

SWISS EPHEMERIS for the year 1441

JANUARY 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
S 1	7 16 54	19°36'05	25°47'	19°33'	22°47'	9°35'	2°23'	12°R25	3°R 6	8°R 4	20°R15	15°R 9	16°Ω14	18°Ω38	16°Υ47	
M 2	7 20 51	20°47'10	9°8'58	21°13'	4° 2'	10° 1'	2°35'	12°R25	3°II 5	8°II 3	20°R13	15°Ω 8	16°10	18°44	16°48	
T 3	7 24 48	21°48'15	24° 5'	22°53'	5°17'	10°47'	2°48'	12°25'	3° 3'	8° 2'	20°12	15° 5'	16° 7'	18°51	16°48	
W 4	7 28 44	22°49'19	8°II10	24°35'	6°33'	11°33'	3° 1'	12°D24	3° 2'	8° 1'	20°11	15° 2'	16° 4'	18°58	16°49	
T 5	7 32 41	23°50'21	22° 6'	26°17'	7°48'	12°19'	3°14'	12°24'	3° 1'	8° 0'	20° 9'	14°59'	16° 1'	19° 4'	16°50	
F 6	7 36 37	24°51'23	5°Ω51	27°59'	9° 3'	13° 5'	3°26'	12°25'	2°59'	7°59'	20° 8'	14°56'	15°58'	19°11'	16°51	
S 7	7 40 34	25°52'24	19°22'	29°42'	10°18'	13°51'	3°39'	12°25'	2°58'	7°58'	20° 7'	14°54'	15°55'	19°18'	16°53	
S 8	7 44 30	26°53'24	2°Ω37	1°Ω26	11°33'	14°38'	3°52'	12°25'	2°57'	7°57'	20° 5'	14°52'	15°51'	19°25'	16°54	
M 9	7 48 27	27°54'23	15°34'	3°10'	12°48'	15°24'	4° 5'	12°26'	2°56'	7°55'	20° 4'	14°D52	15°48'	19°31'	16°55	
T 10	7 52 23	28°55'22	28°15'	4°54'	14° 3'	16°10'	4°18'	12°26'	2°54'	7°54'	20° 3'	14°52'	15°45'	19°38'	16°56	
W 11	7 56 20	29°56'19	10°II39	6°39'	15°19'	16°57'	4°32'	12°27'	2°53'	7°53'	20° 1'	14°53'	15°42'	19°45'	16°58	
T 12	8 0 17	0°Ω57'16	22°49'	8°24'	16°34'	17°43'	4°45'	12°28'	2°52'	7°52'	20° 0'	14°55'	15°39'	19°51'	16°59	
F 13	8 4 13	1°58'12	4°Ω49	10°10'	17°49'	18°29'	4°58'	12°29'	2°51'	7°51'	19°59'	14°56'	15°35'	19°58'	17° 1'	
S 14	8 8 10	2°59'07	16°43'	11°56'	19° 4'	19°16'	5°11'	12°30'	2°50'	7°49'	19°58'	14°57'	15°32'	20° 5'	17° 2'	
S 15	8 12 6	4° 0'01	28°35'	13°41'	20°19'	20° 2'	5°25'	12°31'	2°50'	7°48'	19°56'	14°58'	15°29'	20°11'	17° 4'	
M 16	8 16 3	5° 0'55	10°II29	15°27'	21°34'	20°49'	5°38'	12°32'	2°49'	7°47'	19°55'	14°R58	15°26'	20°18'	17° 5'	
T 17	8 19 59	6° 1'47	22°31'	17°13'	22°49'	21°35'	5°52'	12°33'	2°48'	7°45'	19°54'	14°57'	15°23'	20°25'	17° 7'	
W 18	8 23 56	7° 2'39	4°Ω45	18°58'	24° 4'	22°22'	6° 5'	12°35'	2°47'	7°44'	19°52'	14°56'	15°20'	20°32'	17° 9'	
T 19	8 27 52	8° 3'30	17°15'	20°42'	25°18'	23° 9'	6°19'	12°36'	2°47'	7°43'	19°51'	14°55'	15°16'	20°38'	17°10	
F 20	8 31 49	9° 4'20	0°Ω 5'	22°26'	26°33'	23°55'	6°33'	12°38'	2°46'	7°41'	19°50'	14°55'	15°13'	20°45'	17°12	
S 21	8 35 46	10° 5'09	13°15'	24° 8'	27°48'	24°42'	6°46'	12°40'	2°45'	7°40'	19°49'	14°54'	15°10'	20°52'	17°14	
S 22	8 39 42	11° 5'57	26°46'	25°49'	29° 3'	25°28'	7° 0'	12°42'	2°45'	7°38'	19°48'	14°54'	15° 7'	20°58'	17°16	
M 23	8 43 39	12° 6'43	10°Ω37	27°27'	0°II 18	26°15'	7°14'	12°44'	2°44'	7°37'	19°46'	14°D53	15° 4'	21° 5'	17°18	
T 24	8 47 35	13° 7'28	24°45'	29° 4'	1°33'	27° 2'	7°28'	12°46'	2°44'	7°35'	19°45'	14°53'	15° 0'	21°12'	17°20	
W 25	8 51 32	14° 8'12	9°II 5'	0°II37	2°48'	27°49'	7°42'	12°48'	2°44'	7°34'	19°44'	14°53'	14°57'	21°19'	17°22	
T 26	8 55 28	15° 8'54	23°32'	2° 6'	4° 2'	28°35'	7°56'	12°51'	2°43'	7°32'	19°43'	14°R53	14°54'	21°25'	17°24	
F 27	8 59 25	16° 9'34	8°Υ 2'	3°32'	5°17'	29°22'	8°10'	12°53'	2°43'	7°31'	19°42'	14°53'	14°51'	21°32'	17°27	
S 28	9 3 21	17°10'13	22°28'	4°52'	6°32'	0°Ω 9'	8°24'	12°56'	2°43'	7°29'	19°40'	14°53'	14°48'	21°39'	17°29	
S 29	9 7 18	18°10'50	6°Ω47	6° 7'	7°47'	0°56'	8°38'	12°58'	2°43'	7°28'	19°39'	14°53'	14°45'	21°45'	17°31	
M 30	9 11 15	19°11'25	20°56'	7°16'	9° 1'	1°42'	8°52'	13° 1'	2°43'	7°26'	19°38'	14°D53	14°41'	21°52'	17°33	
T 31	9 15 11	20°11'58	4°II53	8°II18	10°II16	2°Ω29	9°II 6'	13°Ω 4'	2°D43	7°II25	19°Ω37	14°Ω53	14°Ω38	21°Ω59	17°Υ36	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	22s 3	5n23	4s57	24s 3	2s 0	20s57	1s24	24s 0	0s49	11s39	1s 4	13n25	2s18	20n45	0s 5	9n28
M 2	21 54	9 53	5 13	23 50	2 1	20 40	1 25	23 57	0 49	11 34	1 4	13 26	2 17	20 45	0 5	9 28
T 3	21 44	13 50	5 10	23 35	2 3	20 23	1 25	23 54	0 50	11 30	1 4	13 26	2 17	20 45	0 5	9 28
W 4	21 34	16 58	4 49	23 18	2 4	20 5	1 26	23 50	0 50	11 25	1 4	13 26	2 17	20 45	0 5	9 29
T 5	21 24	19 6	4 11	23 0	2 4	19 47	1 27	23 47	0 51	11 20	1 4	13 26	2 16	20 44	0 5	9 29
F 6	21 13	20 4	3 19	22 40	2 5	19 27	1 28	23 43	0 51	11 16	1 4	13 27	2 16	20 44	0 5	9 30
S 7	21 2	19 52	2 16	22 18	2 4	19 8	1 28	23 38	0 51	11 11	1 4	13 27	2 16	20 44	0 5	9 30
S 8	20 50	18 33	1 7	21 55	2 4	18 48	1 29	23 34	0 52	11 6	1 3	13 27	2 16	20 44	0 5	9 31
M 9	20 38	16 17	0n 4	21 30	2 3	18 27	1 30	23 29	0 52	11 1	1 3	13 28	2 15	20 44	0 5	9 31
T 10	20 26	13 16	1 13	21 3	2 1	18 6	1 30	23 24	0 53	10 57	1 3	13 28	2 15	20 43	0 5	9 31
W 11	20 13	9 43	2 18	20 35	1 59	17 44	1 30	23 19	0 53	10 52	1 3	13 29	2 15	20 43	0 5	9 32
T 12	20 0	5 50	3 15	20 5	1 56	17 22	1 31	23 13	0 54	10 47	1 3	13 29	2 14	20 43	0 5	9 32
F 13	19 47	1 47	4 3	19 33	1 53	16 59	1 31	23 7	0 54	10 42	1 3	13 30	2 14	20 43	0 5	9 33
S 14	19 33	2s17	4 39	19 0	1 49	16 36	1 31	23 1	0 55	10 37	1 3	13 31	2 14	20 43	0 5	9 33
S 15	19 19	6 16	5 4	18 26	1 44	16 12	1 31	22 55	0 55	10 32	1 3	13 31	2 13	20 42	0 5	9 34
M 16	19 4	10 0	5 16	17 50	1 39	15 48	1 31	22 48	0 55	10 27	1 3	13 32	2 13	20 42	0 5	9 35
T 17	18 49	13 23	5 14	17 12	1 33	15 24	1 31	22 41	0 56	10 22	1 3	13 33	2 13	20 42	0 5	9 35
W 18	18 34	16 16	4 58	16 33	1 27	14 59	1 31	22 34	0 56	10 17	1 3	13 33	2 13	20 42	0 5	9 36
T 19	18 18	18 27	4 28	15 53	1 19	14 33	1 31	22 27	0 57	10 12	1 3	13 34	2 12	20 42	0 5	9 36
F 20	18 2	19 47	3 44	15 12	1 11	14 7	1 31	22 19	0 57	10 7	1 3	13 35	2 12	20 42	0 5	9 37
S 21	17 46	20 5	2 47	14 30	1 3	13 41	1 31	22 11	0 57	10 1	1 3	13 36	2 12	20 42	0 5	9 37
S 22	17 30	19 15	1 39	13 47	0 53	13 15	1 30	22 3	0 58	9 56	1 3	13 37	2 11	20 42	0 5	9 38
M 23	17 13	17 15	0 24	13 4	0 43	12 48	1 30	21 55	0 58	9 51	1 3	13 37	2 11	20 42	0 5	9 38
T 24	16 56	14 10	0s54	12 20	0 32	12 21	1 29	21 46	0 59	9 46	1 3	13 38	2 11	20 41	0 5	9 39
W 25	16 38	10 12	2 10	11 36	0 20	11 53	1 29	21 37	0 59	9 41	1 3	13 39	2 10	20 41	0 5	9 40
T 26	16 20	5 37	3 19	10 52	0 8	11 26	1 28	21 28	0 59	9 35	1 3	13 40	2 10	20 41	0 5	9 40
F 27	16 2	0 42	4 14	10 9	0n 6	10 57	1 28	21 19	1 0	9 30	1 3	13 41	2 10	20 41	0 5	9 41
S 28	15 44	4n14	4 53	9 27	0 19	10 29	1 27	21 9	1 0	9 25	1 3	13 42	2 10	20 41	0 5	9 41
S 29	15 26	8 52	5 14	8 46	0 34	10 0	1 26	21 0	1 0	9 20	1 3	13 43	2 9	20 41	0 5	9 42
M 30	15 7	12 58	5 16	8 7	0 49	9 31	1 25	20 50	1 1	9 14	1 3	13 45	2 9	20 41	0 5	9 43
T 31	14s48	16n17	4s58	7s30	1n 4	9s 2	1s24	20s39	1s 1	9s 9	1s 3	13n46	2s 9	20n41	0s 5	9n43

Julian Day Number = 2247383.5, Delta T = 261.59 sec

Ecliptic obliquity = 23°30'36, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 16°56'31, Lahiri = 16°03'31 Julian Calendar 1 Jan. 1441 == Greg. Calendar 10 Jan. 1441

SWISS EPHEMERIS for the year 1441

FEBRUARY 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	9 19 8	21 ²² 12'30	18 ¹¹ 37	9 ¹¹ 12	11 ¹¹ 31	3 ²² 16	9 ¹¹ 20	13 ¹³ 7	2 ¹¹ 43	7 ¹⁹ 23	19 ¹⁹ 36	14 ¹⁴ 54	14 ¹⁴ 35	22 ²² 6	17 ¹⁷ 38
T 2	9 23 4	22 ²² 12'59	2 ²² 8	9 ⁹ 58	12 ¹² 45	4 ⁴ 3	9 ⁹ 34	13 ¹³ 10	2 ² 43	7 ⁷ 21	19 ¹⁹ 35	14 ¹⁴ 54	14 ¹⁴ 32	22 ²² 12	17 ¹⁷ 41
F 3	9 27 1	23 ²³ 13'27	15 ¹⁵ 25	10 ¹⁰ 35	14 ¹⁴ 0	4 ⁴ 50	9 ⁹ 48	13 ¹³ 13	2 ² 43	7 ⁷ 20	19 ¹⁹ 34	14 ¹⁴ 55	14 ¹⁴ 29	22 ²² 19	17 ¹⁷ 43
S 4	9 30 57	24 ²⁴ 13'53	28 ²⁸ 30	11 ¹¹ 3	15 ¹⁵ 14	5 ⁵ 37	10 ¹⁰ 3	13 ¹³ 16	2 ² 43	7 ⁷ 18	19 ¹⁹ 33	14 ¹⁴ 56	14 ¹⁴ 26	22 ²² 26	17 ¹⁷ 46
S 5	9 34 54	25 ²⁵ 14'17	11 ¹¹ 21	11 ¹¹ 21	16 ¹⁶ 29	6 ⁶ 24	10 ¹⁰ 17	13 ¹³ 20	2 ² 43	7 ⁷ 17	19 ¹⁹ 32	14 ¹⁴ R56	14 ¹⁴ 22	22 ²² 32	17 ¹⁷ 48
M 6	9 38 50	26 ²⁶ 14'40	24 ²⁴ 0	11 ¹¹ R29	17 ¹⁷ 43	7 ⁷ 11	10 ¹⁰ 31	13 ¹³ 23	2 ² 43	7 ⁷ 15	19 ¹⁹ 31	14 ¹⁴ 56	14 ¹⁴ 19	22 ²² 39	17 ¹⁷ 51
T 7	9 42 47	27 ²⁷ 15'00	6 ⁶ 17	11 ¹¹ 27	18 ¹⁸ 57	7 ⁷ 57	10 ¹⁰ 46	13 ¹³ 27	2 ² 44	7 ⁷ 13	19 ¹⁹ 30	14 ¹⁴ 55	14 ¹⁴ 16	22 ²² 46	17 ¹⁷ 54
W 8	9 46 44	28 ²⁸ 15'19	18 ¹⁸ 43	11 ¹¹ 15	20 ²⁰ 12	8 ⁸ 44	11 ¹¹ 0	13 ¹³ 30	2 ² 44	7 ⁷ 12	19 ¹⁹ 29	14 ¹⁴ 54	14 ¹⁴ 13	22 ²² 53	17 ¹⁷ 56
T 9	9 50 40	29 ²⁹ 15'37	0 ⁰ 49	10 ¹⁰ 54	21 ²¹ 26	9 ⁹ 31	11 ¹¹ 14	13 ¹³ 34	2 ² 45	7 ⁷ 10	19 ¹⁹ 28	14 ¹⁴ 52	14 ¹⁴ 10	22 ²² 59	17 ¹⁷ 59
F 10	9 54 37	0 ⁰ 15'52	12 ¹² 48	10 ¹⁰ 23	22 ²² 40	10 ¹⁰ 18	11 ¹¹ 29	13 ¹³ 38	2 ² 45	7 ⁷ 8	19 ¹⁹ 27	14 ¹⁴ 49	14 ¹⁴ 6	23 ²³ 6	18 ¹⁸ 2
S 11	9 58 33	1 ¹ 16'07	24 ²⁴ 41	9 ⁹ 45	23 ²³ 55	11 ¹¹ 5	11 ¹¹ 43	13 ¹³ 42	2 ² 46	7 ⁷ 7	19 ¹⁹ 26	14 ¹⁴ 47	14 ¹⁴ 3	23 ²³ 13	18 ¹⁸ 5
S 12	10 2 30	2 ² 16'19	6 ⁶ 13	8 ⁸ 59	25 ²⁵ 9	11 ¹¹ 52	11 ¹¹ 57	13 ¹³ 46	2 ² 46	7 ⁷ 5	19 ¹⁹ 25	14 ¹⁴ 45	14 ¹⁴ 0	23 ²³ 19	18 ¹⁸ 8
M13	10 6 26	3 ³ 16'30	18 ¹⁸ 27	8 ⁸ 8	26 ²⁶ 23	12 ¹² 39	12 ¹² 12	13 ¹³ 50	2 ² 47	7 ⁷ 3	19 ¹⁹ 24	14 ¹⁴ 43	13 ¹³ 57	23 ²³ 26	18 ¹⁸ 10
T 14	10 10 23	4 ⁴ 16'39	0 ⁰ 27	7 ⁷ 11	27 ²⁷ 37	13 ¹³ 26	12 ¹² 26	13 ¹³ 54	2 ² 48	7 ⁷ 2	19 ¹⁹ 23	14 ¹⁴ D42	13 ¹³ 54	23 ²³ 33	18 ¹⁸ 13
W15	10 14 19	5 ⁵ 16'47	12 ¹² 38	6 ⁶ 12	28 ²⁸ 51	14 ¹⁴ 13	12 ¹² 41	13 ¹³ 59	2 ² 48	7 ⁷ 0	19 ¹⁹ 22	14 ¹⁴ 42	13 ¹³ 51	23 ²³ 40	18 ¹⁸ 16
T 16	10 18 16	6 ⁶ 16'54	25 ²⁵ 5	5 ⁵ 11	0 ⁰ 17	15 ¹⁵ 0	12 ¹² 55	14 ¹⁴ 3	2 ² 49	6 ⁶ 58	19 ¹⁹ 21	14 ¹⁴ 43	13 ¹³ 47	23 ²³ 46	18 ¹⁸ 19
F 17	10 22 13	7 ⁷ 16'58	7 ⁷ 35	4 ⁴ 9	1 ¹ 20	15 ¹⁵ 47	13 ¹³ 10	14 ¹⁴ 8	2 ² 50	6 ⁶ 57	19 ¹⁹ 20	14 ¹⁴ 45	13 ¹³ 44	23 ²³ 53	18 ¹⁸ 22
S 18	10 26 9	8 ⁸ 17'02	21 ²¹ 2	3 ³ 8	2 ² 34	16 ¹⁶ 34	13 ¹³ 24	14 ¹⁴ 12	2 ² 51	6 ⁶ 55	19 ¹⁹ 20	14 ¹⁴ 46	13 ¹³ 41	24 ²⁴ 0	18 ¹⁸ 26
S 19	10 30 6	9 ⁹ 17'03	4 ⁴ 37	2 ² 10	3 ³ 48	17 ¹⁷ 21	13 ¹³ 39	14 ¹⁴ 17	2 ² 52	6 ⁶ 53	19 ¹⁹ 19	14 ¹⁴ 48	13 ¹³ 38	24 ²⁴ 6	18 ¹⁸ 29
M20	10 34 2	10 ¹⁰ 17'03	18 ¹⁸ 39	1 ¹ 16	5 ⁵ 1	18 ¹⁸ 8	13 ¹³ 53	14 ¹⁴ 22	2 ² 53	6 ⁶ 52	19 ¹⁹ 18	14 ¹⁴ R48	13 ¹³ 35	24 ²⁴ 13	18 ¹⁸ 32
T 21	10 37 59	11 ¹¹ 17'00	3 ³ 13	0 ⁰ 25	6 ⁶ 15	18 ¹⁸ 55	14 ¹⁴ 8	14 ¹⁴ 26	2 ² 54	6 ⁶ 50	19 ¹⁹ 17	14 ¹⁴ 47	13 ¹³ 32	24 ²⁴ 20	18 ¹⁸ 35
W22	10 41 55	12 ¹² 16'56	17 ¹⁷ 47	29 ²⁹ 40	7 ⁷ 29	19 ¹⁹ 43	14 ¹⁴ 22	14 ¹⁴ 31	2 ² 55	6 ⁶ 48	19 ¹⁹ 16	14 ¹⁴ 44	13 ¹³ 28	24 ²⁴ 27	18 ¹⁸ 38
T 23	10 45 52	13 ¹³ 16'50	2 ² 14	29 ²⁹ 1	8 ⁸ 43	20 ²⁰ 30	14 ¹⁴ 37	14 ¹⁴ 36	2 ² 56	6 ⁶ 47	19 ¹⁹ 16	14 ¹⁴ 41	13 ¹³ 25	24 ²⁴ 33	18 ¹⁸ 41
F 24	10 49 48	14 ¹⁴ 16'41	17 ¹⁷ 38	28 ²⁸ 28	9 ⁹ 57	21 ²¹ 17	14 ¹⁴ 51	14 ¹⁴ 41	2 ² 57	6 ⁶ 45	19 ¹⁹ 15	14 ¹⁴ 37	13 ¹³ 22	24 ²⁴ 40	18 ¹⁸ 45
S 25	10 53 45	15 ¹⁵ 16'31	2 ² 30	28 ²⁸ 1	11 ¹¹ 11	22 ²² 4	15 ¹⁵ 6	14 ¹⁴ 47	2 ² 59	6 ⁶ 43	19 ¹⁹ 14	14 ¹⁴ 32	13 ¹³ 19	24 ²⁴ 47	18 ¹⁸ 48
S 26	10 57 42	16 ¹⁶ 16'18	17 ¹⁷ 9	27 ²⁷ 40	12 ¹² 24	22 ²² 51	15 ¹⁵ 20	14 ¹⁴ 52	3 ³ 0	6 ⁶ 42	19 ¹⁹ 14	14 ¹⁴ 29	13 ¹³ 16	24 ²⁴ 53	18 ¹⁸ 51
M27	11 1 38	17 ¹⁷ 16'03	1 ¹ 11	27 ²⁷ 26	13 ¹³ 38	23 ²³ 38	15 ¹⁵ 35	14 ¹⁴ 57	3 ³ 1	6 ⁶ 40	19 ¹⁹ 13	14 ¹⁴ 26	13 ¹³ 12	25 ²⁵ 0	18 ¹⁸ 55
T 28	11 5 35	18 ¹⁸ 15'46	15 ¹⁵ 11	27 ²⁷ 18	14 ¹⁴ 51	24 ²⁴ 25	15 ¹⁵ 49	15 ¹⁵ 3	3 ³ 11	6 ⁶ 38	19 ¹⁹ 13	14 ¹⁴ D25	13 ¹³ 9	25 ²⁵ 7	18 ¹⁸ 58

