

SWISS EPHEMERIS for the year 1531

JANUARY 1531 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	7 17 43	19°55'38	17°46	27°32	7°2	4°10	24°41	6°R30	1°R27	21°21	27°22	15°R25	15°31	20°47	24°13	
M 2	7 21 39	20°56'43	2°54	28°49	8°2	4°51	24°46	6°II27	1°25	21°23	27°24	15°15	15°28	20°54	24°15	
T 3	7 25 36	21°57'47	18°6	0°7	9°2	5°32	24°51	6°24	1°23	21°24	27°26	15°3	15°25	21°1	24°17	
W 4	7 29 32	22°58'51	3°10	1°26	10°2	6°13	24°56	6°22	1°20	21°25	27°27	14°51	15°21	21°7	24°19	
T 5	7 33 29	23°59'54	17°56	2°47	11°0	6°55	25°1	6°19	1°18	21°27	27°29	14°41	15°18	21°14	24°21	
F 6	7 37 25	25°0'57	2°18	4°9	11°59	7°36	25°6	6°17	1°16	21°28	27°31	14°33	15°15	21°21	24°23	
S 7	7 41 22	26°1'58	16°10	5°31	12°57	8°17	25°10	6°14	1°13	21°30	27°33	14°27	15°12	21°28	24°26	
S 8	7 45 18	27°3'00	29°33	6°55	13°54	8°59	25°15	6°12	1°11	21°31	27°35	14°25	15°9	21°34	24°28	
M 9	7 49 15	28°4'00	12°28	8°20	14°51	9°40	25°19	6°10	1°9	21°33	27°37	14°D24	15°6	21°41	24°30	
T 10	7 53 12	29°5'00	24°59	9°45	15°47	10°21	25°23	6°8	1°6	21°34	27°39	14°R24	15°2	21°48	24°33	
W 11	7 57 8	0°6'00	7°12	11°12	16°42	11°3	25°27	6°6	1°4	21°36	27°41	14°24	14°59	21°54	24°35	
T 12	8 1 5	1°6'59	19°12	12°39	17°37	11°44	25°31	6°4	1°2	21°37	27°43	14°22	14°56	22°1	24°38	
F 13	8 5 1	2°7'57	1°5	14°7	18°32	12°25	25°34	6°3	1°0	21°39	27°45	14°18	14°53	22°8	24°40	
S 14	8 8 58	3°8'55	12°54	15°36	19°25	13°7	25°37	6°1	0°58	21°41	27°47	14°12	14°50	22°15	24°43	
S 15	8 12 54	4°9'52	24°44	17°6	20°18	13°48	25°41	6°0	0°56	21°42	27°48	14°2	14°46	22°21	24°45	
M 16	8 16 51	5°10'47	6°38	18°36	21°11	14°30	25°44	5°58	0°54	21°44	27°50	13°51	14°43	22°28	24°48	
T 17	8 20 47	6°11'42	18°39	20°7	22°2	15°11	25°46	5°57	0°52	21°46	27°52	13°38	14°40	22°35	24°51	
W 18	8 24 44	7°12'36	0°38	21°39	22°53	15°53	25°49	5°56	0°50	21°47	27°54	13°24	14°37	22°41	24°54	
T 19	8 28 41	8°13'29	13°6	23°12	23°43	16°35	25°51	5°55	0°48	21°49	27°56	13°12	14°34	22°48	24°56	
F 20	8 32 37	9°14'20	25°33	24°45	24°32	17°16	25°54	5°54	0°46	21°51	27°58	13°2	14°31	22°55	24°59	
S 21	8 36 34	10°15'10	8°10	26°20	25°20	17°58	25°56	5°53	0°44	21°53	28°0	12°54	14°27	23°2	25°2	
S 22	8 40 30	11°15'59	20°58	27°55	26°8	18°39	25°58	5°52	0°42	21°54	28°2	12°49	14°24	23°8	25°5	
M 23	8 44 27	12°16'46	3°56	29°30	26°54	19°21	25°59	5°52	0°41	21°56	28°4	12°46	14°21	23°15	25°8	
T 24	8 48 23	13°17'32	17°8	1°8	27°39	20°3	26°1	5°51	0°39	21°58	28°5	12°D46	14°18	23°22	25°11	
W 25	8 52 20	14°18'16	0°35	2°44	28°24	20°44	26°2	5°51	0°37	22°0	28°7	12°47	14°15	23°28	25°14	
T 26	8 56 16	15°18'58	14°17	4°22	29°7	21°26	26°3	5°51	0°36	22°2	28°9	12°R47	14°11	23°35	25°17	
F 27	9 0 13	16°19'39	28°17	6°1	29°49	22°8	26°4	5°51	0°34	22°4	28°11	12°47	14°8	23°42	25°20	
S 28	9 4 10	17°20'18	12°35	7°41	0°30	22°49	26°5	5°D51	0°33	22°6	28°13	12°44	14°5	23°49	25°23	
S 29	9 8 6	18°20'55	27°7	9°21	1°10	23°31	26°6	5°51	0°31	22°8	28°15	12°39	14°2	23°55	25°26	
M 30	9 12 3	19°21'31	11°50	11°3	1°49	24°13	26°6	5°51	0°30	22°10	28°16	12°32	13°59	24°2	25°29	
T 31	9 15 59	20°22'05	26°37	12°45	2°26	24°55	26°6	5°II51	0°28	22°12	28°18	12°24	13°56	24°9	25°32	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	22s 1	18n31	4s26	22s49	0n40	9s17	0s22	20s50	0n13	8s22	1n19	19n46	1s43	23n47	0n17	4s37
M 2	21 52	18 35	4 53	22 59	0 31	8 50	0 16	20 58	0 12	8 23	1 19	19 45	1 42	23 47	0 17	4 37
T 3	21 42	17 19	5 0	23 8	0 22	8 21	0 10	21 6	0 11	8 25	1 19	19 45	1 42	23 47	0 17	4 36
W 4	21 32	14 52	4 45	23 15	0 14	7 53	0 4	21 14	0 10	8 27	1 20	19 45	1 42	23 47	0 17	4 36
T 5	21 22	11 30	4 12	23 22	0 6	7 25	0n 2	21 21	0 10	8 28	1 20	19 45	1 42	23 47	0 17	4 35
F 6	21 11	7 31	3 23	23 28	0s 2	6 57	0 9	21 29	0 9	8 30	1 20	19 45	1 42	23 47	0 17	4 35
S 7	21 0	3 16	2 23	23 33	0 10	6 29	0 16	21 36	0 8	8 31	1 20	19 44	1 41	23 47	0 17	4 34
S 8	20 48	1s 0	1 18	23 37	0 18	6 0	0 22	21 43	0 8	8 33	1 20	19 44	1 41	23 47	0 17	4 33
M 9	20 36	5 6	0 10	23 40	0 25	5 32	0 29	21 50	0 7	8 34	1 21	19 44	1 41	23 47	0 17	4 33
T 10	20 24	8 50	0n56	23 41	0 33	5 4	0 36	21 57	0 6	8 35	1 21	19 44	1 41	23 47	0 17	4 32
W 11	20 11	12 6	1 58	23 41	0 40	4 35	0 44	22 4	0 5	8 36	1 21	19 44	1 40	23 47	0 17	4 31
T 12	19 58	14 47	2 53	23 40	0 47	4 7	0 51	22 10	0 5	8 37	1 21	19 44	1 40	23 47	0 17	4 31
F 13	19 44	16 49	3 41	23 38	0 53	3 39	0 59	22 17	0 4	8 39	1 22	19 44	1 40	23 47	0 17	4 30
S 14	19 30	18 8	4 18	23 34	1 0	3 11	1 6	22 23	0 3	8 40	1 22	19 44	1 40	23 47	0 17	4 29
S 15	19 16	18 39	4 45	23 29	1 6	2 43	1 14	22 28	0 2	8 40	1 22	19 44	1 39	23 47	0 17	4 29
M 16	19 1	18 21	4 59	23 23	1 12	2 15	1 22	22 34	0 2	8 41	1 22	19 44	1 39	23 47	0 17	4 28
T 17	18 46	17 14	5 0	23 16	1 17	1 47	1 30	22 40	0 1	8 42	1 23	19 44	1 39	23 47	0 17	4 27
W 18	18 31	15 20	4 48	23 7	1 23	1 20	1 38	22 45	0 0	8 43	1 23	19 44	1 39	23 47	0 17	4 27
T 19	18 15	12 44	4 22	22 56	1 28	0 52	1 47	22 50	0s 1	8 44	1 23	19 44	1 38	23 47	0 17	4 26
F 20	17 59	9 31	3 44	22 45	1 33	0 25	1 55	22 55	0 2	8 44	1 23	19 44	1 38	23 47	0 17	4 25
S 21	17 43	5 51	2 53	22 32	1 37	0n 2	2 4	22 59	0 2	8 45	1 23	19 44	1 38	23 47	0 17	4 25
S 22	17 26	1 51	1 54	22 17	1 41	0 29	2 13	23 4	0 3	8 45	1 24	19 44	1 38	23 47	0 17	4 24
M 23	17 9	2n17	0 47	22 1	1 45	0 56	2 21	23 8	0 4	8 46	1 24	19 44	1 37	23 47	0 17	4 23
T 24	16 52	6 23	0s23	21 44	1 49	1 22	2 31	23 12	0 5	8 46	1 24	19 45	1 37	23 47	0 17	4 22
W 25	16 35	10 14	1 34	21 25	1 52	1 48	2 40	23 16	0 6	8 46	1 24	19 45	1 37	23 47	0 17	4 22
T 26	16 17	13 37	2 40	21 5	1 55	2 14	2 49	23 20	0 6	8 46	1 25	19 45	1 37	23 47	0 17	4 21
F 27	15 59	16 16	3 39	20 43	1 58	2 39	2 58	23 23	0 7	8 46	1 25	19 45	1 36	23 47	0 17	4 20
S 28	15 41	17 59	4 25	20 20	2 0	3 4	3 8	23 26	0 8	8 46	1 25	19 45	1 36	23 47	0 17	4 19
S 29	15 22	18 33	4 55	19 55	2 2	3 29	3 18	23 29	0 9	8 46	1 25	19 46	1 36	23 47	0 17	4 18
M 30	15 3	17 53	5 6	19 29	2 3	3 53	3 27	23 32	0 10	8 46	1 26	19 46	1 36	23 47	0 17	4 18
T 31	14s44	16n 2	4s57	19s 1	2s 5	4n17	3n37	23s35	0s11	8s46	1n26	19n46	1s35	23n47	0n17	4s17

Julian Day Number = 2280255.5, Delta T = 164.89 sec
 Ecliptic obliquity = 23°29'51", Nutation = 0°00'05"
 Ayanamsha: Fagan/Bradley = 18°11'46", Lahiri = 17°18'46" Julian Calendar 1 Jan. 1531 == Greg. Calendar 11 Jan. 1531

