

SWISS EPHEMERIS for the year 1421

JANUARY 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	7 16 18	19♌37°27'	6♌31	15♌58	6♌0	22♌34	8♌19	29♌14	12♌6	22♌53	25♌38	11♌35	13♌4	15♌0	23♌43								
T 2	7 20 15	20♌38°34'	21♌26	17♌37	6♌4	23♌6	8♌12	29♌14	12♌8	22♌51	25♌36	11♌27	13♌0	15♌7	23♌48								
F 3	7 24 11	21♌39°41'	6♌37	19♌16	7♌30	23♌39	8♌4	29♌14	12♌10	22♌50	25♌35	11♌19	12♌57	15♌13	23♌53								
S 4	7 28 8	22♌40°47'	21♌56	20♌56	8♌16	24♌11	7♌56	29♌13	12♌13	22♌48	25♌34	11♌12	12♌54	15♌20	23♌58								
S 5	7 32 4	23♌41°52'	7♌12	22♌37	9♌3	24♌43	7♌49	29♌13	12♌15	22♌46	25♌33	11♌6	12♌51	15♌27	24♌3								
M 6	7 36 1	24♌42°57'	22♌12	24♌17	9♌51	25♌16	7♌41	29♌12	12♌18	22♌44	25♌32	11♌2	12♌48	15♌34	24♌8								
T 7	7 39 58	25♌44°00'	6♌31	25♌59	10♌40	25♌49	7♌34	29♌11	12♌21	22♌43	25♌31	11♌D 0	12♌45	15♌40	24♌13								
W 8	7 43 54	26♌45°03'	21♌3	27♌41	11♌30	26♌22	7♌27	29♌10	12♌23	22♌41	25♌30	11♌1	12♌41	15♌47	24♌18								
T 9	7 47 51	27♌46°04'	4♌46	29♌24	12♌21	26♌55	7♌19	29♌9	12♌26	22♌39	25♌29	11♌2	12♌38	15♌54	24♌23								
F 10	7 51 47	28♌47°04'	18♌2	1♌7	13♌12	27♌28	7♌12	29♌8	12♌29	22♌38	25♌28	11♌3	12♌35	16♌0	24♌29								
S 11	7 55 44	29♌48°02'	0♌55	2♌51	14♌4	28♌1	7♌5	29♌7	12♌31	22♌36	25♌27	11♌R 4	12♌32	16♌7	24♌34								
S 12	7 59 40	0♌49°00'	13♌27	4♌36	14♌57	28♌34	6♌58	29♌6	12♌34	22♌34	25♌26	11♌3	12♌29	16♌14	24♌39								
M13	8 3 37	1♌49°56'	25♌44	6♌21	15♌50	29♌8	6♌52	29♌4	12♌37	22♌33	25♌25	11♌0	12♌25	16♌20	24♌44								
T 14	8 7 33	2♌50°51'	7♌49	8♌6	16♌44	29♌41	6♌45	29♌3	12♌40	22♌31	25♌24	10♌56	12♌22	16♌27	24♌49								
W15	8 11 30	3♌51°45'	19♌46	9♌53	17♌39	0♌15	6♌39	29♌1	12♌42	22♌29	25♌23	10♌50	12♌19	16♌34	24♌54								
T 16	8 15 27	4♌52°37'	1♌39	11♌39	18♌34	0♌49	6♌32	29♌0	12♌45	22♌28	25♌23	10♌43	12♌16	16♌41	24♌59								
F 17	8 19 23	5♌53°28'	13♌30	13♌26	19♌30	1♌23	6♌26	28♌58	12♌48	22♌26	25♌22	10♌36	12♌13	16♌47	25♌4								
S 18	8 23 20	6♌54°18'	25♌21	15♌13	20♌26	1♌57	6♌20	28♌56	12♌51	22♌24	25♌21	10♌29	12♌10	16♌54	25♌9								
S 19	8 27 16	7♌55°07'	7♌14	17♌0	21♌23	2♌31	6♌14	28♌54	12♌54	22♌23	25♌20	10♌24	12♌6	17♌1	25♌14								
M20	8 31 13	8♌55°54'	19♌11	18♌47	22♌21	3♌5	6♌8	28♌52	12♌57	22♌21	25♌19	10♌21	12♌3	17♌7	25♌19								
T 21	8 35 9	9♌56°40'	1♌14	20♌34	23♌19	3♌39	6♌3	28♌50	13♌0	22♌20	25♌18	10♌19	12♌0	17♌14	25♌24								
W22	8 39 6	10♌57°25'	13♌24	22♌21	24♌17	4♌13	5♌57	28♌47	13♌3	22♌18	25♌17	10♌D18	11♌57	17♌21	25♌29								
T 23	8 43 2	11♌58°09'	25♌43	24♌7	25♌16	4♌47	5♌52	28♌45	13♌6	22♌16	25♌17	10♌19	11♌54	17♌27	25♌34								
F 24	8 46 59	12♌58°51'	8♌15	25♌53	26♌15	5♌22	5♌47	28♌42	13♌9	22♌15	25♌16	10♌21	11♌51	17♌34	25♌39								
S 25	8 50 56	13♌59°32'	21♌3	27♌37	27♌15	5♌56	5♌42	28♌40	13♌12	22♌13	25♌15	10♌22	11♌47	17♌41	25♌43								
S 26	8 54 52	15♌0°13'	4♌8	29♌19	28♌15	6♌31	5♌37	28♌37	13♌15	22♌12	25♌14	10♌24	11♌44	17♌48	25♌48								
M27	8 58 49	16♌0°52'	17♌35	1♌0	29♌16	7♌5	5♌32	28♌34	13♌18	22♌10	25♌14	10♌R24	11♌41	17♌54	25♌53								
T 28	9 2 45	17♌1°30'	1♌25	2♌38	0♌17	7♌40	5♌28	28♌32	13♌22	22♌9	25♌13	10♌23	11♌38	18♌1	25♌58								
W29	9 6 42	18♌2°07'	15♌38	4♌13	1♌18	8♌15	5♌23	28♌29	13♌25	22♌7	25♌12	10♌22	11♌35	18♌8	26♌3								
T 30	9 10 38	19♌2°42'	0♌12	5♌45	2♌19	8♌50	5♌19	28♌26	13♌28	22♌6	25♌12	10♌19	11♌31	18♌14	26♌8								
F 31	9 14 35	20♌3°17'	15♌3	7♌13	3♌21	9♌24	5♌15	28♌23	13♌31	22♌5	25♌11	10♌16	11♌28	18♌21	26♌12								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	22s 4	16s27	5n 6	24s23	1s51	16s50	4n37	9n31	0n46	23n25	0n10	2n29	2n22	7s44	0s45	21n 9	0s25	18n22	5s 5	7n14	6n41	18n19	15s 4	6n27
T 2	21 55	18 12	5 2	24 13	1 54	16 58	4 36	9 44	0 47	23 26	0 10	2 29	2 23	7 43	0 45	21 10	0 25	18 22	5 5	7 17	6 42	18 19	15 3	6 27
F 3	21 46	18 43	4 38	24 2	1 56	17 6	4 35	9 57	0 47	23 26	0 10	2 30	2 23	7 42	0 45	21 10	0 25	18 22	5 4	7 21	6 43	18 19	15 3	6 27
S 4	21 36	17 53	3 53	23 50	1 58	17 15	4 34	10 9	0 48	23 27	0 10	2 30	2 23	7 41	0 45	21 10	0 25	18 22	5 4	7 23	6 44	18 19	15 2	6 27
S 5	21 26	15 45	2 52	23 35	2 0	17 23	4 32	10 22	0 49	23 27	0 11	2 31	2 24	7 40	0 45	21 11	0 25	18 22	5 4	7 26	6 45	18 18	15 1	6 27
M 6	21 15	12 35	1 40	23 19	2 2	17 32	4 31	10 35	0 50	23 28	0 11	2 31	2 24	7 39	0 45	21 11	0 25	18 22	5 4	7 27	6 47	18 18	15 0	6 27
T 7	21 4	8 41	0 22	23 2	2 3	17 40	4 29	10 48	0 51	23 29	0 11	2 32	2 24	7 38	0 45	21 11	0 25	18 22	5 4	7 28	6 48	18 18	14 59	6 27
W 8	20 52	4 23	0s54	22 43	2 4	17 49	4 27	11 1	0 52	23 29	0 11	2 32	2 24	7 37	0 45	21 11	0 25	18 22	5 4	7 27	6 49	18 17	14 58	6 27
T 9	20 40	0 1	2 5	22 22	2 4	17 58	4 25	11 13	0 53	23 30	0 11	2 33	2 25	7 36	0 45	21 12	0 25	18 22	5 4	7 27	6 50	18 17	14 58	6 27
F 10	20 28	4n13	3 7	21 59	2 4	18 6	4 23	11 26	0 53	23 30	0 11	2 34	2 25	7 35	0 45	21 12	0 25	18 23	5 4	7 26	6 51	18 17	14 57	6 27
S 11	20 15	8 7	3 58	21 35	2 4	18 15	4 20	11 39	0 54	23 31	0 11	2 34	2 25	7 34	0 45	21 12	0 25	18 23	5 4	7 26	6 53	18 17	14 56	6 27
S 12	20 2	11 33	4 35	21 9	2 3	18 23	4 18	11 51	0 55	23 31	0 11	2 35	2 26	7 33	0 45	21 13	0 25	18 23	5 3	7 27	6 54	18 16	14 55	6 27
M13	19 49	14 24	5 0	20 42	2 1	18 32	4 15	12 4	0 56	23 32	0 12	2 36	2 26	7 32	0 44	21 13	0 25	18 23	5 3	7 28	6 55	18 16	14 54	6 27
T 14	19 35	16 35	5 10	20 13	1 59	18 40	4 12	12 17	0 56	23 32	0 12	2 37	2 26	7 31	0 44	21 13	0 25	18 23	5 3	7 29	6 56	18 16	14 53	6 27
W15	19 21	18 1	5 7	19 42	1 57	18 48	4 9	12 29	0 57	23 32	0 12	2 38	2 26	7 30	0 44	21 14	0 25	18 23	5 3	7 32	6 58	18 15	14 52	6 27
T 16	19 6	18 40	4 50	19 10	1 54	18 56	4 6	12 42	0 58	23 33	0 12	2 39	2 27	7 29	0 44	21 14	0 25	18 23	5 3	7 34	6 59	18 15	14 51	6 27
F 17	18 51	18 30	4 21	18 36	1 50	19 3	4 3	12 54	0 59	23 33	0 12	2 40	2 27	7 27	0 44	21 14	0 25	18 23	5 3	7 37	7 0	18 15	14 50	6 27
S 18	18 36	17 31	3 41	18 1	1 46	19 11	4 0	13 7	0 59	23 34	0 12	2 41	2 27	7 26	0 44	21 14	0 25	18 23	5 3	7 39	7 1	18 14	14 49	6 27
S 19	18 21	15 46	2 51	17 24	1 41	19 18	3 56	13 19	1 0	23 34	0 12	2 42	2 27	7 25	0 44	21 15	0 25	18 23	5 3	7 41	7 2	18 14	14 48	6 27
M20	18 5	13 19	1 53	16 45	1 36	19 25	3 53	13 31	1 1	23 35	0 12	2 43	2 28	7 24	0 44	21 15	0 25	18 24	5 2	7 43	7 4	18 14	14 47	6 27
T 21	17 49	10 18	0 50	16 5	1 29	19 32	3 49	13 44	1 1	23 35	0 12	2 44	2 28	7 23	0 44	21 15	0 24	18 24	5 2	7 43	7 5	18 13	14 46	6 28
W22	17 32	6 48	0n17	15 24	1 23	19 38	3 45	13 56	1 2	23 35	0 13	2 45	2 28	7 22	0 44	21 15	0 24	18 24	5 2	7 44	7 6	18		

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	9 18 31	21♌ 3'49	0♌ 5	8♌36	4♌24	9♌59	5°R12	28°R19	13♌34	22°R 3	25°R10	10°R14	11♌25	18♌28	26♌17
S 2	9 22 28	22° 4'21	15° 9	9°54	5°26	10°34	5♌ 8	28♌16	13°38	22♌ 1	25♌10	10♌12	11°22	18°34	26°22
M 3	9 26 25	23° 4'51	0♌ 4	11° 5	6°29	11°10	5° 5	28°13	13°41	22° 0	25° 9	10°11	11°19	18°41	26°27
T 4	9 30 21	24° 5'19	14°44	12°10	7°32	11°45	5° 1	28° 9	13°44	21°59	25° 9	10°D10	11°16	18°48	26°31
W 5	9 34 18	25° 5'45	29° 2	13° 8	8°36	12°20	4°58	28° 6	13°47	21°57	25° 8	10°11	11°12	18°54	26°36
T 6	9 38 14	26° 6'09	12♌54	13°58	9°40	12°55	4°56	28° 2	13°51	21°56	25° 8	10°12	11° 9	19° 1	26°40
F 7	9 42 11	27° 6'32	26°20	14°39	10°44	13°30	4°53	27°59	13°54	21°55	25° 7	10°13	11° 6	19° 8	26°45
S 8	9 46 7	28° 6'52	9♌20	15°11	11°48	14° 6	4°50	27°55	13°57	21°53	25° 7	10°14	11° 3	19°15	26°50
S 9	9 50 4	29° 7'11	21°59	15°33	12°52	14°41	4°48	27°51	14° 1	21°52	25° 6	10°15	11° 0	19°21	26°54
M10	9 54 0	0♌ 7'27	4♌18	15°47	13°57	15°17	4°46	27°47	14° 4	21°51	25° 6	10°R15	10°56	19°28	26°58
T 11	9 57 57	1° 7'42	16°24	15°R50	15° 2	15°52	4°44	27°43	14° 7	21°49	25° 5	10°15	10°53	19°35	27° 3
W12	10 1 53	2° 7'54	28°20	15°44	16° 7	16°28	4°43	27°40	14°11	21°48	25° 5	10°14	10°50	19°41	27° 7
T 13	10 5 50	3° 8'05	10♌11	15°28	17°13	17° 3	4°41	27°35	14°14	21°47	25° 5	10°13	10°47	19°48	27°12
F 14	10 9 47	4° 8'13	22° 1	15° 4	18°18	17°39	4°40	27°31	14°18	21°46	25° 4	10°12	10°44	19°55	27°16
S 15	10 13 43	5° 8'19	3♌54	14°31	19°24	18°15	4°39	27°27	14°21	21°45	25° 4	10°11	10°41	20° 1	27°20
S 16	10 17 40	6° 8'23	15°51	13°51	20°30	18°50	4°38	27°23	14°24	21°44	25° 4	10°11	10°37	20° 8	27°25
M17	10 21 36	7° 8'26	27°56	13° 4	21°36	19°26	4°37	27°19	14°28	21°43	25° 3	10°10	10°34	20°15	27°29
T 18	10 25 33	8° 8'26	10♌11	12°13	22°43	20° 2	4°37	27°15	14°31	21°41	25° 3	10°D10	10°31	20°21	27°33
W19	10 29 29	9° 8'24	22°36	11°17	23°49	20°38	4°37	27°10	14°35	21°40	25° 3	10°10	10°28	20°28	27°37
T 20	10 33 26	10° 8'21	5♌13	10°18	24°56	21°14	4°D36	27° 6	14°38	21°39	25° 3	10°R10	10°25	20°35	27°41
F 21	10 37 22	11° 8'15	18° 3	9°19	26° 3	21°49	4°37	27° 2	14°42	21°38	25° 2	10°10	10°22	20°42	27°45
S 22	10 41 19	12° 8'08	1♌ 7	8°20	27°10	22°25	4°37	26°57	14°45	21°37	25° 2	10°10	10°18	20°48	27°49
S 23	10 45 16	13° 7'59	14°25	7°22	28°17	23° 1	4°37	26°53	14°48	21°36	25° 2	10°10	10°15	20°55	27°53
M24	10 49 12	14° 7'48	27°59	6°26	29°24	23°37	4°38	26°48	14°52	21°36	25° 2	10°10	10°12	21° 2	27°57
T 25	10 53 9	15° 7'36	11♌47	5°35	0♌32	24°13	4°39	26°44	14°55	21°35	25° 2	10°D 9	10° 9	21° 8	28° 1
W26	10 57 5	16° 7'22	25°51	4°47	1°40	24°49	4°40	26°39	14°59	21°34	25° 2	10° 9	10° 6	21°15	28° 5
T 27	11 1 2	17° 7'07	10♌ 7	4° 5	2°47	25°25	4°41	26°35	15° 2	21°33	25° 2	10°10	10° 2	21°22	28° 8
F 28	11 4 58	18♌ 6'49	24♌35	3♌28	3♌55	26♌ 2	4♌43	26♌30	15♌ 6	21♌32	25°D 2	10♌10	9♌59	21♌28	28♌12