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14s28	18n38	4s24	6s55	1n20	8s33	1s23	20s29	1s1	9s3	1s3	13n47	2s8	20n41	0s5	9n44	0n58	24n26	2n23	16n25	16n30	4s13	7n30	0n36
T 2	14 9 19	54 3 36	6 23	1 35	8 3	1 22	20 18	1 2	8 58	1 3	13 48	2 8	20 41	0 5	9 44	0 59	24 26	2 23	16 25	16 31	4 15	7 30	0 36	
F 3	13 49	20 1 3	36 5 54	1 51	7 33	1 21	20 7	1 2	8 53	1 3	13 49	2 8	20 41	0 5	9 45	0 59	24 26	2 23	16 25	16 32	4 17	7 31	0 36	
S 4	13 29	19 3 1	30 2 30	2 7	7 3	1 20	19 56	1 2	8 47	1 3	13 50	2 8	20 41	0 5	9 46	0 59	24 27	2 23	16 24	16 33	4 19	7 32	0 35	
S 5	13 9 17	6 0 20	5 9	2 22	6 33	1 18	19 45	1 3	8 42	1 3	13 52	2 7	20 41	0 5	9 46	0 59	24 27	2 23	16 24	16 34	4 22	7 33	0 35	
M 6	12 48	14 21	0n50	4 52	2 36	6 3	1 17	19 33	1 3	8 36	1 2	13 53	2 7	20 42	0 5	9 47	0 59	24 27	2 23	16 24	16 35	4 24	7 34	0 35
T 7	12 28	10 58	1 56	4 40	2 50	5 32	1 16	19 21	1 3	8 31	1 2	13 54	2 7	20 42	0 5	9 47	0 59	24 27	2 23	16 24	16 36	4 26	7 35	0 35
W 8	12 7 7	11 2	2 56	4 33	3 2	5 2	1 14	19 9	1 4	8 26	1 2	13 56	2 6	20 42	0 4	9 48	0 59	24 27	2 23	16 25	16 37	4 28	7 36	0 35
T 9	11 46	3 9	3 47	4 31	3 14	4 31	1 12	18 57	1 4	8 20	1 2	13 57	2 6	20 42	0 4	9 49	0 59	24 28	2 23	16 25	16 38	4 30	7 37	0 35
F 10	11 25	0s58	4 28	4 33	3 24	4 0	1 11	18 45	1 4	8 15	1 2	13 59	2 6	20 42	0 4	9 49	0 59	24 28	2 23	16 26	16 39	4 32	7 38	0 35
S 11	11 3 5	0 4 56	4 40	4 40	3 32	3 29	1 9	18 32	1 5	8 9	1 2	14 0	2 6	20 42	0 4	9 50	0 59	24 28	2 23	16 27	16 40	4 35	7 39	0 35
S 12	10 42	8 50	5 12	4 51	3 38	2 58	1 7	18 19	1 5	8 4	1 3	14 1	2 5	20 42	0 4	9 51	0 59	24 28	2 23	16 28	16 41	4 37	7 40	0 35
M13	10 20	12 19	5 15	5 7	3 42	2 27	1 6	18 6	1 5	7 58	1 3	14 3	2 5	20 42	0 4	9 51	0 59	24 28	2 23	16 28	16 41	4 39	7 41	0 34
T 14	9 58	15 21	5 4	5 26	3 44	1 55	1 4	17 53	1 5	7 53	1 3	14 4	2 5	20 42	0 4	9 52	0 59	24 28	2 24	16 28	16 42	4 41	7 42	0 34
W15	9 36	17 46	4 39	5 48	3 44	1 24	1 2	17 39	1 6	7 47	1 3	14 6	2 5	20 43	0 4	9 53	0 59	24 28	2 24	16 28	16 43	4 43	7 43	0 34
T 16	9 14	19 25	4 1	6 12	3 42	0 53	1 0	17 26	1 6	7 41	1 3	14 7	2 4	20 43	0 4	9 53	0 59	24 29	2 24	16 28	16 44	4 45	7 44	0 34
F 17	8 52	20 7	3 10	6 38	3 37	0 21	0 58	17 12	1 6	7 36	1 3	14 9	2 4	20 43	0 4	9 54	0 59	24 29	2 24	16 28	16 45	4 48	7 45	0 34
S 18	8 29	19 46	2 7	7 6	3 31	0n10	0 56	16 58	1 6	7 30	1 3	14 11	2 4	20 43	0 4	9 54	0 59	24 29	2 24	16 27	16 46	4 50	7 46	0 34
S 19	8 7	18 16	0 56	7 34	3 23	0 41	0 54	16 44	1 7	7 25	1 3	14 12	2 4	20 43	0 4	9 55	0 59	24 29	2 24	16 27	16 47	4 52	7 47	0 34
M20	7 44	15 37	0s21	8 3	3 14	1 13	0 51	16 30	1 7	7 19	1 3	14 14	2 3	20 44	0 4	9 56	0 59	24 29	2 24	16 27	16 48	4 54	7 48	0 34

SWISS EPHEMERIS for the year 1441

MARCH 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	11 9 31	19♌15'27	29♋6	27°D17	16°V 5	25♌12	16♌4	15♌8	3♋4	6°R37	19°R12	14°Ω25	13°Ω 6	25°Ω14	19°V 2
T 2	11 13 28	20°15'05	12♌24	27♌21	17°18	25°59	16°18	15°13	3° 6	6♌35	19°Ω11	14°27	13° 3	25°20	19° 5
F 3	11 17 24	21°14'41	25°24	27°31	18°32	26°46	16°33	15°19	3° 7	6°34	19°11	14°28	13° 0	25°27	19° 8
S 4	11 21 21	22°14'14	8♌8	27°46	19°45	27°33	16°47	15°25	3° 9	6°32	19°10	14°R30	12°57	25°34	19°12
S 5	11 25 17	23°13'46	20°40	28° 7	20°59	28°20	17° 2	15°31	3°11	6°30	19°10	14°30	12°53	25°40	19°15
M 6	11 29 14	24°13'15	3♌1	28°32	22°12	29° 7	17°16	15°36	3°12	6°29	19° 9	14°28	12°50	25°47	19°19
T 7	11 33 10	25°12'41	15°13	29° 2	23°25	29°54	17°31	15°42	3°14	6°27	19° 9	14°24	12°47	25°54	19°23
W 8	11 37 7	26°12'06	27°19	29°37	24°38	0♌41	17°45	15°48	3°16	6°26	19° 9	14°18	12°44	26° 1	19°26
T 9	11 41 4	27°11'29	9♌18	0♌15	25°51	1°28	17°59	15°54	3°18	6°24	19° 8	14°11	12°41	26° 7	19°30
F 10	11 45 0	28°10'49	21°13	0°58	27° 4	2°15	18°14	16° 0	3°19	6°23	19° 8	14° 3	12°37	26°14	19°33
S 11	11 48 57	29°10'08	3♌6	1°44	28°17	3° 2	18°28	16° 6	3°21	6°21	19° 8	13°54	12°34	26°21	19°37
S 12	11 52 53	0°V 9'25	14°58	2°33	29°30	3°49	18°43	16°13	3°23	6°20	19° 7	13°46	12°31	26°27	19°41
M13	11 56 50	1° 8'40	26°52	3°26	0♌43	4°35	18°57	16°19	3°25	6°18	19° 7	13°39	12°28	26°34	19°44
T 14	12 0 46	2° 7'53	8♌52	4°22	1°56	5°22	19°11	16°25	3°27	6°17	19° 7	13°34	12°25	26°41	19°48
W15	12 4 43	3° 7'04	21° 1	5°20	3° 9	6° 9	19°26	16°31	3°29	6°15	19° 6	13°31	12°22	26°48	19°52
T 16	12 8 39	4° 6'14	3♌24	6°22	4°21	6°56	19°40	16°38	3°32	6°14	19° 6	13°D30	12°18	26°54	19°55
F 17	12 12 36	5° 5'22	16° 5	7°26	5°34	7°43	19°54	16°44	3°34	6°12	19° 6	13°31	12°15	27° 1	19°59
S 18	12 16 33	6° 4'27	29° 9	8°32	6°47	8°30	20° 8	16°51	3°36	6°11	19° 6	13°32	12°12	27° 8	20° 3
S 19	12 20 29	7° 3'32	12♌39	9°41	7°59	9°17	20°23	16°57	3°38	6° 9	19° 6	13°R32	12° 9	27°14	20° 6
M20	12 24 26	8° 2'34	26°38	10°52	9°12	10° 4	20°37	17° 4	3°41	6° 8	19° 6	13°32	12° 6	27°21	20°10
T 21	12 28 22	9° 1'34	11♌5	12° 6	10°24	10°50	20°51	17°11	3°43	6° 7	19° 6	13°29	12° 3	27°28	20°14
W22	12 32 19	10° 0'33	25°56	13°21	11°36	11°37	21° 5	17°18	3°45	6° 5	19° 5	13°24	11°59	27°35	20°18
T 23	12 36 15	10°59'29	11°V 5	14°38	12°49	12°24	21°19	17°24	3°48	6° 4	19° 5	13°16	11°56	27°41	20°22
F 24	12 40 12	11°58'24	26°21	15°58	14° 1	13°11	21°33	17°31	3°50	6° 3	19°D 5	13° 8	11°53	27°48	20°25
S 25	12 44 8	12°57'16	11♌33	17°19	15°13	13°57	21°47	17°38	3°53	6° 1	19° 5	12°59	11°50	27°55	20°29
S 26	12 48 5	13°56'07	26°31	18°42	16°25	14°44	22° 1	17°45	3°55	6° 0	19° 6	12°50	11°47	28° 1	20°33
M27	12 52 2	14°54'55	11♋8	20° 8	17°37	15°31	22°15	17°52	3°58	5°59	19° 6	12°44	11°43	28° 8	20°37
T 28	12 55 58	15°53'41	25°18	21°34	18°49	16°17	22°29	17°59	4° 0	5°58	19° 6	12°40	11°40	28°15	20°41
W29	12 59 55	16°52'24	9♌1	23° 3	20° 1	17° 4	22°43	18° 6	4° 3	5°57	19° 6	12°38	11°37	28°22	20°44
T 30	13 3 51	17°51'05	22°18	24°33	21°13	17°51	22°57	18°13	4° 6	5°55	19° 6	12°D38	11°34	28°28	20°48
F 31	13 7 48	18°V 49'44	5♌11	26♌5	22°Ω25	18♌37	23♌10	18♌20	4♋8	5♌54	19°Ω 6	12°Ω39	11°Ω31	28°Ω35	20°V 52

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4s16	19n48	3s43	11s20	1n12	5n53	0s30	14s14	1s 9	6s29	1s 3	14n29	2s 1	20n46	0s 4
T 2	3 52	20 10	2 46	11 32	0 57	6 24	0 27	13 58	1 9	6 23	1 3	14 31	2 1	20 46	0 4
F 3	3 29	19 27	1 42	11 42	0 43	6 55	0 24	13 42	1 9	6 18	1 3	14 33	2 1	20 46	0 4
S 4	3 5	17 44	0 35	11 49	0 29	7 25	0 22	13 26	1 9	6 12	1 3	14 35	2 1	20 47	0 4
S 5	2 42	15 11	0n34	11 55	0 16	7 55	0 19	13 10	1 9	6 6	1 3	14 37	2 0	20 47	0 4
M 6	2 18	11 58	1 39	11 58	0 3	8 25	0 16	12 54	1 9	6 1	1 3	14 39	2 0	20 47	0 4
T 7	1 54	8 17	2 39	11 59	0s 9	8 55	0 13	12 37	1 9	5 55	1 3	14 41	2 0	20 48	0 4
W 8	1 31	4 18	3 31	11 58	0 21	9 25	0 10	12 21	1 9	5 50	1 3	14 42	2 0	20 48	0 4
T 9	1 7	0 11	4 13	11 56	0 33	9 54	0 8	12 4	1 10	5 44	1 3	14 44	2 0	20 49	0 4
F 10	0 44	3s55	4 44	11 51	0 44	10 23	0 5	11 47	1 10	5 38	1 3	14 46	1 59	20 49	0 4
S 11	0 20	7 51	5 2	11 44	0 55	10 52	0 2	11 30	1 10	5 33	1 3	14 48	1 59	20 49	0 4
S 12	0n 4	11 28	5 8	11 36	1 4	11 21	0n 1	11 13	1 10	5 27	1 3	14 50	1 59	20 50	0 4
M13	0 27	14 39	5 0	11 26	1 14	11 49	0 4	10 56	1 10	5 22	1 4	14 52	1 59	20 50	0 4
T 14	0 51	17 15	4 38	11 14	1 23	12 18	0 7	10 39	1 10	5 16	1 4	14 54	1 59	20 50	0 4
W15	1 15	19 8	4 5	11 0	1 31	12 45	0 10	10 22	1 10	5 10	1 4	14 56	1 58	20 51	0 4
T 16	1 38	20 9	3 19	10 44	1 39	13 13	0 13	10 4	1 10	5 5	1 4	14 58	1 58	20 51	0 4
F 17	2 2	20 11	2 22	10 27	1 47	13 40	0 16	9 47	1 10	4 59	1 4	15 0	1 58	20 52	0 4
S 18	2 25	19 8	1 17	10 9	1 53	14 7	0 19	9 29	1 10	4 54	1 4	15 2	1 58	20 52	0 4
S 19	2 49	16 59	0 5	9 48	2 0	14 34	0 22	9 12	1 10	4 48	1 4	15 4	1 58	20 53	0 4
M20	3 12	13 46	1s10	9 27	2 5	15 0	0 25	8 54	1 10	4 43	1 4	15 6	1 57	20 53	0 4
T 21	3 35	9 37	2 22	9 3	2 11	15 26	0 28	8 36	1 10	4 37	1 4	15 8	1 57	20 54	0 4
W22	3 59	4 47	3 27	8 39	2 15	15 52	0 32	8 18	1 10	4 32	1 4	15 10	1 57	20 54	0 4
T 23	4 22	0n26	4 18	8 12	2 19	16 17	0 35	8 0	1 10	4 26	1 4	15 12	1 57	20 54	0 4
F 24	4 45	5 40	4 52	7 45	2 23	16 41	0 38	7 42	1 10	4 21	1 4	15 15	1 57	20 55	0 4
S 25	5 8	10 31	5 4	7 16	2 26	17 6	0 41	7 24	1 10	4 15	1 4	15 17	1 57	20 55	0 4
S 26	5 31	14 38	4 56	6 46	2 29	17 30	0 44	7 6	1 10	4 10	1 5	15 19	1 56	20 56	0 4
M27	5 54	17 45	4 28	6 14	2 31	17 53	0 47	6 48	1 10	4 4	1 5	15 21	1 56	20 56	0 4
T 28	6 16	19 41	3 45	5 41	2 32	18 16	0 50	6 30	1 10	3 59	1 5	15 23	1 56	20 57	0 4
W29	6 39	20 23	2 49	5 7	2 33	18 39	0 53	6 12	1 10	3 54	1 5	15 25	1 56	20 57	0 4
T 30	7 1	19 55	1 46	4 31	2 34	19 1	0 56	5 53	1 10	3 48	1 5	15 27	1 56	20 58	0 4
F 31	7n24	18n23	0s40	3s55	2s34	19n23	0n59	5s35	1s10	3s43	1s 5	15n29	1s56	20n58	0s 4