SWISS EPHEMERIS for the year 1531

FEBRUARY 1531 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	9 19 56	21 ²² 37	11 ²¹ 21	14 ²⁸ 28	3 ² 37	25 ³⁷ 37	26 ⁶ 6	5 ⁵² 52	0 ²⁷ 27	22 ¹⁴ 14	28 ²⁰ 20	12 ¹⁵ 15	13 ⁵² 52	24 ¹⁵ 15	25 ³⁶ 36
T 2	9 23 52	22 ⁰⁸ 08	25 ⁵³ 53	16 ¹² 12	3 ³⁷ 37	26 ¹⁸ 18	26 ⁶ 6	5 ⁵² 52	0 ²⁵ 25	22 ¹⁶ 16	28 ²² 22	12 ⁸ 8	13 ⁴⁹ 49	24 ²² 22	25 ³⁹ 39
F 3	9 27 49	23 ³⁷ 37	10 ¹⁰ 10	17 ⁵⁷ 57	4 ¹⁰ 10	27 ⁰ 0	26 ⁶ 6	5 ⁵³ 53	0 ²⁴ 24	22 ¹⁸ 18	28 ²⁴ 24	12 ² 2	13 ⁴⁶ 46	24 ²⁹ 29	25 ⁴² 42
S 4	9 31 45	24 ⁰⁴ 04	23 ⁵⁶ 56	19 ⁴³ 43	4 ⁴¹ 41	27 ⁴² 42	26 ⁵ 5	5 ⁵⁴ 54	0 ²³ 23	22 ²⁰ 20	28 ²⁵ 25	11 ⁵⁸ 58	13 ⁴³ 43	24 ³⁶ 36	25 ⁴⁵ 45
S 5	9 35 42	25 ³⁰ 30	7 ²⁰ 20	21 ³⁰ 30	5 ¹¹ 11	28 ²⁴ 24	26 ⁴ 4	5 ⁵⁵ 55	0 ²² 22	22 ²² 22	28 ²⁷ 27	11 ⁵⁷ 57	13 ⁴⁰ 40	24 ⁴² 42	25 ⁴⁹ 49
M 6	9 39 39	26 ⁵⁵ 55	20 ¹⁹ 19	23 ¹⁸ 18	5 ⁴⁰ 40	29 ⁶ 6	26 ⁴ 4	5 ⁵⁶ 56	0 ²¹ 21	22 ²⁴ 24	28 ²⁹ 29	11 ⁵⁷ 57	13 ³⁷ 37	24 ⁴⁹ 49	25 ⁵² 52
T 7	9 43 35	27 ¹⁸ 18	21 ⁵⁶ 56	25 ⁷ 7	6 ⁶ 6	29 ⁴⁸ 48	26 ² 2	5 ⁵⁷ 57	0 ²⁰ 20	22 ²⁶ 26	28 ³¹ 31	11 ⁵⁸ 58	13 ³³ 33	24 ⁵⁶ 56	25 ⁵⁵ 55
W 8	9 47 32	28 ⁵⁴ 54	15 ¹⁴ 14	26 ⁵⁶ 56	6 ³¹ 31	0 ³⁰ 30	26 ¹ 1	5 ⁵⁸ 58	0 ¹⁸ 18	22 ²⁸ 28	28 ³² 32	11 ⁵⁹ 59	13 ³⁰ 30	25 ² 2	25 ⁵⁹ 59
T 9	9 51 28	29 ⁰⁰ 00	27 ¹⁸ 18	28 ⁴⁷ 47	6 ⁵⁴ 54	1 ¹² 12	26 ⁰ 0	5 ⁵⁹ 59	0 ¹⁷ 17	22 ³⁰ 30	28 ³⁴ 34	12 ⁰ 0	13 ²⁷ 27	25 ⁹ 9	26 ² 2
F 10	9 55 25	0 ¹⁹ 19	9 ¹³ 13	0 ³⁸ 38	7 ¹⁶ 16	1 ⁵⁴ 54	25 ⁵⁸ 58	6 ¹ 1	0 ¹⁷ 17	22 ³² 32	28 ³⁶ 36	12 ⁰ 0	13 ²⁴ 24	25 ¹⁶ 16	26 ⁶ 6
S 11	9 59 21	1 ³⁶ 36	21 ⁴ 4	2 ³¹ 31	7 ³⁵ 35	2 ³⁶ 36	25 ⁵⁶ 56	6 ³ 3	0 ¹⁶ 16	22 ³⁵ 35	28 ³⁷ 37	11 ⁵⁸ 58	13 ²¹ 21	25 ²³ 23	26 ⁹ 9
S 12	10 3 18	2 ⁵² 52	2 ⁵⁶ 56	4 ²⁴ 24	7 ⁵³ 53	3 ¹⁸ 18	25 ⁵⁴ 54	6 ⁴ 4	0 ¹⁵ 15	22 ³⁷ 37	28 ³⁹ 39	11 ⁵⁴ 54	13 ¹⁷ 17	25 ²⁹ 29	26 ¹² 12
M13	10 7 14	3 ⁰⁶ 06	14 ⁵³ 53	6 ¹⁸ 18	8 ⁸ 8	4 ⁰ 0	25 ⁵² 52	6 ⁶ 6	0 ¹⁴ 14	22 ³⁹ 39	28 ⁴¹ 41	11 ⁴⁸ 48	13 ¹⁴ 14	25 ³⁶ 36	26 ¹⁶ 16
T 14	10 11 11	4 ¹⁹ 19	26 ⁵⁹ 59	8 ¹² 12	8 ²¹ 21	4 ⁴² 42	25 ⁴⁹ 49	6 ⁸ 8	0 ¹³ 13	22 ⁴¹ 41	28 ⁴² 42	11 ⁴² 42	13 ¹¹ 11	25 ⁴³ 43	26 ¹⁹ 19
W15	10 15 8	5 ³⁰ 30	9 ¹⁵ 15	10 ⁸ 8	8 ³² 32	5 ²⁴ 24	25 ⁴⁷ 47	6 ¹⁰ 10	0 ¹³ 13	22 ⁴³ 43	28 ⁴⁴ 44	11 ³⁵ 35	13 ⁸ 8	25 ⁴⁹ 49	26 ²³ 23
T 16	10 19 4	6 ³⁹ 39	21 ⁴⁵ 45	12 ³ 3	8 ⁴¹ 41	6 ⁶ 6	25 ⁴⁴ 44	6 ¹² 12	0 ¹² 12	22 ⁴⁵ 45	28 ⁴⁶ 46	11 ²⁸ 28	13 ⁵ 5	25 ⁵⁶ 56	26 ²⁷ 27
F 17	10 23 1	7 ⁴⁶ 46	4 ²⁸ 28	13 ⁵⁹ 59	8 ⁴⁸ 48	6 ⁴⁸ 48	25 ⁴¹ 41	6 ¹⁴ 14	0 ¹¹ 11	22 ⁴⁸ 48	28 ⁴⁷ 47	11 ²³ 23	13 ² 2	26 ³ 3	26 ³⁰ 30
S 18	10 26 57	8 ⁵² 52	17 ²⁴ 24	15 ⁵⁵ 55	8 ⁵² 52	7 ³¹ 31	25 ³⁸ 38	6 ¹⁷ 17	0 ¹¹ 11	22 ⁵⁰ 50	28 ⁴⁹ 49	11 ¹⁹ 19	12 ⁵⁸ 58	26 ¹⁰ 10	26 ³⁴ 34
S 19	10 30 54	9 ⁵⁵ 55	0 ³⁴ 34	17 ⁵¹ 51	8 ⁵⁴ 54	8 ¹³ 13	25 ³⁴ 34	6 ¹⁹ 19	0 ¹⁰ 10	22 ⁵² 52	28 ⁵⁰ 50	11 ¹⁷ 17	12 ⁵⁵ 55	26 ¹⁶ 16	26 ³⁷ 37
M20	10 34 50	10 ⁵⁷ 57	13 ⁵⁵ 55	19 ⁴⁷ 47	8 ⁵³ 53	8 ⁵⁵ 55	25 ³¹ 31	6 ²² 22	0 ¹⁰ 10	22 ⁵⁴ 54	28 ⁵² 52	11 ¹⁶ 16	12 ⁵² 52	26 ²³ 23	26 ⁴¹ 41
T 21	10 38 47	11 ⁵⁶ 56	27 ²⁸ 28	21 ⁴³ 43	8 ⁵⁰ 50	9 ³⁷ 37	25 ²⁷ 27	6 ²⁴ 24	0 ¹⁰ 10	22 ⁵⁶ 56	28 ⁵³ 53	11 ¹⁷ 17	12 ⁴⁹ 49	26 ³⁰ 30	26 ⁴⁵ 45
W22	10 42 43	12 ⁵⁴ 54	11 ¹² 12	23 ³⁷ 37	8 ⁴⁵ 45	10 ¹⁹ 19	25 ²³ 23	6 ²⁷ 27	0 ⁹ 9	22 ⁵⁹ 59	28 ⁵⁵ 55	11 ¹⁹ 19	12 ⁴⁶ 46	26 ³⁶ 36	26 ⁴⁸ 48
T 23	10 46 40	13 ⁴⁹ 49	25 ⁵ 5	25 ³⁰ 30	8 ³⁶ 36	11 ² 2	25 ¹⁹ 19	6 ³⁰ 30	0 ⁹ 9	23 ¹ 1	28 ⁵⁶ 56	11 ²⁰ 20	12 ⁴³ 43	26 ⁴³ 43	26 ⁵² 52
F 24	10 50 36	14 ⁴² 42	9 ¹¹ 11	27 ²² 22	8 ²⁶ 26	11 ⁴⁴ 44	25 ¹⁵ 15	6 ³³ 33	0 ⁹ 9	23 ³ 3	28 ⁵⁸ 58	11 ²¹ 21	12 ³⁹ 39	26 ⁵⁰ 50	26 ⁵⁵ 55
S 25	10 54 33	15 ³³ 33	23 ¹⁸ 18	29 ¹¹ 11	8 ¹³ 13	12 ²⁶ 26	25 ¹¹ 11	6 ³⁶ 36	0 ⁹ 9	23 ⁵ 5	28 ⁵⁹ 59	11 ²¹ 21	12 ³⁶ 36	26 ⁵⁷ 57	26 ⁵⁹ 59
S 26	10 58 30	16 ²¹ 21	7 ³⁴ 34	0 ⁵⁸ 58	7 ⁵⁷ 57	13 ⁸ 8	25 ⁶ 6	6 ³⁹ 39	0 ⁹ 9	23 ⁸ 8	29 ⁰ 0	11 ²⁰ 20	12 ³³ 33	27 ³ 3	27 ³ 3
M27	11 2 26	17 ⁰⁷ 07	21 ⁵⁴ 54	2 ⁴³ 43	7 ³⁹ 39	13 ⁵⁰ 50	25 ² 2	6 ⁴² 42	0 ⁹ 9	23 ¹⁰ 10	29 ² 2	11 ¹⁷ 17	12 ³⁰ 30	27 ¹⁰ 10	27 ⁶ 6
T 28	11 6 23	18 ⁵¹ 51	6 ¹³ 13	4 ²⁴ 24	7 ¹⁹ 19	14 ³³ 33	24 ⁵⁷ 57	6 ⁴⁶ 46	0 ⁹ 9	23 ¹² 12	29 ³ 3	11 ¹⁴ 14	12 ²⁷ 27	27 ¹⁷ 17	27 ¹⁰ 10

