

SWISS EPHEMERIS for the year 1418

JANUARY 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
S 1	7 15 15	19°21'05	5♈43	1°R36	7♌30	13♈29	23♈36	18°R33	0♈41	16°R 2	22°R19	12°R11	11♈ 6	12♈54	2♉46
S 2	7 19 11	20°22'11	19°10	1♉23	8°42	14° 5	23°46	18♈30	0°43	16♉ 0	22♈18	12♈11	11° 3	13° 1	2°52
M 3	7 23 8	21°23'17	2♉23	1°D18	9°53	14°42	23°56	18°26	0°46	15°58	22°17	12° 9	11° 0	13° 8	2°58
T 4	7 27 4	22°24'23	15°25	1°21	11° 4	15°18	24° 7	18°21	0°49	15°57	22°16	12° 5	10°57	13°14	3° 3
W 5	7 31 1	23°25'28	28°15	1°32	12°16	15°55	24°17	18°17	0°52	15°55	22°15	11°57	10°53	13°21	3° 9
T 6	7 34 57	24°26'33	10♉56	1°50	13°27	16°31	24°28	18°13	0°55	15°53	22°14	11°47	10°50	13°28	3°15
F 7	7 38 54	25°27'37	23°26	2°15	14°39	17° 7	24°38	18° 9	0°58	15°52	22°13	11°34	10°47	13°34	3°21
S 8	7 42 50	26°28'40	5♊46	2°46	15°51	17°44	24°49	18° 5	1° 1	15°50	22°12	11°20	10°44	13°41	3°26
S 9	7 46 47	27°29'42	17°56	3°22	17° 2	18°20	25° 0	18° 0	1° 4	15°48	22°11	11° 6	10°41	13°48	3°32
M10	7 50 44	28°30'43	29°57	4° 2	18°14	18°56	25°10	17°56	1° 7	15°47	22°10	10°53	10°38	13°54	3°38
T 11	7 54 40	29°31'42	11♊51	4°48	19°26	19°33	25°21	17°51	1°10	15°45	22° 9	10°42	10°34	14° 1	3°43
W12	7 58 37	0♊32'41	23°41	5°37	20°38	20° 9	25°33	17°47	1°13	15°43	22° 8	10°34	10°31	14° 8	3°49
T 13	8 2 33	1°33'39	5♈29	6°30	21°50	20°45	25°44	17°42	1°16	15°42	22° 7	10°29	10°28	14°15	3°55
F 14	8 6 30	2°34'35	17°21	7°26	23° 2	21°21	25°55	17°38	1°19	15°40	22° 7	10°26	10°25	14°21	4° 0
S 15	8 10 26	3°35'30	29°21	8°25	24°14	21°57	26° 7	17°33	1°22	15°38	22° 6	10°25	10°22	14°28	4° 6
S 16	8 14 23	4°36'23	11♈35	9°27	25°26	22°33	26°18	17°28	1°25	15°37	22° 5	10°25	10°18	14°35	4°11
M17	8 18 19	5°37'15	24° 9	10°32	26°38	23° 9	26°30	17°24	1°29	15°35	22° 4	10°25	10°15	14°41	4°16
T 18	8 22 16	6°38'06	7♈ 6	11°39	27°51	23°45	26°41	17°19	1°32	15°34	22° 3	10°23	10°12	14°48	4°22
W19	8 26 13	7°38'56	20°32	12°48	29° 3	24°21	26°53	17°14	1°35	15°32	22° 2	10°18	10° 9	14°55	4°27
T 20	8 30 9	8°39'44	4♉27	13°59	0♉15	24°57	27° 5	17° 9	1°38	15°31	22° 2	10°11	10° 6	15° 1	4°32
F 21	8 34 6	9°40'30	18°50	15°11	1°28	25°33	27°17	17° 4	1°41	15°29	22° 1	10° 1	10° 3	15° 8	4°38
S 22	8 38 2	10°41'15	3♈37	16°26	2°40	26° 8	27°29	17° 0	1°45	15°28	22° 0	9°50	9°59	15°15	4°43
S 23	8 41 59	11°41'59	18°40	17°42	3°53	26°44	27°41	16°55	1°48	15°26	21°59	9°38	9°56	15°22	4°48
M24	8 45 55	12°42'41	3♈48	18°59	5° 5	27°20	27°53	16°50	1°51	15°25	21°59	9°27	9°53	15°28	4°53
T 25	8 49 52	13°43'22	18°52	20°18	6°18	27°55	28° 6	16°45	1°55	15°23	21°58	9°18	9°50	15°35	4°58
W26	8 53 48	14°44'02	3♉42	21°39	7°30	28°31	28°18	16°40	1°58	15°22	21°57	9°12	9°47	15°42	5° 3
T 27	8 57 45	15°44'40	18°12	23° 0	8°43	29° 7	28°31	16°35	2° 1	15°20	21°57	9° 8	9°44	15°48	5° 8
F 28	9 1 42	16°45'18	2♈19	24°23	9°56	29°42	28°43	16°31	2° 5	15°19	21°56	9° 7	9°40	15°55	5°13
S 29	9 5 38	17°45'54	16° 3	25°47	11° 8	0♉17	28°56	16°26	2° 8	15°17	21°55	9° 7	9°37	16° 2	5°18
S 30	9 9 35	18°46'29	29°25	27°12	12°21	0°53	29° 8	16°21	2°11	15°16	21°55	9° 7	9°34	16° 8	5°23
M31	9 13 31	19°47'03	12♉29	28°38	13°34	1♉28	29♈21	16°16	2♈15	15°15	21♈54	9♈ 5	9♈31	16♈15	5°28

Day	☉		☽		♀		♂		♂		♃		♄		♅		♆		♇					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	22s 7	14s 1	0s34	20s18	3n12	19s26	2n14	14s59	1n 0	3s41	1s15	16n31	1n16	11s57	0s44	21n56	0s37	17n16	6s 2	15s32	15s12	2s42	17s38	5n51
S 2	21 58	16 58	0n37	20 25	3 5	19 39	2 11	15 10	0 59	3 37	1 15	16 32	1 16	11 56	0 44	21 56	0 37	17 16	6 2	15 32	15 11	2 39	17 37	5 52
M 3	21 48	18 59	1 45	20 33	2 58	19 52	2 9	15 22	0 59	3 33	1 14	16 33	1 16	11 55	0 44	21 56	0 37	17 16	6 1	15 32	15 10	2 37	17 37	5 52
T 4	21 39	19 57	2 47	20 41	2 50	20 5	2 7	15 33	0 58	3 29	1 14	16 35	1 16	11 54	0 44	21 56	0 37	17 16	6 1	15 30	15 9	2 35	17 37	5 52
W 5	21 28	19 52	3 39	20 50	2 41	20 17	2 4	15 44	0 58	3 25	1 14	16 36	1 16	11 53	0 44	21 57	0 37	17 17	6 1	15 28	15 8	2 33	17 36	5 52
T 6	21 18	18 46	4 19	20 59	2 31	20 29	2 1	15 55	0 57	3 20	1 14	16 38	1 17	11 52	0 44	21 57	0 37	17 17	6 1	15 25	15 7	2 31	17 36	5 53
F 7	21 7	16 47	4 46	21 8	2 21	20 40	1 59	16 5	0 57	3 16	1 14	16 39	1 17	11 51	0 44	21 57	0 37	17 17	6 1	15 21	15 6	2 29	17 36	5 53
S 8	20 55	14 3	4 59	21 18	2 11	20 50	1 56	16 16	0 57	3 11	1 14	16 41	1 17	11 50	0 44	21 57	0 37	17 17	6 1	15 17	15 5	2 27	17 35	5 53
S 9	20 44	10 46	4 58	21 27	2 1	21 0	1 53	16 26	0 56	3 7	1 13	16 42	1 17	11 49	0 44	21 57	0 37	17 17	6 1	15 12	15 4	2 25	17 35	5 53
M10	20 31	7 5	4 44	21 37	1 50	21 9	1 51	16 37	0 56	3 2	1 13	16 44	1 17	11 48	0 44	21 58	0 37	17 17	6 1	15 8	15 3	2 22	17 34	5 54
T 11	20 19	3 10	4 18	21 46	1 40	21 18	1 48	16 47	0 55	2 58	1 13	16 45	1 17	11 47	0 44	21 58	0 37	17 17	6 0	15 5	15 2	2 20	17 34	5 54
W12	20 6	0n51	3 40	21 54	1 30	21 26	1 45	16 57	0 55	2 53	1 13	16 47	1 17	11 46	0 44	21 58	0 37	17 17	6 0	15 2	15 1	2 18	17 34	5 54
T 13	19 52	4 50	2 54	22 2	1 19	21 34	1 42	17 7	0 54	2 49	1 13	16 48	1 18	11 44	0 44	21 58	0 37	17 17	6 0	15 1	15 0	2 16	17 33	5 54
F 14	19 39	8 40	1 59	22 9	1 9	21 41	1 39	17 17	0 54	2 44	1 12	16 50	1 18	11 43	0 44	21 59	0 37	17 17	6 0	15 0	14 59	2 14	17 33	5 55
S 15	19 25	12 11	0 58	22 16	0 59	21 47	1 36	17 27	0 53	2 39	1 12	16 51	1 18	11 42	0 44	21 59	0 37	17 17	6 0	14 59	14 58	2 12	17 32	5 55
S 16	19 10	15 16	0s 6	22 22	0 49	21 53	1 33	17 37	0 53	2 35	1 12	16 53	1 18	11 41	0 44	21 59	0 37	17 17	6 0	14 59	14 57	2 10	17 32	5 55
M17	18 55	17 42	1 12	22 27	0 39	21 58	1 30	17 47	0 52	2 30	1 12	16 54	1 18	11 40	0 44	21 59	0 37	17 18	6 0	14 59	14 56	2 8	17 31	5 56
T 18	18 40	19 20	2 16	22 31	0 30	22 3	1 27	17 56	0 52	2 25	1 12	16 56	1 18	11 39	0 44	21 59	0 37	17 18	5 59	14 59	14 55	2 6	17 31	5 56
W19	18 25	19 56	3 15	22 34	0 20	22 7	1 24	18 5	0 51	2 20	1 12	16 58	1 18	11 38	0 44	22 0	0 37	17 18	5 59	14 57	14 54	2 3	17 30	5 56
T 20	18 9	19 22	4 4	22 36	0 11	22 10	1 20	18 15	0 51	2 15	1 11	16 59	1 18	11 36	0 44	22 0	0 37	17 18	5 59	14 55	14 53	2 1	17 30	5 57
F 21	17 53	17 34	4 40	22 37	0 2	22 13	1 17	18 24	0 50	2 10	1 11	17 1	1 19	11 35	0 44	22 0	0 37	17 18	5 59	14 52	14 52	1 59	17 29	5 57
S 22	17 37	14 34	4 58	22 37	0s 7	22 15	1 14	18 33	0 49	2 5	1 11	17 2	1 19	11 34	0 44	22 0	0 37	17 18	5 59	14 48	14 51	1 57	17 29	5 57
S 23	17 20	10 35	4 56	22 35	0 15	22 17	1 11	18 42	0 49	2 0	1 11	17 4	1 19	11 33	0 44	22 0	0 37	17 18	5 59	14 44	14 50	1 55	17 28	5 58
M24	17 3	5 53	4 34	22 33	0 24	22 18	1 7	18 50	0 48	1 55	1 11	17 6	1 19	11 32	0 44	22 1	0 37	17 18	5 58	14 41	14 49	1 53	17 28	5 58
T 25	16 45	0 51	3 52	22 30	0 32	22 18	1 4	18 59	0 48	1 50	1 11	17 7	1 19	11 30	0 44	22 1	0 37	17 18	5 58	14 38	14 48	1 51	17 27	5 58
W26	16 28	4s 9	2 55	22 25	0 39	22 17	1 1	19 8	0 47	1 45	1 11	17 9	1 19	11 29	0 44	22 1	0 37	17 19	5 58	14 36	14 47	1 49	17 27	5 59
T 27	16 10	8 49	1 48	22 19	0 47	22 16	0 58	19 16	0 46	1 40	1 10	17 10	1 19	11 28	0 44	22 1	0 37	17 19	5 58	14 35	14 46	1 47	17 26	5 59
F 28	15 52	12 53	0 36	22 11	0 54	22 14	0 54	19 24	0 46	1 35	1 10	17 12	1 19	11 27	0 44	22 1	0 37	17 19	5 58	14 35	14 45	1 45	17 25	5 59
S 29</																								

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FEBRUARY 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	9 17 28	20 ⁴⁷ 36	25 ¹⁶ 16	0 ⁵ 5	14 ⁴⁷ 47	2 ³ 3	29 ³⁴ 34	16 ^R 11	2 ¹⁸ 18	15 ^R 13	21 ^R 54	9 ^R 1	9 ^M 28	16 ^X 22	5 ³³ 33
W 2	9 21 24	21 ⁴⁸ 07	7 ³⁵ 1	1 ³⁴ 4	16 ⁰ 0	2 ³⁹ 9	29 ⁴⁷ 47	16 ^Ω 6	2 ²² 22	15 ^Ω 12	21 ^{II} 53	8 ^M 53	9 ²⁴ 24	16 ²⁹ 29	5 ³⁷ 37
T 3	9 25 21	22 ⁴⁸ 37	20 ¹⁵ 3	3 ³ 3	17 ¹³ 13	3 ¹⁴ 14	29 ⁵⁹ 59	16 ¹ 1	2 ²⁵ 25	15 ¹¹ 11	21 ⁵³ 53	8 ⁴³ 43	9 ²¹ 21	16 ³⁵ 35	5 ⁴² 42
F 4	9 29 17	23 ⁴⁹ 06	2 ³⁰ 30	4 ³³ 33	18 ²⁵ 25	3 ⁴⁹ 49	0 ^Y 13	15 ⁵⁷ 57	2 ²⁸ 28	15 ¹⁰ 10	21 ⁵² 52	8 ³¹ 31	9 ¹⁸ 18	16 ⁴² 42	5 ⁴⁷ 47
S 5	9 33 14	24 ⁴⁹ 32	14 ³⁷ 37	6 ⁵ 5	19 ³⁸ 38	4 ²⁴ 24	0 ²⁶ 26	15 ⁵² 52	2 ³² 32	15 ⁸ 8	21 ⁵² 52	8 ¹⁷ 17	9 ¹⁵ 15	16 ⁴⁹ 49	5 ⁵¹ 51
S 6	9 37 11	25 ⁴⁹ 58	26 ³⁸ 38	7 ³⁷ 37	20 ⁵¹ 51	4 ⁵⁹ 59	0 ³⁹ 39	15 ⁴⁷ 47	2 ³⁵ 35	15 ⁷ 7	21 ⁵¹ 51	8 ³ 3	9 ¹² 12	16 ⁵⁵ 55	5 ⁵⁶ 56
M 7	9 41 7	26 ⁵⁰ 21	8 ³³ 33	9 ¹¹ 11	22 ⁴ 4	5 ³⁴ 34	0 ⁵² 52	15 ⁴² 42	2 ³⁹ 39	15 ⁶ 6	21 ⁵¹ 51	7 ⁵⁰ 50	9 ⁹ 9	17 ² 2	6 ⁰ 0
T 8	9 45 4	27 ⁵⁰ 42	20 ²⁴ 24	10 ⁴⁵ 45	23 ¹⁷ 17	6 ⁸ 8	1 ⁶ 6	15 ³⁷ 37	2 ⁴² 42	15 ⁵ 5	21 ⁵⁰ 50	7 ³⁹ 39	9 ⁵ 5	17 ⁹ 9	6 ⁵ 5
W 9	9 49 0	28 ⁵¹ 02	2 ^Y 13	12 ²⁰ 20	24 ³⁰ 30	6 ⁴³ 43	1 ¹⁹ 19	15 ³³ 33	2 ⁴⁵ 45	15 ⁴ 4	21 ⁵⁰ 50	7 ³¹ 31	9 ² 2	17 ¹⁵ 15	6 ⁹ 9
T 10	9 52 57	29 ⁵¹ 20	14 ² 2	13 ⁵⁷ 57	25 ⁴⁴ 44	7 ¹⁸ 18	1 ³² 32	15 ²⁸ 28	2 ⁴⁹ 49	15 ² 2	21 ⁵⁰ 50	7 ²⁵ 25	8 ⁵⁹ 59	17 ²² 22	6 ¹³ 13
F 11	9 56 53	0 ^X 51'36	25 ⁵⁴ 54	15 ³⁴ 34	26 ⁵⁷ 57	7 ⁵² 52	1 ⁴⁶ 46	15 ²³ 23	2 ⁵² 52	15 ¹ 1	21 ⁴⁹ 49	7 ²³ 23	8 ⁵⁶ 56	17 ²⁹ 29	6 ¹⁷ 17
S 12	10 0 50	1 ⁵¹ 50	7 ⁵⁴ 54	17 ¹² 12	28 ¹⁰ 10	8 ²⁷ 27	1 ⁵⁹ 59	15 ¹⁹ 19	2 ⁵⁶ 56	15 ⁰ 0	21 ⁴⁹ 49	7 ^D 22	8 ⁵³ 53	17 ³⁵ 35	6 ²² 22
S 13	10 4 46	2 ⁵² 02	20 ⁶ 6	18 ⁵² 52	29 ²³ 23	9 ¹ 1	2 ¹³ 13	15 ¹⁴ 14	2 ⁵⁹ 59	14 ⁵⁹ 59	21 ⁴⁹ 49	7 ²² 22	8 ⁵⁰ 50	17 ⁴² 42	6 ²⁶ 26
M14	10 8 43	3 ⁵² 11	2 ^{II} 35	20 ³² 32	0 ³⁶ 36	9 ³⁵ 35	2 ²⁶ 26	15 ¹⁰ 10	3 ³ 3	14 ⁵⁸ 58	21 ⁴⁸ 48	7 ^R 23	8 ⁴⁶ 46	17 ⁴⁹ 49	6 ³⁰ 30
T 15	10 12 40	4 ⁵² 19	15 ²⁷ 27	22 ¹⁴ 14	1 ⁴⁹ 49	10 ¹⁰ 10	2 ⁴⁰ 40	15 ⁵ 5	3 ⁶ 6	14 ⁵⁷ 57	21 ⁴⁸ 48	7 ²² 22	8 ⁴³ 43	17 ⁵⁶ 56	6 ³⁴ 34
W16	10 16 36	5 ⁵² 25	28 ⁴⁵ 45	23 ⁵⁶ 56	3 ² 2	10 ⁴⁴ 44	2 ⁵⁴ 54	15 ¹ 1	3 ¹⁰ 10	14 ⁵⁶ 56	21 ⁴⁸ 48	7 ²⁰ 20	8 ⁴⁰ 40	18 ² 2	6 ³⁷ 37
T 17	10 20 33	6 ⁵² 28	12 ^Ω 33	25 ⁴⁰ 40	4 ¹⁵ 15	11 ¹⁸ 18	3 ⁷ 7	14 ⁵⁷ 57	3 ¹³ 13	14 ⁵⁵ 55	21 ⁴⁸ 48	7 ¹⁵ 15	8 ³⁷ 37	18 ⁹ 9	6 ⁴¹ 41
F 18	10 24 29	7 ⁵² 29	26 ⁵² 52	27 ²⁵ 25	5 ²⁹ 29	11 ⁵² 52	3 ²¹ 21	14 ⁵² 52	3 ¹⁷ 17	14 ⁵⁵ 55	21 ⁴⁷ 47	7 ⁸ 8	8 ³⁴ 34	18 ¹⁶ 16	6 ⁴⁵ 45
S 19	10 28 26	8 ⁵² 28	11 ^Ω 37	29 ¹¹ 11	6 ⁴² 42	12 ²⁶ 26	3 ³⁵ 35	14 ⁴⁸ 48	3 ²⁰ 20	14 ⁵⁴ 54	21 ⁴⁷ 47	7 ⁰ 0	8 ³⁰ 30	18 ²² 22	6 ⁴⁹ 49
S 20	10 32 22	9 ⁵² 25	26 ⁴³ 43	0 ^X 58	7 ⁵⁵ 55	13 ⁰ 0	3 ⁴⁹ 49	14 ⁴⁴ 44	3 ²³ 23	14 ⁵³ 53	21 ⁴⁷ 47	6 ⁵¹ 51	8 ²⁷ 27	18 ²⁹ 29	6 ⁵² 52
M21	10 36 19	10 ⁵² 20	12 ^{II} 1	2 ⁴⁶ 46	9 ⁸ 8	13 ³³ 33	4 ³ 3	14 ⁴⁰ 40	3 ²⁷ 27	14 ⁵² 52	21 ⁴⁷ 47	6 ⁴² 42	8 ²⁴ 24	18 ³⁶ 36	6 ⁵⁶ 56
T 22	10 40 15	11 ⁵² 13	27 ¹⁸ 18	4 ³⁵ 35	10 ²² 22	14 ⁷ 7	4 ¹⁷ 17	14 ³⁶ 36	3 ³⁰ 30	14 ⁵¹ 51	21 ⁴⁷ 47	6 ³⁵ 35	8 ²¹ 21	18 ⁴² 42	6 ⁵⁹ 59
W23	10 44 12	12 ⁵² 04	12 ^Ω 25	6 ²⁶ 26	11 ³⁵ 35	14 ⁴¹ 41	4 ³¹ 31	14 ³² 32	3 ³⁴ 34	14 ⁵¹ 51	21 ⁴⁷ 47	6 ³¹ 31	8 ¹⁸ 18	18 ⁴⁹ 49	7 ³ 3
T 24	10 48 8	13 ⁵¹ 53	27 ¹³ 13	8 ¹⁷ 17	12 ⁴⁸ 48	15 ¹⁴ 14	4 ⁴⁵ 45	14 ²⁸ 28	3 ³⁷ 37	14 ⁵⁰ 50	21 ⁴⁷ 47	6 ²⁹ 29	8 ¹⁵ 15	18 ⁵⁶ 56	7 ⁶ 6
F 25	10 52 5	14 ⁵¹ 40	11 ^M 36	10 ¹⁰ 10	14 ¹ 1	15 ⁴⁷ 47	4 ⁵⁹ 59	14 ²⁴ 24	3 ⁴⁰ 40	14 ⁴⁹ 49	21 ⁴⁷ 47	6 ^D 28	8 ¹¹ 11	19 ² 2	7 ¹⁰ 10
S 26	10 56 2	15 ⁵¹ 26	25 ³² 32	12 ⁴ 4	15 ¹⁵ 15	16 ²¹ 21	5 ¹³ 13	14 ²⁰ 20	3 ⁴⁴ 44	14 ⁴⁸ 48	21 ^D 47	6 ²⁹ 29	8 ⁸ 8	19 ⁹ 9	7 ¹³ 13
S 27	10 59 58	16 ⁵¹ 10	9 ^X 2	13 ⁵⁹ 59	16 ²⁸ 28	16 ⁵⁴ 54	5 ²⁷ 27	14 ¹⁶ 16	3 ⁴⁷ 47	14 ⁴⁸ 48	21 ⁴⁷ 47	6 ³⁰ 30	8 ⁵ 5	19 ¹⁶ 16	7 ¹⁶ 16
M28	11 3 55	17 ^X 50'53	22 ^X 8	15 ^X 55	17 ⁴¹ 41	17 ^X 27	5 ^Y 41	14 ^Ω 13	3 ^X 51	14 ^Ω 47	21 ^{II} 47	6 ^R 30	8 ^M 2	19 ^X 23	7 ^Ω 19