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14s31	16s52	3n24	7s59	0n25	20s22	3n 4	15n55	1n 7	23n38	0n14	2n58	2n31	7s 9	0s44	21n18	0s24	18n25	5s 1	7n45	7n18	18n10	14s35	6n29
S 2	14 12	14 12	2 14	7 16	0 40	20 25	2 59	16 7	1 8	23 38	0 14	3 0	2 31	7 8	0 44	21 18	0 24	18 25	5 1	7 46	7 19	18 9	14 34	6 29
M 3	13 52	10 37	0 56	6 35	0 54	20 26	2 55	16 18	1 8	23 39	0 14	3 1	2 31	7 7	0 44	21 19	0 24	18 25	5 0	7 47	7 21	18 9	14 33	6 30
T 4	13 32	6 25	0s25	5 57	1 9	20 28	2 50	16 29	1 8	23 39	0 14	3 3	2 31	7 6	0 44	21 19	0 24	18 25	5 0	7 47	7 22	18 9	14 32	6 30
W 5	13 12	1 57	1 43	5 21	1 25	20 29	2 46	16 41	1 9	23 39	0 14	3 4	2 31	7 4	0 44	21 19	0 24	18 25	5 0	7 46	7 23	18 8	14 31	6 30
T 6	12 51	2n29	2 52	4 47	1 40	20 29	2 41	16 52	1 9	23 39	0 14	3 6	2 32	7 3	0 44	21 19	0 24	18 26	5 0	7 46	7 24	18 8	14 30	6 30
F 7	12 31	6 38	3 49	4 18	1 55	20 29	2 36	17 3	1 10	23 40	0 14	3 8	2 32	7 2	0 44	21 20	0 24	18 26	5 0	7 45	7 25	18 7	14 29	6 30
S 8	12 10	10 21	4 32	3 51	2 10	20 28	2 32	17 14	1 10	23 40	0 14	3 9	2 32	7 0	0 44	21 20	0 24	18 26	5 0	7 45	7 27	18 7	14 28	6 31
S 9	11 49	13 28	5 1	3 29	2 25	20 27	2 27	17 25	1 11	23 40	0 14	3 11	2 32	6 59	0 44	21 20	0 24	18 26	4 59	7 45	7 28	18 7	14 27	6 31
M10	11 28	15 54	5 15	3 11	2 39	20 25	2 22	17 36	1 11	23 40	0 14	3 13	2 32	6 58	0 44	21 20	0 24	18 26	4 59	7 45	7 29	18 6	14 26	6 31
T 11	11 6	17 35	5 15	2 58	2 52	20 23	2 17	17 47	1 11	23 40	0 15	3 14	2 32	6 56	0 44	21 20	0 24	18 26	4 59	7 45	7 30	18 6	14 25	6 31
W12	10 45	18 29	5 1	2 49	3 4	20 20	2 13	17 57	1 12	23 40	0 15	3 16	2 33	6 55	0 44	21 21	0 24	18 26	4 59	7 45	7 32	18 6	14 23	6 32
T 13	10 23	18 33	4 35	2 45	3 15	20 17	2 8	18 8	1 12	23 40	0 15	3 18	2 33	6 54	0 44	21 21	0 24	18 27	4 59	7 46	7 33	18 5	14 22	6 32
F 14	10 1	17 49	3 57	2 46	3 24	20 13	2 3	18 18	1 12	23 41	0 15	3 20	2 33	6 53	0 44	21 21	0 24	18 27	4 59	7 46	7 34	18 5	14 21	6 32
S 15	9 39	16 17	3 8	2 52	3 31	20 9	1 58	18 29	1 13	23 41	0 15	3 21	2 33	6 51	0 44	21 21	0 24	18 27	4 58	7 46	7 35	18 4	14 20	6 32
S 16	9 17	14 3	2 11	3 2	3 37	20 4	1 54	18 39	1 13	23 41	0 15	3 23	2 33	6 50	0 44	21 21	0 24	18 27	4 58	7 47	7 36	18 4	14 19	6 33
M17	8 55	11 10	1 7	3 16	3 41	19 59	1 49	18 49	1 13	23 41	0 15	3 25	2 33	6 49	0 44	21 22	0 24	18 27	4 58	7 47	7 38	18 4	14 18	6 33
T 18	8 33	7 47	0n 0	3 34	3 43	19 53	1 44	18 59	1 14	23 41	0 15	3 27	2 34	6 47	0 44	21 22	0 24	18 27	4 58	7 47	7 39	18 3	14 17	6 33
W19	8 10	4 0	1 8	3 55	3 43	19 47	1 39	19 9	1 14	23 41	0 15	3 29	2 34	6 46	0 44	21 22	0 24	18 28	4 58	7 47	7 40	18 3	14 16	6 34
T 20	7 47	0s 1	2 15	4 20	3 40	19 40	1 34	19 19	1 14	23 41	0 15	3 30	2 34	6 45	0 44	21 22	0 24	18 28	4 58	7 47	7 41	18 2	14 15	6 34
F 21	7 25	4 6	3 15	4 46	3 36	19 32	1 30	19 29	1 15	23 41	0 15	3 32	2 34	6 43	0 44	21 22	0 24	18 28	4 58	7 47	7 42	18 2	14 14	6 34
S 22	7 2	8 2	4 7	5 14	3 29	19 24	1 25	19 38	1 15	23 41	0 15	3 34	2 34	6 42	0 44	21 23	0 24	18 28	4 57	7 47	7 44	18 1	14 13	6 35
S 23	6 39	11 39	4 46	5 43	3 21	19 16	1 20	19 48	1 15	23 41	0 16	3 36	2 34	6 41	0 44	21 23	0 24	18 28	4 57	7 47	7 45	18 1	14 12	6 35
M24	6 16	14 44	5 10	6 12	3 12	19 6	1 15	19 57	1 15	23 41	0 16	3 38	2 34	6 39	0 44	21 23	0 24	18 28	4 57	7 47	7 46	18 1	14 11	6 35
T 25	5 53	17 2	5 17	6 42	3 1	18 57	1 11	20 6	1 16	23 41	0 16	3 40	2 34	6 38	0 44	21 23	0 24	18 28	4 57	7 47	7 47	18 0	14 10	6 35
W26	5 29	18 21	5 6	7 10	2 48	18 47	1 6	20 16	1 16	23 42	0 16	3 42	2 35	6 37	0 44	21 23	0 24	18 29	4 57	7 47	7 48	18 0	14 8	6 36
T 27	5 6	18 33	4 35	7 38	2 35	18 36	1 1	20 25	1 16	23 42	0 16	3 44	2 35	6 35	0 44	21 23	0 24	18 29	4 57	7 47	7 50	17 59	14 7	6 36
F 28	4s43	17s33	3n47	8s 4	2n21	18s25	0n57	20n33	1n16	23n42	0n16	3n46	2n35	6s34	0s44	21n24	0s24	18n29	4s56	7n47	7n51	17n59	14s 6	6n37

Julian Day Number = 2240109.5, Delta T = 289.51 sec

Ecliptic obliquity = 23°30'43", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 16°39'52", Lahiri = 15°46'52"/Julian Calendar 1 Feb. 1421 == Greg. Calendar 10 Feb. 1421

SWISS EPHEMERIS for the year 1421

MARCH 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♇	♈	♉	♊	♋	♌	♍
S 1	11 8 55	19° 6'30	9° 11	2°R58	5° 4	26° 38	4° 44	26°R25	15° 9	21°R31	25° 2	10° 11	9° 56	21° 35	28° 16			
S 2	11 12 51	20° 6'09	23° 48	2° 33	6° 12	27° 14	4° 46	26° 21	15° 12	21° 31	25° 2	10° 12	9° 53	21° 42	28° 20			
M 3	11 16 48	21° 5'46	8° 22	2° 15	7° 20	27° 50	4° 48	26° 16	15° 16	21° 30	25° 2	10° R12	9° 50	21° 48	28° 23			
T 4	11 20 45	22° 5'21	22° 46	2° 3	8° 28	28° 26	4° 50	26° 11	15° 19	21° 29	25° 2	10° 12	9° 47	21° 55	28° 27			
W 5	11 24 41	23° 4'54	6° 54	1° 57	9° 37	29° 3	4° 53	26° 7	15° 23	21° 29	25° 2	10° 11	9° 43	22° 2	28° 30			
T 6	11 28 38	24° 4'25	20° 44	1° D57	10° 46	29° 39	4° 55	26° 2	15° 26	21° 28	25° 2	10° 9	9° 40	22° 8	28° 33			
F 7	11 32 34	25° 3'54	4° 11	2° 3	11° 54	0° II15	4° 58	25° 57	15° 30	21° 28	25° 2	10° 7	9° 37	22° 15	28° 37			
S 8	11 36 31	26° 3'20	17° 15	2° 14	13° 3	0° 52	5° 1	25° 53	15° 33	21° 27	25° 2	10° 5	9° 34	22° 22	28° 40			
S 9	11 40 27	27° 2'45	29° 58	2° 30	14° 12	1° 28	5° 4	25° 48	15° 36	21° 27	25° 3	10° 3	9° 31	22° 29	28° 43			
M10	11 44 24	28° 2'07	12° II21	2° 52	15° 21	2° 4	5° 8	25° 43	15° 40	21° 26	25° 3	10° 2	9° 28	22° 35	28° 47			
T 11	11 48 20	29° 1'26	24° 30	3° 18	16° 30	2° 41	5° 11	25° 38	15° 43	21° 26	25° 3	10° D 1	9° 24	22° 42	28° 50			
W12	11 52 17	0° Y 0'43	6° 27	3° 49	17° 40	3° 17	5° 15	25° 34	15° 46	21° 25	25° 3	10° 1	9° 21	22° 49	28° 53			
T 13	11 56 13	0° 59'58	18° 19	4° 24	18° 49	3° 54	5° 19	25° 29	15° 50	21° 25	25° 4	10° 2	9° 18	22° 55	28° 56			
F 14	12 0 10	1° 59'11	0° 9	5° 3	19° 58	4° 30	5° 23	25° 24	15° 53	21° 24	25° 4	10° 3	9° 15	23° 2	28° 59			
S 15	12 4 7	2° 58'21	12° 3	5° 46	21° 8	5° 6	5° 27	25° 20	15° 56	21° 24	25° 4	10° 5	9° 12	23° 9	29° 2			
S 16	12 8 3	3° 57'29	24° 4	6° 32	22° 17	5° 43	5° 31	25° 15	16° 0	21° 24	25° 5	10° 7	9° 8	23° 15	29° 5			
M17	12 12 0	4° 56'35	6° 17	7° 22	23° 27	6° 19	5° 36	25° 11	16° 3	21° 24	25° 5	10° R 7	9° 5	23° 22	29° 7			
T 18	12 15 56	5° 55'38	18° 43	8° 15	24° 37	6° 56	5° 41	25° 6	16° 6	21° 23	25° 5	10° 7	9° 2	23° 29	29° 10			
W19	12 19 53	6° 54'39	1° 25	9° 11	25° 46	7° 33	5° 46	25° 2	16° 10	21° 23	25° 6	10° 6	8° 59	23° 35	29° 13			
T 20	12 23 49	7° 53'39	14° 23	10° 10	26° 56	8° 9	5° 51	24° 57	16° 13	21° 23	25° 6	10° 3	8° 56	23° 42	29° 15			
F 21	12 27 46	8° 52'36	27° 37	11° 12	28° 6	8° 46	5° 56	24° 53	16° 16	21° 23	25° 7	9° 59	8° 53	23° 49	29° 18			
S 22	12 31 42	9° 51'31	11° 6	12° 16	29° 16	9° 22	6° 1	24° 48	16° 19	21° 23	25° 7	9° 54	8° 49	23° 55	29° 21			
S 23	12 35 39	10° 50'25	24° 47	13° 23	0° X26	9° 59	6° 7	24° 44	16° 23	21° 23	25° 8	9° 50	8° 46	24° 2	29° 23			
M24	12 39 36	11° 49'16	8° 37	14° 32	1° 36	10° 35	6° 12	24° 39	16° 26	21° D23	25° 8	9° 45	8° 43	24° 9	29° 25			
T 25	12 43 32	12° 48'06	22° 39	15° 44	2° 47	11° 12	6° 18	24° 35	16° 29	21° 23	25° 9	9° 42	8° 40	24° 15	29° 28			
W26	12 47 29	13° 46'54	6° 35	16° 57	3° 57	11° 49	6° 24	24° 31	16° 32	21° 23	25° 9	9° 41	8° 37	24° 22	29° 30			
T 27	12 51 25	14° 45'41	20° 55	18° 13	5° 7	12° 25	6° 30	24° 26	16° 35	21° 23	25° 10	9° D41	8° 33	24° 29	29° 32			
F 28	12 55 22	15° 44'26	5° 7	19° 31	6° 18	13° 2	6° 37	24° 22	16° 38	21° 23	25° 10	9° 42	8° 30	24° 36	29° 34			
S 29	12 59 18	16° 43'09	19° 19	20° 51	7° 28	13° 39	6° 43	24° 18	16° 41	21° 23	25° 11	9° 43	8° 27	24° 42	29° 36			
S 30	13 3 15	17° 41'50	3° 29	22° 13	8° 39	14° 15	6° 50	24° 14	16° 44	21° 23	25° 12	9° R44	8° 24	24° 49	29° 38			
MB1	13 7 11	18° 40'29	17° 35	23° 37	9° 49	14° 52	6° 56	24° 10	16° 47	21° 24	25° 12	9° 44	8° 21	24° 56	29° 40			

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	4s19	15s23	2n44	8s28	2n 7	18s13	0n52	20n42	1n17	23n42	0n16	3n48	2n35	6s33	0s44	21n24	0s24	18n29	4s56	7n46	7n52	17n58	14s 5	6n37
S 2	3 56	12 13	1 30	8 51	1 52	18 1	0 48	20 51	1 17	23 42	0 16	3 49	2 35	6 31	0 44	21 24	0 24	18 29	4 56	7 46	7 53	17 58	14 4	6 37
M 3	3 32	8 18	0 10	9 11	1 37	17 48	0 43	20 59	1 17	23 42	0 16	3 51	2 35	6 30	0 44	21 24	0 24	18 29	4 56	7 46	7 54	17 57	14 3	6 38
T 4	3 9	3 56	1s 9	9 30	1 22	17 35	0 39	21 8	1 17	23 42	0 16	3 53	2 35	6 29	0 44	21 24	0 24	18 30	4 56	7 46	7 56	17 57	14 2	6 38
W 5	2 45	0n34	2 23	9 46	1 8	17 21	0 34	21 16	1 17	23 42	0 16	3 55	2 35	6 27	0 44	21 24	0 24	18 30	4 55	7 46	7 57	17 57	14 1	6 38
T 6	2 22	4 56	3 26	9 59	0 53	17 7	0 30	21 24	1 18	23 42	0 16	3 57	2 35	6 26	0 44	21 24	0 24	18 30	4 55	7 47	7 58	17 56	14 0	6 39
F 7	1 58	8 56	4 16	10 11	0 38	16 52	0 25	21 32	1 18	23 41	0 16	3 59	2 35	6 25	0 44	21 24	0 24	18 30	4 55	7 48	7 59	17 56	13 59	6 39
S 8	1 34	12 22	4 15	10 20	0 21	16 37	0 21	21 40	1 18	23 41	0 16	4 1	2 35	6 23	0 44	21 25	0 24	18 30	4 55	7 49	8 0	17 55	13 58	6 40
S 9	1 11	15 8	5 11	10 27	0 11	16 21	0 17	21 48	1 18	23 41	0 17	4 3	2 35	6 22	0 44	21 25	0 24	18 31	4 55	7 49	8 2	17 55	13 57	6 40
M10	0 47	17 8	5 16	10 31	0s 2	16 5	0 13	21 55	1 18	23 41	0 17	4 5	2 35	6 21	0 44	21 25	0 24	18 31	4 55	7 50	8 3	17 54	13 56	6 40
T 11	0 23	18 18	5 6	10 34	0 15	15 48	0 8	22 3	1 19	23 41	0 17	4 7	2 35	6 19	0 44	21 25	0 23	18 31	4 54	7 50	8 4	17 54	13 55	6 41
W12	0n 0	18 39	4 43	10 34	0 27	15 31	0 4	22 10	1 19	23 41	0 17	4 9	2 35	6 18	0 44	21 25	0 23	18 31	4 54	7 50	8 5	17 53	13 54	6 41
T 13	0 24	18 9	4 8	10 32	0 39	15 14	0 0	22 17	1 19	23 41	0 17	4 10	2 35	6 17	0 44	21 25	0 23	18 31	4 54	7 50	8 6	17 53	13 53	6 42
F 14	0 48	16 52	3 23	10 28	0 50	14 56	0s 4	22 24	1 19	23 41	0 17	4 12	2 35	6 16	0 44	21 25	0 23	18 31	4 54	7 49	8 8	17 52	13 52	6 42
S 15	1 11	14 51	2 29	10 22	1 1	14 37	0 8	22 31	1 19	23 41	0 17	4 14	2 35	6 14	0 44	21 25	0 23	18 32	4 54	7 49	8 9	17 52	13 51	6 42
S 16	1 35	12 10	1 27	10 14	1 11	14 18	0 11	22 38	1 19	23 41	0 17	4 16	2 35	6 13	0 44	21 25	0 23	18 32	4 54	7 48	8 10	17 51	13 50	6 43
M17	1 58	8 54	0 21	10 5	1 20	13 59	0 15	22 44	1 19	23 41	0 17	4 18	2 35	6 12	0 44	21 25	0 23	18 32	4 54	7 48	8 11	17 51	13 49	6 43
T 18	2 22	5 12	0n47	9 53	1 29	13 39	0 19	22 50	1 20	23 40	0 17	4 20	2 35	6 10	0 44	21 25	0 23	18 32	4 53	7 48	8 12	17 50	13 48	6 44
W19	2 45	1 11	1 54	9 40	1 38	13 19	0 23	22 57	1 20	23 40	0 17	4 21	2 35	6 9	0 44	21 25	0 23	18 32	4 53	7 48	8 14	17 50	13 47	6 44
T 20	3 8	2s58	2 57	9 25	1 46	12 59	0 26	23 3	1 20	23 40	0 17	4 23	2 35	6 8	0 44	21 25	0 23	18 32	4 53	7 49	8 15	17 49	13 46	6 45
F 21	3 32	7 3</																						