Julian Day Number = 2247442.5, Delta T = 265.80 sec

Ecliptic obliquity = 23°30'37", Nutation = - 0°00'12"

Ayanamsha: Fagan/Bradley = 16°56'39", Lahiri = 16°03'39" Julian Calendar 1 March 1441 == Greg. Calendar 10 March 1441

SWISS EPHEMERIS for the year 1441

APRIL 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	13 11 44	19°48'21	17°46	27°39	23°36	19°24	23°24	18°27	4°11	5°R53	19°6	12°R39	11°28	28°42	20°56
S 2	13 15 41	20°46'55	0°17 6	29°14	24°48	20°10	23°38	18°35	4°14	5°17 52	19° 7	12°237	11°24	28°49	21° 0
M 3	13 19 37	21°45'28	12°16	0°17 51	25°59	20°57	23°52	18°42	4°17	5°51	19° 7	12°33	11°21	28°55	21° 4
T 4	13 23 34	22°43'58	24°18	2°30	27°11	21°43	24° 5	18°49	4°19	5°50	19° 7	12°27	11°18	29° 2	21° 7
W 5	13 27 30	23°42'26	6°14	4°11	28°22	22°30	24°19	18°57	4°22	5°49	19° 7	12°18	11°15	29° 9	21°11
T 6	13 31 27	24°40'52	18° 8	5°53	29°33	23°16	24°32	19° 4	4°25	5°48	19° 8	12° 6	11°12	29°15	21°15
F 7	13 35 24	25°39'16	0°17 1	7°37	0°17 45	24° 2	24°46	19°11	4°28	5°47	19° 8	11°53	11° 8	29°22	21°19
S 8	13 39 20	26°37'39	11°54	9°22	1°56	24°49	24°59	19°19	4°31	5°46	19° 8	11°40	11° 5	29°29	21°23
S 9	13 43 17	27°35'59	23°48	11°10	3° 7	25°35	25°12	19°26	4°34	5°45	19° 9	11°27	11° 2	29°36	21°26
M10	13 47 13	28°34'18	5°17 46	12°58	4°18	26°21	25°26	19°34	4°37	5°44	19° 9	11°16	10°59	29°42	21°30
T 11	13 51 10	29°32'35	17°49	14°49	5°28	27° 8	25°39	19°41	4°40	5°43	19°10	11° 7	10°56	29°49	21°34
W12	13 55 6	0°30'51	0°3 0	16°42	6°39	27°54	25°52	19°49	4°43	5°43	19°10	11° 1	10°53	29°56	21°38
T 13	13 59 3	1°29'05	12°23	18°36	7°50	28°40	26° 5	19°56	4°46	5°42	19°11	10°58	10°49	0°17 2	21°42
F 14	14 2 59	2°27'18	25° 2	20°32	9° 1	29°26	26°18	20° 4	4°49	5°41	19°11	10°56	10°46	0° 9	21°45
S 15	14 6 56	3°25'29	8°2 2	22°29	10°11	0°17 12	26°31	20°11	4°52	5°40	19°12	10°56	10°43	0°16	21°49
S 16	14 10 53	4°23'38	21°25	24°28	11°21	0°58	26°44	20°19	4°55	5°40	19°12	10°56	10°40	0°23	21°53
M17	14 14 49	5°21'46	5°15	26°29	12°32	1°44	26°57	20°27	4°59	5°39	19°13	10°55	10°37	0°29	21°57
T 18	14 18 46	6°19'53	19°33	28°32	13°42	2°30	27°10	20°34	5° 2	5°38	19°13	10°51	10°34	0°36	22° 1
W19	14 22 42	7°17'58	4°17 18	0°36	14°52	3°16	27°23	20°42	5° 5	5°38	19°14	10°44	10°30	0°43	22° 4
T 20	14 26 39	8°16'02	19°23	2°41	16° 2	4° 2	27°35	20°50	5° 8	5°37	19°15	10°36	10°27	0°49	22° 8
F 21	14 30 35	9°14'04	4°48	4°48	17°12	4°48	27°48	20°57	5°11	5°37	19°15	10°25	10°24	0°56	22°12
S 22	14 34 32	10°12'04	19°58	6°56	18°22	5°34	28° 1	21° 5	5°15	5°36	19°16	10°14	10°21	1° 3	22°15
S 23	14 38 28	11°10'03	5°17 6	9° 5	19°32	6°20	28°13	21°13	5°18	5°36	19°17	10° 4	10°18	1°10	22°19
M24	14 42 25	12° 8'01	19°53	11°14	20°41	7° 5	28°25	21°21	5°21	5°35	19°18	9°55	10°14	1°16	22°23
T 25	14 46 22	13° 5'56	4°17 13	13°25	21°51	7°51	28°38	21°28	5°25	5°35	19°18	9°50	10°11	1°23	22°26
W26	14 50 18	14° 3'50	18° 5	15°36	23° 0	8°37	28°50	21°36	5°28	5°34	19°19	9°47	10° 8	1°30	22°30
T 27	14 54 15	15° 1'42	1°28	17°47	24°10	9°22	29° 2	21°44	5°31	5°34	19°20	9°45	10° 5	1°37	22°34
F 28	14 58 11	15°59'32	14°24	19°57	25°19	10° 8	29°14	21°52	5°35	5°34	19°21	9°45	10° 2	1°43	22°37
S 29	15 2 8	16°57'20	26°58	22° 8	26°28	10°54	29°26	21°59	5°38	5°33	19°22	9°45	9°59	1°50	22°41
S 30	15 6 4	17°55'07	9°15	24°17	27°17	11°39	29°38	22° 7	5°42	5°33	19°23	9°44	9°55	1°57	22°44

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	7n46	15n59	0n27	3s17	2s33	19n44	1n 2	5s17	1s10	3s37	1s 5	15n31	1s56	20n59	0s 4	10n17	0n59	24n31	2n24	17n 4	17n24	6s21	8n40	0n30
S 2	8 8	12 54	1 32	2 38	2 32	20 4	1 5	4 58	1 10	3 32	1 5	15 33	1 55	20 59	0 4	10 18	0 59	24 31	2 24	17 4	17 25	6 23	8 41	0 30
M 3	8 30	9 18	2 30	1 58	2 31	20 25	1 8	4 40	1 10	3 27	1 5	15 36	1 55	21 0	0 4	10 18	0 59	24 31	2 24	17 5	17 25	6 25	8 42	0 30
T 4	8 52	5 22	3 22	1 16	2 29	20 44	1 11	4 21	1 9	3 21	1 5	15 38	1 55	21 1	0 4	10 18	0 59	24 31	2 24	17 7	17 26	6 27	8 44	0 30
W 5	9 14	1 15	4 4	0 34	2 26	21 3	1 14	4 3	1 9	3 16	1 6	15 40	1 55	21 1	0 4	10 19	0 59	24 31	2 24	17 10	17 27	6 30	8 45	0 30
T 6	9 35	2s54	4 35	0n10	2 23	21 22	1 17	3 44	1 9	3 11	1 6	15 42	1 55	21 2	0 4	10 19	0 59	24 31	2 24	17 13	17 28	6 32	8 47	0 30
F 7	9 57	6 55	4 54	0 54	2 19	21 40	1 19	3 26	1 9	3 6	1 6	15 44	1 55	21 2	0 4	10 19	0 59	24 31	2 24	17 17	17 29	6 34	8 48	0 30
S 8	10 18	10 41	5 0	1 39	2 15	21 57	1 22	3 7	1 9	3 0	1 6	15 46	1 55	21 3	0 4	10 20	0 59	24 31	2 24	17 20	17 30	6 36	8 49	0 30
S 9	10 39	14 2	4 54	2 26	2 10	22 14	1 25	2 49	1 9	2 55	1 6	15 48	1 54	21 3	0 4	10 20	0 59	24 31	2 24	17 24	17 31	6 38	8 51	0 30
M10	11 0	16 50	4 34	3 13	2 5	22 30	1 28	2 30	1 9	2 50	1 6	15 50	1 54	21 4	0 4	10 20	0 59	24 31	2 24	17 27	17 32	6 41	8 52	0 30
T 11	11 21	18 56	4 2	4 2	1 59	22 46	1 31	2 12	1 9	2 45	1 6	15 52	1 54	21 4	0 4	10 21	0 58	24 31	2 24	17 29	17 32	6 43	8 53	0 30
W12	11 41	20 12	3 18	4 51	1 53	23 1	1 33	1 53	1 8	2 40	1 6	15 55	1 54	21 5	0 4	10 21	0 58	24 31	2 24	17 31	17 33	6 45	8 55	0 30
T 13	12 2	20 32	2 25	5 40	1 46	23 15	1 36	1 34	1 8	2 35	1 7	15 57	1 54	21 6	0 4	10 21	0 58	24 31	2 24	17 32	17 34	6 47	8 56	0 29
F 14	12 22	19 50	1 23	6 31	1 39	23 29	1 38	1 16	1 8	2 30	1 7	15 59	1 54	21 6	0 4	10 22	0 58	24 31	2 24	17 32	17 35	6 49	8 57	0 29
S 15	12 42	18 4	0 15	7 22	1 31	23 42	1 41	0 57	1 8	2 24	1 7	16 1	1 54	21 7	0 4	10 22	0 58	24 31	2 24	17 32	17 36	6 51	8 59	0 29
S 16	13 1	15 17	0s55	8 13	1 23	23 55	1 43	0 39	1 8	2 19	1 7	16 3	1 54	21 7	0 4	10 22	0 58	24 30	2 24	17 32	17 37	6 54	9 0	0 29
M17	13 21	11 33	2 5	9 5	1 15	24 7	1 46	0 20	1 7	2 14	1 7	16 5	1 54	21 8	0 4	10 22	0 58	24 30	2 24	17 33	17 38	6 56	9 2	0 29
T 18	13 40	7 2	3 9	9 58	1 6	24 18	1 48	0 2	1 7	2 9	1 7	16 7	1 53	21 8	0 4	10 23	0 58	24 30	2 24	17 34	17 39	6 58	9 3	0 29
W19	13 59	2 0	4 2	10 50	0 56	24 29	1 51	0n17	1 7	2 5	1 7	16 9	1 53	21 9	0 4	10 23	0 58	24 30	2 24	17 36	17 39	7 0	9 4	0 29
T 20	14 18	3n17	4 40	11 42	0 47	24 39	1 53	0 35	1 7	2 0	1 8	16 12	1 53	21 10	0 4	10 23	0 58	24 30	2 24	17 38	17 40	7 2	9 6	0 29
F 21	14 37	8 25	4 59	12 35	0 37	24 48	1 55	0 54	1 7	1 55	1 8	16 14	1 53	21 10	0 4	10 23	0 58	24 30	2 24	17 41	17 41	7 4	9 7	0 29
S 22	14 55	13 2	4 56	13 27	0 27	24 57	1 57	1 12	1 6	1 50	1 8	16 16	1 53	21 11	0 4	10 23	0 58	24 30	2 24	17 44	17 42	7 7	9 8	0 29
S 23	15 13	16 45	4 32	14 18	0 16	25 5	1 59	1 31	1 6	1 45	1 8	16 18	1 53	21 11	0 4	10 23	0 58	24 30	2 24	17 47	17 43	7 9	9 9	0 29
M24	15 31	19 17	3 51	15 9	0 6	25 12	2 1	1 49	1 6	1 40	1 8	16 20	1 53	21 12	0 4	10 24	0 58	24 30	2 24	17 49	17 44	7 11	9 11	0 29
T 25	15 49	20 31	2 56	15 59	0n 5	25 19	2 3	2 7	1 6	1 35	1 8	16 22	1 53	21 13	0 4	10 24	0 58	24 30	2 24	17 50	17 45	7 13	9 12	0 29
W26	16 6	20 26	1 52	16 48	0 15	25 24	2 5	2 26	1 5	1 31	1 8	16 24	1 53	21 13	0 4	10 24	0 58	24 30	2 24	17 51	17 45	7 15	9 13	0 29
T 27	16 24	19 11	0 44	17 36	0 26	25 30	2 7	2 44	1 5	1 26	1 9	16 26	1 53	21 14	0 4	10 24	0 58	24 29	2 24	17 51	17 46	7 17	9 15	0 29
F 28	16 40	16 57	0n25	18 22	0 36	25 34	2 9	3 2	1 5	1 21	1 9	16 28	1 53	21 14	0 4	10 24	0 58	24 29	2 24	17 52	17 47	7 20	9 16	0 28
S 29	16 57	13 58	1 30	19 6	0 46	25 38	2 10	3 20	1 4	1 17	1 9	16 30	1 53	21 15	0 4	10 24	0 58	24 29	2 24	17 52	17 48	7 22	9 17	0 28
S 30	17n13	10n26	2n29	19n48	0n56	25n41	2n12	3n38	1s 4	1s12														

SWISS EPHEMERIS for the year 1441

MAY 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	15 10 1	18°52'52	21°20	26°26	28°46	12°25	29°50	22°15	5°45	5°R33	19°23	9°R40	9°Ω52	2°M 3	22°Y48
T 2	15 13 57	19°50'35	3°17	28°34	29°54	13°10	0°Y 2	22°23	5°48	5°M32	19°24	9°Ω34	9°49	2°10	22°51
W 3	15 17 54	20°48'17	15°10	0°II40	1°5 3	13°55	0°13	22°31	5°52	5°32	19°25	9°25	9°46	2°17	22°55
T 4	15 21 51	21°45'57	27° 2	2°44	2°11	14°41	0°25	22°38	5°55	5°32	19°26	9°13	9°43	2°24	22°58
F 5	15 25 47	22°43'36	8°M54	4°46	3°20	15°26	0°37	22°46	5°59	5°32	19°27	9° 0	9°40	2°30	23° 2
S 6	15 29 44	23°41'13	20°50	6°46	4°28	16°11	0°48	22°54	6° 2	5°32	19°28	8°47	9°36	2°37	23° 5
S 7	15 33 40	24°38'49	2°A49	8°44	5°36	16°56	0°59	23° 2	6° 6	5°32	19°29	8°34	9°33	2°44	23° 9
M 8	15 37 37	25°36'24	14°54	10°39	6°44	17°41	1°11	23°10	6° 9	5°D32	19°30	8°23	9°30	2°50	23°12
T 9	15 41 33	26°33'58	27° 6	12°32	7°51	18°26	1°22	23°18	6°13	5°32	19°31	8°15	9°27	2°57	23°15
W10	15 45 30	27°31'31	9°Z26	14°22	8°59	19°11	1°33	23°25	6°16	5°32	19°33	8° 9	9°24	3° 4	23°19
T 11	15 49 26	28°29'03	21°57	16°10	10° 6	19°56	1°44	23°33	6°20	5°32	19°34	8° 5	9°20	3°11	23°22
F 12	15 53 23	29°26'34	4°A42	17°54	11°14	20°41	1°54	23°41	6°23	5°32	19°35	8°D 4	9°17	3°17	23°25
S 13	15 57 20	0°II24'04	17°43	19°36	12°21	21°26	2° 5	23°49	6°27	5°32	19°36	8° 4	9°14	3°24	23°29
S 14	16 1 16	1°21'33	1°H 4	21°15	13°28	22°11	2°16	23°57	6°30	5°32	19°37	8°R 5	9°11	3°31	23°32
M15	16 5 13	2°19'01	14°47	22°51	14°35	22°55	2°26	24° 4	6°34	5°33	19°38	8° 4	9° 8	3°38	23°35
T 16	16 9 9	3°16'29	28°55	24°24	15°41	23°40	2°37	24°12	6°37	5°33	19°39	8° 2	9° 5	3°44	23°38
W17	16 13 6	4°13'56	13°Y25	25°55	16°48	24°25	2°47	24°20	6°41	5°33	19°41	7°57	9° 1	3°51	23°41
T 18	16 17 2	5°11'22	27°25	27°22	17°54	25° 9	2°57	24°28	6°44	5°33	19°42	7°50	8°58	3°58	23°44
F 19	16 20 59	6° 8'48	13°B18	28°46	19° 0	25°54	3° 7	24°35	6°48	5°34	19°43	7°42	8°55	4° 4	23°47
S 20	16 24 55	7° 6'13	28°25	0°E 7	20° 6	26°38	3°17	24°43	6°51	5°34	19°44	7°33	8°52	4°11	23°51
S 21	16 28 52	8° 3'37	13°II26	1°25	21°12	27°23	3°27	24°51	6°55	5°35	19°46	7°24	8°49	4°18	23°54
M22	16 32 49	9° 1'00	28°11	2°40	22°18	28° 7	3°37	24°58	6°59	5°35	19°47	7°17	8°46	4°25	23°56
T 23	16 36 45	9°58'22	12°E33	3°51	23°23	28°51	3°47	25° 6	7° 2	5°36	19°48	7°13	8°42	4°31	23°59
W24	16 40 42	10°55'43	26°28	5° 0	24°28	29°36	3°56	25°14	7° 6	5°36	19°50	7°10	8°39	4°38	24° 2
T 25	16 44 38	11°53'04	9°Ω55	6° 5	25°33	0°B20	4° 6	25°21	7° 9	5°37	19°51	7°D10	8°36	4°45	24° 5
F 26	16 48 35	12°50'23	22°56	7° 6	26°38	1° 4	4°15	25°29	7°13	5°37	19°52	7°10	8°33	4°52	24° 8
S 27	16 52 31	13°47'41	5°M34	8° 5	27°43	1°48	4°24	25°37	7°16	5°38	19°54	7°11	8°30	4°58	24°11
S 28	16 56 28	14°44'59	17°53	8°59	28°47	2°32	4°33	25°44	7°20	5°38	19°55	7°R12	8°26	5° 5	24°14
M29	17 0 24	15°42'15	29°59	9°50	29°51	3°16	4°42	25°52	7°23	5°39	19°56	7°10	8°23	5°12	24°16
T 30	17 4 21	16°39'30	11°A56	10°38	0°Ω55	4° 0	4°51	25°59	7°27	5°40	19°58	7° 7	8°20	5°18	24°19
W31	17 8 18	17°II36'45	23°A48	11°E21	1°Ω59	4°B43	4°Y59	26°B 7	7°II30	5°M40	19°E59	7°Ω 2	8°Ω17	5°M25	24°Y22