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14s36	19s48	3n38	21s29	1s20	22s 1	0n41	19s56	0n43	1s14	1s10	17n18	1n20	11s22	0s44	22n 2	0s37	17n19	5s57	14s33	14s41	1s36	17s23	6n 1
W 2	14 17 18	18 59	4 18	21 16	1 25	21 56	0 38	20 4	0 42	1 9	1 10	17 20	1 20	11 21	0 44	22 2	0 37	17 19	5 57	14 30	14 40	1 34	17 23	6 1
T 3	13 57 17	16 4	4 45	21 0	1 31	21 50	0 34	20 11	0 42	1 4	1 9	17 21	1 20	11 19	0 44	22 2	0 37	17 20	5 57	14 27	14 39	1 32	17 22	6 2
F 4	13 37 14	48 4	5 9	20 44	1 36	21 44	0 31	20 19	0 41	0 58	1 9	17 23	1 20	11 18	0 44	22 2	0 37	17 20	5 57	14 23	14 38	1 30	17 21	6 2
S 5	13 17 11	44 4	5 9	20 26	1 41	21 37	0 28	20 26	0 40	0 53	1 9	17 24	1 20	11 17	0 44	22 3	0 37	17 20	5 56	14 19	14 37	1 28	17 21	6 3
S 6	12 57 8	12 4	4 45	20 7	1 45	21 29	0 24	20 33	0 39	0 48	1 9	17 26	1 20	11 16	0 44	22 3	0 37	17 20	5 56	14 14	14 36	1 26	17 20	6 3
M 7	12 36 4	23 4	4 19	19 46	1 49	21 21	0 21	20 40	0 39	0 42	1 9	17 27	1 20	11 14	0 44	22 3	0 37	17 20	5 56	14 10	14 35	1 24	17 19	6 4
T 8	12 16 0	25 3	4 42	19 24	1 53	21 12	0 18	20 47	0 38	0 37	1 9	17 29	1 20	11 13	0 44	22 3	0 37	17 20	5 56	14 6	14 34	1 21	17 19	6 4
W 9	11 55 3n34	2 55	19 0	1 56	21 3	0 15	20 53	0 37	0 32	1 9	17 30	1 20	11 12	0 44	22 3	0 37	17 20	5 56	14 4	14 33	1 19	17 18	6 4	
T 10	11 33 7	24 2	1 18	36 1	59 20	53 0	11 21	0 36	0 26	1 9	17 31	1 20	11 11	0 44	22 3	0 37	17 21	5 56	14 2	14 32	1 17	17 17	6 5	
F 11	11 12 10	59 1	1 18	9 2	2 20	42 0	8 21	6 0	35 0	21 1	9 17	33 1	20 11	10 0	44 22	4	0 36	17 21	5 55	14 1	14 31	1 15	17 17	6 5
S 12	10 51 14	8 0s 3	17 42	2 4	20 31	0 5	21 13	0 35	0 15	1 8	17 34	1 20	11 8	0 44	22 4	0 36	17 21	5 55	14 1	14 30	1 13	17 16	6 6	
S 13	10 29 16	44 1	7 17	12 2	6 20	19 0	2 21	19 0	34 0	10 1	8 17	36 1	20 11	7 0	44 22	4	0 36	17 21	5 55	14 1	14 29	1 11	17 16	6 6
M14	10 7 18	37 2	10 16	42 2	7 20	6 0s 1	21 25	0 33	0 4	1 8	17 37	1 20	11 6	0 44	22 4	0 36	17 21	5 55	14 1	14 28	1 9	17 15	6 7	
T 15	9 45 19	35 3	9 16	10 2	8 19	53 0	4 21	31 0	32 0n 1	1 8	17 38	1 20	11 5	0 44	22 4	0 36	17 21	5 55	14 1	14 27	1 7	17 14	6 7	
W16	9 23 19	31 3	5 9	15 36 2	9 19	40 0	7 21	37 0	31 0	7 1	8 17	40 1	21 11	3 0	44 22	4	0 36	17 22	5 55	14 0	14 26	1 5	17 14	6 8
T 17	9 1 18	19 4	37 15	1 2	9 19	25 0	11 21	42 0	30 0	12 1	8 17	41 1	21 11	2 0	44 22	4	0 36	17 22	5 54	13 58	14 25	1 3	17 13	6 8
F 18	8 39 15	56 5	0 14	25 2	9 19	11 0	14 21	48 0	29 0	18 1	8 17	42 1	21 11	1 0	44 22	4	0 36	17 22	5 54	13 56	14 24	1 1	17 12	6 9
S 19	8 16 12	29 5	4 13	47 2	8 18	55 0	17 21	53 0	28 0	24 1	8 17	44 1	21 11	0 0	44 22	5	0 36	17 22	5 54	13 53	14 23	0 58	17 11	6 9
S 20	7 53 8	9 4	4 47	13 8 2	7 18	39 0	19 21	59 0	27 0	29 1	8 17	45 1	21 10	58 0	44 22	5	0 36	17 22	5 54	13 50	14 22	0 56	17 11	6 10
M21	7 31 3	14 4	10 12	28 2	5 18	23 0	22 22	4 0																

SWISS EPHEMERIS for the year 1418

MARCH 1418 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	11 7 51	18°50'33	4°35'53	17°52'52	18°55'55	18°57'00	5°57'55	14°R 9	3°57'54	14°R47	21°II47	6°R29	7°M59	19°K29	7°Z22
W 2	11 11 48	19°50'12	17°21	19°50	20° 8	18°33	6° 9	14°Ω 6	3°57	14°Ω46	21°47	6°M25	7°56	19°36	7°25
T 3	11 15 44	20°49'49	29°36	21°49	21°21	19° 6	6°24	14° 2	4° 1	14°46	21°47	6°20	7°52	19°43	7°28
F 4	11 19 41	21°49'24	11°34'41	23°49	22°35	19°38	6°38	13°59	4° 4	14°45	21°47	6°13	7°49	19°49	7°31
S 5	11 23 37	22°48'58	23°39	25°49	23°48	20°11	6°52	13°56	4° 7	14°45	21°47	6° 4	7°46	19°56	7°33
S 6	11 27 34	23°48'29	5°K33	27°50	25° 2	20°43	7° 6	13°53	4°11	14°44	21°48	5°56	7°43	20° 3	7°36
M 7	11 31 31	24°47'58	17°23	29°52	26°15	21°15	7°21	13°49	4°14	14°44	21°48	5°48	7°40	20° 9	7°39
T 8	11 35 27	25°47'26	29°13	1°Y53	27°28	21°47	7°35	13°46	4°17	14°44	21°48	5°42	7°36	20°16	7°41
W 9	11 39 24	26°46'51	11°Y 3	3°55	28°42	22°19	7°49	13°44	4°20	14°43	21°48	5°37	7°33	20°23	7°43
T 10	11 43 20	27°46'14	22°56	5°56	29°55	22°51	8° 4	13°41	4°24	14°43	21°49	5°34	7°30	20°29	7°46
F 11	11 47 17	28°45'35	4°B54	7°57	1°K 9	23°23	8°18	13°38	4°27	14°43	21°49	5°D33	7°27	20°36	7°48
S 12	11 51 13	29°44'53	17° 0	9°57	2°22	23°55	8°33	13°35	4°30	14°43	21°49	5°34	7°24	20°43	7°50
S 13	11 55 10	0°Y44'10	29°17	11°55	3°36	24°26	8°47	13°33	4°33	14°42	21°50	5°35	7°21	20°49	7°52
M14	11 59 6	1°43'24	11°II49	13°52	4°49	24°57	9° 1	13°30	4°36	14°42	21°50	5°37	7°17	20°56	7°54
T 15	12 3 3	2°42'36	24°40	15°47	6° 2	25°28	9°16	13°28	4°40	14°42	21°50	5°38	7°14	21° 3	7°56
W16	12 7 0	3°41'45	7°Ω53	17°39	7°16	25°59	9°30	13°26	4°43	14°42	21°51	5°R38	7°11	21°10	7°58
T 17	12 10 56	4°40'52	21°32	19°29	8°29	26°30	9°45	13°24	4°46	14°42	21°51	5°37	7° 8	21°16	8° 0
F 18	12 14 53	5°39'57	5°Ω38	21°15	9°43	27° 1	9°59	13°22	4°49	14°D42	21°52	5°35	7° 5	21°23	8° 2
S 19	12 18 49	6°39'00	20° 9	22°58	10°56	27°31	10°14	13°20	4°52	14°42	21°52	5°31	7° 1	21°30	8° 3
S 20	12 22 46	7°38'00	5°II 2	24°37	12°10	28° 2	10°28	13°18	4°55	14°42	21°53	5°27	6°58	21°36	8° 5
M21	12 26 42	8°36'57	20°10	26°12	13°23	28°32	10°42	13°16	4°58	14°42	21°53	5°24	6°55	21°43	8° 6
T 22	12 30 39	9°35'53	5°Ω23	27°42	14°36	29° 2	10°57	13°14	5° 1	14°42	21°54	5°21	6°52	21°50	8° 8
W23	12 34 35	10°34'46	20°31	29° 8	15°50	29°32	11°11	13°13	5° 4	14°43	21°54	5°19	6°49	21°56	8° 9
T 24	12 38 32	11°33'38	5°II26	0°B28	17° 3	0°Z 1	11°26	13°11	5° 7	14°43	21°55	5°D18	6°46	22° 3	8°10
F 25	12 42 28	12°32'28	19°59	1°43	18°17	0°31	11°40	13°10	5°10	14°43	21°55	5°19	6°42	22°10	8°11
S 26	12 46 25	13°31'16	4°K 6	2°53	19°30	1° 0	11°55	13° 9	5°13	14°43	21°56	5°20	6°39	22°16	8°12
S 27	12 50 22	14°30'02	17°47	3°57	20°44	1°29	12° 9	13° 8	5°16	14°44	21°57	5°21	6°36	22°23	8°13
M28	12 54 18	15°28'46	1°Z 0	4°55	21°57	1°58	12°24	13° 7	5°18	14°44	21°57	5°23	6°33	22°30	8°14
T 29	12 58 15	16°27'29	13°50	5°48	23°11	2°26	12°38	13° 6	5°21	14°44	21°58	5°R23	6°30	22°36	8°15
W30	13 2 11	17°26'10	26°20	6°34	24°24	2°55	12°53	13° 5	5°24	14°45	21°59	5°23	6°27	22°43	8°16
T 31	13 6 8	18°Y24'49	8°Ω34	7°B15	25°K38	3°Z23	13°Y 7	13°Ω 4	5°K27	14°Ω45	21°II59	5°M22	6°M23	22°K50	8°Z16

