

SWISS EPHEMERIS for the year 1442

JANUARY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
M 1	7 15 57	19°31'14	11°26'26	1°58'58	8°57'59	7°R53	2°V26	26°R49	7°R33	10°R18	21°R38	26°E24	26°E54	29°M29	20°V48									
T 2	7 19 54	20°32'19	24°25	3°38	10°11	7°Q32	2°35	26°B47	7°II31	10°M17	21°E37	26°25	26°51	29°36	20°49									
W 3	7 23 50	21°33'23	7°51	5°17	11°23	7°11	2°44	26°45	7°29	10°16	21°35	26°26	26°47	29°43	20°49									
T 4	7 27 47	22°34'28	19°19	6°55	12°35	6°49	2°52	26°44	7°28	10°15	21°34	26°R26	26°44	29°49	20°50									
F 5	7 31 43	23°35'32	1°M23	8°32	13°47	6°27	3° 1	26°42	7°26	10°14	21°33	26°26	26°41	29°56	20°51									
S 6	7 35 40	24°36'35	13°19	10° 8	14°59	6° 4	3°11	26°41	7°25	10°13	21°31	26°26	26°38	0°A 3	20°52									
S 7	7 39 36	25°37'38	25° 9	11°42	16°11	5°41	3°20	26°39	7°23	10°12	21°30	26°25	26°35	0° 9	20°53									
M 8	7 43 33	26°38'40	7°A 0	13°14	17°23	5°18	3°29	26°38	7°22	10°11	21°29	26°D25	26°32	0°16	20°54									
T 9	7 47 29	27°39'42	18°54	14°43	18°36	4°55	3°39	26°37	7°20	10°10	21°27	26°25	26°28	0°23	20°55									
W10	7 51 26	28°40'43	0°B56	16° 9	19°48	4°31	3°49	26°36	7°19	10° 8	21°26	26°26	26°25	0°30	20°56									
T 11	7 55 23	29°41'43	13° 7	17°30	21° 0	4° 7	3°58	26°35	7°18	10° 7	21°25	26°26	26°22	0°36	20°57									
F 12	7 59 19	0°A24'43	25°29	18°48	22°13	3°43	4° 8	26°34	7°16	10° 6	21°24	26°R26	26°19	0°43	20°58									
S 13	8 3 16	1°43'41	8°5 5	20° 0	23°25	3°19	4°18	26°33	7°15	10° 5	21°22	26°26	26°16	0°50	20°59									
S 14	8 7 12	2°44'38	20°54	21° 6	24°38	2°55	4°29	26°33	7°14	10° 4	21°21	26°25	26°13	0°56	21° 1									
M15	8 11 9	3°45'34	3°K57	22° 5	25°51	2°31	4°39	26°32	7°13	10° 2	21°20	26°25	26° 9	1° 3	21° 2									
T 16	8 15 5	4°46'29	17°13	22°57	27° 3	2° 7	4°49	26°32	7°12	10° 1	21°18	26°24	26° 6	1°10	21° 3									
W17	8 19 2	5°47'23	0°V42	23°41	28°16	1°43	5° 0	26°32	7°11	10° 0	21°17	26°22	26° 3	1°16	21° 5									
T 18	8 22 58	6°48'15	14°24	24°15	29°29	1°19	5°11	26°32	7°10	9°58	21°16	26°21	26° 0	1°23	21° 6									
F 19	8 26 55	7°49'05	28°17	24°39	0°B41	0°56	5°21	26°D32	7° 9	9°57	21°14	26°21	25°57	1°30	21° 8									
S 20	8 30 52	8°49'54	12°B21	24°53	1°54	0°33	5°32	26°32	7° 8	9°56	21°13	26°D21	25°53	1°37	21°10									
S 21	8 34 48	9°50'42	26°34	24°R56	3° 7	0°10	5°43	26°32	7° 7	9°54	21°12	26°21	25°50	1°43	21°11									
M22	8 38 45	10°51'28	10°II54	24°49	4°20	29°E47	5°54	26°32	7° 7	9°53	21°11	26°22	25°47	1°50	21°13									
T 23	8 42 41	11°52'12	25°18	24°30	5°33	29°25	6° 5	26°33	7° 6	9°52	21° 9	26°23	25°44	1°57	21°15									
W24	8 46 38	12°52'55	9°E42	24° 1	6°46	29° 3	6°17	26°33	7° 5	9°50	21° 8	26°24	25°41	2° 3	21°17									
T 25	8 50 34	13°53'37	24° 1	23°22	7°59	28°42	6°28	26°34	7° 5	9°49	21° 7	26°R25	25°38	2°10	21°19									
F 26	8 54 31	14°54'17	8°Q12	22°35	9°12	28°21	6°39	26°35	7° 4	9°47	21° 6	26°25	25°34	2°17	21°21									
S 27	8 58 27	15°54'55	22° 9	21°39	10°25	28° 1	6°51	26°36	7° 4	9°46	21° 5	26°23	25°31	2°23	21°23									
S 28	9 2 24	16°55'32	5°M49	20°38	11°38	27°41	7° 3	26°37	7° 3	9°44	21° 3	26°21	25°28	2°30	21°25									
M29	9 6 21	17°56'07	19° 9	19°32	12°51	27°22	7°14	26°38	7° 3	9°43	21° 2	26°18	25°25	2°37	21°27									
T 30	9 10 17	18°56'41	2°A 8	18°24	14° 4	27° 3	7°26	26°39	7° 3	9°41	21° 1	26°14	25°22	2°44	21°29									
W31	9 14 14	19°57'14	14°Q48	17°51	15°B17	26°E45	7°V38	26°B40	7°II 2	9°M40	21°E 0	26°E11	25°E18	2°A50	21°V31									

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s 5	10n45	3n45	21s36	1s52	19s50	2n 3	22n27	4n15	0s11	1s16	17n35	1s58	21n37	0s 1	8n40	1n 1	24n30	2n47	20n56	20n50	15s52	8n18	0n10
T 2	21 56	6 21	4 29	21 9	1 48	20 3	2 1	22 34	4 16	0 8	1 16	17 35	1 58	21 36	0 1	8 41	1 1	24 31	2 47	20 56	20 51	15 54	8 18	0 10
W 3	21 47	1 47	5 0	20 40	1 42	20 15	1 59	22 41	4 18	0 4	1 16	17 35	1 58	21 36	0 1	8 41	1 1	24 31	2 47	20 56	20 52	15 55	8 18	0 10
T 4	21 37	2s43	5 15	20 9	1 36	20 27	1 56	22 48	4 19	0 0	1 15	17 35	1 58	21 36	0 1	8 42	1 1	24 31	2 47	20 56	20 52	15 57	8 18	0 10
F 5	21 27	7 3	5 16	19 38	1 30	20 39	1 54	22 55	4 21	0n 3	1 15	17 35	1 57	21 36	0 1	8 42	1 1	24 32	2 47	20 56	20 53	15 59	8 19	0 10
S 6	21 16	11 3	5 4	19 5	1 22	20 49	1 51	23 2	4 22	0 7	1 15	17 34	1 57	21 35	0 1	8 42	1 1	24 32	2 47	20 56	20 53	16 1	8 19	0 9
S 7	21 5 14	36 4	39 18	31 1	14 21	0 1	48 23	9 4	23 0	11 1	15 17	34 1	57 21	35 0	1	8 43	1 1	24 32	2 47	20 56	20 54	16 3	8 19	0 9
M 8	20 53	17 34	4 1	17 56	1 5	21 10	1 46	23 16	4 24	0 15	1 14	17 34	1 56	21 35	0 1	8 43	1 1	24 32	2 47	20 56	20 55	16 5	8 19	0 9
T 9	20 41	19 50	3 14	17 21	0 55	21 19	1 43	23 23	4 25	0 19	1 14	17 34	1 56	21 35	0 1	8 44	1 1	24 33	2 47	20 56	20 55	16 7	8 20	0 9
W10	20 29	21 13	2 17	16 45	0 44	21 27	1 40	23 30	4 26	0 23	1 14	17 34	1 56	21 34	0 1	8 44	1 1	24 33	2 47	20 56	20 56	16 8	8 20	0 9
T 11	20 17	21 39	1 13	16 9	0 32	21 35	1 37	23 36	4 27	0 27	1 14	17 34	1 56	21 34	0 1	8 45	1 1	24 33	2 47	20 56	20 56	16 10	8 20	0 9
F 12	20 3 21	1 0	5 15	33 0	20 21	43 1	34 23	43 4	28 0	32 1	14 17	35 1	55 21	34 0	1	8 45	1 2	24 34	2 47	20 56	20 57	16 12	8 21	0 9
S 13	19 50	19 20	1s 4	14 58	0 6	21 50	1 31	23 49	4 28	0 36	1 13	17 35	1 55	21 34	0 1	8 46	1 2	24 34	2 47	20 56	20 58	16 14	8 21	0 9
S 14	19 36	16 39	2 12	14 23	0n 8	21 56	1 28	23 55	4 29	0 40	1 13	17 35	1 55	21 34	0 1	8 46	1 2	24 34	2 47	20 56	20 58	16 16	8 21	0 9
M15	19 22	13 5	3 13	13 50	0 23	22 1	1 25	24 1	4 29	0 44	1 13	17 35	1 55	21 34	0 1	8 47	1 2	24 34	2 48	20 56	20 59	16 18	8 22	0 9
T 16	19 8 8	8 50	4 6	13 18	0 39	22 6	1 22	24 7	4 29	0 49	1 13	17 35	1 54	21 33	0 1	8 47	1 2	24 35	2 48	20 56	21 0	16 20	8 22	0 9
W17	18 53	4 5	4 46	12 48	0 55	22 11	1 19	24 13	4 30	0 53	1 12	17 35	1 54	21 33	0 1	8 48	1 2	24 35	2 48	20 56	21 0	16 21	8 23	0 8
T 18	18 38	0n56	5 10	12 21	1 12	22 15	1 16	24 18	4 30	0 57	1 12	17 36	1 54	21 33	0 1	8 48	1 2	24 35	2 48	20 57	21 1	16 23	8 23	0 8
F 19	18 22	5 58	5 17	11 57	1 29	22 18	1 13	24 23	4 29	1 2	1 12	17 36	1 53	21 33	0 1	8 49	1 2	24 35	2 48	20 57	21 1	16 25	8 24	0 8
S 20	18 6 10	45 5	5 11	36 1	46 22	20 1	10 24	28 4	29 1	6 1	12 17	36 1	53 21	33 0	1	8 49	1 2	24 36	2 48	20 57	21 2	16 27	8 24	0 8
S 21	17 50	15 0	4 34	11 19	2 3	22 22	1 7	24 33	4 29	1 11	1 12	17 36	1 53	21 33	0 1	8 50	1 2	24 36	2 48	20 57	21 2	16 29	8 25	0 8
M22	17 34	18 25	3 46	11 6	2 19	22 23	1 3	24 38	4 29	1 15	1 11	17 37	1 53	21 33	0 1	8 50	1 2	24 36	2 48	20 56	21 3	16 31	8 25	0 8
T 23	17 17	20 42	2 44	10 57	2 35	22 23	1 0	24 42	4 28	1 20	1 11	17 37	1 52	21 32	0 1	8 51	1 2	24 36	2 48	20 56	21 4	16 32	8 26	0 8

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FEBRUARY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	9 18 10	20°57'46	27°59' 9	16°R 8	16°R30	26°R28	7°V50	26°R42	7°R 2	9°R38	20°R59	26°R 8	25°R15	2°R57	21°V33
F 2	9 22 7	21°58'16	9°M17	15°R 3	17°43	26°R11	8° 2	26°43	7°II 2	9°M37	20°R58	26°R 6	25°12	3° 4	21°36
S 3	9 26 3	22°58'44	21°13	14° 2	18°57	25°55	8°14	26°45	7° 2	9°35	20°57	26°D 5	25° 9	3°10	21°38
S 4	9 30 0	23°59'12	3°R 5	13° 6	20°10	25°40	8°27	26°47	7° 2	9°33	20°55	26° 5	25° 6	3°17	21°41
M 5	9 33 56	24°59'38	14°56	12°17	21°23	25°25	8°39	26°49	7°D 2	9°32	20°54	26° 7	25° 3	3°24	21°43
T 6	9 37 53	26° 0'03	26°51	11°34	22°36	25°12	8°51	26°51	7° 2	9°30	20°53	26° 8	24°59	3°30	21°45
W 7	9 41 50	27° 0'26	8°R55	10°58	23°50	24°59	9° 4	26°53	7° 2	9°29	20°52	26°10	24°56	3°37	21°48
T 8	9 45 46	28° 0'48	21°13	10°30	25° 3	24°46	9°16	26°55	7° 2	9°27	20°51	26°R11	24°53	3°44	21°51
F 9	9 49 43	29° 1'08	3°R46	10° 9	26°16	24°35	9°29	26°57	7° 2	9°25	20°50	26°11	24°50	3°50	21°53
S 10	9 53 39	0°R127	16°38	9°55	27°30	24°24	9°42	27° 0	7° 2	9°24	20°49	26° 9	24°47	3°57	21°56
S 11	9 57 36	1° 1'43	29°48	9°48	28°43	24°14	9°54	27° 2	7° 3	9°22	20°48	26° 6	24°44	4° 4	21°59
M12	10 1 32	2° 1'58	13°R16	9°D48	29°57	24° 5	10° 7	27° 5	7° 3	9°20	20°47	26° 1	24°40	4°11	22° 1
T 13	10 5 29	3° 2'11	27° 0	9°55	1°R10	23°57	10°20	27° 8	7° 3	9°19	20°46	25°55	24°37	4°17	22° 4
W14	10 9 25	4° 2'22	10°V56	10° 7	2°23	23°50	10°33	27°11	7° 4	9°17	20°45	25°48	24°34	4°24	22° 7
T 15	10 13 22	5° 2'31	25° 1	10°25	3°37	23°43	10°46	27°13	7° 4	9°15	20°45	25°43	24°31	4°31	22°10
F 16	10 17 18	6° 2'38	9°R11	10°49	4°50	23°37	10°59	27°17	7° 5	9°14	20°44	25°38	24°28	4°37	22°13
S 17	10 21 15	7° 2'43	23°22	11°17	6° 4	23°32	11°12	27°20	7° 6	9°12	20°43	25°36	24°24	4°44	22°16
S 18	10 25 12	8° 2'46	7°II32	11°50	7°17	23°28	11°26	27°23	7° 6	9°10	20°42	25°D35	24°21	4°51	22°19
M19	10 29 8	9° 2'46	21°40	12°28	8°31	23°24	11°39	27°26	7° 7	9° 9	20°41	25°35	24°18	4°57	22°22
T 20	10 33 5	10° 2'45	5°R43	13° 9	9°44	23°21	11°52	27°30	7° 8	9° 7	20°40	25°37	24°15	5° 4	22°25
W21	10 37 1	11° 2'41	19°41	13°55	10°57	23°19	12° 6	27°33	7° 9	9° 5	20°39	25°R38	24°12	5°11	22°28
T 22	10 40 58	12° 2'35	3°R32	14°43	12°11	23°18	12°19	27°37	7° 9	9° 4	20°39	25°37	24° 9	5°17	22°31
F 23	10 44 54	13° 2'26	17°15	15°36	13°24	23°D18	12°33	27°41	7°10	9° 2	20°38	25°35	24° 5	5°24	22°34
S 24	10 48 51	14° 2'16	0°M48	16°31	14°38	23°18	12°46	27°45	7°11	9° 0	20°37	25°31	24° 2	5°31	22°37
S 25	10 52 47	15° 2'03	14° 8	17°29	15°51	23°19	13° 0	27°49	7°12	8°59	20°37	25°24	23°59	5°38	22°41
M26	10 56 44	16° 1'49	27°14	18°30	17° 5	23°21	13°13	27°53	7°14	8°57	20°36	25°16	23°56	5°44	22°44
T 27	11 0 41	17° 1'32	10°R5	19°33	18°19	23°23	13°27	27°57	7°15	8°55	20°35	25° 6	23°53	5°51	22°47
W28	11 4 37	18°R114	22°R39	20°R39	19°R32	23°R26	13°V41	28°R 1	7°II16	8°M54	20°R35	24°R57	23°R50	5°R58	22°V50