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14s25	13n 7	4s28	18s32	2s 5	4n41	3n47	23s37	0s12	8s46	1n26	19n47	1s35	23n47	0n17	4s16	1s17	24s33	4s 5	4s51	5s29	18s32	1n 8	3n 9
T 2	14 5	9 26	3 42	18 1	2 6	5 4	3 57	23 39	0 12	8 46	1 26	19 47	1 35	23 47	0 17	4 15	1 17	24 33	4 6	4 48	5 28	18 32	1 9	3 9
F 3	13 45	5 17	2 43	17 28	2 5	5 26	4 7	23 41	0 13	8 45	1 27	19 47	1 34	23 47	0 17	4 14	1 17	24 32	4 6	4 46	5 27	18 32	1 10	3 9
S 4	13 25	0 57	1 36	16 55	2 5	5 48	4 18	23 43	0 14	8 45	1 27	19 48	1 34	23 47	0 17	4 14	1 17	24 32	4 6	4 45	5 25	18 32	1 11	3 8
S 5	13 5	3s18	0 25	16 19	2 4	6 10	4 28	23 44	0 15	8 45	1 27	19 48	1 34	23 47	0 17	4 13	1 17	24 32	4 6	4 44	5 24	18 32	1 13	3 8
M 6	12 45	7 16	0n45	15 42	2 2	6 31	4 38	23 46	0 16	8 44	1 27	19 49	1 34	23 47	0 17	4 12	1 17	24 32	4 6	4 44	5 23	18 32	1 14	3 8
T 7	12 24	10 47	1 51	15 4	2 0	6 51	4 49	23 47	0 17	8 43	1 27	19 49	1 33	23 47	0 17	4 11	1 17	24 32	4 6	4 45	5 22	18 32	1 15	3 8
W 8	12 3	13 44	2 50	14 24	1 58	7 10	4 59	23 48	0 18	8 43	1 28	19 50	1 33	23 47	0 17	4 10	1 17	24 31	4 6	4 45	5 21	18 32	1 16	3 8
T 9	11 42	16 1	3 41	13 43	1 55	7 29	5 10	23 48	0 19	8 42	1 28	19 50	1 33	23 47	0 17	4 9	1 17	24 31	4 7	4 45	5 19	18 32	1 17	3 8
F 10	11 21	17 35	4 21	13 0	1 51	7 47	5 20	23 49	0 20	8 41	1 28	19 51	1 33	23 47	0 17	4 9	1 17	24 31	4 7	4 45	5 18	18 31	1 19	3 7
S 11	10 59	18 23	4 50	12 16	1 47	8 5	5 31	23 49	0 21	8 40	1 28	19 51	1 32	23 47	0 17	4 8	1 17	24 31	4 7	4 44	5 17	18 31	1 20	3 7
S 12	10 38	18 22	5 6	11 31	1 42	8 21	5 41	23 49	0 22	8 39	1 29	19 52	1 32	23 47	0 17	4 7	1 17	24 30	4 7	4 43	5 16	18 31	1 21	3 7
M13	10 16	17 32	5 10	10 44	1 37	8 37	5 52	23 49	0 22	8 38	1 29	19 52	1 32	23 47	0 17	4 6	1 17	24 30	4 7	4 41	5 14	18 31	1 22	3 7
T 14	9 54	15 55	4 59	9 55	1 31	8 52	6 2	23 48	0 23	8 37	1 29	19 53	1 32	23 47	0 17	4 5	1 17	24 30	4 7	4 38	5 13	18 31	1 24	3 7
W15	9 32	13 34	4 35	9 6	1 25	9 6	6 12	23 48	0 24	8 36	1 29	19 53	1 31	23 47	0 17	4 4	1 17	24 30	4 7	4 35	5 12	18 31	1 25	3 7
T 16	9 10	10 33	3 57	8 15	1 18	9 18	6 23	23 47	0 25	8 35	1 29	19 54	1 31	23 47	0 17	4 3	1 17	24 30	4 8	4 33	5 11	18 31	1 26	3 7
F 17	8 47	6 59	3 7	7 24	1 10	9 30	6 33	23 46	0 26	8 34	1 30	19 55	1 31	23 47	0 17	4 2	1 17	24 29	4 8	4 31	5 9	18 31	1 28	3 7
S 18	8 25	3 3	2 7	6 31	1 2	9 41	6 43	23 44	0 27	8 32	1 30	19 55	1 31	23 47	0 17	4 2	1 17	24 29	4 8	4 29	5 8	18 31	1 29	3 6
S 19	8 2	1n 7	0 58	5 38	0 53	9 51	6 52	23 43	0 28	8 31	1 30	19 56	1 30	23 47	0 17	4 1	1 17	24 29	4 8	4 28	5 7	18 31	1 30	3 6
M20	7 40	5 17	0s15	4 44	0 44	9 59	7 2	23 41	0 29	8 29	1 30	19 57	1 30	23 47	0 17	4 0	1 17	24 29	4 8	4 28	5 6	18 31	1 31	3 6
T 21	7 17																							

SWISS EPHEMERIS for the year 1531

MARCH 1531 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	11 10 19	19°26'33	20°27	6°0	6°R56	15°15	24°R52	6°II49	0°9	23°15	29°5	11°R11	12°23	27°23	27°14
T 2	11 14 16	20°26'12	4°11	7°33	6°Y31	15°57	24°47	6°53	0°9	23°17	29°6	11°8	12°20	27°30	27°18
F 3	11 18 12	21°25'49	18°21	9°1	6°4	16°40	24°42	6°56	0°9	23°19	29°7	11°6	12°17	27°37	27°21
S 4	11 22 9	22°25'24	1°45	10°23	5°35	17°22	24°36	7°0	0°9	23°21	29°9	11°5	12°14	27°44	27°25
S 5	11 26 5	23°24'57	15°9	11°40	5°4	18°4	24°31	7°4	0°9	23°24	29°10	11°D 5	12°11	27°50	27°29
M 6	11 30 2	24°24'29	28°4	12°50	4°31	18°47	24°25	7°8	0°10	23°26	29°11	11°5	12°8	27°57	27°32
T 7	11 33 59	25°23'58	10°14	13°55	3°57	19°29	24°19	7°12	0°10	23°28	29°12	11°7	12°4	28°4	27°36
W 8	11 37 55	26°23'26	22°59	14°52	3°22	20°11	24°13	7°16	0°11	23°30	29°13	11°8	12°1	28°10	27°40
T 9	11 41 52	27°22'51	5°7	15°42	2°46	20°54	24°7	7°20	0°11	23°33	29°15	11°9	11°58	28°17	27°44
F 10	11 45 48	28°22'15	17°3	16°25	2°9	21°36	24°1	7°25	0°12	23°35	29°16	11°10	11°55	28°24	27°47
S 11	11 49 45	29°21'38	28°57	17°1	1°31	22°19	23°55	7°29	0°12	23°37	29°17	11°R10	11°52	28°31	27°51
S 12	11 53 41	0°Y20'58	10°35	17°29	0°53	23°1	23°48	7°33	0°13	23°40	29°18	11°10	11°48	28°37	27°55
M13	11 57 38	1°20'17	22°48	17°50	0°16	23°43	23°42	7°38	0°13	23°42	29°19	11°9	11°45	28°44	27°59
T 14	12 1 34	2°19'33	4°56	18°3	29°X38	24°26	23°35	7°43	0°14	23°44	29°20	11°8	11°42	28°51	28°2
W15	12 5 31	3°18'48	17°17	18°R 9	29°1	25°8	23°28	7°47	0°15	23°46	29°21	11°7	11°39	28°58	28°6
T 16	12 9 28	4°18'01	29°53	18°7	28°24	25°51	23°22	7°52	0°16	23°49	29°22	11°6	11°36	29°4	28°10
F 17	12 13 24	5°17'12	12°X48	17°59	27°49	26°33	23°15	7°57	0°17	23°51	29°23	11°6	11°33	29°11	28°13
S 18	12 17 21	6°16'21	26°1	17°44	27°15	27°16	23°8	8°2	0°18	23°53	29°24	11°5	11°29	29°18	28°17
S 19	12 21 17	7°15'28	9°Y32	17°22	26°42	27°58	23°1	8°7	0°19	23°55	29°25	11°D 5	11°26	29°24	28°21
M20	12 25 14	8°14'33	23°20	16°55	26°10	28°40	22°53	8°12	0°20	23°57	29°26	11°5	11°23	29°31	28°24
T 21	12 29 10	9°13'36	7°B21	16°23	25°41	29°23	22°46	8°17	0°21	24°0	29°27	11°5	11°20	29°38	28°28
W22	12 33 7	10°12'37	21°31	15°46	25°13	0°X 5	22°39	8°23	0°22	24°2	29°28	11°5	11°17	29°45	28°32
T 23	12 37 3	11°11'36	5°II47	15°6	24°47	0°48	22°31	8°28	0°23	24°4	29°29	11°R 5	11°14	29°51	28°35
F 24	12 41 0	12°10'32	20°5	14°23	24°23	1°30	22°24	8°33	0°25	24°6	29°29	11°5	11°10	29°58	28°39
S 25	12 44 56	13°9'26	4°E22	13°38	24°2	2°13	22°17	8°39	0°26	24°8	29°30	11°5	11°7	0°Z 5	28°43
S 26	12 48 53	14°8'18	18°35	12°53	23°43	2°55	22°9	8°45	0°27	24°11	29°31	11°D 5	11°4	0°11	28°46
M27	12 52 50	15°7'07	2°Q41	12°7	23°26	3°38	22°2	8°50	0°29	24°13	29°32	11°5	11°1	0°18	28°50
T 28	12 56 46	16°5'54	16°38	11°22	23°12	4°20	21°54	8°56	0°30	24°15	29°32	11°6	10°58	0°25	28°54
W29	13 0 43	17°4'38	0°II25	10°38	23°0	5°2	21°46	9°2	0°32	24°17	29°33	11°6	10°54	0°32	28°57
T 30	13 4 39	18°3'21	14°1	9°57	22°50	5°45	21°39	9°8	0°33	24°19	29°34	11°7	10°51	0°38	29°1
F 31	13 8 36	19°Y'20'1	27°II24	9°Y'18	22°X43	6°X27	21°X31	9°II13	0°35	24°X21	29°X34	11°X 7	10°X48	0°X45	29°X 4