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	4s26	19s 3	4n23	6s14	1s33	15s54	0s44	22s41	0n18	1n20	1s 7	17n55	1n21	10s47	0s44	22n 6	0s36	17n24	5s52	13s43	14s13	0s38	17s 4	6n15
W 2	4 2 17	34 4	5 1	5 22	1 27	15 33	0 46	22 45	0 17	1 26	1 7	17 56	1 21	10 46	0 44	22 6	0 36	17 24	5 52	13 42	14 12	0 36	17 4	6 15
T 3	3 39	15 18	5 6	4 29	1 20	15 12	0 49	22 48	0 15	1 31	1 7	17 57	1 21	10 45	0 44	22 6	0 36	17 24	5 52	13 40	14 11	0 33	17 3	6 16
F 4	3 15	12 25	5 7	3 34	1 12	14 10	0 51	22 52	0 14	1 37	1 7	17 58	1 21	10 44	0 44	22 6	0 36	17 25	5 52	13 38	14 10	0 31	17 2	6 16
S 5	2 52	9 3	4 54	2 39	1 4	14 28	0 53	22 56	0 13	1 43	1 7	17 59	1 21	10 42	0 44	22 6	0 36	17 25	5 51	13 35	14 9	0 29	17 2	6 17
S 6	2 28	5 20	4 29	1 43	0 56	14 6	0 56	23 0	0 12	1 48	1 7	18 0	1 21	10 41	0 44	22 6	0 36	17 25	5 51	13 32	14 8	0 27	17 1	6 17
M 7	2 4	1 27	3 52	0 46	0 47	13 43	0 58	23 3	0 10	1 54	1 7	18 1	1 21	10 40	0 44	22 6	0 36	17 25	5 51	13 30	14 6	0 25	17 0	6 18
T 8	1 41	2n30	3 5	0n11	0 37	13 20	1 0	23 6	0 9	2 0	1 7	18 2	1 21	10 39	0 44	22 6	0 36	17 25	5 51	13 28	14 5	0 23	17 0	6 18
W 9	1 17	6 22	2 9	1 9	0 27	12 56	1 2	23 10	0 8	2 6	1 7	18 3	1 21	10 38	0 44	22 6	0 36	17 26	5 51	13 26	14 4	0 21	16 59	6 19
T 10	0 53	10 0	1 8	2 7	0 17	12 32	1 4	23 13	0 7	2 11	1 7	18 3	1 21	10 36	0 44	22 6	0 36	17 26	5 50	13 25	14 3	0 19	16 58	6 20
F 11	0 30	13 15	0 4	3 4	0 6	12 8	1 6	23 16	0 5	2 17	1 7	18 4	1 21	10 35	0 44	22 6	0 36	17 26	5 50	13 25	14 2	0 17	16 57	6 20
S 12	0 6	15 58	1s 2	4 2	0n 6	11 43	1 8	23 19	0 4	2 23	1 6	18 5	1 21	10 34	0 44	22 6	0 36	17 26	5 50	13 25	14 1	0 15	16 57	6 21
S 13	0n18	18 0	2 6	4 59	0 17	11 18	1 10	23 21	0 2	2 28	1 6	18 6	1 21	10 33	0 44	22 7	0 36	17 26	5 50	13 26	14 0	0 13	16 56	6 21
M14	0 41	19 13	3 5	5 56	0 29	10 53	1 12	23 24	0 1	2 34	1 6	18 6	1 21	10 32	0 44	22 7	0 36	17 27	5 50	13 26	13 59	0 11	16 55	6 22
T 15	1 5	19 28	3 57	6 51	0 41	10 28	1 13	23 27	0s 1	2 40	1 6	18 7	1 21	10 31	0 44	22 7	0 36	17 27	5 50	13 26	13 58	0 9	16 55	6 23
W16	1 28	18 40	4 37	7 45	0 52	10 2	1 15	23 29	0 2	2 46	1 6	18 8	1 21	10 30	0 44	22 7	0 36	17 27	5 49	13 27	13 57	0 7	16 54	6 23
T 17	1 52	16 47	5 4	8 38	1 4	9 36	1 17	23 31	0 4	2 51	1 6	18 8	1 21	10 28	0 44	22 7	0 36	17 27	5 49	13 26	13 56	0 4	16 53	6 24
F 18	2 15	13 51	5 13	9 29	1 16	9 9	1 18	23 34	0 5	2 57	1 6	18 9	1 20	10 27	0 44	22 7	0 35	17 27	5 49	13 25	13 55	0 2	16 52	6 24
S 19	2 39	10 1	5 3	10 19	1 27	8 43	1 19	23 36	0 7	3 3	1 6	18 9	1 20	10 26	0 44	22 7	0 35	17 28	5 49	13 24	13 54	0 0	16 52	6 25
S 20	3 2	5 28	4 33	11 6	1 39	8 16	1 21	23 38	0 8	3 8	1 6	18 10	1 20	10 25	0 44	22 7	0 35	17 28	5 49	13 23	13 53	0n 2	16 51	6 26
M21	3 26	0 29	3 43	11 51	1 49	7 49	1 22	23 40	0 10	3 14	1 6	18 10	1 20	10 24	0 44	22 7	0 35	17 28	5 48	13 22	13 52	0	4 16 50	6 26
T 22	3 49	4s33	2 37	12 33	2 0	7 22	1 23	23 42	0 11	3 20	1 6	18 11	1 20	10 23	0 44	22 7	0 35	17 28	5 48	13 21	13 51	0 6	16 50	6 27
W23	4 12	9 17	1 21	13 13	2 9	6 54	1 25	23 44	0 13	3 26	1 6	18 11	1 20	10 22	0 44	22 7	0 35	17 28	5 48	13 20	13 50	0 8	16 49	6 27
T 24	4 35	13 22	0n 1	13 50	2 19	6 26	1 26	23 46	0 15	3 31	1 6	18 12	1 20	10 21	0 44	22 7	0 35	17 29	5 48	13 20	13 49	0 10	16 48	6 28
F 25	4 58	16 30	1 20	14 24	2 27	5 59	1 27	23 47	0 17	3 37	1 6	18 12	1 20	10 20	0 44	22 7	0 35	17 29	5 48	13 20	13 48	0 12	16 48	6 29
S 26	5 21	18 32	2 32	14 56	2 35	5 31	1 28	23 49	0 18	3 43	1 6	18 12	1 20	10 19	0 44	22 7	0 35	17 29	5 48	13 20	13 47	0 14	16 47	6 29
S 27	5 44	19 24	3 33	15 24	2 42	5 2	1 28	23 50	0 20	3 48	1 6	18 12	1 20	10 18	0 44	22 7	0 35	17 29	5 47	13 21	13 46	0 16	16 46	6 30
M28	6 7	19 10	4 21	15 50	2 47	4 34	1 29	23 52	0 22	3 54	1 6	18 13	1 20	10 17	0 44	22 7	0 35	17 29	5 47	13 21	13 45	0 18	16 46	6 30
T 29	6 29	17 55	4 54	16 12	2 52	4 6	1 30	23 53	0 24	4 0	1 6	18 13	1 20											

SWISS EPHEMERIS for the year 1418

APRIL 1418 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	13 10 4	19°23'27"	20°36'	7♁49	26♁51	3♁51	13°21'	13°R 4	5♁30	14♁46	22°II 0	5°R20	6♁20	22♁56	8♁17
S 2	13 14 1	20°22'02"	2♁30	8°17'	28° 4'	4°19'	13°36'	13°Ω 3	5°32'	14°46'	22° 1'	5°R18	6°17'	23° 3'	8°17'
S 3	13 17 57	21°20'36"	14°20'	8°40'	29°18'	4°46'	13°50'	13° 3'	5°35'	14°47'	22° 2'	5°16'	6°14'	23°10'	8°18'
M 4	13 21 54	22°19'08"	26° 9'	8°56'	0°Y31	5°14'	14° 5'	13° 2'	5°37'	14°47'	22° 2'	5°14'	6°11'	23°16'	8°18'
T 5	13 25 51	23°17'39"	8°Y 0'	9° 6'	1°45'	5°41'	14°19'	13° 2'	5°40'	14°48'	22° 3'	5°12'	6° 7'	23°23'	8°18'
W 6	13 29 47	24°16'07"	19°54'	9°R10	2°58'	6° 7'	14°33'	13°D 2	5°43'	14°48'	22° 4'	5°11'	6° 4'	23°30'	8°18'
T 7	13 33 44	25°14'34"	1♁55	9° 9'	4°12'	6°34'	14°48'	13° 2'	5°45'	14°49'	22° 5'	5°D11	6° 1'	23°37'	8°R18
F 8	13 37 40	26°12'59"	14° 4'	9° 2'	5°25'	7° 0'	15° 2'	13° 2'	5°48'	14°50'	22° 6'	5°11'	5°58'	23°43'	8°18'
S 9	13 41 37	27°11'21"	26°22'	8°49'	6°39'	7°26'	15°16'	13° 3'	5°50'	14°50'	22° 7'	5°11'	5°55'	23°50'	8°18'
S 10	13 45 33	28° 9'42"	8°II52	8°32'	7°52'	7°52'	15°31'	13° 3'	5°53'	14°51'	22° 8'	5°12'	5°52'	23°57'	8°18'
M11	13 49 30	29° 8'01"	21°36'	8°10'	9° 6'	8°17'	15°45'	13° 4'	5°55'	14°52'	22° 9'	5°13'	5°48'	24° 3'	8°18'
T 12	13 53 26	0♁ 6'18"	4♁35	7°44'	10°19'	8°42'	15°59'	13° 4'	5°57'	14°53'	22°10'	5°13'	5°45'	24°10'	8°17'
W13	13 57 23	1° 4'33"	17°53'	7°15'	11°33'	9° 7'	16°13'	13° 5'	6° 0'	14°54'	22°10'	5°14'	5°42'	24°17'	8°17'
T 14	14 1 20	2° 2'46"	1♁29	6°43'	12°46'	9°31'	16°27'	13° 6'	6° 2'	14°55'	22°11'	5°R14	5°39'	24°23'	8°16'
F 15	14 5 16	3° 0'56"	15°26'	6° 8'	13°59'	9°55'	16°42'	13° 7'	6° 4'	14°56'	22°12'	5°14'	5°36'	24°30'	8°16'
S 16	14 9 13	3°59'05"	29°42'	5°31'	15°13'	10°19'	16°56'	13° 8'	6° 6'	14°56'	22°13'	5°13'	5°32'	24°37'	8°15'
S 17	14 13 9	4°57'11"	14°II15	4°54'	16°26'	10°43'	17°10'	13° 9'	6° 8'	14°57'	22°14'	5°D13	5°29'	24°43'	8°14'
M18	14 17 6	5°55'16"	29° 1'	4°16'	17°40'	11° 6'	17°24'	13°10'	6°11'	14°58'	22°16'	5°13'	5°26'	24°50'	8°13'
T 19	14 21 2	6°53'18"	13°II54	3°38'	18°53'	11°29'	17°38'	13°11'	6°13'	14°59'	22°17'	5°14'	5°23'	24°57'	8°12'
W20	14 24 59	7°51'19"	28°47'	3° 1'	20° 7'	11°51'	17°52'	13°13'	6°15'	15° 1'	22°18'	5°R14	5°20'	25° 3'	8°11'
T 21	14 28 55	8°49'18"	13°III31	2°26'	21°20'	12°13'	18° 6'	13°14'	6°17'	15° 2'	22°19'	5°14'	5°17'	25°10'	8°10'
F 22	14 32 52	9°47'16"	28° 1'	1°53'	22°34'	12°35'	18°20'	13°16'	6°19'	15° 3'	22°20'	5°13'	5°13'	25°17'	8° 9'
S 23	14 36 49	10°45'12"	12°I 9'	1°22'	23°47'	12°56'	18°34'	13°18'	6°21'	15° 4'	22°21'	5°13'	5°10'	25°23'	8° 8'
S 24	14 40 45	11°43'06"	25°54'	0°55'	25° 0'	13°17'	18°47'	13°19'	6°23'	15° 5'	22°22'	5°12'	5° 7'	25°30'	8° 6'
M25	14 44 42	12°41'00"	9♁14	0°31'	26°14'	13°38'	19° 1'	13°21'	6°24'	15° 6'	22°23'	5°11'	5° 4'	25°37'	8° 5'
T 26	14 48 38	13°38'52"	22°10'	0°11'	27°27'	13°58'	19°15'	13°23'	6°26'	15° 8'	22°24'	5°11'	5° 1'	25°43'	8° 4'
W27	14 52 35	14°36'43"	4♁44	29°Y56	28°41'	14°18'	19°29'	13°25'	6°28'	15° 9'	22°26'	5°10'	4°58'	25°50'	8° 2'
T 28	14 56 31	15°34'32"	17° 0'	29°44'	29°54'	14°37'	19°43'	13°28'	6°30'	15°10'	22°27'	5°D10	4°54'	25°57'	8° 0'
F 29	15 0 28	16°32'20"	29° 3'	29°37'	1♁ 8'	14°56'	19°56'	13°30'	6°31'	15°11'	22°28'	5°10'	4°51'	26° 3'	7°59'
S 30	15 4 24	17°30'07"	10°II57	29°D35	2♁21	15°14'	20°Y10	13°Ω33	6°I33	15°13'	22°II29	5°II11	4°II48	26°I10	7°57'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	7n37	9s51	5n 5	17n 0	3n 1	2s40	1s32	23s57	0s30	4n16	1s 6	18n13	1n20	10s13	0s44
S 2	7 59	6 14	4 41	17 10	3 1	2 11	1 32	23 58	0 32	4 22	1 6	18 13	1 20	10 12	0 44
S 3	8 21	2 24	4 6	17 16	3 0	1 42	1 33	23 59	0 34	4 28	1 6	18 14	1 20	10 11	0 44
M 4	8 43	1n31	3 20	17 20	2 58	1 13	1 33	24 0	0 36	4 33	1 6	18 14	1 20	10 10	0 44
T 5	9 5	5 24	2 25	17 20	2 55	0 44	1 33	24 1	0 38	4 39	1 6	18 14	1 20	10 9	0 44
W 6	9 26	9 6	1 24	17 17	2 50	0 15	1 33	24 2	0 40	4 44	1 6	18 14	1 20	10 8	0 44
T 7	9 48	12 28	0 18	17 10	2 44	0n15	1 33	24 3	0 42	4 50	1 6	18 13	1 20	10 7	0 44
F 8	10 9	15 20	0s49	17 1	2 36	0 44	1 34	24 4	0 44	4 55	1 6	18 13	1 19	10 6	0 44
S 9	10 30	17 32	1 55	16 49	2 28	1 13	1 33	24 5	0 47	5 1	1 6	18 13	1 19	10 5	0 44
S 10	10 51	18 57	2 56	16 34	2 18	1 42	1 33	24 5	0 49	5 6	1 6	18 13	1 19	10 4	0 44
M11	11 12	19 25	3 50	16 16	2 6	2 11	1 33	24 6	0 51	5 12	1 6	18 13	1 19	10 4	0 45
T 12	11 33	18 53	4 34	15 56	1 54	2 40	1 33	24 7	0 54	5 17	1 6	18 13	1 19	10 3	0 45
W13	11 53	17 18	5 3	15 33	1 40	3 9	1 33	24 8	0 56	5 23	1 6	18 12	1 19	10 2	0 45
T 14	12 13	14 44	5 17	15 9	1 26	3 39	1 32	24 8	0 58	5 28	1 6	18 12	1 19	10 1	0 45
F 15	12 33	11 17	5 13	14 43	1 10	4 7	1 32	24 9	1 1	5 34	1 6	18 12	1 19	10 0	0 45
S 16	12 53	7 6	4 49	14 15	0 54	4 36	1 31	24 10	1 3	5 39	1 6	18 11	1 19	9 59	0 45
S 17	13 13	2 25	4 7	13 47	0 37	5 5	1 31	24 11	1 6	5 44	1 6	18 11	1 19	9 59	0 45
M18	13 32	2s29	3 8	13 18	0 20	5 34	1 30	24 11	1 9	5 50	1 6	18 11	1 19	9 58	0 45
T 19	13 51	7 17	1 56	12 49	0 3	6 2	1 29	24 12	1 11	5 55	1 6	18 10	1 19	9 57	0 45
W20	14 10	11 38	0 36	12 20	0s14	6 31	1 29	24 13	1 14	6 0	1 6	18 10	1 19	9 56	0 45
T 21	14 29	15 13	0n46	11 52	0 31	6 59	1 28	24 13	1 17	6 6	1 7	18 9	1 19	9 56	0 45
F 22	14 48	17 47	2 3	11 25	0 48	7 28	1 27	24 14	1 20	6 11	1 7	18 9	1 19	9 55	0 45
S 23	15 6	19 10	3 11	10 59	1 5	7 56	1 26	24 15	1 22	6 16	1 7	18 8	1 19	9 54	0 45
S 24	15 24	19 21	4 6	10 34	1 21	8 23	1 25	24 16	1 25	6 21	1 7	18 8	1 19	9 54	0 45
M25	15 42	18 27	4 45	10 12	1 36	8 51	1 24	24 16	1 28	6 27	1 7	18 7	1 18	9 53	0 45
T 26	15 59	16 36	5 9	9 51	1 50	9 19	1 23	24 17	1 31	6 32	1 7	18 6	1 18	9 52	0 45
W27	16 16	14 0	5 17	9 33	2 4	9 46	1 22	24 18	1 34	6 37	1 7	18 6	1 18	9 52	0 45
T 28	16 33	10 51	5 11	9 17	2 17	10 13	1 20	24 19	1 37	6 42	1 7	18 5	1 18	9 51	0 45
F 29	16 50	7 18	4 50	9 3	2 29	10 40	1 19	24 20	1 40	6 47	1 7	18 4	1 18	9 51	0 45
S 30	17n 6	3s31	4n18	8n52	2s40	11n 7	1s18	24s21	1s44	6n52	1s 7	18n 3	1n18	9s50	0s45

Julian Day Number = 2239072.5, Delta T = 292.86 sec

Ecliptic obliquity = 23°30'47", Nutation = 0°00'10"

Ayanamsha: Fagan/Bradley = 16°37'29", Lahiri = 15°44'29" Julian Calendar 1 Apr. 1418 == Greg. Calendar 10 Apr. 1418

SWISS EPHEMERIS for the year 1418

MAY 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
S 1	15 8 21	18°27'53	22°47	29°37	3°35	15°32	20°23	13°35	6°35	15°14	22°30	5°12	4°45	26°17	7°55
M 2	15 12 18	19°25'37	4°36	29°44	4°48	15°50	20°37	13°38	6°36	15°15	22°32	5°13	4°42	26°23	7°53
T 3	15 16 14	20°23'21	16°30	29°55	6°2	16°7	20°50	13°40	6°38	15°17	22°33	5°15	4°38	26°30	7°51
W 4	15 20 11	21°21'03	28°30	0°10	7°15	16°23	21°4	13°43	6°39	15°18	22°34	5°15	4°35	26°37	7°49
T 5	15 24 7	22°18'44	10°41	0°31	8°28	16°39	21°17	13°46	6°40	15°20	22°35	5°R15	4°32	26°43	7°47
F 6	15 28 4	23°16'24	23°4	0°55	9°42	16°55	21°30	13°49	6°42	15°21	22°37	5°14	4°29	26°50	7°45
S 7	15 32 0	24°14'03	5°13	1°24	10°55	17°9	21°44	13°52	6°43	15°23	22°38	5°13	4°26	26°57	7°43
S 8	15 35 57	25°11'40	18°29	1°57	12°9	17°24	21°57	13°56	6°44	15°24	22°39	5°10	4°23	27°4	7°40
M 9	15 39 53	26°9'16	1°33	2°33	13°22	17°37	22°10	13°59	6°46	15°26	22°41	5°7	4°19	27°10	7°38
T 10	15 43 50	27°6'50	14°51	3°14	14°36	17°51	22°23	14°2	6°47	15°28	22°42	5°4	4°16	27°17	7°36
W 11	15 47 47	28°4'24	28°22	3°59	15°49	18°3	22°36	14°6	6°48	15°29	22°43	5°1	4°13	27°24	7°33
T 12	15 51 43	29°1'55	12°6	4°47	17°3	18°15	22°49	14°9	6°49	15°31	22°45	5°0	4°10	27°30	7°30
F 13	15 55 40	29°59'26	26°3	5°39	18°16	18°27	23°2	14°13	6°50	15°32	22°46	4°D59	4°7	27°37	7°28
S 14	15 59 36	0°11'56'55	10°10	6°34	19°30	18°38	23°15	14°17	6°51	15°34	22°47	4°59	4°4	27°44	7°25
S 15	16 3 33	1°54'22	24°27	7°32	20°43	18°48	23°28	14°21	6°52	15°36	22°49	5°0	4°0	27°50	7°22
M 16	16 7 29	2°51'48	8°51	8°34	21°57	18°57	23°40	14°25	6°53	15°38	22°50	5°1	3°57	27°57	7°20
T 17	16 11 26	3°49'13	23°18	9°40	23°10	19°6	23°53	14°29	6°54	15°39	22°51	5°3	3°54	28°4	7°17
W 18	16 15 22	4°46'37	7°46	10°48	24°24	19°15	24°6	14°33	6°55	15°41	22°53	5°R3	3°51	28°10	7°14
T 19	16 19 19	5°44'00	22°8	11°59	25°37	19°22	24°18	14°37	6°55	15°43	22°54	5°2	3°48	28°17	7°11
F 20	16 23 16	6°41'22	6°20	13°14	26°51	19°29	24°31	14°41	6°56	15°45	22°56	4°59	3°44	28°24	7°8
S 21	16 27 12	7°38'43	20°18	14°31	28°4	19°36	24°43	14°45	6°57	15°46	22°57	4°56	3°41	28°30	7°5
S 22	16 31 9	8°36'03	3°35	15°52	29°18	19°41	24°55	14°50	6°57	15°48	22°58	4°51	3°38	28°37	7°2
M 23	16 35 5	9°33'22	17°14	17°15	0°11	19°46	25°8	14°54	6°58	15°50	23°0	4°45	3°35	28°44	6°59
T 24	16 39 2	10°30'41	0°10	18°41	1°45	19°50	25°20	14°59	6°58	15°52	23°1	4°40	3°32	28°50	6°56
W 25	16 42 58	11°28'00	12°45	20°11	2°58	19°54	25°32	15°4	6°59	15°54	23°3	4°35	3°29	28°57	6°52
T 26	16 46 55	12°25'17	25°3	21°43	4°12	19°56	25°44	15°8	6°59	15°56	23°4	4°32	3°25	29°4	6°49
F 27	16 50 51	13°22'35	7°7	23°18	5°25	19°58	25°56	15°13	7°0	15°58	23°5	4°31	3°22	29°10	6°46
S 28	16 54 48	14°19'51	19°1	24°55	6°39	20°0	26°8	15°18	7°0	16°0	23°7	4°D31	3°19	29°17	6°42
S 29	16 58 45	15°17'08	0°51	26°36	7°52	20°R0	26°19	15°23	7°0	16°2	23°8	4°32	3°16	29°24	6°39
M 30	17 2 41	16°14'24	12°42	28°19	9°6	20°0	26°31	15°28	7°1	16°4	23°10	4°33	3°13	29°30	6°36
T 31	17 6 38	17°11'40	24°38	0°11	10°19	19°59	26°43	15°33	7°1	16°6	23°11	4°M35	3°M10	29°37	6°32