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s33	5s36	5n14	12s29	3n44	21s58	0n31	25n10	4n19	2n 3	1s10	17n42	1s50	21n32	0s 1
F 2	14 14	9 47	5 6	12 51	3 40	21 52	0 28	25 12	4 18	2 8	1 10	17 42	1 50	21 32	0 1
S 3	13 54	13 32	4 45	13 14	3 35	21 46	0 25	25 14	4 17	2 13	1 9	17 43	1 49	21 32	0 1
S 4	13 34	16 43	4 11	13 36	3 28	21 38	0 21	25 15	4 15	2 18	1 9	17 44	1 49	21 32	0 1
M 5	13 14	19 13	3 27	13 58	3 19	21 30	0 18	25 16	4 14	2 23	1 9	17 44	1 49	21 32	0 1
T 6	12 53	20 54	2 34	14 20	3 10	21 22	0 15	25 17	4 12	2 28	1 9	17 45	1 48	21 32	0 1
W 7	12 33	21 40	1 33	14 40	2 59	21 12	0 12	25 18	4 10	2 33	1 9	17 46	1 48	21 32	0 1
T 8	12 12	21 23	0 27	14 59	2 47	21 3	0 9	25 19	4 9	2 38	1 9	17 47	1 48	21 32	0 1
F 9	11 51	20 2	0s41	15 17	2 34	20 52	0 6	25 19	4 7	2 43	1 8	17 47	1 48	21 32	0 1
S 10	11 30	17 38	1 49	15 33	2 21	20 41	0 3	25 19	4 5	2 48	1 8	17 48	1 47	21 32	0 1
S 11	11 8	14 16	2 53	15 47	2 8	20 29	0s 1	25 19	4 3	2 54	1 8	17 49	1 47	21 32	0 1
M12	10 47	10 6	3 48	16 0	1 55	20 17	0 4	25 19	4 1	2 59	1 8	17 50	1 47	21 32	0 1
T 13	10 25	5 21	4 32	16 11	1 41	20 4	0 7	25 19	4 0	3 4	1 8	17 51	1 47	21 32	0 1
W14	10 3	0 15	5 0	16 21	1 28	19 50	0 10	25 18	3 58	3 9	1 8	17 52	1 46	21 32	0 1
T 15	9 41	4n54	5 10	16 29	1 15	19 36	0 13	25 17	3 56	3 14	1 8	17 53	1 46	21 32	0 1
F 16	9 19	9 50	5 2	16 35	1 2	19 22	0 15	25 16	3 54	3 20	1 7	17 54	1 46	21 33	0 1
S 17	8 57	14 14	4 35	16 39	0 49	19 7	0 18	25 15	3 52	3 25	1 7	17 55	1 45	21 33	0 1
S 18	8 35	17 50	3 51	16 42	0 37	18 51	0 21	25 14	3 50	3 30	1 7	17 56	1 45	21 33	0 1
M19	8 12	20 22	2 53	16 43	0 25	18 35	0 24	25 13	3 48	3 36	1 7	17 57	1 45	21 33	0 1
T 20	7 49	21 38	1 46	16 43	0 13	18 18	0 27	25 11	3 46	3 41	1 7	17 58	1 45	21 33	0 1
W21	7 27	21 32	0 32	16 41	0 1	18 0	0 30	25 10	3 44	3 46	1 7	17 59	1 44	21 33	0 1
T 22	7 4	20 7	0n43	16 37	0s10	17 43	0 32	25 8	3 42	3 52	1 7	18 0	1 44	21 33	0 1
F 23	6 41	17 31	1 54	16 32	0 20	17 24	0 35	25 6	3 40	3 57	1 7	18 1	1 44	21 33	0 1
S 24	6 18	14 0	2 58	16 25	0 30	17 5	0 37	25 4	3 38	4 2	1 6	18 2	1 44	21 34	0 1
S 25	5 55	9 48	3 51	16 17	0 40	16 46	0 40	25 2	3 35	4 8	1 6	18 3	1 43	21 34	0 1
M26	5 32	5 14	4 31	16 7	0 50	16 26	0 43	24 59	3 33	4 13	1 6	18 4	1 43	21 34	0 1
T 27	5 8	0 32	4 56	15 56	0 59	16 6	0 45	24 57	3 31	4 19	1 6	18 5	1 43	21 34	0 1
W28	4s45	4s 6	5n 6	15s43	1s 7	15s45	0s47	24n54	3n29	4n24	1s 6	18n 6	1s43	21n34	0s 1

Julian Day Number = 2247779.5, Delta T = 264.71 sec

Ecliptic obliquity = 23°30'39", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 16°57'25", Lahiri = 16°04'25" Julian Calendar 1 Feb. 1442 == Greg. Calendar 10 Feb. 1442

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MARCH 1442 JC

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

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
T 1	4s22	8s29	5n 1	15s28	1s15	15s24	0s50	24n52	3n27	4n29	1s 6	18n 8	1s42	21n35	0s 1	9n14	1n 2	24n43	2n49	21n14	21n25	17s38	9n 0	0n 5
F 2	3 58	12 28	4 43	15 13	1 23	15 3	0 52	24 49	3 25	4 35	1 6	18 9	1 42	21 35	0 1	9 15	1 2	24 43	2 49	21 15	21 25	17 40	9 1	0 5
S 3	3 35	15 53	4 13	14 55	1 30	14 41	0 54	24 46	3 23	4 40	1 6	18 10	1 42	21 35	0 1	9 15	1 2	24 43	2 49	21 16	21 26	17 41	9 3	0 5
S 4	3 11	18 39	3 32	14 37	1 37	14 18	0 56	24 43	3 21	4 46	1 6	18 11	1 42	21 35	0 1	9 16	1 2	24 43	2 49	21 17	21 26	17 43	9 4	0 5
M 5	2 47	20 37	2 42	14 17	1 43	13 55	0 59	24 40	3 19	4 51	1 6	18 13	1 42	21 36	0 1	9 16	1 2	24 43	2 49	21 17	21 27	17 45	9 5	0 4
T 6	2 24	21 41	1 45	13 55	1 49	13 32	1 1	24 37	3 17	4 57	1 5	18 14	1 41	21 36	0 1	9 17	1 2	24 43	2 49	21 17	21 27	17 46	9 6	0 4
W 7	2 02	21 46	0 42	13 32	1 54	13 9	1 3	24 33	3 15	5 2	1 5	18 15	1 41	21 36	0 1	9 18	1 2	24 43	2 49	21 16	21 28	17 48	9 7	0 4
T 8	1 37	20 48	0s24	13 8	1 59	12 45	1 5	24 30	3 13	5 8	1 5	18 16	1 41	21 36	0 1	9 18	1 2	24 43	2 49	21 16	21 29	17 50	9 9	0 4
F 9	1 13	18 47	1 30	12 42	2 4	12 20	1 7	24 26	3 11	5 13	1 5	18 18	1 41	21 37	0 1	9 19	1 2	24 43	2 49	21 17	21 29	17 52	9 10	0 4
S 10	0 49	15 45	2 33	12 15	2 8	11 56	1 8	24 23	3 9	5 19	1 5	18 19	1 40	21 37	0 1	9 19	1 2	24 43	2 49	21 17	21 30	17 53	9 11	0 4
S 11	0 26	11 48	3 30	11 47	2 11	11 31	1 10	24 19	3 7	5 24	1 5	18 20	1 40	21 37	0 1	9 20	1 2	24 43	2 49	21 18	21 30	17 55	9 12	0 4
M 12	0 2	7 8	4 16	11 17	2 15	11 6	1 12	24 15	3 5	5 30	1 5	18 22	1 40	21 38	0 1	9 21	1 2	24 44	2 49	21 20	21 31	17 57	9 14	0 4
T 13	0n22	2 0	4 48	10 46	2 17	10 40	1 14	24 11	3 3	5 35	1 5	18 23	1 40	21 38	0 1	9 21	1 2	24 44	2 49	21 22	21 31	17 58	9 15	0 4
W 14	0 45	3n21	5 2	10 14	2 19	10 14	1 15	24 7	3 1	5 41	1 5	18 24	1 40	21 38	0 1	9 22	1 2	24 44	2 49	21 24	21 32	18 0	9 16	0 4
T 15	1 9	8 34	4 57	9 41	2 21	9 48	1 17	24 3	3 2	5 46	1 5	18 26	1 39	21 38	0 1	9 22	1 2	24 44	2 49	21 25	21 32	18 2	9 18	0 4
F 16	1 33	13 19	4 32	9 6	2 22	9 22	1 18	23 58	2 58	5 52	1 5	18 27	1 39	21 39	0 1	9 23	1 2	24 44	2 49	21 27	21 33	18 3	9 19	0 4
S 17	1 56	17 15	3 50	8 30	2 23	8 55	1 19	23 54	2 56	5 57	1 5	18 29	1 39	21 39	0 1	9 23	1 2	24 44	2 49	21 28	21 33	18 5	9 20	0 3
S 18	2 20	20 7	2 54	7 52	2 24	8 28	1 21	23 50	2 54	6 3	1 4	18 30	1 39	21 39	0 1	9 24	1 2	24 44	2 49	21 28	21 34	18 7	9 21	0 3
M 19	2 43	21 41	1 48	7 14	2 23	8 1	1 22	23 45	2 52	6 8	1 4	18 31	1 38	21 40	0 1	9 24	1 2	24 44	2 49	21 29	21 34	18 8	9 23	0 3
T 20	3 6	21 53	0 36	6 34	2 23	7 34	1 23	23 40	2 50	6 14	1 4	18 33	1 38	21 40	0 1	9 25	1 2	24 44	2 49	21 29	21 35	18 10	9 24	0 3
W 21	3 30	20 45	0n36	5 53	2 22	7 6	1 24	23 36	2 48	6 19	1 4	18 34	1 38	21 41	0 1	9 25	1 2	24 44	2 49	21 29	21 35	18 12	9 25	0 3
T 22	3 53	18																						

SWISS EPHEMERIS for the year 1442

APRIL 1442 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	13 10 47	19°Y33'59	18°Z56	10°Y51	28°X47	0°Ω 9	21°Y14	0°II57	8°II18	8°R 7	20°Ω27	21°R47	22°Ω 8	9°Z31	24°Y48
M 2	13 14 43	20°32'34	0°Z45	12°50	0°Y 1	0°29	21°29	1° 3	8°21	8°P 6	20°27	21°Ω45	22° 5	9°38	24°52
T 3	13 18 40	21°31'07	12°38	14°51	1°14	0°49	21°43	1°10	8°23	8° 5	20°27	21°44	22° 1	9°45	24°56
W 4	13 22 36	22°29'39	24°41	16°53	2°28	1°10	21°57	1°17	8°26	8° 4	20°28	21°43	21°58	9°52	25° 0
T 5	13 26 33	23°28'09	6°Ω58	18°56	3°41	1°31	22°12	1°23	8°29	8° 3	20°28	21°43	21°55	9°58	25° 4
F 6	13 30 30	24°26'37	19°36	21° 1	4°55	1°52	22°26	1°30	8°32	8° 2	20°28	21°41	21°52	10° 5	25° 8
S 7	13 34 26	25°25'04	2°X38	23° 7	6° 9	2°14	22°40	1°37	8°34	8° 1	20°29	21°38	21°49	10°12	25°11
S 8	13 38 23	26°23'29	16° 8	25°14	7°22	2°36	22°55	1°44	8°37	8° 0	20°29	21°31	21°46	10°18	25°15
M 9	13 42 19	27°21'52	0°Y 5	27°21	8°36	2°59	23° 9	1°51	8°40	7°59	20°29	21°22	21°42	10°25	25°19
T 10	13 46 16	28°20'13	14°28	29°30	9°49	3°21	23°24	1°58	8°43	7°58	20°30	21°11	21°39	10°32	25°23
W 11	13 50 12	29°18'33	29°12	1°X39	11° 3	3°44	23°38	2° 5	8°46	7°57	20°30	21° 0	21°36	10°38	25°27
T 12	13 54 9	0°X16'51	14°X 8	3°48	12°17	4° 8	23°52	2°12	8°49	7°56	20°30	20°49	21°33	10°45	25°31
F 13	13 58 5	1°15'07	29° 7	5°57	13°30	4°31	24° 7	2°19	8°52	7°55	20°31	20°40	21°30	10°52	25°35
S 14	14 2 2	2°13'22	13°II59	8° 5	14°44	4°55	24°21	2°26	8°55	7°54	20°31	20°34	21°27	10°58	25°39
S 15	14 5 59	3°11'34	28°39	10°13	15°57	5°19	24°35	2°33	8°58	7°54	20°32	20°30	21°23	11° 5	25°43
M 16	14 9 55	4° 9'44	13°Ω 0	12°21	17°11	5°43	24°50	2°40	9° 1	7°53	20°32	20°29	21°20	11°12	25°46
T 17	14 13 52	5° 7'53	27° 2	14°27	18°24	6° 8	25° 4	2°48	9° 4	7°52	20°33	20°D29	21°17	11°18	25°50
W 18	14 17 48	6° 5'59	10°Ω43	16°31	19°38	6°33	25°18	2°55	9° 7	7°51	20°34	20°R29	21°14	11°25	25°54
T 19	14 21 45	7° 4'03	24° 7	18°34	20°51	6°58	25°32	3° 2	9°10	7°51	20°34	20°28	21°11	11°32	25°58
F 20	14 25 41	8° 2'05	7°P13	20°34	22° 5	7°24	25°47	3°10	9°13	7°50	20°35	20°24	21° 7	11°38	26° 2
S 21	14 29 38	9° 0'06	20° 6	22°33	23°19	7°49	26° 1	3°17	9°16	7°49	20°35	20°19	21° 4	11°45	26° 6
S 22	14 33 34	9°58'04	2°Z46	24°28	24°32	8°15	26°15	3°24	9°19	7°49	20°36	20°10	21° 1	11°52	26°10
M 23	14 37 31	10°56'01	15°15	26°21	25°46	8°41	26°29	3°32	9°23	7°48	20°37	20° 0	20°58	11°58	26°13
T 24	14 41 28	11°53'56	27°35	28°12	26°59	9° 7	26°43	3°39	9°26	7°48	20°38	19°48	20°55	12° 5	26°17
W 25	14 45 24	12°51'49	9°M45	29°59	28°13	9°34	26°57	3°47	9°29	7°47	20°38	19°35	20°52	12°12	26°21
T 26	14 49 21	13°49'41	21°48	1°II43	29°26	10° 1	27°11	3°54	9°32	7°47	20°39	19°24	20°48	12°18	26°25
F 27	14 53 17	14°47'31	3°X43	3°24	0°X40	10°28	27°25	4° 2	9°36	7°46	20°40	19°14	20°45	12°25	26°28
S 28	14 57 14	15°45'20	15°34	5° 1	1°53	10°55	27°39	4° 9	9°39	7°46	20°41	19° 7	20°42	12°32	26°32
S 29	15 1 10	16°43'07	27°22	6°35	3° 7	11°22	27°53	4°17	9°42	7°45	20°41	19° 2	20°39	12°38	26°36
M 30	15 5 7	17°40'54	9°Z11	8°II 6	4°X20	11°Ω50	28°Y 7	4°II25	9°II46	7°P45	20°Ω42	19°Ω 0	20°Ω36	12°X45	26°Y40

