

SWISS EPHEMERIS for the year 1416

JANUARY 1416 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♆	♄	♁	♁	♁	♁	♁
W 1	7 13 13	18°34'54	25°32'22	4°25'	26°56'	26° 4'	26°34'	18°R46	23° 3'	11°R28	20°R10	21°R 7	19°A49	21°A21	14°A38	
T 2	7 17 9	19°51'02	7°39'	5°58'	27°20'	26°35'	26°59'	18°34'	23° 6'	11°32'	20°II 9	21°A 3	19°A6	21°28	14°44	
F 3	7 21 6	20°52'09	7°29'	7°29'	27°41'	27° 5'	27°13'	18°36'	23° 9'	11°25'	20° 8	20°58	19°42	21°35	14°50	
S 4	7 25 3	21°53'15	2°14'	8°58'	28° 1'	27°35'	27°28'	18°31'	23°12'	11°23'	20° 7	20°52	19°39	21°41	14°56	
S 5	7 28 59	22°54'20	14°54'	10°24'	28°18'	28° 5'	27°42'	18°26'	23°16'	11°21'	20° 6	20°47	19°36	21°48	15° 2	
M 6	7 32 56	23°55'25	27°48'	11°47'	28°34'	28°35'	27°56'	18°21'	23°19'	11°20'	20° 5	20°43	19°33	21°55	15° 8	
T 7	7 36 52	24°56'28	10°10'58	13° 5'	28°47'	29° 5'	28°10'	18°17'	23°22'	11°18'	20° 4	20°40	19°30	22° 1	15°14	
W 8	7 40 49	25°57'30	24°25'	14°19'	28°58'	29°35'	28°24'	18°12'	23°25'	11°16'	20° 3	20°D39	19°27	22° 8	15°20	
T 9	7 44 45	26°58'31	8°11'	15°27'	29° 7'	29° 7'	28°39'	18° 7'	23°28'	11°15'	20° 2	20°40	19°23	22°15	15°25	
F 10	7 48 42	27°59'31	22°17'	16°29'	29°13'	0°33'	28°53'	18° 2'	23°31'	11°13'	20° 1	20°41	19°20	22°21	15°31	
S 11	7 52 38	29° 0'30	6°11'42	17°23'	29°17'	1° 2'	29° 7'	17°57'	23°34'	11°12'	20° 0	20°43	19°17	22°28	15°37	
S 12	7 56 35	0° 1'27	21°24'	18°10'	29°R19	1°31'	29°21'	17°52'	23°38'	11°10'	19°59	20°R43	19°14	22°34	15°42	
M13	8 0 32	1° 2'23	6°18'	18°47'	29°18'	2° 0'	29°36'	17°48'	23°41'	11° 8	19°59	20°42	19°11	22°41	15°48	
T 14	8 4 28	2° 3'19	21°16'	19°16'	29°14'	2°29'	29°50'	17°43'	23°44'	11° 7	19°58	20°39	19° 8	22°48	15°53	
W15	8 8 25	3° 4'13	6°11'	19°34'	29° 8'	2°57'	0° 4'	17°38'	23°48'	11° 5	19°57	20°34	19° 4	22°54	15°59	
T 16	8 12 21	4° 5'05	20°53'	19°R41	29° 0'	3°25'	0°18'	17°33'	23°51'	11° 4	19°56	20°28	19° 1	23° 1	16° 4	
F 17	8 16 18	5° 5'57	5°11'15	19°37'	28°49'	3°53'	0°33'	17°29'	23°54'	11° 2	19°55	20°20	18°58	23° 8	16° 9	
S 18	8 20 14	6° 6'48	19°13'	19°22'	28°35'	4°21'	0°47'	17°24'	23°57'	11° 1	19°54	20°13	18°55	23°14	16°14	
S 19	8 24 11	7° 7'38	2°43'	18°56'	28°19'	4°49'	1° 1'	17°20'	24° 1'	10°59	19°54	20° 7	18°52	23°21	16°20	
M20	8 28 8	8° 8'26	15°46'	18°20'	28° 1'	5°17'	1°15'	17°15'	24° 4'	10°58	19°53	20° 2	18°48	23°28	16°25	
T 21	8 32 4	9° 9'14	28°23'	17°34'	27°40'	5°44'	1°30'	17°11'	24° 8'	10°56	19°52	19°59	18°45	23°34	16°30	
W22	8 36 1	10°10'01	10°11'41	16°40'	27°17'	6°11'	1°44'	17° 6'	24°11'	10°55	19°51	19°D59	18°42	23°41	16°35	
T 23	8 39 57	11°10'47	22°42'	15°38'	26°52'	6°38'	1°58'	17° 2'	24°14'	10°53	19°51	19°59	18°39	23°48	16°40	
F 24	8 43 54	12°11'32	4°13'34	14°32'	26°24'	7° 4'	2°12'	16°58'	24°18'	10°52	19°50	20° 0	18°36	23°54	16°44	
S 25	8 47 50	13°12'15	16°20'	13°23'	25°55'	7°31'	2°26'	16°54'	24°21'	10°51	19°49	20°R 1	18°33	24° 1	16°49	
S 26	8 51 47	14°12'58	28° 7'	12°12'	25°24'	7°57'	2°40'	16°50'	24°25'	10°49	19°49	20° 1	18°29	24° 8	16°54	
M27	8 55 43	15°13'39	9°35'58	11° 2'	24°51'	8°23'	2°54'	16°45'	24°28'	10°48	19°48	19°59	18°26	24°14	16°59	
T 28	8 59 40	16°14'19	21°56'	9°55'	24°17'	8°49'	3° 9'	16°42'	24°31'	10°47	19°48	19°54	18°23	24°21	17° 3	
W29	9 3 37	17°14'58	4° 5'	8°51'	23°42'	9°14'	3°23'	16°38'	24°35'	10°45	19°47	19°47	18°20	24°27	17° 8	
T 30	9 7 33	18°15'35	16°26'	7°53'	23° 6'	9°39'	3°37'	16°34'	24°38'	10°44	19°46	19°37	18°17	24°34	17°12	
F 31	9 11 30	19°16'11	29° 0'	7° 0'	22°29'	10°11'	3°55'	16°30'	24°42'	10°43	19°46	19°A26	18°A14	24°A41	17°A16	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♆	♄	♁	♁	♁	♁	♁	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	22s11	18s14	2n57	20s44	1s34	10s46	1n56	8s29	1n44	21s19	0s27	22n12	0n 1	14s33	0s43	22n16	0s45	16n32	6s38	23s13	23s 7	23s 6	18s 0	4n40
T 2	22 2 14 48	3 47	20 14	1 26	10 26	2 8	8 40	1 44	21 16	0 27	22 13	0 1	14 32	0 43	22 16	0 45	16 32	6 38	23 13	23 7	23 5	18 0	4 40	
F 3	21 53	10 42	4 28	19 43	1 18	10 7	2 20	8 51	1 44	21 14	0 27	22 14	0 1	14 31	0 43	22 16	0 45	16 32	6 38	23 12	23 7	23 5	18 0	4 40
S 4	21 44	6 6	4 56	19 11	1 9	9 49	2 33	9 2	1 44	21 11	0 27	22 15	0 1	14 30	0 43	22 16	0 45	16 32	6 38	23 12	23 7	23 4	18 1	4 41
S 5	21 34	1 11	5 11	18 38	0 59	9 31	2 46	9 12	1 44	21 8	0 27	22 16	0 1	14 29	0 43	22 16	0 45	16 32	6 38	23 12	23 6	23 4	18 1	4 41
M 6	21 23	3n52	5 10	18 5	0 49	9 13	2 59	9 23	1 44	21 5	0 28	22 16	0 1	14 28	0 43	22 17	0 45	16 32	6 38	23 11	23 6	23 3	18 1	4 42
T 7	21 13	8 50	4 53	17 32	0 37	8 56	3 12	9 33	1 44	21 3	0 28	22 17	0 1	14 27	0 43	22 17	0 45	16 32	6 38	23 11	23 6	23 3	18 1	4 42
W 8	21 1 13 31	4 20	16 59	0 25	8 40	3 25	9 44	1 45	21 0	0 28	22 18	0 2	14 26	0 42	22 17	0 45	16 32	6 37	23 11	23 6	23 2	18 1	4 42	
T 9	20 50	17 37	3 31	16 26	0 11	8 24	3 39	9 54	1 45	20 57	0 28	22 19	0 2	14 24	0 42	22 17	0 45	16 32	6 37	23 11	23 5	23 2	18 2	4 43
F 10	20 38	20 48	2 29	15 54	0n 3	8 9	3 53	10 4	1 45	20 54	0 28	22 19	0 2	14 23	0 42	22 17	0 45	16 32	6 37	23 11	23 5	23 1	18 2	4 43
S 11	20 25	22 44	1 16	15 23	0 18	7 54	4 7	10 14	1 45	20 51	0 28	22 20	0 2	14 22	0 42	22 17	0 45	16 32	6 37	23 11	23 5	23 1	18 2	4 44
S 12	20 13	23 10	0s 4	14 53	0 34	7 40	4 21	10 24	1 45	20 48	0 28	22 21	0 2	14 21	0 42	22 18	0 45	16 32	6 37	23 11	23 5	23 0	18 2	4 44
M13	19 59	21 58	1 24	14 26	0 51	7 27	4 35	10 34	1 45	20 45	0 28	22 22	0 2	14 20	0 42	22 18	0 45	16 33	6 37	23 11	23 4	23 0	18 2	4 45
T 14	19 46	19 13	2 38	14 1	1 8	7 15	4 49	10 44	1 45	20 43	0 28	22 22	0 2	14 19	0 42	22 18	0 45	16 33	6 36	23 11	23 4	22 59	18 2	4 45
W15	19 32	15 12	3 42	13 39	1 25	7 4	5 4	10 53	1 45	20 40	0 28	22 23	0 2	14 18	0 42	22 18	0 45	16 33	6 36	23 11	23 4	22 59	18 2	4 45
T 16	19 18	10 20	4 29	13 20	1 43	6 54	5 18	11 3	1 45	20 37	0 28	22 24	0 2	14 17	0 42	22 18	0 45	16 33	6 36	23 10	23 4	22 58	18 3	4 46
F 17	19 3 4 59	4 58	13 5	2 0	6 44	5 32	11 12	1 45	20 34	0 29	22 25	0 2	14 16	0 42	22 18	0 45	16 33	6 36	23 10	23 3	22 58	18 3	4 46	
S 18	18 48	0s27	5 9	12 53	2 17	6 36	5 46	11 22	1 45	20 31	0 29	22 25	0 3	14 15	0 42	22 18	0 45	16 33	6 36	23 9	23 3	22 57	18 3	4 47
S 19	18 33	5 41	5 2	12 46	2 34	6 28	6 0	11 31	1 45	20 28	0 29	22 26	0 3	14 13	0 42	22 19	0 45	16 33	6 36	23 9	23 3	22 57	18 3	4 47
M20	18 17	10 30	4 39	12 42	2 49	6 21	6 13	11 40	1 45	20 25	0 29	22 27	0 3	14 12	0 42	22 19	0 45	16 33	6 36	23 8	23 2	22 56	18 3	4 48
T 21	18 1	14 42	4 3	12 43	3 3	6 16	6 27	11 49	1 45	20 22	0 29	22 27	0 3	14 11	0 42	22 19	0 45	16 33	6 35	23 8	23 2	22 56	18 3	4 48
W22	17 45	18 11	3 16	12 48	3 15	6 12	6 40	11 58	1 45	20 19	0 29	22 28	0 3	14 10	0 42	22 19	0 45	16 33	6 35	23 8	23 2	22 55	18 3	4 49
T 23	17 29	20 48	2 22	12 56	3 25	6 8	6 52	12 7	1 45	20 15	0 29	22 29	0 3	14 9	0 42	22 19	0 45	16 34	6 35	23 8	23 2	22 54	18 3	4 49
F 24	17 12	22 28	1 22	13 7	3 33	6 6	7 4	12 15	1 45	20 12	0 29	22 29	0 3	14 8	0 42	22 19	0 45	16 34	6 35	23 8	23 1	22 54	18 3	4 50
S 25	16 54	23 8	0 20	13 21	3 39	6 5	7 16	12 24	1 45	20 9	0 29	22 30	0 3	14 7	0 42	22 19	0 45	16 34	6 35	23 8	23 1	22 53	18 3	4 50
S 26	16 37	22 47	0n43	13 37	3 43	6 5	7 27	12 32	1 45	20 6	0 29	22 31	0 3	14 6	0 42	22 20	0 45	16 34	6 35	23 8	23 1	22 53	18 3	4 51
M27	16 19	21 24	1 45	13 56	3 44	6 5	7 37	12 41	1 45	20 3	0 30	22 31	0 4	14 4	0 42	22 20	0 45	16 34	6 34	23 8	23 1	22 52	18 2	4 51
T 28	16 1	19 3	2 43	14 15	3 43	6 7	7 47	12 49	1 45	20 0	0 30	22 32	0 4	14 3	0 42	22 20	0 45	16 34						

SWISS EPHEMERIS for the year 1416

FEBRUARY 1416 JC

00:00 UT

Table with columns: Day, Sid.t, ☉, ☽, ♀, ♀, ♂, ♃, ♄, ♅, ♆, ♇, ♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓. Contains astronomical data for February 1416.