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	4s11	10n51	4s 4	3n20	1n 2	10n15	8n10	23s16	0s39	8s14	1n32	20n 3	1s28	23n47	0n17	3s52	1s17	24s28	4s10	4s26	4s54	18s30	1n44	3n 5
T 2	3 48	6 58	3 8	4 9	1 15	10 9	8 15	23 12	0 40	8 12	1 32	20 4	1 28	23 47	0 17	3 51	1 17	24 28	4 10	4 25	4 53	18 30	1 45	3 5
F 3	3 24	2 45	2 2	4 55	1 28	10 2	8 19	23 8	0 41	8 10	1 32	20 5	1 28	23 47	0 17	3 50	1 17	24 27	4 10	4 24	4 52	18 30	1 47	3 5
S 4	3 1	1s32	0 50	5 40	1 41	9 53	8 22	23 3	0 42	8 7	1 32	20 6	1 27	23 47	0 17	3 49	1 17	24 27	4 10	4 24	4 51	18 30	1 48	3 5
S 5	2 37	5 38	0n22	6 21	1 53	9 43	8 24	22 59	0 43	8 5	1 32	20 7	1 27	23 47	0 17	3 48	1 17	24 27	4 10	4 24	4 50	18 30	1 49	3 5
M 6	2 14	9 22	1 32	7 0	2 5	9 32	8 26	22 54	0 44	8 3	1 33	20 8	1 27	23 47	0 17	3 47	1 17	24 27	4 10	4 24	4 48	18 30	1 51	3 5
T 7	1 50	12 35	2 36	7 36	2 17	9 19	8 27	22 49	0 45	8 1	1 33	20 8	1 27	23 47	0 17	3 46	1 17	24 27	4 11	4 24	4 47	18 29	1 52	3 5
W 8	1 26	15 9	3 31	8 8	2 28	9 5	8 27	22 44	0 46	7 59	1 33	20 9	1 26	23 47	0 17	3 45	1 17	24 27	4 11	4 25	4 46	18 29	1 54	3 5
T 9	1 3	17 0	4 16	8 37	2 38	8 49	8 25	22 39	0 47	7 56	1 33	20 10	1 26	23 47	0 17	3 45	1 17	24 27	4 11	4 25	4 45	18 29	1 55	3 5
F 10	0 39	18 4	4 49	9 3	2 48	8 33	8 23	22 33	0 48	7 54	1 33	20 11	1 26	23 47	0 17	3 44	1 17	24 27	4 11	4 26	4 43	18 29	1 56	3 5
S 11	0 15	18 20	5 9	9 25	2 56	8 15	8 20	22 28	0 49	7 51	1 33	20 12	1 26	23 47	0 17	3 43	1 17	24 27	4 11	4 26	4 42	18 29	1 58	3 5
S 12	0n 8	17 48	5 17	9 42	3 4	7 56	8 16	22 22	0 51	7 49	1 33	20 13	1 26	23 47	0 17	3 42	1 17	24 27	4 12	4 26	4 41	18 29	1 59	3 5
M13	0 32	16 28	5 10	9 56	3 10	7 37	8 12	22 16	0 52	7 46	1 33	20 14	1 25	23 47	0 17	3 41	1 17	24 27	4 12	4 25	4 40	18 29	2 1	3 4
T 14	0 56	14 23	4 50	10 6	3 15	7 16	8 6	22 9	0 53	7 44	1 34	20 15	1 25	23 47	0 17	3 40	1 17	24 27	4 12	4 25	4 38	18 29	2 2	3 4
W15	1 19	11 38	4 16	10 12	3 19	6 56	7 59	22 3	0 54	7 41	1 34	20 16	1 25	23 47	0 17	3 39	1 17	24 27	4 12	4 25	4 37	18 28	2 4	3 4
T 16	1 43	8 17	3 29	10 13	3 21	6 34	7 52	21 56	0 55	7 39	1 34	20 17	1 25	23 47	0 17	3 38	1 17	24 27	4 12	4 24	4 36	18 28	2 5	3 4
F 17	2 6	4 27	2 30	10 11	3 22	6 13	7 43	21 49	0 56	7 36	1 34	20 18	1 24	23 47	0 17	3 38	1 17	24 26	4 12	4 24	4 35	18 28	2 6	3 4
S 18	2 30	0 19	1 23	10 4	3 21	5 51	7 34	21 42	0 58	7 33	1 34	20 19	1 24	23 47	0 17	3 37	1 17	24 26	4 13	4 24	4 33	18 28	2 8	3 4
S 19	2 53	3n55	0 9	9 53	3 19	5 29	7 25	21 35	0 59	7 31	1 34	20 20	1 24	23 47	0 17	3 36	1 17	24 26	4 13	4 24	4 32	18 28	2 9	3 4
M20	3 17	8 2	1s 7	9 39	3 15	5 7	7 14	21 27	1 0	7 28	1 34	20 21	1 24	23 47	0 17	3 35	1 17	24 26	4 13	4 24	4 31	18 28	2 11	3 4
T 21	3 40	11 47	2 21	9 22	3 9	4 45	7 3	21 20	1 1	7 25	1 34	20 22	1 24	23 47	0 17	3 34	1 17	24 26	4 13	4 24	4 30	18 27	2 12	3 4
W22	4 3	14 52	3 26	9 1	3 2	4 24	6 52	21 12	1 2	7 23	1 34	20 23	1 23	23 47	0 17	3 33	1 17	24 26	4 13	4 24	4 28	18 27	2 14	3 4
T 23	4 26	17 4	4 19	8 37	2 53	4 2	6 40	21 4	1 3	7 20	1 34	20 24	1 23	23 47	0 17	3 32	1 17	24 26	4 14	4 24	4 27	18 27	2 15	3 4
F 24	4 49	18 12	4 56	8 11	2 42	3 42	6 28	20 55	1 5	7 17	1 34	20 25	1 23	23 47	0 17	3 31	1 17	24 26	4 14	4 24	4 26	18 27	2 16	3 4
S 25	5 12	18 11	5 15	7 42	2 31	3 22	6 15	20 47	1 6	7 14	1 34	20 26	1 23	23 47	0 17	3 31	1 17	24 27	4 14	4 24	4 25	18 27	2 18	3 4
S 26	5 35	17 1	5 14	7 13	2 18	3 2	6 2	20 39	1 7	7 11	1 34	20 27	1 23	23 47	0 17	3 30	1 17	24 27	4 14	4 24	4 23	18 27	2 19	3 4
M27	5 58	14 49	4 55	6 42	2 4	2 44	5 49	20 30	1 8	7 9	1 34	20 28	1 22	23 47	0 17	3 29	1 17	24 27	4 14	4 24	4 22	18 26	2 21	3 4
T 28	6 21	11 47	4 18	6 10	1 49	2 26	5 36	20 21	1 10	7 6	1 34	20 29	1 22	23 47	0 17	3 28	1 17	24 27	4 15	4 24	4 21	18 26	2 22	3 4
W29	6 43	8 7	3 27	5 39	1 33	2 9	5 22	20 12	1 11	7 3	1 34	20 30	1 22	23 47	0 17	3 27	1 17	24 27	4 15	4 24	4 20	18 26	2 24	3 4
T 30	7 6	4																						

SWISS EPHEMERIS for the year 1531

APRIL 1531 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	13 12 32	20°03'39"	10°53'44"	8°R43	22°R39	7°10	21°R23	9°II19	0°37	24°K23	29°35	11°R 8	10°45	0°52	29°K 8
S 2	13 16 29	20°59'15"	23°30	8°V13	22°D37	7°52	21°16	9°25	0°38	24°25	29°35	11°16 7	10°42	0°58	29°11
M 3	13 20 25	21°57'49"	6°11	7°46	22°K37	8°34	21° 8	9°32	0°40	24°28	29°36	11° 7	10°39	1° 5	29°15
T 4	13 24 22	22°56'22"	18°39	7°24	22°39	9°17	21° 0	9°38	0°42	24°30	29°36	11° 5	10°35	1°12	29°18
W 5	13 28 19	23°54'52"	0°55	7° 7	22°44	9°59	20°53	9°44	0°44	24°32	29°37	11° 4	10°32	1°19	29°22
T 6	13 32 15	24°53'21"	13° 0	6°55	22°52	10°42	20°45	9°50	0°46	24°34	29°37	11° 2	10°29	1°25	29°25
F 7	13 36 12	25°51'48"	24°58	6°48	23° 1	11°24	20°37	9°57	0°48	24°36	29°38	11° 0	10°26	1°32	29°29
S 8	13 40 8	26°50'14"	6°51	6°D47	23°12	12° 6	20°30	10° 3	0°49	24°38	29°38	10°58	10°23	1°39	29°32
S 9	13 44 5	27°48'38"	18°44	6°50	23°26	12°49	20°22	10° 9	0°52	24°40	29°39	10°57	10°20	1°46	29°36
M10	13 48 1	28°47'00"	0°42	6°58	23°42	13°31	20°15	10°16	0°54	24°42	29°39	10°D57	10°16	1°52	29°39
T 11	13 51 58	29°45'21"	12°49	7°11	23°59	14°13	20° 7	10°23	0°56	24°44	29°39	10°57	10°13	1°59	29°42
W12	13 55 54	0°43'40"	25° 9	7°28	24°19	14°56	20° 0	10°29	0°58	24°46	29°40	10°58	10°10	2° 6	29°46
T 13	13 59 51	1°41'57"	7°K47	7°50	24°40	15°38	19°52	10°36	1° 0	24°47	29°40	11° 0	10° 7	2°12	29°49
F 14	14 3 48	2°40'13"	8°29'14"	8°17	25° 3	16°20	19°45	10°43	1° 2	24°49	29°40	11° 1	10° 4	2°19	29°52
S 15	14 7 44	3°38'27"	4°V 8	8°48	25°28	17° 3	19°38	10°49	1° 5	24°51	29°40	11°R 2	10° 0	2°26	29°55
S 16	14 11 41	4°36'40"	17°54	9°22	25°55	17°45	19°30	10°56	1° 7	24°53	29°40	11° 2	9°57	2°33	29°59
M17	14 15 37	5°34'51"	2°B 2	10° 1	26°23	18°27	19°23	11° 3	1° 9	24°55	29°41	11° 1	9°54	2°39	0°V 2
T 18	14 19 34	6°33'00"	16°28	10°43	26°52	19° 9	19°16	11°10	1°12	24°57	29°41	10°59	9°51	2°46	0° 5
W19	14 23 30	7°31'08"	1°II 6	11°29	27°23	19°51	19° 9	11°17	1°14	24°59	29°41	10°55	9°48	2°53	0° 8
T 20	14 27 27	8°29'14"	15°50	12°19	27°56	20°34	19° 2	11°24	1°16	25° 0	29°41	10°52	9°45	2°59	0°11
F 21	14 31 23	9°27'18"	0°32	13°12	28°29	21°16	18°55	11°31	1°19	25° 2	29°41	10°48	9°41	3° 6	0°14
S 22	14 35 20	10°25'20"	15° 6	14° 8	29° 4	21°58	18°49	11°38	1°22	25° 4	29°R41	10°45	9°38	3°13	0°17
S 23	14 39 17	11°23'20"	29°26	15° 7	29°41	22°40	18°42	11°45	1°24	25° 6	29°41	10°43	9°35	3°20	0°20
M24	14 43 13	12°21'18"	13°31	16° 9	0°V18	23°22	18°35	11°52	1°27	25° 7	29°41	10°D42	9°32	3°26	0°23
T 25	14 47 10	13°19'15"	27°18	17°14	0°57	24° 4	18°29	11°59	1°29	25° 9	29°41	10°43	9°29	3°33	0°26
W26	14 51 6	14°17'09"	10°49	18°22	1°36	24°46	18°23	12° 7	1°32	25°11	29°41	10°44	9°25	3°40	0°29
T 27	14 55 3	15°15'02"	24° 3	19°32	2°17	25°28	18°16	12°14	1°35	25°12	29°40	10°46	9°22	3°47	0°32
F 28	14 58 59	16°12'52"	7°4	20°45	2°59	26° 9	18°10	12°21	1°38	25°14	29°40	10°R47	9°19	3°53	0°35
S 29	15 2 56	17°10'42"	19°51	22° 1	3°42	26°51	18° 4	12°29	1°40	25°15	29°40	10°47	9°16	4° 0	0°38
S 30	15 6 52	18°8'29"	2°M27	23°V19	4°V25	27°33	17°58	12°II36	1°43	25°K17	29°40	10°45	9°13	4° 7	0°V41