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7n41	20s19	2n44	2n51	1s35	1s53	1s32	22n37	2n29	7n19	1s 4	18n51	1s36	21n45	0s 1
M 2	8 3 21	42 1 49	3 44	1 28	1 24	1 32	22 31	2 28	7 25	1 4	18 52	1 36	21 45	0 1	9 31
T 3	8 25 22	7 0 48	4 38	1 20	0 55	1 32	22 25	2 26	7 30	1 4	18 54	1 36	21 46	0 0	9 31
W 4	8 47 21	31 0s16	5 32	1 12	0 26	1 33	22 18	2 25	7 36	1 4	18 55	1 35	21 46	0 0	9 32
T 5	9 8 19	52 1 20	6 28	1 4	0n 3	1 33	22 12	2 23	7 41	1 4	18 57	1 35	21 47	0 0	9 32
F 6	9 30 17	14 2 22	7 23	0 55	0 33	1 33	22 6	2 21	7 46	1 4	18 58	1 35	21 47	0 0	9 33
S 7	9 52 13	39 3 18	8 19	0 45	1 2	1 33	21 59	2 20	7 52	1 4	19 0	1 35	21 47	0 0	9 33
S 8	10 13 9	16 4 6	9 14	0 35	1 31	1 32	21 53	2 18	7 57	1 4	19 1	1 35	21 48	0 0	9 33
M 9	10 34 4	15 4 41	10 10	0 25	2 0	1 32	21 46	2 17	8 3	1 3	19 3	1 35	21 48	0 0	9 34
T 10	10 55 1n 8	4 59	11 6	0 15	2 30	1 32	21 39	2 15	8 8	1 3	19 4	1 35	21 49	0 0	9 34
W 11	11 16 6	35 4 58	12 1	0 5	2 59	1 32	21 32	2 14	8 13	1 3	19 6	1 34	21 49	0 0	9 34
T 12	11 36 11	43 4 37	12 55	0n 6	3 28	1 31	21 25	2 12	8 18	1 3	19 7	1 34	21 50	0 0	9 35
F 13	11 57 16	10 3 56	13 48	0 17	3 57	1 31	21 18	2 11	8 24	1 3	19 9	1 34	21 50	0 0	9 35
S 14	12 17 19	34 3 0	14 41	0 28	4 26	1 30	21 11	2 9	8 29	1 3	19 11	1 34	21 51	0 0	9 35
S 15	12 37 21	37 1 53	15 32	0 38	4 55	1 30	21 4	2 8	8 34	1 3	19 12	1 34	21 51	0 0	9 36
M 16	12 57 22	13 0 40	16 22	0 49	5 24	1 29	20 56	2 6	8 40	1 3	19 14	1 34	21 52	0 0	9 36
T 17	13 16 21	23 0n35	17 9	0 59	5 53	1 28	20 49	2 5	8 45	1 3	19 15	1 33	21 52	0 0	9 36
W 18	13 36 19	17 1 45	17 55	1 9	6 21	1 27	20 41	2 4	8 50	1 3	19 17	1 33	21 53	0 0	9 36
T 19	13 55 16	10 2 48	18 39	1 18	6 50	1 27	20 33	2 2	8 55	1 3	19 18	1 33	21 53	0 0	9 37
F 20	14 14 12	18 3 41	19 21	1 28	7 18	1 26	20 25	2 1	9 0	1 3	19 20	1 33	21 54	0 0	9 37
S 21	14 32 7	56 4 22	20 1	1 36	7 46	1 25	20 17	1 59	9 6	1 3	19 21	1 33	21 54	0 0	9 37
S 22	14 51 3	18 4 48	20 38	1 44	8 14	1 24	20 9	1 58	9 11	1 3	19 23	1 33	21 55	0 0	9 37
M 23	15 9 1s24	5 1 21	12 1 52	8 42	1 22	20 1	1 57	9 16	1 3	19 24	1 33	21 55	0 0	9 37	
T 24	15 27 5	59 4 59	21 44	1 58	9 10	1 21	19 53	1 55	9 21	1 3	19 26	1 33	21 56	0 0	9 38
W 25	15 45 10	17 4 44	22 14	2 4	9 37	1 20	19 45	1 54	9 26	1 3	19 27	1 32	21 56	0 0	9 38
T 26	16 2 14	9 4 16	22 41	2 10	10 5	1 19	19 36	1 53	9 31	1 3	19 29	1 32	21 57	0 0	9 38
F 27	16 19 17	25 3 37	23 6	2 14	10 32	1 18	19 27	1 51	9 36	1 3	19 30	1 32	21 57	0 0	9 38
S 28	16 36 19	56 2 48	23 28	2 18	10 58	1 16	19 19	1 50	9 41	1 3	19 32	1 32	21 58	0 0	9 38
S 29	16 53 21	36 1 53	23 47	2 21	11 25	1 15	19 10	1 49	9 46	1 3	19 33	1 32	21 58	0 0	9 38
M 30	17n 9	22s19	0n52	24n 4	2n23	11n51	1s13	19n 1	1n48	9n51	1s 3	19n35	1s32	21n59	0s 0

Julian Day Number = 2247838.5, Delta T = 264.52 sec

Ecliptic obliquity = 23°30'39", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 16°57'33", Lahiri = 16°04'33" Julian Calendar 1 Apr. 1442 == Greg. Calendar 10 Apr. 1442

SWISS EPHEMERIS for the year 1442

MAY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	15 9 3	18♁38'39	21♁5	9♁33	5♁34	12♁17	28♁21	4♁32	9♁49	7°R45	20♁43	18°D59	20♁32	12♁52	26♁43
W 2	15 13 0	19°36'23	3♁7	10°56	6°47	12°45	28°35	4°40	9°52	7♁44	20°44	19°0	20°29	12°58	26°47
T 3	15 16 57	20°34'06	15°23	12°16	8° 1	13°14	28°49	4°48	9°56	7°44	20°45	19°R 1	20°26	13° 5	26°51
F 4	15 20 53	21°31'47	27°59	13°32	9°14	13°42	29° 3	4°55	9°59	7°44	20°46	19° 0	20°23	13°12	26°54
S 5	15 24 50	22°29'28	10♁58	14°45	10°28	14°10	29°17	5° 3	10° 3	7°44	20°47	18°59	20°20	13°18	26°58
S 6	15 28 46	23°27'07	24°24	15°54	11°42	14°39	29°30	5°11	10° 6	7°44	20°48	18°55	20°17	13°25	27° 2
M 7	15 32 43	24°24'46	8♁20	16°59	12°55	15° 8	29°44	5°19	10° 9	7°43	20°49	18°49	20°13	13°32	27° 5
T 8	15 36 39	25°22'23	22°44	18° 0	14° 9	15°37	29°58	5°26	10°13	7°43	20°50	18°42	20°10	13°38	27° 9
W 9	15 40 36	26°20'00	7♁32	18°57	15°22	16° 6	0♁11	5°34	10°16	7°43	20°51	18°34	20° 7	13°45	27°12
T 10	15 44 32	27°17'35	22°37	19°50	16°36	16°36	0°25	5°42	10°20	7°D43	20°52	18°27	20° 4	13°52	27°16
F 11	15 48 29	28°15'09	7♁50	20°38	17°49	17° 5	0°38	5°50	10°23	7°43	20°53	18°20	20° 1	13°59	27°19
S 12	15 52 26	29°12'43	22°59	21°23	19° 3	17°35	0°52	5°58	10°27	7°43	20°54	18°16	19°58	14° 5	27°23
S 13	15 56 22	0♁10'14	7♁55	22° 4	20°16	18° 5	1° 5	6° 5	10°30	7°43	20°55	18°14	19°54	14°12	27°26
M14	16 0 19	1° 7'45	22°33	22°40	21°30	18°35	1°19	6°13	10°34	7°43	20°56	18°D13	19°51	14°19	27°30
T 15	16 4 15	2° 5'14	6♁46	23°11	22°44	19° 5	1°32	6°21	10°37	7°44	20°58	18°14	19°48	14°25	27°33
W16	16 8 12	3° 2'42	20°36	23°39	23°57	19°36	1°45	6°29	10°41	7°44	20°59	18°15	19°45	14°32	27°36
T 17	16 12 8	4° 0'09	4♁ 1	24° 1	25°11	20° 6	1°59	6°37	10°44	7°44	21° 0	18°R16	19°42	14°39	27°40
F 18	16 16 5	4°57'34	17° 5	24°20	26°24	20°37	2°12	6°45	10°48	7°44	21° 1	18°15	19°38	14°45	27°43
S 19	16 20 1	5°54'58	29°51	24°33	27°38	21° 7	2°25	6°52	10°52	7°44	21° 2	18°13	19°35	14°52	27°46
S 20	16 23 58	6°52'21	12♁21	24°42	28°51	21°38	2°38	7° 0	10°55	7°45	21° 4	18° 8	19°32	14°59	27°49
M21	16 27 55	7°49'43	24°38	24°R46	0♁ 5	22°10	2°51	7° 8	10°59	7°45	21° 5	18° 2	19°29	15° 5	27°53
T 22	16 31 51	8°47'03	6♁46	24°46	1°18	22°41	3° 4	7°16	11° 2	7°45	21° 6	17°56	19°26	15°12	27°56
W23	16 35 48	9°44'23	18°46	24°41	2°32	23°12	3°17	7°24	11° 6	7°46	21° 8	17°49	19°23	15°19	27°59
T 24	16 39 44	10°41'42	0♁41	24°32	3°46	23°44	3°29	7°32	11° 9	7°46	21° 9	17°42	19°19	15°25	28° 2
F 25	16 43 41	11°39'00	12°32	24°19	4°59	24°15	3°42	7°39	11°13	7°47	21°10	17°37	19°16	15°32	28° 5
S 26	16 47 37	12°36'18	24°21	24° 2	6°13	24°47	3°55	7°47	11°16	7°47	21°11	17°33	19°13	15°39	28° 8
S 27	16 51 34	13°33'35	6♁10	23°41	7°26	25°19	4° 8	7°55	11°20	7°48	21°13	17°31	19°10	15°45	28°11
M28	16 55 30	14°30'51	18° 2	23°17	8°40	25°51	4°20	8° 3	11°24	7°48	21°14	17°D30	19° 7	15°52	28°14
T 29	16 59 27	15°28'07	29°59	22°50	9°53	26°23	4°33	8°11	11°27	7°49	21°16	17°31	19° 4	15°59	28°17
W30	17 3 24	16°25'22	12♁ 6	22°20	11° 7	26°55	4°45	8°18	11°31	7°49	21°17	17°32	19° 0	16° 5	28°20
T 31	17 7 20	17♁22'37	24♁25	21♁49	12♁21	27♁28	4♁57	8♁26	11♁34	7♁50	21♁18	17♁34	18♁57	16♁12	28♁23

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n25	22s 2	0s11	24n19	2n24	12n17	1s12	18n52	1n46	9n56	1s 3	19n36	1s32	21n59	0s 0
W 2	17 41	20 44	1 15	24 32	2 25	12 43	1 10	18 43	1 45	10 1	1 3	19 38	1 32	22 0	0 0
T 3	17 57	18 27	2 17	24 43	2 24	13 8	1 9	18 33	1 44	10 6	1 3	19 39	1 32	22 0	0 0
F 4	18 12	15 14	3 13	24 51	2 23	13 34	1 7	18 24	1 43	10 11	1 4	19 41	1 31	22 1	0 0
S 5	18 27	11 12	4 2	24 58	2 20	13 58	1 5	18 15	1 41	10 16	1 4	19 42	1 31	22 1	0 0
S 6	18 41	6 30	4 39	25 2	2 17	14 23	1 3	18 5	1 40	10 20	1 4	19 44	1 31	22 2	0 0
M 7	18 56	1 18	5 1	25 5	2 13	14 47	1 2	17 55	1 39	10 25	1 4	19 45	1 31	22 2	0 0
T 8	19 10	4n 8	5 6	25 6	2 8	15 11	1 0	17 46	1 38	10 30	1 4	19 47	1 31	22 3	0 0
W 9	19 23	9 30	4 50	25 5	2 2	15 34	0 58	17 36	1 37	10 35	1 4	19 48	1 31	22 3	0 0
T 10	19 37	14 23	4 14	25 2	1 56	15 57	0 56	17 26	1 35	10 39	1 4	19 50	1 31	22 4	0 0
F 11	19 50	18 23	3 20	24 58	1 48	16 20	0 54	17 15	1 34	10 44	1 4	19 51	1 31	22 4	0 0
S 12	20 2	21 8	2 12	24 53	1 39	16 42	0 52	17 5	1 33	10 49	1 4	19 53	1 31	22 5	0 0
S 13	20 15	22 21	0 55	24 46	1 30	17 4	0 50	16 55	1 32	10 53	1 4	19 54	1 31	22 5	0 0
M14	20 27	22 0	0n23	24 38	1 20	17 25	0 48	16 44	1 31	10 58	1 4	19 55	1 30	22 6	0 0
T 15	20 38	20 14	1 39	24 29	1 9	17 46	0 46	16 34	1 30	11 3	1 4	19 57	1 30	22 6	0 0
W16	20 50	17 17	2 46	24 18	0 57	18 7	0 44	16 23	1 29	11 7	1 4	19 58	1 30	22 7	0 0
T 17	21 1	13 31	3 42	24 6	0 44	18 27	0 42	16 13	1 28	11 12	1 4	20 0	1 30	22 7	0 0
F 18	21 11	9 11	4 25	23 54	0 30	18 46	0 39	16 2	1 26	11 16	1 4	20 1	1 30	22 8	0 0
S 19	21 21	4 33	4 54	23 40	0 16	19 5	0 37	15 51	1 25	11 21	1 4	20 2	1 30	22 8	0 0
S 20	21 31	0s10	5 8	23 26	0 1	19 24	0 35	15 40	1 24	11 25	1 4	20 4	1 30	22 9	0 0
M21	21 41	4 48	5 8	23 10	0s14	19 42	0 33	15 29	1 23	11 29	1 4	20 5	1 30	22 9	0 0
T 22	21 50	9 12	4 53	22 54	0 30	19 59	0 31	15 17	1 22	11 34	1 4	20 7	1 30	22 10	0 0
W23	21 59	13 12	4 26	22 38	0 46	20 16	0 28	15 6	1 21	11 38	1 4	20 8	1 30	22 10	0 0
T 24	22 7	16 39	3 47	22 31	1 3	20 32	0 26	14 54	1 20	11 42	1 4	20 9	1 30	22 11	0 0
F 25	22 15	19 24	2 59	22 3	1 20	20 48	0 24	14 43	1 19	11 47	1 4	20 11	1 30	22 11	0 0
S 26	22 23	21 20	2 3	21 45	1 37	21 4	0 21	14 31	1 18	11 51	1 5	20 12	1 30	22 12	0 0
S 27	22 30	22 20	1 2	21 27	1 54	21 18	0 19	14 20	1 17	11 55	1 5	20 13	1 30	22 12	0 0
M28	22 37	22 20	0s 3	21 9	2 11	21 32	0 17	14 8	1 16	11 59	1 5	20 15	1 30	22 13	0n 0
T 29	22 43	21 19	1 8	20 52	2 28	21 46	0 14	13 56	1 15	12 3	1 5	20 16	1 30	22 13	0 0
W30	22 49	19 19	2 11	20 34	2 44	21 59	0 12	13 44	1 14	12 8	1 5	20 17	1 29	22 14	0 0
T 31	22n55	16s23	3s 9	20n17	2s59	22n11	0s10	13n32	1n13	12n12	1s 5	20n18	1s29	22n14	0n 0

Julian Day Number = 2247868.5, Delta T = 264.42 sec

Ecliptic obliquity = 23°30'39, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 16°57'37, Lahiri = 16°04'37 Julian Calendar 1 May 1442 == Greg. Calendar 10 May 1442