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n29	6n31	3n21	20n29	1n 6	25n44	2n13	3n56	1s 4	1s 7	1s 9	16n34	1s52	21n16	0s 4
T 2	17 45	2 24	4 3	21 7	1 15	25 45	2 15	4 14	1 3	1 3	1 9	16 37	1 52	21 17	0 4
W 3	18 1	1s46	4 34	21 42	1 23	25 47	2 16	4 32	1 3	0 58	1 10	16 39	1 52	21 17	0 4
T 4	18 16	5 53	4 54	22 15	1 31	25 47	2 17	4 50	1 3	0 54	1 10	16 41	1 52	21 18	0 3
F 5	18 30	9 46	5 0	22 46	1 39	25 47	2 19	5 8	1 2	0 50	1 10	16 43	1 52	21 19	0 3
S 6	18 45	13 17	4 54	23 14	1 45	25 46	2 20	5 26	1 2	0 45	1 10	16 45	1 52	21 19	0 3
S 7	18 59	16 18	4 34	23 39	1 51	25 44	2 21	5 43	1 2	0 41	1 10	16 47	1 52	21 20	0 3
M 8	19 13	18 38	4 2	24 2	1 57	25 42	2 21	6 1	1 1	0 37	1 11	16 49	1 52	21 21	0 3
T 9	19 27	20 10	3 19	24 22	2 1	25 39	2 22	6 18	1 1	0 32	1 11	16 51	1 52	21 21	0 3
W10	19 40	20 45	2 26	24 40	2 5	25 35	2 23	6 36	1 1	0 28	1 11	16 53	1 52	21 22	0 3
T 11	19 53	20 19	1 25	24 55	2 8	25 31	2 24	6 53	1 0	0 24	1 11	16 55	1 52	21 22	0 3
F 12	20 5	18 51	0 18	25 8	2 11	25 26	2 24	7 11	1 0	0 20	1 11	16 57	1 52	21 23	0 3
S 13	20 18	16 23	0s51	25 18	2 12	25 20	2 24	7 28	0 59	0 16	1 11	16 58	1 52	21 24	0 3
S 14	20 30	12 59	1 59	25 26	2 13	25 14	2 25	7 45	0 59	0 12	1 12	17 0	1 52	21 24	0 3
M15	20 41	8 49	3 2	25 32	2 13	25 7	2 25	8 2	0 59	0 8	1 12	17 2	1 52	21 25	0 3
T 16	20 52	4 3	3 56	25 35	2 25	24 59	2 25	8 19	0 58	0 4	1 12	17 4	1 52	21 25	0 3
W17	21 3	1n 4	4 37	25 37	2 10	24 51	2 25	8 36	0 58	0n 0	1 12	17 6	1 52	21 26	0 3
T 18	21 14	6 13	5 0	25 37	2 8	24 42	2 25	8 52	0 57	0 4	1 12	17 8	1 52	21 27	0 3
F 19	21 24	11 4	5 2	25 35	2 5	24 32	2 24	9 9	0 57	0 8	1 13	17 10	1 52	21 27	0 3
S 20	21 34	15 15	4 44	25 32	2 1	24 22	2 24	9 26	0 56	0 12	1 13	17 12	1 52	21 28	0 3
S 21	21 43	18 24	4 6	25 26	1 56	24 12	2 23	9 42	0 56	0 16	1 13	17 14	1 52	21 28	0 3
M22	21 52	20 17	3 13	25 20	1 51	24 0	2 23	9 58	0 55	0 19	1 13	17 16	1 52	21 29	0 3
T 23	22 1	20 48	2 8	25 12	1 44	23 49	2 22	10 15	0 55	0 23	1 14	17 17	1 52	21 30	0 3
W24	22 9	19 59	0 57	25 2	1 37	23 36	2 21	10 31	0 55	0 26	1 14	17 19	1 52	21 30	0 3
T 25	22 17	18 3	0n15	24 52	1 30	23 23	2 20	10 47	0 54	0 30	1 14	17 21	1 52	21 31	0 3
F 26	22 24	15 14	1 24	24 40	1 21	23 10	2 19	11 3	0 54	0 34	1 14	17 23	1 52	21 31	0 3
S 27	22 31	11 46	2 26	24 28	1 12	22 56	2 18	11 18	0 53	0 37	1 14	17 25	1 52	21 32	0 3
S 28	22 38	7 53	3 21	24 14	1 2	22 41	2 16	11 34	0 53	0 40	1 15	17 26	1 52	21 33	0 3
M29	22 44	3 45	4 5	24 0	0 52	22 26	2 15	11 49	0 52	0 44	1 15	17 28	1 52	21 33	0 3
T 30	22 50	0s28	4 38	23 45	0 40	22 11	2 13	12 5	0 52	0 47	1 15	17 30	1 52	21 34	0 3
W31	22n56	4s38	4n59	23n30	0n28	21n55	2n11	12n20	0s11	0n50	1s15	17n32	1s52	21n34	0s 3

Julian Day Number = 2247503.5, Delta T = 265.60 sec

Ecliptic obliquity = 23°30'37", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 16°56'47", Lahiri = 16°03'47" Julian Calendar 1 May 1441 == Greg. Calendar 10 May 1441

SWISS EPHEMERIS for the year 1441

JUNE 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	17 12 14	18II33'59	5III41	12☾ 0	3♁ 2	5♃27	5♄ 8	26♅14	7II34	5♁41	20☾ 1	6°R55	8♁14	5III32	24♄24
F 2	17 16 11	19°31'12	17°35	12°36	4° 5	6°11	5°16	26°22	7°37	5°42	20° 2	6♁47	8° 11	5°39	24°27
S 3	17 20 7	20°28'25	29°35	13° 7	5° 8	6°54	5°24	26°29	7°41	5°43	20° 4	6°38	8° 7	5°45	24°29
S 4	17 24 4	21°25'38	11♃42	13°34	6°10	7°38	5°33	26°36	7°44	5°44	20° 5	6°30	8° 4	5°52	24°32
M 5	17 28 0	22°22'49	23°58	13°57	7°13	8°21	5°41	26°44	7°48	5°44	20° 6	6°23	8° 1	5°59	24°34
T 6	17 31 57	23°20'01	6♃23	14°15	8°15	9° 5	5°48	26°51	7°51	5°45	20° 8	6°18	7°58	6° 5	24°36
W 7	17 35 53	24°17'12	18°58	14°28	9°16	9°48	5°56	26°58	7°55	5°46	20° 9	6°14	7°55	6°12	24°39
T 8	17 39 50	25°14'23	1♃45	14°38	10°18	10°32	6° 4	27° 5	7°58	5°47	20°11	6°D13	7°52	6°19	24°41
F 9	17 43 47	26°11'34	14°44	14°R42	11°19	11°15	6°11	27°13	8° 1	5°48	20°13	6°13	7°48	6°26	24°43
S 10	17 47 43	27° 8'45	27°57	14°42	12°20	11°58	6°18	27°20	8° 5	5°49	20°14	6°14	7°45	6°32	24°46
S 11	17 51 40	28° 5'55	11♃25	14°37	13°20	12°41	6°25	27°27	8° 8	5°50	20°16	6°16	7°42	6°39	24°48
M12	17 55 36	29° 3'06	25°10	14°28	14°20	13°24	6°32	27°34	8°12	5°51	20°17	6°R17	7°39	6°46	24°50
T 13	17 59 33	0☾ 0'17	9♄11	14°15	15°20	14° 7	6°39	27°41	8°15	5°53	20°19	6°16	7°36	6°53	24°52
W14	18 3 29	0°57'28	23°29	13°57	16°19	14°50	6°46	27°48	8°18	5°54	20°20	6°15	7°32	6°59	24°54
T 15	18 7 26	1°54'40	8♃ 1	13°35	17°18	15°33	6°52	27°55	8°22	5°55	20°22	6°12	7°29	7° 6	24°56
F 16	18 11 22	2°51'51	22°42	13°10	18°17	16°15	6°59	28° 2	8°25	5°56	20°23	6° 7	7°26	7°13	24°58
S 17	18 15 19	3°49'03	7II25	12°42	19°15	16°58	7° 5	28° 9	8°28	5°57	20°25	6° 3	7°23	7°19	25° 0
S 18	18 19 16	4°46'15	22° 5	12°10	20°13	17°41	7°11	28°16	8°32	5°59	20°27	5°58	7°20	7°26	25° 2
M19	18 23 12	5°43'28	6☾33	11°36	21°10	18°23	7°17	28°22	8°35	6° 0	20°28	5°55	7°17	7°33	25° 3
T 20	18 27 9	6°40'40	20°44	11° 0	22° 7	19° 6	7°22	28°29	8°38	6° 1	20°30	5°53	7°13	7°40	25° 5
W21	18 31 5	7°37'52	4♁33	10°23	23° 4	19°48	7°28	28°36	8°41	6° 2	20°31	5°D52	7°10	7°46	25° 7
T 22	18 35 2	8°35'05	17°58	9°45	24° 0	20°30	7°33	28°43	8°44	6° 4	20°33	5°52	7° 7	7°53	25° 8
F 23	18 38 58	9°32'17	1♁ 0	9° 7	24°55	21°13	7°39	28°49	8°48	6° 5	20°35	5°54	7° 4	8° 0	25°10
S 24	18 42 55	10°29'29	13°40	8°29	25°50	21°55	7°44	28°56	8°51	6° 7	20°36	5°55	7° 1	8° 7	25°12
S 25	18 46 52	11°26'41	26° 3	7°53	26°45	22°37	7°48	29° 2	8°54	6° 8	20°38	5°57	6°58	8°13	25°13
M26	18 50 48	12°23'53	8♁11	7°19	27°39	23°19	7°53	29° 9	8°57	6° 9	20°40	5°R57	6°54	8°20	25°14
T 27	18 54 45	13°21'05	20° 9	6°47	28°32	24° 1	7°58	29°15	9° 0	6°11	20°41	5°57	6°51	8°27	25°16
W28	18 58 41	14°18'18	2III 3	6°18	29°25	24°43	8° 2	29°21	9° 3	6°12	20°43	5°56	6°48	8°33	25°17
T 29	19 2 38	15°15'30	13°57	5°53	0♁17	25°24	8° 6	29°28	9° 6	6°14	20°44	5°54	6°45	8°40	25°18
F 30	19 6 34	16°12'43	25III54	5☾32	1♁ 9	26♃ 6	8°Y10	29♃34	9II 9	6♁16	20☾46	5♁52	6♁42	8III47	25°Y20

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 1	8s38	5n 7	23n14	0n16	21n38	2n 9	12n35	0s50	0n53	1s16	17n33	1s52	21n35	0s 3
F 2	23 6	12 18	5 2	22 58	0 3	21 21	2 7	12 50	0 50	0 56	1 16	17 35	1 52	21 36	0 3
S 3	23 10	15 31	4 43	22 41	0s11	21 4	2 5	13 5	0 49	0 59	1 16	17 37	1 52	21 36	0 3
S 4	23 14	18 6	4 12	22 24	0 25	20 46	2 3	13 20	0 49	1 2	1 16	17 38	1 52	21 37	0 3
M 5	23 17	19 54	3 28	22 7	0 40	20 28	2 0	13 34	0 48	1 5	1 17	17 40	1 52	21 37	0 3
T 6	23 21	20 47	2 34	21 50	0 55	20 9	1 58	13 49	0 48	1 8	1 17	17 42	1 52	21 38	0 3
W 7	23 23	20 39	1 32	21 34	1 10	19 50	1 55	14 3	0 47	1 11	1 17	17 43	1 52	21 38	0 3
T 8	23 25	19 26	0 24	21 17	1 26	19 31	1 52	14 17	0 47	1 14	1 17	17 45	1 52	21 39	0 3
F 9	23 27	17 12	0s46	21 1	1 42	19 11	1 49	14 31	0 46	1 17	1 18	17 47	1 52	21 40	0 3
S 10	23 29	14 2	1 55	20 45	1 58	18 51	1 46	14 45	0 45	1 19	1 18	17 48	1 52	21 40	0 3
S 11	23 30	10 4	3 0	20 29	2 14	18 30	1 42	14 59	0 45	1 22	1 18	17 50	1 52	21 41	0 3
M12	23 30	5 31	3 55	20 14	2 30	18 9	1 39	15 12	0 44	1 24	1 18	17 51	1 52	21 41	0 3
T 13	23 31	0 36	4 37	20 0	2 46	17 48	1 35	15 26	0 44	1 27	1 19	17 53	1 52	21 42	0 3
W14	23 30	4n27	5 4	19 46	3 1	17 27	1 31	15 39	0 43	1 29	1 19	17 54	1 52	21 42	0 3
T 15	23 30	9 19	5 11	19 34	3 16	17 5	1 27	15 52	0 42	1 32	1 19	17 56	1 52	21 43	0 3
F 16	23 29	13 41	4 59	19 22	3 30	16 43	1 23	16 5	0 42	1 34	1 19	17 57	1 52	21 43	0 3
S 17	23 27	17 14	4 26	19 11	3 44	16 20	1 19	16 18	0 41	1 36	1 20	17 59	1 52	21 44	0 3
S 18	23 25	19 40	3 37	19 2	3 57	15 58	1 14	16 30	0 40	1 38	1 20	18 0	1 52	21 44	0 3
M19	23 23	20 48	2 33	18 53	4 8	15 35	1 10	16 43	0 40	1 40	1 20	18 2	1 52	21 45	0 3
T 20	23 20	20 33	1 22	18 46	4 18	15 12	1 5	16 55	0 39	1 42	1 20	18 3	1 53	21 45	0 3
W21	23 17	19 4	0 7	18 40	4 27	14 49	1 0	17 7	0 38	1 44	1 21	18 5	1 53	21 46	0 3
T 22	23 14	16 32	1n 6	18 35	4 35	14 25	0 55	17 19	0 38	1 46	1 21	18 6	1 53	21 46	0 3
F 23	23 10	13 14	2 14	18 31	4 41	14 2	0 50	17 31	0 37	1 48	1 21	18 7	1 53	21 47	0 3
S 24	23 6	9 24	3 13	18 29	4 46	13 38	0 44	17 43	0 36	1 50	1 22	18 9	1 53	21 47	0 3
S 25	23 1	5 16	4 2	18 28	4 49	13 14	0 38	17 54	0 36	1 51	1 22	18 10	1 53	21 48	0 3
M26	22 56	1 1	4 38	18 29	4 50	12 50	0 33	18 6	0 35	1 53	1 22	18 11	1 53	21 48	0 3
T 27	22 50	3s14	5 3	18 31	4 49	12 26	0 27	18 17	0 34	1 54	1 22	18 13	1 53	21 49	0 3
W28	22 44	7 19	5 14	18 35	4 47	12 2	0 20	18 28	0 34	1 56	1 23	18 14	1 53	21 49	0 3
T 29	22 38	11 7	5 11	18 39	4 44	11 37	0 14	18 38	0 33	1 57	1 23	18 15	1 53	21 50	0 3
F 30	22n31	14s30	4n56	18n45	4s39	11n13	0n 8	18n49	0s32	1n58	1s23	18n16	1s53	21n50	0s 3

Julian Day Number = 2247534.5, Delta T = 265.50 sec

Ecliptic obliquity = 23°30'37", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 16°56'52", Lahiri = 16°03'52" Julian Calendar 1 June 1441 == Greg. Calendar 10 June 1441