SWISS EPHEMERIS for the year 1421

APRIL 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♇	♈	♉	♊	♋	♌	♍
T 1	13 11 8	19°39'07	1°34	25°3	11°0	15°29	7°3	24°R 6	16°51	21°24	25°13	9°R42	8°18	25°2	29°42			
W 2	13 15 5	20°37'43	15°21	26°31	12°10	16° 5	7°10	24°17 2	16°54	21°24	25°14	9°17 39	8°14	25° 9	29°44			
T 3	13 19 1	21°36'17	28°54	28° 0	13°21	16°42	7°17	23°58	16°56	21°24	25°15	9°33	8°11	25°16	29°45			
F 4	13 22 58	22°34'49	12°11	29°31	14°32	17°19	7°25	23°54	16°59	21°25	25°15	9°26	8° 8	25°22	29°47			
S 5	13 26 54	23°33'19	25°10	1°34	15°43	17°56	7°32	23°50	17° 2	21°25	25°16	9°18	8° 5	25°29	29°49			
S 6	13 30 51	24°31'47	7°15	2°39	16°54	18°32	7°40	23°47	17° 5	21°26	25°17	9°11	8° 2	25°36	29°50			
M 7	13 34 47	25°30'12	20°13	4°16	18° 4	19° 9	7°47	23°43	17° 8	21°26	25°18	9° 4	7°59	25°42	29°52			
T 8	13 38 44	26°28'36	2°22	5°54	19°15	19°46	7°55	23°39	17°11	21°26	25°18	8°59	7°55	25°49	29°53			
W 9	13 42 40	27°26'58	14°20	7°34	20°26	20°23	8° 3	23°36	17°14	21°27	25°19	8°56	7°52	25°56	29°54			
T 10	13 46 37	28°25'18	26°12	9°16	21°37	21° 0	8°11	23°32	17°17	21°28	25°20	8°D55	7°49	26° 2	29°55			
F 11	13 50 34	29°23'35	8°12	10°59	22°48	21°36	8°19	23°29	17°19	21°28	25°21	8°56	7°46	26° 9	29°57			
S 12	13 54 30	0°21'50	19°56	12°44	23°59	22°13	8°28	23°26	17°22	21°29	25°22	8°57	7°43	26°16	29°58			
S 13	13 58 27	1°20'04	17°59	14°31	25°11	22°50	8°36	23°23	17°25	21°29	25°23	8°58	7°39	26°22	29°59			
M14	14 2 23	2°18'15	14°16	16°20	26°22	23°27	8°45	23°19	17°27	21°30	25°24	8°R58	7°36	26°29	29°59			
T 15	14 6 20	3°16'24	26°50	18°11	27°33	24° 4	8°53	23°16	17°30	21°31	25°25	8°56	7°33	26°36	0° 1			
W16	14 10 16	4°14'32	9°45	20° 3	28°44	24°41	9° 2	23°13	17°33	21°32	25°26	8°52	7°30	26°42	0° 1			
T 17	14 14 13	5°12'37	23° 1	21°57	29°55	25°18	9°11	23°11	17°35	21°32	25°27	8°46	7°27	26°49	0° 2			
F 18	14 18 9	6°10'41	6°18	23°53	1°37	25°54	9°20	23° 8	17°38	21°33	25°28	8°38	7°24	26°56	0° 3			
S 19	14 22 6	7° 8'43	20°33	25°51	2°18	26°31	9°29	23° 5	17°40	21°34	25°29	8°29	7°20	27° 2	0° 3			
S 20	14 26 2	8° 6'44	4°42	27°50	3°29	27° 8	9°39	23° 2	17°43	21°35	25°30	8°19	7°17	27° 9	0° 4			
M21	14 29 59	9° 4'43	19° 0	29°51	4°41	27°45	9°48	23° 0	17°45	21°36	25°31	8°11	7°14	27°16	0° 4			
T 22	14 33 56	10° 2'41	3°21	1°54	5°52	28°22	9°57	22°57	17°48	21°37	25°32	8° 4	7°11	27°23	0° 5			
W23	14 37 52	11° 0'37	17°41	3°58	7° 4	28°59	10° 7	22°55	17°50	21°38	25°33	8° 0	7° 8	27°29	0° 5			
T 24	14 41 49	11°58'32	1°57	6° 4	8°15	29°36	10°17	22°53	17°52	21°39	25°34	7°58	7° 5	27°36	0° 5			
F 25	14 45 45	12°56'26	16° 5	8°11	9°27	0°13	10°26	22°51	17°55	21°40	25°35	7°D57	7° 1	27°43	0° 5			
S 26	14 49 42	13°54'18	0°3	10°19	10°38	0°50	10°36	22°49	17°57	21°41	25°36	7°58	6°58	27°49	0° 6			
S 27	14 53 38	14°52'10	13°56	12°29	11°50	1°27	10°46	22°47	17°59	21°42	25°38	7°R58	6°55	27°56	0°R 6			
M28	14 57 35	15°50'00	27°39	14°39	13° 1	2° 3	10°56	22°45	18° 1	21°43	25°39	7°56	6°52	28° 3	0° 5			
T 29	15 1 31	16°47'49	11°12	16°50	14°13	2°40	11° 6	22°43	18° 4	21°44	25°40	7°52	6°49	28° 9	0° 5			
W30	15 5 28	17°45'36	24°35	19°1	15°25	3°17	11°17	22°41	18° 6	21°45	25°41	7°46	6°45	28°16	0° 5			

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7n43	1s 9	1s56	4s22	2s36	8s27	1s 4	24n 3	1n21	23n37	0n18	4n43	2n35	5s53	0s44	21n26	0s23	18n35	4s51	7n57	8n29	17n43	13s35	6n50
W 2	8 5	3n17	3 1	3 48	2 37	8 3	1 7	24 7	1 21	23 37	0 18	4 44	2 35	5 52	0 44	21 26	0 23	18 35	4 51	7 59	8 30	17 42	13 34	6 51
T 3	8 27	7 27	3 55	3 12	2 37	7 38	1 9	24 11	1 21	23 37	0 18	4 46	2 34	5 51	0 44	21 26	0 23	18 35	4 51	8 1	8 31	17 42	13 34	6 51
F 4	8 49	11 11	4 35	2 35	2 37	7 13	1 12	24 15	1 21	23 36	0 18	4 47	2 34	5 50	0 44	21 26	0 23	18 35	4 51	8 3	8 33	17 41	13 33	6 52
S 5	9 10	14 16	4 59	1 57	2 36	6 47	1 14	24 18	1 21	23 36	0 18	4 49	2 34	5 49	0 44	21 25	0 23	18 35	4 50	8 6	8 34	17 41	13 32	6 52
S 6	9 32	16 36	5 8	1 18	2 35	6 22	1 17	24 22	1 21	23 36	0 18	4 50	2 34	5 48	0 44	21 25	0 23	18 35	4 50	8 9	8 35	17 40	13 31	6 53
M 7	9 53	18 7	5 3	0 38	2 33	5 56	1 19	24 25	1 21	23 35	0 18	4 52	2 34	5 47	0 44	21 25	0 23	18 36	4 50	8 12	8 36	17 40	13 31	6 53
T 8	10 15	18 46	4 43	0n 3	2 30	5 30	1 21	24 28	1 21	23 35	0 18	4 53	2 34	5 45	0 44	21 25	0 23	18 36	4 50	8 13	8 37	17 39	13 30	6 53
W 9	10 36	18 34	4 12	0 46	2 27	5 4	1 23	24 31	1 21	23 34	0 18	4 54	2 34	5 44	0 44	21 25	0 23	18 36	4 50	8 15	8 39	17 38	13 29	6 54
T 10	10 57	17 32	3 30	1 29	2 23	4 38	1 25	24 33	1 21	23 34	0 18	4 55	2 34	5 43	0 44	21 25	0 23	18 36	4 50	8 15	8 40	17 38	13 28	6 54
F 11	11 17	15 45	2 39	2 13	2 19	4 12	1 27	24 36	1 21	23 33	0 18	4 57	2 34	5 42	0 44	21 25	0 23	18 36	4 50	8 15	8 41	17 37	13 28	6 55
S 12	11 38	13 17	1 41	2 59	2 15	3 45	1 29	24 38	1 21	23 33	0 19	4 58	2 33	5 41	0 44	21 25	0 23	18 37	4 49	8 14	8 42	17 37	13 27	6 55
S 13	11 58	10 13	0 38	3 45	2 10	3 18	1 30	24 40	1 21	23 32	0 19	4 59	2 33	5 40	0 44	21 25	0 23	18 37	4 49	8 14	8 43	17 36	13 26	6 56
M14	12 19	6 39	0n29	4 32	2 4	2 52	1 32	24 42	1 21	23 32	0 19	5 0	2 33	5 39	0 45	21 25	0 23	18 37	4 49	8 14	8 45	17 36	13 25	6 56
T 15	12 39	2 42	1 35	5 20	1 58	2 25	1 34	24 44	1 21	23 31	0 19	5 1	2 33	5 38	0 45	21 25	0 23	18 37	4 49	8 15	8 46	17 35	13 25	6 57
W16	12 58	1s28	2 37	6 9	1 51	1 58	1 35	24 45	1 21	23 31	0 19	5 2	2 33	5 37	0 45	21 25	0 23	18 37	4 49	8 16	8 47	17 34	13 24	6 57
T 17	13 18	5 40	3 33	6 58	1 44	1 30	1 37	24 47	1 21	23 30	0 19	5 3	2 33	5 36	0 45	21 25	0 23	18 37	4 49	8 18	8 48	17 34	13 23	6 58
F 18	13 37	9 42	4 19	7 48	1 37	1 3	1 38	24 48	1 21	23 30	0 19	5 4	2 33	5 35	0 45	21 25	0 23	18 38	4 49	8 21	8 49	17 33	13 23	6 58
S 19	13 56	13 17	4 50	8 39	1 28	0 36	1 39	24 49	1 21	23 29	0 19	5 5	2 32	5 34	0 45	21 24	0 23	18 38	4 48	8 25	8 50	17 33	13 22	6 59
S 20	14 15	16 10	5 4	9 30	1 20	0 8	1 40	24 50	1 21	23 29	0 19	5 6	2 32	5 33	0 45	21 24	0 23	18 38	4 48	8 28	8 52	17 32	13 22	6 59
M21	14 34	18 5	4 59	10 21	1 11	0n19	1 41	24 50	1 21	23 28	0 19	5 7	2 32	5 32	0 45	21 24	0 22	18 38	4 48	8 32	8 53	17 31	13 21	7 0
T 22	14 52	18 53	4 36	11 12	1 2	0 46	1 42	24 51	1 21	23 27	0 19	5 8	2 32	5 31	0 45	21 24	0 22	18 38	4 48	8 34	8 54	17 31	13 21	7 0
W23	15 11	18 27	3 55	12 4	0 52	1 14	1 43	24 51	1 21	23 27	0 19	5 8	2 32	5 31	0 45	21 24	0 22	18 38	4 48	8 36	8 55	17 30	13 20	7 1
T 24	15 29	16 52	3 0	12 55	0 43	1 41	1 44	24 52	1 21	23 26	0 19	5 9	2 32	5 30	0 45	21 24	0 22	18 39	4 48	8 37	8 56	17 29	13 19	7 1
F 25	15 46	14 15	1 54	13 46	0 32	2 9	1 45	24 51	1 21	23 25	0 19	5 10	2 31	5 29	0 45	21 24	0 22	18 39	4 48	8 37	8 58	17 29	13 19	7 2
S 26	16 4	10 49	0 42	14 37	0 22	2 37	1 45	24 51	1 21	23 24	0 19	5 11	2 31	5 28	0 45	21 24	0 22	18 39	4 48	8 37	8 59	17 28	13 18	7 2
S 27	16 21	6 50	0s32	15 27	0 12	3 4	1 46	24 51	1 21	23 24	0 19	5 11	2 31	5 27	0 45	21 23	0 22	18 39	4 47	8 37	9 0	17 28	13 18	7 3
M28	16 38	2 31	1 43	16 16	0 1	3 32	1 46	24 50	1 21	23 23	0 19	5 12	2 31	5 26	0 45	21 23	0 22	18 39	4 47	8 37	9 1	17 27	13 17	7 3
T 29	16 54	1n53	2 47	17 4	0n 9	3 59	1 47	24 50	1 21	23 22	0 19	5 12	2 31	5 25										