SWISS EPHEMERIS for the year 1442

JUNE 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	17 11 17	18II19'51	7H 2	21°R15	13II34	28Ω 0	5Ω10	8II34	11II38	7η51	21Ω20	17Ω35	18Ω54	16Ω19	28Υ26
S 2	17 15 13	19°17'06	19°59	20II41	14°48	28°33	5°22	8°42	11°41	7°51	21°21	17°R35	18°51	16°25	28°29
S 3	17 19 10	20°14'20	3Υ21	20° 7	16° 2	29° 5	5°34	8°50	11°45	7°52	21°23	17°35	18°48	16°32	28°31
M 4	17 23 6	21°11'34	17° 9	19°33	17°15	29°38	5°46	8°57	11°48	7°53	21°24	17°33	18°44	16°39	28°34
T 5	17 27 3	22° 8'47	18°24	18°59	18°29	0η11	5°58	9° 5	11°52	7°54	21°26	17°30	18°41	16°45	28°37
W 6	17 30 59	23° 6'01	16° 4	18°28	19°42	0°44	6°10	9°13	11°55	7°55	21°27	17°27	18°38	16°52	28°39
T 7	17 34 56	24° 3'15	1II 2	17°58	20°56	1°18	6°22	9°20	11°59	7°55	21°29	17°24	18°35	16°59	28°42
F 8	17 38 53	25° 0'28	16°12	17°30	22°10	1°51	6°34	9°28	12° 2	7°56	21°30	17°21	18°32	17° 5	28°44
S 9	17 42 49	25°57'42	1Ω24	17° 5	23°24	2°24	6°45	9°36	12° 6	7°57	21°32	17°20	18°29	17°12	28°47
S 10	17 46 46	26°54'55	16°28	16°44	24°37	2°58	6°57	9°43	12° 9	7°58	21°33	17°D19	18°25	17°19	28°49
M11	17 50 42	27°52'07	1Ω15	16°26	25°51	3°31	7° 8	9°51	12°13	7°59	21°35	17°20	18°22	17°25	28°52
T 12	17 54 39	28°49'20	15°40	16°13	27° 5	4° 5	7°20	9°59	12°16	8° 0	21°36	17°21	18°19	17°32	28°54
W13	17 58 35	29°46'31	29°39	16° 4	28°18	4°39	7°31	10° 6	12°20	8° 1	21°38	17°22	18°16	17°39	28°57
T 14	18 2 32	0Ω43'43	13η12	15°D59	29°32	5°13	7°42	10°14	12°23	8° 2	21°39	17°23	18°13	17°45	28°59
F 15	18 6 28	1°40'54	26°21	15°59	0Ω46	5°47	7°53	10°21	12°26	8° 3	21°41	17°R24	18°10	17°52	29° 1
S 16	18 10 25	2°38'04	9Ω 7	16° 4	1°59	6°21	8° 4	10°29	12°30	8° 5	21°42	17°24	18° 6	17°59	29° 3
S 17	18 14 22	3°35'14	21°34	16°14	3°13	6°56	8°15	10°36	12°33	8° 6	21°44	17°23	18° 3	18° 5	29° 5
M18	18 18 18	4°32'24	3η46	16°29	4°27	7°30	8°26	10°44	12°37	8° 7	21°46	17°22	18° 0	18°12	29° 8
T 19	18 22 15	5°29'34	15°48	16°49	5°41	8° 4	8°37	10°51	12°40	8° 8	21°47	17°20	17°57	18°19	29°10
W20	18 26 11	6°26'44	27°42	17°14	6°54	8°39	8°48	10°58	12°43	8° 9	21°49	17°19	17°54	18°25	29°12
T 21	18 30 8	7°23'54	9Ω32	17°43	8° 8	9°14	8°58	11° 6	12°47	8°11	21°50	17°17	17°50	18°32	29°14
F 22	18 34 4	8°21'04	21°21	18°18	9°22	9°48	9° 9	11°13	12°50	8°12	21°52	17°16	17°47	18°39	29°15
S 23	18 38 1	9°18'13	3Ω11	18°58	10°36	10°23	9°19	11°20	12°53	8°13	21°54	17°15	17°44	18°45	29°17
S24	18 41 58	10°15'24	15° 5	19°43	11°50	10°58	9°29	11°28	12°56	8°15	21°55	17°D15	17°41	18°52	29°19
M25	18 45 54	11°12'34	27° 4	20°33	13° 3	11°33	9°39	11°35	13° 0	8°16	21°57	17°15	17°38	18°59	29°21
T 26	18 49 51	12° 9'45	9Ω12	21°28	14°17	12° 8	9°49	11°42	13° 3	8°17	21°59	17°16	17°35	19° 5	29°23
W27	18 53 47	13° 6'56	21°29	22°27	15°31	12°44	9°59	11°49	13° 6	8°19	22° 0	17°16	17°31	19°12	29°24
T 28	18 57 44	14° 4'07	3H58	23°32	16°45	13°19	10° 9	11°56	13° 9	8°20	22° 2	17°16	17°28	19°19	29°26
F 29	19 1 40	15° 1'19	16°42	24°40	17°59	13°54	10°19	12° 3	13°12	8°22	22° 4	17°17	17°25	19°25	29°27
S 30	19 5 37	15Ω58'32	29H44	25II54	19Ω12	14η30	10Ω28	12II10	13II16	8η23	22Ω 5	17Ω17	17Ω22	19Ω32	29Υ29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 0	12s39	3s59	20n 0	3s14	22n23	0s 7	13n19	1n12	12n16	1s 5	20n20	1s29	22n15	0n 0
S 2	23 5	8 15	4 39	19 44	3 27	22 34	0 5	13 7	1 11	12 20	1 5	20 21	1 29	22 15	0 0
S 3	23 9	3 19	5 5	19 29	3 40	22 44	0 2	12 55	1 10	12 24	1 5	20 22	1 29	22 16	0 0
M 4	23 13	1n55	5 14	19 15	3 51	22 54	0n 0	12 42	1 9	12 28	1 5	20 23	1 29	22 16	0 0
T 5	23 17	7 13	5 5	19 2	4 2	23 3	0 2	12 30	1 8	12 31	1 5	20 25	1 29	22 17	0 0
W 6	23 20	12 17	4 36	18 51	4 10	23 11	0 5	12 17	1 7	12 35	1 5	20 26	1 29	22 17	0 0
T 7	23 23	16 42	3 48	18 41	4 18	23 19	0 7	12 4	1 6	12 39	1 5	20 27	1 29	22 18	0 0
F 8	23 25	20 5	2 43	18 32	4 24	23 26	0 10	11 51	1 5	12 43	1 6	20 28	1 29	22 18	0 0
S 9	23 27	22 3	1 27	18 26	4 28	23 33	0 12	11 38	1 4	12 47	1 6	20 29	1 29	22 19	0 0
S 10	23 28	22 25	0 5	18 21	4 32	23 38	0 14	11 25	1 3	12 50	1 6	20 30	1 29	22 19	0 0
M11	23 30	21 11	1n16	18 17	4 33	23 43	0 17	11 12	1 2	12 54	1 6	20 32	1 29	22 20	0 0
T 12	23 30	18 35	2 30	18 16	4 33	23 48	0 19	10 59	1 1	12 58	1 6	20 33	1 29	22 20	0 0
W13	23 31	14 57	3 33	18 16	4 32	23 51	0 21	10 46	1 0	13 1	1 6	20 34	1 29	22 21	0 0
T 14	23 31	10 39	4 22	18 18	4 30	23 54	0 24	10 32	0 59	13 5	1 6	20 35	1 29	22 21	0 0
F 15	23 30	5 58	4 55	18 22	4 26	23 56	0 26	10 19	0 58	13 8	1 6	20 36	1 29	22 21	0 0
S 16	23 29	1 11	5 13	18 27	4 21	23 58	0 28	10 5	0 57	13 12	1 6	20 37	1 29	22 22	0 0
S 17	23 28	3s33	5 16	18 34	4 15	23 59	0 30	9 52	0 56	13 15	1 6	20 38	1 29	22 22	0 0
M18	23 26	8 3	5 4	18 42	4 8	23 59	0 32	9 38	0 55	13 19	1 7	20 39	1 29	22 23	0 0
T 19	23 24	12 10	4 38	18 52	4 0	23 58	0 35	9 24	0 54	13 22	1 7	20 40	1 29	22 23	0 0
W20	23 21	15 47	4 1	19 3	3 51	23 57	0 37	9 11	0 53	13 25	1 7	20 41	1 29	22 24	0 0
T 21	23 18	18 45	3 14	19 16	3 42	23 54	0 39	8 57	0 53	13 28	1 7	20 42	1 29	22 24	0 0
F 22	23 15	20 55	2 19	19 29	3 32	23 52	0 41	8 43	0 52	13 32	1 7	20 43	1 29	22 25	0 0
S 23	23 11	22 11	1 17	19 43	3 21	23 48	0 43	8 29	0 51	13 35	1 7	20 44	1 29	22 25	0 0
S 24	23 7	22 27	0 12	19 58	3 9	23 44	0 45	8 15	0 50	13 38	1 7	20 45	1 29	22 25	0 0
M25	23 2	21 42	0s54	20 14	2 57	23 39	0 47	8 0	0 49	13 41	1 7	20 46	1 29	22 26	0 0
T 26	22 57	19 55	1 59	20 30	2 45	23 33	0 49	7 46	0 48	13 44	1 7	20 47	1 29	22 26	0 0
W27	22 52	17 12	2 59	20 46	2 32	23 27	0 51	7 32	0 47	13 47	1 8	20 48	1 29	22 27	0 0
T 28	22 46	13 40	3 51	21 3	2 19	23 20	0 53	7 17	0 46	13 50	1 8	20 49	1 29	22 27	0 0
F 29	22 40	9 28	4 34	21 19	2 5	23 12	0 55	7 3	0 45	13 53	1 8	20 50	1 29	22 27	0 0
S 30	22n33	4s44	5s 3	21n35	1s52	23n 4	0n57	6n48	0n45	13n56	1s 8	20n51	1s29	22n28	0n 0

Julian Day Number = 2247899.5, Delta T = 264.32 sec
 Ecliptic obliquity = 23°30'39", Nutation = - 0°00'17"
 Ayanamsha: Fagan/Bradley = 16°57'42", Lahiri = 16°04'42" Julian Calendar 1 June 1442 == Greg. Calendar 10 June 1442

SWISS EPHEMERIS for the year 1442

JULY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	19 9 33	16°55'45	13°Y 5	27°II12	20°26	15°M 5	10°B38	12°II17	13°II19	8°M25	22°2 7	17°217	17°219	19°A39	29°Y30
M 2	19 13 30	17°52'59	26°47	28°34	21°40	15°41	10°47	12°24	13°22	8°26	22° 9	17°17	17°16	19°45	29°32
T 3	19 17 26	18°50'14	10°B51	0°2 1	22°54	16°17	10°56	12°31	13°25	8°28	22°10	17°17	17°12	19°52	29°33
W 4	19 21 23	19°47'30	25°15	1°32	24° 8	16°53	11° 5	12°38	13°28	8°29	22°12	17°17	17° 9	19°59	29°34
T 5	19 25 20	20°44'46	9°II56	3° 7	25°22	17°29	11°14	12°44	13°31	8°31	22°14	17°17	17° 6	20° 5	29°36
F 6	19 29 16	21°42'04	24°50	4°46	26°36	18° 5	11°23	12°51	13°34	8°33	22°15	17°18	17° 3	20°12	29°37
S 7	19 33 13	22°39'22	9°249	6°28	27°50	18°41	11°32	12°58	13°37	8°34	22°17	17°R18	17° 0	20°19	29°38
S 8	19 37 9	23°36'41	24°46	8°14	29° 4	19°17	11°40	13° 4	13°40	8°36	22°19	17°18	16°56	20°25	29°39
M 9	19 41 6	24°34'01	9°231	10° 4	0°L18	19°53	11°49	13°11	13°43	8°38	22°20	17°18	16°53	20°32	29°40
T 10	19 45 2	25°31'21	23°58	11°56	1°32	20°30	11°57	13°18	13°45	8°39	22°22	17°17	16°50	20°39	29°41
W 11	19 48 59	26°28'42	8°M 3	13°51	2°45	21° 6	12° 5	13°24	13°48	8°41	22°24	17°16	16°47	20°45	29°42
T 12	19 52 56	27°26'03	21°42	15°49	3°59	21°43	12°13	13°30	13°51	8°43	22°25	17°15	16°44	20°52	29°43
F 13	19 56 52	28°23'25	4°A56	17°48	5°13	22°19	12°21	13°37	13°54	8°45	22°27	17°14	16°41	20°58	29°44
S 14	20 0 49	29°20'47	17°45	19°50	6°27	22°56	12°29	13°43	13°57	8°46	22°29	17°13	16°37	21° 5	29°44
S 15	20 4 45	0°218'10	0°M14	21°52	7°41	23°33	12°37	13°49	13°59	8°48	22°30	17°D12	16°34	21°12	29°45
M 16	20 8 42	1°15'34	12°26	23°56	8°55	24°10	12°44	13°56	14° 2	8°50	22°32	17°13	16°31	21°18	29°46
T 17	20 12 38	2°12'58	24°26	26° 1	10° 9	24°47	12°51	14° 2	14° 5	8°52	22°33	17°14	16°28	21°25	29°46
W 18	20 16 35	3°10'24	6°A18	28° 6	11°23	25°24	12°59	14° 8	14° 7	8°54	22°35	17°15	16°25	21°32	29°47
T 19	20 20 31	4° 7'49	18° 7	0°L11	12°37	26° 1	13° 6	14°14	14°10	8°56	22°37	17°16	16°22	21°38	29°47
F 20	20 24 28	5° 5'16	29°56	2°16	13°51	26°38	13°12	14°20	14°12	8°58	22°38	17°18	16°18	21°45	29°48
S 21	20 28 25	6° 2'44	11°B50	4°20	15° 5	27°15	13°19	14°26	14°15	8°59	22°40	17°R18	16°15	21°52	29°48
S 22	20 32 21	7° 0'12	23°51	6°24	16°19	27°53	13°26	14°31	14°17	9° 1	22°42	17°18	16°12	21°58	29°48
M 23	20 36 18	7°57'42	6°A 1	8°27	17°33	28°30	13°32	14°37	14°20	9° 3	22°43	17°17	16° 9	22° 5	29°48
T 24	20 40 14	8°55'13	18°23	10°29	18°47	29° 8	13°38	14°43	14°22	9° 5	22°45	17°15	16° 6	22°12	29°49
W 25	20 44 11	9°52'44	0°A56	12°31	20° 1	29°45	13°44	14°48	14°25	9° 7	22°46	17°12	16° 2	22°18	29°49
T 26	20 48 7	10°50'18	13°43	14°31	21°15	0°A23	13°50	14°54	14°27	9° 9	22°48	17° 9	15°59	22°25	29°R49
F 27	20 52 4	11°47'52	26°44	16°29	22°29	1° 1	13°56	14°59	14°29	9°11	22°50	17° 5	15°56	22°32	29°49
S 28	20 56 0	12°45'28	9°Y59	18°27	23°44	1°38	14° 2	15° 5	14°31	9°13	22°51	17° 2	15°53	22°38	29°49
S 29	20 59 57	13°43'05	23°27	20°23	24°58	2°16	14° 7	15°10	14°34	9°15	22°53	16°59	15°50	22°45	29°48
M 30	21 3 54	14°40'44	7°B11	22°18	26°12	2°54	14°13	15°15	14°36	9°17	22°54	16°58	15°47	22°52	29°48
T 31	21 7 50	15°38'25	21°B 8	24°L11	27°L26	3°A32	14°B18	15°II21	14°II38	9°M19	22°56	16°D58	15°243	22°A58	29°Y48

