ^h 52	17 ^h 45	8 ^h 49	8 ^h 56	22 ^h 51	16 ^h 45
F 27	12 19 11	6 ^h 38'30	3 ^h II51	23 ^h 11	15 ^h 57	12 ^h 57	28 ^h 27	24 ^h 4	22 ^h 44	25 ^h 53	17 ^h 46	8 ^h 36	8 ^h 53	22 ^h 58	16 ^h 45
S 28	12 23 8	7 ^h 38'06	15 ^h 42	24 ^h 44	17 ^h 11	12 ^h 34	28 ^h 38	24 ^h 0	22 ^h 42	25 ^h 53	17 ^h 46	8 ^h 25	8 ^h 50	23 ^h 5	16 ^h R45
S 29	12 27 4	8 ^h 37'40	27 ^h 35	26 ^h 13	18 ^h 26	12 ^h 11	28 ^h 50	23 ^h 55	22 ^h 39	25 ^h 54	17 ^h 47	8 ^h 17	8 ^h 47	23 ^h 12	16 ^h 45
M30	12 31 1	9 ^h 37'12	9 ^h II33	27 ^h 37	19 ^h 40	11 ^h 48	29 ^h 1	23 ^h 51	22 ^h 37	25 ^h 55	17 ^h 47	8 ^h 12	8 ^h 44	23 ^h 18	16 ^h 45
T 31	12 34 57	10 ^h Y36'42	21 ^h II41	28 ^h Y55	20 ^h Y55	11 ^h 25	29 ^h II2	23 ^h II46	22 ^h 34	25 ^h II56	17 ^h II48	8 ^h 10	8 ^h 41	23 ^h Y25	16 ^h Y44

Delta T = 16m34s

APRIL 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
W 1	12 38 54	11 ^h Y36'09	4 ^h II 3	0 ^h II 8	22 ^h Y 9	11 ^h R 1	29 ^h II24	23 ^h R42	22 ^h R32	25 ^h II57	17 ^h II49	8 ^h R 9	8 ^h 37	23 ^h Y32	16 ^h R44
T 2	12 42 50	12 ^h 35'34	16 ^h 44	1 ^h 14	23 ^h 24	10 ^h II38	29 ^h 36	23 ^h II37	22 ^h 29	25 ^h 57	17 ^h 49	8 ^h 9	8 ^h 34	23 ^h 38	16 ^h Y43
F 3	12 46 47	13 ^h 34'57	29 ^h 49	2 ^h 13	24 ^h 38	10 ^h 15	29 ^h 48	23 ^h 33	22 ^h 27	25 ^h 58	17 ^h 50	8 ^h 9	8 ^h 31	23 ^h 45	16 ^h 43
S 4	12 50 44	14 ^h 34'18	13 ^h II22	3 ^h 6	25 ^h 53	9 ^h 51	29 ^h 59	23 ^h 29	22 ^h 24	25 ^h 59	17 ^h 51	8 ^h 6	8 ^h 28	23 ^h 52	16 ^h 42
S 5	12 54 40	15 ^h 33'36	27 ^h 24	3 ^h 52	27 ^h 7	9 ^h 28	0 ^h II11	23 ^h 24	22 ^h 22	26 ^h 0	17 ^h 51	8 ^h 1	8 ^h 25	23 ^h 59	16 ^h 41
M 6	12 58 37	16 ^h 32'52	11 ^h II57	4 ^h 30	28 ^h 21	9 ^h 5	0 ^h 23	23 ^h 20	22 ^h 19	26 ^h 1	17 ^h 52	7 ^h 54	8 ^h 22	24 ^h 5	16 ^h 41
T 7	13 2 33	17 ^h 32'05	26 ^h 54	5 ^h 2	29 ^h 36	8 ^h 42	0 ^h 36	23 ^h 16	22 ^h 17	26 ^h 2	17 ^h 53	7 ^h 44	8 ^h 18	24 ^h 12	16 ^h 40
W 8	13 6 30	18 ^h 31'17	12 ^h II 9	5 ^h 26	0 ^h II50	8 ^h 19	0 ^h 48	23 ^h 12	22 ^h 14	26 ^h 3	17 ^h 54	7 ^h 33	8 ^h 15	24 ^h 19	16 ^h 39
T 9	13 10 26	19 ^h 30'26	27 ^h 30	5 ^h 43	2 ^h 4	7 ^h 57	1 ^h 0	23 ^h 8	22 ^h 11	26 ^h 4	17 ^h 54	7 ^h 23	8 ^h 12	24 ^h 25	16 ^h 37
F 10	13 14 23	20 ^h 29'34	12 ^h II46	5 ^h 53	3 ^h 19	7 ^h 35	1 ^h 12	23 ^h 4	22 ^h 9	26 ^h 6	17 ^h 55	7 ^h 13	8 ^h 9	24 ^h 32	16 ^h 36
S 11	13 18 19	21 ^h 28'40	27 ^h 46	5 ^h R56	4 ^h 33	7 ^h 13	1 ^h 25	23 ^h 0	22 ^h 6	26 ^h 7	17 ^h 56	7 ^h 6	8 ^h 6	24 ^h 39	16 ^h 35
S 12	13 22 16	22 ^h 27'44	12 ^h II23	5 ^h 52	5 ^h 47	6 ^h 52	1 ^h 37	22 ^h 56	22 ^h 4	26 ^h 8	17 ^h 57	7 ^h 2	8 ^h 2	24 ^h 46	16 ^h 33
M13	13 26 13	23 ^h 26'46	26 ^h 32	5 ^h 41	7 ^h 1	6 ^h 31	1 ^h 50	22 ^h 52	22 ^h 1	26 ^h 9	17 ^h 58	7 ^h 0	7 ^h 59	24 ^h 52	16 ^h 32
T 14	13 30 9	24 ^h 25'46	10 ^h II12	5 ^h 24	8 ^h 15	6 ^h 10	2 ^h 2	22 ^h 49	21 ^h 58	26 ^h 10	17 ^h 59	6 ^h D59	7 ^h 56	24 ^h 59	16 ^h 30
W15	13 34 6	25 ^h 24'45	23 ^h 26	5 ^h 2	9 ^h 29	5 ^h 50	2 ^h 15	22 ^h 45	21 ^h 56	26 ^h 12	17 ^h 59	7 ^h R 0	7 ^h 53	25 ^h 6	16 ^h 28
T 16	13 38 2	26 ^h 23'42	6 ^h II17	4 ^h 34	10 ^h 44	5 ^h 30	2 ^h 27	22 ^h 41	21 ^h 53	26 ^h 13	18 ^h 0	6 ^h 59	7 ^h 50	25 ^h 12	16 ^h 26
F 17	13 41 59</														