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	7n51	4s14	0s 3	4n 8	0n44	1n23	4n42	19s44	1s14	6s54	1n34	20n34	1s22	23n47	0n17	3s25	1s17	24s27	4s15	4s25	4s16	18s26	2n28	3n 4
S 2	8 13	8 6	1n 8	3 41	0 27	1 10	4 28	19 34	1 16	6 51	1 34	20 35	1 21	23 47	0 17	3 24	1 17	24 27	4 16	4 25	4 15	18 25	2 29	3 4
M 3	8 35	11 30	2 14	3 15	0 11	0 58	4 15	19 24	1 17	6 49	1 34	20 36	1 21	23 47	0 17	3 23	1 17	24 27	4 16	4 24	4 13	18 25	2 31	3 4
T 4	8 56	14 19	3 13	2 52	0s 5	0 46	4 1	19 14	1 18	6 46	1 34	20 37	1 21	23 47	0 17	3 22	1 17	24 27	4 16	4 24	4 12	18 25	2 32	3 4
W 5	9 18	16 27	4 2	2 31	0 21	0 36	3 48	19 4	1 20	6 43	1 34	20 38	1 21	23 47	0 17	3 22	1 17	24 27	4 16	4 23	4 11	18 25	2 33	3 4
T 6	9 40	17 48	4 39	2 12	0 36	0 27	3 35	18 53	1 21	6 40	1 34	20 39	1 21	23 47	0 17	3 21	1 17	24 27	4 16	4 22	4 10	18 25	2 35	3 4
F 7	10 1	18 21	5 3	1 56	0 51	0 19	3 22	18 43	1 22	6 37	1 34	20 40	1 20	23 47	0 17	3 20	1 17	24 27	4 17	4 22	4 8	18 24	2 36	3 4
S 8	10 22	18 5	5 15	1 42	1 5	0 12	3 9	18 32	1 23	6 35	1 34	20 41	1 20	23 47	0 17	3 19	1 17	24 27	4 17	4 21	4 7	18 24	2 37	3 4
S 9	10 43	17 1	5 13	1 31	1 18	0 6	2 57	18 22	1 25	6 32	1 34	20 42	1 20	23 47	0 17	3 19	1 17	24 28	4 17	4 21	4 6	18 24	2 39	3 4
M10	11 4	15 13	4 57	1 23	1 31	0 1	2 45	18 11	1 26	6 29	1 34	20 43	1 20	23 47	0 17	3 18	1 17	24 28	4 17	4 20	4 5	18 24	2 40	3 4
T 11	11 25	12 43	4 28	1 17	1 43	0s 4	2 33	18 0	1 27	6 26	1 34	20 45	1 20	23 47	0 17	3 17	1 17	24 28	4 17	4 21	4 3	18 23	2 42	3 4
W12	11 45	9 37	3 47	1 14	1 54	0 7	2 21	17 48	1 29	6 23	1 34	20 46	1 20	23 47	0 17	3 16	1 17	24 28	4 18	4 21	4 2	18 23	2 43	3 4
T 13	12 6	6 0	2 53	1 13	2 4	0 9	2 9	17 37	1 30	6 21	1 33	20 47	1 19	23 47	0 17	3 16	1 18	24 28	4 18	4 22	4 1	18 23	2 44	3 4
F 14	12 26	2 0	1 49	1 15	2 14	0 10	1 58	17 26	1 31	6 18	1 33	20 48	1 19	23 47	0 17	3 15	1 18	24 28	4 18	4 22	4 0	18 23	2 46	3 4
S 15	12 46	2n14	0 38	1 19	2 22	0 10	1 47	17 14	1 32	6 15	1 33	20 49	1 19	23 46	0 17	3 14	1 18	24 28	4 18	4 23	3 58	18 23	2 47	3 4
S 16	13 5	6 27	0s38	1 25	2 30	0 10	1 36	17 2	1 34	6 13	1 33	20 50	1 19	23 46	0 17	3 13	1 18	24 29	4 18	4 23	3 57	18 22	2 48	3 4
M17	13 25	10 27	1 53	1 34	2 37	0 8	1 25	16 50	1 35	6 10	1 33	20 51	1 19	23 46	0 17	3 13	1 18	24 29	4 19	4 22	3 56	18 22	2 49	3 4
T 18	13 44	13 53	3 2	1 45	2 43	0 6	1 15	16 38	1 36	6 8	1 33	20 52	1 19	23 46	0 17	3 12	1 18	24 29	4 19	4 21	3 55	18 22	2 51	3 4
W19	14 3	16 30	4 1	1 58	2 49	0 3	1 5	16 26	1 38	6 5	1 33	20 53	1 19	23 46	0 17	3 11	1 18	24 29	4 19	4 20	3 53	18 22	2 52	3 4
T 20	14 22	18 2	4 44	2 13	2 54	0n 1	0 55	16 14	1 39	6 3	1 33	20 54	1 18	23 46	0 17	3 11	1 18	24 29	4 19	4 18	3 52	18 21	2 53	3 4
F 21	14 41	18 22	5 8	2 30	2 58	0 5	0 45	16 2	1 40	6 0	1 33	20 56	1 18	23 46	0 17	3 10	1 18	24 30	4 19	4 17	3 51	18 21	2 55	3 4
S 22	14 59	17 28	5 12	2 48	3 1	0 11	0 36	15 50	1 42	5 58	1 32	20 57	1 18	23 46	0 17	3 9	1 18	24 30	4 20	4 16	3 50	18 21	2 56	3 4
S 23	15 17	15 29	4 56	3 9	3 3	0 17	0 27	15 37	1 43	5 55	1 32	20 58	1 18	23 46	0 17	3 9	1 18	24 30	4 20	4 15	3 48	18 21	2 57	3 4
M24	15 35	12 36	4 23	3 31	3 5	0 24	0 18	15 24	1 44	5 53	1 32	20 59	1 18	23 46	0 17	3 8	1 18	24 30	4 20	4 15	3 47	18 20	2 58	3 4
T 25	15 53	9 4	3 35	3 55	3 6	0 31	0 10	15 12	1 46	5 51	1 32	21 0	1 18	23 46	0 17	3 7	1 18	24 30	4 20	4 15	3 46	18 20	3 0	3 4
W26	16 10	5 7	2 36	4 20	3 7	0 40	0 1	14 59	1 47	5 48	1 32	21 1	1 18	23 46	0 17	3 7	1 18	24 31	4 20	4 16	3 45	18 20	3 1	3 4
T 27	16 27	0 59	1 30	4 47	3 7	0 48	0s 7	14 46	1 49	5 46	1 32	21 2	1 17	23 46	0 17	3 6	1 18	24 31	4 21	4 16	3 43	18 19	3 2	3 4
F 28	16 44	3s 7	0 20	5 15	3 6	0 58	0 15	14 33	1 50	5 44	1 31	21 3	1 17	23 46	0 17	3 6	1 18	24 31	4 21	4 17	3 42	18 19	3 3	3 4
S 29	17 0	7 1	0n49	5 45	3 4	1 8	0 22	14 20	1 51	5 42	1 31	21 4	1 17	23 46	0 17	3 5	1 18	24 31	4 21	4 17	3 41	18 19	3 4	3 5
S 30	17n16	10s33	1n55	6n15	3s 2	1n19	0s29	14s 7	1s53	5s40	1n31	21n 5												