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	17n23	0n24	3n34	8n44	2s50	11n33	1s16	24s22	1s47	6n57	1s7	18n3	1n18	9s49	0s45	22n4	0s34	17n36	5s42	13s18	13s9	1n27	16s27	6n50
M 2	17 38	4 18	2 42	8 38	2 58	11 59	1 15	24 24	1 50	7 2	1 7	18 2	1 18	9 49	0 45	22 4	0 34	17 37	5 42	13 18	13 8	1 29	16 27	6 51
T 3	17 54	8 4	1 42	8 34	3 6	12 25	1 13	24 25	1 54	7 7	1 7	18 1	1 18	9 48	0 45	22 4	0 34	17 37	5 42	13 19	13 6	1 31	16 26	6 51
W 4	18 9	11 33	0 37	8 33	3 13	12 15	1 12	24 26	1 57	7 12	1 7	18 0	1 18	9 48	0 45	22 4	0 34	17 37	5 42	13 19	13 5	1 34	16 26	6 52
T 5	18 24	14 36	0 30	8 35	3 19	13 16	1 10	24 28	2 0	7 17	1 7	17 59	1 18	9 47	0 45	22 4	0 34	17 37	5 42	13 19	13 4	1 36	16 25	6 52
F 6	18 39	17 2	1 37	8 39	3 24	13 41	1 9	24 29	2 4	7 22	1 7	17 58	1 18	9 47	0 45	22 4	0 34	17 37	5 42	13 19	13 3	1 38	16 25	6 53
S 7	18 53	18 41	2 40	8 45	3 28	14 5	1 7	24 31	2 8	7 27	1 7	17 57	1 18	9 46	0 45	22 4	0 34	17 37	5 41	13 18	13 2	1 40	16 25	6 53
S 8	19 7	19 25	3 36	8 53	3 31	14 30	1 5	24 33	2 11	7 32	1 8	17 56	1 18	9 46	0 45	22 3	0 34	17 38	5 41	13 17	13 1	1 42	16 24	6 54
M 9	19 21	19 8	4 23	9 4	3 33	14 54	1 3	24 34	2 15	7 37	1 8	17 55	1 18	9 46	0 45	22 3	0 34	17 38	5 41	13 16	13 0	1 44	16 24	6 54
T 10	19 34	17 47	4 55	9 17	3 34	15 17	1 2	24 36	2 19	7 42	1 8	17 54	1 18	9 45	0 46	22 3	0 34	17 38	5 41	13 15	12 59	1 46	16 24	6 55
W 11	19 47	15 27	5 12	9 31	3 34	15 40	1 0	24 38	2 22	7 46	1 8	17 53	1 18	9 45	0 46	22 3	0 34	17 38	5 41	13 14	12 58	1 48	16 23	6 55
T 12	20 0	12 13	5 12	9 48	3 34	16 3	0 58	24 41	2 26	7 51	1 8	17 52	1 18	9 44	0 46	22 3	0 34	17 38	5 41	13 14	12 57	1 50	16 23	6 56
F 13	20 13	8 16	4 54	10 6	3 33	16 26	0 56	24 43	2 30	7 56	1 8	17 51	1 17	9 44	0 46	22 3	0 34	17 39	5 41	13 13	12 56	1 52	16 23	6 56
S 14	20 25	3 48	4 17	10 26	3 31	16 48	0 54	24 45	2 34	8 0	1 8	17 50	1 17	9 44	0 46	22 2	0 34	17 39	5 41	13 13	12 55	1 54	16 23	6 56
S 15	20 36	0s55	3 25	10 48	3 28	17 9	0 52	24 48	2 38	8 5	1 8	17 49	1 17	9 43	0 46	22 2	0 34	17 39	5 41	13 14	12 54	1 56	16 22	6 57
M 16	20 48	5 39	2 19	11 11	3 24	17 30	0 50	24 50	2 42	8 10	1 8	17 47	1 17	9 43	0 46	22 2	0 34	17 39	5 41	13 14	12 52	1 58	16 22	6 57
T 17	20 59	10 4	1 4	11 35	3 20	17 51	0 48	24 53	2 46	8 14	1 8	17 46	1 17	9 43	0 46	22 2	0 34	17 39	5 40	13 15	12 51	2 0	16 22	6 58
W 18	21 9	13 54	0n15	12 1	3 15	18 11	0 46	24 56	2 50	8 19	1 8	17 45	1 17	9 43	0 46	22 2	0 34	17 39	5 40	13 15	12 50	2 2	16 21	6 58
T 19	21 20	16 52	1 32	12 28	3 10	18 31	0 43	24 59	2 54	8 23	1 8	17 44	1 17	9 42	0 46	22 2	0 34	17 39	5 40	13 14	12 49	2 4	16 21	6 58
F 20	21 30	18 45	2 43	12 56	3 4	18 51	0 41	25 2	2 58	8 28	1 9	17 42	1 17	9 42	0 46	22 1	0 34	17 40	5 40	13 14	12 48	2 6	16 21	6 59
S 21	21 39	19 28	3 42	13 26	2 57	19 9	0 39	25 5	3 3	8 32	1 9	17 41	1 17	9 42	0 46	22 1	0 34	17 40	5 40	13 12	12 47	2 8	16 21	6 59
S 22	21 48	19 0	4 28	13 56	2 50	19 28	0 37	25 9	3 7	8 37	1 9	17 40	1 17	9 42	0 46	22 1	0 34	17 40	5 40	13 11	12 46	2 10	16 21	7 0
M 23	21 57	17 29	4 57	14 27	2 42	19 45	0 35	25 12	3 11	8 41	1 9	17 38	1 17	9 42	0 46	22 1	0 34	17 40	5 40	13 9	12 45	2 12	16 20	7 0
T 24	22 6	15 7	5 11	14 58	2 34	20 3	0 32	25 16	3 16	8 45	1 9	17 37	1 17	9 41	0 46	22 1	0 34	17 40	5 40	13 7	12 44	2 14	16 20	7 0
W 25	22 14	12 6	5 8	15 31	2 25	20 19	0 30	25 20	3 20	8 50	1 9	17 36	1 17	9 41	0 46	22 0	0 34	17 40	5 40	13 5	12 43	2 16	16 20	7 1
T 26	22 21	8 37	4 52	16 4	2 16	20 36	0 28	25 24	3 24	8 54	1 9	17 34	1 17	9 41	0 46	22 0	0 34	17 41	5 40	13 4	12 42	2 18	16 20	7 1
F 27	22 28	4 51	4 23	16 37	2 6	20 51	0 25	25 28	3 29	8 58	1 9	17 33	1 17	9 41	0 46	22 0	0 34	17 41	5 40	13 4	12 41	2 20	16 20	7 1
S 28	22 35	0 57	3 43	17 10	1 56	21 6	0 23	25 32	3 33	9 2	1 9	17 31	1 17	9 41	0 46	22 0	0 34	17 41	5 40	13 4	12 39	2 22	16 20	7 1
S 29	22 42	2n59	2 53	17 44	1 46	21 21	0 21	25 36	3 38	9 7	1 10	17 30	1 17	9 41	0 46	22 0	0 34	17 41	5 40	13 4	12 38	2 24	1	

SWISS EPHEMERIS for the year 1418

JUNE 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
W 1	17 10 34	18II 8'55	6♃44	1II54	11II33	19°R57	26V54	15Ω38	7♃ 1	16♁ 8	23II13	4°R35	3III 6	29♃44	6°R29
T 2	17 14 31	19° 6'11	19° 4	3°45	12°47	19♁55	27° 6	15°44	7° 1	16°10	23°14	4III34	3° 3	29°50	6♁25
F 3	17 18 27	20° 3'25	1II40	5°39	14° 0	19°51	27°17	15°49	7°R 1	16°12	23°16	4°31	3° 0	29°57	6°22
S 4	17 22 24	21° 0'40	14°34	7°35	15°14	19°47	27°28	15°54	7° 1	16°14	23°17	4°26	2°57	0V 4	6°18
S 5	17 26 20	21°57'54	27°46	9°34	16°27	19°42	27°39	16° 0	7° 1	16°16	23°18	4°19	2°54	0°10	6°14
M 6	17 30 17	22°55'08	11♁14	11°35	17°41	19°37	27°50	16° 5	7° 1	16°18	23°20	4°11	2°50	0°17	6°11
T 7	17 34 14	23°52'21	24°57	13°38	18°55	19°30	28° 1	16°11	7° 1	16°20	23°21	4° 3	2°47	0°24	6° 7
W 8	17 38 10	24°49'34	8Ω51	15°43	20° 8	19°23	28°12	16°16	7° 0	16°22	23°23	3°56	2°44	0°30	6° 3
T 9	17 42 7	25°46'47	22°53	17°49	21°22	19°16	28°23	16°22	7° 0	16°24	23°24	3°50	2°41	0°37	6° 0
F 10	17 46 3	26°43'58	6III59	19°57	22°36	19° 7	28°34	16°28	7° 0	16°26	23°26	3°46	2°38	0°44	5°56
S 11	17 50 0	27°41'10	21° 9	22° 6	23°49	18°58	28°44	16°34	6°59	16°28	23°27	3°45	2°35	0°50	5°52
S 12	17 53 56	28°38'20	5♁18	24°16	25° 3	18°48	28°55	16°40	6°59	16°31	23°29	3°D45	2°31	0°57	5°49
M13	17 57 53	29°35'31	19°27	26°26	26°17	18°38	29° 5	16°46	6°59	16°33	23°30	3°46	2°28	1° 4	5°45
T 14	18 1 49	0♁32'41	3III34	28°37	27°30	18°27	29°15	16°52	6°58	16°35	23°32	3°R46	2°25	1°10	5°41
W15	18 5 46	1°29'50	17°36	0♁47	28°44	18°15	29°25	16°58	6°58	16°37	23°33	3°45	2°22	1°17	5°37
T 16	18 9 43	2°27'00	1♁33	2°58	29°58	18° 3	29°35	17° 4	6°57	16°39	23°34	3°42	2°19	1°24	5°34
F 17	18 13 39	3°24'09	15°21	5° 8	1♁11	17°50	29°45	17°10	6°56	16°41	23°36	3°37	2°15	1°30	5°30
S 18	18 17 36	4°21'18	28°57	7°17	2°25	17°37	29°55	17°16	6°56	16°44	23°37	3°29	2°12	1°37	5°26
S 19	18 21 32	5°18'27	12♁19	9°25	3°39	17°23	0♁ 5	17°23	6°55	16°46	23°39	3°20	2° 9	1°44	5°22
M20	18 25 29	6°15'36	25°25	11°32	4°52	17° 8	0°14	17°29	6°54	16°48	23°40	3° 9	2° 6	1°50	5°19
T 21	18 29 25	7°12'46	8♁13	13°38	6° 6	16°54	0°24	17°35	6°53	16°50	23°42	2°59	2° 3	1°57	5°15
W22	18 33 22	8° 9'56	20°44	15°42	7°20	16°39	0°33	17°42	6°53	16°52	23°43	2°49	2° 0	2° 4	5°11
T 23	18 37 18	9° 7'06	3♃ 0	17°45	8°34	16°23	0°42	17°48	6°52	16°55	23°44	2°42	1°56	2°10	5° 7
F 24	18 41 15	10° 4'16	15° 3	19°46	9°47	16° 7	0°51	17°55	6°51	16°57	23°46	2°37	1°53	2°17	5° 4
S 25	18 45 12	11° 1'27	26°56	21°46	11° 1	15°51	1° 0	18° 1	6°50	16°59	23°47	2°34	1°50	2°24	5° 0
S 26	18 49 8	11°58'38	8V46	23°44	12°15	15°35	1° 9	18° 8	6°49	17° 1	23°49	2°D33	1°47	2°30	4°56
M27	18 53 5	12°55'50	20°37	25°40	13°29	15°18	1°18	18°15	6°48	17° 3	23°50	2°33	1°44	2°37	4°53
T 28	18 57 1	13°53'03	2♁34	27°34	14°43	15° 1	1°26	18°21	6°46	17° 6	23°51	2°R33	1°41	2°44	4°49
W29	19 0 58	14°50'16	14°42	29°26	15°56	14°44	1°35	18°28	6°45	17° 8	23°53	2°33	1°37	2°50	4°45
T 30	19 4 54	15°47'30	27♁ 7	1Ω17	15°10	14°27	1♁43	18Ω35	6♃44	17♁10	23II54	2III30	1III34	2V57	4♁41

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	22n59	13n37	0s12	19n24	1s13	22n 1	0s14	25s50	3s52	9n19	1s10	17n25	1n17	9s41	0s46	21n59	0s33	17n41	5s39	13s 5	12s35	2n29	16s19	7n 3
T 2	23 4 16 18	1 18 19 57	1 22 22 13	0 11 25 55	3 56 9 23	1 10 17 23	1 17 9 41	0 46 21 59	0 33 17 42	5 39 13 5	12 34 2 31	16 19 7 3												
F 3	23 8 18 15	2 21 20 29	0 51 22 24	0 9 26 0	4 1 9 27	1 10 17 22	1 17 9 41	0 46 21 58	0 33 17 42	5 39 13 4	12 33 2 33	16 19 7 3												
S 4	23 12 19 19	3 19 21 0	0 39 22 35	0 7 26 6	4 5 9 31	1 10 17 20	1 17 9 41	0 46 21 58	0 33 17 42	5 39 13 2	12 32 2 35	16 19 7 3												
S 5	23 16 19 22	4 7 21 30	0 28 22 45	0 4 26 11	4 10 9 35	1 10 17 18	1 17 9 41	0 47 21 58	0 33 17 42	5 39 13 0	12 31 2 37	16 19 7 4												
M 6	23 19 18 20	4 43 21 58	0 17 22 55	0 2 26 16	4 14 9 38	1 11 17 17	1 17 9 41	0 47 21 58	0 33 17 42	5 39 12 57	12 30 2 39	16 19 7 4												
T 7	23 22 16 14	5 3 22 25	0 5 23 4	0n 1 26 22	4 19 9 42	1 11 17 15	1 16 9 41	0 47 21 58	0 33 17 42	5 39 12 55	12 29 2 41	16 19 7 4												
W 8	23 25 13 11	5 6 22 50	0n 6 23 12	0 3 26 27	4 24 9 46	1 11 17 13	1 16 9 41	0 47 21 57	0 33 17 42	5 39 12 52	12 28 2 43	16 19 7 4												
T 9	23 27 9 21	4 50 23 14	0 17 23 19	0 5 26 33	4 28 9 50	1 11 17 12	1 16 9 41	0 47 21 57	0 33 17 42	5 39 12 50	12 26 2 45	16 19 7 4												
F 10	23 28 4 59	4 17 23 35	0 27 23 26	0 8 26 38	4 33 9 53	1 11 17 10	1 16 9 42	0 47 21 57	0 33 17 42	5 39 12 49	12 25 2 47	16 19 7 4												
S 11	23 30 0 20	3 28 23 54	0 37 23 32	0 10 26 44	4 37 9 57	1 11 17 8	1 16 9 42	0 47 21 57	0 33 17 43	5 39 12 48	12 24 2 49	16 19 7 5												
S 12	23 30 4s21	2 27 24 10	0 47 23 38	0 13 26 50	4 41 10 0	1 11 17 6	1 16 9 42	0 47 21 56	0 33 17 43	5 39 12 48	12 23 2 51	16 19 7 5												
M13	23 31 8 48	1 16 24 24	0 56 23 42	0 15 26 56	4 46 10 4	1 12 17 4	1 16 9 42	0 47 21 56	0 33 17 43	5 39 12 49	12 22 2 53	16 19 7 5												
T 14	23 31 12 46	0 1 24 34	1 4 23 47	0 17 27 1	4 50 10 7	1 12 17 3	1 16 9 42	0 47 21 56	0 33 17 43	5 39 12 49	12 21 2 55	16 19 7 5												
W15	23 30 15 58	1n13 24 43	1 12 23 50	0 20 27 7	4 54 10 11	1 12 17 1	1 16 9 43	0 47 21 56	0 33 17 43	5 39 12 48	12 20 2 57	16 19 7 5												
T 16	23 29 18 12	2 23 24 48	1 19 23 53	0 22 27 13	4 58 10 14	1 12 16 59	1 16 9 43	0 47 21 55	0 33 17 43	5 39 12 47	12 19 2 59	16 19 7 5												
F 17	23 28 19 20	3 23 24 50	1 26 23 55	0 24 27 19	5 2 10 18	1 12 16 57	1 16 9 43	0 47 21 55	0 33 17 43	5 39 12 46	12 18 3 1	16 19 7 5												
S 18	23 26 19 20	4 11 24 50	1 31 23 56	0 26 27 25	5 6 10 21	1 12 16 55	1 16 9 43	0 47 21 55	0 33 17 43	5 39 12 43	12 17 3 3	16 19 7 5												
S 19	23 24 18 14	4 44 24 47	1 37 23 56	0 29 27 30	5 10 10 24	1 12 16 53	1 16 9 44	0 47 21 55	0 33 17 43	5 39 12 40	12 15 3 5	16 19 7 5												
M20	23 22 16 11	5 1 24 41	1 41 23 56	0 31 27 36	5 14 10 27	1 13 16 51	1 16 9 44	0 47 21 54	0 33 17 43	5 39 12 36	12 14 3 7	16 19 7 5												
T 21	23 19 13 24	5 2 24 33	1 44 23 55	0 33 27 42	5 18 10 30	1 13 16 49	1 16 9 44	0 47 21 54	0 33 17 44	5 38 12 33	12 13 3 9	16 19 7 5												
W22	23 16 10 3	4 49 24 22	1 47 23 54	0 35 27 47	5 21 10 34	1 13 16 47	1 16 9 45	0 47 21 54	0 33 17 44	5 38 12 29	12 12 3 11	16 19 7 6												
T 23	23 12 6 21	4 23 24 8	1 49 23 51	0 37 27 53	5 25 10 37	1 13 16 45	1 16 9 45	0 47 21 54	0 33 17 44	5 38 12 27	12 11 3 13	16 20 7 6												
F 24	23 8 2 27	3 45 23 52	1 51 23 48	0 39 27 58	5 28 10 40	1 13 16 43	1 16 9 45	0 47 21 53	0 33 17 44	5 38 12 25	12 10 3 15	16 20 7 6												
S 25	23 3 1n30	2 58 23 35	1 51 23 45	0 42 28 3	5 31 10 43	1 13 16 41	1 16 9 46	0 47 21 53	0 33 17 44	5 38 12 24	12 9 3 17	16 20 7 6												
S 26	22 58 5 22	2 3 23 15	1 51 23 40	0 44 28 8	5 35 10 46	1 14 16 39	1 16 9 46	0 47 21 53	0 33 17 44	5 38 12 24	12 8 3 19	16 20 7 6												
M27	22 53 9 3	1 3 22 53	1 51 23 35	0 46 28 13	5 38 10 48	1 14 16 37	1 16 9 47	0 47 21 52	0 33 17 44	5 38 12 24	12 7 3 21	16 20 7 5												
T 28	22 47 12 24	0s 0 22 30	1 49 23 29	0 48 28 18	5 40 10 51	1 14 16 35	1 16 9 47	0 47 21 52	0 33 17 44	5 38 12 24	12 6 3 23	16 20 7 5												
W29	22 41 15 17	1 4 22 5	1 47 23 23	0 50 28 23	5 43 10 54	1 14 16 33	1 16 9 48	0 47 21 52	0 33 17 44	5 38 12 24	12 4 3 25	16 20 7 5												
T 30	22n34	17n31	2s 7	21n38	1n45	23n15	0n52	28s27	5s46	10n57	1s14	16n31	1n16	9s48	0s47	21n52	0s33	17n44	5s38	12s23	12s 3	3n26	16s21	7n 5