SWISS EPHEMERIS for the year 2392

MAY 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	14 37 11	11♈ 4'15	9♎ 4	25°R29	29♉12	1°R57	5♊44	21°R57	21°R16	26♋35	18♌16	5°R29	7♍ 2	26♎53	15°R48
S 2	14 41 7	12° 2'41	22°30	25♋14	0♌25	1♍48	5°58	21♎55	21♏13	26°37	18°17	5♐29	6°59	27° 0	15♑45
S 3	14 45 4	13° 1'05	6♎23	25° 4	1°39	1°41	6°11	21°53	21°11	26°39	18°18	5°26	6°56	27° 7	15°42
M 4	14 49 0	13°59'27	20°43	24°59	2°53	1°34	6°25	21°51	21° 9	26°40	18°19	5°22	6°53	27°13	15°38
T 5	14 52 57	14°57'47	5♏27	24°D58	4° 6	1°29	6°38	21°49	21° 6	26°42	18°20	5°16	6°49	27°20	15°35
W 6	14 56 53	15°56'04	20°31	25° 3	5°20	1°24	6°52	21°47	21° 4	26°44	18°22	5° 9	6°46	27°27	15°32
T 7	15 0 50	16°54'20	5♌45	25°12	6°33	1°19	7° 6	21°45	21° 2	26°46	18°23	5° 2	6°43	27°33	15°28
F 8	15 4 46	17°52'34	20°58	25°26	7°47	1°16	7°19	21°44	21° 0	26°48	18°24	4°55	6°40	27°40	15°25
S 9	15 8 43	18°50'46	6♊ 1	25°45	9° 0	1°13	7°33	21°42	20°57	26°49	18°25	4°50	6°37	27°47	15°21
S 10	15 12 39	19°48'57	20°44	26° 8	10°13	1°11	7°47	21°41	20°55	26°51	18°26	4°48	6°33	27°54	15°17
M11	15 16 36	20°47'06	5♊ 1	26°36	11°27	1°10	8° 0	21°40	20°53	26°53	18°28	4°D47	6°30	28° 0	15°14
T 12	15 20 33	21°45'14	18°51	27° 7	12°40	1°D10	8°14	21°38	20°51	26°55	18°29	4°47	6°27	28° 7	15°10
W13	15 24 29	22°43'20	2♌13	27°43	13°53	1°10	8°28	21°37	20°49	26°57	18°30	4°49	6°24	28°14	15° 6
T 14	15 28 26	23°41'25	15°10	28°23	15° 7	1°11	8°42	21°36	20°47	26°59	18°31	4°50	6°21	28°21	15° 2
F 15	15 32 22	24°39'29	27°46	29° 6	16°20	1°13	8°56	21°35	20°45	27° 1	18°33	4°R50	6°18	28°27	14°58
S 16	15 36 19	25°37'31	10♈ 4	29°53	17°33	1°15	9°10	21°34	20°43	27° 3	18°34	4°49	6°14	28°34	14°54
S 17	15 40 15	26°35'32	22° 9	0♉43	18°46	1°19	9°24	21°34	20°41	27° 5	18°35	4°46	6°11	28°41	14°50
M18	15 44 12	27°33'32	4♋ 6	1°37	19°59	1°23	9°37	21°33	20°39	27° 7	18°36	4°42	6° 8	28°47	14°46
T 19	15 48 9	28°31'30	15°59	2°34	21°13	1°27	9°51	21°32	20°37	27° 9	18°38	4°36	6° 5	28°54	14°42
W20	15 52 5	29°29'27	27°49	3°34	22°26	1°33	10° 5	21°32	20°35	27°11	18°39	4°30	6° 2	29° 1	14°38
T 21	15 56 2	0♐27'22	9♉41	4°37	23°39	1°39	10°19	21°32	20°33	27°13	18°40	4°24	5°59	29° 7	14°34
F 22	15 59 58	1°25'16	21°36	5°42	24°52	1°46	10°33	21°32	20°32	27°15	18°42	4°18	5°55	29°14	14°29
S 23	16 3 55	2°23'09	3♊37	6°51	26° 5	1°53	10°47	21°D31	20°30	27°17	18°43	4°13	5°52	29°21	14°25
S 24	16 7 51	3°21'00	15°44	8° 3	27°18	2° 1	11° 1	21°31	20°28	27°19	18°44	4°10	5°49	29°28	14°21
M25	16 11 48	4°18'50	27°59	9°17	28°31	2°10	11°15	21°32	20°27	27°21	18°46	4° 9	5°46	29°34	14°17
T 26	16 15 44	5°16'39	10♍25	10°33	29°44	2°19	11°29	21°32	20°25	27°23	18°47	4°D 9	5°43	29°41	14°12
W27	16 19 41	6°14'26	23° 3	11°53	0♎56	2°29	11°43	21°32	20°23	27°25	18°48	4°10	5°39	29°48	14° 8
T 28	16 23 38	7°12'11	5♏55	13°14	2° 9	2°40	11°57	21°32	20°22	27°27	18°50	4°11	5°36	29°54	14° 4
F 29	16 27 34	8° 9'55	19° 4	14°39	3°22	2°51	12°11	21°33	20°20	27°30	18°51	4°13	5°33	0♉ 1	13°59
S 30	16 31 31	9° 7'37	2♎32	16° 5	4°35	3° 3	12°26	21°34	20°19	27°32	18°52	4°14	5°30	0° 8	13°55
S 31	16 35 27	10♌ 5'18	16♎20	17♉34	5♏48	3♏15	12♋40	21♎34	20♏18	27♌34	18♌54	4°R14	5♐27	0♉15	13♑51