Table with columns: Day, ☉, ☽, ♀, ♀, ♂, ♃, ♄, ♅, ♆, ♇, ♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓. Contains detailed astronomical data for February 1416, including declination and latitude.

Julian Day Number = 2238282.5, Delta T = 295.41 sec

Ecliptic obliquity = 23°30'53", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 16°35'41", Lahiri = 15°42'41" Julian Calendar 1 Feb. 1416 == Greg. Calendar 10 Feb. 1416

SWISS EPHEMERIS for the year 1416

MARCH 1416 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	11 9 46	19♂19 43	4♂18	23♂48	14♂28	20♂1	10♂33	15°R19	26♂24	10°R17	19♂40	16°R12	16♂38	28♂0	18♂49								
M 2	11 13 43	20°19'21	17°53	25°9	14°45	20°15	10°46	15°59	26°27	10°17	19°40	16°35	16°35	28°7	18°51								
T 3	11 17 39	21°18'57	1♂38	26°32	15°5	20°27	10°59	15°18	26°30	10°17	19°40	15°53	16°32	28°13	18°53								
W 4	11 21 36	22°18'31	15°31	27°57	15°26	20°40	11°11	15°18	26°33	10°16	19°40	15°47	16°29	28°20	18°54								
T 5	11 25 32	23°18'03	29°29	29°23	15°49	20°52	11°23	15°17	26°37	10°16	19°41	15°45	16°25	28°27	18°56								
F 6	11 29 29	24°17'33	13♂31	0♂50	16°13	21°3	11°36	15°17	26°40	10°16	19°41	15°D44	16°22	28°33	18°57								
S 7	11 33 26	25°17'00	27°36	2°19	16°40	21°14	11°48	15°17	26°43	10°16	19°41	15°R44	16°19	28°40	18°59								
S 8	11 37 22	26°16'24	11♂43	3°49	17°8	21°24	12°0	15°D17	26°46	10°15	19°41	15°44	16°16	28°47	19°0								
M 9	11 41 19	27°15'47	25°51	5°21	17°37	21°33	12°12	15°17	26°49	10°15	19°42	15°41	16°13	28°53	19°1								
T 10	11 45 15	28°15'07	9♂59	6°54	18°8	21°42	12°24	15°17	26°52	10°15	19°42	15°36	16°10	29°0	19°2								
W 11	11 49 12	29°14'24	24°4	8°28	18°41	21°51	12°36	15°17	26°55	10°15	19°42	15°28	16°6	29°7	19°3								
T 12	11 53 8	0♂13'39	8♂2	10°4	19°15	21°59	12°48	15°17	26°58	10°15	19°43	15°18	16°3	29°13	19°3								
F 13	11 57 5	1°12'53	21°49	11°42	19°50	22°6	13°0	15°18	27°1	10°D15	19°43	15°6	16°0	29°20	19°4								
S 14	12 1 1	2°12'03	5♂21	13°20	20°26	22°12	13°12	15°18	27°4	10°15	19°43	14°54	15°57	29°27	19°5								
S 15	12 4 58	3°11'12	18°35	15°0	21°4	22°18	13°23	15°19	27°7	10°15	19°44	14°43	15°54	29°33	19°5								
M 16	12 8 54	4°10'19	1♂29	16°42	21°43	22°23	13°35	15°20	27°10	10°15	19°44	14°34	15°51	29°40	19°6								
T 17	12 12 51	5°9'24	14°5	18°25	22°23	22°28	13°46	15°21	27°13	10°15	19°45	14°28	15°47	29°46	19°6								
W 18	12 16 48	6°8'27	26°23	20°9	23°4	22°32	13°57	15°22	27°16	10°16	19°45	14°24	15°44	29°53	19°6								
T 19	12 20 44	7°7'29	8♂27	21°55	23°46	22°35	14°9	15°23	27°19	10°16	19°46	14°22	15°41	29°59	19°6								
F 20	12 24 41	8°6'28	20°21	23°42	24°29	22°37	14°20	15°24	27°22	10°16	19°46	14°D22	15°38	0♂6	19°R 6								
S 21	12 28 37	9°5'26	2♂10	25°31	25°13	22°39	14°31	15°26	27°25	10°16	19°47	14°23	15°35	0°13	19°6								
S 22	12 32 34	10°4'22	13°59	27°21	25°59	22°40	14°42	15°27	27°27	10°17	19°48	14°R23	15°31	0°20	19°6								
M 23	12 36 30	11°3'16	25°54	29°13	26°45	22°R41	14°53	15°29	27°30	10°17	19°48	14°22	15°28	0°26	19°6								
T 24	12 40 27	12°2'08	8♂0	1°Y 6	27°31	22°40	15°4	15°30	27°33	10°17	19°49	14°18	15°25	0°33	19°6								
W 25	12 44 23	13°0'59	20°22	3°1	28°19	22°39	15°14	15°32	27°35	10°18	19°49	14°13	15°22	0°40	19°5								
T 26	12 48 20	13°59'47	3♂2	4°57	29°7	22°37	15°25	15°34	27°38	10°18	19°50	14°5	15°19	0°46	19°5								
F 27	12 52 17	14°58'34	16°4	6°55	29°57	22°34	15°35	15°36	27°41	10°19	19°51	13°56	15°16	0°53	19°4								
S 28	12 56 13	15°57'19	29°26	8°54	0♂47	22°31	15°46	15°38	27°43	10°19	19°52	13°46	15°12	1°0	19°4								
S 29	13 0 10	16°56'02	13°Y 9	10°54	1°37	22°26	15°56	15°40	27°46	10°20	19°52	13°36	15°9	1°6	19°3								
M 30	13 4 6	17°54'43	27°8	12°56	2°29	22°21	16°6	15°43	27°48	10°20	19°53	13°28	15°6	1°13	19°2								
T 31	13 8 3	18°Y53'22	11♂19	14°Y59	3♂20	22♂16	16♂16	15°45	27♂51	10°21	19♂54	13°Y22	15°3	1°20	19♂1								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	4s14	6n 5	4n46	15s16	1s44	10s56	5n51	16s15	1n37	18s11	0s34	22n45	0n 7	13s25	0s43	22n23	0s44	16n40	6s28	22s48	22s50	22s29	17s52	5n11
M 2	3 51	10 58	4 16	14 54	1 49	11 1	5 41	16 19	1 36	18 8	0 34	22 45	0 7	13 24	0 43	22 23	0 44	16 40	6 28	22 47	22 50	22 28	17 52	5 12
T 3	3 27	15 22	3 31	14 30	1 55	11 6	5 30	16 23	1 36	18 5	0 34	22 45	0 7	13 23	0 43	22 23	0 44	16 40	6 28	22 46	22 50	22 27	17 51	5 13
W 4	3 4	18 58	2 33	14 5	1 59	11 10	5 20	16 27	1 35	18 1	0 34	22 45	0 7	13 22	0 43	22 23	0 44	16 40	6 27	22 45	22 50	22 27	17 51	5 13
T 5	2 40	21 29	1 25	13 39	2 3	11 13	5 9	16 31	1 34	17 58	0 34	22 45	0 7	13 21	0 43	22 23	0 44	16 41	6 27	22 45	22 49	22 26	17 50	5 14
F 6	2 16	22 41	0 12	13 12	2 7	11 16	4 59	16 34	1 34	17 55	0 35	22 45	0 7	13 20	0 43	22 23	0 44	16 41	6 27	22 45	22 49	22 25	17 50	5 15
S 7	1 53	22 27	1s 2	12 43	2 10	11 18	4 49	16 38	1 33	17 52	0 35	22 46	0 7	13 19	0 43	22 23	0 44	16 41	6 27	22 45	22 49	22 24	17 49	5 15
S 8	1 29	20 47	2 13	12 13	2 13	11 20	4 38	16 41	1 32	17 48	0 35	22 46	0 8	13 18	0 43	22 24	0 44	16 41	6 27	22 45	22 48	22 23	17 49	5 16
M 9	1 6	17 50	3 15	11 41	2 16	11 21	4 28	16 44	1 31	17 45	0 35	22 46	0 8	13 17	0 43	22 24	0 44	16 42	6 26	22 45	22 48	22 23	17 48	5 16
T 10	0 42	13 51	4 6	11 8	2 18	11 21	4 18	16 47	1 31	17 42	0 35	22 46	0 8	13 16	0 43	22 24	0 44	16 42	6 26	22 44	22 48	22 22	17 48	5 17
W 11	0 18	9 7	4 41	10 34	2 19	11 21	4 8	16 50	1 30	17 39	0 35	22 46	0 8	13 15	0 43	22 24	0 44	16 42	6 26	22 43	22 47	22 21	17 47	5 18
T 12	0n 5	3 57	4 59	9 59	2 20	11 20	3 58	16 53	1 29	17 35	0 36	22 46	0 8	13 14	0 43	22 24	0 43	16 42	6 26	22 42	22 47	22 20	17 46	5 18
F 13	0 29	1s20	4 59	9 22	2 21	11 18	3 48	16 56	1 28	17 32	0 36	22 46	0 8	13 13	0 43	22 24	0 43	16 42	6 26	22 41	22 47	22 19	17 46	5 19
S 14	0 53	6 27	4 43	8 44	2 21	11 16	3 38	16 59	1 27	17 29	0 36	22 46	0 8	13 12	0 43	22 24	0 43	16 43	6 25	22 39	22 46	22 19	17 45	5 20
S 15	1 16	11 10	4 41	8 5	2 21	11 14	3 29	17 1	1 26	17 26	0 36	22 46	0 8	13 11	0 43	22 24	0 43	16 43	6 25	22 38	22 46	22 18	17 45	5 20
M 16	1 40	15 16	3 27	7 25	2 20	11 10	3 19	17 3	1 25	17 23	0 36	22 46	0 8	13 10	0 43	22 24	0 43	16 43	6 25	22 37	22 46	22 17	17 44	5 21
T 17	2 3	18 34	2 34	6 43	2 18	11 6	3 10	17 6	1 24	17 20	0 36	22 46	0 8	13 9	0 43	22 24	0 43	16 43	6 25	22 36	22 45	22 16	17 43	5 22
W 18	2 27	20 56	1 34	6 0	2 16	11 2	3 0	17 8	1 23	17 17	0 37	22 46	0 8	13 8	0 43	22 24	0 43	16 44	6 25	22 36	22 45	22 15	17 43	5 22
T 19	2 50	22 18	0 32	5 16	2 14	10 57	2 51	17 9	1 22	17 13	0 37	22 46	0 8	13 7	0 43	22 24	0 43	16 44	6 24	22 36	22 45	22 14	17 42	5 23
F 20	3 14	22 38	0n32	4 31	2 11	10 51	2 42	17 11	1 20	17 10	0 37	22 46	0 9	13 6	0 43	22 24	0 43	16 44	6 24	22 36	22 44	22 14	17 41	5 24
S 21	3 37	21 56	1 34	3 44	2 8	10 45	2 33	17 13	1 19	17 7	0 37	22 46	0 9	13 5	0 43	22 24	0 43	16 44	6 24	22 36	22 44	22 13	17 41	5 24
S 22	4 0	20 16	2 31	2 57	2 4	10 38	2 24	17 14	1 18	17 4	0 37	22 46	0 9	13 4	0 43	22 24	0 43	16 44	6 24	22 36	22 44	22 12	17 40	5 25
M 23	4 23	17 42	3 23	2 8	2 0	10 31	2 16	17 16	1 17	17 1	0 38	22 46	0 9	13 3	0 43	22 24	0 43	16 45	6 24	22 36	22 43	22 11	17 40	5 25
T 24	4 46	14 21	4 6	1 19	1 55	10 23	2 7	17 17	1 15	16 58	0 38	22 45	0 9	13 2	0 43	22 24	0 43	16 45	6 23	22 35	22 43	22 10	17 39	5 26
W 25	5 9	10 20	4 39	0 28	1 49	10 15	1 59	17 18	1 14	16 55	0 38	22 45	0 9	13 1	0 43	22 24	0 43	16 45	6 23	22 35	22 42	22 9	17 38	5 27
T 26	5 32	5 46	4 59	0n24	1 43	10 6	1 50	17 19	1 12	16 52	0 38	22 45	0 9	13 0	0 43	22 24	0 43	16 45	6 23	22 34	22 42	22 8	17 38	5 27
F 27	5 55	0 50	5 5	1 16	1 37	9 56	1 42	17 20	1 11	16 49	0 38	22 45	0 9	12 59	0 43	22 24	0 43	16 46	6 23	22 33	22 42	22 7	17 37	5 28
S 28	6 18	4n16	4 54	2 10	1 30	9 46	1 34	17 20	1															