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22n26	0n19	5s17	21n51	1s38	22n55	0n58	6n34	0n44	13n59	1s 8	20n52	1s29	22n28	0n 0	9n22	1n 0	24n29	2n50	22n23	22n23	20s43	11n15	0s 5
M 2	22 19	5 29	5 13	22 6	1 24	22 45	1 0	6 19	0 43	14 1	1 8	20 53	1 29	22 29	0 0	9 22	1 0	24 29	2 50	22 23	22 24	20 44	11 16	0 5
T 3	22 11	10 30	4 51	22 20	1 11	22 35	1 2	6 4	0 42	14 4	1 8	20 54	1 29	22 29	0 0	9 21	1 0	24 29	2 50	22 23	22 24	20 46	11 16	0 5
W 4	22 3	15 4	3 11	22 33	0 57	22 23	1 3	5 50	0 41	14 7	1 8	20 54	1 29	22 29	0 0	9 21	1 0	24 29	2 51	22 23	22 24	20 47	11 16	0 5
T 5	21 54	18 49	3 13	22 45	0 44	22 12	1 5	5 35	0 40	14 10	1 9	20 55	1 29	22 30	0 0	9 20	1 0	24 29	2 51	22 23	22 25	20 48	11 17	0 5
F 6	21 45	21 23	2 2	22 55	0 30	21 59	1 7	5 20	0 39	14 12	1 9	20 56	1 29	22 30	0 0	9 19	1 0	24 28	2 51	22 23	22 25	20 49	11 17	0 6
S 7	21 36	22 27	0 41	23 4	0 17	21 46	1 8	5 5	0 39	14 15	1 9	20 57	1 29	22 30	0 0	9 19	1 0	24 28	2 51	22 23	22 26	20 51	11 17	0 6
S 8	21 26	21 55	0n41	23 10	0 5	21 33	1 10	4 50	0 38	14 17	1 9	20 58	1 29	22 31	0 0	9 18	1 0	24 28	2 51	22 23	22 26	20 52	11 18	0 6
M 9	21 16	19 51	2 0	23 15	0n 7	21 18	1 11	4 35	0 37	14 20	1 9	20 58	1 29	22 31	0 0	9 17	1 0	24 28	2 51	22 23	22 26	20 53	11 18	0 6
T 10	21 6	16 33	3 10	23 17	0 19	21 3	1 12	4 20	0 36	14 22	1 9	20 59	1 29	22 32	0 0	9 17	1 0	24 28	2 51	22 23	22 27	20 55	11 18	0 6
W 11	20 55	12 22	4 6	23 17	0 30	20 48	1 14	4 5	0 35	14 24	1 9	21 0	1 29	22 32	0 0	9 16	1 0	24 27	2 51	22 24	22 27	20 56	11 18	0 6
T 12	20 44	7 41	4 46	23 14	0 40	20 32	1 15	3 49	0 34	14 27	1 10	21 1	1 29	22 32	0 0	9 15	1 0	24 27	2 51	22 24	22 28	20 57	11 19	0 6
F 13	20 33	2 46	5 10	23 9	0 50	20 15	1 16	3 34	0 34	14 29	1 10	21 2	1 29	22 33	0 0	9 15	1 0	24 27	2 51	22 24	22 28	20 58	11 19	0 6
S 14	20 21	2s 6	5 17	23 1	0 59	19 58	1 17	3 19	0 33	14 31	1 10	21 2	1 29	22 33	0 0	9 14	1 0	24 27	2 51	22 24	22 28	21 0	11 19	0 6
S 15	20 9	6 46	5 9	22 50	1 7	19 40	1 18	3 4	0 32	14 33	1 10	21 3	1 29	22 33	0 0	9 13	1 0	24 27	2 51	22 24	22 29	21 1	11 19	0 6
M 16	19 56	11 3	4 47	22 37	1 15	19 21	1 19	2 48	0 31	14 35	1 10	21 4	1 29	22 34	0 0	9 13	1 0	24 26	2 51	22 24	22 29	21 2	11 19	0 6
T 17	19 44	14 51	4 13	22 21	1 21	19 2	1 20	2 33	0 30	14 38	1 10	21 4	1 29	22 34	0 0	9 12	1 0	24 26	2 51	22 24	22 30	21 3	11 19	0 6
W 18	19 30	18 1	3 28	22 2	1 27	18 43	1 21	2 17	0 30	14 40	1 11	21 5	1 29	22 34	0 0	9 11	1 0	24 26	2 52	22 24	22 30	21 4	11 19	0 7
T 19	19 17	20 25	2 35	21 41	1 32	18 23	1 22	2 2	0 29	14 42	1 11	21 6	1 30	22 35	0 0	9 10	1 0	24 26	2 52	22 23	22 30	21 6	11 20	0 7
F 20	19 3	21 56	1 35	21 17	1 37	18 2	1 23	1 46	0 28	14 43	1 11	21 6	1 30	22 35	0 0	9 10	1 0	24 26	2 52	22 23	22 31	21 7	11 20	0 7
S 21	18 49	22 29	0 30	20 51	1 40	17 41	1 23	1 31	0 27	14 45	1 11	21 7	1 30	22 35	0 1	9 9	1 0	24 25	2 52	22 23	22 31	21 8	11 20	0 7
S 22	18 35	21 59	0s36	20 23	1 43	17 20	1 24	1 15	0 26	14 47	1 11	21 8	1 30	22 35	0 1	9 8	1 0	24 25	2 52	22 23	22 31	21 9	11 20	0 7
M 23	18 20	20 28	1 41	19 53	1 45	16 58	1 25	0 59	0 26	14 49	1 11	21 8	1 30	22 36	0 1	9 8	1 0	24 25	2 52	22 23	22 32	21 10	11 20	0 7
T 24	18 5	17 57	2 43	19 21	1 46	16 35	1 25	0 44	0 25	14 51	1 11	21 9	1 30	22 36	0 1	9 7	1 0	24 25	2 52	22 24	22 32	21 12	11 20	0 7
W 25	17 50	14 34	3 38	18 48	1 46	16 12	1 26	0 28	0 24	14 52	1 12	21 9	1 30	22 36	0 1	9 6	1 0	24 25	2 52	22 24	22 33	21 13	11 20	0 7
T 26	17 34	10 27	4 22	18 13	1 46	15 49	1 26	0 12	0 23	14 54	1 12	21 10	1 30	22 37	0 1	9 5	1 0	24 24	2 52	22 24	22 33	21 14	11 19	0 7
F 27	17 18	5 48	4 54	17 37	1 45	15 25	1 26	0s 4	0 22	14 55	1 12	21 10	1 30	22 37	0 1	9 4	1 0	24 24	2 52	22 25	22 33	21 15	11 19	0 7
S 28	17 2	0 49	5 12	16 59	1 44	15 1	1 27	0 19	0 22	14 57	1 12	21 11	1 30	22 37	0 1	9 4	1 0	24 24	2 52	22 25	22 34	21 16	11 19	0 7
S																								

SWISS EPHEMERIS for the year 1442

AUGUST 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	21 11 47	16♌36'07	5♀18	26♃3	28♃40	4♂10	14♃23	15♀26	14♀40	9♁22	22♁57	16♁59	15♁40	23♁5	29♁R48
T 2	21 15 43	17°33'51	19°41	27°54	29°54	4°49	14°27	15°31	14°42	9°24	22°59	17° 0	15°37	23°12	29°V47
F 3	21 19 40	18°31'37	4♁12	29°43	1♁8	5°27	14°32	15°36	14°44	9°26	23° 1	17° 2	15°34	23°18	29°47
S 4	21 23 36	19°29'24	18°48	1♁30	2°22	6° 5	14°36	15°41	14°46	9°28	23° 2	17°R 2	15°31	23°25	29°47
S 5	21 27 33	20°27'13	3♃24	3°17	3°36	6°44	14°41	15°45	14°48	9°30	23° 4	17° 1	15°28	23°32	29°46
M 6	21 31 29	21°25'04	17°54	5° 2	4°50	7°22	14°45	15°50	14°50	9°32	23° 5	16°59	15°24	23°38	29°45
T 7	21 35 26	22°22'55	2♁11	6°45	6° 4	8° 1	14°48	15°55	14°52	9°34	23° 7	16°54	15°21	23°45	29°45
W 8	21 39 23	23°20'49	16°10	8°28	7°18	8°40	14°52	15°59	14°53	9°36	23° 8	16°49	15°18	23°52	29°44
T 9	21 43 19	24°18'43	29°48	10° 8	8°33	9°18	14°56	16° 4	14°55	9°39	23°10	16°43	15°15	23°58	29°43
F 10	21 47 16	25°16'40	13♂3	11°48	9°47	9°57	14°59	16° 8	14°57	9°41	23°11	16°37	15°12	24° 5	29°42
S 11	21 51 12	26°14'37	25°54	13°26	11° 1	10°36	15° 2	16°13	14°59	9°43	23°12	16°32	15° 8	24°12	29°42
S 12	21 55 9	27°12'36	8♃24	15° 3	12°15	11°15	15° 5	16°17	15° 0	9°45	23°14	16°29	15° 5	24°18	29°41
M13	21 59 5	28°10'36	20°37	16°39	13°29	11°54	15° 8	16°21	15° 2	9°47	23°15	16°27	15° 2	24°25	29°40
T 14	22 3 2	29° 8'38	2♁37	18°13	14°43	12°33	15°10	16°25	15° 3	9°49	23°17	16°D27	14°59	24°32	29°39
W15	22 6 58	0♁6'41	14°29	19°46	15°57	13°13	15°13	16°29	15° 5	9°52	23°18	16°28	14°56	24°38	29°38
T 16	22 10 55	1° 4'45	26°17	21°18	17°11	13°52	15°15	16°33	15° 6	9°54	23°19	16°29	14°53	24°45	29°36
F 17	22 14 52	2° 2'51	8♁8	22°49	18°25	14°31	15°17	16°36	15° 8	9°56	23°21	16°30	14°49	24°51	29°35
S 18	22 18 48	3° 0'59	20° 6	24°18	19°39	15°11	15°19	16°40	15° 9	9°58	23°22	16°R31	14°46	24°58	29°34
S 19	22 22 45	3°59'08	2♁14	25°46	20°54	15°50	15°20	16°44	15°10	10° 1	23°24	16°29	14°43	25° 5	29°33
M20	22 26 41	4°57'19	14°36	27°12	22° 8	16°30	15°22	16°47	15°11	10° 3	23°25	16°26	14°40	25°11	29°31
T 21	22 30 38	5°55'31	27°13	28°37	23°22	17° 9	15°23	16°51	15°13	10° 5	23°26	16°20	14°37	25°18	29°30
W22	22 34 34	6°53'45	10♁7	0♂1	24°36	17°49	15°24	16°54	15°14	10° 7	23°27	16°13	14°33	25°25	29°28
T 23	22 38 31	7°52'01	23°16	1°24	25°50	18°29	15°25	16°57	15°15	10° 9	23°29	16° 4	14°30	25°31	29°27
F 24	22 42 27	8°50'18	6°V40	2°45	27° 4	19° 9	15°25	17° 0	15°16	10°12	23°30	15°55	14°27	25°38	29°25
S 25	22 46 24	9°48'38	20°17	4° 5	28°18	19°49	15°26	17° 3	15°17	10°14	23°31	15°47	14°24	25°45	29°24
S 26	22 50 20	10°47'00	4♁4	5°23	29°32	20°29	15°26	17° 6	15°18	10°16	23°32	15°40	14°21	25°51	29°22
M27	22 54 17	11°45'24	17°58	6°40	0♂46	21° 9	15°R26	17° 9	15°19	10°18	23°34	15°35	14°18	25°58	29°20
T 28	22 58 14	12°43'50	1♁59	7°55	2° 0	21°49	15°26	17°12	15°19	10°21	23°35	15°D33	14°14	26° 5	29°19
W29	23 2 10	13°42'18	16° 5	9° 8	3°14	22°29	15°25	17°14	15°20	10°23	23°36	15°D33	14°11	26°11	29°17
T 30	23 6 7	14°40'49	0♂14	10°20	4°28	23° 9	15°25	17°17	15°21	10°25	23°37	15°33	14° 8	26°18	29°15
F 31	23 10 3	15°39'22	14♁25	11♂30	5♂42	23♂50	15♂24	17♀19	15♀22	10♁27	23♁38	15°R34	14♁5	26♁25	29°V13

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	15n54	17n49	3s29	14n20	1n33	13n20	1n27	1s23	0n18	15n 2	1s13	21n13	1s30	22n38	0n 1	9n 1	1n 0	24n23	2n53	22n26	22n35	21s21	11n19	0s 8
T 2	15 37	20 43	2 24	13 38	1 29	12 54	1 27	1 39	0 18	15 4	1 13	21 13	1 30	22 38	0 1	9 0	1 0	24 23	2 53	22 26	22 36	21 22	11 18	0 8
F 3	15 19	22 17	1 10	12 56	1 25	12 27	1 27	1 55	0 17	15 5	1 13	21 14	1 30	22 39	0 1	8 59	1 0	24 23	2 53	22 25	22 36	21 23	11 18	0 8
S 4	15 1 22	21 0n10	12 13	1 20	12 1	1 27	2 11	0 16	15 6	1 13	21 14	1 30	22 39	0 1	8 58	1 0	24 23	2 53	22 25	22 36	21 25	11 18	0 8	
S 5	14 43	20 53	1 28	11 30	1 15	11 33	1 26	2 27	0 15	15 7	1 14	21 15	1 31	22 39	0 1	8 57	1 0	24 23	2 53	22 25	22 37	21 26	11 18	0 8
M 6	14 24	18 3	2 41	10 46	1 9	11 6	1 26	2 43	0 15	15 8	1 14	21 15	1 31	22 39	0 1	8 57	1 0	24 23	2 53	22 26	22 37	21 27	11 17	0 8
T 7	14 6	14 10	3 42	10 2	1 3	10 38	1 26	2 59	0 14	15 9	1 14	21 16	1 31	22 40	0 1	8 56	1 0	24 22	2 53	22 26	22 37	21 28	11 17	0 8
W 8	13 47	9 35	4 28	9 19	0 57	10 10	1 25	3 15	0 13	15 10	1 14	21 16	1 31	22 40	0 1	8 55	1 0	24 22	2 53	22 27	22 38	21 29	11 17	0 9
T 9	13 27	4 37	4 57	8 35	0 51	9 42	1 25	3 31	0 12	15 11	1 14	21 16	1 31	22 40	0 1	8 54	1 0	24 22	2 54	22 28	22 38	21 30	11 16	0 9
F 10	13 8	0s24	5 10	7 50	0 44	9 13	1 24	3 47	0 12	15 12	1 14	21 17	1 31	22 40	0 1	8 53	1 0	24 22	2 54	22 28	22 39	21 31	11 16	0 9
S 11	12 48	5 16	5 7	7 6	0 38	8 44	1 23	4 3	0 11	15 12	1 15	21 17	1 31	22 40	0 1	8 53	1 0	24 22	2 54	22 29	22 39	21 32	11 16	0 9
S 12	12 29	9 48	4 48	6 22	0 31	8 15	1 23	4 19	0 10	15 13	1 15	21 18	1 31	22 41	0 1	8 52	1 0	24 22	2 54	22 29	22 39	21 34	11 15	0 9
M13	12 9	13 49	4 17	5 39	0 23	7 46	1 22	4 35	0 9	15 14	1 15	21 18	1 31	22 41	0 1	8 51	1 0	24 21	2 54	22 30	22 40	21 35	11 15	0 9
T 14	11 48	17 13	3 36	4 55	0 16	7 17	1 21	4 51	0 9	15 14	1 15	21 18	1 31	22 41	0 1	8 50	1 0	24 21	2 54	22 30	22 40	21 36	11 14	0 9
W15	11 28	19 52	2 45	4 11	0 8	6 47	1 20	5 6	0 8	15 15	1 15	21 19	1 31	22 41	0 1	8 49	1 0	24 21	2 54	22 30	22 40	21 37	11 14	0 9
T 16	11 7	21 40	1 47	3 28	0 0	6 17	1 19	5 22	0 7	15 15	1 15	21 19	1 31	22 41	0 1	8 48	1 0	24 21	2 54	22 29	22 41	21 38	11 13	0 9
F 17	10 47	22 30	0 45	2 45	0s 7	5 47	1 18	5 38	0 7	15 16	1 16	21 19	1 31	22 41	0 1	8 48	1 0	24 21	2 54	22 29	22 41	21 39	11 13	0 9
S 18	10 26	22 19	0s19	2 2	0 15	5 17	1 17	5 54	0 6	15 16	1 16	21 19	1 32	22 42	0 1	8 47	1 0	24 21	2 55	22 29	22 41	21 40	11 12	0 9
S 19	10 5	21 5	1 24	1 20	0 23	4 47	1 16	6 10	0 5	15 16	1 16	21 20	1 32	22 42	0 1	8 46	1 0	24 21	2 55	22 29	22 42	21 41	11 12	0 10
M20	9 43	18 49	2 26	0 38	0 32	4 16	1 14	6 26	0 4	15 17	1 16	21 20	1 32	22 42	0 1	8 45	1 0	24 21	2 55	22 30	22 42	21 42	11 11	0 10
T 21	9 22	15 37	3 21	0s 4	0 40	3 46	1 13	6 42	0 4	15 17	1 16	21 20	1 32	22 42	0 1	8 44	1 0	24 21	2 55	22 31	22 42	21 43	11 11	0 10
W22	9 0	11 37	4 8	0 45	0 48	3 15	1 12	6 58	0 3	15 17	1 16	21 20	1 32	22 42	0 1	8 43	1 0	24 20	2 55	22 31	22 43	21 44	11 10	0 10
T 23	8 39	7 0	4 42	1 25	0 57	2 44	1 10	7 14	0 2	15 17	1 17	21 21	1 32	22 42	0 1	8 43	1 0	24 20	2 55	22 32	22 43	21 46	11 9	0 10
F 24	8 17	1 58	5 2	2 5	1 5	2 13	1 9	7 30	0 1	15 17	1 17	21 21	1 32	22 42	0 1	8 42	1 0	24 20	2 55	22 34	22 43	21 47	11 9	0 10
S 25	7 55	3n14	5 5	2 45	1 13	1 42	1 7	7 46	0 1	15 17	1 17	21 21	1 32	22 43	0 1	8 41	1 0	24 20	2 55	22 35	22 44	21 48	11 8	0 10
S 26	7 33	8 21	4 50	3 24	1 22	1 11	1 6	8 1	0 0	15 17	1 17	21 21	1 32	22 43	0 1	8 40	1 0	24 20	2 56	22 35	22 44	21 49	11 7	0 10
M27	7 10	13 6	4 19	4 2	1 30	0 40	1 4	8 17	0s 1	15 17	1 17	21 21	1 32	22 43	0 1	8 39	1 0	24 20	2 56	22 36	22 45	21 50	11 7	0 10
T 28	6 48	17 10	3 31	4 39	1 38	0 9	1 2	8 33	0 1	15 17	1 17	21 22	1 32	22 43	0 1	8 38	1 0	24 20	2 56	22 36	22 45	21 51	11 6	0 10
W29	6 26	20 17	2 31	5 1																				