SWISS EPHEMERIS for the year 1531

MAY 1531 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	15 10 49	19♌ 6'15	14♍ 53	24♎ 39	5♏ 10	28♐ 15	17°R53	12♑ 43	1♒ 46	25♓ 18	29°R40	10°R41	9♄ 10	4♅ 13	0♆ 43
T 2	15 14 45	20° 4'00	27° 9	26° 2	5° 55	28° 57	17♌ 47	12° 51	1° 49	25° 20	29♌ 39	10♍ 35	9° 6	4° 20	0° 46
W 3	15 18 42	21° 1'43	9♎ 16	27° 28	6° 42	29° 38	17° 42	12° 58	1° 52	25° 21	29° 39	10° 28	9° 3	4° 27	0° 49
T 4	15 22 39	21° 59'25	21° 17	28° 55	7° 29	0♈ 20	17° 36	13° 6	1° 55	25° 23	29° 39	10° 21	9° 0	4° 34	0° 51
F 5	15 26 35	22° 57'06	3♌ 12	0♉ 25	8° 17	1° 1	17° 31	13° 13	1° 58	25° 24	29° 38	10° 13	8° 57	4° 40	0° 54
S 6	15 30 32	23° 54'46	15° 5	1° 58	9° 6	1° 43	17° 26	13° 21	2° 1	25° 26	29° 38	10° 6	8° 54	4° 47	0° 56
S 7	15 34 28	24° 52'24	26° 58	3° 32	9° 55	2° 24	17° 21	13° 28	2° 4	25° 27	29° 38	10° 1	8° 51	4° 54	0° 59
M 8	15 38 25	25° 50'02	8♎ 54	5° 9	10° 45	3° 6	17° 17	13° 36	2° 7	25° 28	29° 37	9° 58	8° 47	5° 1	1° 1
T 9	15 42 21	26° 47'38	20° 59	6° 49	11° 36	3° 47	17° 12	13° 44	2° 10	25° 30	29° 37	9° 56	8° 44	5° 7	1° 4
W10	15 46 18	27° 45'14	3♈ 16	8° 30	12° 28	4° 29	17° 8	13° 51	2° 13	25° 31	29° 36	9° D56	8° 41	5° 14	1° 6
T 11	15 50 14	28° 42'48	15° 51	10° 14	13° 20	5° 10	17° 3	13° 59	2° 16	25° 32	29° 36	9° 57	8° 38	5° 21	1° 9
F 12	15 54 11	29° 40'22	28° 48	12° 0	14° 12	5° 51	16° 59	14° 7	2° 19	25° 33	29° 35	9° 58	8° 35	5° 27	1° 11
S 13	15 58 8	0♑ 37'54	12♎ 10	13° 48	15° 6	6° 32	16° 55	14° 14	2° 22	25° 35	29° 35	9° R58	8° 31	5° 34	1° 13
S 14	16 2 4	1° 35'26	26° 0	15° 39	15° 59	7° 13	16° 51	14° 22	2° 26	25° 36	29° 34	9° 57	8° 28	5° 41	1° 15
M15	16 6 1	2° 32'57	10♌ 17	17° 32	16° 54	7° 54	16° 48	14° 30	2° 29	25° 37	29° 34	9° 54	8° 25	5° 48	1° 18
T 16	16 9 57	3° 30'27	24° 58	19° 27	17° 49	8° 35	16° 44	14° 37	2° 32	25° 38	29° 33	9° 49	8° 22	5° 54	1° 20
W17	16 13 54	4° 27'57	9♑ 56	21° 24	18° 44	9° 16	16° 41	14° 45	2° 35	25° 39	29° 32	9° 41	8° 19	6° 1	1° 22
T 18	16 17 50	5° 25'25	25° 3	23° 23	19° 40	9° 57	16° 38	14° 53	2° 39	25° 40	29° 32	9° 33	8° 16	6° 8	1° 24
F 19	16 21 47	6° 22'52	10♌ 8	25° 24	20° 36	10° 38	16° 35	15° 1	2° 42	25° 41	29° 31	9° 25	8° 12	6° 14	1° 26
S 20	16 25 44	7° 20'18	25° 2	27° 28	21° 33	11° 18	16° 32	15° 9	2° 45	25° 42	29° 30	9° 18	8° 9	6° 21	1° 28
S 21	16 29 40	8° 17'43	9♄ 37	29° 33	22° 30	11° 59	16° 30	15° 16	2° 49	25° 43	29° 29	9° 13	8° 6	6° 28	1° 30
M22	16 33 37	9° 15'06	23° 50	1♑ 39	23° 27	12° 39	16° 27	15° 24	2° 52	25° 44	29° 29	9° 10	8° 3	6° 35	1° 32
T 23	16 37 33	10° 12'29	7♎ 38	3° 47	24° 25	13° 19	16° 25	15° 32	2° 56	25° 45	29° 28	9° D 9	8° 0	6° 41	1° 33
W24	16 41 30	11° 9'50	21° 3	5° 57	25° 24	14° 0	16° 23	15° 40	2° 59	25° 46	29° 27	9° 9	7° 57	6° 48	1° 35
T 25	16 45 26	12° 7'10	4♌ 7	8° 7	26° 22	14° 40	16° 21	15° 48	3° 2	25° 47	29° 26	9° R10	7° 53	6° 55	1° 37
F 26	16 49 23	13° 4'29	16° 54	10° 18	27° 21	15° 20	16° 19	15° 56	3° 6	25° 48	29° 25	9° 9	7° 50	7° 2	1° 39
S 27	16 53 19	14° 1'47	29° 26	12° 30	28° 21	16° 0	16° 18	16° 3	3° 9	25° 49	29° 25	9° 8	7° 47	7° 8	1° 40
S 28	16 57 16	14° 59'05	11♍ 47	14° 42	29° 21	16° 40	16° 16	16° 11	3° 13	25° 49	29° 24	9° 3	7° 44	7° 15	1° 42
M29	17 1 12	15° 56'21	23° 58	16° 53	0♉ 21	17° 19	16° 15	16° 19	3° 16	25° 50	29° 23	8° 56	7° 41	7° 22	1° 43
T 30	17 5 9	16° 53'37	6♎ 3	19° 5	1° 21	17° 59	16° 14	16° 27	3° 20	25° 51	29° 22	8° 47	7° 37	7° 28	1° 45
W31	17 9 6	17° 50'52	18♌ 3	21♑ 16	2♉ 22	18♈ 39	16° 13	16° 35	3° 23	25° 51	29° 21	8° 35	7° 34	7° 35	1° 46

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	17n32	13s33	2n55	6n47	2s59	1n30	0s37	13s54	1s54	5s38	1n31	21n 6	1s17	23n46	0n17	3s 4	1s18	24s32	4s21	4s14	3s38	18s18	3n 7	3n 5
T 2	17 48	15 55	3 45	7 21	2 56	1 42	0 43	13 40	1 55	5 36	1 31	21 8	1 17	23 46	0 17	3 3	1 18	24 32	4 22	4 12	3 37	18 18	3 8	3 5
W 3	18 3	17 32	4 25	7 55	2 52	1 54	0 50	13 27	1 57	5 34	1 30	21 9	1 17	23 46	0 17	3 3	1 18	24 32	4 22	4 9	3 36	18 18	3 9	3 5
T 4	18 19	18 21	4 52	8 30	2 48	2 7	0 56	13 13	1 58	5 32	1 30	21 10	1 17	23 46	0 17	3 2	1 18	24 33	4 22	4 6	3 35	18 18	3 10	3 5
F 5	18 33	18 21	5 6	9 7	2 43	2 0	1 3	13 0	1 59	5 30	1 30	21 11	1 16	23 46	0 17	3 2	1 18	24 33	4 22	4 3	3 33	18 17	3 11	3 5
S 6	18 48	17 33	5 7	9 44	2 37	2 34	1 9	12 46	2 1	5 29	1 30	21 12	1 16	23 46	0 17	3 1	1 18	24 33	4 22	4 1	3 32	18 17	3 12	3 5
S 7	19 2	15 59	4 55	10 22	2 31	2 48	1 14	12 32	2 2	5 27	1 30	21 13	1 16	23 46	0 17	3 1	1 18	24 33	4 23	3 59	3 31	18 17	3 13	3 5
M 8	19 16	13 44	4 30	11 0	2 24	3 2	1 20	12 19	2 4	5 26	1 29	21 14	1 16	23 46	0 17	3 0	1 18	24 34	4 23	3 57	3 30	18 16	3 14	3 5
T 9	19 29	10 51	3 53	11 40	2 17	3 17	1 25	12 5	2 5	5 24	1 29	21 15	1 16	23 46	0 17	3 0	1 19	24 34	4 23	3 57	3 28	18 16	3 15	3 5
W10	19 42	7 28	3 5	12 20	2 9	3 33	1 30	11 51	2 6	5 22	1 29	21 16	1 16	23 46	0 17	2 59	1 19	24 34	4 23	3 57	3 27	18 16	3 16	3 5
T 11	19 55	3 39	2 6	13 0	2 1	3 49	1 35	11 37	2 8	5 21	1 29	21 17	1 16	23 46	0 17	2 59	1 19	24 34	4 23	3 57	3 26	18 15	3 17	3 5
F 12	20 8	0n26	1 0	13 41	1 53	4 5	1 40	11 23	2 9	5 20	1 28	21 18	1 16	23 45	0 17	2 58	1 19	24 35	4 24	3 57	3 25	18 15	3 18	3 5
S 13	20 20	4 38	0s12	14 22	1 44	4 21	1 45	11 9	2 10	5 18	1 28	21 19	1 16	23 45	0 17	2 58	1 19	24 35	4 24	3 58	3 23	18 15	3 19	3 5
S 14	20 32	8 45	1 25	15 3	1 35	4 38	1 49	10 55	2 12	5 17	1 28	21 20	1 15	23 45	0 17	2 57	1 19	24 35	4 24	3 57	3 22	18 14	3 20	3 6
M15	20 43	12 29	2 35	15 45	1 25	4 55	1 53	10 41	2 13	5 16	1 28	21 21	1 15	23 45	0 17	2 57	1 19	24 36	4 24	3 56	3 21	18 14	3 21	3 6
T 16	20 54	15 32	3 37	16 26	1 15	5 12	1 57	10 27	2 15	5 15	1 27	21 22	1 15	23 45	0 17	2 57	1 19	24 36	4 24	3 54	3 20	18 14	3 22	3 6
W17	21 5	17 37	4 25	17 7	1 5	5 29	2 1	10 13	2 16	5 14	1 27	21 23	1 15	23 45	0 17	2 56	1 19	24 36	4 25	3 51	3 18	18 13	3 23	3 6
T 18	21 16	18 29	4 56	17 47	0 54	5 47	2 5	9 59	2 17	5 13	1 27	21 24	1 15	23 45	0 17	2 56	1 19	24 37	4 25	3 48	3 17	18 13	3 24	3 6
F 19	21 26	18 2	5 5	18 27	0 44	6 5	2 8	9 44	2 19	5 12	1 27	21 25	1 15	23 45	0 17	2 56	1 19	24 37	4 25	3 44	3 16	18 13	3 25	3 6
S 20	21 35	16 22	4 54	19 6	0 33	6 23	2 11	9 30	2 20	5 11	1 26	21 26	1 15	23 45	0 17	2 55	1 19	24 37	4 25	3 42	3 15	18 12	3 26	3 6
S 21	21 45	13 39	4 24	19 45	0 22	6 42	2 14	9 16	2 22	5 10	1 26	21 27	1 15	23 45	0 17	2 55	1 19	24 38	4 25	3 40	3 13	18 12	3 26	3 6
M22	21 53	10 11	3 38	20 22	0 11	7 0	2 17	9 2	2 23	5 10	1 26	21 28	1 15	23 45	0 17	2 55	1 19	24 38	4 26	3 38	3 12	18 12	3 27	3 6
T 23	22 2	6 15	2 40	20 57	0 0	7 19	2 20	8 47	2 24	5 9	1 26	21 28	1 15	23 45	0 17	2 54	1 19	24 38	4 26	3 38	3 11	18 11	3 28	3 6
W24	22 10	2 6	1 35	21 31	0n10	7 38	2 23	8 33	2 26	5 9	1 25	21 29	1 14	23 45	0 17	2 54	1 19	24 39	4 26	3 38	3 9	18 11	3 29	3 6
T 25	22 18	2s 3	0 27	22 3	0 21	7 57	2 25	8 19	2 27	5 8	1 25	21 30	1 14	23 45	0 17	2 54	1 19	24 39	4 26	3 38	3 8	18 11	3 30	3 7
F 26	22 25	6 1	0n41	22 34	0 31	8 16	2 27	8 4	2 28	5 8	1 25	21 31	1 14	23 45	0 17	2 53	1 19	24 39	4 26	3 38	3 7	18 10	3 30	3 7
S 27	22 32	9 39	1 46	23 1	0 41	8 35	2 29	7 50	2 30	5 7	1 25	21 32	1 14	23 44	0 17	2 53	1 19	24 40	4 26	3 38	3 6	18 10	3 31	3 7
S 28	22 39	12 48	2 44	23 27	0 50</																			