SWISS EPHEMERIS for the year 1421

MAY 1421 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	15 9 25	18°43'22	7°46	21°12	16°37	3°54	11°27	22°R39	18°8	21°46	25°42	7°R36	6°42	28°23	0°R 5	
F 2	15 13 21	19°41'07	20°45	23°23	17°48	4°31	11°37	22°R38	18°10	21°47	25°43	7°R25	6°39	28°29	0°R 5	
S 3	15 17 18	20°38'51	3°13	25°34	19° 0	5° 8	11°48	22°36	18°12	21°49	25°45	7°13	6°36	28°36	0° 4	
S 4	15 21 14	21°36'33	16° 0	27°44	20°12	5°45	11°58	22°35	18°14	21°50	25°46	7° 1	6°33	28°43	0° 4	
M 5	15 25 11	22°34'14	28°17	29°53	21°24	6°22	12° 9	22°34	18°16	21°51	25°47	6°49	6°30	28°49	0° 3	
T 6	15 29 7	23°31'53	10°22	2°11	22°35	6°59	12°20	22°33	18°18	21°53	25°48	6°40	6°26	28°56	0° 3	
W 7	15 33 4	24°29'31	22°18	4° 7	23°47	7°36	12°31	22°32	18°19	21°54	25°50	6°34	6°23	29° 3	0° 2	
T 8	15 37 0	25°27'08	4° 8	6°12	24°59	8°13	12°42	22°31	18°21	21°55	25°51	6°30	6°20	29° 9	0° 1	
F 9	15 40 57	26°24'43	15°57	8°14	26°11	8°50	12°53	22°30	18°23	21°57	25°52	6°28	6°17	29°16	0° 0	
S 10	15 44 54	27°22'16	27°50	10°15	27°23	9°27	13° 4	22°29	18°25	21°58	25°54	6°D28	6°14	29°23	29°59	
S 11	15 48 50	28°19'48	9°53	12°13	28°35	10° 5	13°15	22°29	18°26	22° 0	25°55	6°R28	6°10	29°29	29°59	
M12	15 52 47	29°17'19	22°10	14° 9	29°47	10°42	13°26	22°28	18°28	22° 1	25°56	6°27	6° 7	29°36	29°57	
T 13	15 56 43	0°14'48	4°47	16° 3	0°59	11°19	13°37	22°28	18°30	22° 3	25°58	6°25	6° 4	29°43	29°56	
W14	16 0 40	1°12'16	17°47	17°54	2°11	11°56	13°49	22°27	18°31	22° 4	25°59	6°20	6° 1	29°49	29°55	
T 15	16 4 36	2° 9'43	1°14	19°42	3°23	12°33	14° 0	22°27	18°33	22° 6	26° 0	6°13	5°58	29°56	29°54	
F 16	16 8 33	3° 7'08	15° 6	21°28	4°35	13°10	14°12	22°27	18°34	22° 7	26° 2	6° 3	5°55	0° 3	29°53	
S 17	16 12 29	4° 4'33	29°21	23°11	5°47	13°47	14°23	22°D27	18°35	22° 9	26° 3	5°52	5°51	0° 9	29°51	
S 18	16 16 26	5° 1'57	13°54	24°51	6°59	14°24	14°35	22°27	18°37	22°10	26° 4	5°41	5°48	0°16	29°50	
M19	16 20 23	5°59'19	28°38	26°28	8°11	15° 1	14°47	22°27	18°38	22°12	26° 6	5°30	5°45	0°23	29°49	
T 20	16 24 19	6°56'41	13°24	28° 3	9°23	15°38	14°59	22°27	18°39	22°14	26° 7	5°22	5°42	0°29	29°47	
W21	16 28 16	7°54'03	28° 5	29°35	10°36	16°15	15°10	22°28	18°41	22°15	26° 9	5°16	5°39	0°36	29°45	
T 22	16 32 12	8°51'23	12°35	1° 4	11°48	16°52	15°22	22°28	18°42	22°17	26°10	5°13	5°36	0°43	29°44	
F 23	16 36 9	9°48'44	26°51	2°30	13° 0	17°29	15°34	22°29	18°43	22°19	26°11	5°12	5°32	0°49	29°42	
S 24	16 40 5	10°46'03	10°51	3°53	14°12	18° 7	15°46	22°30	18°44	22°21	26°13	5°12	5°29	0°56	29°40	
S 25	16 44 2	11°43'22	24°35	5°13	15°25	18°44	15°58	22°30	18°45	22°22	26°14	5°12	5°26	1° 3	29°38	
M26	16 47 58	12°40'41	8° 4	6°30	16°37	19°21	16°10	22°31	18°46	22°24	26°16	5°10	5°23	1° 9	29°37	
T 27	16 51 55	13°37'59	21°19	7°44	17°49	19°58	16°23	22°32	18°47	22°26	26°17	5° 6	5°20	1°16	29°35	
W28	16 55 52	14°35'17	4°22	8°55	19° 2	20°35	16°35	22°33	18°48	22°28	26°19	4°59	5°16	1°23	29°33	
T 29	16 59 48	15°32'35	17°13	10° 3	20°14	21°12	16°47	22°35	18°49	22°30	26°20	4°49	5°13	1°29	29°30	
F 30	17 3 45	16°29'52	29°52	11° 8	21°26	21°50	16°59	22°36	18°50	22°32	26°21	4°37	5°10	1°36	29°28	
S 31	17 7 41	17°27'08	12°20	12°10	22°39	22°27	17°12	22°37	18°51	22°33	26°23	4°24	5°7	1°43	29°26	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	17n27	10n 0	4s22	18n36	0n30	4n54	1s47	24n48	1n20	23n21	0n20	5n13	2n30	5s24	0s45	21n23	0s22	18n40	4s47	8n44	9n 5	17n25	13s16	7n 5
F 2	17 43	13 21	4 49	19 20	0 41	5 21	1 47	24 46	1 20	23 20	0 20	5 14	2 30	5 23	0 45	21 23	0 22	18 40	4 47	8 49	9 6	17 24	13 16	7 5
S 3	17 58	16 0	5 1	20 2	0 50	5 48	1 47	24 45	1 20	23 19	0 20	5 14	2 30	5 22	0 45	21 22	0 22	18 40	4 47	8 53	9 7	17 24	13 15	7 6
S 4	18 13	17 50	4 58	20 41	1 0	6 16	1 47	24 43	1 20	23 18	0 20	5 14	2 30	5 22	0 45	21 22	0 22	18 40	4 47	8 58	9 8	17 23	13 15	7 6
M 5	18 28	18 49	4 41	21 19	1 9	6 43	1 47	24 42	1 20	23 17	0 20	5 15	2 29	5 21	0 45	21 22	0 22	18 40	4 47	9 2	9 9	17 22	13 15	7 7
T 6	18 43	18 55	4 12	21 54	1 18	7 10	1 47	24 40	1 20	23 16	0 20	5 15	2 29	5 20	0 45	21 22	0 22	18 40	4 46	9 5	9 11	17 22	13 14	7 7
W 7	18 57	18 11	3 31	22 27	1 26	7 36	1 47	24 37	1 20	23 15	0 20	5 15	2 29	5 19	0 45	21 22	0 22	18 41	4 46	9 8	9 12	17 21	13 14	7 8
T 8	19 11	16 39	2 43	22 57	1 34	8 3	1 47	24 35	1 20	23 14	0 20	5 15	2 29	5 19	0 45	21 21	0 22	18 41	4 46	9 9	9 13	17 20	13 14	7 8
F 9	19 25	14 24	1 47	23 24	1 41	8 29	1 46	24 33	1 20	23 13	0 20	5 16	2 29	5 18	0 45	21 21	0 22	18 41	4 46	9 10	9 14	17 20	13 13	7 9
S 10	19 38	11 33	0 46	23 49	1 47	8 56	1 46	24 30	1 20	23 12	0 20	5 16	2 28	5 17	0 45	21 21	0 22	18 41	4 46	9 10	9 15	17 19	13 13	7 9
S 11	19 51	8 10	0n18	24 11	1 52	9 22	1 45	24 27	1 20	23 11	0 20	5 16	2 28	5 17	0 45	21 21	0 22	18 41	4 46	9 10	9 16	17 18	13 13	7 10
M12	20 4	4 23	1 22	24 31	1 57	9 48	1 44	24 24	1 20	23 10	0 20	5 16	2 28	5 16	0 45	21 21	0 22	18 41	4 46	9 10	9 18	17 18	13 12	7 10
T 13	20 16	0 18	2 24	24 47	2 1	10 14	1 44	24 21	1 20	23 9	0 20	5 16	2 28	5 16	0 45	21 20	0 22	18 41	4 46	9 11	9 19	17 17	13 12	7 11
W14	20 28	3s55	3 20	25 2	2 5	10 39	1 43	24 18	1 19	23 8	0 20	5 16	2 28	5 15	0 45	21 20	0 22	18 42	4 46	9 13	9 20	17 16	13 12	7 11
T 15	20 39	8 4	4 7	25 14	2 7	11 5	1 42	24 14	1 19	23 7	0 20	5 16	2 27	5 14	0 45	21 20	0 22	18 42	4 45	9 16	9 21	17 16	13 12	7 12
F 16	20 51	11 56	4 41	25 23	2 9	11 30	1 41	24 10	1 19	23 6	0 20	5 15	2 27	5 14	0 45	21 20	0 22	18 42	4 45	9 19	9 22	17 15	13 12	7 12
S 17	21 2	15 13	4 59	25 30	2 10	11 55	1 40	24 6	1 19	23 4	0 21	5 15	2 27	5 13	0 46	21 19	0 22	18 42	4 45	9 23	9 23	17 14	13 11	7 12
S 18	21 12	17 37	4 58	25 35	2 10	12 20	1 39	24 2	1 19	23 3	0 21	5 15	2 27	5 13	0 46	21 19	0 22	18 42	4 45	9 27	9 25	17 14	13 11	7 13
M19	21 22	18 53	4 37	25 38	2 10	12 44	1 38	23 58	1 19	23 2	0 21	5 15	2 26	5 12	0 46	21 19	0 22	18 42	4 45	9 31	9 26	17 13	13 11	7 13
T 20	21 32	18 54	3 58	25 38	2 9	13 8	1 37	23 54	1 19	23 1	0 21	5 14	2 26	5 12	0 46	21 19	0 22	18 42	4 45	9 34	9 27	17 12	13 11	7 14
W21	21 42	17 37	3 3	25 37	2 7	13 32	1 36	23 49	1 19	22 59	0 21	5 14	2 26	5 12	0 46	21 18	0 22	18 43	4 45	9 36	9 28	17 12	13 11	7 14
T 22	21 51	15 13	1 57	25 34	2 4	13 55	1 34	23 44	1 19	22 58	0 21	5 14	2 26	5 11	0 46	21 18	0 22	18 43	4 45	9 38	9 29	17 11	13 11	7 15
F 23	21 59	11 55	0 44	25 30	2 0	14 19	1 33	23 40	1 18	22 57	0 21	5 13	2 26	5 11	0 46	21 18	0 22	18 43	4 45	9 38	9 30	17 10	13 11	7 15
S 24	22 8	7 59	0s30	25 23	1																			

SWISS EPHEMERIS for the year 1421

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	17 11 38	18II24'24	24II38	13☾ 8	23♂51	23☾ 4	17☾24	22♃39	18♁51	22☾35	26II24	4°R12	5♃ 4	1♃49	29°R24
M 2	17 15 34	19°21'40	6☾45	14° 2	25° 4	23°41	17°37	22°40	18°52	22°37	26°26	4♃ 0	5° 1	1°56	29☾22
T 3	17 19 31	20°18'55	18°44	14°53	26°16	24°18	17°49	22°42	18°52	22°39	26°27	3°50	4°57	2° 3	29°19
W 4	17 23 27	21°16'10	0♃35	15°41	27°29	24°56	18° 2	22°44	18°53	22°41	26°29	3°43	4°54	2° 9	29°17
T 5	17 27 24	22°13'24	12°23	16°24	28°41	25°33	18°14	22°46	18°53	22°43	26°30	3°39	4°51	2°16	29°15
F 6	17 31 21	23°10'37	24°11	17° 4	29°54	26°10	18°27	22°48	18°54	22°45	26°32	3°37	4°48	2°23	29°12
S 7	17 35 17	24° 7'50	6♃ 3	17°40	1II 6	26°48	18°40	22°50	18°54	22°47	26°33	3°D37	4°45	2°29	29° 9
S 8	17 39 14	25° 5'02	18° 4	18°12	2°19	27°25	18°52	22°52	18°55	22°49	26°35	3°37	4°42	2°36	29° 7
M 9	17 43 10	26° 2'13	0♃20	18°39	3°32	28° 2	19° 5	22°54	18°55	22°51	26°36	3°R37	4°38	2°43	29° 4
T 10	17 47 7	26°59'24	12°55	19° 2	4°44	28°39	19°18	22°56	18°55	22°53	26°38	3°36	4°35	2°49	29° 2
W11	17 51 3	27°56'35	25°55	19°21	5°57	29°17	19°31	22°59	18°55	22°55	26°39	3°33	4°32	2°56	28°59
T 12	17 55 0	28°53'45	9♃22	19°35	7°10	29°54	19°43	23° 1	18°56	22°57	26°40	3°27	4°29	3° 3	28°56
F 13	17 58 56	29°50'55	23°19	19°45	8°22	0♃31	19°56	23° 4	18°56	22°59	26°42	3°20	4°26	3° 9	28°53
S 14	18 2 53	0☾48'04	7♁42	19°50	9°35	1° 9	20° 9	23° 7	18°56	23° 1	26°43	3°11	4°22	3°16	28°51
S 15	18 6 50	1°45'14	22°28	19°R50	10°48	1°46	20°22	23°10	18°R56	23° 4	26°45	3° 2	4°19	3°23	28°48
M16	18 10 46	2°42'23	7☾29	19°46	12° 1	2°23	20°35	23°13	18°56	23° 6	26°46	2°53	4°16	3°29	28°45
T 17	18 14 43	3°39'33	22°35	19°37	13°13	3° 1	20°48	23°16	18°56	23° 8	26°48	2°46	4°13	3°36	28°42
W18	18 18 39	4°36'42	7♁36	19°24	14°26	3°38	21° 1	23°19	18°56	23°10	26°49	2°42	4°10	3°43	28°39
T 19	18 22 36	5°33'52	22°25	19° 6	15°39	4°15	21°14	23°22	18°56	23°12	26°51	2°40	4° 7	3°49	28°36
F 20	18 26 32	6°31'02	6♁56	18°44	16°52	4°53	21°27	23°25	18°55	23°14	26°52	2°D39	4° 3	3°56	28°33
S 21	18 30 29	7°28'12	21° 5	18°18	18° 5	5°30	21°40	23°28	18°55	23°16	26°54	2°40	4° 0	4° 3	28°30
S 22	18 34 26	8°25'23	4♃52	17°49	19°18	6° 8	21°53	23°32	18°55	23°18	26°55	2°R41	3°57	4° 9	28°27
M23	18 38 22	9°22'34	18°19	17°17	20°31	6°45	22° 7	23°35	18°54	23°21	26°57	2°40	3°54	4°16	28°24
T 24	18 42 19	10°19'46	1♃26	16°42	21°44	7°23	22°20	23°39	18°54	23°23	26°58	2°38	3°51	4°23	28°20
W25	18 46 15	11°16'58	14°16	16° 5	22°57	8° 0	22°33	23°43	18°54	23°25	26°59	2°34	3°48	4°29	28°17
T 26	18 50 12	12°14'11	26°52	15°27	24°10	8°38	22°46	23°46	18°53	23°27	27° 1	2°28	3°44	4°36	28°14
F 27	18 54 8	13°11'24	9II17	14°47	25°23	9°15	22°59	23°50	18°53	23°29	27° 2	2°20	3°41	4°43	28°11
S 28	18 58 5	14° 8'38	21°30	14° 8	26°36	9°53	23°13	23°54	18°52	23°32	27° 4	2°11	3°38	4°49	28° 7
S 29	19 2 1	15° 5'52	3☾36	13°29	27°49	10°30	23°26	23°58	18°51	23°34	27° 5	2° 3	3°35	4°56	28° 4
M30	19 5 58	16☾ 3'07	15☾34	12☾51	29II 3	11♃ 8	23☾39	24♃ 2	18♁51	23☾36	27II 7	1♃55	3♃32	5♃ 3	28☾ 1

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 0	18n42	4s42	23n47	0n56	17n32	1s18	22n48	1n17	22n44	0n21	5n 8	2n24	5s 8	0s46
M 2	23 5 19	7 4	14 23	31 0	45 17	51 1	16 22	42 1	17 22	42 0	22 5	7 2	23 5	8 0	46 21
T 3	23 9 18	39 3	34 23	15 0	34 18	10 1	14 22	35 1	17 22	41 0	22 5	6 2	23 5	7 0	46 21
W 4	23 13 17	23 2	46 22	57 0	22 18	29 1	12 22	28 1	17 22	39 0	22 5	5 2	23 5	7 0	46 21
T 5	23 17 15	22 1	50 22	40 0	10 18	47 1	10 22	21 1	17 22	37 0	22 5	4 2	23 5	7 0	46 21
F 6	23 20 12	43 0	50 22	22 0	8 31	19 5	1 8	22 14	1 16	22 36	0 22	5 3	2 23	5 7	0 46
S 7	23 23 9	31 0	13 22	4 0	16 19	22 1	6 22	6 1	16 22	34 0	0 22	5 2	2 22	5 7	0 46
S 8	23 25 5	54 1	16 21	46 0	30 19	39 1	4 21	59 1	16 22	32 0	0 22	5 1	2 22	5 7	0 46
M 9	23 27 1	58 2	17 21	28 0	45 19	55 1	2 21	51 1	16 22	31 0	0 22	5 0	2 22	5 7	0 46
T 10	23 29 2	8 9	3 14	21 11	0 59	20 10	1 0	21 44	1 16	22 29	0 22	4 59	2 22	5 6	0 46
W11	23 30 6	17 4	2 20	53 1	14 20	25 0	5 7	21 36	1 16	22 27	0 22	4 58	2 22	5 6	0 46
T 12	23 30 10	16 4	38 20	36 1	30 20	40 0	5 5	21 28	1 15	22 25	0 22	4 56	2 21	5 6	0 46
F 13	23 31 13	49 5	0 20	19 1	45 20	54 0	5 3	21 19	1 15	22 24	0 22	4 55	2 21	5 6	0 47
S 14	23 31 16	40 5	3 20	3 2	1 21	8 0	5 0	21 11	1 15	22 22	0 22	4 54	2 21	5 6	0 47
S 15	23 30 18	31 4	47 19	47 2	17 21	20 0	4 8	21 3	1 15	22 20	0 22	4 53	2 21	5 6	0 47
M16	23 29 19	7 4	11 19	32 2	32 21	33 0	4 46	20 54	1 15	22 18	0 23	4 51	2 20	5 6	0 47
T 17	23 28 18	22 3	17 19	18 2	48 21	44 0	4 43	20 45	1 14	22 16	0 23	4 50	2 20	5 6	0 47
W18	23 26 16	20 2	10 19	5 3	3 21	56 0	4 41	20 36	1 14	22 14	0 23	4 48	2 20	5 7	0 47
T 19	23 24 13	13 0	55 18	53 3	18 22	6 0	3 8	20 27	1 14	22 12	0 23	4 47	2 20	5 7	0 47
F 20	23 21 9	21 0	52 18	42 3	32 22	16 0	3 6	20 18	1 14	22 10	0 23	4 45	2 20	5 7	0 47
S 21	23 18 5	2 1	37 18	32 3	45 22	25 0	3 3	20 9	1 14	22 8	0 23	4 44	2 19	5 7	0 47
S 22	23 15 0	34 2	44 18	23 3	58 22	34 0	3 1	19 59	1 14	22 6	0 23	4 42	2 19	5 7	0 47
M23	23 11 3	n48	3 40	18 16	4 10	22 42	0 28	19 49	1 13	22 4	0 23	4 41	2 19	5 7	0 47
T 24	23 7 7	53 4	23 18	10 4	20 22	49 0	2 6	19 40	1 13	22 2	0 23	4 39	2 19	5 7	0 47
W25	23 2 11	31 4	52 18	5 4	29 22	56 0	2 3	19 30	1 13	22 0	0 23	4 38	2 19	5 8	0 47
T 26	22 57 14	33 5	6 18	2 6	4 37	23 2	0 21	19 20	1 13	21 58	0 23	4 36	2 18	5 8	0 47
F 27	22 51 16	53 5	5 18	0 4	43 23	8 0	1 8	19 10	1 13	21 56	0 23	4 34	2 18	5 8	0 47
S 28	22 45 18	25 4	50 17	59 4	48 23	12 0	0 16	18 59	1 12	21 54	0 23	4 32	2 18	5 8	0 47
S 29	22 39 19	5 4	22 18	0 4	51 23	16 0	0 13	18 49	1 12	21 52	0 24	4 31	2 18	5 9	0 47
M30	22n33	18n54	3s43	18n 3	4s52	23n20	0s11	18n38	1n12	21n49	0n24	4n29	2n18	5s 9	0s47