SWISS EPHEMERIS for the year 1416

APRIL 1416 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁
W 1	13 11 59	19°52'00	25°38	17°3	4°13	22°R 9	16°26	15°54	27°53	10°21	19°55	13°R18	15°0	1°26	19°R 0
T 2	13 15 56	20°50'35	9°11'58	19° 9	5° 6	22°M 2	16°36	15°50	27°56	10°22	19°55	13°D17	14°56	1°33	18°59
F 3	13 19 52	21°49'07	24°18	21°15	6° 0	21°54	16°46	15°53	27°58	10°23	19°56	13°R17	14°53	1°40	18°57
S 4	13 23 49	22°47'38	8°33	23°22	6°54	21°45	16°55	15°56	28° 0	10°24	19°57	13°R18	14°50	1°46	18°56
S 5	13 27 46	23°46'06	22°41	25°30	7°49	21°35	17° 5	15°59	28° 3	10°24	19°58	13°R19	14°47	1°53	18°55
M 6	13 31 42	24°44'33	6°24	27°38	8°44	21°25	17°14	16° 2	28° 5	10°25	19°59	13°R18	14°44	1°59	18°53
T 7	13 35 39	25°42'56	20°35	29°46	9°40	21°14	17°23	16° 5	28° 7	10°26	20° 0	13°R15	14°41	2° 6	18°52
W 8	13 39 35	26°41'18	4°19	31°54	10°36	21° 2	17°32	16° 8	28° 9	10°27	20° 1	13°R11	14°37	2°13	18°50
T 9	13 43 32	27°39'38	17°51	4° 2	11°33	20°50	17°41	16°11	28°12	10°28	20° 2	13° 5	14°34	2°19	18°48
F 10	13 47 28	28°37'55	1°12	6° 9	12°30	20°36	17°50	16°15	28°14	10°29	20° 2	12°57	14°31	2°26	18°46
S 11	13 51 25	29°36'11	14°19	8°16	13°28	20°23	17°59	16°18	28°16	10°30	20° 3	12°50	14°28	2°33	18°45
S 12	13 55 21	0°34'25	27°12	10°21	14°26	20° 8	18° 7	16°22	28°18	10°30	20° 4	12°43	14°25	2°39	18°43
M13	13 59 18	1°32'36	9°11'58	12°24	15°24	19°53	18°16	16°25	28°20	10°31	20° 5	12°37	14°22	2°46	18°40
T 14	14 3 15	2°30'47	2°15	14°25	16°23	19°37	18°24	16°29	28°22	10°33	20° 6	12°33	14°18	2°53	18°38
W15	14 7 11	3°28'55	4°26	16°25	17°22	19°21	18°32	16°33	28°24	10°34	20° 7	12°31	14°15	2°59	18°36
T 16	14 11 8	4°27'02	16°26	18°22	18°22	19° 4	18°40	16°37	28°25	10°35	20° 9	12°D31	14°12	3° 6	18°34
F 17	14 15 4	5°25'08	28°18	20°16	19°22	18°46	18°48	16°41	28°27	10°36	20°10	12°32	14° 9	3°13	18°31
S 18	14 19 1	6°23'12	10°37	22° 8	20°22	18°28	18°56	16°45	28°29	10°37	20°11	12°34	14° 6	3°19	18°29
S 19	14 22 57	7°21'15	21°57	23°56	21°22	18°10	19° 4	16°49	28°31	10°38	20°12	12°35	14° 2	3°26	18°26
M20	14 26 54	8°19'16	3°52	25°41	22°23	17°50	19°11	16°54	28°32	10°39	20°13	12°R36	13°59	3°33	18°24
T 21	14 30 50	9°17'15	15°58	27°23	23°25	17°31	19°18	16°58	28°34	10°41	20°14	12°36	13°56	3°39	18°21
W22	14 34 47	10°15'14	28°20	29° 2	24°26	17°11	19°26	17° 3	28°36	10°42	20°15	12°35	13°53	3°46	18°19
T 23	14 38 44	11°13'11	11°11	0°II37	25°28	16°51	19°33	17° 7	28°37	10°43	20°16	12°32	13°50	3°53	18°16
F 24	14 42 40	12°11'06	24° 5	2° 8	26°30	16°30	19°40	17°12	28°39	10°44	20°17	12°28	13°47	3°59	18°13
S 25	14 46 37	13° 9'01	7°34	3°36	27°32	16°10	19°46	17°16	28°40	10°46	20°19	12°24	13°43	4° 6	18°10
S 26	14 50 33	14° 6'54	21°27	5° 0	28°35	15°49	19°53	17°21	28°42	10°47	20°20	12°19	13°40	4°13	18° 7
M27	14 54 30	15° 4'45	5°41	6°20	29°38	15°27	19°59	17°26	28°43	10°49	20°21	12°16	13°37	4°19	18° 4
T 28	14 58 26	16° 2'35	20°13	7°36	0°Y41	15° 6	20° 6	17°31	28°44	10°50	20°22	12°13	13°34	4°26	18° 1
W29	15 2 23	17° 0'24	4°II55	8°49	1°44	14°45	20°12	17°36	28°46	10°51	20°23	12°12	13°31	4°32	17°58
T 30	15 6 19	17°58'12	19°II41	9°II57	2°Y48	14°M23	20°18	17°34	28°47	10°53	20°II25	12°D12	13°R28	4°39	17°54

Day	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7n48	20n44	1n33	5n50	0s57	9s 0	1n 4	17s21	1n 3	16s35	0s39	22n44	0n10	12s55	0s43
T 2	8 10 22	19 0 18	6 46	0 48	8 48	0 56	17 21	1 1 16	32 0 39	22 44	0 10	12 54	0 43	22 24	0 43
F 3	8 32 22	24 0s59	7 43	0 39	8 35	0 49	17 21	0 59	16 30	0 40	22 44	0 10	12 54	0 43	22 24
S 4	8 54 21	3 2 12	8 40	0 29	8 21	0 42	17 21	0 57	16 27	0 40	22 43	0 10	12 53	0 43	22 24
S 5	9 15 18	22 3 16	9 36	0 18	8 7	0 35	17 20	0 55	16 24	0 40	22 43	0 10	12 52	0 43	22 24
M 6	9 37 14	39 4 8	10 32	0 8	7 53	0 28	17 19	0 53	16 21	0 40	22 43	0 10	12 51	0 43	22 24
T 7	9 58 10	10 4 45	11 28	0n 3	7 38	0 22	17 18	0 51	16 19	0 40	22 43	0 10	12 51	0 43	22 24
W 8	10 19 5	14 5 5	12 23	0 13	7 23	0 15	17 17	0 49	16 16	0 41	22 42	0 10	12 50	0 43	22 24
T 9	10 40 0	6 5 7	13 17	0 24	7 7	0 9	17 16	0 46	16 14	0 41	22 42	0 10	12 49	0 43	22 24
F 10	11 1 4	5s7	4 53	14 10	0 35	6 51	0 3	17 15	0 44	16 11	0 41	22 42	0 10	12 48	0 44
S 11	11 22 9	4 2 3	15 1	0 46	6 34	0s 3	17 14	0 42	16 9	0 41	22 41	0 10	12 48	0 44	22 24
S 12	11 43 13	56 3 41	15 51	0 56	6 17	0 9	17 12	0 39	16 6	0 41	22 41	0 10	12 47	0 44	22 24
M13	12 3 17	28 2 48	16 40	1 6	6 0	0 15	17 10	0 37	16 4	0 42	22 40	0 10	12 46	0 44	22 24
T 14	12 23 20	8 1 48	17 26	1 16	5 42	0 20	17 8	0 35	16 1	0 42	22 40	0 11	12 46	0 44	22 23
W15	12 43 21	49 0 44	18 10	1 26	5 24	0 26	17 6	0 32	15 59	0 42	22 40	0 11	12 45	0 44	22 23
T 16	13 3 22	28 0n21	18 52	1 35	5 6	0 31	17 4	0 30	15 57	0 42	22 39	0 11	12 45	0 44	22 23
F 17	13 22 22	5 1 25	19 32	1 43	4 47	0 36	17 2	0 27	15 55	0 43	22 39	0 11	12 44	0 44	22 23
S 18	13 41 20	43 2 25	20 9	1 51	4 28	0 41	16 59	0 24	15 52	0 43	22 38	0 11	12 43	0 44	22 23
S 19	14 1 18	27 3 19	20 44	1 58	4 8	0 46	16 57	0 22	15 50	0 43	22 38	0 11	12 43	0 44	22 23
M20	14 19 15	23 4 4	21 16	2 5	3 49	0 51	16 54	0 19	15 48	0 43	22 38	0 11	12 42	0 44	22 23
T 21	14 38 11	38 4 40	21 45	2 11	3 29	0 56	16 51	0 16	15 46	0 43	22 37	0 11	12 42	0 44	22 23
W22	14 56 7	21 5 3	22 13	2 16	3 8	1 0	16 48	0 13	15 44	0 44	22 37	0 11	12 41	0 44	22 23
T 23	15 15 2	38 5 13	22 37	2 20	2 48	1 4	16 45	0 11	15 42	0 44	22 36	0 11	12 41	0 44	22 23
F 24	15 32 2n20	5 7 23	0 2 23	2 27	1 9	16 42	0 8	15 40	0 44	22 36	0 11	12 40	0 44	22 23	
S 25	15 50 7	21 4 44	23 20	2 26	2 6	1 13	16 39	0 5	15 38	0 44	22 35	0 11	12 40	0 44	22 23
S 26	16 7 12	9 4 3	23 37	2 28	1 44	1 17	16 35	0 2	15 36	0 45	22 34	0 11	12 39	0 44	22 23
M27	16 25 16	24 3 7	23 52	2 29	1 23	1 21	16 32	0s 1	15 34	0 45	22 34	0 12	12 39	0 44	22 23
T 28	16 41 19	45 1 58	24 5	2 28	1 1	1 24	16 29	0 4	15 33	0 45	22 33	0 12	12 38	0 44	22 22
W29	16 58 21	50 0 40	24 16	2 27	0 39	1 28	16 25	0 7	15 31	0 45	22 33	0 12	12 38	0 44	22 22
T 30	17n14	22n26	0s41	24n25	2n26	0s17	1s31	16s22	0s10	15s29	0s46	22n32	0n12	12s37	0s44

Julian Day Number = 2238342.5, Delta T = 295.22 sec

Ecliptic obliquity = 23°30'52", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 16°35'49", Lahiri = 15°42'49" Julian Calendar 1 Apr. 1416 == Greg. Calendar 10 Apr. 1416