Delta T = 16m35s

JUNE 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	16 39 24	11♌ 2'57	0♏29	19♉ 6	7♍ 0	3♏28	12♌54	21♎35	20°R16	27♌36	18♌55	4°R13	5♐24	0♉21	13°R46
T 2	16 43 20	12° 0'34	14°57	20°40	8°13	3°41	13° 8	21°36	20♏15	27°38	18°57	4♐11	5°20	0°28	13♑42
W 3	16 47 17	12°58'10	29°40	22°16	9°25	3°55	13°22	21°37	20°14	27°40	18°58	4° 8	5°17	0°35	13°37
T 4	16 51 13	13°55'45	14♌32	23°55	10°38	4°10	13°36	21°38	20°13	27°43	18°59	4° 6	5°14	0°41	13°33
F 5	16 55 10	14°53'18	29°27	25°36	11°50	4°25	13°50	21°40	20°11	27°45	19° 1	4° 3	5°11	0°48	13°29
S 6	16 59 7	15°50'51	14♊16	27°19	13° 3	4°40	14° 4	21°41	20°10	27°47	19° 2	4° 2	5° 8	0°55	13°24
S 7	17 3 3	16°48'22	28°51	29° 5	14°15	4°56	14°18	21°42	20° 9	27°49	19° 3	4°D 1	5° 5	1° 2	13°20
M 8	17 7 0	17°45'52	13♉ 6	0♐53	15°28	5°13	14°32	21°44	20° 8	27°51	19° 5	4° 1	5° 1	1° 8	13°16
T 9	17 10 56	18°43'22	26°57	2°44	16°40	5°30	14°46	21°46	20° 7	27°54	19° 6	4° 2	4°58	1°15	13°11
W10	17 14 53	19°40'50	10♏24	4°37	17°52	5°47	15° 0	21°47	20° 6	27°56	19° 8	4° 3	4°55	1°22	13° 7
T 11	17 18 49	20°38'18	23°26	6°32	19° 5	6° 5	15°14	21°49	20° 5	27°58	19° 9	4° 4	4°52	1°28	13° 3
F 12	17 22 46	21°35'45	6♈ 6	8°29	20°17	6°24	15°28	21°51	20° 5	28° 0	19°10	4° 5	4°49	1°35	12°58
S 13	17 26 42	22°33'12	18°28	10°28	21°29	6°42	15°42	21°53	20° 4	28° 2	19°12	4°R 5	4°45	1°42	12°54
S 14	17 30 39	23°30'37	0♋35	12°30	22°41	7° 2	15°56	21°55	20° 3	28° 5	19°13	4° 5	4°42	1°49	12°50
M15	17 34 36	24°28'03	12°33	14°33	23°53	7°21	16°10	21°58	20° 3	28° 7	19°14	4° 5	4°39	1°55	12°46
T 16	17 38 32	25°25'27	24°25	16°38	25° 5	7°41	16°24	22° 0	20° 2	28° 9	19°16	4° 4	4°36	2° 2	12°41
W17	17 42 29	26°22'51	6♉17	18°45	26°17	8° 2	16°38	22° 2	20° 1	28°11	19°17	4° 3	4°33	2° 9	12°37
T 18	17 46 25	27°20'15	18°11	20°54	27°29	8°23	16°52	22° 5	20° 1	28°14	19°19	4° 2	4°30	2°15	12°33
F 19	17 50 22	28°17'38	0♐11	23° 3	28°41	8°44	17° 6	22° 8	20° 0	28°16	19°20	4° 1	4°26	2°22	12°29
S 20	17 54 18	29°15'00	12°19	25°14	29°53	9° 6	17°19	22°10	20° 0	28°18	19°21	4° 1	4°23	2°29	12°25
S 21	17 58 15	0♎12'22	24°38	27°25	1♏ 5	9°28	17°33	22°13	20° 0	28°20	19°23	4° 0	4°20	2°35	12°21
M22	18 2 11	1° 9'43	7♍ 9	29°37	2°17	9°50	17°47	22°16	19°59	28°23	19°24	4°D 0	4°17	2°42	12°17
T 23	18 6 8	2° 7'04	19°53	1♎49	3°29	10°13	18° 1	22°19	19°59	28°25	19°25	4° 1	4°14	2°49	12°13
W24	18 10 5	3° 4'24	2♏51	4° 1	4°40	10°36	18°15	22°22	19°59	28°27	19°27	4° 1	4°11	2°56	12° 9
T 25	18 14 1	4° 1'43	16° 2	6°12	5°52	11° 0	18°28	22°25	19°59	28°29	19°28	4°R 1	4° 7	3° 2	12° 5
F 26	18 17 58	4°59'02	29°28	8°23	7° 4	11°24	18°42	22°29	19°59	28°32	19°29	4° 1	4° 4	3° 9	12° 1
S 27	18 21 54	5°56'19	13♎ 8	10°33	8°15	11°48	18°56	22°32	19°D59	28°34	19°31	4° 0	4° 1	3°16	11°57
S 28	18 25 51	6°53'36	27° 0	12°42	9°27	12°13	19°10	22°35	19°59	28°36	19°32	4° 0	3°58	3°22	11°54
M29	18 29 47	7°50'53	11♏ 5	14°50	10°38	12°38	19°23	22°39	19°59	28°38	19°33	4°D 0	3°55	3°29	11°50
T 30	18 33 44	8♎48'08	25♏21	16♎56	11♏50	13♏ 3	19♌37	22♎43	19♏59	28♌40	19♌35	4♐ 0	3♎51	3♉36	11♑47

Delta T = 16m35s

created from Swiss Ephemeris, Copyright Astrodiest AG [4.12.2006]