Julian Day Number = 2240229.5, Delta T = 289.12 sec
 Ecliptic obliquity = 23°30'43", Nutation = - 0°00'08"
 Ayanamsha: Fagan/Bradley = 16°40'08", Lahiri = 15°47'08" Julian Calendar 1 June 1421 == Greg. Calendar 10 June 1421

SWISS EPHEMERIS for the year 1421

JULY 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	19 9 55	17°02'22	27°26'26	12°R15	0°08'16	11°04'45	23°52'52	24°06'06	18°R50	23°38'38	27°II 8	1°R48	3°02'28	5°02'09	27°R58	
W 2	19 13 51	17°57'38	9°02'14	11°04'41	1°29'29	12°23'23	24°06'06	24°11'11	18°R49	23°40'40	27°9 9	1°04'44	3°25'25	5°16'16	27°R54	
T 3	19 17 48	18°54'54	21°01'11	11°11'11	2°42'42	13°00'00	24°19'19	24°15'15	18°48'48	23°43'43	27°11 11	1°41'41	3°22'22	5°23'23	27°51	
F 4	19 21 44	19°52'11	2°02'49	10°44'44	3°56'56	13°38'38	24°32'32	24°19'19	18°47'47	23°45'45	27°12 12	1°D41	3°19'19	5°29'29	27°48	
S 5	19 25 41	20°49'27	14°43'43	10°22'22	5°09'09	14°16'16	24°45'45	24°24'24	18°47'47	23°47'47	27°13 13	1°41'41	3°16'16	5°36'36	27°44	
S 6	19 29 37	21°46'45	26°45'45	10°04'04	6°22'22	14°53'53	24°59'59	24°29'29	18°46'46	23°49'49	27°15 15	1°43'43	3°13'13	5°43'43	27°41	
M 7	19 33 34	22°44'02	9°01'01	9°51'51	7°36'36	15°31'31	25°12'12	24°33'33	18°45'45	23°52'52	27°16 16	1°44'44	3°09'09	5°49'49	27°38	
T 8	19 37 30	23°41'20	21°35'35	9°44'44	8°49'49	16°09'09	25°25'25	24°38'38	18°44'44	23°54'54	27°18 18	1°R45	3°06'06	5°56'56	27°34	
W 9	19 41 27	24°38'38	4°03'03	9°D42	10°02'02	16°46'46	25°39'39	24°43'43	18°42'42	23°56'56	27°19 19	1°44'44	3°03'03	6°03'03	27°31	
T 10	19 45 24	25°35'57	17°54'54	9°46'46	11°16'16	17°24'24	25°52'52	24°47'47	18°41'41	23°58'58	27°20 20	1°43'43	3°00'00	6°09'09	27°27	
F 11	19 49 20	26°33'17	1°07'45	9°57'57	12°29'29	18°02'02	26°05'05	24°52'52	18°40'40	24°00'00	27°21 21	1°39'39	2°57'57	6°16'16	27°24	
S 12	19 53 17	27°30'37	16°04'04	10°13'13	13°43'43	18°39'39	26°18'18	24°57'57	18°39'39	24°03'03	27°23 23	1°35'35	2°54'54	6°23'23	27°21	
S 13	19 57 13	28°27'57	0°03'49	10°35'35	14°56'56	19°17'17	26°32'32	25°02'02	18°38'38	24°05'05	27°24 24	1°30'30	2°50'50	6°29'29	27°17	
M14	20 1 10	29°25'18	15°52'52	11°04'04	16°10'10	19°55'55	26°45'45	25°08'08	18°36'36	24°07'07	27°25 25	1°26'26	2°47'47	6°36'36	27°14	
T 15	20 5 6	0°02'24	1°05'05	11°39'39	17°24'24	20°33'33	26°58'58	25°13'13	18°35'35	24°09'09	27°27 27	1°22'22	2°44'44	6°43'43	27°10	
W16	20 9 3	1°20'03	16°18'18	12°20'20	18°37'37	21°10'10	27°12'12	25°18'18	18°34'34	24°12'12	27°28 28	1°20'20	2°41'41	6°49'49	27°7	
T 17	20 12 59	2°17'27	1°01'01	13°07'07	19°51'51	21°48'48	27°25'25	25°23'23	18°32'32	24°14'14	27°29 29	1°D19	2°38'38	6°56'56	27°4	
F 18	20 16 56	3°14'52	16°06'06	14°01'01	21°02'02	22°26'26	27°38'38	25°29'29	18°31'31	24°16'16	27°30 30	1°20'20	2°34'34	7°03'03	27°0	
S 19	20 20 53	4°12'18	0°07'29	15°00'00	22°18'18	23°04'04	27°51'51	25°34'34	18°29'29	24°18'18	27°32 32	1°21'21	2°31'31	7°09'09	26°57	
S 20	20 24 49	5°09'46	14°26'26	16°05'05	23°32'32	23°42'42	28°05'05	25°40'40	18°28'28	24°20'20	27°33 33	1°23'23	2°28'28	7°16'16	26°54	
M21	20 28 46	6°07'15	27°57'57	17°16'16	24°46'46	24°20'20	28°18'18	25°45'45	18°26'26	24°23'23	27°34 34	1°24'24	2°25'25	7°23'23	26°50	
T 22	20 32 42	7°04'45	11°05'05	18°32'32	25°59'59	24°57'57	28°31'31	25°51'51	18°25'25	24°25'25	27°35 35	1°R24	2°22'22	7°29'29	26°47	
W23	20 36 39	8°02'16	23°52'52	19°54'54	27°13'13	25°35'35	28°44'44	25°57'57	18°23'23	24°27'27	27°36 36	1°23'23	2°19'19	7°36'36	26°44	
T 24	20 40 35	8°59'50	6°11'21	21°02'02	28°27'27	26°13'13	28°57'57	26°02'02	18°21'21	24°29'29	27°38 38	1°21'21	2°15'15	7°43'43	26°40	
F 25	20 44 32	9°57'24	18°37'37	22°52'52	29°41'41	26°51'51	29°11'11	26°08'08	18°20'20	24°31'31	27°39 39	1°18'18	2°12'12	7°49'49	26°37	
S 26	20 48 28	10°55'00	0°03'41	24°27'27	0°05'55	27°29'29	29°24'24	26°14'14	18°18'18	24°33'33	27°40 40	1°15'15	2°09'09	7°56'56	26°34	
S 27	20 52 25	11°52'37	12°37'37	26°07'07	2°09'09	28°07'07	29°37'37	26°20'20	18°16'16	24°36'36	27°41 41	1°12'12	2°06'06	8°03'03	26°31	
M28	20 56 22	12°50'16	24°29'29	27°51'51	3°23'23	28°45'45	29°50'50	26°26'26	18°14'14	24°38'38	27°42 42	1°09'09	2°03'03	8°09'09	26°28	
T 29	21 0 18	13°47'56	6°02'17	29°38'38	4°37'37	29°23'23	0°03'03	26°32'32	18°13'13	24°40'40	27°43 43	1°07'07	2°00'00	8°16'16	26°24	
W30	21 4 15	14°45'37	18°05'05	1°02'28	5°51'51	0°07'11	0°16'16	26°38'38	18°11'11	24°42'42	27°44 44	1°06'06	1°56'56	8°23'23	26°21	
T 31	21 8 11	15°03'20	29°05'54	3°02'11	7°02'02	0°07'40	0°02'29	26°44'44	18°09'09	24°44'44	27°45 45	1°D 5	1°53'53	8°02'02	26°18	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	22n26	17n53	2s55	18n 6	4s52	23n23	0s 8	18n28	1n12	21n47	0n24	4n27	2n18	5s 9	0s47	21n 5
W 2	22 18 16	5 1 59	18 11	4 50	23 25	0 6	18 17	1 11	21 45	0 24	4 25	2 17	5 10	0 47	21 5	0 21
T 3	22 10 13	37 0 58	18 17	4 46	23 26	0 3	18 6	1 11	21 43	0 24	4 23	2 17	5 10	0 47	21 5	0 21
F 4	22 2 10	36 0n 6	18 25	4 41	23 27	0 1	17 55	1 11	21 40	0 24	4 21	2 17	5 10	0 47	21 4	0 21
S 5	21 54 7	7 1 10	18 33	4 34	23 27	0n 2	17 44	1 11	21 38	0 24	4 19	2 17	5 11	0 47	21 4	0 21
S 6	21 45 3 19	2 12	18 42	4 26	23 26	0 4	17 33	1 11	21 36	0 24	4 17	2 17	5 11	0 47	21 3	0 21
M 7	21 35 0s41	3 9	18 53	4 17	23 25	0 7	17 21	1 10	21 33	0 24	4 15	2 17	5 12	0 47	21 3	0 21
T 8	21 26 4 45	3 59	19 3	4 6	23 22	0 9	17 10	1 10	21 31	0 24	4 13	2 16	5 12	0 47	21 3	0 21
W 9	21 16 8 42	4 38	19 15	3 55	23 20	0 12	16 58	1 10	21 29	0 24	4 11	2 16	5 12	0 47	21 2	0 21
T 10	21 5 8 22	5 3	19 27	3 42	23 16	0 14	16 46	1 10	21 26	0 24	4 9	2 16	5 13	0 47	21 2	0 21
F 11	20 54 15 28	5 12	19 40	3 29	23 12	0 17	16 34	1 9	21 24	0 25	4 7	2 16	5 13	0 48	21 2	0 21
S 12	20 43 17 46	5 2	19 52	3 15	23 7	0 19	16 22	1 9	21 21	0 25	4 5	2 16	5 14	0 48	21 1	0 21
S 13	20 32 18 58	4 33	20 5	3 1	23 2	0 22	16 10	1 9	21 19	0 25	4 3	2 16	5 14	0 48	21 1	0 21
M14	20 20 18 52	3 44	20 18	2 46	22 56	0 24	15 58	1 9	21 17	0 25	4 1	2 15	5 15	0 48	21 0	0 21
T 15	20 8 17 24	2 38	20 30	2 31	22 49	0 26	15 46	1 8	21 14	0 25	3 59	2 15	5 16	0 48	21 0	0 21
W16	19 55 14 42	1 22	20 42	2 15	22 41	0 29	15 34	1 8	21 12	0 25	3 56	2 15	5 16	0 48	21 0	0 21
T 17	19 43 11 2	0s 0	20 53	2 0	22 33	0 31	15 21	1 8	21 9	0 25	3 54	2 15	5 17	0 48	20 59	0 21
F 18	19 29 6 44	1 20	21 3	1 44	22 24	0 33	15 9	1 8	21 7	0 25	3 52	2 15	5 17	0 48	20 59	0 21
S 19	19 16 2 9	2 33	21 12	1 28	22 14	0 35	14 56	1 7	21 4	0 25	3 49	2 15	5 18	0 48	20 59	0 21
S 20	19 2 2n24	3 35	21 20	1 13	22 4	0 37	14 43	1 7	21 1	0 25	3 47	2 15	5 18	0 48	20 58	0 21
M21	18 48 6 41	4 23	21 26	0 58	21 53	0 40	14 30	1 7	20 59	0 25	3 45	2 14	5 19	0 48	20 58	0 21
T 22	18 34 10 31	4 55	21 31	0 43	21 42	0 42	14 17	1 7	20 56	0 26	3 42	2 14	5 20	0 48	20 57	0 21
W23	18 19 13 45	5 12	21 34	0 28	21 30	0 44	14 4	1 6	20 54	0 26	3 40	2 14	5 20	0 48	20 57	0 21
T 24	18 4 16 17	5 14	21 35	0 14	21 17	0 46	13 51	1 6	20 51	0 26	3 38	2 14	5 21	0 48	20 57	0 21
F 25	17 48 18 2	5 1 21	33 0	1 21	3 0	0 48	13 38	1 6	20 48	0 26	3 35	2 14	5 22	0 48	20 56	0 21
S 26	17 33 18 56	4 35	21 29	0n12	20 49	0 50	13 24	1 6	20 46	0 26	3 33	2 14	5 23	0 48	20 56	0 21
S 27	17 17 18 59	3 57	21 23	0 24	20 35	0 52	13 11	1 5	20 43	0 26	3 30	2 14	5 23	0 48	20 56	0 21
M28	17 1 18 11	3 9	21 14	0 35	20 20	0 54	12 57	1 5	20 40	0 26	3 28	2 13	5 24	0 48	20 55	0 21
T 29	16 44 16 37	2 13	21 2	0 46	20 4	0 55	12 44	1 5	20 38	0 26	3 25	2 13	5 25	0 48	20 55	0 21
W30	16 27 14 19	1 11	20 48	0 56	19 47	0 57	12 30	1 4	20 35	0 26	3 23	2 13	5 25	0 48	20 54	0 21
T 31	16n10	11n26	0s 7	20n31	1n 5	19n30	0n59	12n16	1n 4	20n32	0n26	3n20	2n13	5s26	0s48	20n54

Julian Day Number = 2240259.5, Delta T = 289.02 sec

Ecliptic obliquity = 23°30'43, Nutation = - 0°00'07

Ayanamsha: Fagan/Bradley = 16°40'12, Lahiri = 15°47'12 Julian Calendar 1 July 1421 == Greg. Calendar 10 July 1421