SWISS EPHEMERIS for the year 1416

MAY 1416 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	15 10 16	18 ⁰⁵ 55'57	4 ⁰² 24	11 ^{II} 1	3 ^{VI} 51	14 ^R 2	20 ^{XX} 24	17 ⁰⁵ 46	28 ^{XX} 48	10 ⁰⁵ 54	20 ^{II} 26	12 ^{XX} 13	13 ^{XX} 24	4 ⁰³ 46	17 ^R 51	
S 2	15 14 13	19 ⁰⁵ 34'42	18 ⁰⁵ 58	12° 2	4°55	13 ^{III} 40	20°29	17°52	28°49	10°56	20°27	12°14	13°21	4°52	17 ^{XX} 48	
S 3	15 18 9	20°51'24	3 ⁰² 20	12°58	5°59	13°19	20°35	17°57	28°50	10°58	20°28	12°15	13°18	4°59	17°44	
M 4	15 22 6	21°49'05	17°25	13°50	7° 4	12°58	20°40	18° 2	28°52	10°59	20°30	12°R16	13°15	5° 6	17°41	
T 5	15 26 2	22°46'44	11 ⁰² 14	14°37	8° 8	12°37	20°45	18° 8	28°53	11° 1	20°31	12°16	13°12	5°12	17°37	
W 6	15 29 59	23°44'21	14°46	15°21	9°13	12°16	20°50	18°13	28°53	11° 2	20°32	12°15	13° 8	5°19	17°34	
T 7	15 33 55	24°41'57	28° 2	15°59	10°18	11°56	20°55	18°19	28°54	11° 4	20°34	12°13	13° 5	5°26	17°30	
F 8	15 37 52	25°39'32	11 ⁰¹ 19	16°34	11°23	11°35	21° 0	18°25	28°55	11° 6	20°35	12°11	13° 2	5°32	17°27	
S 9	15 41 48	26°37'05	23°48	17° 3	12°28	11°16	21° 4	18°30	28°56	11° 7	20°36	12° 9	12°59	5°39	17°23	
S 10	15 45 45	27°34'37	6 ⁰¹ 21	17°28	13°34	10°56	21° 9	18°36	28°57	11° 9	20°38	12° 7	12°56	5°46	17°19	
M11	15 49 42	28°32'07	18°42	17°49	14°39	10°38	21°13	18°42	28°58	11°11	20°39	12° 5	12°53	5°52	17°16	
T 12	15 53 38	29°29'37	0 ⁰⁷ 52	18° 5	15°45	10°19	21°17	18°48	28°58	11°12	20°40	12° 4	12°49	5°59	17°12	
W13	15 57 35	0 ^{II} 27'05	12°53	18°16	16°51	10° 1	21°20	18°54	28°59	11°14	20°42	12°D 4	12°46	6° 6	17° 8	
T 14	16 1 31	1°24'32	24°48	18°22	17°57	9°44	21°24	19° 0	28°59	11°16	20°43	12° 4	12°43	6°12	17° 4	
F 15	16 5 28	2°21'59	6 ⁰³ 38	18 ^R 24	19° 3	9°27	21°27	19° 6	29° 0	11°18	20°44	12° 5	12°40	6°19	17° 0	
S 16	16 9 24	3°19'24	18°26	18°21	20°10	9°11	21°31	19°12	29° 1	11°20	20°46	12° 6	12°37	6°26	16°56	
S 17	16 13 21	4°16'49	0 ⁰⁸ 17	18°14	21°16	8°55	21°34	19°18	29° 1	11°21	20°47	12° 7	12°34	6°32	16°53	
M18	16 17 17	5°14'13	12°13	18° 3	22°23	8°40	21°37	19°25	29° 1	11°23	20°48	12° 7	12°30	6°39	16°49	
T 19	16 21 14	6°11'37	24°19	17°47	23°30	8°26	21°39	19°31	29° 2	11°25	20°50	12° 8	12°27	6°46	16°45	
W20	16 25 11	7° 8'59	6 ⁰⁴ 39	17°28	24°36	8°13	21°42	19°37	29° 2	11°27	20°51	12°R 8	12°24	6°52	16°41	
T 21	16 29 7	8° 6'21	19°17	17° 6	25°44	8° 0	21°44	19°44	29° 2	11°29	20°53	12° 8	12°21	6°59	16°37	
F 22	16 33 4	9° 3'43	2 ⁰⁷ 18	16°40	26°51	7°48	21°46	19°50	29° 2	11°31	20°54	12° 8	12°18	7° 6	16°33	
S 23	16 37 0	10° 1'04	15°44	16°12	27°58	7°36	21°48	19°57	29° 3	11°33	20°55	12° 7	12°14	7°12	16°29	
S 24	16 40 57	10°58'24	29°36	15°41	29° 5	7°26	21°50	20° 3	29° 3	11°35	20°57	12° 7	12°11	7°19	16°24	
M25	16 44 43	11°55'44	13 ⁰⁵ 54	15° 9	0 ⁰⁸ 13	7°16	21°52	20°10	29°R 3	11°37	20°58	12°D 7	12° 8	7°26	16°20	
T 26	16 48 50	12°53'04	28°34	14°36	1°21	7° 7	21°53	20°17	29° 3	11°39	21° 0	12° 7	12° 5	7°32	16°16	
W27	16 52 46	13°50'23	13 ⁰⁶ 30	14° 2	2°28	6°59	21°54	20°24	29° 3	11°41	21° 1	12°R 7	12° 2	7°39	16°12	
T 28	16 56 43	14°47'41	28°34	13°29	3°36	6°52	21°55	20°30	29° 3	11°43	21° 3	12° 7	11°59	7°46	16° 8	
F 29	17 0 40	15°44'59	13 ⁰⁷ 38	12°56	4°44	6°45	21°56	20°37	29° 2	11°45	21° 4	12° 7	11°55	7°52	16° 4	
S 30	17 4 36	16°42'15	28°33	12°24	5°52	6°40	21°57	20°44	29° 2	11°47	21° 6	12° 6	11°52	7°59	16° 0	
S 31	17 8 33	17 ⁰⁷ 39'32	13 ⁰⁸ 12	11 ⁰⁸ 53	7 ⁰⁶ 1	6 ⁰⁷ 35	21 ⁰⁸ 57	20 ⁰⁹ 51	29 ⁰⁸ 2	11 ⁰⁹ 49	21 ¹⁰ 7	12 ¹¹ 6	11 ¹² 49	8 ⁰⁷ 6	15 ¹³ 56	

Day	☉			☽			♀		♂		♂		♂		♂		♂		♂					
	decl	decl	lat	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	17n30	21n27	1s59	24n31	2n23	0n 6	1s34	16s18	0s13	15s28	0s46	22n32	0n12	12s37	0s44	22n22	0s42	16n53	6s18	22s20	22s29	21s33	17s12	5n47
S 2	17 46 19	3 9 24	3 9	24 36	2 19	0 28	1 38	16 14	0 16	15 26	0 46	22 32	0 12	12 37	0 44	22 22	0 42	16 54	6 17	22 20	22 28	21 32	17 11	5 48
S 3	18 2 15	29 4 6	24 39	2 14	0 51	1 41	16 11	0 19	15 24	0 46	22 30	0 12	12 36	0 44	22 22	0 42	16 54	6 17	22 20	22 28	21 31	17 10	5 48	
M 4	18 17 11	6 4 47	24 40	2 9	1 14	1 44	16 7	0 22	15 23	0 47	22 30	0 12	12 36	0 44	22 22	0 42	16 54	6 17	22 20	22 28	21 30	17 9	5 48	
T 5	18 31 6	14 5 10	24 39	2 2	1 37	1 46	16 4	0 25	15 22	0 47	22 29	0 12	12 36	0 44	22 22	0 42	16 54	6 17	22 20	22 27	21 29	17 9	5 49	
W 6	18 46 1 10	5 15 24	36 1 54	2 0	1 49	16 0	0 27	15 20	0 47	22 28	0 12	12 35	0 44	22 22	0 42	16 54	6 17	22 20	22 27	21 28	17 8	5 49		
T 7	19 0 3s52	5 4 24	32 1 46	2 23	1 51	15 57	0 30	15 19	0 47	22 28	0 12	12 35	0 45	22 22	0 42	16 55	6 17	22 20	22 26	21 27	17 7	5 50		
F 8	19 14 8 37	4 37 24	26 1 37	2 46	1 54	15 53	0 33	15 18	0 48	22 27	0 12	12 35	0 45	22 21	0 42	16 55	6 17	22 19	22 26	21 26	17 7	5 50		
S 9	19 28 12 55	3 56 24	19 1 26	3 10	1 56	15 50	0 36	15 16	0 48	22 26	0 12	12 35	0 45	22 21	0 42	16 55	6 17	22 19	22 26	21 24	17 6	5 50		
S 10	19 41 16 35	3 5 24	10 1 15	3 33	1 58	15 46	0 39	15 15	0 48	22 25	0 13	12 34	0 45	22 21	0 42	16 55	6 17	22 19	22 25	21 23	17 5	5 51		
M11	19 54 19 27	2 6 24	0 1 3	3 57	2 0	15 43	0 42	15 14	0 48	22 25	0 13	12 34	0 45	22 21	0 42	16 55	6 16	22 19	22 25	21 22	17 5	5 51		
T 12	20 6 21	24 1 2	23 49	0 50	4 40	2 2	15 40	0 45	15 13	0 49	22 24	0 13	12 34	0 45	22 21	0 42	16 56	6 16	22 19	22 24	21 21	17 4	5 51	
W13	20 19 22	20 0n 5	23 36	0 36	4 22	2 4	15 37	0 48	15 12	0 49	22 23	0 13	12 34	0 45	22 21	0 41	16 56	6 16	22 18	22 24	21 20	17 3	5 52	
T 14	20 30 22 15	1 10 23	22 0 22	5 8	2 5	15 34	0 50	15 11	0 49	22 22	0 13	12 34	0 45	22 21	0 41	16 56	6 16	22 19	22 24	21 19	17 3	5 52		
F 15	20 42 21 9	2 12 23	7 0 7	5 32	2 7	15 31	0 53	15 10	0 49	22 22	0 13	12 33	0 45	22 21	0 41	16 56	6 16	22 19	22 23	21 18	17 2	5 52		
S 16	20 53 19 8	3 9 22	51 0s 9	5 55	2 8	15 29	0 56	15 10	0 50	22 21	0 13	12 33	0 45	22 21	0 41	16 56	6 16	22 19	22 23	21 17	17 1	5 53		
S 17	21 4 16 18	3 57 22	34 0 25	6 19	2 10	15 26	0 58	15 9	0 50	22 20	0 13	12 33	0 45	22 20	0 41	16 57	6 16	22 19	22 22	21 16	17 1	5 53		
M18	21 14 12 47	4 36 22	17 0 42	6 43	2 11	15 24	1 1	15 8	0 50	22 19	0 13	12 33	0 45	22 20	0 41	16 57	6 16	22 19	22 22	21 14	17 0	5 53		
T 19	21 25 8 42	5 2 21	58 0 59	7 7	2 12	15 22	1 4	15 8	0 50	22 18	0 13	12 33	0 45	22 20	0 41	16 57	6 16	22 19	22 22	21 13	16 59	5 53		
W20	21 34 4 12	5 16 21	39 1 16	7 30	2 13	15 20	1 6	15 7	0 51	22 18	0 13	12 33	0 45	22 20	0 41	16 57	6 16	22 19	22 21	21 12	16 59	5 54		
T 21	21 44 0n35	5 15 21	20 1 33	7 54	2 14	15 18	1 9	15 7	0 51	22 17	0 13	12 33	0 45	22 20	0 41	16 57	6 16	22 19	22 21	21 11	16 58	5 54		
F 22	21 53 5 29	4 58 21	1 1 51	8 18	2 14	15 16	1 11	15 6	0 51	22 16	0 13	12 33	0 45	22 20	0 41	16 57	6 15	22 19	22 20	21 10	16 58	5 54		
S 23	22 1 10 17	4 25 20	41 2 7	8 41	2 15	15 15	1 13	15 6	0 52	22 15	0 13	12 33	0 45	22 20	0 41	16 58	6 15	22 19	22 20	21 9	16 57	5 54		
S 24	22 10 14 43	3 35 20	21 2 24	9 5	2 15	15 14	1 16	15 5	0 52	22 14	0 14	12 33	0 45	22 19	0 41	16 58	6 15	22 19	22 19	21 7	16 56	5 55		
M25	22 17 18 27	2 31 20	2 2 40	9 28	2 16	15 13	1 18	15 5	0 52	22 13	0 14	12 33	0 45	22 19	0 41	16 58	6 15	22 19	22 19	21 6	16 56	5 55		
T 26	22 25 21 7	1 15 19	43 2 55	9 51	2 16	15 12	1 20	15 5	0 52	22 12	0 14	12 33	0 45	22 19	0 41	16 58	6 15	22 19	22 19	21 5	16 55	5 55		
W27	22 32 22 22	0s 8	19 25 3 9	10 14	2 16	15 11	1 23	15 5	0 53	22 11	0 14	12 33	0 45	22 19	0 41	16 58	6 15	22 19	22 18					