SWISS EPHEMERIS for the year 2392

JULY 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	18 37 40	9 ^h 45'23"	9 ^h 14'45"	19 ^h 05'1"	13 ^h 01'1"	13 ^h 42'28"	19 ^h 50'50"	22 ^h 07'46"	19 ^h 45'59"	28 ^h 11'43"	19 ^h 11'36"	4 ^h 01'1"	3 ^h 45'48"	3 ^h 43'43"	11 ^h 04'43"		
T 2	18 41 37	10 ^h 42'37"	24 ^h 13'	21 ^h 4'	14 ^h 12'	13 ^h 54'	20 ^h 4'	22 ^h 50'	19 ^h 59'	28 ^h 45'	19 ^h 37'	4 ^h 1'	3 ^h 45'	3 ^h 49'	11 ^h 07'40"		
F 3	18 45 34	11 ^h 39'51"	8 ^h 47'41"	23 ^h 5'	15 ^h 24'	14 ^h 20'	20 ^h 17'	22 ^h 54'	19 ^h 59'	28 ^h 47'	19 ^h 39'	4 ^h 2'	3 ^h 42'	3 ^h 56'	11 ^h 03'36"		
S 4	18 49 30	12 ^h 37'05"	23 ^h 5'	25 ^h 4'	16 ^h 35'	14 ^h 47'	20 ^h 31'	22 ^h 58'	20 ^h 0'	28 ^h 49'	19 ^h 40'	4 ^h 2'	3 ^h 39'	4 ^h 3'	11 ^h 03'33"		
S 5	18 53 27	13 ^h 34'18"	7 ^h 31'19"	27 ^h 2'	17 ^h 46'	15 ^h 13'	20 ^h 44'	23 ^h 2'	20 ^h 0'	28 ^h 51'	19 ^h 41'	4 ^h R 3'	3 ^h 36'	4 ^h 9'	11 ^h 02'29"		
M 6	18 57 23	14 ^h 31'31"	21 ^h 19'	28 ^h 57'	18 ^h 57'	15 ^h 40'	20 ^h 58'	23 ^h 6'	20 ^h 1'	28 ^h 54'	19 ^h 43'	4 ^h 2'	3 ^h 32'	4 ^h 16'	11 ^h 02'26"		
T 7	19 1 20	15 ^h 28'43"	5 ^h 31'1"	0 ^h 05'50"	20 ^h 8'	16 ^h 8'	21 ^h 11'	23 ^h 10'	20 ^h 1'	28 ^h 56'	19 ^h 44'	4 ^h 1'	3 ^h 29'	4 ^h 23'	11 ^h 02'23"		
W 8	19 5 16	16 ^h 25'56"	18 ^h 23'	2 ^h 41'	21 ^h 19'	16 ^h 35'	21 ^h 24'	23 ^h 15'	20 ^h 2'	28 ^h 58'	19 ^h 45'	4 ^h 0'	3 ^h 26'	4 ^h 29'	11 ^h 02'20"		
T 9	19 9 13	17 ^h 23'09"	1 ^h 42'24"	4 ^h 31'	22 ^h 30'	17 ^h 3'	21 ^h 38'	23 ^h 19'	20 ^h 2'	29 ^h 0'	19 ^h 46'	3 ^h 58'	3 ^h 23'	4 ^h 36'	11 ^h 01'17"		
F 10	19 13 10	18 ^h 20'21"	14 ^h 5'	6 ^h 18'	23 ^h 40'	17 ^h 31'	21 ^h 51'	23 ^h 23'	20 ^h 3'	29 ^h 2'	19 ^h 48'	3 ^h 56'	3 ^h 20'	4 ^h 43'	11 ^h 01'14"		
S 11	19 17 6	19 ^h 17'34"	26 ^h 29'	8 ^h 3'	24 ^h 51'	18 ^h 0'	22 ^h 4'	23 ^h 28'	20 ^h 4'	29 ^h 4'	19 ^h 49'	3 ^h 55'	3 ^h 17'	4 ^h 50'	11 ^h 01'11"		
S 12	19 21 3	20 ^h 14'47"	8 ^h 47'38"	9 ^h 46'	26 ^h 2'	18 ^h 28'	22 ^h 17'	23 ^h 33'	20 ^h 4'	29 ^h 7'	19 ^h 50'	3 ^h 54'	3 ^h 13'	4 ^h 56'	11 ^h 8'		
M13	19 24 59	21 ^h 12'01"	20 ^h 37'	11 ^h 26'	27 ^h 12'	18 ^h 57'	22 ^h 30'	23 ^h 37'	20 ^h 5'	29 ^h 9'	19 ^h 51'	3 ^h D53'	3 ^h 10'	5 ^h 3'	11 ^h 6'		
T 14	19 28 56	22 ^h 9'14"	2 ^h 30'30"	13 ^h 5'	28 ^h 23'	19 ^h 26'	22 ^h 43'	23 ^h 42'	20 ^h 6'	29 ^h 11'	19 ^h 52'	3 ^h 54'	3 ^h 7'	5 ^h 10'	11 ^h 3'		
W15	19 32 52	23 ^h 6'28"	14 ^h 22'	14 ^h 42'	29 ^h 33'	19 ^h 55'	22 ^h 56'	23 ^h 47'	20 ^h 7'	29 ^h 13'	19 ^h 54'	3 ^h 55'	3 ^h 4'	5 ^h 16'	11 ^h 1'		
T 16	19 36 49	24 ^h 3'43"	26 ^h 18'	16 ^h 16'	0 ^h 07'44"	20 ^h 25'	23 ^h 9'	23 ^h 52'	20 ^h 8'	29 ^h 15'	19 ^h 55'	3 ^h 56'	3 ^h 1'	5 ^h 23'	10 ^h 58'		
F 17	19 40 45	25 ^h 0'58"	8 ^h 11'22"	17 ^h 49'	1 ^h 54'	20 ^h 55'	23 ^h 22'	23 ^h 57'	20 ^h 9'	29 ^h 17'	19 ^h 56'	3 ^h 58'	2 ^h 57'	5 ^h 30'	10 ^h 56'		
S 18	19 44 42	25 ^h 58'13"	20 ^h 37'	19 ^h 19'	3 ^h 4'	21 ^h 25'	23 ^h 35'	24 ^h 2'	20 ^h 10'	29 ^h 19'	19 ^h 57'	3 ^h 59'	2 ^h 54'	5 ^h 36'	10 ^h 53'		
S 19	19 48 39	26 ^h 55'28"	3 ^h 05'7"	20 ^h 47'	4 ^h 15'	21 ^h 55'	23 ^h 48'	24 ^h 7'	20 ^h 11'	29 ^h 21'	19 ^h 58'	3 ^h R59'	2 ^h 51'	5 ^h 43'	10 ^h 51'		
M20	19 52 35	27 ^h 52'44"	15 ^h 53'	22 ^h 13'	5 ^h 25'	22 ^h 26'	24 ^h 1'	24 ^h 12'	20 ^h 12'	29 ^h 23'	19 ^h 59'	3 ^h 59'	2 ^h 48'	5 ^h 50'	10 ^h 49'		
T 21	19 56 32	28 ^h 50'01"	28 ^h 57'	23 ^h 37'	6 ^h 35'	22 ^h 57'	24 ^h 13'	24 ^h 17'	20 ^h 13'	29 ^h 25'	20 ^h 0'	3 ^h 57'	2 ^h 45'	5 ^h 57'	10 ^h 47'		
W22	20 0 28	29 ^h 47'17"	12 ^h 01'19"	24 ^h 59'	7 ^h 45'	23 ^h 28'	24 ^h 26'	24 ^h 23'	20 ^h 15'	29 ^h 27'	20 ^h 2'	3 ^h 54'	2 ^h 42'	6 ^h 3'	10 ^h 45'		
T 23	20 4 25	0 ^h 44'34"	25 ^h 56'	26 ^h 18'	8 ^h 55'	23 ^h 59'	24 ^h 39'	24 ^h 28'	20 ^h 16'	29 ^h 29'	20 ^h 3'	3 ^h 51'	2 ^h 38'	6 ^h 10'	10 ^h 43'		
F 24	20 8 21	1 ^h 41'51"	9 ^h 07'47"	27 ^h 35'	10 ^h 5'	24 ^h 30'	24 ^h 51'	24 ^h 33'	20 ^h 17'	29 ^h 31'	20 ^h 4'	3 ^h 47'	2 ^h 35'	6 ^h 17'	10 ^h 41'		
S 25	20 12 18	2 ^h 39'08"	23 ^h 47'	28 ^h 50'	11 ^h 14'	25 ^h 2'	25 ^h 4'	24 ^h 39'	20 ^h 19'	29 ^h 33'	20 ^h 5'	3 ^h 43'	2 ^h 32'	6 ^h 23'	10 ^h 40'		
S 26	20 16 14	3 ^h 36'26"	7 ^h 45'55"	0 ^h 07'2"	12 ^h 24'	25 ^h 34'	25 ^h 16'	24 ^h 44'	20 ^h 20'	29 ^h 35'	20 ^h 6'	3 ^h 40'	2 ^h 29'	6 ^h 30'	10 ^h 38'		
M27	20 20 11	4 ^h 33'43"	22 ^h 7'	1 ^h 12'	13 ^h 33'	26 ^h 6'	25 ^h 28'	24 ^h 50'	20 ^h 22'	29 ^h 37'	20 ^h 7'	3 ^h 38'	2 ^h 26'	6 ^h 37'	10 ^h 37'		
T 28	20 24 8	5 ^h 31'01"	6 ^h 11'19"	2 ^h 20'	14 ^h 43'	26 ^h 38'	25 ^h 40'	24 ^h 56'	20 ^h 23'	29 ^h 39'	20 ^h 8'	3 ^h D37'	2 ^h 23'	6 ^h 43'	10 ^h 35'		
W29	20 28 4	6 ^h 28'19"	20 ^h 31'	3 ^h 24'	15 ^h 52'	27 ^h 11'	25 ^h 53'	25 ^h 2'	20 ^h 25'	29 ^h 41'	20 ^h 9'	3 ^h 38'	2 ^h 19'	6 ^h 50'	10 ^h 34'		
T 30	20 32 1	7 ^h 25'37"	4 ^h 47'40"	4 ^h 26'	17 ^h 2'	27 ^h 43'	26 ^h 5'	25 ^h 7'	20 ^h 27'	29 ^h 43'	20 ^h 10'	3 ^h 39'	2 ^h 16'	6 ^h 57'	10 ^h 33'		
F 31	20 35 57	8 ^h 02'22'56"	18 ^h 47'43"	5 ^h 07'25"	18 ^h 07'11"	28 ^h 41'16"	26 ^h 11'17"	25 ^h 07'13"	20 ^h 28'28"	29 ^h 44'44"	20 ^h 11'11"	3 ^h 34'41"	2 ^h 05'13"	7 ^h 04'32"	10 ^h 32'32"		