SWISS EPHEMERIS for the year 1421

SEPTEMBER 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	23 14 21	16 ^m 43'18	27 ^h 57	2 ^h 23	16 ^m 46	21 ^m 10	7 ^h 7	0 ^h 21	16 ^h R57	25 ^h 54	28 ^h II 9	1°R 5	0 ^m 11	12 ^h 2	25°R 0
T 2	23 18 17	17°41'56	10 ^m 45	3°58	18° 1	21°49	7°18	0°28	16 ^h X55	25°45	28°10	1 ^m 2	0° 8	12° 9	24°59
W 3	23 22 14	18°40'35	23°49	5°31	19°16	22°28	7°30	0°35	16°52	25°47	28°10	1° 0	0° 5	12°15	24°57
T 4	23 26 11	19°39'17	7 ^m 9	7° 3	20°31	23° 7	7°41	0°43	16°50	25°48	28°11	0°59	0° 2	12°22	24°56
F 5	23 30 7	20°38'00	20°46	8°35	21°45	23°46	7°52	0°50	16°47	25°50	28°11	0°D59	29 ^m 59	12°29	24°54
S 6	23 34 4	21°36'44	4 ^m 43	10° 5	23° 0	24°25	8° 4	0°57	16°45	25°51	28°11	0°59	29°56	12°35	24°53
S 7	23 38 0	22°35'31	18°57	11°34	24°15	25° 4	8°15	1° 4	16°43	25°53	28°12	1° 0	29°52	12°42	24°52
M 8	23 41 57	23°34'19	3 ^m 28	13° 3	25°30	25°43	8°26	1°12	16°40	25°54	28°12	1° 2	29°49	12°49	24°51
T 9	23 45 53	24°33'09	18°11	14°30	26°45	26°22	8°37	1°19	16°38	25°55	28°12	1° 3	29°46	12°55	24°49
W10	23 49 50	25°32'01	3 ^m 1	15°57	28° 0	27° 1	8°48	1°26	16°36	25°57	28°12	1°R 3	29°43	13° 2	24°48
T 11	23 53 46	26°30'54	17°52	17°22	29°14	27°41	8°59	1°34	16°33	25°58	28°13	1° 2	29°40	13° 9	24°47
F 12	23 57 43	27°29'50	2 ^m 36	18°46	0 ^h 29	28°20	9° 9	1°41	16°31	25°59	28°13	1° 0	29°36	13°15	24°47
S 13	0 1 39	28°28'48	17° 6	20° 9	1°44	28°59	9°20	1°48	16°28	26° 0	28°13	0°57	29°33	13°22	24°46
S 14	0 5 36	29°27'47	1 ^h 14	21°31	2°59	29°38	9°31	1°56	16°26	26° 2	28°13	0°53	29°30	13°29	24°45
M15	0 9 33	0 ^h 26'49	14°59	22°52	4°14	0 ^h 17	9°41	2° 3	16°24	26° 3	28°13	0°48	29°27	13°35	24°44
T 16	0 13 29	1°25'54	28°18	24°12	5°29	0°57	9°52	2°11	16°21	26° 4	28°13	0°44	29°24	13°42	24°44
W17	0 17 26	2°25'00	11 ^h 11	25°31	6°44	1°36	10° 2	2°18	16°19	26° 5	28°13	0°41	29°21	13°49	24°43
T 18	0 21 22	3°24'09	23°44	26°48	7°59	2°15	10°12	2°25	16°17	26° 6	28°13	0°39	29°17	13°55	24°43
F 19	0 25 19	4°23'21	5 ^h 57	28° 4	9°13	2°55	10°22	2°33	16°15	26° 7	28°14	0°D39	29°14	14° 2	24°42
S 20	0 29 15	5°22'35	17°57	29°18	10°28	3°34	10°33	2°40	16°12	26° 8	28°R14	0°39	29°11	14° 9	24°42
S 21	0 33 12	6°21'51	29°48	0 ^h 31	11°43	4°14	10°42	2°47	16°10	26° 9	28°14	0°41	29° 8	14°15	24°42
M22	0 37 8	7°21'09	11 ^h 53	1°42	12°58	4°53	10°52	2°55	16° 8	26°10	28°13	0°43	29° 5	14°22	24°41
T 23	0 41 5	8°20'30	23°24	2°51	14°13	5°33	11° 2	3° 2	16° 6	26°11	28°13	0°44	29° 2	14°28	24°41
W24	0 45 2	9°19'52	5 ^m 18	3°59	15°28	6°12	11°12	3° 9	16° 4	26°12	28°13	0°R44	28°58	14°35	24°D41
T 25	0 48 58	10°19'17	17°21	5° 4	16°43	6°52	11°21	3°17	16° 2	26°13	28°13	0°43	28°55	14°42	24°41
F 26	0 52 55	11°18'45	29°35	6° 7	17°58	7°31	11°31	3°24	15°59	26°14	28°13	0°39	28°52	14°48	24°41
S 27	0 56 51	12°18'14	12 ^h 2	7° 8	19°13	8°11	11°40	3°31	15°57	26°15	28°13	0°34	28°49	14°55	24°41
S 28	1 0 48	13°17'45	24°43	8° 6	20°28	8°51	11°49	3°39	15°55	26°16	28°13	0°27	28°46	15° 2	24°42
M29	1 4 44	14°17'19	7 ^m 38	9° 0	21°43	9°31	11°58	3°46	15°53	26°16	28°13	0°19	28°42	15° 8	24°42
T 30	1 8 41	15°16'54	20 ^m 46	9 ^m 52	22 ^h 58	10°10	12 ^h 7	3°53	15°51	26°17	28°II12	0 ^m 11	28°39	15°15	24°42

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	5n15	6s39	4n25	0s52	0n 5	6n32	1n24	4n20	0n54	19n 2	0n30	1n52	2n11	5s55	0s48	20n43	0s21	18n46	4s44	11n 8	11n26	15n42	14s 5	7n13
T 2	4 53	10 24	4 57	1 36	0s 2	6 3	1 24	4 4	0 54	19 0	0 31	1 49	2 11	5 56	0 48	20 43	0 21	18 45	4 45	11 8	11 27	15 41	14 6	7 13
W 3	4 30	13 43	5 13	2 20	0 9	5 33	1 24	3 49	0 53	18 57	0 31	1 46	2 11	5 56	0 48	20 43	0 21	18 45	4 45	11 9	11 29	15 39	14 7	7 12
T 4	4 7	16 24	5 14	3 4	0 17	5 3	1 24	3 33	0 53	18 54	0 31	1 43	2 11	5 57	0 48	20 43	0 21	18 45	4 45	11 9	11 30	15 37	14 7	7 12
F 5	3 43	18 15	4 57	3 47	0 24	4 33	1 23	3 17	0 52	18 51	0 31	1 40	2 11	5 58	0 48	20 42	0 21	18 45	4 45	11 10	11 31	15 37	14 8	7 12
S 6	3 20	19 3	4 23	4 29	0 32	4 3	1 23	3 1	0 52	18 48	0 31	1 37	2 11	5 59	0 48	20 42	0 21	18 45	4 45	11 9	11 32	15 36	14 9	7 11
S 7	2 57	18 40	3 32	5 11	0 39	3 33	1 22	2 45	0 52	18 46	0 31	1 34	2 11	6 0	0 48	20 42	0 21	18 45	4 45	11 9	11 33	15 35	14 9	7 11
M 8	2 34	17 4	2 26	5 53	0 47	3 2	1 21	2 29	0 51	18 43	0 31	1 31	2 11	6 1	0 48	20 41	0 21	18 45	4 45	11 9	11 34	15 34	14 10	7 10
T 9	2 10	14 19	1 10	6 34	0 54	2 32	1 21	2 14	0 51	18 40	0 32	1 28	2 11	6 2	0 48	20 41	0 21	18 45	4 45	11 8	11 35	15 33	14 11	7 10
W10	1 47	10 36	0s11	7 14	1 2	2 1	1 20	1 58	0 51	18 37	0 32	1 26	2 11	6 3	0 48	20 41	0 21	18 45	4 45	11 8	11 36	15 32	14 11	7 9
T 11	1 23	6 13	1 31	7 54	1 9	1 31	1 19	1 42	0 50	18 35	0 32	1 23	2 11	6 4	0 48	20 41	0 21	18 45	4 45	11 8	11 38	15 31	14 12	7 9
F 12	1 0	1 29	2 45	8 33	1 17	1 0	1 18	1 26	0 50	18 32	0 32	1 20	2 11	6 5	0 48	20 41	0 21	18 45	4 45	11 9	11 39	15 30	14 13	7 8
S 13	0 36	3n15	3 47	9 12	1 24	0 30	1 17	1 10	0 49	18 29	0 32	1 17	2 11	6 6	0 48	20 40	0 21	18 45	4 45	11 10	11 40	15 29	14 13	7 8
S 14	0 13	7 41	4 33	9 50	1 31	0s 1	1 16	0 54	0 49	18 27	0 32	1 14	2 11	6 7	0 48	20 40	0 21	18 45	4 45	11 12	11 41	15 28	14 14	7 7
M15	0s11	11 34	5 2	10 27	1 39	0 32	1 15	0 38	0 49	18 24	0 32	1 11	2 11	6 8	0 48	20 40	0 21	18 45	4 45	11 13	11 42	15 27	14 14	7 7
T 16	0 34	14 45	5 13	11 3	1 46	1 3	1 14	0 22	0 48	18 21	0 33	1 8	2 11	6 8	0 48	20 40	0 21	18 45	4 45	11 15	11 43	15 26	14 15	7 6
W17	0 58	17 6	5 8	11 39	1 53	1 34	1 13	0 6	0 48	18 19	0 33	1 5	2 11	6 9	0 48	20 39	0 21	18 45	4 45	11 16	11 44	15 25	14 16	7 6
T 18	1 21	18 34	4 48	12 13	2 0	2 4	1 12	0s10	0 48	18 16	0 33	1 2	2 11	6 10	0 48	20 39	0 21	18 45	4 45	11 17	11 45	15 23	14 16	7 5
F 19	1 45	19 7	4 16	12 47	2 6	2 35	1 11	0 26	0 47	18 14	0 33	0 59	2 11	6 11	0 48	20 39	0 21	18 45	4 45	11 17	11 46	15 22	14 17	7 5
S 20	2 9	18 47	3 33	13 20	2 13	3 6	1 9	0 43	0 47	18 11	0 33	0 56	2 11	6 12	0 48	20 39	0 21	18 44	4 46	11 16	11 48	15 21	14 17	7 4
S 21	2 32	17 38	2 41	13 52	2 19	3 36	1 8	0 59	0 46	18 8	0 33	0 54	2 11	6 13	0 48	20 39	0 21	18 44	4 46	11 16	11 49	15 20	14 18	7 4
M22	2 56	15 43	1 43	14 22	2 25	4 7	1 7	1 15	0 46	18 6	0 34	0 51	2 11	6 14	0 48	20 38	0 21	18 44	4 46	11 15	11 50	15 19	14 18	7 3
T 23	3 19	13 8	0 40	14 52	2 31	4 38	1 5	1 31	0 46	18 3	0 34	0 48	2 11	6 14	0 48	20 38	0 21	18 44	4 46	11 15	11 51	15 18	14 19	7 3
W24	3 43	9 59	0n25	15 20	2 37	5 8	1 3	1 47	0 45	18 1	0 34	0 45	2 11	6 15	0 48	20 38	0 21	18 44	4 46	11 15	11 52	15 17	14 19	7 2
T 25	4 6	6 23	1 29	15 48	2 42	5 38	1 2	2 3	0 45	17 58	0 34	0 42	2 11	6 16	0 48	20 38	0 21	18 44	4 46	11 15	11 53	15 16	14 20	7 2
F 26	4 29	2 28	2 30	16 14	2 47	6 9	1 0	2 19	0 44	17 56	0 34	0 39	2 11	6 17	0 48	20 38	0 21	18 44	4 46	11 17	11 54	15 15	14 20	7 1
S 27	4 53	1s37	3 25	16 38	2 52	6 39	0 59	2 35	0 44	17 53	0 34	0 36	2 11	6 18	0 48	20 38	0 21	18 44	4 46	11 18	11 55	15 14	14 21	7 1
S 28	5 16	5 43	4 11	17 1	2 56	7 9	0 57	2 51	0 43	17 51	0 35	0 33	2 11	6 18	0 48	20 37	0 21	18 44	4 46	11 21	11 56	15 12	14 21	7 0
M29	5 39	9 36	4 45	17 23	3 0	7 38	0 55	3 7	0 43	17 49	0 35	0 31	2 12	6 19										

SWISS EPHEMERIS for the year 1421

OCTOBER 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁
W 1	1 12 37	16♁16'31	4♂ 7	10♁40	24♁13	10♁50	12♁16	4♁ 0	15°R49	26♁18	28°R12	0°R 4	28♁36	15♁22	24♁43
T 2	1 16 34	17°16'10	17♁0	11°24	25°28	11°30	12°25	4° 8	15°K47	26°18	28°R12	29♁59	28°33	15°28	24°43
F 3	1 20 31	18°15'51	1♂23	12° 4	26°43	12°10	12°34	4°15	15°45	26°19	28°12	29°55	28°30	15°35	24°44
S 4	1 24 27	19°15'34	15°17	12°39	27°58	12°50	12°42	4°22	15°43	26°20	28°11	29°D54	28°27	15°42	24°45
S 5	1 28 24	20°15'18	29°20	13° 8	29°13	13°29	12°51	4°29	15°42	26°20	28°11	29°54	28°23	15°48	24°45
M 6	1 32 20	21°15'04	13♁32	13°32	0♁28	14° 9	12°59	4°37	15°40	26°21	28°11	29°55	28°20	15°55	24°46
T 7	1 36 17	22°14'52	27°52	13°49	1°43	14°49	13° 7	4°44	15°38	26°21	28°10	29°R56	28°17	16° 2	24°47
W 8	1 40 13	23°14'41	12♁17	13°59	2°58	15°29	13°15	4°51	15°36	26°22	28°10	29°55	28°14	16° 8	24°48
T 9	1 44 10	24°14'32	26°43	14°R 1	4°14	16° 9	13°23	4°58	15°34	26°22	28° 9	29°52	28°11	16°15	24°49
F 10	1 48 6	25°14'25	11♀ 5	13°56	5°29	16°50	13°31	5° 5	15°33	26°22	28° 9	29°47	28° 8	16°21	24°50
S 11	1 52 3	26°14'20	25°18	13°42	6°44	17°30	13°38	5°12	15°31	26°23	28° 8	29°39	28° 4	16°28	24°51
S 12	1 55 59	27°14'17	9♁16	13°18	7°59	18°10	13°46	5°19	15°29	26°23	28° 8	29°30	28° 1	16°35	24°52
M13	1 59 56	28°14'15	22°55	12°45	9°14	18°50	13°53	5°26	15°28	26°23	28° 7	29°20	27°58	16°41	24°54
T 14	2 3 53	29°14'16	6♁12	12° 3	10°29	19°30	14° 0	5°33	15°26	26°24	28° 7	29°10	27°55	16°48	24°55
W15	2 7 49	0♁14'19	19° 6	11°12	11°44	20°10	14° 7	5°40	15°25	26°24	28° 6	29° 1	27°52	16°55	24°56
T 16	2 11 46	1°14'24	1♁39	10°12	12°59	20°51	14°14	5°47	15°23	26°24	28° 6	28°55	27°48	17° 1	24°58
F 17	2 15 42	2°14'31	13°53	9° 5	14°14	21°31	14°21	5°54	15°22	26°24	28° 5	28°51	27°45	17° 8	24°59
S 18	2 19 39	3°14'41	25°54	7°52	15°29	22°11	14°28	6° 1	15°21	26°24	28° 5	28°49	27°42	17°15	25° 1
S 19	2 23 35	4°14'52	7♁45	6°35	16°44	22°52	14°34	6° 7	15°19	26°24	28° 4	28°D49	27°39	17°21	25° 3
M20	2 27 32	5°15'05	19°33	5°16	17°59	23°32	14°41	6°14	15°18	26°25	28° 3	28°49	27°36	17°28	25° 5
T 21	2 31 28	6°15'21	1♁22	3°58	19°14	24°13	14°47	6°21	15°17	26°R25	28° 3	28°R49	27°33	17°35	25° 6
W22	2 35 25	7°15'38	13°19	2°43	20°29	24°53	14°53	6°28	15°15	26°25	28° 2	28°48	27°29	17°41	25° 8
T 23	2 39 22	8°15'57	25°27	1°33	21°44	25°34	14°59	6°34	15°14	26°24	28° 1	28°45	27°26	17°48	25°10
F 24	2 43 18	9°16'19	7♁51	0°32	22°59	26°14	15° 4	6°41	15°13	26°24	28° 0	28°39	27°23	17°55	25°12
S 25	2 47 15	10°16'42	20°32	29♁39	24°14	26°55	15°10	6°47	15°12	26°24	28° 0	28°30	27°20	18° 1	25°14
S 26	2 51 11	11°17'07	3♁32	28°58	25°29	27°36	15°15	6°54	15°11	26°24	27°59	28°19	27°17	18° 8	25°17
M27	2 55 8	12°17'34	16°50	28°28	26°44	28°16	15°21	7° 0	15°10	26°24	27°58	28° 7	27°13	18°14	25°19
T 28	2 59 4	13°18'02	0♁24	28° 9	27°59	28°57	15°26	7° 7	15° 9	26°24	27°57	27°54	27°10	18°21	25°21
W29	3 3 1	14°18'32	14°11	28°D 2	29°14	29°38	15°30	7°13	15° 8	26°23	27°57	27°43	27° 7	18°28	25°23
T 30	3 6 57	15°19'04	28° 6	28° 7	0♁29	0♁18	15°35	7°20	15° 7	26°23	27°56	27°34	27° 4	18°34	25°26
F 31	3 10 54	16°19'36	12♁ 8	28♁22	1♁44	0♁59	15°40	7♁26	15°K 6	26♁23	27°R55	27°R27	27°R 1	18°R41	25°R28