SWISS EPHEMERIS for the year 1442

SEPTEMBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	23 14 0	16 ^h 37'57"	28 ^h 37'	12 ^h 38'	6 ^h 56'	24 ^h 30'	15°R23	17 ^h 21'	15 ^h 22'	10 ^h 29'	23 ^h 39'	15°R33	14 ^h 2	26 ^h 31'	29°R11
S 2	23 17 56	17°36'34"	12 ^h 47'	13°44'	8°10'	25°11'	15 ^h 22'	17°24'	15°23'	10°32'	23°40'	15 ^h 30'	13°59'	26°38'	29°V 9
M 3	23 21 53	18°35'14"	26°52'	14°48'	9°24'	25°51'	15°20'	17°26'	15°23'	10°34'	23°41'	15°25'	13°55'	26°45'	29° 7
T 4	23 25 49	19°33'55"	10 ^h 48'	15°49'	10°38'	26°32'	15°19'	17°28'	15°24'	10°36'	23°43'	15°17'	13°52'	26°51'	29° 5
W 5	23 29 46	20°32'38"	24°31'	16°48'	11°52'	27°13'	15°17'	17°29'	15°24'	10°38'	23°44'	15° 7'	13°49'	26°58'	29° 3
T 6	23 33 43	21°31'24"	7 ^h 57'	17°44'	13° 6'	27°54'	15°15'	17°31'	15°25'	10°41'	23°45'	14°55'	13°46'	27° 5	29° 1
F 7	23 37 39	22°30'11"	21° 4'	18°37'	14°20'	28°34'	15°13'	17°33'	15°25'	10°43'	23°46'	14°44'	13°43'	27°11'	28°58
S 8	23 41 36	23°29'00"	3 ^h 51'	19°28'	15°35'	29°15'	15°10'	17°34'	15°25'	10°45'	23°47'	14°34'	13°39'	27°18'	28°56
S 9	23 45 32	24°27'51"	16°20'	20°14'	16°49'	29°56'	15° 8'	17°36'	15°25'	10°47'	23°47'	14°26'	13°36'	27°24'	28°54
M10	23 49 29	25°26'44"	28°32'	20°58'	18° 3'	0 ^h 37'	15° 5'	17°37'	15°25'	10°49'	23°48'	14°20'	13°33'	27°31'	28°51
T 11	23 53 25	26°25'39"	10 ^h 31'	21°37'	19°17'	1°19'	15° 2'	17°38'	15°26'	10°51'	23°49'	14°17'	13°30'	27°38'	28°49
W12	23 57 22	27°24'36"	22°22'	22°12'	20°30'	2° 0'	14°59'	17°40'	15°R26	10°54'	23°50'	14°16'	13°27'	27°44'	28°47
T 13	0 1 18	28°23'34"	4 ^h 10'	22°42'	21°44'	2°41'	14°56'	17°41'	15°26'	10°56'	23°51'	14°D16	13°24'	27°51'	28°44
F 14	0 5 15	29°22'34"	16° 1'	23° 7'	22°58'	3°23'	14°52'	17°41'	15°26'	10°58'	23°52'	14°R16	13°20'	27°58'	28°42
S 15	0 9 12	0 ^h 21'36"	28° 0'	23°27'	24°12'	4° 4'	14°48'	17°42'	15°25'	11° 0'	23°53'	14°15'	13°17'	28° 4'	28°39
S 16	0 13 8	1°20'40"	10 ^h 13'	23°41'	25°26'	4°45'	14°44'	17°43'	15°25'	11° 2'	23°53'	14°12'	13°14'	28°11'	28°37
M17	0 17 5	2°19'46"	22°42'	23°48'	26°40'	5°27'	14°40'	17°43'	15°25'	11° 4'	23°54'	14° 7'	13°11'	28°18'	28°34
T 18	0 21 1	3°18'53"	5 ^h 32'	23°R49	27°54'	6° 9'	14°36'	17°44'	15°25'	11° 6'	23°55'	14° 0'	13° 8'	28°24'	28°32
W19	0 24 58	4°18'02"	18°42'	23°42'	29° 8'	6°50'	14°31'	17°44'	15°24'	11° 8'	23°56'	13°49'	13° 4'	28°31'	28°29
T 20	0 28 54	5°17'14"	2°V14	23°28'	0 ^h 22'	7°32'	14°27'	17°44'	15°24'	11°11'	23°56'	13°37'	13° 1'	28°38'	28°26
F 21	0 32 51	6°16'27"	16° 3'	23° 6'	1°36'	8°14'	14°22'	17°45'	15°24'	11°13'	23°57'	13°25'	12°58'	28°44'	28°24
S 22	0 36 47	7°15'42"	0 ^h 7'	22°36'	2°50'	8°56'	14°17'	17°R45	15°23'	11°15'	23°58'	13°13'	12°55'	28°51'	28°21
S 23	0 40 44	8°15'00"	14°19'	21°57'	4° 4'	9°38'	14°12'	17°44'	15°23'	11°17'	23°58'	13° 4'	12°52'	28°58'	28°18
M24	0 44 40	9°14'20"	28°36'	21°11'	5°17'	10°20'	14° 6'	17°44'	15°22'	11°19'	23°59'	12°57'	12°49'	29° 4'	28°15
T 25	0 48 37	10°13'43"	12 ^h 52'	20°18'	6°31'	11° 2'	14° 1'	17°44'	15°22'	11°21'	24° 0'	12°52'	12°45'	29°11'	28°13
W26	0 52 34	11°13'08"	27° 4'	19°17'	7°45'	11°44'	13°55'	17°43'	15°21'	11°23'	24° 0'	12°51'	12°42'	29°17'	28°10
T 27	0 56 30	12°12'35"	11 ^h 12'	18°11'	8°59'	12°26'	13°50'	17°43'	15°20'	11°25'	24° 1'	12°50'	12°39'	29°24'	28° 7
F 28	1 0 27	13°12'04"	25°13'	17° 1'	10°13'	13° 9'	13°44'	17°42'	15°19'	11°27'	24° 1'	12°50'	12°36'	29°31'	28° 4
S 29	1 4 23	14°11'36"	9 ^h 8'	15°48'	11°27'	13°51'	13°37'	17°41'	15°19'	11°29'	24° 2'	12°49'	12°33'	29°37'	28° 1
S 30	1 8 20	15°11'11"	22 ^h 55'	14°35'	12 ^h 40'	14 ^h 34'	13°31'	17 ^h 41'	15°18'	11 ^h 31'	24° 2'	12°45'	12°30'	29°44'	27°V58

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	5n18	21n38	1n 9	7s 1	2s11	1s55	0n55	9s35	0s 4	15n15	1s18	21n22	1s33	22n43	0n 1	8n35	1n 0	24n20	2n56	22n36	22n46	21s55	11n 3	0s11
S 2	4 55	19 16	2 20	7 34	2 19	2 27	0 53	9 51	0 5	15 15	1 18	21 22	1 33	22 43	0 1	8 34	1 0	24 19	2 56	22 36	22 47	21 56	11 2	0 11
M 3	4 32	15 45	3 22	8 6	2 27	2 58	0 51	10 6	0 5	15 14	1 18	21 22	1 33	22 43	0 1	8 33	1 0	24 19	2 57	22 37	22 47	21 57	11 1	0 11
T 4	4 9	11 24	4 10	8 37	2 34	3 29	0 49	10 22	0 6	15 13	1 19	21 22	1 33	22 43	0 1	8 32	1 0	24 19	2 57	22 38	22 47	21 58	11 0	0 11
W 5	3 45	6 31	4 44	9 6	2 41	4 0	0 47	10 37	0 7	15 13	1 19	21 23	1 33	22 44	0 1	8 32	1 0	24 19	2 57	22 39	22 48	21 59	11 0	0 11
T 6	3 22	1 26	5 1	9 34	2 48	4 31	0 44	10 52	0 8	15 12	1 19	21 23	1 33	22 44	0 1	8 31	1 0	24 19	2 57	22 40	22 48	22 0	10 59	0 11
F 7	2 59	3s36	5 1	10 1	2 55	5 1	0 42	11 8	0 8	15 11	1 19	21 23	1 33	22 44	0 1	8 30	1 0	24 19	2 57	22 42	22 48	22 1	10 58	0 11
S 8	2 36	8 21	4 46	10 26	3 2	5 32	0 40	11 23	0 9	15 10	1 19	21 23	1 33	22 44	0 1	8 29	1 0	24 19	2 57	22 43	22 48	22 2	10 57	0 11
S 9	2 12	12 39	4 18	10 50	3 8	6 3	0 38	11 38	0 10	15 9	1 19	21 23	1 33	22 44	0 1	8 28	1 0	24 19	2 57	22 44	22 49	22 3	10 56	0 12
M10	1 49	16 21	3 38	11 11	3 14	6 33	0 35	11 53	0 10	15 9	1 20	21 23	1 34	22 44	0 1	8 28	1 0	24 19	2 57	22 44	22 49	22 4	10 55	0 12
T 11	1 25	19 18	2 49	11 31	3 19	7 4	0 33	12 8	0 11	15 8	1 20	21 23	1 34	22 44	0 1	8 27	1 0	24 19	2 58	22 45	22 49	22 5	10 54	0 12
W12	1 2	21 24	1 54	11 49	3 23	7 34	0 30	12 23	0 12	15 6	1 20	21 23	1 34	22 44	0 1	8 26	1 0	24 19	2 58	22 45	22 50	22 6	10 53	0 12
T 13	0 38	22 33	0 53	12 4	3 28	8 4	0 28	12 38	0 12	15 5	1 20	21 23	1 34	22 44	0 1	8 25	1 0	24 19	2 58	22 45	22 50	22 7	10 52	0 12
F 14	0 15	22 42	0s 9	12 16	3 31	8 34	0 25	12 53	0 13	15 4	1 20	21 23	1 34	22 44	0 1	8 24	1 0	24 19	2 58	22 45	22 50	22 8	10 51	0 12
S 15	0s 9	21 48	1 12	12 26	3 34	9 4	0 23	13 7	0 14	15 3	1 20	21 23	1 34	22 44	0 1	8 24	1 0	24 19	2 58	22 45	22 51	22 9	10 50	0 12
S 16	0 32	19 52	2 13	12 33	3 35	9 33	0 20	13 22	0 14	15 2	1 20	21 23	1 34	22 44	0 1	8 23	1 0	24 19	2 58	22 45	22 51	22 10	10 49	0 12
M17	0 56	16 58	3 9	12 36	3 36	10 2	0 18	13 37	0 15	15 0	1 20	21 23	1 34	22 44	0 1	8 22	1 0	24 19	2 58	22 46	22 51	22 11	10 48	0 12
T 18	1 19	13 10	3 56	12 36	3 36	10 32	0 15	13 51	0 15	14 59	1 21	21 23	1 34	22 44	0 1	8 21	1 0	24 19	2 59	22 46	22 52	22 11	10 47	0 12
W19	1 43	8 39	4 33	12 32	3 34	11 0	0 12	14 6	0 16	14 58	1 21	21 23	1 34	22 44	0 1	8 20	1 0	24 19	2 59	22 47	22 52	22 12	10 46	0 13
T 20	2 6	3 37	4 55	12 24	3 31	11 29	0 10	14 20	0 17	14 56	1 21	21 23	1 34	22 44	0 1	8 20	1 0	24 19	2 59	22 49	22 52	22 13	10 45	0 13
F 21	2 30	1n43	5 0	12 12	3 27	11 57	0 7	14 34	0 17	14 55	1 21	21 22	1 35	22 44	0 1	8 19	1 1	24 19	2 59	22 50	22 53	22 14	10 44	0 13
S 22	2 53	7 3	4 48	11 55	3 21	12 25	0 4	14 48	0 18	14 53	1 21	21 22	1 35	22 44	0 1	8 18	1 1	24 19	2 59	22 51	22 53	22 15	10 43	0 13
S 23	3 17	12 5	4 18	11 34	3 13	12 53	0 1	15 2	0 19	14 51	1 21	21 22	1 35	22 44	0 1	8 17	1 1	24 19	2 59	22 52	22 53	22 16	10 42	0 13
M24	3 40	16 28	3 31	11 7	3 3	13 21	0s 1	15 16	0 19	14 50	1 21	21 22	1 35	22 43	0 1	8 17	1 1	24 19	2 59	22 53	22 54	22 17	10 41	0 13
T 25	4 4	19 54	2 31	10 36	2 52	13 48	0 4	15 30	0 20	14 48	1 21	21 22	1 35	22 43	0 1	8 16	1 1	24 19	3 0	22 53	22 54	22 18	10 40	0 13
W26	4 27	22 6	1 22	10 1	2 39	14 15	0 7	15 44	0 21	14 46	1 21	21 22	1 35	22 43	0 1	8 15	1 1	24 19	3 0	22 53	22 54	22 19	10 39	0 13
T 27	4 50	22 54	0 9	9 22	2 23	14 41	0 10	15 57	0 21	14 44	1 21	21 22	1 35	22 43	0 1	8 14	1 1	24 19	3 0	22 53	22 54	22 20	10 38	0 13
F 28	5 14	22 13	1n 5	8 39	2 7	15 7	0 13	16 11	0 22	14 43	1 21	21 22	1 35	22 43	0 1	8 14	1 1	24 19	3 0	22 53	22 55	22 21	10 37	0 13

SWISS EPHEMERIS for the year 1442

OCTOBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	1 12 16	16♌10'47	6♍35	13°R23	13♌54	15♌16	13°R25	17°R40	15°R17	11♍32	24♌2	12°R39	12♌26	29♌51	27°R55
T 2	1 16 13	17°10'26	20° 6	12♌15	15° 8	15°59	13°18	17°38	15°16	11°34	24° 3	12♌29	12°23	29°57	27°53
W 3	1 20 9	18°10'06	3♌26	11°12	16°22	16°41	13°12	17°37	15°15	11°36	24° 3	12°17	12°20	0♌4	27°50
T 4	1 24 6	19° 9'49	16°32	10°17	17°35	17°24	13° 5	17°36	15°14	11°38	24° 4	12° 4	12°17	0°11	27°47
F 5	1 28 3	20° 9'34	29°24	9°31	18°49	18° 7	12°58	17°35	15°13	11°40	24° 4	11°50	12°14	0°17	27°44
S 6	1 31 59	21° 9'21	12♌0	8°56	20° 3	18°50	12°51	17°33	15°11	11°42	24° 4	11°38	12°10	0°24	27°41
S 7	1 35 56	22° 9'10	24°21	8°31	21°17	19°33	12°44	17°31	15°10	11°44	24° 4	11°28	12° 7	0°31	27°38
M 8	1 39 52	23° 9'01	6♌29	8°18	22°30	20°16	12°36	17°30	15° 9	11°45	24° 5	11°20	12° 4	0°37	27°35
T 9	1 43 49	24° 8'54	18°25	8°D16	23°44	20°59	12°29	17°28	15° 8	11°47	24° 5	11°16	12° 1	0°44	27°32
W10	1 47 45	25° 8'48	0♌15	8°25	24°58	21°42	12°22	17°26	15° 6	11°49	24° 5	11°14	11°58	0°51	27°29
T 11	1 51 42	26° 8'44	12° 1	8°45	26°11	22°25	12°14	17°24	15° 5	11°51	24° 5	11°D13	11°55	0°57	27°26
F 12	1 55 38	27° 8'42	23°51	9°14	27°25	23° 8	12° 7	17°21	15° 3	11°52	24° 5	11°R13	11°51	1° 4	27°23
S 13	1 59 35	28° 8'41	5♌49	9°53	28°39	23°52	11°59	17°19	15° 2	11°54	24° 6	11°13	11°48	1°10	27°20
S 14	2 3 32	29° 8'42	18° 0	10°40	29°52	24°35	11°51	17°17	15° 0	11°56	24° 6	11°11	11°45	1°17	27°17
M15	2 7 28	0♌8'45	0♌31	11°35	1♌6	25°19	11°43	17°14	14°59	11°57	24° 6	11° 8	11°42	1°24	27°14
T 16	2 11 25	1° 8'49	13°24	12°36	2°20	26° 2	11°35	17°12	14°57	11°59	24° 6	11° 1	11°39	1°30	27°11
W17	2 15 21	2° 8'55	26°43	13°42	3°33	26°46	11°27	17° 9	14°56	12° 0	24°R 6	10°52	11°36	1°37	27° 8
T 18	2 19 18	3° 9'03	10°V28	14°54	4°47	27°29	11°19	17° 6	14°54	12° 2	24° 6	10°42	11°32	1°44	27° 5
F 19	2 23 14	4° 9'12	24°36	16°10	6° 0	28°13	11°11	17° 3	14°52	12° 4	24° 6	10°31	11°29	1°50	27° 2
S 20	2 27 11	5° 9'23	9♌2	17°29	7°14	28°57	11° 3	17° 0	14°50	12° 5	24° 6	10°21	11°26	1°57	26°59
S 21	2 31 7	6° 9'36	23°41	18°52	8°27	29°41	10°55	16°57	14°49	12° 7	24° 6	10°12	11°23	2° 4	26°56
M22	2 35 4	7° 9'51	8♌24	20°17	9°41	0♌24	10°47	16°54	14°47	12° 8	24° 5	10° 6	11°20	2°10	26°53
T 23	2 39 1	8°10'08	23° 5	21°44	10°54	1° 8	10°39	16°51	14°45	12° 9	24° 5	10° 2	11°16	2°17	26°50
W24	2 42 57	9°10'27	7♌37	23°14	12° 7	1°52	10°31	16°48	14°43	12°11	24° 5	10°D 1	11°13	2°24	26°47
T 25	2 46 54	10°10'48	21°56	24°44	13°21	2°36	10°23	16°44	14°41	12°12	24° 5	10° 1	11°10	2°30	26°44
F 26	2 50 50	11°11'11	6♌1	26°16	14°34	3°21	10°14	16°41	14°39	12°14	24° 5	10°R 2	11° 7	2°37	26°41
S 27	2 54 47	12°11'36	19°51	27°49	15°47	4° 5	10° 6	16°37	14°37	12°15	24° 4	10° 2	11° 4	2°44	26°39
S 28	2 58 43	13°12'03	3♌27	29°22	17° 1	4°49	9°58	16°34	14°35	12°16	24° 4	10° 0	11° 1	2°50	26°36
M29	3 2 40	14°12'32	16°49	0♌56	18°14	5°33	9°50	16°30	14°33	12°17	24° 4	9°55	10°57	2°57	26°33
T 30	3 6 36	15°13'02	29°58	2°31	19°27	6°18	9°42	16°26	14°31	12°19	24° 4	9°49	10°54	3° 3	26°30
W31	3 10 33	16♌13'34	12♌55	4♌5	20♌41	7♌2	9♌34	16♌22	14♌29	12♌20	24♌3	9♌40	10♌51	3♌10	26♌27