SWISS EPHEMERIS for the year 1416

JUNE 1416 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♁	♆	♅	♄	♃	♁	♂	♆
M 1	17 12 29	18II36'47	27Ω30	11°R25	8♂ 9	6°R31	21♂57	20♄58	29°R 2	11♄51	21II 8	12°R 5	11♂46	8♂12	15°R52	
T 2	17 16 26	19°34'01	11η24	11II 0	9°17	6♂L28	21°R57	21° 5	29♂ 1	11°53	21°10	12°R 5	11°43	8°19	15♂48	
W 3	17 20 22	20°31'15	24°55	10°38	10°26	6°26	21°57	21°12	29° 1	11°55	21°11	12°D 5	11°39	8°26	15°44	
T 4	17 24 19	21°28'28	8♄ 3	10°19	11°34	6°24	21°57	21°19	29° 1	11°57	21°13	12° 5	11°36	8°32	15°40	
F 5	17 28 15	22°25'40	20°52	10° 4	12°43	6°D24	21°56	21°26	29° 0	12° 0	21°14	12° 6	11°33	8°39	15°36	
S 6	17 32 12	23°22'52	3♂L24	9°54	13°52	6°24	21°55	21°33	28°59	12° 2	21°16	12° 7	11°30	8°46	15°32	
S 7	17 36 9	24°20'03	15°41	9°47	15° 0	6°25	21°55	21°40	28°59	12° 4	21°17	12° 8	11°27	8°52	15°28	
M 8	17 40 5	25°17'14	27°48	9°D45	16° 9	6°27	21°53	21°48	28°58	12° 6	21°18	12° 9	11°24	8°59	15°24	
T 9	17 44 2	26°14'24	9♂47	9°48	17°18	6°30	21°52	21°55	28°58	12° 8	21°20	12°R 9	11°20	9° 5	15°20	
W10	17 47 58	27°11'34	21°40	9°56	18°27	6°33	21°51	22° 2	28°57	12°10	21°21	12° 9	11°17	9°12	15°16	
T 11	17 51 55	28° 8'44	3♄30	10° 8	19°37	6°37	21°49	22°10	28°56	12°12	21°23	12° 8	11°14	9°19	15°12	
F 12	17 55 51	29° 5'54	15°19	10°26	20°46	6°42	21°47	22°17	28°55	12°15	21°24	12° 6	11°11	9°25	15° 8	
S 13	17 59 48	0♄ 3'03	27° 9	10°48	21°55	6°48	21°45	22°24	28°55	12°17	21°26	12° 4	11° 8	9°32	15° 4	
S 14	18 3 44	1° 0'13	9♂ 3	11°15	23° 5	6°55	21°43	22°32	28°54	12°19	21°27	12° 1	11° 5	9°39	15° 0	
M15	18 7 41	1°57'23	21° 2	11°46	24°14	7° 2	21°40	22°39	28°53	12°21	21°28	11°58	11° 1	9°45	14°57	
T 16	18 11 38	2°54'33	3♂11	12°23	25°24	7°10	21°38	22°47	28°52	12°23	21°30	11°55	10°58	9°52	14°53	
W17	18 15 34	3°51'43	15°32	13° 4	26°33	7°19	21°35	22°54	28°51	12°26	21°31	11°53	10°55	9°59	14°49	
T 18	18 19 31	4°48'53	28° 9	13°51	27°43	7°28	21°32	23° 2	28°50	12°28	21°33	11°52	10°52	10° 5	14°46	
F 19	18 23 27	5°46'04	11♂ 5	14°41	28°53	7°38	21°29	23° 9	28°49	12°30	21°34	11°D52	10°49	10°12	14°42	
S 20	18 27 24	6°43'15	24°24	15°37	0II 3	7°49	21°25	23°17	28°47	12°32	21°36	11°53	10°45	10°19	14°38	
S 21	18 31 20	7°40'27	8♂ 9	16°36	1°13	8° 1	21°22	23°24	28°46	12°34	21°37	11°55	10°42	10°25	14°35	
M22	18 35 17	8°37'39	22°19	17°41	2°23	8°13	21°18	23°32	28°45	12°37	21°38	11°56	10°39	10°32	14°31	
T 23	18 39 13	9°34'51	6II54	18°49	3°33	8°26	21°14	23°39	28°44	12°39	21°40	11°R57	10°36	10°39	14°28	
W24	18 43 10	10°32'04	21°49	20° 3	4°43	8°40	21°10	23°47	28°42	12°41	21°41	11°57	10°33	10°45	14°24	
T 25	18 47 7	11°29'18	6♄58	21°20	5°53	8°54	21° 6	23°55	28°41	12°43	21°42	11°55	10°30	10°52	14°21	
F 26	18 51 3	12°26'31	22°11	22°42	7° 4	9° 9	21° 1	24° 2	28°40	12°46	21°44	11°52	10°26	10°59	14°18	
S 27	18 55 0	13°23'45	7♂19	24° 7	8°14	9°24	20°57	24°10	28°38	12°48	21°45	11°48	10°23	11° 5	14°14	
S 28	18 58 56	14°20'59	22°12	25°37	9°25	9°40	20°52	24°18	28°37	12°50	21°47	11°43	10°20	11°12	14°11	
M29	19 2 53	15°18'13	6η43	27°11	10°35	9°57	20°47	24°25	28°35	12°52	21°48	11°39	10°17	11°19	14° 8	
T 30	19 6 49	16♄15'28	20η47	28II48	11II46	10III14	20♂42	24♄33	28♂34	12♄54	21II49	11♂36	10♂14	11♄25	14♂ 5	

Day	☉	☽	♀	♁	♂	♄	♃	♁	♆	♅	♄	♃	♁	♂	♆									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23n 1	7n34	5s 7	18n11	4s 5	12n 8	2s16	15s12	1s33	15s 5	0s54	22n 6	0n14	12s34	0s45	22n18	0s41	16n59	6s15	22s19	22s16	20s58	16s52	5n56
T 2	23 6	2 25	5 17	18 0	4 12	12 30	2 15	15 12	1 35	15 5	0 54	22 5	0 14	12 34	0 46	22 18	0 41	16 59	6 15	22 19	22 16	20 57	16 51	5 56
W 3	23 10	2s42	5 10	17 52	4 18	12 52	2 15	15 14	1 37	15 6	0 55	22 4	0 14	12 34	0 46	22 18	0 41	16 59	6 15	22 19	22 15	20 56	16 51	5 56
T 4	23 14	7 34	4 46	17 45	4 22	13 13	2 14	15 15	1 39	15 6	0 55	22 3	0 14	12 34	0 46	22 18	0 41	16 59	6 15	22 19	22 15	20 54	16 50	5 56
F 5	23 18	12 0	4 8	17 40	4 25	13 35	2 13	15 16	1 40	15 7	0 55	22 2	0 14	12 34	0 46	22 17	0 41	17 0	6 15	22 19	22 14	20 53	16 50	5 56
S 6	23 21	15 48	3 19	17 37	4 26	13 56	2 13	15 18	1 42	15 7	0 55	22 1	0 15	12 34	0 46	22 17	0 41	17 0	6 15	22 19	22 14	20 52	16 49	5 56
S 7	23 24	18 51	2 22	17 36	4 26	14 17	2 12	15 20	1 44	15 8	0 56	22 0	0 15	12 35	0 46	22 17	0 41	17 0	6 15	22 19	22 13	20 51	16 49	5 56
M 8	23 26	21 1	1 19	17 36	4 25	14 38	2 11	15 22	1 45	15 8	0 56	21 59	0 15	12 35	0 46	22 17	0 41	17 0	6 14	22 19	22 13	20 50	16 48	5 56
T 9	23 28	22 12	0 13	17 39	4 23	14 59	2 10	15 24	1 47	15 9	0 56	21 58	0 15	12 35	0 46	22 17	0 41	17 0	6 14	22 19	22 13	20 48	16 48	5 56
W10	23 29	22 23	0n52	17 44	4 20	15 19	2 9	15 27	1 48	15 10	0 56	21 57	0 15	12 35	0 46	22 17	0 41	17 0	6 14	22 19	22 12	20 47	16 48	5 56
T 11	23 30	21 33	1 55	17 50	4 15	15 39	2 7	15 30	1 50	15 10	0 57	21 56	0 15	12 36	0 46	22 16	0 41	17 0	6 14	22 19	22 12	20 46	16 47	5 56
F 12	23 31	19 46	2 53	17 58	4 9	15 58	2 6	15 33	1 51	15 11	0 57	21 55	0 15	12 36	0 46	22 16	0 41	17 0	6 14	22 19	22 11	20 45	16 47	5 56
S 13	23 31	17 8	3 44	18 8	4 3	16 18	2 5	15 36	1 53	15 12	0 57	21 54	0 15	12 36	0 46	22 16	0 41	17 1	6 14	22 18	22 11	20 43	16 46	5 56
S 14	23 31	13 48	4 25	18 19	3 55	16 37	2 3	15 40	1 54	15 13	0 58	21 52	0 15	12 37	0 46	22 16	0 41	17 1	6 14	22 18	22 10	20 42	16 46	5 56
M15	23 30	9 53	4 54	18 31	3 47	16 55	2 2	15 43	1 55	15 14	0 58	21 51	0 15	12 37	0 46	22 16	0 41	17 1	6 14	22 18	22 10	20 41	16 46	5 56
T 16	23 29	5 32	5 11	18 45	3 38	17 14	2 0	15 47	1 57	15 15	0 58	21 50	0 15	12 38	0 46	22 15	0 41	17 1	6 14	22 17	22 10	20 40	16 45	5 56
W17	23 27	0 53	5 14	18 59	3 28	17 31	1 59	15 51	1 58	15 17	0 58	21 49	0 15	12 38	0 46	22 15	0 41	17 1	6 14	22 17	22 9	20 38	16 45	5 56
T 18	23 26	3n53	5 2	19 15	3 18	17 49	1 57	15 55	1 59	15 18	0 59	21 48	0 15	12 38	0 46	22 15	0 41	17 1	6 14	22 17	22 9	20 37	16 44	5 56
F 19	23 23	8 37	4 35	19 32	3 7	18 6	1 55	16 0	2 0	15 19	0 59	21 47	0 16	12 39	0 46	22 15	0 41	17 1	6 14	22 17	22 8	20 36	16 44	5 56
S 20	23 21	13 5	3 52	19 49	2 56	18 23	1 53	16 5	2 2	15 20	0 59	21 45	0 16	12 39	0 46	22 15	0 41	17 1	6 14	22 17	22 8	20 35	16 44	5 56
S 21	23 17	17 2	2 55	20 7	2 44	18 39	1 51	16 9	2 3	15 22	0 59	21 44	0 16	12 40	0 46	22 14	0 41	17 1	6 14	22 17	22 7	20 33	16 44	5 56
M22	23 14	20 7	1 46	20 25	2 32	18 55	1 49	16 14	2 4	15 23	1 0	21 43	0 16	12 40	0 46	22 14	0 41	17 2	6 14	22 17	22 7	20 32	16 43	5 56
T 23	23 10	21 59	0 28	20 44	2 19	19 10	1 47	16 20	2 5	15 25	1 0	21 42	0 16	12 41	0 46	22 14	0 41	17 2	6 14	22 18	22 6	20 31	16 43	5 56
W24	23 6	22 22	0s54	21 2	2 6	19 25	1 45	16 25	2 6	15 26	1 0	21 41	0 16	12 41	0 46	22 14	0 41	17 2	6 14	22 18	22 6	20 29	16 43	5 56
T 25	23 1 21	7 2	2 13	21 21	1 53	19 40	1 43	16 30	2 7	15 28	1 0	21 39	0 16	12 42	0 46	22 14	0 41	17 2	6 14	22 17	22 5	20 28	16 42	5 55
F 26	22 56	18 21	3 23	21 39	1 40	19 54	1 41	16 36	2 8	15 30	1 1	21 38	0 16	12 42	0 46	22 13	0 41	17 2	6 14	22 17	22 5	20 27	16 42	5 55
S 27	22 50	14 20	4 18	21 56	1 27	20 8	1 38	16 42	2 9	15 31	1 1	21 37	0 16	12 43	0 46	22 13	0 41	17 2	6 14	22 16	22 5	20 26	16 42	5 55
S 28	22 44	9 30	4 55	22 13	1 13	20 21	1 36	16 48	2 9	15 33	1 1	21 35	0 16	12 43	0 46	22 13	0 41	17 2	6 14	22 16	22 4	20 24	16 42	5 55
M29	22 38	4 15	5 11	22 29	1 0	20 33																		

SWISS EPHEMERIS for the year 1416

JULY 1416 JC

00:00 UT

Main ephemeris table with 16 columns: Day, Sid.t, and 14 zodiac signs (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓, ♈, ♉). Rows include days of the month from W 1 to F 31.

Detailed ephemeris table with 16 columns: Day, and 14 zodiac signs (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓, ♈, ♉). Each zodiac sign is subdivided into decl and lat. Rows include days of the month from W 1 to F 31.