Day	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	6s25	16s 0	5n 8	18s 0	3s 6	8s37	0n51	3s39	0n42	17n44	0n35	0n25	2n12	6s21	0s48	20n37	0s21	18n44	4s46	11n29	12n 0	15n 9	14s23	6n59
T 2	6 48	18 4	4 54	18 16	3 8	9 7	0 49	3 55	0 42	17 42	0 35	0 22	2 12	6 21	0 48	20 37	0 21	18 44	4 46	11 31	12 1	15 8	14 23	6 58
F 3	7 11	19 7	4 23	18 30	3 9	9 36	0 47	4 11	0 41	17 39	0 36	0 19	2 12	6 22	0 48	20 37	0 21	18 44	4 46	11 32	12 2	15 7	14 23	6 58
S 4	7 34	19 2	3 37	18 41	3 9	10 5	0 45	4 27	0 41	17 37	0 36	0 16	2 12	6 23	0 48	20 37	0 21	18 44	4 46	11 33	12 3	15 6	14 24	6 57
S 5	7 56	17 47	2 37	18 50	3 9	10 33	0 43	4 43	0 40	17 35	0 36	0 14	2 12	6 24	0 48	20 37	0 21	18 44	4 46	11 32	12 4	15 4	14 24	6 57
M 6	8 19	15 25	1 27	18 56	3 8	11 2	0 41	4 59	0 40	17 33	0 36	0 11	2 12	6 24	0 48	20 36	0 21	18 44	4 46	11 32	12 5	15 3	14 25	6 56
T 7	8 41	12 5	0 11	18 59	3 5	11 30	0 39	5 15	0 40	17 31	0 36	0 8	2 12	6 25	0 48	20 36	0 21	18 44	4 46	11 32	12 6	15 2	14 25	6 56
W 8	9 4	7 59	1s 6	18 59	3 2	11 58	0 37	5 31	0 39	17 29	0 37	0 5	2 12	6 26	0 48	20 36	0 21	18 43	4 47	11 32	12 7	15 1	14 25	6 55
T 9	9 26	3 26	2 19	18 55	2 57	12 25	0 35	5 47	0 39	17 26	0 37	0 3	2 12	6 26	0 48	20 36	0 21	18 43	4 47	11 33	12 9	15 0	14 26	6 55
F 10	9 48	1n18	3 22	18 47	2 51	12 52	0 33	6 3	0 38	17 24	0 37	0s 0	2 12	6 27	0 48	20 36	0 21	18 43	4 47	11 35	12 10	14 59	14 26	6 54
S 11	10 10	5 54	4 12	18 35	2 43	13 19	0 31	6 18	0 38	17 22	0 37	0 3	2 13	6 28	0 48	20 36	0 21	18 43	4 47	11 38	12 11	14 58	14 26	6 54
S 12	10 31	10 6	4 46	18 19	2 34	13 46	0 28	6 34	0 37	17 20	0 37	0 5	2 13	6 28	0 48	20 36	0 21	18 43	4 47	11 41	12 12	14 56	14 26	6 53
M13	10 53	13 40	5 3	17 59	2 23	14 12	0 26	6 50	0 37	17 18	0 37	0 8	2 13	6 29	0 48	20 36	0 21	18 43	4 47	11 45	12 13	14 55	14 27	6 53
T 14	11 14	16 26	5 2	17 33	2 10	14 38	0 24	7 6	0 36	17 17	0 38	0 11	2 13	6 29	0 48	20 36	0 21	18 43	4 47	11 48	12 14	14 54	14 27	6 52
W15	11 35	18 18	4 46	17 4	1 55	15 4	0 21	7 21	0 36	17 15	0 38	0 13	2 13	6 30	0 48	20 36	0 21	18 43	4 47	11 51	12 15	14 53	14 27	6 52
T 16	11 56	19 13	4 17	16 29	1 39	15 29	0 19	7 37	0 35	17 13	0 38	0 16	2 13	6 30	0 48	20 36	0 21	18 43	4 47	11 53	12 16	14 52	14 27	6 51
F 17	12 17	19 12	3 36	15 51	1 21	15 54	0 17	7 52	0 35	17 11	0 38	0 19	2 13	6 31	0 48	20 36	0 21	18 43	4 47	11 55	12 17	14 50	14 28	6 51
S 18	12 38	18 18	2 46	15 9	1 2	16 18	0 14	8 8	0 34	17 9	0 38	0 21	2 13	6 31	0 48	20 36	0 21	18 43	4 47	11 55	12 18	14 49	14 28	6 50
S 19	12 58	16 37	1 50	14 25	0 42	16 42	0 12	8 23	0 34	17 8	0 39	0 24	2 13	6 32	0 47	20 36	0 21	18 43	4 47	11 55	12 20	14 48	14 28	6 50
M20	13 19	14 13	0 49	13 39	0 22	17 6	0 9	8 39	0 34	17 6	0 39	0 26	2 14	6 32	0 47	20 36	0 21	18 43	4 47	11 55	12 21	14 47	14 28	6 49
T 21	13 39	11 14	0n14	12 54	0 1 17	29 0	7 8	54	0 33	17 4	0 39	0 29	2 14	6 33	0 47	20 36	0 21	18 43	4 47	11 55	12 22	14 46	14 28	6 49
W22	13 59	7 45	1 17	12 9	0n20	17 51	0 4	9 10	0 33	17 3	0 39	0 32	2 14	6 33	0 47	20 36	0 21	18 43	4 47	11 56	12 23	14 45	14 28	6 48
T 23	14 18	3 54	2 17	11 26	0 39	18 13	0 2	9 25	0 32	17 1	0 40	0 34	2 14	6 34	0 47	20 36	0 21	18 43	4 47	11 57	12 24	14 43	14 29	6 48
F 24	14 38	0s11	3 12	10 48	0 57	18 35	0s 1	9 40	0 32	17 0	0 40	0 37	2 14	6 34	0 47	20 36	0 21	18 43	4 47	11 59	12 25	14 42	14 29	6 47
S 25	14 57	4 22	3 59	10 14	1 14	18 56	0 3	9 55	0 31	16 58	0 40	0 39	2 14	6 35	0 47	20 36	0 21	18 43	4 47	12 2	12 26	14 41	14 29	6 47
S 26	15 16	8 26	4 34	9 45	1 29	19 17	0 6	10 10	0 31	16 57	0 40	0 41	2 14	6 35	0 47	20 36	0 21	18 43	4 47	12 6	12 27	14 40	14 29	6 46
M27	15 34	12 12	4 56	9 22	1 43	19 37	0 8	10 25	0 30	16 56	0 40	0 44	2 14	6 35	0 47	20 36	0 21	18 43	4 47	12 10	12 28	14 39	14 29	6 46
T 28	15 53	15 23	5 1	9 5	1 54	19 57	0 11	10 40	0 30	16 54	0 41	0 46	2 15	6 36	0 47	20 36	0 21	18 43	4 47	12 14	12 29	14 37		

SWISS EPHEMERIS for the year 1421

NOVEMBER 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	3 14 51	17M20'11	26☾12	28♂46	2♂59	1M40	15♂44	7♂32	15°R 6	26°R23	27°R54	27°R23	26♂58	18♂48	25☾31	
S 2	3 18 47	18°20'46	10♂17	29°20	4°14	2°21	15°48	7°38	15°R 5	26♂22	27♂53	27♂22	26°54	18°54	25°33	
M 3	3 22 44	19°21'23	24°22	0M 1	5°30	3° 2	15°52	7°44	15° 4	26°22	27°52	27°22	26°51	19° 1	25°36	
T 4	3 26 40	20°22'00	8♂26	0°50	6°45	3°43	15°56	7°51	15° 4	26°21	27°51	27°22	26°48	19° 8	25°39	
W 5	3 30 37	21°22'39	22°29	1°44	8° 0	4°24	16° 0	7°57	15° 3	26°21	27°50	27°20	26°45	19°14	25°42	
T 6	3 34 33	22°23'19	6♂29	2°45	9°15	5° 5	16° 3	8° 3	15° 3	26°20	27°49	27°16	26°42	19°21	25°44	
F 7	3 38 30	23°24'00	20°24	3°50	10°30	5°46	16° 7	8° 8	15° 2	26°20	27°48	27° 8	26°39	19°28	25°47	
S 8	3 42 26	24°24'42	4♂11	4°59	11°45	6°27	16°10	8°14	15° 2	26°19	27°48	26°58	26°35	19°34	25°50	
S 9	3 46 23	25°25'26	17°47	6°11	13° 0	7° 8	16°13	8°20	15° 1	26°18	27°47	26°46	26°32	19°41	25°53	
M10	3 50 20	26°26'11	1♂ 8	7°27	14°15	7°50	16°16	8°26	15° 1	26°18	27°46	26°32	26°29	19°48	25°56	
T 11	3 54 16	27°26'57	14°13	8°45	15°30	8°31	16°18	8°31	15° 1	26°17	27°45	26°19	26°26	19°54	25°59	
W12	3 58 13	28°27'45	27° 0	10° 5	16°45	9°12	16°21	8°37	15° 1	26°16	27°43	26° 7	26°23	20° 1	26° 3	
T 13	4 2 9	29°28'34	9♂28	11°28	17°59	9°53	16°23	8°43	15° 0	26°16	27°42	25°58	26°19	20° 7	26° 6	
F 14	4 6 6	0♂29'24	21°41	12°52	19°14	10°35	16°25	8°48	15° 0	26°15	27°41	25°51	26°16	20°14	26° 9	
S 15	4 10 2	1°30'16	3♂41	14°17	20°29	11°16	16°27	8°54	15° 0	26°14	27°40	25°47	26°13	20°21	26°12	
S 16	4 13 59	2°31'09	15°32	15°43	21°44	11°57	16°28	8°59	15°D 0	26°13	27°39	25°45	26°10	20°27	26°16	
M17	4 17 55	3°32'04	27°19	17°11	22°59	12°39	16°30	9° 4	15° 0	26°12	27°38	25°45	26° 7	20°34	26°19	
T 18	4 21 52	4°32'59	9♂ 8	18°39	24°14	13°20	16°31	9° 9	15° 0	26°12	27°37	25°45	26° 4	20°41	26°23	
W19	4 25 49	5°33'56	21° 5	20° 8	25°29	14° 2	16°32	9°15	15° 0	26°11	27°36	25°44	26° 0	20°47	26°26	
T 20	4 29 45	6°34'55	3♂14	21°37	26°44	14°43	16°33	9°20	15° 1	26°10	27°35	25°41	25°57	20°54	26°30	
F 21	4 33 42	7°35'54	15°41	23° 7	27°59	15°25	16°34	9°25	15° 1	26° 9	27°34	25°36	25°54	21° 1	26°33	
S 22	4 37 38	8°36'55	28°30	24°38	29°14	16° 7	16°34	9°30	15° 1	26° 8	27°33	25°28	25°51	21° 7	26°37	
S 23	4 41 35	9°37'56	11M41	26° 9	0♂29	16°48	16°34	9°34	15° 2	26° 7	27°31	25°17	25°48	21°14	26°41	
M24	4 45 31	10°38'59	25°16	27°40	1°44	17°30	16°R35	9°39	15° 2	26° 6	27°30	25° 5	25°45	21°21	26°45	
T 25	4 49 28	11°40'03	9♂12	29°11	2°59	18°12	16°34	9°44	15° 2	26° 5	27°29	24°53	25°41	21°27	26°48	
W26	4 53 24	12°41'08	23°25	0♂43	4°14	18°54	16°34	9°48	15° 3	26° 3	27°28	24°42	25°38	21°34	26°52	
T 27	4 57 21	13°42'13	7♂49	2°15	5°29	19°35	16°34	9°53	15° 4	26° 2	27°27	24°32	25°35	21°40	26°56	
F 28	5 1 18	14°43'19	22°17	3°47	6°44	20°17	16°33	9°57	15° 4	26° 1	27°26	24°26	25°32	21°47	27° 0	
S 29	5 5 14	15°44'25	6♂44	5°19	7°58	20°59	16°32	10° 2	15° 5	26° 0	27°24	24°22	25°29	21°54	27° 4	
S 30	5 9 11	16♂45'32	21♂ 5	6♂51	9♂13	21M41	16♂31	10♂ 6	15°R 5	25♂59	27♂23	24°D21	25♂25	22♂ 0	27♂ 8	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	17s 4	18s24	2n37	8s53	2n21	21s 9	0s20	11s40	0n28	16n50	0n42	0s56	2n15	6s37	0s47	20n36	0s21	18n42	4s47	12n25	12n34	14n32	14s29	6n44
S 2	17 21	16 17	1 29	9 2	2 23	21 26	0 23	11 54	0 27	16 49	0 42	0 58	2 15	6 37	0 47	20 36	0 21	18 42	4 47	12 25	12 35	14 31	14 29	6 43
M 3	17 37	13 11	0 16	9 15	2 25	21 42	0 25	12 9	0 26	16 48	0 42	1 0	2 16	6 37	0 47	20 36	0 21	18 42	4 47	12 25	12 36	14 30	14 29	6 43
T 4	17 54	9 20	0s58	9 32	2 25	21 58	0 28	12 23	0 26	16 47	0 42	1 3	2 16	6 37	0 47	20 36	0 21	18 42	4 47	12 26	12 37	14 29	14 29	6 42
W 5	18 10	4 58	2 9	9 52	2 24	22 12	0 30	12 38	0 25	16 46	0 42	1 5	2 16	6 38	0 47	20 36	0 21	18 42	4 47	12 26	12 38	14 27	14 29	6 42
T 6	18 25	0 21	3 11	10 14	2 22	22 27	0 33	12 52	0 25	16 45	0 43	1 7	2 16	6 38	0 47	20 37	0 21	18 42	4 47	12 28	12 39	14 26	14 29	6 42
F 7	18 41	4n16	4 1	10 39	2 19	22 40	0 35	13 6	0 24	16 44	0 43	1 9	2 16	6 38	0 47	20 37	0 21	18 42	4 47	12 30	12 40	14 25	14 29	6 41
S 8	18 56	8 36	4 37	11 6	2 15	22 53	0 38	13 20	0 24	16 44	0 43	1 11	2 16	6 38	0 47	20 37	0 21	18 42	4 47	12 34	12 41	14 24	14 29	6 41
S 9	19 11	12 26	4 57	11 33	2 11	23 5	0 40	13 34	0 23	16 43	0 43	1 13	2 17	6 38	0 47	20 37	0 21	18 42	4 48	12 38	12 42	14 22	14 28	6 40
M10	19 25	15 34	4 59	12 3	2 7	23 17	0 42	13 48	0 23	16 42	0 44	1 15	2 17	6 38	0 47	20 37	0 21	18 42	4 48	12 42	12 44	14 21	14 28	6 40
T 11	19 39	17 51	4 46	12 33	2 1	23 28	0 45	14 2	0 22	16 42	0 44	1 18	2 17	6 38	0 47	20 37	0 21	18 42	4 48	12 47	12 45	14 20	14 28	6 39
W12	19 53	19 10	4 18	13 3	1 56	23 38	0 47	14 16	0 22	16 41	0 44	1 20	2 17	6 38	0 47	20 37	0 21	18 42	4 48	12 51	12 46	14 19	14 28	6 39
T 13	20 6	19 32	3 39	13 34	1 50	23 47	0 49	14 29	0 21	16 41	0 44	1 22	2 17	6 38	0 47	20 37	0 21	18 42	4 48	12 54	12 47	14 17	14 28	6 39
F 14	20 19	18 58	2 50	14 6	1 44	23 56	0 52	14 43	0 21	16 40	0 45	1 24	2 18	6 38	0 47	20 38	0 21	18 42	4 48	12 56	12 48	14 16	14 28	6 38
S 15	20 31	17 32	1 54	14 37	1 37	24 4	0 54	14 56	0 20	16 40	0 45	1 25	2 18	6 38	0 46	20 38	0 21	18 42	4 48	12 58	12 49	14 15	14 27	6 38
S 16	20 44	15 22	0 54	15 9	1 31	24 11	0 56	15 10	0 19	16 40	0 45	1 27	2 18	6 38	0 46	20 38	0 21	18 42	4 48	12 58	12 50	14 14	14 27	6 38
M17	20 55	12 34	0n 8	15 41	1 24	24 18	0 58	15 23	0 19	16 40	0 45	1 29	2 18	6 38	0 46	20 38	0 21	18 42	4 48	12 58	12 51	14 12	14 27	6 37
T 18	21 7	9 15	1 10	16 12	1 17	24 23	1 0	15 36	0 18	16 39	0 46	1 31	2 18	6 38	0 46	20 38	0 21	18 42	4 47	12 58	12 52	14 11	14 27	6 37
W19	21 18	5 32	2 10	16 43	1 10	24 37	1 2	15 49	0 18	16 39	0 46	1 33	2 19	6 38	0 46	20 38	0 21	18 42	4 47	12 59	12 53	14 10	14 26	6 36
T 20	21 28	1 32	3 5	17 13	1 3	24 33	1 4	16 2	0 17	16 39	0 46	1 35	2 19	6 38	0 46	20 39	0 21	18 42	4 47	13 0	12 54	14 9	14 26	6 36
F 21	21 39	2s37	3 52	17 43	0 55	24 36	1 7	16 15	0 17	16 39	0 46	1 37	2 19	6 38	0 46	20 39	0 21	18 42	4 47	13 2	12 55	14 7	14 26	6 36
S 22	21 48	6 46	4 29	18 12	0 48	24 39	1 8	16 27	0 16	16 39	0 47	1 38	2 19	6 38	0 46	20 39	0 21	18 42	4 47	13 4	12 57	14 6	14 25	6 35
S 23	21 58	10 44	4 53	18 41	0 41	24 41	1 10	16 40	0 15	16 40	0 47	1 40	2 20	6 38	0 46	20 39	0 21	18 42	4 47	13 8	12 58	14 5	14 25	6 35
M24	22 7	14 15	5 2	19 9	0 34	24 42	1 12	16 52	0 15	16 40	0 47	1 42	2 20	6 37	0 46	20 39	0 21	18 42	4 47	13 12	12 59	14 3	14 25	6 35
T 25	22 15	17 5	4 52	19 36	0 26	24 43	1 14	17 4	0 14	16 40	0 47	1 43	2 20	6 37	0 46	20 40	0 21	18 42	4 47	13 16	13 0	14 2	14 24	6 34
W26	22 23	18 56	4 25	20 3	0 19	24 43	1 16	17 17	0 14	16 40	0 47	1 45	2 20	6 37	0 46	20 40	0 21	18 42	4 47	13 20	13 1	14 1	14 24	6 34
T 27	22 31	19 37	3 41	20 29	0 12	24 42	1 18	17 29	0 13	16 41	0 48	1 46	2 20	6 37	0 46	20 40	0 21	18 42	4 47	13 23	13 2	13 59	14 23	6 34
F 28	22 38	19 0	2 42	20 53	0 5	24 40	1 19	17 40	0 12	16 41	0 48	1 48	2 21	6 36	0 46	20 40	0 21	18 42	4 47	13 25	13 3	13 58	14 23	6 33
S 29	22 45	17 9	1 32	21 17	0s 2	24 37	1 21	17 52	0 12	16														