SWISS EPHEMERIS for the year 1441

JULY 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	19 10 31	17°56'56	7°58'58	5°R15	2m 0	26°48	8°V14	29°40	9°II12	6m 17	20°48	5°R49	6°Ω38	8m 54	25°V21
S 2	19 14 27	18° 7'09	20°12	5°56 4	2°50	27°29	8°17	29°46	9°15	6°19	20°49	5°Ω46	6°35	9° 0	25°22
M 3	19 18 24	19° 4'22	2°39	4°57	3°40	28°11	8°21	29°52	9°18	6°20	20°51	5°44	6°32	9° 7	25°23
T 4	19 22 21	20° 1'36	15°19	4°D56	4°29	28°52	8°24	29°58	9°21	6°22	20°53	5°42	6°29	9°14	25°24
W 5	19 26 17	20°58'51	28°13	5° 0	5°17	29°33	8°27	0°II 4	9°24	6°24	20°54	5°41	6°26	9°21	25°25
T 6	19 30 14	21°56'06	11°21	5°11	6° 4	0°II15	8°30	0°10	9°27	6°25	20°56	5°D41	6°23	9°27	25°26
F 7	19 34 10	22°53'22	24°42	5°27	6°51	0°56	8°33	0°16	9°29	6°27	20°58	5°42	6°19	9°34	25°27
S 8	19 38 7	23°50'39	8°17	5°49	7°36	1°37	8°35	0°21	9°32	6°29	20°59	5°43	6°16	9°41	25°27
S 9	19 42 3	24°47'56	22° 3	6°17	8°21	2°18	8°38	0°27	9°35	6°31	21° 1	5°44	6°13	9°47	25°28
M10	19 46 0	25°45'15	5°V59	6°51	9° 5	2°59	8°40	0°33	9°38	6°32	21° 3	5°44	6°10	9°54	25°29
T 11	19 49 56	26°42'34	20° 5	7°30	9°48	3°39	8°42	0°38	9°40	6°34	21° 4	5°45	6° 7	10° 1	25°30
W12	19 53 53	27°39'55	4°B18	8°16	10°30	4°20	8°43	0°44	9°43	6°36	21° 6	5°R45	6° 3	10° 8	25°30
T 13	19 57 50	28°37'17	18°35	9° 8	11°11	5° 1	8°45	0°49	9°45	6°38	21° 8	5°44	6° 0	10°14	25°31
F 14	20 1 46	29°34'40	2°II55	10° 5	11°51	5°41	8°46	0°54	9°48	6°40	21° 9	5°44	5°57	10°21	25°31
S 15	20 5 43	0°Ω32'04	17°12	11° 8	12°30	6°22	8°47	1° 0	9°51	6°41	21°11	5°43	5°54	10°28	25°31
S 16	20 9 39	1°29'29	1°24	12°16	13° 8	7° 2	8°48	1° 5	9°53	6°43	21°12	5°43	5°51	10°34	25°32
M17	20 13 36	2°26'55	15°27	13°30	13°45	7°43	8°49	1°10	9°56	6°45	21°14	5°42	5°48	10°41	25°32
T 18	20 17 32	3°24'23	29°16	14°49	14°20	8°23	8°50	1°15	9°58	6°47	21°16	5°D42	5°44	10°48	25°32
W19	20 21 29	4°21'51	12°Ω48	16°13	14°55	9° 3	8°50	1°20	10° 0	6°49	21°17	5°42	5°41	10°55	25°32
T 20	20 25 25	5°19'21	26° 3	17°41	15°28	9°43	8°R50	1°25	10° 3	6°51	21°19	5°R42	5°38	11° 1	25°33
F 21	20 29 22	6°16'51	8m 59	19°15	15°59	10°23	8°50	1°29	10° 5	6°53	21°21	5°42	5°35	11° 8	25°R33
S 22	20 33 19	7°14'22	21°37	20°52	16°29	11° 3	8°50	1°34	10° 7	6°55	21°22	5°42	5°32	11°15	25°33
S 23	20 37 15	8°11'54	3°Ω59	22°34	16°58	11°43	8°49	1°39	10°10	6°57	21°24	5°42	5°29	11°22	25°33
M24	20 41 12	9° 9'27	16° 7	24°19	17°25	12°22	8°49	1°43	10°12	6°59	21°25	5°42	5°25	11°28	25°32
T 25	20 45 8	10° 7'01	28° 7	26° 8	17°51	13° 2	8°48	1°48	10°14	7° 1	21°27	5°41	5°22	11°35	25°32
W26	20 49 5	11° 4'35	10m 1	27°59	18°15	13°41	8°47	1°52	10°16	7° 3	21°28	5°D41	5°19	11°42	25°32
T 27	20 53 1	12° 2'11	21°55	29°53	18°37	14°21	8°46	1°56	10°18	7° 5	21°30	5°41	5°16	11°48	25°32
F 28	20 56 58	12°59'48	3°Ω52	1°Ω49	18°57	15° 0	8°44	2° 0	10°20	7° 7	21°32	5°42	5°13	11°55	25°31
S 29	21 0 54	13°57'26	15°59	3°47	19°16	15°39	8°43	2° 5	10°22	7° 9	21°33	5°42	5° 9	12° 2	25°31
S 30	21 4 51	14°55'05	28°17	5°46	19°33	16°18	8°41	2° 9	10°24	7°11	21°35	5°43	5° 6	12° 9	25°31
MB1	21 8 48	15°Ω52'45	10°Ω51	7°Ω46	19m 48	16°II57	8°V39	2°II13	10°II26	7m 13	21°Ω36	5°Ω44	5°Ω 3	12m 15	25°V30

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	22n24	17s19	4n27	18n52	4s32	10n49	0n 1	18n59	0s31	2n 0	1s24	18n18	1s53	21n51	0s 3	10n 7	0n57	24n18	2n26	18n52	18n40	9s38	10n13	0n25
S 2	22 17 19	24 3 45	19 0 4 25	10 24	0s 6	19 9 0 31	2 1 1 24	18 19 1 53	21 51 0 3	10 6 0 57	24 18 2 26	18 53 18 41	9 40 10 13	0 25										
M 3	22 9 20	37 2 52	19 10 4 16	9 59 0 13	19 20 0 30	2 2 1 24	18 20 1 54	21 52 0 3	10 6 0 57	24 18 2 26	18 54 18 42	9 42 10 14	0 25											
T 4	22 1 20	48 1 50	19 20 4 5 9 35	0 20 19 29 0 29	2 3 1 24	18 21 1 54	21 52 0 3	10 5 0 57	24 18 2 27	18 54 18 42	9 44 10 14	0 24												
W 5	21 52 19	54 0 41	19 31 3 54	9 10 0 28	19 39 0 29	2 4 1 25	18 22 1 54	21 53 0 3	10 4 0 57	24 18 2 27	18 54 18 43	9 46 10 14	0 24											
T 6	21 43 17	56 0s31	19 42 3 43	8 46 0 35	19 49 0 28	2 5 1 25	18 23 1 54	21 53 0 3	10 4 0 57	24 17 2 27	18 54 18 44	9 49 10 14	0 24											
F 7	21 34 14	57 1 43	19 54 3 30	8 21 0 43	19 58 0 27	2 6 1 25	18 25 1 54	21 53 0 3	10 3 0 57	24 17 2 27	18 54 18 45	9 51 10 15	0 24											
S 8	21 24 11	8 2 51	20 7 3 16	7 57 0 51	20 7 0 26	2 6 1 26	18 26 1 54	21 54 0 3	10 2 0 57	24 17 2 27	18 54 18 46	9 53 10 15	0 24											
S 9	21 14 6	40 3 49	20 19 3 3 7 33	0 59 20 16 0 25	2 7 1 26	18 27 1 54	21 54 0 3	10 2 0 57	24 17 2 27	18 54 18 46	9 55 10 15	0 24												
M10	21 3 1 49	4 35 20 32	2 48 7 8 1 8	20 25 0 25	2 7 1 26	18 28 1 54	21 55 0 3	10 1 0 57	24 17 2 27	18 54 18 47	9 57 10 15	0 24												
T 11	20 53 3n10	5 5 20 45	2 34 6 44 1 16	20 33 0 24	2 8 1 26	18 29 1 54	21 55 0 3	10 0 0 57	24 16 2 27	18 53 18 48	9 59 10 16	0 24												
W12	20 41 8 1	5 16 20 57	2 19 6 20 1 25	20 42 0 23	2 8 1 27	18 30 1 54	21 56 0 3	10 0 0 57	24 16 2 27	18 53 18 49	10 1 10 16	0 24												
T 13	20 30 12 28	5 9 21 9	2 3 5 57 1 34	20 50 0 22	2 9 1 27	18 31 1 55	21 56 0 3	9 59 0 57	24 16 2 27	18 54 18 50	10 3 10 16	0 24												
F 14	20 18 16 12	4 4 21 20	1 48 5 33 1 43	20 58 0 22	2 9 1 27	18 32 1 55	21 56 0 3	9 58 0 57	24 16 2 27	18 54 18 50	10 6 10 16	0 24												
S 15	20 6 18 57	3 57 21 30	1 33 5 9 1 52	21 6 0 21	2 9 1 28	18 33 1 55	21 57 0 3	9 58 0 57	24 16 2 27	18 54 18 51	10 8 10 16	0 24												
S 16	19 53 20 31	2 59 21 39	1 18 4 46 2 2	21 13 0 20	2 9 1 28	18 34 1 55	21 57 0 3	9 57 0 57	24 16 2 27	18 54 18 52	10 10 10 16	0 24												
M17	19 40 20 48	1 50 21 47	1 3 4 23 2 11	21 21 0 19	2 9 1 28	18 35 1 55	21 57 0 3	9 56 0 57	24 15 2 27	18 54 18 53	10 12 10 16	0 24												
T 18	19 27 19 47	0 36 21 53	0 48 4 0 2 21	21 28 0 18	2 9 1 29	18 36 1 55	21 58 0 3	9 55 0 57	24 15 2 28	18 54 18 54	10 14 10 16	0 24												
W19	19 14 17 39	0n39	21 58 0 34 3 38 2 31	21 35 0 17	2 9 1 29	18 36 1 55	21 58 0 3	9 55 0 57	24 15 2 28	18 54 18 54	10 16 10 16	0 24												
T 20	19 0 14 36	1 50 22 0	0 20 3 16 2 42	21 42 0 17	2 9 1 29	18 37 1 55	21 59 0 3	9 54 0 57	24 15 2 28	18 54 18 55	10 18 10 16	0 24												
F 21	18 46 10 55	2 54 22 1	0 7 2 54 2 52	21 49 0 16	2 9 1 29	18 38 1 55	21 59 0 3	9 53 0 57	24 15 2 28	18 54 18 56	10 20 10 16	0 23												
S 22	18 31 6 49	3 48 21 59	0n 6 2 33 3 3 21	55 0 15	2 8 1 30	18 39 1 56	21 59 0 3	9 53 0 57	24 14 2 28	18 54 18 57	10 23 10 16	0 23												
S 23	18 16 2 32	4 30 21 55	0 18 2 12 3 13	22 1 0 14	2 8 1 30	18 40 1 56	22 0 0 3	9 52 0 57	24 14 2 28	18 54 18 57	10 25 10 16	0 23												
M24	18 1 1s46	4 59 21 48	0 30 1 51 3 24	22 8 0 13	2 7 1 30	18 41 1 56	22 0 0 3	9 51 0 57	24 14 2 28	18 54 18 58	10 27 10 16	0 23												
T 25	17 46 5 57	5 14 21 39	0 41 1 31 3 35	22 13 0 12	2 7 1 31	18 41 1 56	22 0 0 3	9 50 0 57	24 14 2 28	18 54 18 59	10 29 10 16	0 23												
W26	17 30 9 52	5 16 21 27	0 51 1 11 3 47	22 19 0 12	2 6 1 31	18 42 1 56	22 1 0 3	9 49 0 57	24 14 2 28	18 54 19 0	10 31 10 16	0 23												
T 27	17 14 13 24	5 4 21 13	1 0 0 52 3 58	22 25 0 11	2 5 1 31	18 43 1 56	22 1 0 3	9 49 0 57	24 14 2 28	18 54 19 1	10 33 10 16	0 23												
F 28	16 58 16 25	4 39 20 56	1 9 0 34 4 9	22 30 0 10	2 4 1 31	18 43 1 56	22 1 0 3	9 48 0 57	24 13 2 28	18 54 19 1	10 35 10 15	0 23												
S 29	16 41 18 45	4 2 20 36	1 16 0 16 4 21	22 35 0 9	2 4 1 32	18 44 1 57	22 1 0 3	9 47 0 57	24 13 2 28	18 54 19 2	10 37 10 15	0 23												
S 30	16 25 20 17	3 13 20 13	1 23 0s 2 4 33	22 40 0 8	2 3 1 32	18 45 1 57	22 2 0 3	9 46 0 57	24 13 2 29	18 54 19 3	10 40 10 15	0 23												
MB1	16n 7 20s51	2n14 19n48	1n29 0s19	4s45 22n45	0s 7 2n 2 1s32	18n45 1s57	22n 2 0s 3 9n46	0n57 24n13	2n29 18n54	19n 4 10s42	10n15 0n23													

Julian Day Number = 2247564.5, Delta T = 265.40 sec

Ecliptic obliquity = 23°30'37", Nutation = - 0°00'13"

Ayanamsha: Fagan/Bradley = 16°56'56, Lahiri = 16°03'56 Julian Calendar 1 July 1441 == Greg. Calendar 10 July 1441

SWISS EPHEMERIS for the year 1441

AUGUST 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	21 12 44	16°50'26	23°34'43	9°47'	20m 0	17°36'	8°R37	2°11'16	10°11'28	7m 15	21°38'	5°45'	5°40'	12m 22	25°R29
W 2	21 16 41	17°48'08	6°55'54	11°48'	20°11'	18°15'	8°V34	2°20'	10°30'	7°18	21°39'	5°R45	4°57'	12°29'	25°V29
T 3	21 20 37	18°45'52	20°24'	13°50'	20°20'	18°54'	8°32'	2°24'	10°32'	7°20	21°41'	5°45'	4°54'	12°36'	25°28
F 4	21 24 34	19°43'37	4°31'12	15°51'	20°26'	19°32'	8°29'	2°27'	10°33'	7°22	21°42'	5°44'	4°50'	12°42'	25°27
S 5	21 28 30	20°41'24	18°13'	17°52'	20°31'	20°11'	8°26'	2°31'	10°35'	7°24	21°44'	5°42'	4°47'	12°49'	25°27
S 6	21 32 27	21°39'12	2°V26	19°52'	20°R32	20°49'	8°23'	2°34'	10°37'	7°26	21°45'	5°40'	4°44'	12°56'	25°26
M 7	21 36 23	22°37'02	16°44'	21°51'	20°32'	21°27'	8°19'	2°38'	10°38'	7°28	21°47'	5°38'	4°41'	13° 2'	25°25
T 8	21 40 20	23°34'54	1°B 4	23°50'	20°30'	22° 6'	8°16'	2°41'	10°40'	7°30	21°48'	5°36'	4°38'	13° 9'	25°24
W 9	21 44 17	24°32'47	15°23'	25°47'	20°25'	22°44'	8°12'	2°44'	10°41'	7°33	21°50'	5°35'	4°35'	13°16'	25°23
T 10	21 48 13	25°30'43	29°36'	27°44'	20°17'	23°22'	8° 8'	2°47'	10°43'	7°35	21°51'	5°D35	4°31'	13°23'	25°22
F 11	21 52 10	26°28'40	13°II41	29°39'	20° 7'	24° 0'	8° 4'	2°50'	10°44'	7°37	21°52'	5°36'	4°28'	13°29'	25°21
S 12	21 56 6	27°26'40	27°38'	1m 34	19°55'	24°37'	8° 0'	2°53'	10°46'	7°39	21°54'	5°37'	4°25'	13°36'	25°20
S 13	22 0 3	28°24'41	11°E25	3°27'	19°41'	25°15'	7°56'	2°55'	10°47'	7°41	21°55'	5°39'	4°22'	13°43'	25°18
M14	22 3 59	29°22'44	25° 0'	5°19'	19°24'	25°53'	7°51'	2°58'	10°48'	7°44	21°57'	5°40'	4°19'	13°49'	25°17
T 15	22 7 56	0m 20'49	8°E23	7°10'	19° 5'	26°30'	7°46'	3° 0'	10°50'	7°46	21°58'	5°R40	4°15'	13°56'	25°16
W16	22 11 52	1°18'55	21°34'	8°59'	18°44'	27° 7'	7°41'	3° 3'	10°51'	7°48	21°59'	5°39'	4°12'	14° 3'	25°14
T 17	22 15 49	2°17'04	4m 31	10°47'	18°21'	27°45'	7°36'	3° 5'	10°52'	7°50	22° 1'	5°37'	4° 9'	14°10'	25°13
F 18	22 19 46	3°15'14	17°14'	12°34'	17°55'	28°22'	7°31'	3° 7'	10°53'	7°52	22° 2'	5°33'	4° 6'	14°16'	25°11
S 19	22 23 42	4°13'26	29°44'	14°20'	17°28'	28°59'	7°25'	3° 9'	10°54'	7°55	22° 3'	5°29'	4° 3'	14°23'	25°10
S 20	22 27 39	5°11'39	12°A 1	16° 4'	16°59'	29°36'	7°20'	3°11'	10°55'	7°57	22° 4'	5°24'	4° 0'	14°30'	25° 8
M21	22 31 35	6° 9'54	24° 7'	17°48'	16°28'	0°E12	7°14'	3°13'	10°56'	7°59	22° 6'	5°19'	3°56'	14°36'	25° 7
T 22	22 35 32	7° 8'10	6m 5	19°30'	15°55'	0°49'	7° 8'	3°15'	10°57'	8° 1'	22° 7'	5°14'	3°53'	14°43'	25° 5
W23	22 39 28	8° 6'29	17°58'	21°11'	15°22'	1°25'	7° 2'	3°17'	10°58'	8° 4'	22° 8'	5°11'	3°50'	14°50'	25° 3
T 24	22 43 25	9° 4'49	29°50'	22°51'	14°47'	2° 2'	6°56'	3°18'	10°59'	8° 6'	22° 9'	5° 9'	3°47'	14°57'	25° 2
F 25	22 47 21	10° 3'10	11°A46	24°30'	14°11'	2°38'	6°50'	3°20'	10°59'	8° 8'	22°11'	5°D 9	3°44'	15° 3'	25° 0
S 26	22 51 18	11° 1'33	23°50'	26° 7'	13°35'	3°14'	6°43'	3°21'	11° 0'	8°10	22°12'	5° 9'	3°41'	15°10'	24°58
S 27	22 55 14	11°59'58	6°B 8	27°44'	12°58'	3°50'	6°37'	3°22'	11° 1'	8°13	22°13'	5°11'	3°37'	15°17'	24°56
M28	22 59 11	12°58'24	18°43'	29°19'	12°21'	4°26'	6°30'	3°23'	11° 1'	8°15	22°14'	5°13'	3°34'	15°24'	24°54
T 29	23 3 8	13°56'52	1°A41	0°E54	11°44'	5° 1'	6°23'	3°24'	11° 2'	8°17	22°15'	5°R13	3°31'	15°30'	24°52
W30	23 7 4	14°55'22	15° 2'	2°27'	11° 7'	5°37'	6°16'	3°25'	11° 2'	8°19	22°16'	5°13'	3°28'	15°37'	24°50
T 31	23 11 1	15m 53'53	28°A48	3°E59	10m 31	6°E12	6°V 9	3°II26	11°II 3	8m 21	22°E17	5°E11	3°E25	15m 44	24°V48