Delta T = 16m36s

AUGUST 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	20 39 54	9 ^h 02'15"	2 ^h 34'40"	6 ^h 07'21"	19 ^h 07'20"	28 ^h 44'49"	26 ^h 11'29"	25 ^h 07'19"	20 ^h 43'30"	29 ^h 11'46"	20 ^h 11'12"	3 ^h R41'	2 ^h 05'10"	7 ^h 01'10"	10 ^h 04'30"		
S 2	20 43 50	10 ^h 17'35"	16 ^h 28'	7 ^h 14'	20 ^h 29'	29 ^h 22'	26 ^h 41'	25 ^h 25'	20 ^h 32'	29 ^h 48'	20 ^h 13'	3 ^h 34'41"	2 ^h 7'	7 ^h 17'	10 ^h 07'30"		
M 3	20 47 47	11 ^h 14'55"	0 ^h 33'58"	8 ^h 4'	21 ^h 38'	29 ^h 56'	26 ^h 52'	25 ^h 31'	20 ^h 34'	29 ^h 50'	20 ^h 14'	3 ^h 38'	2 ^h 3'	7 ^h 24'	10 ^h 02'29"		
T 4	20 51 43	12 ^h 12'15"	13 ^h 29'	8 ^h 50'	22 ^h 46'	0 ^h 01'29"	27 ^h 4'	25 ^h 37'	20 ^h 36'	29 ^h 52'	20 ^h 15'	3 ^h 34'	2 ^h 0'	7 ^h 30'	10 ^h 02'28"		
W 5	20 55 40	13 ^h 9'37"	26 ^h 37'	9 ^h 33'	23 ^h 55'	1 ^h 3'	27 ^h 16'	25 ^h 43'	20 ^h 38'	29 ^h 53'	20 ^h 16'	3 ^h 28'	1 ^h 57'	7 ^h 37'	10 ^h 02'27"		
T 6	20 59 37	14 ^h 6'59"	9 ^h 43'30"	10 ^h 13'	25 ^h 4'	1 ^h 37'	27 ^h 27'	25 ^h 50'	20 ^h 39'	29 ^h 55'	20 ^h 17'	3 ^h 22'	1 ^h 54'	7 ^h 44'	10 ^h 02'27"		
F 7	21 3 33	15 ^h 4'22"	22 ^h 6'	10 ^h 48'	26 ^h 12'	2 ^h 11'	27 ^h 39'	25 ^h 56'	20 ^h 42'	29 ^h 57'	20 ^h 17'	3 ^h 15'	1 ^h 51'	7 ^h 50'	10 ^h 02'26"		
S 8	21 7 30	16 ^h 1'46"	4 ^h 47'27"	11 ^h 19'	27 ^h 21'	2 ^h 45'	27 ^h 50'	26 ^h 2'	20 ^h 44'	29 ^h 58'	20 ^h 18'	3 ^h 8'	1 ^h 48'	7 ^h 57'	10 ^h 02'26"		
S 9	21 11 26	16 ^h 59'11"	16 ^h 35'	11 ^h 47'	28 ^h 29'	3 ^h 20'	28 ^h 2'	26 ^h 9'	20 ^h 46'	0 ^h 05'0"	20 ^h 19'	3 ^h 2'	1 ^h 44'	8 ^h 4'	10 ^h 02'26"		
M10	21 15 23	17 ^h 56'37"	28 ^h 33'	12 ^h 9'	29 ^h 37'	3 ^h 54'	28 ^h 13'	26 ^h 15'	20 ^h 48'	0 ^h 2'	20 ^h 20'	2 ^h 59'	1 ^h 41'	8 ^h 11'	10 ^h 02'26"		
T 11	21 19 19	18 ^h 54'04"	10 ^h 32'25"	12 ^h 28'	0 ^h 45'45"	4 ^h 29'	28 ^h 24'	26 ^h 21'	20 ^h 50'	0 ^h 3'	20 ^h 21'	2 ^h 56'	1 ^h 38'	8 ^h 17'	10 ^h 02'25"		
W12	21 23 16	19 ^h 51'33"	22 ^h 17'	12 ^h 41'	1 ^h 53'	5 ^h 4'	28 ^h 35'	26 ^h 28'	20 ^h 52'	0 ^h 5'	20 ^h 22'	2 ^h D56'	1 ^h 35'	8 ^h 24'	10 ^h 02'25"		
T 13	21 27 12	20 ^h 49'03"	4 ^h 11'12"	12 ^h 49'	3 ^h 1'	5 ^h 39'	28 ^h 46'	26 ^h 34'	20 ^h 55'	0 ^h 7'	20 ^h 22'	2 ^h 57'	1 ^h 32'	8 ^h 31'	10 ^h 02'26"		
F 14	21 31 9	21 ^h 46'34"	16 ^h 16'	12 ^h R53'	4 ^h 8'	6 ^h 15'	28 ^h 57'	26 ^h 41'	20 ^h 57'	0 ^h 8'	20 ^h 23'	2 ^h 58'	1 ^h 28'	8 ^h 37'	10 ^h 02'26"		
S 15	21 35 6	22 ^h 44'06"	28 ^h 35'	12 ^h 51'	5 ^h 16'	6 ^h 50'	29 ^h 8'	26 ^h 48'	20 ^h 59'	0 ^h 10'	20 ^h 24'	2 ^h R59'	1 ^h 25'	8 ^h 44'	10 ^h 02'26"		
S 16	21 39 2	23 ^h 41'40"	11 ^h 05'11"	12 ^h 44'													