Julian Day Number = 2238433.5, Delta T = 294.92 sec

Ecliptic obliquity = 23°30'51", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 16°36'02", Lahiri = 15°43'02" Julian Calendar 1 July 1416 == Greg. Calendar 10 July 1416

SWISS EPHEMERIS for the year 1416

AUGUST 1416 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♆	♁	♁	♁	♁	♁
S 1	21 12 59	16♎53'30	21♋31	1♉14	19♁58	23♋39	17°R 1	28♁40	27°R29	14♁ 2	22♎26	9°D43	8♌32	14♁59	13°R 4
S 2	21 16 56	17°51'15	3♊39	2°57	21°10	24°10	16♁53	28°47	27♁27	14° 4	22°27	9°R44	8°29	15° 6	13♎ 3
M 3	21 20 52	18°49'00	15°35	4°39	22°23	24°42	16°45	28°55	27°24	14° 6	22°28	9♎44	8°26	15°12	13° 3
T 4	21 24 49	19°46'47	27°25	6°20	23°35	25°14	16°37	29° 2	27°22	14° 8	22°29	9°42	8°23	15°19	13° 2
W 5	21 28 45	20°44'35	9♎13	8° 0	24°48	25°47	16°29	29°10	27°20	14°10	22°29	9°38	8°19	15°26	13° 2
T 6	21 32 42	21°42'24	21° 3	9°38	26° 1	26°19	16°21	29°17	27°17	14°12	22°30	9°32	8°16	15°32	13° 2
F 7	21 36 39	22°40'15	2♎58	11°14	27°14	26°52	16°14	29°24	27°15	14°14	22°31	9°23	8°13	15°39	13° 2
S 8	21 40 35	23°38'07	15° 0	12°49	28°27	27°25	16° 6	29°32	27°12	14°16	22°32	9°12	8°10	15°46	13°D 2
S 9	21 44 32	24°36'01	27°11	14°23	29°40	27°59	15°58	29°39	27°10	14°17	22°33	8°59	8° 7	15°52	13° 2
M10	21 48 28	25°33'56	9♎31	15°56	0♎53	28°33	15°51	29°46	27° 8	14°19	22°33	8°46	8° 3	15°59	13° 2
T 11	21 52 25	26°31'52	22° 2	17°27	2° 6	29° 6	15°43	29°54	27° 5	14°21	22°34	8°34	8° 0	16° 6	13° 2
W12	21 56 21	27°29'51	4♉43	18°57	3°19	29°41	15°35	0♎ 1	27° 3	14°23	22°35	8°23	7°57	16°12	13° 2
T 13	22 0 18	28°27'51	17°36	20°26	4°32	0♎15	15°28	0° 8	27° 0	14°24	22°36	8°15	7°54	16°19	13° 3
F 14	22 4 14	29°25'53	0♎41	21°53	5°45	0°50	15°20	0°15	26°58	14°26	22°36	8°10	7°51	16°26	13° 3
S 15	22 8 11	0♉23'57	13°59	23°19	6°59	1°25	15°13	0°22	26°56	14°28	22°37	8° 8	7°48	16°32	13° 4
S 16	22 12 7	1°22'03	27°33	24°43	8°12	2° 0	15° 6	0°29	26°53	14°29	22°38	8° 7	7°44	16°39	13° 5
M17	22 16 4	2°20'11	11♎24	26° 6	9°25	2°35	14°59	0°36	26°51	14°31	22°38	8° 7	7°41	16°46	13° 5
T 18	22 20 1	3°18'22	25°32	27°27	10°39	3°11	14°51	0°43	26°49	14°33	22°39	8° 6	7°38	16°52	13° 6
W19	22 23 57	4°16'34	9♁57	28°47	11°52	3°47	14°44	0°50	26°46	14°34	22°39	8° 4	7°35	16°59	13° 7
T 20	22 27 54	5°14'48	24°37	0♎ 6	13° 6	4°23	14°38	0°57	26°44	14°36	22°40	7°59	7°32	17° 6	13° 8
F 21	22 31 50	6°13'04	9♎25	1°23	14°19	5° 0	14°31	1° 4	26°41	14°37	22°40	7°51	7°29	17°12	13° 9
S 22	22 35 47	7°11'23	24°16	2°38	15°33	5°36	14°24	1°11	26°39	14°39	22°41	7°41	7°25	17°19	13°11
S 23	22 39 43	8° 9'43	8♉59	3°51	16°47	6°13	14°17	1°17	26°37	14°40	22°41	7°30	7°22	17°26	13°12
M24	22 43 40	9° 8'04	23°28	5° 3	18° 1	6°50	14°11	1°24	26°34	14°42	22°42	7°18	7°19	17°32	13°13
T 25	22 47 36	10° 6'28	7♁34	6°13	19°14	7°27	14° 5	1°31	26°32	14°43	22°42	7° 8	7°16	17°39	13°15
W26	22 51 33	11° 4'53	21°15	7°21	20°28	8° 4	13°58	1°38	26°30	14°45	22°43	6°59	7°13	17°46	13°16
T 27	22 55 30	12° 3'20	4♋30	8°27	21°42	8°42	13°52	1°44	26°28	14°46	22°43	6°54	7° 9	17°52	13°18
F 28	22 59 26	13° 1'49	17°19	9°30	22°56	9°20	13°46	1°51	26°25	14°47	22°44	6°51	7° 6	17°59	13°20
S 29	23 3 23	14° 0'19	29°45	10°32	24°10	9°58	13°41	1°57	26°23	14°49	22°44	6°50	7° 3	18° 6	13°22
S 30	23 7 19	14°58'52	11♎55	11°30	25°24	10°36	13°35	2° 3	26°21	14°50	22°44	6°50	7° 0	18°12	13°24
M31	23 11 16	15♉57'25	23♎52	12♎26	26♎38	11♎14	13♎29	2♎10	26♎19	14♎51	22♎45	6♎49	6♎57	18♎19	13♎26

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S 1	15n49	19s44	1s36	12n12	1n12	22n 0	0s 2	21s 4	2s24	16s52	1 s 8	20n48	0n19	13s 7	0s47	22n 6	0s41	17n 3	6s15	21s59	21s48	19s38	16s43	5n45	5s45	5s45	5s45	5s45	5s45
S 2	15 32	21 29	0 32	11 29	1 6	21 52	0n 1	21 12	2 24	16 54	1 8	20 47	0 19	13 8	0 47	22 6	0 41	17 3	6 15	21 59	21 47	19 36	16 44	5 45	5 45	5 45	5 45	5 45	5 45
M 3	15 14	22 13	0n31	10 46	1 0	21 43	0 4	21 20	2 24	16 57	1 8	20 46	0 20	13 9	0 47	22 6	0 41	17 3	6 16	21 59	21 47	19 35	16 44	5 45	5 45	5 45	5 45	5 45	5 45
T 4	14 56	21 57	1 33	10 3	0 54	21 33	0 7	21 28	2 24	16 59	1 8	20 44	0 20	13 10	0 47	22 5	0 41	17 3	6 16	21 58	21 46	19 33	16 44	5 44	5 44	5 44	5 44	5 44	5 44
W 5	14 37	20 42	2 30	9 20	0 47	21 23	0 9	21 36	2 24	17 2	1 8	20 43	0 20	13 11	0 47	22 5	0 41	17 3	6 16	21 58	21 46	19 32	16 45	5 44	5 44	5 44	5 44	5 44	5 44
T 6	14 19	18 33	3 21	8 37	0 41	21 13	0 12	21 44	2 24	17 4	1 8	20 41	0 20	13 11	0 47	22 5	0 41	17 3	6 16	21 57	21 45	19 30	16 45	5 44	5 44	5 44	5 44	5 44	5 44
F 7	14 0	15 37	4 3	7 53	0 33	21 1	0 15	21 51	2 24	17 6	1 8	20 40	0 20	13 12	0 47	22 5	0 41	17 3	6 16	21 56	21 45	19 29	16 45	5 43	5 43	5 43	5 43	5 43	5 43
S 8	13 41	12 0	4 35	7 10	0 26	20 49	0 18	21 59	2 24	17 9	1 8	20 38	0 20	13 13	0 47	22 5	0 41	17 3	6 16	21 54	21 44	19 27	16 46	5 43	5 43	5 43	5 43	5 43	5 43
S 9	13 22	7 52	4 55	6 27	0 19	20 37	0 20	22 7	2 24	17 11	1 8	20 37	0 20	13 14	0 47	22 4	0 41	17 3	6 16	21 52	21 44	19 26	16 46	5 42	5 42	5 42	5 42	5 42	5 42
M10	13 2	3 23	5 1	5 44	0 11	20 24	0 23	22 14	2 24	17 14	1 8	20 36	0 20	13 15	0 47	22 4	0 41	17 3	6 16	21 50	21 43	19 24	16 47	5 42	5 42	5 42	5 42	5 42	5 42
T 11	12 43	1n19	4 53	5 1	0 3	20 10	0 25	22 22	2 24	17 16	1 9	20 34	0 20	13 16	0 47	22 4	0 41	17 3	6 16	21 48	21 43	19 23	16 47	5 42	5 42	5 42	5 42	5 42	5 42
W12	12 23	6 1	4 30	4 19	0s 5	19 56	0 28	22 29	2 24	17 18	1 9	20 33	0 20	13 16	0 47	22 4	0 41	17 3	6 16	21 46	21 42	19 22	16 47	5 41	5 41	5 41	5 41	5 41	5 41
T 13	12 3	10 31	3 54	3 36	0 13	19 41	0 30	22 37	2 24	17 21	1 9	20 31	0 21	13 17	0 47	22 4	0 41	17 3	6 16	21 45	21 42	19 20	16 48	5 41	5 41	5 41	5 41	5 41	5 41
F 14	11 42	14 37	3 4	2 54	0 21	19 25	0 33	22 44	2 24	17 23	1 9	20 30	0 21	13 18	0 47	22 3	0 41	17 3	6 16	21 44	21 41	19 19	16 48	5 40	5 40	5 40	5 40	5 40	5 40
S 15	11 22	18 3	2 4	2 13	0 29	19 9	0 35	22 51	2 24	17 25	1 9	20 28	0 21	13 19	0 47	22 3	0 41	17 3	6 16	21 44	21 41	19 17	16 49	5 40	5 40	5 40	5 40	5 40	5 40
S 16	11 1	20 35	0 56	1 32	0 38	18 53	0 38	22 58	2 24	17 27	1 9	20 27	0 21	13 20	0 47	22 3	0 41	17 3	6 17	21 44	21 40	19 16	16 49	5 40	5 40	5 40	5 40	5 40	5 40
M17	10 40	21 56	0s17	0 51	0 46	18 36	0 40	23 5	2 23	17 29	1 9	20 26	0 21	13 20	0 47	22 3	0 41	17 2	6 17	21 44	21 40	19 14	16 50	5 39	5 39	5 39	5 39	5 39	5 39
T 18	10 19	21 56	1 31	0 11	0 55	18 18	0 42	23 12	2 23	17 32	1 9	20 24	0 21	13 21	0 47	22 3	0 41	17 2	6 17	21 44	21 39	19 13	16 50	5 39	5 39	5 39	5 39	5 39	5 39
W19	9 58	20 29	2 40	0s29	1 4	18 0	0 45	23 19	2 23	17 34	1 9	20 23	0 21	13 22	0 47	22 3	0 41	17 2	6 17	21 43	21 39	19 11	16 51	5 39	5 39	5 39	5 39	5 39	5 39
T 20	9 37	17 40	3 39	1 8	1 12	17 41	0 47	23 26	2 23	17 36	1 9	20 21	0 21	13 23	0 47	22 2	0 41	17 2	6 17	21 43	21 38	19 10	16 51	5 38	5 38	5 38	5 38	5 38	5 38
F 21	9 16	13 42	4 25	1 47	1 21	17 22	0 49	23 32	2 23	17 38	1 9	20 20	0 21	13 24	0 47	22 2	0 41	17 2	6 17	21 41	21 38	19 8	16 52	5 38	5 38	5 38	5 38	5 38	5 38
S 22	8 54	8 53	4 52	2 25	1 29	17 2	0 51	23 38	2 22	17 40	1 9	20 19	0 22	13 25	0 47	22 2	0 41	17 2	6 17	21 40	21 37	19 7	16 52	5 37	5 37	5 37	5 37	5 37	5 37
S 23	8 32	3 35	5 0	3 2	1 38	16 42	0 53	23 45	2 22	17 42	1 9	20 17	0 22	13 25	0 47	22 2	0 41	17 2	6 17	21 38	21 36	19 5	16 53	5 37	5 37	5 37	5 37	5 37	5 37
M24	8 10	1s49	4 49	3 39</																									