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	6s23	12n53	4n 4	6s21	1s 9	16s24	0s21	16s50	0s24	14n37	1s22	21n21	1s35	22n43	0n 1
T 2	6 46	8 11	4 38	5 35	0 48	16 48	0 24	17 3	0 24	14 35	1 22	21 21	1 35	22 43	0 1
W 3	7 9	3 10	4 57	4 52	0 27	17 12	0 27	17 16	0 25	14 33	1 22	21 21	1 36	22 43	0 1
T 4	7 31	1s55	4 59	4 12	0 7	17 36	0 30	17 29	0 25	14 31	1 22	21 21	1 36	22 43	0 1
F 5	7 54	6 49	4 47	3 36	0n12	18 0	0 32	17 42	0 26	14 29	1 22	21 20	1 36	22 43	0 1
S 6	8 17	11 21	4 20	3 5	0 31	18 22	0 35	17 54	0 27	14 26	1 22	21 20	1 36	22 42	0 1
S 7	8 39	15 20	3 41	2 40	0 48	18 45	0 38	18 7	0 27	14 24	1 22	21 20	1 36	22 42	0 1
M 8	9 1	18 37	2 53	2 20	1 3	19 7	0 41	18 19	0 28	14 22	1 22	21 20	1 36	22 42	0 1
T 9	9 24	21 3	1 58	2 7	1 17	19 28	0 44	18 31	0 28	14 20	1 22	21 20	1 36	22 42	0 1
W10	9 46	22 33	0 58	1 59	1 29	19 49	0 47	18 43	0 29	14 18	1 22	21 19	1 36	22 42	0 1
T 11	10 7	23 2	0s 4	1 57	1 40	20 9	0 49	18 54	0 30	14 15	1 22	21 19	1 36	22 42	0 1
F 12	10 29	22 30	1 7	2 1	1 48	20 29	0 52	19 6	0 30	14 13	1 22	21 19	1 36	22 42	0 1
S 13	10 51	20 55	2 7	2 9	1 56	20 49	0 55	19 17	0 31	14 11	1 22	21 18	1 36	22 41	0 1
S 14	11 12	18 22	3 3	2 23	2 1	21 7	0 58	19 29	0 31	14 8	1 22	21 18	1 36	22 41	0 1
M15	11 33	14 55	3 51	2 40	2 6	21 26	1 0	19 40	0 32	14 6	1 22	21 18	1 36	22 41	0 1
T 16	11 54	10 41	4 29	3 1	2 9	21 43	1 3	19 51	0 32	14 4	1 22	21 18	1 36	22 41	0 1
W17	12 15	5 48	4 54	3 25	2 10	22 0	1 6	20 2	0 33	14 1	1 22	21 17	1 36	22 41	0 1
T 18	12 36	0 29	5 3	3 52	2 11	22 17	1 8	20 12	0 34	13 59	1 22	21 17	1 37	22 41	0 1
F 19	12 57	5n 0	4 54	4 22	2 11	22 32	1 11	20 23	0 34	13 56	1 22	21 17	1 37	22 40	0 1
S 20	13 17	10 21	4 26	4 53	2 10	22 48	1 14	20 33	0 35	13 54	1 22	21 16	1 37	22 40	0 1
S 21	13 37	15 11	3 41	5 26	2 8	23 2	1 16	20 43	0 35	13 51	1 22	21 16	1 37	22 40	0 1
M22	13 57	19 8	2 40	6 1	2 5	23 16	1 19	20 53	0 36	13 49	1 21	21 16	1 37	22 40	0 1
T 23	14 16	21 51	1 29	6 37	2 2	23 29	1 21	21 2	0 36	13 46	1 21	21 15	1 37	22 40	0 1
W24	14 36	23 5	0 13	7 13	1 58	23 42	1 24	21 12	0 37	13 44	1 21	21 15	1 37	22 39	0 1
T 25	14 55	22 46	1n 3	7 51	1 54	23 54	1 26	21 21	0 37	13 42	1 21	21 15	1 37	22 39	0 1
F 26	15 14	21 0	2 15	8 28	1 49	24 5	1 28	21 30	0 38	13 39	1 21	21 14	1 37	22 39	0 2
S 27	15 32	18 1	3 17	9 6	1 44	24 15	1 31	21 39	0 38	13 37	1 21	21 14	1 37	22 39	0 2
S 28	15 51	14 6	4 6	9 45	1 39	24 25	1 33	21 48	0 39	13 34	1 21	21 13	1 37	22 39	0 2
M29	16 9	9 32	4 42	10 23	1 33	24 34	1 35	21 57	0 39	13 32	1 21	21 13	1 37	22 38	0 2
T 30	16 27	4 37	5 1	11 1	1 27	24 42	1 37	22 5	0 40	13 29	1 21	21 13	1 37	22 38	0 2
W31	16s44	0s26	5n 5	11s39	1n21	24s50	1s39	22s13	0s40	13n27	1s20	21n12	1s37	22n38	0n 2

Julian Day Number = 2248021.5, Delta T = 263.93 sec

Ecliptic obliquity = 23°30'41", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 16°57'58", Lahiri = 16°04'58" Julian Calendar 1 Oct. 1442 == Greg. Calendar 10 Oct. 1442

SWISS EPHEMERIS for the year 1442

NOVEMBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	3 14 30	17 ^m 14°09	25 ^h 40	5 ^m 40	21 ^h 54	7 ^h 47	9°R26	16°R18	14°R27	12 ^m 21	24°R 3	9°R30	10 ^h 48	3 ^h 17	26°R25
F 2	3 18 26	18°14'44	8 ^m 13	7°16	23° 7	8°31	9 ^h 18	16 ^h 14	14 ^h 24	12°22	24 ^h 2	9 ^h 20	10°45	3°23	26°V22
S 3	3 22 23	19°15'22	20°34	8°51	24°20	9°16	9°10	16°10	14°22	12°23	24° 2	9°11	10°41	3°30	26°19
S 4	3 26 19	20°16'01	2 ^h 44	10°26	25°33	10° 0	9° 2	16° 6	14°20	12°24	24° 2	9° 3	10°38	3°37	26°16
M 5	3 30 16	21°16'41	14°44	12° 2	26°47	10°45	8°54	16° 2	14°18	12°26	24° 1	8°58	10°35	3°43	26°14
T 6	3 34 12	22°17'23	26°36	13°37	28° 0	11°30	8°46	15°58	14°15	12°27	24° 1	8°55	10°32	3°50	26°11
W 7	3 38 9	23°18'05	8 ^h 24	15°12	29°13	12°15	8°39	15°53	14°13	12°28	24° 0	8°D54	10°29	3°57	26° 9
T 8	3 42 5	24°18'50	20° 9	16°47	0 ^h 26	13° 0	8°31	15°49	14°11	12°29	23°59	8°54	10°26	4° 3	26° 6
F 9	3 46 2	25°19'35	1 ^h 58	18°22	1°39	13°44	8°23	15°44	14° 8	12°29	23°59	8°56	10°22	4°10	26° 3
S 10	3 49 59	26°20'21	13°54	19°57	2°52	14°29	8°16	15°40	14° 6	12°30	23°58	8°57	10°19	4°17	26° 1
S 11	3 53 55	27°21'09	26° 3	21°32	4° 5	15°15	8° 9	15°35	14° 3	12°31	23°58	8°R58	10°16	4°23	25°58
M12	3 57 52	28°21'57	8 ^h 29	23° 7	5°18	16° 0	8° 2	15°31	14° 1	12°32	23°57	8°57	10°13	4°30	25°56
T 13	4 1 48	29°22'46	21°19	24°41	6°30	16°45	7°54	15°26	13°59	12°33	23°56	8°55	10°10	4°37	25°54
W14	4 5 45	0 ^h 23'36	4 ^h Y34	26°16	7°43	17°30	7°47	15°21	13°56	12°34	23°56	8°51	10° 7	4°43	25°51
T 15	4 9 41	1°24'27	18°18	27°50	8°56	18°15	7°41	15°17	13°54	12°34	23°55	8°46	10° 3	4°50	25°49
F 16	4 13 38	2°25'19	2 ^h 30	29°25	10° 9	19° 1	7°34	15°12	13°51	12°35	23°54	8°40	10° 0	4°56	25°47
S 17	4 17 34	3°26'12	17° 6	0 ^h 59	11°21	19°46	7°27	15° 7	13°49	12°36	23°54	8°34	9°57	5° 3	25°45
S 18	4 21 31	4°27'06	2 ^h II 1	2°33	12°34	20°31	7°21	15° 2	13°46	12°36	23°53	8°30	9°54	5°10	25°42
M19	4 25 28	5°28'01	17° 5	4° 7	13°46	21°17	7°14	14°58	13°44	12°37	23°52	8°26	9°51	5°16	25°40
T 20	4 29 24	6°28'58	2 ^h 9	5°42	14°59	22° 2	7° 8	14°53	13°41	12°38	23°51	8°D25	9°47	5°23	25°38
W21	4 33 21	7°29'55	17° 5	7°16	16°11	22°48	7° 2	14°48	13°39	12°38	23°50	8°25	9°44	5°30	25°36
T 22	4 37 17	8°30'53	1 ^h Ω4	8°50	17°24	23°33	6°56	14°43	13°36	12°39	23°49	8°26	9°41	5°36	25°34
F 23	4 41 14	9°31'53	16° 7	10°24	18°36	24°19	6°51	14°38	13°34	12°39	23°49	8°28	9°38	5°43	25°32
S 24	4 45 10	10°32'54	0 ^h II 6	11°59	19°48	25° 5	6°45	14°33	13°31	12°40	23°48	8°29	9°35	5°50	25°30
S 25	4 49 7	11°33'56	13°43	13°33	21° 1	25°50	6°40	14°28	13°28	12°40	23°47	8°R29	9°32	5°56	25°28
M26	4 53 3	12°34'58	27° 0	15° 8	22°13	26°36	6°34	14°23	13°26	12°40	23°46	8°29	9°28	6° 3	25°27
T 27	4 57 0	13°36'02	9 ^h 57	16°42	23°25	27°22	6°29	14°18	13°23	12°41	23°45	8°26	9°25	6°10	25°25
W28	5 0 57	14°37'07	22°39	18°17	24°37	28° 8	6°24	14°13	13°21	12°41	23°44	8°23	9°22	6°16	25°23
T 29	5 4 53	15°38'13	5 ^m 7	19°52	25°49	28°54	6°20	14° 8	13°18	12°41	23°43	8°20	9°19	6°23	25°21
F 30	5 8 50	16°39'20	17 ^m 23	21 ^h 27	27 ^h 1	29°40	6 ^h 15	14 ^h 3	13 ^h 16	12 ^m 42	23 ^h 42	8 ^h 16	9 ^h 16	6 ^h 30	25°V20

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s 2	5s23	4n54	12s17	1n15	24s57	1s41	22s21	0s41	13n24	1s20	21n12	1s37	22n38	0n 2	
F 2	17 19 10	3 4 28	12 54	1 8 25	3 1 43	22 28	0 41	13 22	1 20	21 11	1 37	22 37	0 2	7 54	1 2 24 24	
S 3	17 36 14	14 4 3 51	13 31	1 2 25	9 1 45	22 36	0 42	13 20	1 20	21 11	1 37	22 37	0 2	7 53	1 2 24 24	
S 4	17 52 17	47 3 3 14	8 0 55	25 13	1 47	22 43	0 42	13 17	1 20	21 11	1 37	22 37	0 2	7 53	1 2 24 25	
M 5	18 8 20	32 2 7 14	44 0 48	25 17	1 49	22 50	0 43	13 15	1 20	21 10	1 37	22 37	0 2	7 52	1 2 24 25	
T 6	18 24 22	22 1 6 15	19 0 41	25 20	1 51	22 57	0 43	13 13	1 20	21 10	1 37	22 36	0 2	7 52	1 2 24 25	
W 7	18 39 23	12 0 3 15	54 0 34	25 23	1 52	23 3	0 44	13 10	1 19	21 9	1 37	22 36	0 2	7 52	1 2 24 25	
T 8	18 54 23	0 1s 1	16 28	0 28	25 25	1 54	23 10	0 44	13 8	1 19	21 9	1 37	22 36	0 2	7 51	1 2 24 26
F 9	19 9 21	46 2 2 17	1 0 21	25 26	1 56	23 16	0 45	13 6	1 19	21 8	1 37	22 36	0 2	7 51	1 2 24 26	
S 10	19 24 19	33 2 59	17 34	0 14	25 26	1 57	23 21	0 45	13 4	1 19	21 8	1 37	22 35	0 2	7 51	1 2 24 26
S 11	19 38 16	27 3 48	18 5 0	7 25	25 1 58	23 27	0 46	13 1	1 19	21 8	1 37	22 35	0 2	7 50	1 2 24 26	
M12	19 51 12	33 4 29	18 36 0	0 25	24 2 0	23 32	0 46	12 59	1 18	21 7	1 37	22 35	0 2	7 50	1 2 24 26	
T 13	20 5 8	0 4 57	19 6 0s	7 25	22 2 1	23 37	0 47	12 57	1 18	21 7	1 37	22 34	0 2	7 50	1 2 24 27	
W14	20 18 2 56	5 10 19	35 0 13	25 19 2	2 23	42 0 47	12 55 1 18	21 6 1 37	22 34 0 2	7 50 1 2 24 27	3 7 23 13 23	7 22 57	9 45	0 17		
T 15	20 30 2n28	5 7 20	4 0 20	25 15 2	3 23	47 0 48	12 53 1 18	21 6 1 37	22 34 0 2	7 49 1 2 24 27	3 7 23 13 23	8 22 57	9 44	0 17		
F 16	20 42 7 55	4 45 20	31 0 26	25 11 2	4 23	51 0 48	12 51 1 18	21 5 1 37	22 34 0 2	7 49 1 3 24 28	3 7 23 14 23	8 22 58	9 43	0 18		
S 17	20 54 13 5	4 4 40	57 0 33	25 6 2	5 23	55 0 48	12 49 1 17	21 5 1 37	22 33 0 2	7 49 1 3 24 28	3 7 23 14 23	8 22 58	9 42	0 18		
S 18	21 6 17	35 3 6 21	22 0 39	25 0 2	6 23	59 0 49	12 47 1 17	21 4 1 36	22 33 0 2	7 49 1 3 24 28	3 7 23 14 23	8 22 59	9 41	0 18		
M19	21 17 20	59 1 54	21 47 0 45	24 54 2	7 24 3	0 49	12 46 1 17	21 4 1 36	22 33 0 2	7 49 1 3 24 28	3 7 23 14 23	9 23 0	9 41	0 18		
T 20	21 27 22	55 0 34	22 10 0 51	24 47 2	7 24 6	0 50	12 44 1 17	21 3 1 36	22 32 0 2	7 48 1 3 24 29	3 8 23 15 23	9 23 0	9 40	0 18		
W21	21 38 23	12 0n47	22 32 0 57	24 39 2	8 24 9	0 50	12 42 1 16	21 3 1 36	22 32 0 2	7 48 1 3 24 29	3 8 23 15 23	9 23 1	9 39	0 18		
T 22	21 47 21	51 2 5	22 53 1 3	24 30 2	8 24 12	0 51	12 40 1 16	21 2 1 36	22 32 0 2	7 48 1 3 24 29	3 8 23 14 23	9 23 2	9 38	0 18		
F 23	21 57 19	7 3 12	23 13 1 9	24 20 2	9 24 14	0 51	12 39 1 16	21 2 1 36	22 32 0 2	7 48 1 3 24 29	3 8 23 14 23	10 23 2	9 37	0 18		
S 24	22 6 15	19 4 7 23	31 1 14	24 10 2	9 24 17	0 51	12 37 1 16	21 1 1 36	22 31 0 2	7 48 1 3 24 30	3 8 23 14 23	10 23 3	9 37	0 18		
S 25	22 14 10	49 4 46	23 49 1 20	24 0 2	9 24 19	0 52	12 36 1 15	21 1 1 36	22 31 0 2	7 48 1 3 24 30	3 8 23 14 23	10 23 3	9 36	0 18		
M26	22 22 5 55	5 8 24	5 1 25	23 48 2	9 24 20	0 52	12 34 1 15	21 0 1 36	22 31 0 2	7 48 1 3 24 30	3 8 23 14 23	10 23 4	9 35	0 18		
T 27	22 30 0 52	5 14 24	20 1 30	23 36 2	9 24 22	0 53	12 33 1 15	21 0 1 36	22 30 0 2	7 47 1 3 24 31	3 8 23 14 23	11 23 4	9 34	0 18		
W28	22 37 4s 7	5 5 24	34 1 34	23 33 2	9 24 23	0 53	12 31 1 15	20 59 1 36	22 30 0 2	7 47 1 3 24 31	3 8 23 15 23	11 23 5	9 34	0 18		
T 29	22 44 8 51	4 41 24	46 1 39	23 10 2	9 24 24	0 53	12 30 1 14	20 59 1 36	22 30 0 2	7 47 1 3 24 31	3 9 23 15 23	11 23 6	9 33	0 19		
F 30	22s50	13s 9	4n 5	24s57	1s43	22s55	2s 9	24s24	0s54	12n29	1s14	20n58	1s36	22n29	0n 2	