SWISS EPHEMERIS for the year 2392

SEPTEMBER 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	22 42 7	9 ^h 5'15	22 ^h 31	2°R 3	24 ^h 1	17 ^h 15	1 ^h 56	28 ^h 46	21 ^h 46	0 ^h 32	20 ^h 33	1°R50	0 ^h 31	10 ^h 38	10 ^h 47		
W 2	22 46 3	10° 3'08	5 ^h 21	1 ^h 26	25° 6	17°53	2° 5	28°53	21°49	0°33	20°34	1 ^h 40	0°28	10°44	10°49		
T 3	22 50 0	11° 1'03	17°59	0°54	26°10	18°32	2°14	29° 0	21°52	0°34	20°34	1°28	0°25	10°51	10°51		
F 4	22 53 57	11°58'59	0 ^h 25	0°29	27°14	19°10	2°22	29° 8	21°55	0°35	20°35	1°16	0°22	10°58	10°54		
S 5	22 57 53	12°56'57	12°39	0°11	28°18	19°48	2°31	29°15	21°58	0°36	20°35	1° 4	0°19	11° 5	10°56		
S 6	23 1 50	13°54'56	24°42	0° 1	29°22	20°27	2°39	29°22	22° 1	0°36	20°35	0°54	0°15	11°11	10°58		
M 7	23 5 46	14°52'58	6 ^h 37	29°D59	0 ^h 26	21° 6	2°47	29°29	22° 4	0°37	20°35	0°45	0°12	11°18	11° 1		
T 8	23 9 43	15°51'01	18°28	0° 5	1°29	21°44	2°55	29°37	22° 7	0°38	20°36	0°40	0° 9	11°25	11° 4		
W 9	23 13 39	16°49'06	0 ^h 17	0°20	2°32	22°23	3° 3	29°44	22°11	0°39	20°36	0°37	0° 6	11°31	11° 6		
T 10	23 17 36	17°47'13	12°10	0°44	3°35	23° 2	3°11	29°52	22°14	0°40	20°36	0°35	0° 3	11°38	11° 9		
F 11	23 21 32	18°45'22	24°13	1°16	4°37	23°41	3°19	29°59	22°17	0°41	20°36	0°35	0° 0	11°45	11°12		
S 12	23 25 29	19°43'33	6 ^h 30	1°56	5°40	24°21	3°26	0 ^h 6	22°21	0°41	20°37	0°35	29°II56	11°51	11°15		
S 13	23 29 26	20°41'46	19° 6	2°45	6°42	25° 0	3°34	0°14	22°24	0°42	20°37	0°34	29°53	11°58	11°18		
M 14	23 33 22	21°40'01	2 ^h 7	3°41	7°43	25°40	3°41	0°21	22°27	0°43	20°37	0°31	29°50	12° 5	11°21		
T 15	23 37 19	22°38'18	15°35	4°44	8°45	26°19	3°48	0°29	22°31	0°43	20°37	0°25	29°47	12°11	11°25		
W 16	23 41 15	23°36'36	29°30	5°54	9°46	26°59	3°55	0°36	22°34	0°44	20°37	0°17	29°44	12°18	11°28		
T 17	23 45 12	24°34'57	13 ^h 50	7°10	10°47	27°39	4° 2	0°44	22°38	0°44	20°37	0° 7	29°40	12°25	11°32		
F 18	23 49 8	25°33'19	28°30	8°32	11°48	28°19	4° 8	0°51	22°41	0°45	20°37	29°II55	29°37	12°31	11°35		
S 19	23 53 5	26°31'43	13 ^h 23	9°59	12°48	28°59	4°15	0°59	22°44	0°45	20°37	29°44	29°34	12°38	11°39		
S 20	23 57 1	27°30'09	28°18	11°31	13°48	29°39	4°21	1° 6	22°48	0°46	20°R37	29°34	29°31	12°45	11°42		
M 21	0 0 58	28°28'37	13 ^h 8	13° 6	14°47	0 ^h 19	4°27	1°14	22°52	0°46	20°37	29°27	29°28	12°52	11°46		
T 22	0 4 55	29°27'06	27°46	14°45	15°47	1° 0	4°34	1°21	22°55	0°47	20°37	29°22	29°25	12°58	11°50		
W 23	0 8 51	0 ^h 25'37	12 ^h 6	16°27	16°45	1°40	4°39	1°29	22°59	0°47	20°37	29°20	29°21	13° 5	11°54		
T 24	0 12 48	1°24'10	26° 7	18°12	17°44	2°21	4°45	1°36	23° 2	0°48	20°37	29°20	29°18	13°12	11°58		
F 25	0 16 44	2°22'44	9 ^h 49	19°58	18°42	3° 2	4°51	1°44	23° 6	0°48	20°37	29°20	29°15	13°18	12° 2		
S 26	0 20 41	3°21'19	23°13	21°46	19°39	3°43	4°56	1°51	23° 9	0°48	20°37	29°19	29°12	13°25	12° 6		
S 27	0 24 37	4°19'57	6 ^h 22	23°35	20°37	4°24	5° 1	1°59	23°13	0°48	20°37	29°16	29° 9	13°32	12°11		
M 28	0 28 34	5°18'36	19°17	25°25	21°33	5° 5	5° 6	2° 6	23°17	0°49	20°37	29°10	29° 6	13°38	12°15		
T 29	0 32 30	6°17'16	2 ^h 0	27°15	22°30	5°46	5°11	2°14	23°20	0°49	20°36	29° 1	29° 2	13°45	12°20		
W 30	0 36 27	7°15'59	14 ^h 32	29 ^h 6	23 ^h 25	6 ^h 27	5 ^h 16	2°21	23°24	0 ^h 49	20°II36	28°II50	28°II59	13 ^h 52	12 ^h 24		