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n50	20s20	1n 6	19n21	1n34	0s34	4s56	22n50	0s 6	2n 0	1s33	18n46	1s57	22n 2	0s 3
W 2	15 33	18 42	0s 6	18 52	1 38	0 50	5 8	22 54	0 5	1 59	1 33	18 47	1 57	22 3	0 3
T 3	15 15	16 0	1 20	18 20	1 41	1 4	5 20	22 58	0 4	1 58	1 33	18 47	1 57	22 3	0 3
F 4	14 57	12 20	2 31	17 47	1 43	1 18	5 32	23 2	0 3	1 57	1 33	18 48	1 57	22 3	0 3
S 5	14 38	7 57	3 34	17 11	1 45	1 30	5 44	23 6	0 3	1 55	1 34	18 48	1 58	22 3	0 3
S 6	14 20	3 4	4 24	16 35	1 46	1 42	5 56	23 10	0 2	1 54	1 34	18 49	1 58	22 4	0 3
M 7	14 1	2n 0	4 58	15 56	1 46	1 53	6 8	23 13	0 1	1 52	1 34	18 49	1 58	22 4	0 3
T 8	13 42	6 58	5 14	15 17	1 46	2 3	6 20	23 17	0n 0	1 51	1 34	18 50	1 58	22 4	0 3
W 9	13 23	11 32	5 11	14 36	1 45	2 11	6 32	23 20	0 1	1 49	1 35	18 50	1 58	22 4	0 3
T 10	13 3	15 26	4 48	13 55	1 43	2 19	6 43	23 23	0 2	1 47	1 35	18 51	1 58	22 4	0 3
F 11	12 44	18 24	4 8	13 12	1 41	2 26	6 54	23 26	0 3	1 45	1 35	18 51	1 58	22 5	0 3
S 12	12 24	20 15	3 14	12 29	1 38	2 31	7 5	23 28	0 4	1 43	1 35	18 51	1 59	22 5	0 3
S 13	12 4	20 52	2 10	11 45	1 35	2 35	7 16	23 31	0 5	1 41	1 36	18 52	1 59	22 5	0 3
M14	11 43	20 14	0 58	11 0	1 31	2 38	7 26	23 33	0 6	1 39	1 36	18 52	1 59	22 5	0 3
T 15	11 23	18 28	0n15	10 16	1 27	2 40	7 36	23 35	0 7	1 37	1 36	18 52	1 59	22 5	0 3
W16	11 2	15 43	1 26	9 30	1 23	2 40	7 46	23 37	0 8	1 35	1 36	18 53	1 59	22 6	0 3
T 17	10 42	12 14	2 32	8 45	1 18	2 39	7 54	23 38	0 9	1 33	1 36	18 53	1 59	22 6	0 3
F 18	10 21	8 15	3 28	7 59	1 13	2 37	8 3	23 40	0 10	1 31	1 37	18 53	1 59	22 6	0 3
S 19	9 59	3 59	4 14	7 14	1 8	2 34	8 10	23 41	0 11	1 28	1 37	18 54	2 0	22 6	0 3
S 20	9 38	0s22	4 46	6 28	1 2	2 29	8 18	23 43	0 12	1 26	1 37	18 54	2 0	22 6	0 3
M21	9 17	4 38	5 6	5 42	0 56	2 23	8 24	23 44	0 13	1 23	1 37	18 54	2 0	22 6	0 3
T 22	8 55	8 41	5 12	4 56	0 50	2 15	8 29	23 45	0 14	1 21	1 38	18 54	2 0	22 7	0 3
W23	8 33	12 22	5 4	4 10	0 43	2 7	8 34	23 45	0 15	1 18	1 38	18 54	2 0	22 7	0 3
T 24	8 11	15 33	4 44	3 25	0 37	1 57	8 38	23 46	0 16	1 16	1 38	18 54	2 0	22 7	0 3
F 25	7 49	18 8	4 11	2 39	0 30	1 46	8 41	23 46	0 17	1 13	1 38	18 55	2 1	22 7	0 3
S 26	7 27	19 56	3 26	1 54	0 23	1 34	8 43	23 47	0 18	1 10	1 38	18 55	2 1	22 7	0 3
S 27	7 5	20 51	2 32	1 9	0 16	1 22	8 44	23 47	0 19	1 8	1 38	18 55	2 1	22 7	0 3
M28	6 42	20 44	1 29	0 24	0 9	1 8	8 44	23 47	0 21	1 5	1 39	18 55	2 1	22 7	0 3
T 29	6 20	19 32	0 19	0s20	0 1	0 53	8 43	23 46	0 22	1 2	1 39	18 55	2 1	22 7	0 3
W30	5 57	17 13	0s53	1 4	0s 6	0 38	8 42	23 46	0 23	0 59	1 39	18 55	2 1	22 7	0 3
T 31	5n35	13s52	2s 4	1s48	0s14	0s22	8s39	23n46	0n24	0n56	1s39	18n55	2s 2	22n 7	0s 3

Julian Day Number = 2247595.5, Delta T = 265.30 sec

Ecliptic obliquity = 23°30'37", Nutation = - 0°00'13"

Ayanamsha: Fagan/Bradley = 16°57'00", Lahiri = 16°04'00" Julian Calendar 1 Aug. 1441 == Greg. Calendar 10 Aug. 1441

SWISS EPHEMERIS for the year 1441

SEPTEMBER 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	23 14 57	16 ^h 52'26"	12 ^h 57'	5 ^h 30'	9 ^h R55	6 ^h 548	6 ^h R 2	3 ^h II27	11 ^h II 3	8 ^h η24	22 ^h 218	5 ^h R 7	3 ^h Ω21	15 ^h Μ50	24 ^h R46
S 2	23 18 54	17 ^h 51'02"	27 ^h 25'	7 ^h 0'	9 ^h η21	7 ^h 23	5 ^h Υ55	3 ^h 27	11 ^h 3	8 ^h 26	22 ^h 20	5 ^h Ω 1	3 ^h 18	15 ^h 57	24 ^h Υ44
S 3	23 22 50	18 ^h 49'39"	12 ^h Υ 6	8 ^h 29'	8 ^h 48	7 ^h 58	5 ^h 47	3 ^h 28	11 ^h 4	8 ^h 28	22 ^h 21	4 ^h 55	3 ^h 15	16 ^h 4	24 ^h 41
M 4	23 26 47	19 ^h 48'18"	26 ^h 51'	9 ^h 57'	8 ^h 16	8 ^h 33	5 ^h 40	3 ^h 28	11 ^h 4	8 ^h 30	22 ^h 22	4 ^h 48	3 ^h 12	16 ^h 11	24 ^h 39
T 5	23 30 43	20 ^h 47'00"	11 ^h 34	11 ^h 24'	7 ^h 45	9 ^h 7	5 ^h 32	3 ^h 29	11 ^h 4	8 ^h 32	22 ^h 23	4 ^h 42	3 ^h 9	16 ^h 17	24 ^h 37
W 6	23 34 40	21 ^h 45'43"	26 ^h 8	12 ^h 50'	7 ^h 17	9 ^h 42	5 ^h 25	3 ^h 29	11 ^h 4	8 ^h 35	22 ^h 23	4 ^h 37	3 ^h 6	16 ^h 24	24 ^h 35
T 7	23 38 37	22 ^h 44'29"	10 ^h II28	14 ^h 15'	6 ^h 50	10 ^h 16	5 ^h 17	3 ^h R29	11 ^h 4	8 ^h 37	22 ^h 24	4 ^h 35	3 ^h 2	16 ^h 31	24 ^h 32
F 8	23 42 33	23 ^h 43'18"	24 ^h 32'	15 ^h 38	6 ^h 26	10 ^h 51	5 ^h 9	3 ^h 29	11 ^h R 4	8 ^h 39	22 ^h 25	4 ^h D34	2 ^h 59	16 ^h 37	24 ^h 30
S 9	23 46 30	24 ^h 42'09"	8 ^h 218	17 ^h 1'	6 ^h 3	11 ^h 25	5 ^h 2	3 ^h 28	11 ^h 4	8 ^h 41	22 ^h 26	4 ^h 35	2 ^h 56	16 ^h 44	24 ^h 27
S 10	23 50 26	25 ^h 41'02"	21 ^h 47'	18 ^h 22'	5 ^h 43	11 ^h 59	4 ^h 54	3 ^h 28	11 ^h 4	8 ^h 43	22 ^h 27	4 ^h 36	2 ^h 53	16 ^h 51	24 ^h 25
M11	23 54 23	26 ^h 39'57"	5 ^h Ω 2	19 ^h 42'	5 ^h 25	12 ^h 33	4 ^h 46	3 ^h 28	11 ^h 4	8 ^h 45	22 ^h 28	4 ^h R37	2 ^h 50	16 ^h 58	24 ^h 22
T 12	23 58 19	27 ^h 38'55"	18 ^h 3	21 ^h 1'	5 ^h 10	13 ^h 6	4 ^h 38	3 ^h 27	11 ^h 4	8 ^h 48	22 ^h 29	4 ^h 36	2 ^h 46	17 ^h 4	24 ^h 20
W13	0 2 16	28 ^h 37'55"	0 ^h η51	22 ^h 18'	4 ^h 57	13 ^h 40	4 ^h 30	3 ^h 27	11 ^h 3	8 ^h 50	22 ^h 30	4 ^h 32	2 ^h 43	17 ^h 11	24 ^h 17
T 14	0 6 12	29 ^h 36'57"	13 ^h 29'	23 ^h 34'	4 ^h 46	14 ^h 13	4 ^h 22	3 ^h 26	11 ^h 3	8 ^h 52	22 ^h 30	4 ^h 27	2 ^h 40	17 ^h 18	24 ^h 15
F 15	0 10 9	0 ^h 236'01"	25 ^h 57'	24 ^h 49'	4 ^h 38	14 ^h 46	4 ^h 14	3 ^h 25	11 ^h 3	8 ^h 54	22 ^h 31	4 ^h 19	2 ^h 37	17 ^h 24	24 ^h 12
S 16	0 14 6	1 ^h 35'07"	8 ^h 215	26 ^h 2'	4 ^h 32	15 ^h 19	4 ^h 6	3 ^h 24	11 ^h 2	8 ^h 56	22 ^h 32	4 ^h 9	2 ^h 34	17 ^h 31	24 ^h 10
S 17	0 18 2	2 ^h 34'16"	20 ^h 24'	27 ^h 13'	4 ^h 28	15 ^h 52	3 ^h 58	3 ^h 23	11 ^h 2	8 ^h 58	22 ^h 33	3 ^h 57	2 ^h 31	17 ^h 38	24 ^h 7
M18	0 21 59	3 ^h 33'26"	2 ^h Π25	28 ^h 23'	4 ^h D27	16 ^h 25	3 ^h 50	3 ^h 22	11 ^h 1	9 ^h 0	22 ^h 33	3 ^h 46	2 ^h 27	17 ^h 45	24 ^h 4
T 19	0 25 55	4 ^h 32'38"	14 ^h 20'	29 ^h 30'	4 ^h 29	16 ^h 57	3 ^h 42	3 ^h 21	11 ^h 1	9 ^h 2	22 ^h 34	3 ^h 35	2 ^h 24	17 ^h 51	24 ^h 1
W20	0 29 52	5 ^h 31'52"	26 ^h 11'	0 ^h Μ36	4 ^h 33	17 ^h 29	3 ^h 34	3 ^h 19	11 ^h 0	9 ^h 4	22 ^h 35	3 ^h 27	2 ^h 21	17 ^h 58	23 ^h 59
T 21	0 33 48	6 ^h 31'08"	8 ^h 21	1 ^h 39	4 ^h 39	18 ^h 1	3 ^h 25	3 ^h 18	11 ^h 0	9 ^h 6	22 ^h 35	3 ^h 20	2 ^h 18	18 ^h 5	23 ^h 56
F 22	0 37 45	7 ^h 30'26"	19 ^h 54'	2 ^h 40	4 ^h 47	18 ^h 33	3 ^h 17	3 ^h 16	10 ^h 59	9 ^h 8	22 ^h 36	3 ^h 16	2 ^h 15	18 ^h 12	23 ^h 53
S 23	0 41 41	8 ^h 29'46"	1 ^h Ξ55	3 ^h 39	4 ^h 57	19 ^h 5	3 ^h 9	3 ^h 14	10 ^h 58	9 ^h 10	22 ^h 37	3 ^h 15	2 ^h 12	18 ^h 18	23 ^h 50
S 24	0 45 38	9 ^h 29'07"	14 ^h 9	4 ^h 34	5 ^h 10	19 ^h 36	3 ^h 1	3 ^h 13	10 ^h 57	9 ^h 12	22 ^h 37	3 ^h D14	2 ^h 8	18 ^h 25	23 ^h 48
M25	0 49 34	10 ^h 28'31"	26 ^h 40'	5 ^h 26	5 ^h 24	20 ^h 8	2 ^h 53	3 ^h 11	10 ^h 56	9 ^h 14	22 ^h 38	3 ^h R15	2 ^h 5	18 ^h 32	23 ^h 45
T 26	0 53 31	11 ^h 27'56"	9 ^h 234	6 ^h 15	5 ^h 41	20 ^h 39	2 ^h 46	3 ^h 9	10 ^h 56	9 ^h 16	22 ^h 38	3 ^h 15	2 ^h 2	18 ^h 38	23 ^h 42
W27	0 57 28	12 ^h 27'23"	22 ^h 55'	7 ^h 0	6 ^h 0	21 ^h 10	2 ^h 38	3 ^h 7	10 ^h 55	9 ^h 18	22 ^h 39	3 ^h 13	1 ^h 59	18 ^h 45	23 ^h 39
T 28	1 1 24	13 ^h 26'52"	6 ^h 245	7 ^h 41	6 ^h 20	21 ^h 40	2 ^h 30	3 ^h 4	10 ^h 54	9 ^h 20	22 ^h 39	3 ^h 9	1 ^h 56	18 ^h 52	23 ^h 36
F 29	1 5 21	14 ^h 26'22"	21 ^h 4	8 ^h 18	6 ^h 43	22 ^h 11	2 ^h 22	3 ^h 2	10 ^h 53	9 ^h 22	22 ^h 39	3 ^h 3	1 ^h 52	18 ^h 59	23 ^h 33
S 30	1 9 17	15 ^h 25'54"	5 ^h Υ47	8 ^h Μ49	7 ^h η 7	22 ^h 241	2 ^h Υ15	3 ^h II 0	10 ^h II51	9 ^h η24	22 ^h 240	2 ^h Ω54	1 ^h Ω49	19 ^h Μ 5	23 ^h Υ30

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	5n12	9s38	3s10	2s31	0s21	0s 5	8s35	23n45	0n25	0n53	1s39	18n55	2s 2	22n 7	0s 3
S 2	4 49	4 46	4 5	3 14	0 29	0n12	8 31	23 44	0 26	0 50	1 39	18 55	2 2	22 8	0 3
S 3	4 26	0n26	4 44	3 56	0 36	0 29	8 26	23 43	0 27	0 47	1 39	18 55	2 2	22 8	0 3
M 4	4 3	5 38	5 5	4 38	0 44	0 46	8 19	23 42	0 28	0 44	1 39	18 55	2 2	22 8	0 3
T 5	3 40	10 30	5 6	5 19	0 52	1 4	8 13	23 41	0 29	0 41	1 40	18 55	2 2	22 8	0 3
W 6	3 17	14 42	4 47	6 0	0 59	1 21	8 5	23 40	0 31	0 38	1 40	18 54	2 3	22 8	0 3
T 7	2 53	17 58	4 10	6 40	1 7	1 39	7 57	23 38	0 32	0 35	1 40	18 54	2 3	22 8	0 3
F 8	2 30	20 5	3 19	7 19	1 15	1 56	7 48	23 37	0 33	0 32	1 40	18 54	2 3	22 8	0 3
S 9	2 7	20 58	2 17	7 58	1 22	2 13	7 38	23 35	0 34	0 29	1 40	18 54	2 3	22 8	0 2
S 10	1 43	20 37	1 8	8 36	1 30	2 29	7 28	23 33	0 35	0 25	1 40	18 54	2 3	22 8	0 2
M11	1 20	19 6	0n 2	9 14	1 37	2 45	7 18	23 31	0 36	0 22	1 40	18 54	2 3	22 8	0 2
T 12	0 56	16 36	1 12	9 51	1 45	3 1	7 7	23 29	0 38	0 19	1 40	18 53	2 3	22 8	0 2
W13	0 33	13 19	2 16	10 26	1 52	3 16	6 56	23 27	0 39	0 16	1 40	18 53	2 4	22 8	0 2
T 14	0 9	9 28	3 13	11 1	1 59	3 31	6 45	23 25	0 40	0 13	1 40	18 53	2 4	22 8	0 2
F 15	0s14	5 16	3 59	11 36	2 6	3 44	6 33	23 22	0 41	0 9	1 40	18 52	2 4	22 8	0 2
S 16	0 38	0 54	4 34	12 9	2 13	3 58	6 21	23 20	0 43	0 6	1 40	18 52	2 4	22 7	0 2
S 17	1 2	3s26	4 55	12 41	2 20	4 10	6 9	23 17	0 44	0 3	1 40	18 52	2 4	22 7	0 2
M18	1 25	7 36	5 3	13 12	2 26	4 22	5 57	23 15	0 45	0s 0	1 40	18 51	2 4	22 7	0 2
T 19	1 49	11 26	4 58	13 42	2 32	4 33	5 45	23 12	0 46	0 4	1 40	18 51	2 4	22 7	0 2
W20	2 12	14 49	4 40	14 11	2 38	4 43	5 32	23 9	0 48	0 7	1 40	18 51	2 5	22 7	0 2
T 21	2 36	17 36	4 10	14 39	2 44	4 52	5 20	23 6	0 49	0 10	1 40	18 50	2 5	22 7	0 2
F 22	2 59	19 39	3 29	15 5	2 49	5 1	5 8	23 3	0 50	0 13	1 40	18 50	2 5	22 7	0 2
S 23	3 23	20 51	2 39	15 30	2 54	5 8	4 55	23 0	0 52	0 16	1 40	18 49	2 5	22 7	0 2
S 24	3 46	21 6	1 40	15 53	2 5										