SWISS EPHEMERIS for the year 1531

JUNE 1531 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	17 13 2	18II48'07	29♂59	23II26	3♂23	19♂18	16°R13	16II43	3♂27	25♂52	29°R20	8°R23	7♂31	7♂42	1♂48
F 2	17 16 59	19°45'21	11♂52	25°36	4°24	19°57	16♂12	16°50	3°30	25°53	29♂19	8♂10	7°28	7°49	1°49
S 3	17 20 55	20°42'35	23°44	27°44	5°26	20°37	16°12	16°58	3°34	25°53	29°18	7°59	7°25	7°55	1°50
S 4	17 24 52	21°39'48	5♂37	29°50	6°27	21°16	16°D12	17° 6	3°37	25°54	29°17	7°49	7°22	8° 2	1°52
M 5	17 28 48	22°37'01	17°35	1♂55	7°30	21°55	16°12	17°14	3°41	25°54	29°16	7°42	7°18	8° 9	1°53
T 6	17 32 45	23°34'14	29°39	3°59	8°32	22°34	16°12	17°22	3°45	25°55	29°15	7°37	7°15	8°16	1°54
W 7	17 36 42	24°31'26	11♂55	6° 0	9°35	23°12	16°13	17°30	3°48	25°55	29°14	7°35	7°12	8°22	1°55
T 8	17 40 38	25°28'39	24°27	8° 0	10°38	23°51	16°13	17°37	3°52	25°56	29°13	7°D34	7° 9	8°29	1°56
F 9	17 44 35	26°25'51	7♂20	9°57	11°41	24°29	16°14	17°45	3°55	25°56	29°11	7°R35	7° 6	8°36	1°57
S 10	17 48 31	27°23'04	20°37	11°53	12°44	25° 8	16°15	17°53	3°59	25°56	29°10	7°34	7° 3	8°42	1°58
S 11	17 52 28	28°20'16	4♂23	13°46	13°48	25°46	16°16	18° 1	4° 3	25°57	29° 9	7°32	6°59	8°49	1°59
M12	17 56 24	29°17'29	18°37	15°38	14°52	26°24	16°18	18° 8	4° 6	25°57	29° 8	7°28	6°56	8°56	1°59
T 13	18 0 21	0♂14'42	3II19	17°27	15°56	27° 2	16°19	18°16	4°10	25°57	29° 7	7°21	6°53	9° 3	2° 0
W14	18 4 17	1°11'55	18°23	19°14	17° 0	27°39	16°21	18°24	4°13	25°57	29° 6	7°12	6°50	9° 9	2° 1
T 15	18 8 14	2° 9'07	3♂39	20°59	18° 4	28°17	16°23	18°32	4°17	25°57	29° 4	7° 1	6°47	9°16	2° 2
F 16	18 12 11	3° 6'20	18°57	22°42	19° 9	28°54	16°25	18°39	4°21	25°58	29° 3	6°50	6°43	9°23	2° 2
S 17	18 16 7	4° 3'32	4♂6	24°22	20°14	29°31	16°27	18°47	4°24	25°58	29° 2	6°41	6°40	9°29	2° 3
S 18	18 20 4	5° 0'44	18°55	26° 1	21°19	0♂8	16°29	18°55	4°28	25°58	29° 1	6°33	6°37	9°36	2° 3
M19	18 24 0	5°57'56	3♂19	27°37	22°24	0°45	16°32	19° 2	4°31	25°58	28°59	6°29	6°34	9°43	2° 4
T 20	18 27 57	6°55'08	17°14	29°11	23°29	1°21	16°35	19°10	4°35	25°R58	28°58	6°26	6°31	9°50	2° 4
W21	18 31 53	7°52'19	0♂42	0♂43	24°35	1°58	16°38	19°18	4°39	25°58	28°57	6°26	6°28	9°56	2° 4
T 22	18 35 50	8°49'31	13°45	2°13	25°41	2°34	16°41	19°25	4°42	25°58	28°56	6°26	6°24	10° 3	2° 5
F 23	18 39 46	9°46'42	26°27	3°41	26°46	3°10	16°44	19°33	4°46	25°58	28°54	6°25	6°21	10°10	2° 5
S 24	18 43 43	10°43'53	8♂53	5° 6	27°52	3°46	16°47	19°40	4°50	25°58	28°53	6°23	6°18	10°17	2° 5
S 25	18 47 40	11°41'04	21° 5	6°29	28°59	4°21	16°51	19°48	4°53	25°57	28°52	6°18	6°15	10°23	2° 5
M26	18 51 36	12°38'15	3♂9	7°50	0II5	4°57	16°55	19°55	4°57	25°57	28°50	6°11	6°12	10°30	2°R 5
T 27	18 55 33	13°35'26	15° 6	9° 9	1°11	5°32	16°59	20° 3	5° 0	25°57	28°49	6° 0	6° 9	10°37	2° 5
W28	18 59 29	14°32'37	27° 1	10°25	2°18	6° 7	17° 3	20°10	5° 4	25°57	28°48	5°48	6° 5	10°43	2° 5
T 29	19 3 26	15°29'49	8♂54	11°38	3°25	6°41	17° 7	20°17	5° 8	25°57	28°46	5°35	6° 2	10°50	2° 5
F 30	19 7 22	16♂27'01	20♂346	12♂49	4II32	7♂16	17♂11	20II25	5♂11	25♂56	28♂45	5♂21	5♂59	10♂57	2♂5

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n 1	18s32	4n58	24n43	1n23	10n12	2s37	6s39	2s37	5s 7	1n23	21n36	1s14	23n44	0n17	2s52	1s20	24s42	4s27	3s20	2s59	18s 8	3n35	3n 7
F 2	23 6	17 58	5 1	24 55	1 30	10 32	2 39	6 24	2 38	5 7	1 23	21 37	1 14	23 44	0 17	2 52	1 20	24 42	4 27	3 15	2 58	18 8	3 35	3 7
S 3	23 10	16 38	4 50	25 4	1 36	10 51	2 40	6 10	2 39	5 7	1 23	21 38	1 14	23 44	0 17	2 52	1 20	24 42	4 28	3 10	2 57	18 7	3 36	3 7
S 4	23 14	14 36	4 27	25 11	1 41	11 11	2 40	5 56	2 41	5 7	1 22	21 39	1 14	23 44	0 17	2 51	1 20	24 43	4 28	3 7	2 56	18 7	3 36	3 8
M 5	23 17	11 55	3 52	25 14	1 45	11 30	2 41	5 42	2 42	5 7	1 22	21 40	1 14	23 44	0 17	2 51	1 20	24 43	4 28	3 4	2 54	18 7	3 37	3 8
T 6	23 20	8 43	3 6	25 15	1 49	11 50	2 42	5 28	2 43	5 8	1 22	21 41	1 14	23 44	0 17	2 51	1 20	24 44	4 28	3 2	2 53	18 6	3 38	3 8
W 7	23 23	5 5	2 11	25 14	1 52	12 9	2 42	5 13	2 45	5 8	1 22	21 41	1 13	23 43	0 17	2 51	1 20	24 44	4 28	3 1	2 52	18 6	3 38	3 8
T 8	23 25	1 9	1 9	25 10	1 54	12 28	2 43	4 59	2 46	5 9	1 21	21 42	1 13	23 43	0 17	2 51	1 20	24 44	4 28	3 1	2 51	18 5	3 39	3 8
F 9	23 27	2n56	0 1	25 3	1 56	12 47	2 43	4 45	2 47	5 9	1 21	21 43	1 13	23 43	0 17	2 51	1 20	24 45	4 29	3 1	2 49	18 5	3 39	3 8
S 10	23 28	7 1	1s 8	24 54	1 57	13 6	2 43	4 31	2 49	5 10	1 21	21 44	1 13	23 43	0 17	2 51	1 20	24 45	4 29	3 1	2 48	18 5	3 39	3 8
S 11	23 29	10 52	2 17	24 43	1 57	13 25	2 43	4 17	2 50	5 11	1 20	21 44	1 13	23 43	0 17	2 51	1 20	24 45	4 29	3 0	2 47	18 4	3 40	3 8
M12	23 30	14 13	3 19	24 30	1 56	13 44	2 43	4 3	2 51	5 11	1 20	21 45	1 13	23 43	0 17	2 51	1 20	24 46	4 29	2 58	2 46	18 4	3 40	3 8
T 13	23 30	16 47	4 10	24 16	1 55	14 3	2 43	3 50	2 53	5 12	1 20	21 46	1 13	23 43	0 17	2 50	1 20	24 46	4 29	2 55	2 44	18 3	3 41	3 8
W14	23 30	18 16	4 45	23 59	1 53	14 22	2 42	3 36	2 54	5 13	1 20	21 47	1 13	23 43	0 17	2 50	1 20	24 47	4 29	2 52	2 43	18 3	3 41	3 9
T 15	23 29	18 27	5 0	23 41	1 51	14 40	2 42	3 22	2 55	5 14	1 19	21 47	1 13	23 43	0 17	2 50	1 20	24 47	4 29	2 47	2 42	18 3	3 42	3 9
F 16	23 28	17 18	4 54	23 21	1 47	14 58	2 41	3 8	2 57	5 15	1 19	21 48	1 13	23 43	0 17	2 50	1 20	24 47	4 30	2 43	2 41	18 2	3 42	3 9
S 17	23 26	14 57	4 27	23 0	1 44	15 16	2 41	2 55	2 58	5 16	1 19	21 49	1 13	23 42	0 17	2 50	1 21	24 48	4 30	2 40	2 39	18 2	3 42	3 9
S 18	23 24	11 39	3 43	22 37	1 39	15 34	2 40	2 41	2 59	5 17	1 18	21 49	1 13	23 42	0 17	2 50	1 21	24 48	4 30	2 37	2 38	18 1	3 42	3 9
M19	23 22	7 45	2 45	22 14	1 34	15 51	2 39	2 28	3 0	5 19	1 18	21 50	1 13	23 42	0 17	2 50	1 21	24 49	4 30	2 35	2 37	18 1	3 43	3 9
T 20	23 19	3 31	1 40	21 49	1 29	16 9	2 38	2 14	3 2	5 20	1 18	21 51	1 13	23 42	0 17	2 50	1 21	24 49	4 30	2 34	2 36	18 1	3 43	3 9
W21	23 16	0s45	0 30	21 23	1 23	16 26	2 37	2 1	3 3	5 21	1 18	21 51	1 13	23 42	0 17	2 51	1 21	24 49	4 30	2 34	2 34	18 0	3 43	3 9
T 22	23 12	4 51	0n39	20 57	1 16	16 42	2 35	1 48	3 4	5 23	1 17	21 52	1 13	23 42	0 17	2 51	1 21	24 50	4 30	2 34	2 33	18 0	3 43	3 9
F 23	23 8	8 37	1 44	20 30	1 9	16 59	2 34	1 35	3 6	5 24	1 17	21 53	1 13	23 42	0 17	2 51	1 21	24 50	4 31	2 33	2 32	17 59	3 44	3 10
S 24	23 4	11 56	2 42	20 2	1 1	17 15	2 33	1 21	3 7	5 26	1 17	21 53	1 13	23 42	0 17	2 51	1 21	24 51	4 31	2 32	2 30	17 59	3 44	3 10
S 25	22 59	14 39	3 33	19 33	0 53	17 31	2 31	1 8	3 8	5 27	1 17	21 54	1 13	23 41	0 17	2 51	1 21	24 51	4 31	2 30	2 29	17 58	3 44	3 10
M26	22 54	16 42	4 12	19 5	0 45	17 47	2 30	0 56	3 9	5 29	1 16	21 54	1 13	23 41	0 17	2 51	1 21	24 51	4 31	2 27	2 28	17 58	3 44	3 10
T 27	22 48	18 1	4 41	18 35	0 36	18 2	2 28	0 43	3 11	5 31	1 16	21 55	1 13	23 41	0 17	2 51	1 21	24 52	4 31	2 23	2 27	17 57	3 44	3 10
W28	22 42	18 31	4 57	18 6	0 27	18 17	2 26	0 30	3 12	5 33	1 16	21 56	1 13	23 41	0 17	2 51	1 21	24 52	4 31	2 19	2 25	17 57	3 44	3 10
T 29	22 36	18 13	5 0	17 36	0 17	18 32	2 24	0 17	3 13	5 35	1 16	21 56	1 13	23 41	0 17	2 51	1 21	24 53	4 31	2 13	2 24	17 57	3 44	3 10
F 30	22n29	17s 7	4n49	17n 7	0n 7	18n46	2s22	0s 5	3s14	5s36	1n15	21n57	1s12											