Julian Day Number = 2239133.5, Delta T = 292.66 sec

Ecliptic obliquity = 23°30'45", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 16°37'38", Lahiri = 15°44'38" Julian Calendar 1 June 1418 == Greg. Calendar 10 June 1418

SWISS EPHEMERIS for the year 1418

JULY 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
F 1	19 8 51	16°44'45	9°52'	3°52'	18°24'	14°R10	1°51'	18°42'	6°R43	17°52'	23°55'	2°R25	1°M31	3°Y 4	4°R38	
S 2	19 12 47	17°42'00	23° 0'	4°52'	19°38'	13°S53	1°59'	18°49'	6°K42	17°15'	23°57'	2°M18	1°28'	3°10'	4°S34	
S 3	19 16 44	18°39'16	6°30'	6°37'	20°52'	13°36'	2° 7'	18°56'	6°40'	17°17'	23°58'	2° 9'	1°25'	3°17'	4°31'	
M 4	19 20 41	19°36'32	20°21'	8°20'	22° 6'	13°20'	2°15'	19° 3'	6°39'	17°19'	23°59'	1°58'	1°21'	3°24'	4°27'	
T 5	19 24 37	20°33'49	4°20'	10° 1'	23°20'	13° 3'	2°22'	19°10'	6°37'	17°21'	24° 1'	1°46'	1°18'	3°30'	4°24'	
W 6	19 28 34	21°31'07	18°50'	11°41'	24°34'	12°47'	2°30'	19°17'	6°36'	17°23'	24° 2'	1°36'	1°15'	3°37'	4°20'	
T 7	19 32 30	22°28'25	3°16'	13°18'	25°48'	12°30'	2°37'	19°24'	6°34'	17°26'	24° 3'	1°27'	1°12'	3°44'	4°17'	
F 8	19 36 27	23°25'43	17°42'	14°54'	27° 2'	12°15'	2°44'	19°31'	6°33'	17°28'	24° 5'	1°21'	1° 9'	3°50'	4°13'	
S 9	19 40 23	24°23'02	2° 4'	16°28'	28°16'	11°59'	2°51'	19°38'	6°31'	17°30'	24° 6'	1°18'	1° 6'	3°57'	4°10'	
S 10	19 44 20	25°20'21	16°18'	18° 0'	29°29'	11°44'	2°58'	19°45'	6°30'	17°32'	24° 7'	1°17'	1° 2'	4° 4'	4° 6'	
M11	19 48 16	26°17'41	0°M22	19°31'	0°L43	11°29'	3° 5'	19°52'	6°28'	17°35'	24° 9'	1°16'	0°59'	4°10'	4° 3'	
T 12	19 52 13	27°15'01	14°17'	20°59'	1°57'	11°15'	3°11'	19°59'	6°27'	17°37'	24°10'	1°16'	0°56'	4°17'	4° 0'	
W13	19 56 10	28°12'22	28° 1'	22°26'	3°11'	11° 2'	3°18'	20° 7'	6°25'	17°39'	24°11'	1°14'	0°53'	4°24'	3°56'	
T 14	20 0 6	29° 9'43	11°S36	23°50'	4°25'	10°49'	3°24'	20°14'	6°23'	17°41'	24°12'	1°10'	0°50'	4°30'	3°53'	
F 15	20 4 3	0°L 7'05	25° 0'	25°13'	5°39'	10°36'	3°30'	20°21'	6°21'	17°43'	24°14'	1° 4'	0°47'	4°37'	3°50'	
S 16	20 7 59	1° 4'28	8°S14	26°34'	6°53'	10°24'	3°36'	20°29'	6°20'	17°46'	24°15'	0°54'	0°43'	4°44'	3°47'	
S 17	20 11 56	2° 1'51	21°15'	27°53'	8° 7'	10°13'	3°42'	20°36'	6°18'	17°48'	24°16'	0°42'	0°40'	4°50'	3°44'	
M18	20 15 52	2°59'16	4°S 3	29°10'	9°21'	10° 2'	3°47'	20°43'	6°16'	17°50'	24°17'	0°29'	0°37'	4°57'	3°41'	
T 19	20 19 49	3°56'41	16°38'	0°M24	10°35'	9°52'	3°53'	20°51'	6°14'	17°52'	24°18'	0°17'	0°34'	5° 4'	3°38'	
W20	20 23 45	4°54'08	29° 0'	1°37'	11°49'	9°43'	3°58'	20°58'	6°12'	17°54'	24°19'	0° 5'	0°31'	5°10'	3°35'	
T 21	20 27 42	5°51'35	11°K 9	2°47'	13° 4'	9°35'	4° 3'	21° 6'	6°10'	17°56'	24°21'	29°L55	0°27'	5°17'	3°32'	
F 22	20 31 39	6°49'04	23° 7'	3°55'	14°18'	9°27'	4° 8'	21°13'	6° 8'	17°58'	24°22'	29°L48	0°24'	5°23'	3°29'	
S 23	20 35 35	7°46'34	4°Y58	5° 0'	15°32'	9°20'	4°13'	21°21'	6° 6'	18° 1'	24°23'	29°L44	0°21'	5°30'	3°26'	
S 24	20 39 32	8°44'05	16°46'	6° 3'	16°46'	9°13'	4°17'	21°28'	6° 4'	18° 3'	24°24'	29°L41	0°18'	5°37'	3°24'	
M25	20 43 28	9°41'38	28°36'	7° 4'	18° 0'	9° 8'	4°22'	21°36'	6° 2'	18° 5'	24°25'	29°D41	0°15'	5°43'	3°21'	
T 26	20 47 25	10°39'13	10°S32	8° 1'	19°14'	9° 3'	4°26'	21°43'	6° 0'	18° 7'	24°26'	29°R41	0°12'	5°50'	3°18'	
W27	20 51 21	11°36'48	22°40'	8°56'	20°28'	8°59'	4°30'	21°51'	5°58'	18° 9'	24°27'	29°L41	0° 8'	5°57'	3°16'	
T 28	20 55 18	12°34'26	5°II 5	9°48'	21°42'	8°56'	4°34'	21°58'	5°56'	18°11'	24°28'	29°S39	0° 5'	6° 3'	3°13'	
F 29	20 59 14	13°32'05	17°53'	10°37'	22°56'	8°54'	4°37'	22° 6'	5°54'	18°13'	24°29'	29°S35	0° 2'	6°10'	3°11'	
S 30	21 3 11	14°29'45	1°S 6	11°22'	24°10'	8°52'	4°41'	22°13'	5°51'	18°15'	24°30'	29°S28	29°L59	6°17'	3° 8'	
S 31	21 7 8	15°27'27	14°S46	12°M 4	25°L24	8°D52	4°S44	22°L21	5°K49	18°S17	24°II31	29°L19	29°L56	6°Y23	3°S 6	

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁			♁		
	decl	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		
F 1	22n28	18n58	3s 4	21n11	1n42	23n 8	0n53	28s31	5s48	10n59	1s15	16n29	1n16	9s49	0s47	21n51	0s33	17n44	5s38	12s21	12s 2	3n28	16s21	7n 5									
S 2	22 20	19 26	3 54	20 42	1 38	22 59	0 55	28 35	5 50	11 2	1 15	16 26	1 16	9 49	0 48	21 51	0 33	17 44	5 38	12 19	12 1	3 30	16 21	7 5									
S 3	22 13	18 49	4 32	20 11	1 34	22 50	0 57	28 39	5 52	11 4	1 15	16 24	1 16	9 50	0 48	21 51	0 33	17 44	5 38	12 15	12 0	3 32	16 21	7 5									
M 4	22 4	17 6	4 55	19 40	1 29	22 40	0 59	28 43	5 54	11 7	1 15	16 22	1 16	9 50	0 48	21 51	0 33	17 44	5 38	12 11	11 59	3 34	16 22	7 5									
T 5	21 56	14 19	5 1	19 8	1 24	22 29	1 0	28 46	5 56	11 9	1 15	16 20	1 16	9 51	0 48	21 50	0 33	17 45	5 38	12 8	11 58	3 36	16 22	7 5									
W 6	21 47	10 40	4 48	18 36	1 19	22 18	1 2	28 49	5 57	11 12	1 15	16 18	1 16	9 51	0 48	21 50	0 33	17 45	5 38	12 4	11 57	3 38	16 22	7 5									
T 7	21 38	6 21	4 17	18 2	1 12	22 6	1 4	28 52	5 58	11 14	1 16	16 15	1 16	9 52	0 48	21 50	0 33	17 45	5 38	12 1	11 56	3 40	16 22	7 5									
F 8	21 28	1 40	3 29	17 28	1 6	21 53	1 5	28 55	6 0	11 16	1 16	16 13	1 16	9 52	0 48	21 49	0 33	17 45	5 38	11 59	11 55	3 42	16 22	7 4									
S 9	21 18	3s 5	2 28	16 53	0 59	21 40	1 7	28 57	6 1	11 19	1 16	16 11	1 16	9 53	0 48	21 49	0 33	17 45	5 38	11 58	11 53	3 44	16 23	7 4									
S 10	21 8	7 38	1 18	16 18	0 52	21 26	1 8	29 0	6 2	11 21	1 16	16 9	1 16	9 54	0 48	21 49	0 33	17 45	5 38	11 57	11 52	3 46	16 23	7 4									
M11	20 57	11 43	0 5	15 43	0 44	21 12	1 10	29 2	6 2	11 23	1 16	16 6	1 16	9 54	0 48	21 49	0 33	17 45	5 38	11 57	11 51	3 48	16 23	7 4									
T 12	20 46	15 5	1n 8	15 7	0 36	20 56	1 11	29 3	6 3	11 25	1 17	16 4	1 16	9 55	0 48	21 48	0 33	17 45	5 38	11 57	11 50	3 50	16 24	7 4									
W13	20 35	17 34	2 16	14 31	0 28	20 41	1 12	29 5	6 3	11 27	1 17	16 2	1 16	9 56	0 48	21 48	0 33	17 45	5 39	11 56	11 49	3 52	16 24	7 4									
T 14	20 23	19 1	3 16	13 55	0 19	20 24	1 14	29 6	6 3	11 29	1 17	16 0	1 16	9 56	0 48	21 48	0 33	17 45	5 39	11 55	11 48	3 54	16 24	7 3									
F 15	20 11	19 22	4 4	13 19	0 11	20 8	1 15	29 7	6 3	11 31	1 17	15 57	1 16	9 57	0 48	21 47	0 33	17 45	5 39	11 53	11 47	3 55	16 24	7 3									
S 16	19 59	18 38	4 38	12 43	0 1	19 50	1 16	29 8	6 3	11 32	1 17	15 55	1 17	9 58	0 48	21 47	0 33	17 45	5 39	11 49	11 46	3 57	16 25	7 3									
S 17	19 46	16 57	4 56	12 7	0s 8	19 32	1 17	29 9	6 3	11 34	1 18	15 53	1 17	9 58	0 48	21 47	0 33	17 45	5 39	11 45	11 45	3 59	16 25	7 3									
M18	19 33	14 27	5 0	11 32	0 18	19 13	1 18	29 9	6 2	11 36	1 18	15 50	1 17	9 59	0 48	21 47	0 33	17 45	5 39	11 41	11 43	4 1	16 25	7 2									
T 19	19 20	11 19	4 48	10 56	0 27	18 54	1 19	29 9	6 2	11 38	1 18	15 48	1 17	10 0	0 48	21 46	0 33	17 45	5 39	11 36	11 42	4 3	16 26	7 2									
W20	19 6	7 44	4 24	10 21	0 38	18 35	1 20	29 9	6 1	11 39	1 18	15 46	1 17	10 0	0 48	21 46	0 33	17 45	5 39	11 32	11 41	4 5	16 26	7 2									
T 21	18 52	3 54	3 47	9 46																													

SWISS EPHEMERIS for the year 1418

AUGUST 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	21 11 4	16♌25'11	28♋52	12♎42	26♏139	8♌52	4♃47	22♏28	5°R47	18♋19	24♎32	29°R 9	29♎53	6♃30	3°R 4
T 2	21 15 1	17°22'56	13♌19	13°16	27°53	8°53	4°50	22°36	5°K45	18°21	24°33	28♎58	29°49	6°37	3°R 2
W 3	21 18 57	18°20'42	28° 2	13°46	29° 7	8°55	4°53	22°44	5°43	18°23	24°34	28°48	29°46	6°43	3° 0
T 4	21 22 54	19°18'30	12♎52	14°11	0♎21	8°57	4°55	22°51	5°40	18°25	24°35	28°40	29°43	6°50	2°57
F 5	21 26 50	20°16'19	27°42	14°32	1°35	9° 1	4°58	22°59	5°38	18°27	24°36	28°34	29°40	6°57	2°55
S 6	21 30 47	21°14'09	12♎23	14°48	2°49	9° 5	5° 0	23° 7	5°36	18°29	24°37	28°31	29°37	7° 3	2°54
S 7	21 34 43	22°12'00	26°51	14°59	4° 4	9°10	5° 2	23°14	5°33	18°31	24°38	28°D30	29°33	7°10	2°52
M 8	21 38 40	23° 9'53	11♎. 2	15°R 5	5°18	9°16	5° 4	23°22	5°31	18°33	24°39	28°30	29°30	7°17	2°50
T 9	21 42 37	24° 7'47	24°56	15° 5	6°32	9°23	5° 5	23°29	5°29	18°35	24°39	28°R31	29°27	7°23	2°48
W10	21 46 33	25° 5'42	8♎33	14°59	7°46	9°31	5° 7	23°37	5°26	18°37	24°40	28°30	29°24	7°30	2°47
T 11	21 50 30	26° 3'39	21°55	14°47	9° 0	9°39	5° 8	23°45	5°24	18°39	24°41	28°27	29°21	7°37	2°45
F 12	21 54 26	27° 1'37	5♌ 2	14°29	10°14	9°48	5° 9	23°52	5°22	18°40	24°42	28°22	29°18	7°43	2°44
S 13	21 58 23	27°59'36	17°56	14° 5	11°29	9°58	5°10	24° 0	5°19	18°42	24°43	28°14	29°14	7°50	2°42
S 14	22 2 19	28°57'37	0♎38	13°35	12°43	10° 9	5°10	24° 7	5°17	18°44	24°43	28° 5	29°11	7°57	2°41
M15	22 6 16	29°55'39	13° 8	12°59	13°57	10°20	5°11	24°15	5°15	18°46	24°44	27°54	29° 8	8° 3	2°40
T 16	22 10 12	0♎53'43	25°28	12°17	15°11	10°33	5°R11	24°23	5°12	18°48	24°45	27°44	29° 5	8°10	2°38
W17	22 14 9	1°51'49	7♎37	11°30	16°25	10°45	5°11	24°30	5°10	18°49	24°45	27°34	29° 2	8°17	2°37
T 18	22 18 6	2°49'56	19°38	10°39	17°39	10°59	5°11	24°38	5° 7	18°51	24°46	27°26	28°59	8°23	2°36
F 19	22 22 2	3°48'05	1°Y31	9°45	18°54	11°13	5°10	24°45	5° 5	18°53	24°47	27°21	28°55	8°30	2°35
S 20	22 25 59	4°46'16	13°19	8°47	20° 8	11°28	5°10	24°53	5° 3	18°55	24°47	27°17	28°52	8°37	2°34
S 21	22 29 55	5°44'29	25° 6	7°48	21°22	11°44	5° 9	25° 0	5° 0	18°56	24°48	27°D16	28°49	8°43	2°34
M22	22 33 52	6°42'44	6♎55	6°49	22°36	12° 0	5° 8	25° 8	4°58	18°58	24°48	27°17	28°46	8°50	2°33
T 23	22 37 48	7°41'01	18°50	5°50	23°50	12°17	5° 7	25°16	4°55	18°59	24°49	27°18	28°43	8°56	2°32
W24	22 41 45	8°39'20	0♎57	4°54	25° 5	12°34	5° 5	25°23	4°53	19° 1	24°50	27°19	28°39	9° 3	2°32
T 25	22 45 41	9°37'42	13°20	4° 1	26°19	12°52	5° 4	25°31	4°51	19° 3	24°50	27°R19	28°36	9°10	2°31
F 26	22 49 38	10°36'05	26° 5	3°14	27°33	13°11	5° 2	25°38	4°48	19° 4	24°51	27°18	28°33	9°16	2°31
S 27	22 53 35	11°34'31	9♎16	2°32	28°47	13°30	5° 0	25°45	4°46	19° 6	24°51	27°15	28°30	9°23	2°30
S 28	22 57 31	12°32'59	22°54	1°58	0♎ 1	13°50	4°58	25°53	4°44	19° 7	24°52	27°10	28°27	9°30	2°30
M29	23 1 28	13°31'29	7♎ 2	1°31	1°15	14°10	4°55	26° 0	4°41	19° 9	24°52	27° 4	28°24	9°36	2°30
T 30	23 5 24	14°30'01	21°35	1°14	2°30	14°31	4°53	26° 8	4°39	19°10	24°52	26°57	28°20	9°43	2°30
W31	23 9 21	15°28'35	6♎29	1°D 5	3♎44	14°53	4°50	26°15	4°36	19°11	24°53	26°51	28°17	9°50	2°D30