SWISS EPHEMERIS for the year 1416

SEPTEMBER 1416 JC

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T 1	23 15 12	16♁56'01	5♄42	13♂19	27♁52	11♂53	13°R24	2♁16	26°R16	14♁53	22♁45	6°R48	6♂54	18♂26	13♂28			
W 2	23 19 9	17°54'38	17°32	14° 9	29° 6	12°32	13♁19	2°22	26♁14	14°54	22°45	6♂45	6°50	18°33	13°30			
T 3	23 23 5	18°53'17	29°24	14°56	0♁20	13°10	13°14	2°29	26°12	14°55	22°45	6°39	6°47	18°39	13°32			
F 4	23 27 2	19°51'57	11♁24	15°39	1°34	13°49	13° 9	2°35	26°10	14°56	22°46	6°30	6°44	18°46	13°35			
S 5	23 30 59	20°50'40	23°34	16°19	2°49	14°29	13° 4	2°41	26° 8	14°57	22°46	6°19	6°41	18°53	13°37			
S 6	23 34 55	21°49'24	5♁56	16°54	4° 3	15° 8	13° 0	2°47	26° 6	14°58	22°46	6° 7	6°38	18°59	13°39			
M 7	23 38 52	22°48'10	18°31	17°24	5°17	15°48	12°55	2°53	26° 4	15° 0	22°46	5°54	6°34	19° 6	13°42			
T 8	23 42 48	23°46'58	1♀20	17°50	6°31	16°27	12°51	2°58	26° 2	15° 1	22°46	5°42	6°31	19°13	13°45			
W 9	23 46 45	24°45'49	14°21	18°10	7°46	17° 7	12°47	3° 4	26° 0	15° 2	22°47	5°32	6°28	19°19	13°47			
T 10	23 50 41	25°44'41	27°33	18°24	9° 0	17°47	12°43	3°10	25°58	15° 3	22°47	5°24	6°25	19°26	13°50			
F 11	23 54 38	26°43'36	10♂57	18°33	10°15	18°27	12°39	3°16	25°56	15° 4	22°47	5°19	6°22	19°33	13°53			
S 12	23 58 34	27°42'32	24°30	18°R35	11°29	19° 7	12°36	3°21	25°54	15° 4	22°47	5°17	6°19	19°39	13°56			
S 13	0 2 31	28°41'32	8♁13	18°30	12°44	19°48	12°33	3°27	25°52	15° 5	22°47	5°D16	6°15	19°46	13°59			
M14	0 6 28	29°40'33	22° 5	18°17	13°58	20°28	12°30	3°32	25°50	15° 6	22°R47	5°17	6°12	19°53	14° 2			
T 15	0 10 24	0♁39'37	6♁ 8	17°58	15°13	21° 9	12°27	3°38	25°48	15° 7	22°47	5°R17	6° 9	19°59	14° 6			
W16	0 14 21	1°38'44	20°20	17°30	16°28	21°50	12°24	3°43	25°46	15° 8	22°47	5°15	6° 6	20° 6	14° 9			
T 17	0 18 17	2°37'52	4♁40	16°55	17°42	22°31	12°21	3°48	25°44	15° 9	22°47	5°11	6° 3	20°13	14°12			
F 18	0 22 14	3°37'03	19° 4	16°11	18°57	23°12	12°19	3°53	25°43	15° 9	22°47	5° 5	6° 0	20°19	14°16			
S 19	0 26 10	4°36'16	3♁29	15°21	20°12	23°53	12°17	3°58	25°41	15°10	22°47	4°57	5°56	20°26	14°19			
S 20	0 30 7	5°35'32	17°48	14°24	21°26	24°34	12°15	4° 3	25°39	15°11	22°46	4°47	5°53	20°33	14°23			
M21	0 34 3	6°34'49	1♁55	13°21	22°41	25°16	12°13	4° 8	25°38	15°11	22°46	4°38	5°50	20°39	14°27			
T 22	0 38 0	7°34'09	15°46	12°13	23°56	25°58	12°11	4°13	25°36	15°12	22°46	4°29	5°47	20°46	14°30			
W23	0 41 56	8°33'31	29°16	11° 3	25°11	26°39	12°10	4°18	25°35	15°13	22°46	4°22	5°44	20°53	14°34			
T 24	0 45 53	9°32'54	12♁25	9°51	26°26	27°21	12° 9	4°23	25°33	15°13	22°46	4°17	5°40	20°59	14°38			
F 25	0 49 50	10°32'20	25°11	8°40	27°41	28° 3	12° 8	4°27	25°32	15°14	22°45	4°15	5°37	21° 6	14°42			
S 26	0 53 46	11°31'48	7♂37	7°31	28°56	28°45	12° 7	4°32	25°30	15°14	22°45	4°D14	5°34	21°13	14°46			
S 27	0 57 43	12°31'17	19°48	6°28	0♁11	29°27	12° 6	4°36	25°29	15°15	22°45	4°15	5°31	21°20	14°50			
M28	1 1 39	13°30'48	1♄46	5°31	1°25	0♁10	12° 6	4°41	25°27	15°15	22°45	4°17	5°28	21°26	14°55			
T 29	1 5 36	14°30'21	13°38	4°42	2°40	0°52	12°D 6	4°45	25°26	15°15	22°44	4°R17	5°25	21°33	14°59			
W30	1 9 32	15♁29'56	25♄28	4♁ 2	3♁55	1♄35	12♁ 6	4♁49	25♁25	15♁16	22♁44	4♂17	5♂21	21♄40	15♂ 3			

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
T 1	5n11	20s57	2n27	7s54	2s51	13n20	1n10	24s35	2s20	17s57	1s 9	20n 5	0n23	13s32	0s47	22n 0	0s41	17n 2	6s18	21s31	21s32	18s51	16s58	5n33												
W 2	4 48 19	5 3 18	8 20	2 59 12	56 1 11	24 40	2 19 17	58 1 9 20	4 0 23	13 33	0 47 22	0 0 41	17 1 6 18	21 30 21 31	18 50 16 59	5 33																				
T 3	4 25 16	25 4 1	8 45	3 5 12	31 1 13	24 45	2 19 18	0 1 9 20	2 0 23	13 34	0 47 22	0 0 41	17 1 6 18	21 29 21 31	18 48 16 59	5 33																				
F 4	4 2 13	2 4 33	9 8	3 12 12	6 1 14	24 49	2 19 18	1 1 9 20	1 0 23	13 34	0 47 22	0 0 41	17 1 6 18	21 28 21 30	18 47 17 0	5 32																				
S 5	3 38 9	5 4 54	9 29	3 18 11	41 1 15	24 54	2 18 18	2 1 9 20	0 0 23	13 35	0 47 22	0 0 41	17 1 6 18	21 26 21 30	18 45 17 1	5 32																				
S 6	3 15 4	2 5 1	9 47	3 24 11	15 1 17	24 58	2 18 18	4 1 8 19	59 0 23	13 36	0 47 22	0 0 41	17 1 6 18	21 24 21 29	18 44 17 1	5 32																				
M 7	2 52 0	3 4 54	10 4	3 29 10	49 1 18	25 2	2 17 18	5 1 8 19	57 0 23	13 36	0 47 22	0 0 41	17 1 6 18	21 21 21 28	18 42 17 2	5 31																				
T 8	2 29 4n41	4 32 10	18 3 33	10 22 1 19	25 6 2 17	18 6 1 8 19	56 0 23	13 37 0 47	21 59 0 41	17 1 6 19	21 19 21 28	18 40 17 3	5 31																							
W 9	2 5 9	17 3 56	10 29 3 37	9 55 1 20	25 9 2 16	18 7 1 8 19	55 0 24	13 38 0 47	21 59 0 41	17 1 6 19	21 18 21 27	18 39 17 4	5 30																							
T 10	1 42 13	32 3 6	10 37 3 40	9 28 1 21	25 13 2 16	18 8 1 8 19	54 0 24	13 38 0 47	21 59 0 41	17 1 6 19	21 16 21 27	18 37 17 4	5 30																							
F 11	1 18 17	9 2 6	10 42 3 42	9 1 1 22	25 16 2 16	18 9 1 8 19	52 0 24	13 39 0 47	21 59 0 41	17 1 6 19	21 15 21 26	18 36 17 5	5 30																							
S 12	0 55 19	52 0 57	10 44 3 43	8 33 1 23	25 19 2 15	18 10 1 8 19	51 0 24	13 40 0 47	21 59 0 41	17 1 6 19	21 15 21 26	18 34 17 6	5 29																							
S 13	0 31 21	29 0s16	10 42 3 43	8 5 1 24	25 22 2 15	18 11 1 8 19	50 0 24	13 40 0 47	21 59 0 41	17 0 6 19	21 15 21 25	18 33 17 6	5 29																							
M14	0 8 21	48 1 28	10 36 3 41	7 37 1 24	25 24 2 14	18 12 1 8 19	49 0 24	13 41 0 47	21 59 0 41	17 0 6 19	21 15 21 25	18 31 17 7	5 29																							
T 15	0s16	20 46 2 37	10 26 3 38	7 9 1 25	25 26 2 14	18 12 1 8 19	48 0 24	13 42 0 47	21 59 0 41	17 0 6 19	21 15 21 24	18 29 17 8	5 28																							
W16	0 39 18	24 3 36	10 11 3 34	6 41 1 26	25 29 2 13	18 13 1 8 19	47 0 24	13 42 0 47	21 59 0 41	17 0 6 19	21 15 21 24	18 28 17 8	5 28																							
T 17	1 3 14	54 4 23	9 52 3 28	6 12 1 26	25 31 2 13	18 14 1 8 19	46 0 25	13 43 0 47	21 58 0 41	17 0 6 19	21 14 21 23	18 26 17 9	5 28																							
F 18	1 27 10	31 4 53	9 28 3 20	5 43 1 27	25 32 2 12	18 14 1 8 19	44 0 25	13 43 0 47	21 58 0 41	17 0 6 20	21 13 21 22	18 25 17 10	5 27																							
S 19	1 50 5	32 5 4	8 59 3 10	5 14 1 27	25 34 2 12	18 15 1 7 19	43 0 25	13 44 0 47	21 58 0 41	17 0 6 20	21 11 21 22	18 23 17 11	5 27																							
S 20	2 14 0	17 4 57	8 26 2 59	4 45 1 28	25 35 2 11	18 15 1 7 19	42 0 25	13 44 0 47	21 58 0 41	17 0 6 20	21 10 21 21	18 21 17 11	5 27																							
M21	2 37 4s54	4 31 7 49	2 45 4 15	1 28	25 36 2 11	18 16 1 7 19	41 0 25	13 45 0 47	21 58 0 41	17 0 6 20	21 8 21 21	18 20 17 12	5 26																							
T 22	3 1 9	45 3 50	7 9 2 30	3 46 1 28	25 37 2 10	18 16 1 7 19	40 0 25	13 45 0 47	21 58 0 41	17 0 6 20	21 6 21 20	18 18 17 13	5 26																							
W23	3 24 14	0 2 56																																		