SWISS EPHEMERIS for the year 1421

DECEMBER 1421 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♆	♁	♁	♁	♁	♁
M 1	5 13 7	17°46'39	5°18	8°24	10°28	22°23	16°R30	10°10	15°16	25°R57	27°R22	24°R21	25°R22	22°R7	27°R12
T 2	5 17 4	18°47'46	19°21	9°57	11°43	23°5	16°R28	10°14	15°7	25°R56	27°R21	24°R22	25°R19	22°R14	27°R16
W 3	5 21 0	19°48'54	3°14	11°30	12°58	23°47	16°26	10°18	15°8	25°R55	27°R20	24°R21	25°R16	22°R20	27°R20
T 4	5 24 57	20°50'01	16°56	13°3	14°13	24°29	16°25	10°22	15°9	25°R54	27°R18	24°R18	25°R13	22°R27	27°R24
F 5	5 28 53	21°51'09	0°29	14°36	15°27	25°11	16°22	10°26	15°10	25°R52	27°R17	24°R12	25°R10	22°R34	27°R29
S 6	5 32 50	22°52'17	13°51	16°10	16°42	25°54	16°20	10°30	15°11	25°R51	27°R16	24°R4	25°R6	22°R40	27°R33
S 7	5 36 47	23°53'26	27°1	17°43	17°57	26°36	16°18	10°34	15°12	25°R50	27°R15	23°R54	25°R3	22°R47	27°R37
M 8	5 40 43	24°54'34	10°11	19°17	19°12	27°18	16°15	10°37	15°13	25°R48	27°R14	23°R43	25°R0	22°R54	27°R41
T 9	5 44 40	25°55'43	22°45	20°51	20°26	28°0	16°12	10°41	15°14	25°R47	27°R12	23°R32	24°R57	23°R0	27°R46
W10	5 48 36	26°56'52	5°17	22°26	21°41	28°43	16°9	10°44	15°15	25°R45	27°R11	23°R22	24°R54	23°R7	27°R50
T 11	5 52 33	27°58'01	17°35	24°1	22°56	29°25	16°6	10°47	15°17	25°R44	27°R10	23°R14	24°R51	23°R14	27°R55
F 12	5 56 29	28°59'11	29°42	25°35	24°11	0°17	16°3	10°51	15°18	25°R43	27°R9	23°R8	24°R47	23°R20	27°R59
S 13	6 0 26	0°21	11°38	27°11	25°25	0°50	15°59	10°54	15°19	25°R41	27°R8	23°R5	24°R44	23°R27	28°R3
S 14	6 4 23	1°1'31	23°28	28°46	26°40	1°32	15°55	10°57	15°21	25°R40	27°R6	23°D5	24°R41	23°R33	28°R8
M15	6 8 19	2°2'42	5°14	0°22	27°54	2°15	15°51	11°0	15°22	25°R38	27°R5	23°R5	24°R38	23°R40	28°R12
T 16	6 12 16	3°3'52	17°3	1°58	29°9	2°57	15°47	11°3	15°24	25°R37	27°R4	23°R7	24°R35	23°R47	28°R17
W17	6 16 12	4°5'03	28°58	3°35	0°24	3°40	15°43	11°5	15°25	25°R35	27°R3	23°R8	24°R31	23°R53	28°R21
T 18	6 20 9	5°6'14	11°5	5°12	1°38	4°22	15°39	11°8	15°27	25°R33	27°R1	23°R8	24°R28	24°R0	28°R26
F 19	6 24 5	6°7'26	23°30	6°49	2°53	5°5	15°34	11°11	15°29	25°R32	27°R0	23°R6	24°R25	24°R7	28°R31
S 20	6 28 2	7°8'37	6°17	8°27	4°7	5°48	15°29	11°13	15°30	25°R30	26°R59	23°R2	24°R22	24°R13	28°R35
S 21	6 31 58	8°9'49	19°29	10°5	5°22	6°30	15°24	11°15	15°32	25°R29	26°R58	22°R56	24°R19	24°R20	28°R40
M22	6 35 55	9°11'01	3°8	11°43	6°36	7°13	15°19	11°18	15°34	25°R27	26°R57	22°R50	24°R16	24°R27	28°R45
T 23	6 39 52	10°12'12	17°14	13°22	7°51	7°56	15°14	11°20	15°36	25°R25	26°R56	22°R42	24°R12	24°R33	28°R49
W24	6 43 48	11°13'24	1°42	15°1	9°5	8°39	15°8	11°22	15°37	25°R24	26°R54	22°R35	24°R9	24°R40	28°R54
T 25	6 47 45	12°14'35	16°27	16°41	10°19	9°22	15°3	11°24	15°39	25°R22	26°R53	22°R30	24°R6	24°R47	28°R59
F 26	6 51 41	13°15'47	1°20	18°21	11°34	10°5	14°57	11°26	15°41	25°R21	26°R52	22°R26	24°R3	24°R53	29°R3
S 27	6 55 38	14°16'57	16°13	20°2	12°48	10°47	14°51	11°27	15°43	25°R19	26°R51	22°D24	24°R0	25°R0	29°R8
S 28	6 59 34	15°18'07	1°11	0°21	14°2	11°30	14°45	11°29	15°45	25°R17	26°R50	22°R24	23°R57	25°R6	29°R13
M29	7 3 31	16°19'16	15°33	23°24	15°17	12°13	14°39	11°30	15°47	25°R16	26°R49	22°R26	23°R53	25°R13	29°R18
T 30	7 7 27	17°20'24	29°49	25°5	16°31	12°56	14°33	11°32	15°50	25°R14	26°R47	22°R27	23°R50	25°R20	29°R22
W31	7 11 24	18°21'32	13°47	26°37	17°45	13°40	14°26	11°33	15°52	25°R12	26°R46	22°R28	23°R47	25°R26	29°R27

Day	☉	☽	♀	♁	♂	♄	♃	♅	♆	♁	♁	♁	♁	♁	♁																						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat																						
M 1	22s57	10s30	0s58	22s2	0s16	24s30	1s24	18s15	0m11	16n43	0n49	1s52	2n21	6s35	0s46	20n41	0s21	18n42	4s47	13n27	13n6	13n54	14s22	6n33													
T 2	23 2 6 12	2 9 22 23	0 22 24 25	1 26 18 26	0 10 16 44	0 49 1 54	2 22 6 35	0 46 20 41	0 21 18 42	4 47 13 27	13 7 13 53	14 21 6 32	W 3	23 7 1 39	3 12 22 42	0 29 24 19	1 27 18 38	0 9 16 44	0 49 1 55	2 22 6 35	0 46 20 41	0 21 18 42	4 47 13 27	13 8 13 52	14 21 6 32												
T 4	23 12 2n57	4 2 23 1	0 35 24 13	1 29 18 48	0 9 16 45	0 49 1 56	2 22 6 34	0 46 20 42	0 21 18 42	4 47 13 28	13 9 13 50	14 20 6 32	F 5	23 16 7 19	4 39 23 19	0 42 24 6	1 30 18 59	0 8 16 46	0 50 1 58	2 22 6 34	0 46 20 42	0 21 18 42	4 47 13 30	13 10 13 49	14 20 6 31												
S 6	23 19 11 17	4 59 23 35	0 48 23 58	1 31 19 10	0 8 16 47	0 50 1 59	2 23 6 33	0 46 20 42	0 21 18 42	4 47 13 32	13 12 13 48	14 19 6 31	S 7	23 22 14 37	5 4 23 50	0 54 23 50	1 32 19 21	0 7 16 48	0 50 2 0	2 23 6 33	0 46 20 42	0 21 18 42	4 47 13 36	13 13 13 46	14 19 6 31												
M 8	23 25 17 12	4 52 24 4	1 0 23 41	1 34 19 31	0 6 16 49	0 50 2 1	2 23 6 33	0 46 20 43	0 21 18 42	4 47 13 39	13 14 13 45	14 18 6 31	T 9	23 27 18 53	4 26 24 17	1 6 23 31	1 35 19 41	0 6 16 50	0 51 2 2	2 23 6 32	0 46 20 43	0 21 18 42	4 47 13 43	13 15 13 44	14 17 6 30												
W10	23 29 19 37	3 47 24 29	1 11 23 20	1 36 19 51	0 5 16 51	0 51 2 4	2 24 6 32	0 45 20 43	0 21 18 42	4 47 13 46	13 16 13 42	14 17 6 30	T 11	23 30 19 24	2 59 24 39	1 16 23 9	1 37 20 1	0 4 16 52	0 51 2 5	2 24 6 31	0 45 20 43	0 21 18 42	4 47 13 49	13 17 13 41	14 16 6 30												
F 12	23 30 18 17	2 2 24 48	1 21 22 57	1 37 20 11	0 4 16 54	0 51 2 6	2 24 6 30	0 45 20 44	0 21 18 42	4 47 13 51	13 18 13 39	14 16 6 30	S 13	23 31 16 22	1 1 24 55	1 26 22 44	1 38 20 20	0 3 16 55	0 52 2 7	2 24 6 30	0 45 20 44	0 21 18 42	4 47 13 52	13 19 13 38	14 15 6 30												
S 14	23 30 13 46	0n 2 25 1	1 31 22 30	1 39 20 30	0 2 16 56	0 52 2 8	2 25 6 29	0 45 20 44	0 21 18 42	4 47 13 52	13 20 13 37	14 14 6 29	M15	23 30 10 38	1 5 25 6	1 35 22 16	1 40 20 39	0 2 16 58	0 52 2 9	2 25 6 29	0 45 20 45	0 21 18 42	4 47 13 52	13 21 13 35	14 14 6 29												
T 16	23 29 7 4	2 6 25 9	1 40 22 1	1 40 20 48	0 1 16 59	0 52 2 9	2 25 6 28	0 45 20 45	0 21 18 42	4 46 13 51	13 22 13 34	14 13 6 29	W17	23 27 3 11	3 2 25 11	1 44 21 46	1 41 20 57	0 0 17 1	0 53 2 10	2 26 6 27	0 45 20 45	0 21 18 42	4 46 13 51	13 23 13 33	14 12 6 29												
T 18	23 25 0s52	3 50 25 12	1 47 21 30	1 41 21 5	0s 0 17 2	0 53 2 11	2 26 6 27	0 45 20 45	0 21 18 42	4 46 13 51	13 24 13 31	14 11 6 29	F 19	23 22 4 59	4 29 25 11	1 51 21 13	1 42 21 14	0 1 17 4	0 53 2 12	2 26 6 26	0 45 20 46	0 21 18 43	4 46 13 52	13 25 13 30	14 11 6 28												
S 20	23 19 8 59	4 56 25 8	1 54 20 56	1 42 21 22	0 2 17 5	0 53 2 12	2 26 6 25	0 45 20 46	0 21 18 43	4 46 13 53	13 26 13 29	14 10 6 28	S 21	23 16 12 42	5 9 25 4	1 56 20 38	1 42 21 30	0 2 17 7	0 53 2 13	2 27 6 25	0 45 20 46	0 21 18 43	4 46 13 55	13 27 13 27	14 9 6 28												
M22	23 12 15 52	5 4 24 58	1 59 20 20	1 42 21 38	0 3 17 9	0 54 2 14	2 27 6 24	0 45 20 47	0 21 18 43	4 46 13 57	13 29 13 26	14 9 6 28	T 23	23 7 18 13	4 42 24 51	2 1 20 1	1 42 21 45	0 4 17 11	0 54 2 14	2 27 6 23	0 45 20 47	0 21 18 43	4 46 13 59	13 30 13 24	14 8 6 28												
W24	23 2 19 29	4 1 24 42	2 3 19 41	1 42 21 53	0 4 17 12	0 54 2 15	2 27 6 22	0 45 20 47	0 21 18 43	4 46 14 2	13 31 13 23	14 7 6 28	T 25	22 57 19 28	3 3 24 31	2 4 19 21	1 42 22 0	0 5 17 14	0 54 2 15	2 28 6 22	0 45 20 48	0 21 18 43	4 46 14 3	13 32 13 22	14 6 6 27												
F 26	22 51 18 6	1 52 24 19	2 5 19 0	1 42 22 7	0 6 17 16	0 55 2 16	2 28 6 21	0 45 20 48	0 21 18 43	4 46 14 5	13 33 13 20	14 5 6 27	S 27	22 45 15 29	0 34 24 5	2 6 18 39	1 42 22 14	0 6 17 18	0 55 2 16	2 28 6 20	0 45 20 48	0 21 18 43	4 46 14 5	13 34 13 19	14 5 6 27												
S 28	22 38 11 53	0s47 23 50	2 6 18 17	1 42 22 21	0 7 17 20	0 55 2 17	2 29 6 19	0 45 20 48	0 21 18 43	4 46 14 5	13 35 13 17	14 4 6 27	M29	22 31 7 36	2 3 23 33	2 6 17 55	1 41 22 27	0 8 17 22	0 55 2 17	2 29 6 18	0 45 20 49	0 21 18 43	4 45 14 5	13 36 13 16	14 3 6 27												
T 30	22 23 2 59	3 10 23 14	2 5 17 32	1 41 22 34	0 8 17 24	0 55 2 17	2 29 6 18	0 45 20 49	0 21 18 43	4 45 14 4	13 37 13 15	14 2 6 27	W31	22s15	1n42	4s5	22s53	2s4	17s9	1s40	22s40	0s9	17n26	0n56	2s17	2n29	6s17	0s45	20n49	0s21	18n43	4s45	14n4	13n38	13n13	14s1	6n27

Julian Day Number = 2240412.5, Delta T = 288.53 sec

Ecliptic obliquity = 23°30'44, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 16°40'33, Lahiri = 15°47'33 Julian Calendar 1 Dec. 1421 == Greg. Calendar 10 Dec. 1421