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	15n58	15n31	5s 2	4n14	2s47	14n 1	1n26	28s56	5s44	11n53	1s21	15n17	1n17	10s10	0s48	21n43	0s33	17n45	5s39	11s12	11s28	4n28	16s31	6n58
T 2	15 40	12 11	4 53	3 51	2 58	13 36	1 26	28 53	5 41	11 54	1 21	15 14	1 17	10 11	0 48	21 43	0 33	17 45	5 39	11 8	11 27	4 30	16 31	6 58
W 3	15 23	8 3	4 24	3 30	3 8	13 10	1 27	28 51	5 39	11 55	1 21	15 12	1 17	10 12	0 48	21 42	0 33	17 45	5 39	11 5	11 25	4 32	16 32	6 57
T 4	15 5	3 24	3 38	3 11	3 19	12 44	1 27	28 49	5 37	11 55	1 21	15 9	1 17	10 12	0 48	21 42	0 33	17 45	5 39	11 2	11 24	4 34	16 32	6 57
F 5	14 46	1s28	2 36	2 54	3 28	12 17	1 26	28 46	5 35	11 56	1 22	15 7	1 17	10 13	0 48	21 42	0 33	17 45	5 39	11 0	11 23	4 36	16 32	6 56
S 6	14 28	6 12	1 25	2 39	3 38	11 50	1 26	28 44	5 32	11 57	1 22	15 5	1 18	10 14	0 48	21 41	0 33	17 45	5 39	10 59	11 22	4 37	16 33	6 56
S 7	14 9	10 31	0 9	2 27	3 47	11 23	1 26	28 41	5 30	11 57	1 22	15 2	1 18	10 15	0 48	21 41	0 33	17 45	5 40	10 58	11 21	4 39	16 33	6 56
M 8	13 50	14 8	1n 6	2 17	3 55	10 56	1 26	28 38	5 27	11 57	1 22	15 0	1 18	10 16	0 48	21 41	0 33	17 45	5 40	10 59	11 20	4 41	16 34	6 55
T 9	13 31	16 51	2 16	2 10	4 3	10 28	1 25	28 35	5 25	11 58	1 23	14 57	1 18	10 17	0 48	21 41	0 33	17 45	5 40	10 59	11 19	4 43	16 34	6 55
W10	13 12	18 34	3 17	2 6	4 10	10 0	1 25	28 32	5 22	11 58	1 23	14 55	1 18	10 18	0 48	21 40	0 33	17 45	5 40	10 58	11 18	4 45	16 35	6 54
T 11	12 52	19 11	4 5	2 5	4 16	9 31	1 24	28 28	5 20	11 58	1 23	14 52	1 18	10 18	0 48	21 40	0 33	17 45	5 40	10 57	11 16	4 47	16 35	6 54
F 12	12 32	18 45	4 40	2 7	4 21	9 3	1 24	28 25	5 17	11 58	1 23	14 50	1 18	10 19	0 48	21 40	0 33	17 45	5 40	10 56	11 15	4 49	16 36	6 54
S 13	12 12	17 21	5 0	2 13	4 24	8 34	1 23	28 22	5 14	11 58	1 23	14 47	1 18	10 20	0 48	21 40	0 33	17 45	5 40	10 53	11 14	4 51	16 36	6 53
S 14	11 52	15 7	5 4	2 22	4 27	8 5	1 23	28 18	5 12	11 58	1 24	14 45	1 18	10 21	0 48	21 39	0 33	17 45	5 40	10 49	11 13	4 53	16 36	6 53
M15	11 32	12 13	4 54	2 35	4 27	7 35	1 22	28 15	5 9	11 58	1 24	14 42	1 18	10 22	0 48	21 39	0 33	17 45	5 40	10 46	11 12	4 54	16 37	6 52
T 16	11 11	8 50	4 30	2 52	4 27	7 6	1 21	28 11	5 6	11 58	1 24	14 40	1 18	10 23	0 48	21 39	0 33	17 45	5 40	10 42	11 11	4 56	16 37	6 52
W17	10 51	5 7	3 54	3 12	4 24	6 36	1 20	28 7	5 3	11 58	1 24	14 38	1 18	10 24	0 48	21 39	0 33	17 45	5 40	10 38	11 10	4 58	16 38	6 51
T 18	10 30	1 14	3 8	3 35	4 20	6 6	1 19	28 3	5 1	11 58	1 24	14 35	1 18	10 25	0 48	21 38	0 33	17 45	5 40	10 36	11 9	5 0	16 38	6 51
F 19	10 9	2n39	2 14	4 2	4 13	5 36	1 18	27 59	4 58	11 57	1 25	14 33	1 19	10 26	0 48	21 38	0 33	17 45	5 40	10 34	11 7	5 2	16 39	6 50
S 20	9 47	6 25	1 15	4 31	4 5	5 6	1 17	27 55	4 55	11 57	1 25	14 30	1 19	10 26	0 48	21 38	0 33	17 44	5 40	10 32	11 6	5 4	16 39	6 50
S 21	9 26	9 56	0 12	5 2	3 55	4 36	1 16	27 51	4 52	11 56	1 25	14 28	1 19	10 27	0 48	21 38	0 33	17 44	5 40	10 32	11 5	5 6	16 40	6 50
M22	9 4	13 3	0s52	5 36	3 43	4 5	1 15	27 46	4 49	11 56	1 25	14 25	1 19	10 28	0 48	21 38	0 33	17 44	5 41	10 32	11 4	5 8	16 40	6 49
T 23	8 43	15 39	1 54	6 10	3 29	3 35	1 13	27 42	4 46	11 55	1 25	14 23	1 19	10 29	0 48	21 37	0 33	17 44	5 41	10 33	11 3	5 9	16 41	6 49
W24	8 21	17 36	2 52	6 45	3 13	3 4	1 12	27 37	4 44	11 55	1 26	14 20	1 19	10 30	0 48	21 37	0 33	17 44	5 41	10 33	11 2	5 11	16 41	6 48
T 25	7 59	18 47	3 43	7 20	2 56	2 33	1 11	27 33	4 41	11 54	1 26	14 18	1 19	10 31	0 48	21 37	0 33	17 44	5 41	10 33	11 1	5 13	16 42	6 48
F 26	7 37	19 2	4 25	7 53	2 38	2 2	1 9	27 28	4 38	11 53	1 26	14 15	1 19	10 32	0 48	21 37	0 33	17 44	5 41	10 33	11 0	5 15	16 42	6 47
S 27	7 15	18 17	4 55	8 26	2 20	1 31	1 8	27 23	4 35	11 52	1 26	14 13	1 19	10 33	0 48	21 36	0 33	17 44	5 41	10 31	10 58	5 17	16 43	6 47
S 28	6 52	16 29	5 9	8 56	2 0	1 0	1 6	27 18	4 32	11 51	1 26	14 11	1 19	10 33	0 48	21 36	0 33	17 44	5 41	10 30	10 57	5 19	16 43	6 46
M29	6 30	13 39	5 5	9 24	1 41																			

SWISS EPHEMERIS for the year 1418

SEPTEMBER 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	23 13 17	16 ^h 27'11"	21 ^h 34'	1 ^h 7'	4 ^h 58'	15 ^h 15'	4 ^h R47	26 ^h 22'	4 ^h R34	19 ^h 53'	24 ^h 53'	26 ^h R46	28 ^h 14'	9 ^h Y56	2 ^h 30'
F 2	23 17 14	17 ^h 25'49"	6 ^h 42'	1 ^h 17'	6 ^h 12'	15 ^h 38'	4 ^h R44	26 ^h 30'	4 ^h R32	19 ^h 14'	24 ^h 53'	26 ^h 42'	28 ^h 11'	10 ^h 3'	2 ^h 30'
S 3	23 21 10	18 ^h 24'28"	21 ^h 43'	1 ^h 38'	7 ^h 26'	16 ^h 1'	4 ^h 40'	26 ^h 37'	4 ^h 29'	19 ^h 16'	24 ^h 54'	26 ^h D41	28 ^h 8'	10 ^h 10'	2 ^h 30'
S 4	23 25 7	19 ^h 23'10"	6 ^h 30'	2 ^h 7'	8 ^h 41'	16 ^h 24'	4 ^h 37'	26 ^h 44'	4 ^h 27'	19 ^h 17'	24 ^h 54'	26 ^h 41'	28 ^h 4'	10 ^h 16'	2 ^h 31'
M 5	23 29 3	20 ^h 21'53"	20 ^h 56'	2 ^h 46'	9 ^h 55'	16 ^h 49'	4 ^h 33'	26 ^h 51'	4 ^h 25'	19 ^h 18'	24 ^h 54'	26 ^h 42'	28 ^h 1'	10 ^h 23'	2 ^h 31'
T 6	23 33 0	21 ^h 20'39"	5 ^h 7' 0"	3 ^h 33'	11 ^h 9'	17 ^h 13'	4 ^h 29'	26 ^h 59'	4 ^h 23'	19 ^h 19'	24 ^h 55'	26 ^h 44'	27 ^h 58'	10 ^h 30'	2 ^h 32'
W 7	23 36 57	22 ^h 19'26"	18 ^h 40'	4 ^h 29'	12 ^h 23'	17 ^h 38'	4 ^h 25'	27 ^h 6'	4 ^h 20'	19 ^h 21'	24 ^h 55'	26 ^h R45	27 ^h 55'	10 ^h 36'	2 ^h 32'
T 8	23 40 53	23 ^h 18'14"	1 ^h 35'59"	5 ^h 31'	13 ^h 37'	18 ^h 4'	4 ^h 20'	27 ^h 13'	4 ^h 18'	19 ^h 22'	24 ^h 55'	26 ^h 44'	27 ^h 52'	10 ^h 43'	2 ^h 33'
F 9	23 44 50	24 ^h 17'05"	14 ^h 58'	6 ^h 41'	14 ^h 51'	18 ^h 30'	4 ^h 16'	27 ^h 20'	4 ^h 16'	19 ^h 23'	24 ^h 55'	26 ^h 43'	27 ^h 49'	10 ^h 50'	2 ^h 33'
S 10	23 48 46	25 ^h 15'57"	27 ^h 41'	7 ^h 57'	16 ^h 5'	18 ^h 56'	4 ^h 11'	27 ^h 27'	4 ^h 14'	19 ^h 24'	24 ^h 55'	26 ^h 39'	27 ^h 45'	10 ^h 56'	2 ^h 34'
S 11	23 52 43	26 ^h 14'51"	10 ^h 8' 8"	9 ^h 18'	17 ^h 20'	19 ^h 23'	4 ^h 6'	27 ^h 34'	4 ^h 12'	19 ^h 25'	24 ^h 56'	26 ^h 35'	27 ^h 42'	11 ^h 3'	2 ^h 35'
M 12	23 56 39	27 ^h 13'46"	22 ^h 25'	10 ^h 44'	18 ^h 34'	19 ^h 50'	4 ^h 1'	27 ^h 41'	4 ^h 9'	19 ^h 26'	24 ^h 56'	26 ^h 30'	27 ^h 39'	11 ^h 10'	2 ^h 36'
T 13	0 0 36	28 ^h 12'44"	4 ^h 31'	12 ^h 14'	19 ^h 48'	20 ^h 18'	3 ^h 56'	27 ^h 48'	4 ^h 7'	19 ^h 27'	24 ^h 56'	26 ^h 25'	27 ^h 36'	11 ^h 16'	2 ^h 37'
W 14	0 4 32	29 ^h 11'43"	16 ^h 30'	13 ^h 47'	21 ^h 2'	20 ^h 46'	3 ^h 51'	27 ^h 55'	4 ^h 5'	19 ^h 28'	24 ^h 56'	26 ^h 20'	27 ^h 33'	11 ^h 23'	2 ^h 38'
T 15	0 8 29	0 ^h 10'45"	28 ^h 23'	15 ^h 24'	22 ^h 16'	21 ^h 15'	3 ^h 46'	28 ^h 2'	4 ^h 3'	19 ^h 29'	24 ^h 56'	26 ^h 17'	27 ^h 30'	11 ^h 29'	2 ^h 40'
F 16	0 12 26	1 ^h 9'48"	10 ^h Y12'	17 ^h 3'	23 ^h 30'	21 ^h 43'	3 ^h 40'	28 ^h 9'	4 ^h 1'	19 ^h 30'	24 ^h 56'	26 ^h 15'	27 ^h 26'	11 ^h 36'	2 ^h 41'
S 17	0 16 22	2 ^h 8'54"	22 ^h 0'	18 ^h 44'	24 ^h 44'	22 ^h 13'	3 ^h 34'	28 ^h 15'	3 ^h 59'	19 ^h 31'	24 ^h R56	26 ^h D13	27 ^h 23'	11 ^h 43'	2 ^h 42'
S 18	0 20 19	3 ^h 8'02"	3 ^h 8'48"	20 ^h 26'	25 ^h 58'	22 ^h 42'	3 ^h 28'	28 ^h 22'	3 ^h 57'	19 ^h 32'	24 ^h 56'	26 ^h 14'	27 ^h 20'	11 ^h 49'	2 ^h 44'
M 19	0 24 15	4 ^h 7'12"	15 ^h 39'	22 ^h 10'	27 ^h 12'	23 ^h 12'	3 ^h 22'	28 ^h 29'	3 ^h 55'	19 ^h 33'	24 ^h 56'	26 ^h 15'	27 ^h 17'	11 ^h 56'	2 ^h 45'
T 20	0 28 12	5 ^h 6'25"	27 ^h 38'	23 ^h 55'	28 ^h 26'	23 ^h 42'	3 ^h 16'	28 ^h 35'	3 ^h 53'	19 ^h 34'	24 ^h 56'	26 ^h 16'	27 ^h 14'	12 ^h 3'	2 ^h 47'
W 21	0 32 8	6 ^h 5'39"	9 ^h II46'	25 ^h 40'	29 ^h 40'	24 ^h 13'	3 ^h 9'	28 ^h 42'	3 ^h 51'	19 ^h 35'	24 ^h 56'	26 ^h 18'	27 ^h 10'	12 ^h 9'	2 ^h 48'
T 22	0 36 5	7 ^h 4'56"	22 ^h 10'	27 ^h 25'	0 ^h ML54'	24 ^h 43'	3 ^h 3'	28 ^h 49'	3 ^h 49'	19 ^h 36'	24 ^h 56'	26 ^h 19'	27 ^h 7'	12 ^h 16'	2 ^h 50'
F 23	0 40 1	8 ^h 4'16"	4 ^h 52'52"	29 ^h 11'	2 ^h 9'	25 ^h 15'	2 ^h 56'	28 ^h 55'	3 ^h 47'	19 ^h 36'	24 ^h 55'	26 ^h R20	27 ^h 4'	12 ^h 23'	2 ^h 52'
S 24	0 43 58	9 ^h 3'38"	17 ^h 57'	0 ^h 55'7"	3 ^h 23'	25 ^h 46'	2 ^h 49'	29 ^h 2'	3 ^h 46'	19 ^h 37'	24 ^h 55'	26 ^h 20'	27 ^h 1'	12 ^h 29'	2 ^h 54'
S 25	0 47 55	10 ^h 3'02"	1 ^h 28'28"	2 ^h 42'	4 ^h 37'	26 ^h 18'	2 ^h 43'	29 ^h 8'	3 ^h 44'	19 ^h 38'	24 ^h 55'	26 ^h 19'	26 ^h 58'	12 ^h 36'	2 ^h 56'
M 26	0 51 51	11 ^h 2'28"	15 ^h 25'	4 ^h 28'	5 ^h 51'	26 ^h 50'	2 ^h 36'	29 ^h 14'	3 ^h 42'	19 ^h 38'	24 ^h 55'	26 ^h 17'	26 ^h 55'	12 ^h 43'	2 ^h 58'
T 27	0 55 48	12 ^h 1'57"	29 ^h 50'	6 ^h 13'	7 ^h 5'	27 ^h 22'	2 ^h 28'	29 ^h 21'	3 ^h 40'	19 ^h 39'	24 ^h 55'	26 ^h 15'	26 ^h 51'	12 ^h 49'	3 ^h 0'
W 28	0 59 44	13 ^h 1'28"	14 ^h 38'48"	7 ^h 57'	8 ^h 19'	27 ^h 55'	2 ^h 21'	29 ^h 27'	3 ^h 39'	19 ^h 39'	24 ^h 54'	26 ^h 13'	26 ^h 48'	12 ^h 56'	3 ^h 2'
T 29	1 3 41	14 ^h 1'01"	29 ^h 42'	9 ^h 41'	9 ^h 33'	28 ^h 28'	2 ^h 14'	29 ^h 33'	3 ^h 37'	19 ^h 40'	24 ^h 54'	26 ^h 12'	26 ^h 45'	13 ^h 3'	3 ^h 5'
F 30	1 7 37	15 ^h 0'36"	14 ^h 55'55"	11 ^h 25'5"	10 ^h ML47'	29 ^h 38' 1"	2 ^h 8' 6"	29 ^h 39'39"	3 ^h 35'35"	19 ^h 54'41"	24 ^h II54'	26 ^h 11'	26 ^h 42'	13 ^h Y 9'	3 ^h 38' 7"