SWISS EPHEMERIS for the year 1416

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T 1	1 13 29	16 ^h 29'32"	7 ^h 22'	3°R34	5 ^h 11'	2 ^h 17'	12 ^h 6'	4 ^h 53'	25°R23	15 ^h 16'	22°R44	4°R14	5 ^h 18'	21 ^h 46'	15 ^h 7'
F 2	1 17 25	17°29'11"	19°25'	3 ^h 16'	6°26'	3° 0'	12° 7'	4°57'	25 ^h 22'	15°16'	22 ^h 43'	4 ^h 10'	5°15'	21°53'	15°12'
S 3	1 21 22	18°28'51"	1 ^h 39'	3°D 9'	7°41'	3°43'	12° 7'	5° 1'	25°21'	15°17'	22°43'	4° 3'	5°12'	22° 0'	15°16'
S 4	1 25 19	19°28'32"	14° 9'	3°14'	8°56'	4°26'	12° 8'	5° 5'	25°20'	15°17'	22°42'	3°56'	5° 9'	22° 6'	15°21'
M 5	1 29 15	20°28'16"	26°57'	3°29'	10°11'	5° 9'	12° 9'	5° 9'	25°19'	15°17'	22°42'	3°48'	5° 5'	22°13'	15°26'
T 6	1 33 12	21°28'02"	10 ^h 1'	3°55'	11°26'	5°52'	12°10'	5°12'	25°18'	15°17'	22°41'	3°40'	5° 2'	22°20'	15°30'
W 7	1 37 8	22°27'49"	23°23'	4°30'	12°41'	6°35'	12°12'	5°16'	25°17'	15°17'	22°41'	3°34'	4°59'	22°26'	15°35'
T 8	1 41 5	23°27'39"	7 ^h 8'	5°14'	13°56'	7°18'	12°13'	5°19'	25°16'	15°17'	22°40'	3°29'	4°56'	22°33'	15°40'
F 9	1 45 1	24°27'30"	20°48'	6° 5'	15°11'	8° 2'	12°15'	5°22'	25°15'	15°17'	22°40'	3°27'	4°53'	22°40'	15°45'
S 10	1 48 58	25°27'24"	4 ^h 46'	7° 4'	16°27'	8°45'	12°17'	5°26'	25°14'	15°17'	22°39'	3°D26'	4°50'	22°46'	15°50'
S 11	1 52 54	26°27'20"	18°50'	8° 9'	17°42'	9°29'	12°20'	5°29'	25°14'	15°17'	22°39'	3°27'	4°46'	22°53'	15°55'
M12	1 56 51	27°27'18"	2 ^h 59'	9°20'	18°57'	10°12'	12°22'	5°32'	25°13'	15°17'	22°38'	3°28'	4°43'	23° 0'	16° 0'
T13	2 0 48	28°27'18"	17° 8'	10°35'	20°12'	10°56'	12°25'	5°35'	25°12'	15°17'	22°38'	3°30'	4°40'	23° 7'	16° 5'
W14	2 4 44	29°27'21"	1 ^h 18'	11°54'	21°28'	11°40'	12°27'	5°38'	25°11'	15°17'	22°37'	3°R30'	4°37'	23°13'	16°10'
T15	2 8 41	0 ^h 12'26"	15°27'	13°17'	22°43'	12°23'	12°30'	5°40'	25°11'	15°17'	22°36'	3°29'	4°34'	23°20'	16°15'
F16	2 12 37	1°27'32"	29°31'	14°42'	23°58'	13° 7'	12°34'	5°43'	25°10'	15°17'	22°36'	3°27'	4°31'	23°27'	16°20'
S17	2 16 34	2°27'41"	13 ^h 30'	16°10'	25°14'	13°51'	12°37'	5°46'	25°10'	15°16'	22°35'	3°23'	4°27'	23°33'	16°26'
S18	2 20 30	3°27'52"	27°21'	17°40'	26°29'	14°35'	12°41'	5°48'	25° 9'	15°16'	22°34'	3°18'	4°24'	23°40'	16°31'
M19	2 24 27	4°28'05"	11 ^h 1'	19°11'	27°44'	15°19'	12°44'	5°50'	25° 9'	15°16'	22°33'	3°13'	4°21'	23°47'	16°36'
T20	2 28 23	5°28'20"	24°26'	20°44'	29° 0'	16° 3'	12°48'	5°52'	25° 9'	15°16'	22°33'	3° 9'	4°18'	23°53'	16°42'
W21	2 32 20	6°28'37"	7 ^h 37'	22°18'	0 ^h 15'	16°48'	12°53'	5°55'	25° 8'	15°15'	22°32'	3° 6'	4°15'	24° 0'	16°47'
T22	2 36 17	7°28'56"	20°30'	23°53'	1°30'	17°32'	12°57'	5°57'	25° 8'	15°15'	22°31'	3° 4'	4°11'	24° 7'	16°53'
F23	2 40 13	8°29'16"	3 ^h 7'	25°28'	2°46'	18°16'	13° 1'	5°58'	25° 8'	15°14'	22°30'	3°D 3'	4° 8'	24°13'	16°58'
S24	2 44 10	9°29'38"	15°29'	27° 3'	4° 1'	19° 1'	13° 6'	6° 0'	25° 8'	15°14'	22°30'	3° 4'	4° 5'	24°20'	17° 4'
S25	2 48 6	10°30'02"	27°37'	28°39'	5°16'	19°45'	13°11'	6° 2'	25° 8'	15°13'	22°29'	3° 5'	4° 2'	24°27'	17°10'
M26	2 52 3	11°30'27"	9 ^h 35'	0 ^h 16'	6°32'	20°30'	13°16'	6° 3'	25°D 8'	15°13'	22°28'	3° 7'	3°59'	24°34'	17°15'
T27	2 55 59	12°30'53"	21°27'	1°52'	7°47'	21°14'	13°21'	6° 5'	25° 8'	15°12'	22°27'	3° 9'	3°56'	24°40'	17°21'
W28	2 59 56	13°31'21"	3 ^h 18'	3°28'	9° 3'	21°59'	13°27'	6° 6'	25° 8'	15°12'	22°26'	3°10'	3°52'	24°47'	17°27'
T29	3 3 52	14°31'50"	15°11'	5° 5'	10°18'	22°44'	13°32'	6° 7'	25° 8'	15°11'	22°25'	3°R10'	3°49'	24°54'	17°33'
F30	3 7 49	15°32'21"	27°12'	6°41'	11°34'	23°29'	13°38'	6° 9'	25° 8'	15°10'	22°24'	3°10'	3°46'	25° 0'	17°39'
S31	3 11 46	16 ^h 32'52"	9 ^h 27'	8 ^h 17'	12 ^h 49'	24 ^h 13'	13 ^h 44'	6 ^h 10'	25 ^h 8'	15 ^h 10'	22 ^h 23'	3 ^h 8'	3 ^h 43'	25 ^h 7'	17 ^h 44'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	6s30	14s 3'	4n35'	1s 3'	0n24'	0s44'	1n27'	25s34'	2s 5'	18s17'	1s 6'	19n32'	0n26'	13s50'	0s46'	21n57'	0s41'	16n59'	6s21'	21s 3'	21s15'	18s 4'	17s20'	5n23'
F 2	6 53	10 19	4 58	0 40	0 41	1 14	1 26	25 33	2 4	18 16	1 6	19 31	0 27	13 50	0 46	21 57	0 41	16 59	6 21	21 3	21 15	18 2	17 20	5 23
S 3	7 16	6 7	5 8	0 23	0 57	1 44	1 26	25 31	2 3	18 16	1 6	19 30	0 27	13 50	0 46	21 57	0 41	16 58	6 21	21 1	21 14	18 0	17 21	5 23
S 4	7 39	1 35	5 4	0 12	1 11	2 15	1 25	25 29	2 3	18 16	1 6	19 29	0 27	13 51	0 46	21 57	0 41	16 58	6 21	21 0	21 13	17 59	17 22	5 22
M 5	8 1	3n 7'	4 4	0 7	1 23	2 45	1 25	25 27	2 2	18 15	1 6	19 29	0 27	13 51	0 46	21 57	0 41	16 58	6 21	20 59	21 13	17 57	17 23	5 22
T 6	8 24	7 48	4 9	0 7	1 34	3 15	1 24	25 24	2 1	18 15	1 6	19 28	0 27	13 51	0 46	21 57	0 41	16 58	6 21	20 57	21 12	17 55	17 23	5 22
W 7	8 46	12 12	3 20	0 13	1 43	3 45	1 23	25 21	2 1	18 14	1 5	19 27	0 27	13 52	0 46	21 57	0 41	16 58	6 21	20 56	21 12	17 54	17 24	5 22
T 8	9 8	16 4	2 19	0 23	1 51	4 15	1 22	25 18	2 0	18 14	1 5	19 26	0 27	13 52	0 46	21 57	0 41	16 58	6 21	20 55	21 11	17 52	17 25	5 21
F 9	9 30	19 6	1 8	0 38	1 57	4 45	1 21	25 15	1 59	18 13	1 5	19 26	0 28	13 52	0 46	21 57	0 41	16 58	6 21	20 55	21 11	17 50	17 26	5 21
S 10	9 52	21 2	0s 7'	0 57	2 1	5 15	1 20	25 12	1 58	18 12	1 5	19 25	0 28	13 52	0 46	21 57	0 41	16 58	6 21	20 54	21 10	17 49	17 26	5 21
S 11	10 14	21 40	1 23	1 20	2 5	5 45	1 19	25 8	1 58	18 12	1 5	19 25	0 28	13 53	0 46	21 57	0 41	16 58	6 21	20 55	21 9	17 47	17 27	5 21
M12	10 36	20 55	2 34	1 46	2 7	6 14	1 18	25 4	1 57	18 11	1 5	19 24	0 28	13 53	0 46	21 57	0 41	16 58	6 22	20 55	21 9	17 45	17 28	5 20
T13	10 58	18 50	3 36	2 14	2 8	6 44	1 17	25 0	1 56	18 10	1 5	19 23	0 28	13 53	0 46	21 57	0 41	16 57	6 22	20 55	21 8	17 44	17 29	5 20
W14	11 19	15 38	4 25	2 45	2 8	7 13	1 16	24 55	1 55	18 9	1 5	19 23	0 28	13 53	0 46	21 57	0 41	16 57	6 22	20 55	21 8	17 42	17 29	5 20
T15	11 40	11 31	4 57	3 18	2 8	7 42	1 15	24 50	1 55	18 8	1 4	19 22	0 28	13 53	0 46	21 57	0 41	16 57	6 22	20 55	21 7	17 40	17 30	5 20
F16	12 1	6 48	5 12	3 52	2 6	8 12	1 13	24 45	1 54	18 7	1 4	19 22	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 55	21 7	17 39	17 31	5 19
S17	12 22	1 46	5 8	4 28	2 4	8 40	1 12	24 40	1 53	18 6	1 4	19 21	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 54	21 6	17 37	17 32	5 19
S18	12 43	3s18'	4 46	5 5	2 1	9 9	1 11	24 35	1 52	18 5	1 4	19 21	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 53	21 5	17 35	17 32	5 19
M19	13 3	8 10	4 7	5 43	1 58	9 38	1 9	24 29	1 52	18 4	1 4	19 20	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 52	21 5	17 34	17 33	5 19
T20	13 23	12 32	3 16	6 22	1 54	10 6	1 8	24 23	1 51	18 2	1 4	19 20	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 51	21 4	17 32	17 34	5 19
W21	13 43	16 13	2 15	7 1	1 49	10 34	1 6	24 17	1 50	18 1	1 4	19 20	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 51	21 4	17 30	17 34	5 18
T22	14 3	19 2	1 8	7 41	1 44	11 2	1 4	24 10	1 49	18 0	1 4	19 19	0 29	13 54	0 46	21 57	0 41	16 57	6 22	20 50	21 3	17 28	17 35	5 18
F23	14 23	20 50	0n 0'	8 20	1 39	11 29	1 3	24 3	1 49	17 58	1 3	19 19	0 30	13 54	0 46	21 57	0 41	16 56	6 22	20 50	21 2	17 27	17 36	5 18
S24	14 42	21 36	1 8	9 0	1 34	11 56	1 1	23 56	1 48	17 57	1 3	19 19	0 30	13 54	0 46	21 57	0 41	16 56	6 22	20 50	21 2	17 25	17 36	5 18
S25	15 1	21 18	2 11	9 40	1 28	12 23	0 59	23 49	1 47	17 55	1 3	19 18	0 30	13 54	0 46	21 57	0 41	16 56	6 22	20 50	21 1	17 23	17 37	5 18
M26	15 20	2 3	8 10	19	1 22	12 50	0 57	23 42	1 46	17 54	1 3	19 18	0 30	13 54	0 46	21 57	0 41	16 56	6 22	20 51	21 1	17 22	17 38	5 18
T27	15 38	17 54	3 56	10 58	1 16	13 16	0 56	23 34	1 45	17 52	1 3	19 18	0 30	13 54	0 46	21 58	0 41	16 56	6 22	20 51	21 0	17 20	17 38	5 18
W28	15 57	15 2	4 34	11 37	1 10	13 42	0 54	23 26	1 44	17 50	1 3	1												

SWISS EPHEMERIS for the year 1416

NOVEMBER 1416 JC

00:00 UT

Table with 16 columns (Day, Sid.t, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♁, ♄) and 30 rows of astronomical data for November 1416.

Table with 17 columns (Day, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♁, ♄) and 30 rows of astronomical data with declination and latitude values.

Julian Day Number = 2238556.5, Delta T = 294.53 sec
Ecliptic obliquity = 23°30'50, Nutation = 0°00'14
Ayanamsha: Fagan/Bradley = 16°36'19, Lahiri = 15°43'19 Julian Calendar 1 Nov. 1416 == Greg. Calendar 10 Nov. 1416

SWISS EPHEMERIS for the year 1416

DECEMBER 1416 JC

00:00 UT

Main ephemeris table with columns for Day, Sid.t, and various celestial coordinates (☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♅, ♁, ♁, ♃, ♄) for days T 1 to T 31.

Detailed ephemeris table with columns for Day, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♅, ♁, ♁, ♃, ♄, including decl, lat, and decl/lat for each day from T 1 to T 31.

Julian Day Number = 2238586.5, Delta T = 294.43 sec
Ecliptic obliquity = 23°30'49", Nutation = 0°00'14
Ayanamsha: Fagan/Bradley = 16°36'23", Lahiri = 15°43'23" Julian Calendar 1 Dec. 1416 == Greg. Calendar 10 Dec. 1416