Julian Day Number = 2248052.5, Delta T = 263.83 sec
 Ecliptic obliquity = 23°30'40", Nutation = - 0°00'18"
 Ayanamsha: Fagan/Bradley = 16°58'03", Lahiri = 16°05'03" Julian Calendar 1 Nov. 1442 == Greg. Calendar 10 Nov. 1442

SWISS EPHEMERIS for the year 1442

DECEMBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	5 12 46	17°40'27	29♐29	23♌2	28♋13	0♉26	6°R11	13°R58	13°R13	12♑42	23°R41	8°R12	9♄13	6♋36	25°R18
S 2	5 16 43	18°41'36	11♌28	24°37	29°24	1°12	6♁ 7	13♐53	13♐11	12°42	23♄40	8♄ 9	9° 9	6°43	25°Y17
M 3	5 20 39	19°42'45	23°21	26°12	0♉36	1°58	6° 3	13°48	13° 8	12°42	23°39	8° 8	9° 6	6°49	25°15
T 4	5 24 36	20°43'54	5♋10	27°48	1°48	2°44	5°59	13°43	13° 5	12°42	23°38	8°D 7	9° 3	6°56	25°14
W 5	5 28 32	21°45'04	16°56	29°24	2°59	3°31	5°55	13°39	13° 3	12°42	23°37	8° 7	9° 0	7° 3	25°13
T 6	5 32 29	22°46'14	28°43	0♉59	4°11	4°17	5°52	13°34	13° 0	12°R42	23°35	8° 8	8°57	7° 9	25°11
F 7	5 36 26	23°47'24	10♉34	2°35	5°22	5° 3	5°48	13°29	12°58	12°42	23°34	8° 9	8°53	7°16	25°10
S 8	5 40 22	24°48'34	22°32	4°11	6°33	5°49	5°45	13°24	12°55	12°42	23°33	8°11	8°50	7°23	25° 9
S 9	5 44 19	25°49'45	4♌40	5°48	7°45	6°36	5°43	13°19	12°53	12°42	23°32	8°12	8°47	7°29	25° 8
M10	5 48 15	26°50'55	17° 5	7°24	8°56	7°22	5°40	13°14	12°50	12°42	23°31	8°13	8°44	7°36	25° 7
T 11	5 52 12	27°52'06	29°48	9° 0	10° 7	8° 9	5°38	13°10	12°48	12°42	23°30	8°R13	8°41	7°43	25° 6
W12	5 56 8	28°53'16	12°Y56	10°36	11°18	8°55	5°35	13° 5	12°46	12°42	23°29	8°13	8°38	7°49	25° 5
T 13	6 0 5	29°54'26	26°29	12°12	12°28	9°42	5°33	13° 0	12°43	12°41	23°27	8°12	8°34	7°56	25° 4
F 14	6 4 1	0♉55'36	10♉31	13°48	13°39	10°28	5°32	12°56	12°41	12°41	23°26	8°11	8°31	8° 3	25° 3
S 15	6 7 58	1°56'46	24°59	15°23	14°50	11°15	5°30	12°51	12°38	12°41	23°25	8°10	8°28	8° 9	25° 2
S 16	6 11 55	2°57'56	9♐50	16°58	16° 0	12° 1	5°29	12°47	12°36	12°41	23°24	8°10	8°25	8°16	25° 2
M17	6 15 51	3°59'06	24°58	18°33	17°10	12°48	5°27	12°42	12°34	12°40	23°22	8° 9	8°22	8°22	25° 1
T 18	6 19 48	5° 0'16	10♄13	20° 7	18°20	13°35	5°27	12°38	12°31	12°40	23°21	8°D 9	8°19	8°29	25° 0
W19	6 23 44	6° 1'25	25°25	21°40	19°30	14°21	5°26	12°33	12°29	12°39	23°20	8° 9	8°15	8°36	25° 0
T 20	6 27 41	7° 2'35	10♁25	23°12	20°40	15° 8	5°25	12°29	12°27	12°39	23°19	8° 9	8°12	8°42	24°59
F 21	6 31 37	8° 3'45	25° 6	24°42	21°50	15°55	5°25	12°25	12°25	12°39	23°17	8°R 9	8° 9	8°49	24°59
S 22	6 35 34	9° 4'54	9♑21	26°11	23° 0	16°42	5°D25	12°21	12°22	12°38	23°16	8° 9	8° 6	8°56	24°59
S 23	6 39 31	10° 6'04	23°10	27°38	24° 9	17°28	5°25	12°17	12°20	12°37	23°15	8° 9	8° 3	9° 2	24°59
M24	6 43 27	11° 7'14	6♋33	29° 2	25°19	18°15	5°25	12°13	12°18	12°37	23°13	8°D 9	7°59	9° 9	24°58
T 25	6 47 24	12° 8'23	19°30	0♉23	26°28	19° 2	5°26	12° 9	12°16	12°36	23°12	8° 9	7°56	9°16	24°58
W26	6 51 20	13° 9'33	2♐ 7	1°41	27°37	19°49	5°26	12° 5	12°14	12°36	23°11	8° 9	7°53	9°22	24°58
T 27	6 55 17	14°10'43	14°27	2°54	28°46	20°36	5°27	12° 1	12°12	12°35	23°10	8°10	7°50	9°29	24°D58
F 28	6 59 13	15°11'52	26°33	4° 3	29°54	21°23	5°28	11°57	12°10	12°34	23° 8	8°11	7°47	9°36	24°58
S 29	7 3 10	16°13'01	8♌30	5° 6	1♌ 3	22°10	5°30	11°54	12° 8	12°34	23° 7	8°12	7°44	9°42	24°58
S 30	7 7 6	17°14'10	20°20	6° 3	2°11	22°57	5°31	11°50	12° 6	12°33	23° 6	8°12	7°40	9°49	24°58
M31	7 11 3	18°15'19	2♋ 8	6♉52	3♌19	23♋44	5♃33	11♐47	12♐ 4	12♑32	23♄ 4	8♄13	7♄37	9♋56	24°Y59

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	22s56	16s53	3n18	25s 7	1s47	22s41	2s 8	24s25	0s54	12n28	1s14	20n58	1s35	22n29	0n 2	7n47	1n 3	24n32	3n 9	23n15	23n11	23s 7	9n32	0s19
S 2	23 2 19 53	2 22 25 15	1 51 22 25	2 8 24 25	0 54 12 26	1 14 20 57	1 35 22 29	0 2 7 47	1 3 24 32	3 9 23 16	23 12 23 7	9 31 0 19												
M 3	23 7 22 0	1 21 25 22	1 54 22 9	2 7 24 25	0 55 12 25	1 13 20 57	1 35 22 28	0 2 7 47	1 3 24 32	3 9 23 16	23 12 23 8	9 30 0 19												
T 4	23 11 23 8	0 16 25 27	1 58 21 53	2 7 24 24	0 55 12 24	1 13 20 57	1 35 22 28	0 2 7 47	1 3 24 33	3 9 23 16	23 12 23 8	9 30 0 19												
W 5	23 15 23 14	0s49	25 31	2 0 21 35	2 6 24 23	0 55 12 23	1 13 20 56	1 35 22 28	0 2 7 47	1 3 24 33	3 9 23 16	23 12 23 9	9 29 0 19											
T 6	23 19 22 18	1 52 25 33	2 3 21 18	2 5 24 22	0 56 12 23	1 12 20 56	1 35 22 28	0 2 7 47	1 3 24 33	3 10 23 16	23 13 23 9	9 29 0 19												
F 7	23 22 20 22	2 51 25 34	2 5 20 59	2 4 24 21	0 56 12 22	1 12 20 55	1 35 22 27	0 2 7 47	1 3 24 34	3 10 23 16	23 13 23 10	9 28 0 19												
S 8	23 25 17 33	3 42 25 34	2 7 20 40	2 3 24 19	0 56 12 21	1 12 20 55	1 35 22 27	0 2 7 47	1 4 24 34	3 10 23 15	23 13 23 10	9 28 0 19												
S 9	23 27 13 56	4 25 25 31	2 9 20 21	2 2 24 18	0 57 12 20	1 11 20 54	1 34 22 27	0 2 7 47	1 4 24 34	3 10 23 15	23 13 23 11	9 27 0 19												
M10	23 28 9 40	4 57 25 28	2 10 20 1	2 0 24 15	0 57 12 20	1 11 20 54	1 34 22 26	0 2 7 48	1 4 24 35	3 10 23 15	23 13 23 11	9 27 0 19												
T 11	23 30 4 53	5 14 25 22	2 10 19 40	1 59 24 13	0 57 12 19	1 11 20 53	1 34 22 26	0 2 7 48	1 4 24 35	3 10 23 15	23 14 23 12	9 26 0 19												
W12	23 30 0n15	5 17 25 15	2 11 19 19	1 57 24 10	0 58 12 19	1 11 20 53	1 34 22 26	0 2 7 48	1 4 24 35	3 10 23 15	23 14 23 12	9 26 0 19												
T 13	23 31 5 33	5 2 25 7	2 10 18 58	1 56 24 7	0 58 12 19	1 10 20 52	1 34 22 25	0 2 7 48	1 4 24 35	3 10 23 15	23 14 23 13	9 26 0 20												
F 14	23 30 10 46	4 29 24 56	2 9 18 36	1 54 24 4	0 58 12 18	1 10 20 52	1 34 22 25	0 2 7 48	1 4 24 36	3 10 23 15	23 14 23 13	9 25 0 20												
S 15	23 30 15 33	3 38 24 45	2 8 18 13	1 52 24 0	0 59 12 18	1 10 20 52	1 34 22 25	0 2 7 48	1 4 24 36	3 11 23 16	23 14 23 14	9 25 0 20												
S 16	23 29 19 30	2 31 24 31	2 6 17 50	1 50 23 57	0 59 12 18	1 9 20 51	1 33 22 25	0 2 7 48	1 4 24 36	3 11 23 16	23 15 23 14	9 25 0 20												
M17	23 27 22 12	1 13 24 16	2 4 17 27	1 48 23 52	0 59 12 18	1 9 20 51	1 33 22 24	0 2 7 48	1 4 24 37	3 11 23 16	23 15 23 15	9 24 0 20												
T 18	23 25 23 18	0n11	23 59	2 1 17 3	1 46 23 48	0 59 12 18	1 9 20 50	1 33 22 24	0 2 7 49	1 4 24 37	3 11 23 16	23 15 23 15	9 24 0 20											
W19	23 22 22 40	1 35 23 41	1 57 16 39	1 43 23 43	1 0 12 18	1 8 20 50	1 33 22 24	0 2 7 49	1 4 24 37	3 11 23 16	23 15 23 16	9 24 0 20												
T 20	23 19 20 25	2 50 23 21	1 52 16 14	1 41 23 39	1 0 12 18	1 8 20 50	1 33 22 23	0 2 7 49	1 4 24 38	3 11 23 16	23 15 23 16	9 24 0 20												
F 21	23 16 16 51	3 53 23 0	1 47 15 49	1 38 23 33	1 0 12 18	1 8 20 49	1 33 22 23	0 2 7 49	1 4 24 38	3 11 23 16	23 16 23 17	9 23 0 20												
S 22	23 12 12 23	4 39 22 38	1 41 15 24	1 36 23 28	1 0 12 18	1 8 20 49	1 32 22 23	0 2 7 50	1 4 24 38	3 11 23 16	23 16 23 17	9 23 0 20												
S 23	23 8 7 25	5 7 22 14	1 34 14 58	1 33 23 22	1 1 12 19	1 7 20 49	1 32 22 23	0 2 7 50	1 4 24 39	3 11 23 16	23 16 23 17	9 23 0 20												
M24	23 3 2 16	5 18 21 49	1 26 14 32	1 30 23 16	1 1 12 19	1 7 20 48	1 32 22 22	0 2 7 50	1 4 24 39	3 11 23 16	23 16 23 18	9 23 0 20												
T 25	22 57 2s50	5 12 21 24	1 18 14 6	1 27 23 10	1 1 12 19	1 7 20 48	1 32 22 22	0 2 7 50	1 4 24 39	3 11 23 16	23 16 23 18	9 23 0 20												
W26	22 51 7 42	4 51 20 57	1 8 13 39	1 24 23 3	1 1 12 20	1 6 20 48	1 32 22 22	0 2 7 51	1 4 24 40	3 12 23 16	23 17 23 19	9 23 0 20												
T 27	22 45 12 8	4 17 20 30	0 58 13 12	1 21 22 56	1 2 12 20	1 6 20 47	1 32 22 21	0 2 7 51	1 4 24 40	3 12 23 16	23 17 23 19	9 23 0 20												
F 28	22 39 16 1	3 32 20 3	0 46 12 45	1 17 22 49	1 2 12 21	1 6 20 47	1 31 22 21	0 2 7 51	1 4 24 40	3 12 23 15	23 17 23 20	9 23 0 21												
S 29	22 31 19 11	2 38 19 35	0 33 12 17	1 14 22 42	1 2 12 22	1 5 20 47	1 31 22 21	0 2 7 52	1 4 24 40	3 12 23 15	23 17 23 20	9 23 0 21												
S 30	22 24 21 32	1 38 19 8	0 20 11 49	1 10 22 34	1 2 12 23	1 5 20 46	1 31 22 21	0 2 7 52	1 4 24 41	3 12 23 15	23 17 23 20	9 23 0 21												
M31	22s16	22s56	0n34	18s42	0s 5	11s21	1s 7	22s27	1s 2	12n23	1s 5	20n46	1s31	22n20	0n 2	7n52	1n 4	24n41	3n12	23n15	23n17	23s21	9n23	0s21

Julian Day Number = 2248082.5, Delta T = 263.73 sec

Ecliptic obliquity = 23°30'40, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 16°58'07, Lahiri = 16°05'07 Julian Calendar 1 Dec. 1442 == Greg. Calendar 10 Dec. 1442