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	5n22	0n36	2s59	10n27	0s43	1s 4	0n59	26s57	4s20	11n47	1s27	14n 1	1n20	10s37	0s48	21n35	0s33	17n44	5s41	10s21	10s53	5n26	16s45	6n44
F 2	4 59	4s18	1 47	10 40	0 25	1 35	0 58	26 51	4 17	11 46	1 27	13 59	1 20	10 38	0 48	21 35	0 33	17 44	5 41	10 20	10 52	5 28	16 46	6 44
S 3	4 36	8 55	0 27	10 49	0 7	2 7	0 56	26 46	4 15	11 45	1 28	13 56	1 20	10 39	0 48	21 35	0 33	17 44	5 41	10 19	10 50	5 30	16 46	6 43
S 4	4 13	12 53	0n53	10 53	0n 9	2 38	0 54	26 40	4 12	11 43	1 28	13 54	1 20	10 39	0 48	21 35	0 33	17 44	5 41	10 19	10 49	5 32	16 47	6 43
M 5	3 50	15 59	2 9	10 54	0 24	3 9	0 52	26 34	4 9	11 42	1 28	13 51	1 20	10 40	0 48	21 35	0 33	17 44	5 42	10 20	10 48	5 34	16 47	6 42
T 6	3 27	18 1	3 14	10 50	0 38	3 40	0 50	26 28	4 6	11 40	1 28	13 49	1 21	10 41	0 48	21 34	0 33	17 43	5 42	10 20	10 47	5 35	16 48	6 42
W 7	3 3	18 56	4 7	10 42	0 51	4 11	0 48	26 22	4 3	11 39	1 28	13 47	1 21	10 42	0 48	21 34	0 33	17 43	5 42	10 21	10 46	5 37	16 48	6 41
T 8	2 40	18 46	4 44	10 29	1 3	4 42	0 45	26 15	4 0	11 37	1 28	13 44	1 21	10 43	0 48	21 34	0 33	17 43	5 42	10 20	10 45	5 39	16 49	6 41
F 9	2 17	17 36	5 6	10 13	1 13	5 12	0 43	26 9	3 57	11 36	1 29	13 42	1 21	10 43	0 48	21 34	0 33	17 43	5 42	10 20	10 44	5 41	16 49	6 40
S 10	1 53	15 35	5 13	9 53	1 22	5 43	0 41	26 2	3 54	11 34	1 29	13 40	1 21	10 44	0 48	21 34	0 33	17 43	5 42	10 19	10 42	5 43	16 50	6 40
S 11	1 30	12 52	5 4	9 30	1 30	6 14	0 39	25 56	3 52	11 32	1 29	13 37	1 21	10 45	0 48	21 34	0 33	17 43	5 42	10 17	10 41	5 45	16 50	6 39
M 12	1 6	9 38	4 42	9 4	1 37	6 44	0 37	25 49	3 49	11 30	1 29	13 35	1 21	10 46	0 48	21 33	0 33	17 43	5 42	10 15	10 40	5 46	16 51	6 39
T 13	0 43	6 3	4 7	8 34	1 43	7 14	0 34	25 42	3 46	11 28	1 29	13 33	1 21	10 47	0 48	21 33	0 33	17 43	5 42	10 13	10 39	5 48	16 51	6 38
W 14	0 19	2 15	3 21	8 2	1 47	7 44	0 32	25 35	3 43	11 26	1 29	13 31	1 22	10 47	0 48	21 33	0 33	17 43	5 42	10 12	10 38	5 50	16 52	6 38
T 15	0s 4	1n36	2 27	7 28	1 50	8 14	0 29	25 27	3 40	11 24	1 29	13 28	1 22	10 48	0 48	21 33	0 33	17 43	5 42	10 10	10 37	5 52	16 52	6 37
F 16	0 28	5 23	1 27	6 52	1 53	8 44	0 27	25 20	3 38	11 22	1 29	13 26	1 22	10 49	0 48	21 33	0 33	17 43	5 42	10 10	10 36	5 54	16 52	6 37
S 17	0 51	8 57	0 23	6 13	1 54	9 14	0 24	25 13	3 35	11 20	1 30	13 24	1 22	10 50	0 48	21 33	0 33	17 43	5 43	10 9	10 34	5 56	16 53	6 36
S 18	1 15	12 10	0s42	5 34	1 55	9 43	0 22	25 5	3 32	11 18	1 30	13 22	1 22	10 50	0 48	21 32	0 33	17 43	5 43	10 9	10 33	5 57	16 53	6 36
M 19	1 39	14 54	1																					

SWISS EPHEMERIS for the year 1418

OCTOBER 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	1 11 34	16♌ 0'14	0♍ 7	13♌ 8	12♌ 1	29♌34	1°R59	29♌45	3°R34	19♌41	24°R54	26°D11	26♌39	13♌16	3♌ 9
S 2	1 15 30	16°59'53	15° 7	14°50	13°15	0♌ 8	1♌51	29°51	3♌32	19°41	24♌53	26♌12	26°35	13°22	3°12
M 3	1 19 27	17°59'35	29°49	16°32	14°29	0♌42	1°44	29°57	3°31	19°42	24°53	26°12	26°32	13°29	3°15
T 4	1 23 23	18°59'18	14♌7	18°13	15°43	1°16	1°36	0♌ 3	3°29	19°42	24°53	26°13	26°29	13°36	3°17
W 5	1 27 20	19°59'03	27°58	19°54	16°56	1°50	1°28	0° 9	3°28	19°43	24°52	26°14	26°26	13°42	3°20
T 6	1 31 17	20°58'49	11♌23	21°34	18°10	2°25	1°20	0°15	3°26	19°43	24°52	26°14	26°23	13°49	3°23
F 7	1 35 13	21°58'38	24°24	23°14	19°24	3° 0	1°12	0°20	3°25	19°43	24°51	26°R14	26°20	13°56	3°26
S 8	1 39 10	22°58'28	7♌ 3	24°53	20°38	3°35	1° 4	0°26	3°24	19°43	24°51	26°14	26°16	14° 2	3°29
S 9	1 43 6	23°58'20	19°24	26°31	21°52	4°10	0°56	0°32	3°22	19°44	24°50	26°14	26°13	14° 9	3°32
M10	1 47 3	24°58'13	1♌32	28° 9	23° 6	4°46	0°48	0°37	3°21	19°44	24°50	26°13	26°10	14°16	3°35
T 11	1 50 59	25°58'08	13°30	29°46	24°20	5°22	0°40	0°42	3°20	19°44	24°49	26°D13	26° 7	14°22	3°38
W12	1 54 56	26°58'05	25°22	1♌23	25°34	5°57	0°32	0°48	3°19	19°44	24°49	26°13	26° 4	14°29	3°41
T 13	1 58 52	27°58'04	7♌11	2°59	26°48	6°34	0°24	0°53	3°18	19°44	24°48	26°14	26° 1	14°36	3°44
F 14	2 2 49	28°58'04	18°59	4°35	28° 1	7°10	0°16	0°58	3°17	19°44	24°48	26°14	25°57	14°42	3°48
S 15	2 6 46	29°58'07	0♌48	6°10	29°15	7°46	0° 7	1° 3	3°16	19°R44	24°47	26°R14	25°54	14°49	3°51
S 16	2 10 42	0♌58'11	12°42	7°45	0♌29	8°23	29°♌59	1° 8	3°15	19°44	24°46	26°13	25°51	14°56	3°54
M17	2 14 39	1°58'17	24°42	9°19	1°43	8°59	29°51	1°13	3°14	19°44	24°46	26°13	25°48	15° 2	3°58
T 18	2 18 35	2°58'26	6♌49	10°53	2°57	9°36	29°43	1°18	3°13	19°44	24°45	26°12	25°45	15° 9	4° 2
W19	2 22 32	3°58'36	19° 7	12°27	4°10	10°13	29°35	1°23	3°12	19°44	24°44	26°11	25°41	15°15	4° 5
T 20	2 26 28	4°58'48	1♌38	14° 0	5°24	10°51	29°27	1°28	3°11	19°44	24°44	26°10	25°38	15°22	4° 9
F 21	2 30 25	5°59'03	14°23	15°33	6°38	11°28	29°19	1°32	3°11	19°43	24°43	26° 9	25°35	15°29	4°13
S 22	2 34 21	6°59'19	27°27	17° 5	7°51	12° 6	29°11	1°37	3°10	19°43	24°42	26° 8	25°32	15°35	4°17
S 23	2 38 18	7°59'38	10♌51	18°37	9° 5	12°43	29° 3	1°42	3° 9	19°43	24°41	26°D 8	25°29	15°42	4°20
M24	2 42 15	8°59'58	24°36	20° 9	10°19	13°21	28°55	1°46	3° 9	19°43	24°41	26° 9	25°26	15°49	4°24
T 25	2 46 11	10° 0'21	8♌45	21°40	11°32	13°59	28°47	1°50	3° 8	19°42	24°40	26°10	25°22	15°55	4°28
W26	2 50 8	11° 0'45	23°14	23°11	12°46	14°37	28°39	1°55	3° 8	19°42	24°39	26°11	25°19	16° 2	4°33
T 27	2 54 4	12° 1'11	8♌ 2	24°42	14° 0	15°15	28°31	1°59	3° 7	19°42	24°38	26°12	25°16	16° 9	4°37
F 28	2 58 1	13° 1'40	23° 2	26°13	15°13	15°53	28°24	2° 3	3° 7	19°41	24°37	26°R12	25°13	16°15	4°41
S 29	3 1 57	14° 2'10	8♌ 6	27°43	16°27	16°32	28°16	2° 7	3° 7	19°41	24°37	26°12	25°10	16°22	4°45
S 30	3 5 54	15° 2'41	23° 6	29°12	17°41	17°10	28° 9	2°11	3° 6	19°40	24°36	26°11	25° 7	16°29	4°49
M31	3 9 50	16♌ 3'15	7♌53	0♌42	18♌54	17♌49	28°♌ 1	2♌14	3♌ 6	19♌40	24♌35	26♌ 9	25♌ 3	16♌35	4♌54

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	6s19	11s12	0n22	4s 6	1n11	15s42	0s13	23s12	2s58	10n47	1s31	12n54	1n24	10s58	0s48	21n31	0s33	17n41	5s44	10s 8	10s18	6n21	16s59	6n30
S 2	6 42	14 16	1 43	4 52	1 5	16 7	0 16	23 2	2 55	10 44	1 31	12 52	1 24	10 59	0 48	21 31	0 33	17 41	5 44	10 9	10 17	6 23	16 59	6 29
M 3	7 5	17 18	2 56	5 36	0 59	16 32	0 19	22 52	2 53	10 42	1 31	12 50	1 25	10 59	0 48	21 31	0 33	17 41	5 44	10 9	10 16	6 25	17 0	6 29
T 4	7 27	18 39	3 56	6 21	0 53	16 56	0 21	22 42	2 50	10 39	1 31	12 49	1 25	11 0	0 48	21 31	0 33	17 41	5 44	10 9	10 15	6 26	17 0	6 28
W 5	7 50	18 50	4 40	7 5	0 47	17 20	0 24	22 32	2 48	10 36	1 31	12 47	1 25	11 0	0 48	21 31	0 33	17 41	5 44	10 9	10 14	6 28	17 1	6 28
T 6	8 13	17 55	5 7	7 48	0 41	17 44	0 27	22 22	2 45	10 33	1 31	12 45	1 25	11 1	0 48	21 31	0 33	17 41	5 44	10 9	10 13	6 30	17 1	6 27
F 7	8 35	16 5	5 18	8 31	0 34	18 7	0 30	22 11	2 43	10 31	1 31	12 43	1 25	11 1	0 48	21 31	0 33	17 41	5 44	10 9	10 11	6 32	17 1	6 27
S 8	8 57	13 32	5 12	9 14	0 28	18 29	0 33	22 1	2 40	10 28	1 31	12 41	1 25	11 2	0 48	21 31	0 33	17 41	5 44	10 9	10 10	6 34	17 2	6 26
S 9	9 20	10 25	4 53	9 56	0 21	18 52	0 35	21 50	2 38	10 25	1 31	12 39	1 26	11 2	0 48	21 31	0 33	17 41	5 44	10 9	10 9	6 35	17 2	6 26
M10	9 42	6 55	4 20	10 37	0 14	19 13	0 38	21 39	2 36	10 22	1 31	12 38	1 26	11 3	0 47	21 31	0 33	17 41	5 44	10 9	10 8	6 37	17 2	6 26
T 11	10 4	3 11	3 36	11 18	0 8	19 34	0 41	21 28	2 33	10 20	1 30	12 36	1 26	11 3	0 47	21 31	0 33	17 41	5 44	10 9	10 7	6 39	17 3	6 25
W12	10 25	0n39	2 43	11 59	0 1	19 55	0 44	21 17	2 31	10 17	1 30	12 34	1 26	11 3	0 47	21 31	0 33	17 41	5 44	10 9	10 6	6 41	17 3	6 25
T 13	10 47	4 27	1 44	12 38	0s 6	20 15	0 47	21 5	2 29	10 14	1 30	12 32	1 26	11 4	0 47	21 31	0 33	17 40	5 44	10 9	10 5	6 43	17 3	6 24
F 14	11 8	8 4	0 40	13 17	0 13	20 35	0 49	20 54	2 26	10 11	1 30	12 31	1 27	11 4	0 47	21 31	0 33	17 40	5 44	10 9	10 3	6 44	17 4	6 24
S 15	11 30	11 24	0s25	13 55	0 19	20 54	0 52	20 42	2 24	10 8	1 30	12 29	1 27	11 5	0 47	21 31	0 33	17 40	5 45	10 9	10 2	6 46	17 4	6 23
S 16	11 51	14 16	1 30	14 33	0 26	21 12	0 55	20 30	2 22	10 6	1 30	12 27	1 27	11 5	0 47	21 31	0 33	17 40	5 45	10 9	10 1	6 48	17 4	6 23
M17	12 12	16 33	2 32	15 9	0 33	21 30	0 57	20 18	2 19	10 3	1 30	12 26	1 27	11 5	0 47	21 31	0 33	17 40	5 45	10 9	10 0	6 50	17 5	6 23
T 18	12 32	18 7	3 27	15 45	0 39	21 48	1 0	20 6	2 17	10 0	1 30	12 24	1 27	11 5	0 47	21 31	0 33	17 40	5 45	10 9	9 59	6 51	17 5	6 22
W19	12 53	18 51	4 14	16 21	0 46	22 4	1 3	19 54	2 15	9 57	1 30	12 23	1 28	11 6	0 47	21 31	0 33	17 40	5 45	10 8	9 58	6 53	17 5	6 22
T 20	13 13	18 41	4 49	16 55	0 52	22 20	1 5	19 41	2 13	9 55	1 30	12 21	1 28	11 6	0 47	21 31	0 33	17 40	5 45	10 8	9 56	6 55	17 6	6 21
F 21	13 33	17 35	5 11	17 28	0 58	22 36	1 8	19 29	2 10	9 52	1 30	12 20	1 28	11 6	0 47	21 31	0 33	17 40	5 45	10 8	9 55	6 57	17 6	6 21
S 22	13 53	15 33	5 17	18 1	1 5	22 51	1 10	19 16	2 8	9 49	1 30	12 18	1 28	11 6	0 47	21 31	0 33	17 40	5 45	10 7	9 54	6 59	17 6	6 21
S 23	14 13	12 38	5 7	18 33	1 11	23 5	1 13	19 3	2 6	9 46	1 29	12 17	1 28	11 7	0 47	21 31	0 33	17 40	5 45	10 7	9 53	7 0	17 6	6 20
M24	14 32	8 58	4 39	19 4	1 17	2																		

SWISS EPHEMERIS for the year 1418

NOVEMBER 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	3 13 47	17♁ 3'49	22♁19	2♁11	20♁ 8	18♁28	27°R54	2♁18	3°R 6	19°R39	24°R34	26°R 6	25♁ 0	16°Y42	4♁58
W 2	3 17 44	18° 4'26	6♁21	3°39	21°21	19° 7	27°Y47	2°22	3°H 6	19°G38	24°H33	26♁ 2	24°57	16°49	5° 3
T 3	3 21 40	19° 5'03	19°55	5° 7	22°35	19°46	27°40	2°25	3° 6	19°38	24°32	26° 0	24°54	16°55	5° 7
F 4	3 25 37	20° 5'42	3♁ 2	6°35	23°48	20°25	27°33	2°29	3°D 6	19°37	24°31	25°57	24°51	17° 2	5°12
S 5	3 29 33	21° 6'21	15°45	8° 2	25° 2	21° 4	27°26	2°32	3° 6	19°36	24°30	25°D56	24°47	17° 8	5°16
S 6	3 33 30	22° 7'02	28° 7	9°28	26°15	21°43	27°19	2°35	3° 6	19°36	24°29	25°56	24°44	17°15	5°21
M 7	3 37 26	23° 7'44	10♁13	10°54	27°28	22°23	27°13	2°38	3° 6	19°35	24°28	25°57	24°41	17°22	5°25
T 8	3 41 23	24° 8'27	22° 8	12°19	28°42	23° 2	27° 6	2°41	3° 6	19°34	24°27	25°59	24°38	17°28	5°30
W 9	3 45 19	25° 9'11	3°Y57	13°43	29°55	23°42	27° 0	2°44	3° 6	19°33	24°26	26° 1	24°35	17°35	5°35
T 10	3 49 16	26° 9'57	15°44	15° 6	1♁ 8	24°21	26°54	2°47	3° 7	19°33	24°25	26° 3	24°32	17°42	5°40
F 11	3 53 13	27°10'43	27°33	16°28	2°22	25° 1	26°48	2°50	3° 7	19°32	24°24	26°R 3	24°28	17°48	5°45
S 12	3 57 9	28°11'31	9♁27	17°48	3°35	25°41	26°42	2°52	3° 7	19°31	24°23	26° 2	24°25	17°55	5°49
S 13	4 1 6	29°12'20	21°29	19° 8	4°48	26°21	26°36	2°55	3° 8	19°30	24°22	25°59	24°22	18° 2	5°54
M14	4 5 2	0♁13'10	3♁41	20°25	6° 1	27° 1	26°30	2°57	3° 8	19°29	24°21	25°55	24°19	18° 8	5°59
T 15	4 8 59	1°14'01	16° 4	21°41	7°14	27°41	26°25	2°59	3° 9	19°28	24°20	25°49	24°16	18°15	6° 4
W16	4 12 55	2°14'53	28°39	22°54	8°27	28°21	26°20	3° 2	3° 9	19°27	24°19	25°43	24°12	18°22	6° 9
T 17	4 16 52	3°15'47	11♁26	24° 4	9°40	29° 1	26°15	3° 4	3°10	19°26	24°18	25°36	24° 9	18°28	6°14
F 18	4 20 48	4°16'42	24°25	25°12	10°53	29°41	26°10	3° 6	3°11	19°25	24°16	25°30	24° 6	18°35	6°20
S 19	4 24 45	5°17'38	7♁38	26°16	12° 6	0♁21	26° 5	3° 8	3°12	19°24	24°15	25°25	24° 3	18°42	6°25
S 20	4 28 42	6°18'35	21° 5	27°17	13°19	1° 2	26° 1	3° 9	3°12	19°23	24°14	25°22	24° 0	18°48	6°30
M21	4 32 38	7°19'34	4♁46	28°12	14°32	1°42	25°56	3°11	3°13	19°21	24°13	25°D21	23°57	18°55	6°35
T 22	4 36 35	8°20'33	18°42	29° 3	15°45	2°22	25°52	3°13	3°14	19°20	24°12	25°21	23°53	19° 1	6°40
W23	4 40 31	9°21'34	2♁52	29°48	16°58	3° 3	25°48	3°14	3°15	19°19	24°11	25°22	23°50	19° 8	6°46
T 24	4 44 28	10°22'36	17°17	0♁26	18°10	3°43	25°44	3°15	3°16	19°18	24°10	25°24	23°47	19°15	6°51
F 25	4 48 24	11°23'40	1♁52	0°56	19°23	4°24	25°41	3°17	3°17	19°17	24° 8	25°R24	23°44	19°21	6°56
S 26	4 52 21	12°24'44	16°33	1°18	20°36	5° 5	25°37	3°18	3°18	19°15	24° 7	25°22	23°41	19°28	7° 2
S 27	4 56 17	13°25'49	1♁15	1°31	21°48	5°45	25°34	3°19	3°19	19°14	24° 6	25°18	23°38	19°35	7° 7
M28	5 0 14	14°26'56	15°50	1°R34	23° 1	6°26	25°31	3°20	3°21	19°13	24° 5	25°11	23°34	19°41	7°12
T 29	5 4 11	15°28'02	0♁11	1°26	24°13	7° 7	25°28	3°20	3°22	19°11	24° 4	25° 3	23°31	19°48	7°18
W30	5 8 7	16°29'10	14♁12	1♁ 6	25°26	7♁47	25°Y26	3°H21	3°H23	19°G10	24°H 2	24°G54	23°G28	19°Y55	7♁23