SWISS EPHEMERIS for the year 1441

OCTOBER 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	1 13 14	16♂25'29	20♁49	9♁15	7♁33	23♁11	2°R 7	2°R57	10°R50	9♁26	22♁40	2°R43	1♁46	19♁12	23°R27
M 2	1 17 10	17°25'05	5♁59	9°35	8° 0	23°41	1°59	2°II54	10°II49	9°28	22°41	2♁33	1°43	19°19	23°V25
T 3	1 21 7	18°24'44	21° 6	9°48	8°30	24°10	1°52	2°52	10°48	9°29	22°41	2°23	1°40	19°25	23°22
W 4	1 25 3	19°24'25	6♁ 1	9°R54	9° 0	24°40	1°45	2°49	10°47	9°31	22°41	2°15	1°37	19°32	23°19
T 5	1 29 0	20°24'08	20°37	9°53	9°33	25° 9	1°37	2°46	10°45	9°33	22°42	2° 9	1°33	19°39	23°16
F 6	1 32 57	21°23'54	4♁49	9°43	10° 7	25°38	1°30	2°43	10°44	9°35	22°42	2° 7	1°30	19°46	23°13
S 7	1 36 53	22°23'42	18°37	9°25	10°42	26° 6	1°23	2°40	10°43	9°37	22°42	2°D 6	1°27	19°52	23°10
S 8	1 40 50	23°23'32	2♁ 2	8°58	11°18	26°35	1°16	2°37	10°41	9°38	22°42	2°R 6	1°24	19°59	23° 7
M 9	1 44 46	24°23'24	15° 6	8°22	11°56	27° 3	1° 9	2°34	10°40	9°40	22°42	2° 5	1°21	20° 6	23° 4
T 10	1 48 43	25°23'19	27°54	7°36	12°35	27°30	1° 3	2°30	10°38	9°42	22°43	2° 3	1°17	20°12	23° 1
W 11	1 52 39	26°23'15	10♁27	6°42	13°16	27°58	0°56	2°27	10°36	9°43	22°43	1°59	1°14	20°19	22°58
T 12	1 56 36	27°23'14	22°49	5°40	13°57	28°25	0°50	2°23	10°35	9°45	22°43	1°51	1°11	20°26	22°55
F 13	2 0 32	28°23'15	5♁ 3	4°32	14°40	28°52	0°43	2°20	10°33	9°47	22°43	1°40	1° 8	20°33	22°52
S 14	2 4 29	29°23'18	17° 9	3°18	15°24	29°19	0°37	2°16	10°31	9°48	22°43	1°27	1° 5	20°39	22°49
S 15	2 8 26	0♁23'23	29°10	2° 1	16° 8	29°46	0°31	2°12	10°30	9°50	22°R43	1°12	1° 2	20°46	22°46
M 16	2 12 22	1°23'30	11♁ 6	0°43	16°54	0♁12	0°25	2° 8	10°28	9°51	22°43	0°57	0°58	20°53	22°43
T 17	2 16 19	2°23'39	22°58	29♁27	17°41	0°38	0°20	2° 5	10°26	9°53	22°43	0°43	0°55	20°59	22°41
W 18	2 20 15	3°23'49	4♁48	28°14	18°28	1° 3	0°14	2° 1	10°24	9°54	22°43	0°31	0°52	21° 6	22°38
T 19	2 24 12	4°24'01	16°38	27° 8	19°17	1°28	0° 9	1°57	10°22	9°56	22°43	0°22	0°49	21°13	22°35
F 20	2 28 8	5°24'15	28°31	26°10	20° 6	1°53	0° 3	1°52	10°20	9°57	22°43	0°16	0°46	21°20	22°32
S 21	2 32 5	6°24'31	10♁31	25°21	20°56	2°18	29♁58	1°48	10°18	9°59	22°42	0°12	0°43	21°26	22°29
S 22	2 36 1	7°24'48	22°42	24°44	21°47	2°42	29°54	1°44	10°16	10° 0	22°42	0°11	0°39	21°33	22°26
M 23	2 39 58	8°25'06	5♁ 8	24°18	22°38	3° 6	29°49	1°40	10°14	10° 2	22°42	0°11	0°36	21°40	22°23
T 24	2 43 55	9°25'26	17°56	24° 3	23°31	3°29	29°44	1°35	10°12	10° 3	22°42	0°11	0°33	21°46	22°21
W 25	2 47 51	10°25'47	1♁10	24°D 0	24°24	3°52	29°40	1°31	10°10	10° 4	22°42	0° 9	0°30	21°53	22°18
T 26	2 51 48	11°26'10	14°53	24° 9	25°18	4°15	29°36	1°27	10° 8	10° 5	22°41	0° 6	0°27	22° 0	22°15
F 27	2 55 44	12°26'34	29° 6	24°27	26°12	4°38	29°32	1°22	10° 6	10° 7	22°41	29♁59	0°23	22° 7	22°12
S 28	2 59 41	13°27'00	13°V48	24°55	27° 7	5° 0	29°28	1°18	10° 4	10° 8	22°41	29°51	0°20	22°13	22°10
S 29	3 3 37	14°27'26	28°54	25°32	28° 3	5°22	29°24	1°13	10° 2	10° 9	22°40	29°40	0°17	22°20	22° 7
M 30	3 7 34	15°27'55	14♁12	26°17	28°59	5°43	29°21	1° 8	9°59	10°10	22°40	29°29	0°14	22°27	22° 4
T 31	3 11 30	16♁28'25	29♁34	27♁ 9	29♁56	6♁ 4	29♁18	1°II 4	9°II57	10♁11	22♁40	29♁19	0♁11	22♁33	22°V 2

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	6s29	3n36	4s55	17s42	3s15	5n40	3s20	22n32	1n 3	0s41	1s39	18n45	2s 6	22n 6	0s 2
M 2	6 51	8 49	5 1	17 47	3 14	5 40	3 9	22 29	1 4	0 44	1 39	18 44	2 6	22 6	0 2
T 3	7 14	13 30	4 45	17 50	3 12	5 40	2 58	22 25	1 5	0 46	1 39	18 44	2 6	22 6	0 2
W 4	7 37	17 15	4 11	17 49	3 9	5 38	2 47	22 21	1 7	0 49	1 39	18 43	2 6	22 5	0 2
T 5	8 0	19 51	3 21	17 44	3 4	5 36	2 36	22 17	1 8	0 52	1 39	18 43	2 6	22 5	0 2
F 6	8 22	21 7	2 19	17 35	2 58	5 33	2 25	22 13	1 10	0 55	1 39	18 42	2 6	22 5	0 2
S 7	8 45	21 3	1 11	17 22	2 51	5 30	2 15	22 10	1 11	0 57	1 39	18 41	2 7	22 5	0 2
S 8	9 7	19 46	0 0	17 5	2 42	5 25	2 5	22 6	1 13	1 0	1 39	18 40	2 7	22 5	0 2
M 9	9 29	17 26	1n 8	16 43	2 31	5 20	1 55	22 2	1 14	1 3	1 38	18 40	2 7	22 4	0 2
T 10	9 51	14 18	2 12	16 16	2 18	5 14	1 45	21 58	1 16	1 5	1 38	18 39	2 7	22 4	0 2
W 11	10 13	10 34	3 8	15 45	2 4	5 8	1 35	21 54	1 17	1 8	1 38	18 38	2 7	22 4	0 2
T 12	10 34	6 26	3 54	15 9	1 48	5 1	1 26	21 50	1 19	1 10	1 38	18 37	2 7	22 4	0 2
F 13	10 56	2 5	4 28	14 29	1 30	4 53	1 16	21 46	1 21	1 12	1 38	18 37	2 7	22 4	0 2
S 14	11 17	2s17	4 50	13 46	1 11	4 44	1 7	21 42	1 22	1 15	1 38	18 36	2 7	22 3	0 2
S 15	11 39	6 33	4 59	13 1	0 51	4 35	0 59	21 38	1 24	1 17	1 37	18 35	2 7	22 3	0 2
M 16	12 0	10 32	4 55	12 14	0 31	4 25	0 50	21 34	1 25	1 19	1 37	18 34	2 7	22 3	0 2
T 17	12 20	14 6	4 37	11 28	0 10	4 15	0 41	21 30	1 27	1 21	1 37	18 34	2 7	22 3	0 2
W 18	12 41	17 5	4 8	10 43	0n10	4 4	0 33	21 26	1 29	1 23	1 37	18 33	2 7	22 2	0 2
T 19	13 1	19 23	3 28	10 1	0 30	3 52	0 25	21 22	1 30	1 25	1 37	18 32	2 7	22 2	0 2
F 20	13 22	20 51	2 39	9 22	0 49	3 40	0 17	21 18	1 32	1 27	1 36	18 31	2 7	22 2	0 2
S 21	13 42	21 24	1 42	8 49	1 6	3 28	0 10	21 14	1 34	1 29	1 36	18 30	2 8	22 1	0 2
S 22	14 2	20 57	0 40	8 21	1 21	3 14	0 2	21 10	1 36	1 30	1 36	18 29	2 8	22 1	0 2
M 23	14 21	19 28	0s26	7 58	1 35	3 1	0n 5	21 6	1 37	1 32	1 36	18 28	2 8	22 1	0 2
T 24	14 40	16 58	1 33	7 42	1 47	2 46	0 12	21 2	1 39	1 34	1 35	18 27	2 8	22 1	0 2
W 25	15 0	13 31	2 36	7 32	1 57	2 32	0 19	20 58	1 41	1 35	1 35	18 27	2 8	22 0	0 2
T 26	15 18	9 15	3 33	7 27	2 5	2 16	0 26	20 55	1 43	1 37	1 35	18 26	2 8	22 0	0 2
F 27	15 37	4 19	4 19	7 28	2 11	2 1	0 33	20 51	1 44	1 38	1 35	18 25	2 8	22 0	0 2
S 28	15 55	1n 1	4 50	7 34	2 16	1 45	0 39	20 48	1 46	1 39	1 34	18 24	2 8	21 59	0 2
S 29	16 13	6 25	5 1	7 45	2 19	1 28	0 45	20 44	1 48	1 41	1 34	18 23	2 8	21 59	0 2
M 30	16 31	11 30	4 51	7 59	2 21	1 11	0 51	20 41	1 50	1 42	1 34	18 22	2 8	21 59	0 2
T 31	16s49	15n52	4s21	8s17	2n22	0n54	0n57	20n37	1n52	1s43	1s34	18n21	2s 8	21n58	0s 2

Julian Day Number = 2247656.5, Delta T = 265.11 sec

Ecliptic obliquity = 23°30'38", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 16°57'08", Lahiri = 16°04'08" Julian Calendar 1 Oct. 1441 == Greg. Calendar 10 Oct. 1441

SWISS EPHEMERIS for the year 1441

NOVEMBER 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	3 15 27	17 ^m 28'57	14 ^{II} 46	28 ^Ω 6	0 ^Ω 54	6 ^Ω 24	29°R15	0°R59	9°R55	10 ^m 13	22°R39	29°R11	0 ^Ω 8	22 ^m 40	21°R59
T 2	3 19 24	18°29'31	29°39	29° 9	1°52	6°44	29 ^{II} 12	0 ^{II} 54	9 ^{II} 53	10°14	22°39	29° 5	0° 4	22°47	21°57
F 3	3 23 20	19°30'06	14 ^Ω 6	0 ^m 17	2°50	7° 4	29° 9	0°49	9°50	10°15	22°38	29° 2	0° 1	22°54	21°54
S 4	3 27 17	20°30'43	28° 5	1°29	3°49	7°23	29° 7	0°45	9°48	10°16	22°38	29°D 1	29°58	23° 0	21°51
S 5	3 31 13	21°31'22	11 ^Ω 36	2°44	4°49	7°42	29° 5	0°40	9°45	10°17	22°37	29° 1	29°55	23° 7	21°49
M 6	3 35 10	22°32'02	24°43	4° 1	5°49	8° 0	29° 3	0°35	9°43	10°18	22°37	29°R 2	29°52	23°14	21°47
T 7	3 39 6	23°32'45	7 ^m 27	5°22	6°49	8°18	29° 1	0°30	9°41	10°19	22°36	29° 1	29°49	23°20	21°44
W 8	3 43 3	24°33'28	19°54	6°44	7°50	8°36	28°59	0°25	9°38	10°19	22°36	28°57	29°45	23°27	21°42
T 9	3 46 59	25°34'14	2 ^Ω 8	8° 8	8°52	8°52	28°58	0°20	9°36	10°20	22°35	28°52	29°42	23°34	21°39
F 10	3 50 56	26°35'01	14°13	9°34	9°53	9° 9	28°57	0°15	9°33	10°21	22°34	28°43	29°39	23°41	21°37
S 11	3 54 53	27°35'49	26°11	11° 1	10°55	9°25	28°56	0°10	9°31	10°22	22°34	28°33	29°36	23°47	21°35
S 12	3 58 49	28°36'39	8 ^m 5	12°29	11°58	9°40	28°55	0° 5	9°28	10°23	22°33	28°21	29°33	23°54	21°33
M13	4 2 46	29°37'30	19°57	13°58	13° 1	9°55	28°54	0° 0	9°26	10°23	22°32	28° 8	29°29	24° 1	21°31
T 14	4 6 42	0 ^Ω 38'22	1 ^Ω 48	15°28	14° 4	10° 9	28°54	29°56	9°23	10°24	22°32	27°57	29°26	24° 7	21°28
W15	4 10 39	1°39'16	13°40	16°58	15° 8	10°23	28°D54	29°51	9°21	10°25	22°31	27°47	29°23	24°14	21°26
T 16	4 14 35	2°40'10	25°35	18°29	16°11	10°36	28°54	29°46	9°18	10°25	22°30	27°40	29°20	24°21	21°24
F 17	4 18 32	3°41'06	7 ^Ω 33	20° 0	17°16	10°49	28°54	29°41	9°16	10°26	22°29	27°35	29°17	24°27	21°22
S 18	4 22 28	4°42'03	19°38	21°31	18°20	11° 1	28°54	29°36	9°13	10°27	22°29	27°32	29°14	24°34	21°20
S 19	4 26 25	5°43'00	1 ^Ω 53	23° 3	19°25	11°12	28°55	29°31	9°11	10°27	22°28	27°D32	29°10	24°41	21°18
M20	4 30 22	6°43'58	14°22	24°35	20°30	11°23	28°56	29°26	9° 8	10°28	22°27	27°33	29° 7	24°48	21°17
T 21	4 34 18	7°44'57	27° 8	26° 7	21°36	11°33	28°57	29°21	9° 6	10°28	22°26	27°34	29° 4	24°54	21°15
W22	4 38 15	8°45'57	10 ^{II} 16	27°40	22°41	11°43	28°58	29°16	9° 3	10°28	22°25	27°R35	29° 1	25° 1	21°13
T 23	4 42 11	9°46'57	23°49	29°12	23°47	11°51	29° 0	29°11	9° 1	10°29	22°24	27°34	28°58	25° 8	21°11
F 24	4 46 8	10°47'58	7 ^{II} 49	0 ^Ω 45	24°53	12° 0	29° 2	29° 7	8°58	10°29	22°23	27°31	28°55	25°14	21°10
S 25	4 50 4	11°48'59	22°16	2°18	26° 0	12° 7	29° 4	29° 2	8°55	10°30	22°22	27°26	28°51	25°21	21° 8
S 26	4 54 1	12°50'00	7 ^Ω 7	3°51	27° 6	12°14	29° 6	28°57	8°53	10°30	22°21	27°19	28°48	25°28	21° 6
M27	4 57 57	13°51'03	22°15	5°24	28°13	12°20	29° 8	28°52	8°50	10°30	22°20	27°12	28°45	25°35	21° 5
T 28	5 1 54	14°52'06	7 ^{II} 30	6°57	29°21	12°26	29°11	28°48	8°48	10°30	22°19	27° 6	28°42	25°41	21° 3
W29	5 5 51	15°53'09	22°43	8°30	0 ^m 28	12°31	29°13	28°43	8°45	10°30	22°18	27° 1	28°39	25°48	21° 2
T 30	5 9 47	16°54'14	7 ^Ω 42	10 ^Ω 4	1 ^m 35	12°35	29 ^{II} 16	28 ^Ω 39	8 ^{II} 43	10 ^m 31	22°17	26°57	28°35	25 ^m 55	21° 1