Delta T = 16m36s

OCTOBER 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	0 40 24	8 ^h 14'43	26 ^h 54	0 ^h 57	24 ^h 21	7 ^h 9	5 ^h 20	2 ^h 28	23 ^h 28	0 ^h 49	20°R36	28°R37	28°II56	13 ^h 58	12 ^h 29		
F 2	0 44 20	9°13'29	9 ^h 8	2°47	25°15	7°50	5°25	2°36	23°31	0°49	20°II36	28°II24	28°53	14° 5	12°33		
S 3	0 48 17	10°12'17	21°13	4°37	26°10	8°32	5°29	2°43	23°35	0°R49	20°35	28°10	28°50	14°12	12°38		
S 4	0 52 13	11°11'07	3 ^h 10	6°27	27° 3	9°13	5°33	2°51	23°39	0°49	20°35	27°59	28°46	14°18	12°43		
M 5	0 56 10	12° 9'59	15° 2	8°16	27°56	9°55	5°37	2°58	23°43	0°49	20°35	27°49	28°43	14°25	12°48		
T 6	1 0 6	13° 8'54	26°50	10° 5	28°49	10°37	5°40	3° 6	23°46	0°49	20°34	27°42	28°40	14°32	12°53		
W 7	1 4 3	14° 7'50	8 ^h 38	11°53	29°41	11°19	5°44	3°13	23°50	0°49	20°34	27°38	28°37	14°38	12°58		
T 8	1 7 59	15° 6'49	20°30	13°40	0 ^h 32	12° 1	5°47	3°21	23°54	0°49	20°34	27°37	28°34	14°45	13° 3		
F 9	1 11 56	16° 5'50	2 ^h 31	15°26	1°22	12°43	5°50	3°28	23°58	0°49	20°33	27°D37	28°31	14°52	13° 8		
S 10	1 15 52	17° 4'53	14°45	17°12	2°12	13°25	5°53	3°35	24° 1	0°48	20°33	27°R37	28°27	14°59	13°13		
S 11	1 19 49	18° 3'59	27°18	18°57	3° 1	14° 8	5°56	3°43	24° 5	0°48	20°32	27°37	28°24	15° 5	13°19		
M 12	1 23 46	19° 3'07	10 ^h 15	20°41	3°50	14°50	5°58	3°50	24° 9	0°48	20°32	27°35	28°21	15°12	13°24		
T 13	1 27 42	20° 2'17	23°40	22°25	4°37	15°33	6° 0	3°57	24°13	0°48	20°32	27°31	28°18	15°19	13°29		
W 14	1 31 39	21° 1'29	7 ^h 35	24° 7	5°24	16°15	6° 3	4° 5	24°16	0°47	20°31	27°24	28°15	15°25	13°35		
T 15	1 35 35	22° 0'44	21°59	25°49	6°10	16°58	6° 4	4°12	24°20	0°47	20°31	27°15	28°11	15°32	13°40		
F 16	1 39 32	23° 0'01	6 ^h 47	27°30	6°55	17°41	6° 6	4°19	24°24	0°46	20°30	27° 5	28° 8	15°39	13°46		
S 17	1 43 28	23°59'20	21°53	29°10	7°40	18°24	6° 8	4°26	24°28	0°46	20°29	26°56	28° 5	15°45	13°52		
S 18	1 47 25	24°58'41	7 ^h 6	0 ^h 50	8°23	19° 7	6° 9	4°34	24°32	0°46	20°29	26°47	28° 2	15°52	13°57		
M 19	1 51 21	25°58'04	22°16	2°28	9° 5	19°50	6°10	4°41	24°35	0°45	20°28	26°41	27°59	15°59	14° 3		
T 20	1 55 18	26°57'28	7 ^h 12	4° 6	9°46	20°33	6°11	4°48	24°39	0°45	20°28	26°37	27°56	16° 5	14° 9		
W 21	1 59 15	27°56'55	21°49	5°44	10°26	21°16	6°12	4°55	24°43	0°44	20°27	26°D35	27°52	16°12	14°15		
T 22	2 3 11	28°56'24	6 ^h 2	7°20	11° 5	22° 0	6°12	5° 2	24°47	0°43	20°26	26°35	27°49	16°19	14°21		
F 23	2 7 8	29°55'54	19°50	8°56	11°43	22°43	6°13	5° 9	24°51	0°43	20°26	26°36	27°46	16°25	14°27		
S 24	2 11 4	0 ^h 55'26	3 ^h 15	10°32	12°20	23°26	6°R13	5°16	24°54	0°42	20°25	26°R37	27°43	16°32	14°33		
S 25	2 15 1	1°54'59	16°18	12° 7	12°55	24°10	6°13	5°23	24°58	0°41	20°24	26°35	27°40	16°39	14°39		
M 26	2 18 57	2°54'35	29° 4	13°41	13°29	24°54	6°13	5°30	25° 2	0°41	20°24	26°32	27°37	16°45	14°45		
T 27	2 22 54	3°54'12	11 ^h 35	15°14	14° 2	25°37	6°12	5°37	25° 6	0°40	20°23	26°27	27°33	16°52	14°51		
W 28	2 26 50	4°53'50	23°54	16°47	14°33	26°21	6°11	5°44	25° 9	0°39	20°22	26°19	27°30	16°59	14°58		
T 29	2 30 47	5°53'31	6 ^h 4	18°19	15° 3	27° 5	6°11	5°51	25°13	0°38	20°21	26°10	27°27	17° 5	15° 4		
F 30	2 34 44	6°53'13	18° 6	19°51	15°31	27°49	6°10	5°58	25°17	0°38	20°21	26° 0	27°24	17°12	15°10		
S 31	2 38 40	7 ^h 52'57	0 ^h 3	21 ^h 22	15 ^h 57	28 ^h 33	6 ^h 8	6 ^h 4	25 ^h 21	0 ^h 37	20°II20	25°II51	27°II21	17 ^h 19	15 ^h 17		

Delta T = 16m36s

created from Swiss Ephemeris, Copyright AstroDienst AG [4.12.2006]

SWISS EPHEMERIS for the year 2392

NOVEMBER 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	2 42 37	8♏52'43	11♌55	22♏53	16♌22	29♌17	6°R 7	6♏11	25♏24	0°R36	20°R19	25°R42	27♏17	17♌25	15♌23								
M 2	2 46 33	9°52'31	23°45	24°23	16°45	0♌1	6♏5	6°18	25°28	0♌35	20♏18	25♏36	27°14	17°32	15°30								
T 3	2 50 30	10°52'21	5♏33	25°53	17° 7	0°46	6° 3	6°24	25°32	0°34	20°17	25°31	27°11	17°39	15°36								
W 4	2 54 26	11°52'13	17°24	27°22	17°26	1°30	6° 1	6°31	25°35	0°33	20°17	25°29	27° 8	17°46	15°43								
T 5	2 58 23	12°52'08	29°19	28°50	17°44	2°14	5°59	6°38	25°39	0°32	20°16	25°D29	27° 5	17°52	15°49								
F 6	3 2 19	13°52'04	11♌21	0♌18	17°59	2°59	5°57	6°44	25°43	0°31	20°15	25°30	27° 2	17°59	15°56								
S 7	3 6 16	14°52'03	23°36	1°45	18°13	3°43	5°54	6°51	25°46	0°30	20°14	25°31	26°58	18° 6	16° 3								
S 8	3 10 13	15°52'03	6♏ 8	3°12	18°24	4°28	5°51	6°57	25°50	0°29	20°13	25°33	26°55	18°12	16°10								
M 9	3 14 9	16°52'06	19° 1	4°38	18°34	5°13	5°48	7° 3	25°54	0°28	20°12	25°R33	26°52	18°19	16°16								
T 10	3 18 6	17°52'11	2♏18	6° 3	18°41	5°58	5°45	7°10	25°57	0°27	20°11	25°32	26°49	18°26	16°23								
W11	3 22 2	18°52'17	16° 4	7°28	18°45	6°42	5°41	7°16	26° 1	0°25	20°10	25°29	26°46	18°32	16°30								
T 12	3 25 59	19°52'26	0♏18	8°52	18°48	7°27	5°38	7°22	26° 4	0°24	20° 9	25°25	26°43	18°39	16°37								
F 13	3 29 55	20°52'37	14°58	10°15	18°R48	8°12	5°34	7°28	26° 8	0°23	20° 8	25°20	26°39	18°46	16°44								
S 14	3 33 52	21°52'50	29°59	11°37	18°46	8°57	5°30	7°34	26°11	0°22	20° 7	25°15	26°36	18°52	16°51								
S 15	3 37 48	22°53'05	15♏13	12°58	18°41	9°42	5°26	7°40	26°15	0°20	20° 6	25°11	26°33	18°59	16°58								
M16	3 41 45	23°53'22	0♌28	14°19	18°34	10°27	5°21	7°46	26°18	0°19	20° 5	25° 7	26°30	19° 6	17° 5								
T 17	3 45 42	24°53'40	15°36	15°38	18°25	11°13	5°17	7°52	26°22	0°18	20° 4	25° 6	26°27	19°12	17°12								
W18	3 49 38	25°54'00	0♌27	16°56	18°13	11°58	5°12	7°58	26°25	0°17	20° 3	25°D 5	26°23	19°19	17°19								
T 19	3 53 35	26°54'22	14°54	18°12	17°58	12°43	5° 7	8° 4	26°29	0°15	20° 2	25° 6	26°20	19°26	17°26								
F 20	3 57 31	27°54'45	28°55	19°27	17°41	13°29	5° 2	8°10	26°32	0°14	20° 1	25° 8	26°17	19°32	17°33								
S 21	4 1 28	28°55'09	12♌29	20°40	17°22	14°14	4°57	8°15	26°35	0°13	20° 0	25° 9	26°14	19°39	17°40								
S 22	4 5 24	29°55'34	25°37	21°50	17° 1	15° 0	4°52	8°21	26°39	0°11	19°59	25°R10	26°11	19°46	17°47								
M23	4 9 21	0♌56'01	8♌23	22°59	16°37	15°45	4°46	8°26	26°42	0°10	19°58	25°10	26° 8	19°52	17°54								
T 24	4 13 17	1°56'29	20°51	24° 5	16°12	16°31	4°40	8°32	26°45	0° 8	19°57	25° 9	26° 4	19°59	18° 2								
W25	4 17 14	2°56'59	3♏ 4	25° 8	15°44	17°17	4°34	8°37	26°49	0° 7	19°56	25° 6	26° 1	20° 6	18° 9								
T 26	4 21 11	3°57'29	15° 6	26° 8	15°15	18° 2	4°28	8°43	26°52	0° 5	19°55	25° 3	25°58	20°12	18°16								
F 27	4 25 7	4°58'01	27° 2	27° 4	14°43	18°48	4°22	8°48	26°55	0° 4	19°54	25° 0	25°55	20°19	18°23								
S 28	4 29 4	5°58'34	8♌53	27°55	14°11	19°34	4°16	8°53	26°58	0° 2	19°53	24°56	25°52	20°26	18°31								
S 29	4 33 0	6°59'09	20°42	28°42	13°37	20°20	4°10	8°58	27° 1	0° 1	19°51	24°54	25°48	20°32	18°38								
M30	4 36 57	7♌59'45	2♏32	29♌23	13♌ 2	21♌ 6	4♌ 3	9♏ 3	27♏ 4	29♏59	19♏50	24♏51	25♏45	20♌39	18♌45								