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	16s59	18s55	4n23	22s36	1s58	24s42	1s34	17s 2	1s47	9n23	1s28	12n 6	1n30	11s 7	0s47
W 2	17 16	18 25	4 57	22 57	2 3	24 49	1 36	16 48	1 45	9 21	1 28	12 5	1 31	11 7	0 47
T 3	17 33	16 51	5 14	23 18	2 7	24 56	1 38	16 34	1 43	9 19	1 28	12 3	1 31	11 7	0 47
F 4	17 49	14 28	5 13	23 37	2 10	25 2	1 40	16 19	1 41	9 16	1 27	12 2	1 31	11 7	0 47
S 5	18 5	11 26	4 57	23 55	2 14	25 7	1 42	16 5	1 39	9 14	1 27	12 1	1 31	11 7	0 47
S 6	18 21	7 59	4 27	24 11	2 17	25 11	1 44	15 50	1 37	9 12	1 27	12 1	1 32	11 7	0 47
M 7	18 37	4 16	3 46	24 27	2 19	25 15	1 45	15 36	1 35	9 10	1 27	12 0	1 32	11 7	0 46
T 8	18 52	0 26	2 56	24 41	2 22	25 17	1 47	15 21	1 33	9 8	1 27	11 59	1 32	11 7	0 46
W 9	19 7	3n23	1 59	24 54	2 24	25 20	1 49	15 6	1 31	9 6	1 26	11 58	1 32	11 7	0 46
T 10	19 21	7 5	0 56	25 5	2 25	25 21	1 50	14 51	1 30	9 4	1 26	11 57	1 33	11 7	0 46
F 11	19 35	10 30	0s 8	25 15	2 26	25 21	1 52	14 36	1 28	9 2	1 26	11 56	1 33	11 7	0 46
S 12	19 49	13 32	1 13	25 23	2 27	25 21	1 53	14 21	1 26	9 0	1 26	11 56	1 33	11 7	0 46
S 13	20 2	16 1	2 15	25 30	2 27	25 20	1 55	14 5	1 24	8 58	1 25	11 55	1 33	11 6	0 46
M14	20 16	17 49	3 11	25 35	2 26	25 18	1 56	13 50	1 22	8 56	1 25	11 54	1 34	11 6	0 46
T 15	20 28	18 49	4 0	25 39	2 25	25 16	1 57	13 34	1 20	8 54	1 25	11 54	1 34	11 6	0 46
W16	20 40	18 53	4 37	25 42	2 23	25 13	1 58	13 19	1 19	8 53	1 25	11 53	1 34	11 6	0 46
T 17	20 52	18 1	5 1	25 42	2 20	25 9	2 0	13 3	1 17	8 51	1 24	11 53	1 34	11 5	0 46
F 18	21 4	16 12	5 11	25 42	2 16	25 4	2 1	12 47	1 15	8 50	1 24	11 52	1 35	11 5	0 46
S 19	21 15	13 31	5 4	25 39	2 12	24 59	2 1	12 31	1 13	8 48	1 24	11 52	1 35	11 5	0 46
S 20	21 26	10 5	4 40	25 36	2 6	24 52	2 2	12 15	1 12	8 47	1 23	11 51	1 35	11 4	0 46
M21	21 36	6 4	4 0	25 30	2 0	24 45	2 3	11 59	1 10	8 45	1 23	11 51	1 35	11 4	0 46
T 22	21 46	1 38	3 6	25 23	1 53	24 38	2 4	11 43	1 8	8 44	1 23	11 51	1 35	11 4	0 46
W23	21 55	2s58	1 59	25 15	1 44	24 29	2 4	11 27	1 7	8 43	1 23	11 50	1 36	11 3	0 46
T 24	22 4	7 29	0 44	25 5	1 34	24 20	2 5	11 11	1 5	8 42	1 22	11 50	1 36	11 3	0 46
F 25	22 13	11 37	0n35	24 54	1 23	24 10	2 5	10 54	1 3	8 41	1 22	11 50	1 36	11 3	0 46
S 26	22 21	15 3	1 52	24 41	1 11	24 0	2 6	10 38	1 2	8 40	1 22	11 50	1 36	11 2	0 46
S 27	22 29	17 31	3 1	24 27	0 57	23 49	2 6	10 22	1 0	8 39	1 21	11 49	1 37	11 2	0 46
M28	22 36	18 49	3 58	24 12	0 42	23 37	2 6	10 5	0 58	8 38	1 21	11 49	1 37	11 1	0 46
T 29	22 43	18 52	4 39	23 55	0 25	23 24	2 6	9 48	0 57	8 38	1 21	11 49	1 37	11 1	0 46
W30	22s49	17s45	5n 2	23s38	0s 8	23s11	2s 6	9s32	0s55	8n37	1s21	11n49	1n38	11s 0	0s46

Julian Day Number = 2239286.5, Delta T = 292.17 sec
 Ecliptic obliquity = 23°30'45", Nutation = 0°00'06"
 Ayanamsha: Fagan/Bradley = 16°37'59", Lahiri = 15°44'59" Julian Calendar 1 Nov. 1418 == Greg. Calendar 10 Nov. 1418

SWISS EPHEMERIS for the year 1418

DECEMBER 1418 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	5 12 4	17°30'18	27°34'49	0°R35	26°38'38	8°K28	25°R23	3°M22	3°K24	19°R 9	24°R 1	24°R45	23°Ω25	20°Υ 1	7°Ω29
F 2	5 16 0	18°31'26	11°38' 1	29°R53	27°51	9° 9	25°Υ21	3°22	3°26	19°Ω 7	24°Π 0	24°Ω38	23°22	20° 8	7°34
S 3	5 19 57	19°32'34	23°48	28°59	29° 3	9°50	25°19	3°22	3°27	19° 6	23°59	24°32	23°18	20°15	7°40
S 4	5 23 53	20°33'43	6°K13	27°55	0°38'15	10°31	25°17	3°23	3°29	19° 4	23°58	24°29	23°15	20°21	7°45
M 5	5 27 50	21°34'52	18°21	26°44	1°27	11°12	25°16	3°R23	3°30	19° 3	23°57	24°D27	23°12	20°28	7°51
T 6	5 31 46	22°36'01	0°Υ16	25°26	2°39	11°53	25°14	3°23	3°32	19° 1	23°55	24°27	23° 9	20°35	7°56
W 7	5 35 43	23°37'10	12° 5	24° 4	3°51	12°34	25°13	3°23	3°33	19° 0	23°54	24°28	23° 6	20°41	8° 2
T 8	5 39 40	24°38'19	23°52	22°41	5° 3	13°15	25°12	3°22	3°35	18°59	23°53	24°R29	23° 3	20°48	8° 8
F 9	5 43 36	25°39'28	5°K42	21°21	6°15	13°56	25°12	3°22	3°37	18°57	23°52	24°28	22°59	20°54	8°13
S 10	5 47 33	26°40'38	17°41	20° 5	7°26	14°37	25°11	3°22	3°39	18°55	23°50	24°25	22°56	21° 1	8°19
S 11	5 51 29	27°41'47	29°51	18°55	8°38	15°18	25°11	3°21	3°40	18°54	23°49	24°20	22°53	21° 8	8°24
M12	5 55 26	28°42'57	12°Π16	17°54	9°50	16° 0	25°D11	3°20	3°42	18°52	23°48	24°12	22°50	21°14	8°30
T 13	5 59 22	29°44'07	24°56	17° 2	11° 1	16°41	25°11	3°20	3°44	18°51	23°47	24° 1	22°47	21°21	8°36
W14	6 3 19	0°Ω45'16	7°Ω52	16°21	12°12	17°22	25°11	3°19	3°46	18°49	23°46	23°49	22°44	21°28	8°41
T 15	6 7 15	1°46'26	21° 2	15°50	13°24	18° 3	25°12	3°18	3°48	18°48	23°45	23°37	22°40	21°34	8°47
F 16	6 11 12	2°47'36	4°Ω25	15°29	14°35	18°44	25°12	3°17	3°50	18°46	23°43	23°26	22°37	21°41	8°53
S 17	6 15 9	3°48'47	17°59	15°19	15°46	19°26	25°13	3°15	3°52	18°44	23°42	23°16	22°34	21°48	8°58
S 18	6 19 5	4°49'57	1°M41	15°D18	16°57	20° 7	25°14	3°14	3°54	18°43	23°41	23° 9	22°31	21°54	9° 4
M19	6 23 2	5°51'07	15°31	15°25	18° 8	20°48	25°16	3°13	3°56	18°41	23°40	23° 5	22°28	22° 1	9°10
T 20	6 26 58	6°52'18	29°27	15°41	19°18	21°29	25°17	3°11	3°59	18°39	23°39	23° 4	22°24	22° 8	9°16
W21	6 30 55	7°53'29	13°Ω29	16° 4	20°29	22°11	25°19	3°10	4° 1	18°38	23°37	23°D 3	22°21	22°14	9°21
T 22	6 34 51	8°54'40	27°37	16°34	21°40	22°52	25°21	3° 8	4° 3	18°36	23°36	23°R 4	22°18	22°21	9°27
F 23	6 38 48	9°55'51	11°M49	17°10	22°50	23°33	25°23	3° 6	4° 5	18°34	23°35	23° 2	22°15	22°27	9°33
S 24	6 42 44	10°57'02	26° 4	17°51	24° 0	24°14	25°25	3° 4	4° 8	18°33	23°34	22°59	22°12	22°34	9°38
S 25	6 46 41	11°58'13	10°K19	18°38	25°10	24°56	25°28	3° 2	4°10	18°31	23°33	22°53	22° 9	22°41	9°44
M26	6 50 38	12°59'24	24°28	19°28	26°21	25°37	25°31	3° 0	4°13	18°29	23°32	22°43	22° 5	22°47	9°50
T 27	6 54 34	14° 0'34	8°Ω28	20°23	27°30	26°18	25°34	2°58	4°15	18°28	23°31	22°31	22° 2	22°54	9°55
W28	6 58 31	15° 1'45	22°14	21°21	28°40	27° 0	25°37	2°55	4°18	18°26	23°29	22°18	21°59	23° 1	10° 1
T 29	7 2 27	16° 2'54	5°341	22°22	29°50	27°41	25°40	2°53	4°20	18°24	23°28	22° 5	21°56	23° 7	10° 7
F 30	7 6 24	17° 4'04	18°48	23°26	0°K59	28°22	25°44	2°50	4°23	18°23	23°27	21°53	21°53	23°14	10°12
S 31	7 10 20	18°Ω 5'12	1°K33	24°K32	2°K 9	29°K 4	25°Υ48	2°M48	4°K25	18°Ω21	23°Π26	21°Ω44	21°Ω50	23°Υ21	10°Ω18

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22s55	15s39	5n 6	23s20	0n11	22s57	2s 6	9s15	0s54	8n36	1s20	11n49	1n38	11s 0	0s46	21n35	0s33	17n38	5s45	9s37	9s 7	8n 8	17s 8	6n11
F 2	23 1	12 48	4 55	23 0	0 31	22 42	2 6	8 58	0 52	8 36	1 20	11 49	1 38	10 59	0 46	21 36	0 33	17 38	5 45	9 34	9 6	8 10	17 8	6 11
S 3	23 6	9 25	4 28	22 40	0 51	22 27	2 5	8 41	0 51	8 35	1 20	11 50	1 38	10 59	0 45	21 36	0 33	17 38	5 45	9 32	9 5	8 11	17 8	6 10
S 4	23 11	5 42	3 50	22 19	1 11	22 11	2 5	8 24	0 49	8 35	1 19	11 50	1 39	10 58	0 45	21 36	0 33	17 38	5 45	9 31	9 4	8 13	17 7	6 10
M 5	23 15	1 50	3 2	21 58	1 30	21 55	2 4	8 7	0 48	8 35	1 19	11 50	1 39	10 57	0 45	21 36	0 33	17 38	5 45	9 30	9 3	8 15	17 7	6 10
T 6	23 18	2n 2	2 6	21 37	1 49	21 38	2 4	7 50	0 46	8 34	1 19	11 50	1 39	10 57	0 45	21 36	0 33	17 38	5 45	9 30	9 1	8 16	17 7	6 10
W 7	23 21	5 48	1 6	21 16	2 7	21 20	2 3	7 33	0 45	8 34	1 18	11 50	1 39	10 56	0 45	21 37	0 33	17 38	5 45	9 31	9 0	8 18	17 7	6 10
T 8	23 24	9 20	0 3	20 56	2 23	21 2	2 2	7 16	0 43	8 34	1 18	11 51	1 40	10 56	0 45	21 37	0 33	17 38	5 45	9 31	8 59	8 20	17 6	6 10
F 9	23 26	12 31	1s 0	20 38	2 36	20 43	2 1	6 59	0 42	8 34	1 18	11 51	1 40	10 55	0 45	21 37	0 33	17 38	5 45	9 31	8 58	8 22	17 6	6 10
S 10	23 28	15 13	2 1	20 21	2 47	20 24	2 0	6 41	0 40	8 34	1 17	11 51	1 40	10 54	0 45	21 37	0 33	17 38	5 45	9 30	8 57	8 23	17 6	6 10
S 11	23 30	17 18	2 5	20 7	2 56	20 4	1 59	6 24	0 39	8 35	1 17	11 52	1 40	10 54	0 45	21 37	0 33	17 38	5 45	9 28	8 55	8 25	17 5	6 10
M12	23 30	18 36	3 46	19 56	3 19	19 44	1 58	6 7	0 37	8 35	1 17	11 52	1 41	10 53	0 45	21 38	0 33	17 38	5 45	9 25	8 54	8 27	17 5	6 10
T 13	23 31	19 0	4 25	19 47	3 7	19 23	1 56	5 50	0 36	8 35	1 16	11 53	1 41	10 52	0 45	21 38	0 33	17 38	5 45	9 21	8 53	8 28	17 5	6 10
W14	23 31	18 26	4 51	19 41	3 9	19 1	1 55	5 32	0 35	8 36	1 16	11 53	1 41	10 51	0 45	21 38	0 33	17 38	5 45	9 16	8 52	8 30	17 5	6 10
T 15	23 30	16 53	5 2	19 38	3 9	18 40	1 53	5 15	0 33	8 36	1 16	11 54	1 41	10 51	0 45	21 38	0 33	17 38	5 45	9 12	8 51	8 32	17 4	6 10
F 16	23 29	14 24	4 57	19 37	3 7	18 17	1 52	4 57	0 32	8 37	1 15	11 55	1 42	10 50	0 45	21 39	0 33	17 38	5 44	9 8	8 50	8 33	17 4	6 10
S 17	23 27	11 7	4 35	19 39	3 4	17 54	1 50	4 40	0 31	8 37	1 15	11 55	1 42	10 49	0 45	21 39	0 33	17 38	5 44	9 4	8 48	8 35	17 3	6 10
S 18	23 25	7 13	3 57	19 44	2 59	17 31	1 48	4 23	0 29	8 38	1 15	11 56	1 42	10 48	0 45	21 39	0 33	17 38	5 44	9 1	8 47	8 37	17 3	6 10
M19	23 23	2 53	3 5	19 50	2 53	17 7	1 46	4 5	0 28	8 39	1 15	11 57	1 42	10 47	0 45	21 39	0 33	17 38	5 44	9 0	8 46	8 38	17 3	6 10
T 20	23 20	1s39	2 2	19 58	2 47	16 43	1 44	3 48	0 27	8 40	1 14	11 58	1 42	10 47	0 45	21 40	0 33	17 38	5 44	8 59	8 45	8 40	17 2	6 10
W21	23 17	6 7	0 51	20 8	2 40	16 19	1 42	3 30	0 25	8 41	1 14	11 58	1 43	10 46	0 45	21 40	0 33	17 38	5 44	8 59	8 44	8 42	17 2	6 10
T 22	23 13	10 17	0n24	20 19	2 32	15 54	1 39	3 13	0 24	8 42	1 14	11 59	1 43	10 45	0 45	21 40	0 33	17 38	5 44	8 59	8 42	8 43	17 2	6 10
F 23	23 8	13 53	1 38	20 30	2 24	15 28	1 37	2 55	0 23	8 43	1 13	12 0	1 43	10 44	0 45	21 40	0 33	17 38	5 44	8 59	8 41	8 45	17 1	6 10
S 24	23 4	16 39	2 45	20 43	2 15	15 3	1 34	2 37	0 22	8 44	1 13	12 1	1 43	10 43	0 45	21 40	0 33	17 38	5 44	8 58	8 40	8 47	17 1	6 10
S 25	22 58	18 24	3 42	20 56	2 6	14 36	1 32	2 20	0 20	8 45	1 13	12 2	1 44	10 42	0 45	21 41	0 33	17 38	5 44	8 55	8 39	8 48	17 0	6 10
M26	22 53	18 59	4 25	21 9	1 57	14 10	1 29	2 2	0 19	8 46	1 12	12 3	1 44	10 41	0 45	21 41	0 33	17 38	5 44	8 52	8 38	8 50	17 0	6 10
T 27	22 46	18 23	4 52	21 22	1 48	13 43	1 26	1 45	0 18	8 48	1 12	12 4	1 44	10 40	0 45	21 41	0 33	17 38	5 44	8 47	8 37	8 52	16 59	6 10
W28	22 40	16 44	5 1	21 35	1 39	13 16	1 23	1 27	0 17	8 49	1 12	12 5	1 44	10 39	0 45	21 41	0 33	17 38	5 43	8 42	8 35	8 53	16 59	6 10
T 29	22 33	14 11	4 52	21 48	1 30	12 49	1 20	1 10</																