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	17s 6	19n 8	3s32	8s38	2n21	0n36	1n 2	20n34	1n54	1s44	1s33	18n20	2s 8	21n58	0s 2	8n40	0n59	24n14	2n40	20n23	20n11	13s54	8n50	0n16
T 2	17 23	21 1	2 29	9 2	2 20	0 18	1 8	20 31	1 56	1 45	1 33	18 19	2 8	21 58	0 2	8 40	0 59	24 14	2 40	20 24	20 12	13 56	8 49	0 16
F 3	17 40	21 28	1 18	9 28	2 17	0s 1	1 13	20 28	1 58	1 45	1 33	18 18	2 8	21 57	0 2	8 39	0 59	24 14	2 40	20 25	20 12	13 58	8 48	0 15
S 4	17 56	20 32	0 5	9 55	2 14	0 20	1 18	20 25	2 0	1 46	1 32	18 17	2 8	21 57	0 2	8 39	0 59	24 15	2 40	20 25	20 13	14 0	8 47	0 15
S 5	18 12	18 25	1n 6	10 25	2 11	0 39	1 23	20 22	2 2	1 47	1 32	18 16	2 8	21 57	0 2	8 39	0 59	24 15	2 41	20 25	20 14	14 2	8 46	0 15
M 6	18 28	15 24	2 12	10 55	2 6	0 58	1 28	20 19	2 4	1 47	1 32	18 15	2 8	21 56	0 2	8 38	0 59	24 15	2 41	20 25	20 14	14 4	8 45	0 15
T 7	18 43	11 44	3 9	11 26	2 2	1 18	1 32	20 16	2 6	1 48	1 32	18 14	2 8	21 56	0 2	8 38	0 59	24 15	2 41	20 25	20 15	14 6	8 44	0 15
W 8	18 58	7 38	3 56	11 58	1 56	1 38	1 37	20 13	2 8	1 48	1 31	18 13	2 7	21 56	0 2	8 38	0 59	24 15	2 41	20 26	20 16	14 7	8 43	0 15
T 9	19 13	3 18	4 31	12 31	1 51	1 59	1 41	20 11	2 10	1 48	1 31	18 12	2 7	21 55	0 2	8 37	0 59	24 16	2 41	20 27	20 16	14 9	8 42	0 15
F 10	19 27	1s 7	4 54	13 4	1 45	2 19	1 45	20 9	2 12	1 49	1 31	18 11	2 7	21 55	0 2	8 37	0 59	24 16	2 41	20 29	20 17	14 11	8 41	0 15
S 11	19 41	5 26	5 3	13 37	1 39	2 40	1 49	20 6	2 14	1 49	1 30	18 10	2 7	21 55	0 2	8 37	0 59	24 16	2 41	20 31	20 18	14 13	8 40	0 15
S 12	19 55	9 32	4 59	14 10	1 32	3 1	1 53	20 4	2 16	1 49	1 30	18 9	2 7	21 54	0 2	8 37	0 59	24 16	2 42	20 33	20 18	14 15	8 39	0 15
M13	20 8	13 15	4 42	14 43	1 26	3 22	1 56	20 2	2 19	1 49	1 30	18 8	2 7	21 54	0 2	8 36	0 59	24 17	2 42	20 36	20 19	14 17	8 38	0 15
T 14	20 21	16 27	4 13	15 16	1 19	3 44	1 59	20 1	2 21	1 49	1 30	18 7	2 7	21 54	0 2	8 36	0 59	24 17	2 42	20 38	20 20	14 19	8 37	0 14
W15	20 33	19 0	3 33	15 48	1 12	4 5	2 3	19 59	2 23	1 48	1 29	18 7	2 7	21 53	0 2	8 36	0 59	24 17	2 42	20 40	20 20	14 21	8 36	0 14
T 16	20 45	20 44	2 43	16 20	1 5	4 27	2 6	19 58	2 25	1 48	1 29	18 6	2 7	21 53	0 2	8 36	0 59	24 17	2 42	20 41	20 21	14 23	8 35	0 14
F 17	20 57	21 33	1 45	16 52	0 58	4 49	2 9	19 56	2 28	1 48	1 29	18 5	2 7	21 52	0 2	8 35	0 59	24 18	2 42	20 42	20 22	14 25	8 35	0 14
S 18	21 8	21 22	0 42	17 23	0 51	5 11	2 11	19 55	2 30	1 47	1 28	18 4	2 7	21 52	0 2	8 35	0 59	24 18	2 42	20 43	20 22	14 27	8 34	0 14
S 19	21 19	20 11	0s23	17 53	0 44	5 33	2 14	19 54	2 32	1 47	1 28	18 3	2 7	21 52	0 2	8 35	0 59	24 18	2 42	20 43	20 23	14 29	8 33	0 14
M20	21 30	18 0	1 29	18 23	0 36	5 56	2 16	19 53	2 35	1 46	1 28	18 2	2 7	21 51	0 2	8 35	0 59	24 18	2 43	20 43	20 24	14 31	8 32	0 14
T 21	21 40	14 53	2 33	18 52	0 29	6 18	2 19	19 53	2 37	1 45	1 28	18 1	2 6	21 51	0 2	8 35	0 59	24 19	2 43	20 43	20 24	14 33	8 31	0 14
W22	21 50	10 58	3 30	19 20	0 22	6 40	2 21	19 52	2 39	1 45	1 27	18 0	2 6	21 51	0 2	8 35	0 59	24 19	2 43	20 42	20 25	14 35	8 31	0 14
T 23	21 59	6 24	4 17	19 48	0 15	7 3	2 23	19 52	2 42	1 44	1 27	17 59	2 6	21 50	0 2	8 35	0 59	24 19	2 43	20 43	20 26	14 37	8 30	0 14
F 24	22 8	1 20	4 51	20 14	0 8	7 25	2 25	19 52	2 44	1 43	1 27	17 58	2 6	21 50	0 2	8 34	1 0	24 19	2 43	20 43	20 26	14 39	8 29	0 13
S 25	22 16	3n56	5 7	20 40	0 1	7 48	2 26	19 52	2 46	1 42	1 26	17 57	2 6	21 49	0 2	8 34	1 0	24 20	2 43	20 44	20 27	14 41	8 29	0 13
S 26	22 24	9 8	5 4	21 5	0s 6	8 11	2 28	19 53	2 49	1 41	1 26	17 56	2 6	21 49	0 2	8 34	1 0	24 20	2 43	20 45	20 28	14 43	8 28	0 13
M27	22 32	13 52	4 40	21 28	0 13	8 33	2 29	19 53	2 51	1 39	1 26	17 55	2 6	21 49	0 2	8 34	1 0	24 20	2 43	20 47	20 28	14 45	8 27	0 13
T 28	22 39	17 45	3 56	21 51	0 19	8 56	2 30	19 54	2 54	1 38	1 25	17 55	2 5	21 48	0 2	8 34	1 0	24 21	2 43	20 48	20 29	14 47	8 27	0 13
W29	22 46	20 24	2 55	22 13	0 26	9 18	2 31	19 55																

SWISS EPHEMERIS for the year 1441

DECEMBER 1441 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	5 13 44	17 [♌] 55'19	22 [♋] 19	11 [♊] 37	2 [♋] 43	12 [♌] 38	29 [♈] 19	28 [♈] R34	8 [♈] R40	10 [♈] 31	22 [♈] R16	26 [♈] D56	28 [♈] 32	26 [♈] 1	20 [♈] R59
S 2	5 17 40	18 [♌] 56'25	6 [♋] 30	13 [♊] 11	3 [♋] 51	12 [♌] 41	29 [♈] 23	28 [♈] 30	8 [♈] 38	10 [♈] 31	22 [♈] 15	26 [♈] 56	28 [♈] 29	26 [♈] 8	20 [♈] 58
S 3	5 21 37	19 [♌] 57'32	20 [♋] 13	14 [♊] 45	4 [♋] 59	12 [♌] 43	29 [♈] 26	28 [♈] 25	8 [♈] 35	10 [♈] 31	22 [♈] 14	26 [♈] 57	28 [♈] 26	26 [♈] 15	20 [♈] 57
M 4	5 25 33	20 [♌] 58'39	3 [♋] 18	16 [♊] 19	6 [♋] 8	12 [♌] 44	29 [♈] 30	28 [♈] 21	8 [♈] 33	10 [♈] R31	22 [♈] 13	26 [♈] 59	28 [♈] 23	26 [♈] 22	20 [♈] 56
T 5	5 29 30	21 [♌] 59'47	16 [♋] 19	17 [♊] 53	7 [♋] 16	12 [♌] R44	29 [♈] 34	28 [♈] 17	8 [♈] 30	10 [♈] 31	22 [♈] 12	27 [♈] R 0	28 [♈] 20	26 [♈] 28	20 [♈] 55
W 6	5 33 26	23 [♌] 0'56	28 [♋] 48	19 [♊] 27	8 [♋] 25	12 [♌] 44	29 [♈] 38	28 [♈] 12	8 [♈] 28	10 [♈] 31	22 [♈] 11	27 [♈] 0	28 [♈] 16	26 [♈] 35	20 [♈] 54
T 7	5 37 23	24 [♌] 2'05	11 [♋] 2	21 [♊] 2	9 [♋] 34	12 [♌] 43	29 [♈] 42	28 [♈] 8	8 [♈] 25	10 [♈] 31	22 [♈] 10	26 [♈] 58	28 [♈] 13	26 [♈] 42	20 [♈] 53
F 8	5 41 20	25 [♌] 3'15	23 [♋] 4	22 [♊] 36	10 [♋] 43	12 [♌] 41	29 [♈] 47	28 [♈] 4	8 [♈] 23	10 [♈] 31	22 [♈] 9	26 [♈] 55	28 [♈] 10	26 [♈] 48	20 [♈] 52
S 9	5 45 16	26 [♌] 4'26	4 [♋] 59	24 [♊] 12	11 [♋] 52	12 [♌] 38	29 [♈] 51	28 [♈] 0	8 [♈] 21	10 [♈] 30	22 [♈] 7	26 [♈] 51	28 [♈] 7	26 [♈] 55	20 [♈] 51
S 10	5 49 13	27 [♌] 5'37	16 [♋] 50	25 [♊] 47	13 [♋] 2	12 [♌] 34	29 [♈] 56	27 [♈] 56	8 [♈] 18	10 [♈] 30	22 [♈] 6	26 [♈] 46	28 [♈] 4	27 [♈] 2	20 [♈] 50
M 11	5 53 9	28 [♌] 6'48	28 [♋] 40	27 [♊] 22	14 [♋] 11	12 [♌] 30	0 [♈] 1	27 [♈] 52	8 [♈] 16	10 [♈] 30	22 [♈] 5	26 [♈] 40	28 [♈] 1	27 [♈] 8	20 [♈] 50
T 12	5 57 6	29 [♌] 8'00	10 [♋] 33	28 [♊] 58	15 [♋] 21	12 [♌] 24	0 [♈] 6	27 [♈] 48	8 [♈] 14	10 [♈] 30	22 [♈] 4	26 [♈] 35	27 [♈] 57	27 [♈] 15	20 [♈] 49
W 13	6 1 2	0 [♌] 9'12	22 [♋] 29	0 [♋] 34	16 [♊] 31	12 [♌] 18	0 [♈] 12	27 [♈] 44	8 [♈] 11	10 [♈] 29	22 [♈] 3	26 [♈] 31	27 [♈] 54	27 [♈] 22	20 [♈] 48
T 14	6 4 59	1 [♌] 10'25	4 [♋] 31	2 [♊] 11	17 [♋] 41	12 [♌] 11	0 [♈] 17	27 [♈] 41	8 [♈] 9	10 [♈] 29	22 [♈] 1	26 [♈] 27	27 [♈] 51	27 [♈] 29	20 [♈] 48
F 15	6 8 55	2 [♌] 11'37	16 [♋] 41	3 [♊] 48	18 [♋] 51	12 [♌] 3	0 [♈] 23	27 [♈] 37	8 [♈] 7	10 [♈] 29	22 [♈] 0	26 [♈] 26	27 [♈] 48	27 [♈] 35	20 [♈] 47
S 16	6 12 52	3 [♌] 12'49	28 [♋] 59	5 [♊] 25	20 [♋] 1	11 [♌] 55	0 [♈] 29	27 [♈] 33	8 [♈] 4	10 [♈] 28	21 [♈] 59	26 [♈] D25	27 [♈] 45	27 [♈] 42	20 [♈] 47
S 17	6 16 49	4 [♌] 14'02	11 [♋] 28	7 [♊] 2	21 [♋] 12	11 [♌] 45	0 [♈] 35	27 [♈] 30	8 [♈] 2	10 [♈] 28	21 [♈] 58	26 [♈] 26	27 [♈] 41	27 [♈] 49	20 [♈] 46
M 18	6 20 45	5 [♌] 15'14	24 [♋] 8	8 [♊] 40	22 [♋] 22	11 [♌] 35	0 [♈] 41	27 [♈] 27	8 [♈] 0	10 [♈] 27	21 [♈] 56	26 [♈] 27	27 [♈] 38	27 [♈] 55	20 [♈] 46
T 19	6 24 42	6 [♌] 16'25	7 [♋] 4	10 [♊] 18	23 [♋] 33	11 [♌] 24	0 [♈] 48	27 [♈] 23	7 [♈] 58	10 [♈] 27	21 [♈] 55	26 [♈] 29	27 [♈] 35	28 [♈] 2	20 [♈] 46
W 20	6 28 38	7 [♌] 17'37	20 [♋] 16	11 [♊] 57	24 [♋] 43	11 [♌] 12	0 [♈] 54	27 [♈] 20	7 [♈] 56	10 [♈] 26	21 [♈] 54	26 [♈] 30	27 [♈] 32	28 [♈] 9	20 [♈] 46
T 21	6 32 35	8 [♌] 18'47	3 [♋] 46	13 [♊] 36	25 [♋] 54	11 [♌] 0	1 [♈] 1	27 [♈] 17	7 [♈] 54	10 [♈] 26	21 [♈] 53	26 [♈] R31	27 [♈] 29	28 [♈] 16	20 [♈] 46
F 22	6 36 31	9 [♌] 19'58	17 [♋] 37	15 [♊] 15	27 [♋] 5	10 [♌] 46	1 [♈] 8	27 [♈] 14	7 [♈] 51	10 [♈] 25	21 [♈] 51	26 [♈] 31	27 [♈] 26	28 [♈] 22	20 [♈] 45
S 23	6 40 28	10 [♌] 21'08	1 [♋] 47	16 [♊] 54	28 [♋] 16	10 [♌] 32	1 [♈] 15	27 [♈] 11	7 [♈] 49	10 [♈] 25	21 [♈] 50	26 [♈] 30	27 [♈] 22	28 [♈] 29	20 [♈] D45
S 24	6 44 24	11 [♌] 22'17	16 [♋] 16	18 [♊] 34	29 [♋] 27	10 [♌] 17	1 [♈] 23	27 [♈] 8	7 [♈] 47	10 [♈] 24	21 [♈] 49	26 [♈] 28	27 [♈] 19	28 [♈] 36	20 [♈] 46
M 25	6 48 21	12 [♌] 23'26	1 [♋] 0	20 [♊] 14	0 [♋] 38	10 [♌] 1	1 [♈] 30	27 [♈] 5	7 [♈] 45	10 [♈] 23	21 [♈] 47	26 [♈] 27	27 [♈] 16	28 [♈] 42	20 [♈] 46
T 26	6 52 18	13 [♌] 24'34	15 [♋] 52	21 [♊] 54	1 [♋] 50	9 [♌] 45	1 [♈] 38	27 [♈] 3	7 [♈] 43	10 [♈] 23	21 [♈] 46	26 [♈] 25	27 [♈] 13	28 [♈] 49	20 [♈] 46
W 27	6 56 14	14 [♌] 25'42	0 [♋] 45	23 [♊] 35	3 [♋] 1	9 [♌] 28	1 [♈] 45	27 [♈] 0	7 [♈] 42	10 [♈] 22	21 [♈] 45	26 [♈] 24	27 [♈] 10	28 [♈] 56	20 [♈] 46
T 28	7 0 11	15 [♌] 26'49	15 [♋] 32	25 [♊] 16	4 [♋] 12	9 [♌] 10	1 [♈] 53	26 [♈] 58	7 [♈] 40	10 [♈] 21	21 [♈] 43	26 [♈] 23	27 [♈] 7	29 [♈] 2	20 [♈] 46
F 29	7 4 7	16 [♌] 27'56	0 [♋] 4	26 [♊] 56	5 [♋] 24	8 [♌] 52	2 [♈] 1	26 [♈] 56	7 [♈] 38	10 [♈] 20	21 [♈] 42	26 [♈] D23	27 [♈] 3	29 [♈] 9	20 [♈] 47
S 30	7 8 4	17 [♌] 29'02	14 [♋] 16	28 [♊] 37	6 [♋] 35	8 [♌] 33	2 [♈] 9	26 [♈] 53	7 [♈] 36	10 [♈] 19	21 [♈] 41	26 [♈] D23	27 [♈] 0	29 [♈] 16	20 [♈] 47
S 31	7 12 0	18 [♌] 30'08	28 [♋] 4	0 [♋] 18	7 [♋] 47	8 [♌] 13	2 [♈] 18	26 [♈] 51	7 [♈] 34	10 [♈] 19	21 [♈] 39	26 [♈] 24	26 [♈] 57	29 [♈] 23	20 [♈] 48

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	22s58	21n15	0s25	22s53	0s39	10s 3	2n33	19n58	3n 1	1s34	1s25	17n52	2s 5	21n47	0s 2	8n34	1n 0	24n21	2n44	20n50	20n31	14s53	8n25	0n13
S 2	23 3	19 32	0n52	23 12	0 45	10 25	2 34	19 59	3 4	1 32	1 24	17 51	2 5	21 47	0 2	8 34	1 0	24 22	2 44	20 50	20 32	14 55	8 24	0 13
S 3	23 8	16 44	2 3	23 29	0 51	10 48	2 35	20 1	3 6	1 30	1 24	17 50	2 5	21 46	0 2	8 34	1 0	24 22	2 44	20 50	20 32	14 56	8 24	0 13
M 4	23 12	13 9	3 6	23 45	0 57	11 10	2 35	20 3	3 9	1 29	1 24	17 50	2 5	21 46	0 2	8 34	1 0	24 22	2 44	20 49	20 33	14 58	8 23	0 13
T 5	23 16	9 3	3 57	24 0	1 3	11 32	2 35	20 6	3 12	1 27	1 23	17 49	2 4	21 46	0 2	8 34	1 0	24 23	2 44	20 49	20 33	15 0	8 23	0 12
W 6	23 20	4 41	4 35	24 14	1 8	11 54	2 36	20 8	3 14	1 25	1 23	17 48	2 4	21 45	0 2	8 34	1 0	24 23	2 44	20 49	20 34	15 2	8 22	0 12
T 7	23 23	0 13	5 0	24 26	1 14	12 16	2 36	20 11	3 17	1 23	1 23	17 47	2 4	21 45	0 2	8 34	1 0	24 23	2 44	20 50	20 35	15 4	8 22	0 12
F 8	23 25	4s10	5 11	24 37	1 19	12 37	2 36	20 14	3 19	1 21	1 22	17 47	2 4	21 44	0 2	8 35	1 0	24 23	2 45	20 50	20 35	15 6	8 21	0 12
S 9	23 27	8 22	5 9	24 47	1 24	12 59	2 35	20 18	3 22	1 19	1 22	17 46	2 4	21 44	0 2	8 35	1 0	24 24	2 45	20 51	20 36	15 8	8 21	0 12
S 10	23 29	12 13	4 53	24 55	1 29	13 20	2 35	20 21	3 24	1 17	1 22	17 45	2 3	21 44	0 2	8 35	1 0	24 24	2 45	20 52	20 37	15 10	8 21	0 12
M 11	23 30	15 37	4 25	25 2	1 33	13 41	2 35	20 25	3 27	1 14	1 22	17 44	2 3	21 43	0 2	8 35	1 0	24 24	2 45	20 53	20 37	15 12	8 20	0 12
T 12	23 30	18 22	3 46	25 8	1 38	14 2	2 34	20 29	3 30	1 12	1 21	17 44	2 3	21 43	0 2									