Delta T = 16m37s

DECEMBER 2392

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	4 40 53	9♌ 0'22	14♏25	29♌58	12°R27	21♌52	3°R56	9♏ 8	27♏ 8	29°R58	19°R49	24°R50	25♏42	20♌46	18♌52								
W 2	4 44 50	10° 1'01	26°22	0♌26	11♌50	22°38	3♌49	9°13	27°11	29♏56	19♏48	24°D50	25°39	20°52	19° 0								
T 3	4 48 46	11° 1'41	8♌26	0°47	11°14	23°24	3°43	9°18	27°14	29°55	19°47	24♏50	25°36	20°59	19° 7								
F 4	4 52 43	12° 2'23	20°39	0°59	10°37	24°10	3°35	9°23	27°17	29°53	19°46	24°51	25°33	21° 6	19°14								
S 5	4 56 40	13° 3'06	3♏ 3	1°R 2	10° 1	24°56	3°28	9°27	27°20	29°51	19°45	24°52	25°29	21°12	19°22								
S 6	5 0 36	14° 3'51	15°41	0°54	9°25	25°43	3°21	9°32	27°22	29°50	19°44	24°54	25°26	21°19	19°29								
M 7	5 4 33	15° 4'37	28°35	0°36	8°50	26°29	3°14	9°36	27°25	29°48	19°42	24°54	25°23	21°26	19°36								
T 8	5 8 29	16° 5'24	11♏50	0° 8	8°16	27°15	3° 6	9°41	27°28	29°46	19°41	24°R55	25°20	21°32	19°44								
W 9	5 12 26	17° 6'13	25°27	29♌27	7°43	28° 1	2°59	9°45	27°31	29°45	19°40	24°55	25°17	21°39	19°51								
T 10	5 16 22	18° 7'03	9♏26	28°37	7°11	28°48	2°51	9°49	27°34	29°43	19°39	24°54	25°14	21°46	19°58								
F 11	5 20 19	19° 7'55	23°48	27°36	6°41	29°34	2°43	9°53	27°36	29°42	19°38	24°54	25°10	21°52	20° 6								
S 12	5 24 15	20° 8'48	8♏30	26°26	6°13	0♌21	2°36	9°57	27°39	29°40	19°37	24°53	25° 7	21°59	20°13								
S 13	5 28 12	21° 9'43	23°26	25° 9	5°47	1° 7	2°28	10° 1	27°42	29°38	19°35	24°53	25° 4	22° 6	20°20								
M14	5 32 9	22°10'38	8♌29	23°48	5°23	1°54	2°20	10° 5	27°44	29°37	19°34	24°52	25° 1	22°12	20°28								
T 15	5 36 5	23°11'35	23°30	22°25	5° 1	2°40	2°12	10° 9	27°47	29°35	19°33	24°D52	24°58	22°19	20°35								
W16	5 40 2	24°12'33	8♌21	21° 3	4°41	3°27	2° 4	10°13	27°49	29°33	19°32	24°52	24°55	22°26	20°42								
T 17	5 43 58	25°13'31	22°54	19°45	4°23	4°14	1°56	10°16	27°52	29°31	19°31	24°R52	24°51	22°32	20°50								
F 18	5 47 55	26°14'31	7♌ 4	18°33	4° 8	5° 0	1°48	10°20	27°54	29°30	19°30	24°52	24°48	22°39	20°57								
S 19	5 51 51	27°15'30	20°48	17°29	3°55	5°47	1°39	10°23	27°57	29°28	19°29	24°52	24°45	22°46	21° 4								
S 20	5 55 48	28°16'31	4♌ 5	16°34	3°45	6°34	1°31	10°27	27°59	29°26	19°27	24°52	24°42	22°52	21°12								
M21	5 59 45	29°17'31	16°58	15°51	3°37	7°21	1°23	10°30	28° 1	29°25	19°26	24°51	24°39	22°59	21°19								
T 22	6 3 41	0♌18'33	29°29	15°18	3°32	8° 8	1°15	10°33	28° 4	29°23	19°25	24°D51	24°35	23° 6	21°26								
W23	6 7 38	1°19'34	11♏42	14°57	3°29	8°54	1° 7	10°36	28° 6	29°21	19°24	24°51	24°32	23°12	21°34								
T 24	6 11 34	2°20'36	23°43	14°46	3°D29	9°41	0°59	10°39	28° 8	29°20	19°23	24°52	24°29	23°19	21°41								
F 25	6 15 31	3°21'39	5♌36	14°D45	3°31	10°28	0°51	10°42	28°10	29°18	19°22	24°53	24°26	23°26	21°48								
S 26	6 19 27	4°22'42	17°24	14°55	3°35	11°15	0°42	10°45	28°12	29°16	19°21	24°54	24°23	23°32	21°55								
S 27	6 23 24	5°23'45	29°13	15°12	3°42	12° 2	0°34	10°47	28°14	29°14	19°20	24°55	24°20	23°39	22° 2								
M28	6 27 20	6°24'49	11♏ 6	15°38	3°51	12°49	0°26	10°50	28°16	29°13	19°19	24°56	24°16	23°46	22°10								
T 29	6 31 17	7°25'53	23° 5	16°11	4° 3	13°36	0°18	10°52	28°18	29°11	19°17	24°R56	24°13	23°52	22°17								
W30	6 35 14	8°26'57	5♌12	16°51	4°16	14°23	0°10	10°54	28°20	29° 9	19°16	24°56	24°10	23°59	22°24								
T 31	6 39 10	9♌28'02	17♌30	17♌36	4♌32	15♌10	0♌ 2	10♏57	28♏22	29♏ 8	19♏15	24♏55	24♏ 7	24♌ 6	22♌31								

Delta T = 16m37s

created from Swiss Ephemeris, Copyright AstroDienst AG [4.12.2006]