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	19 11 19	17°24'13	2°41	13°58	5°39	7°50	17°16	20°32	5°15	25°56	28°R44	5°R 9	5°56	11°3	4	2°R 5
S 2	19 15 15	18°21'26	14°38	15° 4	6°46	8°24	17°20	20°39	5°18	25°56	28°342	4°58	5°53	11°10	2°Y 4	
M 3	19 19 12	19°18'39	26°40	16° 7	7°53	8°58	17°25	20°47	5°22	25°55	28°41	4°50	5°49	11°17	2° 4	
T 4	19 23 9	20°15'53	8°49	17° 7	9° 1	9°31	17°30	20°54	5°25	25°55	28°40	4°45	5°46	11°24	2° 4	
W 5	19 27 5	21°13'08	21° 9	18° 4	10° 8	10° 4	17°35	21° 1	5°29	25°54	28°38	4°43	5°43	11°31	2° 3	
T 6	19 31 2	22°10'23	3°43	18°58	11°16	10°37	17°41	21° 8	5°32	25°54	28°37	4°D42	5°40	11°37	2° 3	
F 7	19 34 58	23° 7'39	16°34	19°49	12°24	11°10	17°46	21°15	5°36	25°53	28°35	4°R42	5°37	11°44	2° 2	
S 8	19 38 55	24° 4'57	29°48	20°37	13°32	11°42	17°52	21°22	5°39	25°53	28°34	4°42	5°34	11°51	2° 1	
S 9	19 42 51	25° 2'15	13°32	21°21	14°40	12°14	17°58	21°29	5°43	25°52	28°33	4°41	5°30	11°57	2° 1	
M10	19 46 48	25°59'34	27°32	22° 2	15°49	12°46	18° 3	21°36	5°46	25°51	28°31	4°38	5°27	12° 4	2° 0	
T 11	19 50 44	26°56'54	12°II 4	22°39	16°57	13°17	18° 9	21°43	5°50	25°51	28°30	4°32	5°24	12°11	1°59	
W12	19 54 41	27°54'16	26°59	23°11	18° 5	13°48	18°16	21°50	5°53	25°50	28°28	4°24	5°21	12°18	1°59	
T 13	19 58 38	28°51'38	12°3	23°40	19°14	14°19	18°22	21°57	5°57	25°49	28°27	4°15	5°18	12°24	1°58	
F 14	20 2 34	29°49'01	27°24	24° 5	20°23	14°49	18°28	22° 4	6° 0	25°49	28°26	4° 5	5°14	12°31	1°57	
S 15	20 6 31	0°46'25	12°34	24°25	21°32	15°19	18°35	22°10	6° 3	25°48	28°24	3°57	5°11	12°38	1°56	
S 16	20 10 27	1°43'49	27°28	24°40	22°41	15°49	18°42	22°17	6° 7	25°47	28°23	3°51	5° 8	12°44	1°55	
M17	20 14 24	2°41'15	11°59	24°50	23°50	16°18	18°49	22°24	6°10	25°46	28°21	3°46	5° 5	12°51	1°54	
T 18	20 18 20	3°38'41	26° 1	24°56	24°59	16°47	18°56	22°30	6°13	25°46	28°20	3°44	5° 2	12°58	1°53	
W19	20 22 17	4°36'07	9°36	24°R56	26° 8	17°15	19° 3	22°37	6°17	25°45	28°19	3°D44	4°59	13° 5	1°51	
T 20	20 26 13	5°33'35	22°43	24°51	27°17	17°43	19°10	22°43	6°20	25°44	28°17	3°45	4°55	13°11	1°50	
F 21	20 30 10	6°31'03	5°32	24°41	28°27	18°11	19°18	22°50	6°23	25°43	28°16	3°R46	4°52	13°18	1°49	
S 22	20 34 7	7°28'32	17°52	24°25	29°36	18°38	19°25	22°56	6°26	25°42	28°14	3°45	4°49	13°25	1°48	
S 23	20 38 3	8°26'02	0°3	24° 4	0°56	19° 5	19°33	23° 2	6°30	25°41	28°13	3°43	4°46	13°32	1°46	
M24	20 42 0	9°23'32	12° 4	23°38	1°56	19°32	19°40	23° 9	6°33	25°40	28°12	3°38	4°43	13°38	1°45	
T 25	20 45 56	10°21'04	23°58	23° 8	3° 5	19°58	19°48	23°15	6°36	25°39	28°10	3°31	4°40	13°45	1°43	
W26	20 49 53	11°18'37	5°35	22°32	4°15	20°23	19°56	23°21	6°39	25°38	28° 9	3°23	4°36	13°52	1°42	
T 27	20 53 49	12°16'10	17°43	21°52	5°25	20°48	20° 5	23°27	6°42	25°37	28° 8	3°13	4°33	13°58	1°40	
F 28	20 57 46	13°13'45	29°39	21° 9	6°36	21°13	20°13	23°33	6°45	25°36	28° 6	3° 4	4°30	14° 5	1°39	
S 29	21 1 42	14°11'21	11°38	20°22	7°46	21°37	20°21	23°39	6°48	25°34	28° 5	2°55	4°27	14°12	1°37	
S 30	21 5 39	15° 8'58	23°43	19°33	8°56	22° 1	20°30	23°45	6°51	25°33	28° 4	2°48	4°24	14°19	1°35	
MB1	21 9 36	16° 6'36	5°55	18°43	10°56	22°Y24	20°38	23°II51	6°54	25°32	28°3	2°43	4°20	14°25	1°Y34	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	22n22	15s17	4n27	16n37	0s 4	19n 0	2s20	0n 7	3s15	5s38	1n15	21n57	1s12	23n41	0n17	2s52	1s21	24s53	4s31	2s 3	2s22	17s56	3n44	3n10
S 2	22 14	12 47	3 52	16 7	0 15	19 13	2 18	0 20	3 17	5 40	1 15	21 58	1 12	23 41	0 17	2 52	1 21	24 54	4 32	1 59	2 20	17 55	3 44	3 11
M 3	22 6	9 44	3 7	15 38	0 26	19 26	2 16	0 32	3 18	5 43	1 14	21 58	1 12	23 40	0 17	2 52	1 21	24 54	4 32	1 56	2 19	17 55	3 44	3 11
T 4	21 58	6 14	2 13	15 9	0 37	19 39	2 14	0 44	3 19	5 45	1 14	21 59	1 12	23 40	0 17	2 52	1 21	24 55	4 32	1 54	2 18	17 54	3 44	3 11
W 5	21 49	2 25	1 11	14 40	0 49	19 51	2 12	0 56	3 20	5 47	1 14	21 59	1 12	23 40	0 17	2 53	1 21	24 55	4 32	1 53	2 17	17 54	3 44	3 11
T 6	21 40	1n34	0 5	14 12	1 12	20 3	2 9	1 8	3 21	5 49	1 14	22 0	1 12	23 40	0 17	2 53	1 22	24 55	4 32	1 52	2 15	17 53	3 44	3 11
F 7	21 31	5 34	1s 3	13 45	1 13	20 14	2 7	1 19	3 22	5 51	1 13	22 0	1 12	23 40	0 17	2 53	1 22	24 56	4 32	1 52	2 14	17 53	3 44	3 11
S 8	21 21	9 25	2 9	13 18	1 26	20 25	2 5	1 31	3 23	5 54	1 13	22 1	1 12	23 40	0 17	2 53	1 22	24 56	4 32	1 52	2 13	17 52	3 44	3 11
S 9	21 11	12 53	3 11	12 52	1 39	20 36	2 2	1 42	3 25	5 56	1 13	22 1	1 12	23 40	0 17	2 54	1 22	24 57	4 32	1 52	2 12	17 52	3 44	3 11
M10	21 0	15 43	4 2	12 27	1 51	20 46	1 59	1 54	3 26	5 59	1 13	22 2	1 12	23 40	0 17	2 54	1 22	24 57	4 32	1 51	2 10	17 51	3 43	3 11
T 11	20 49	17 40	4 40	12 2	2 4	20 55	1 57	2 5	3 27	6 1	1 12	22 2	1 12	23 39	0 17	2 54	1 22	24 57	4 32	1 48	2 9	17 51	3 43	3 11
W12	20 38	18 27	5 1	11 40	2 17	21 4	1 54	2 16	3 28	6 4	1 12	22 3	1 12	23 39	0 17	2 55	1 22	24 58	4 33	1 45	2 8	17 50	3 43	3 12
T 13	20 26	17 57	5 0	11 18	2 30	21 13	1 51	2 27	3 29	6 6	1 12	22 3	1 12	23 39	0 17	2 55	1 22	24 58	4 33	1 42	2 7	17 50	3 43	3 12
F 14	20 14	16 10	4 39	10 58	2 43	21 21	1 49	2 37	3 30	6 9	1 12	22 3	1 12	23 39	0 17	2 55	1 22	24 58	4 33	1 38	2 5	17 49	3 42	3 12
S 15	20 2	13 16	3 58	10 39	2 56	21 28	1 46	2 48	3 31	6 12	1 12	22 4	1 12	23 39	0 17	2 56	1 22	24 59	4 33	1 34	2 4	17 49	3 42	3 12
S 16	19 49	9 33	3 1	10 22	3 9	21 35	1 43	2 58	3 32	6 15	1 11	22 4	1 12	23 39	0 17	2 56	1 22	24 59	4 33	1 32	2 3	17 48	3 42	3 12
M17	19 36	5 20	1 54	10 7	3 21	21 41	1 40	3 9	3 33	6 17	1 11	22 5	1 12	23 39	0 17	2 56	1 22	25 0	4 33	1 30	2 1	17 48	3 41	3 12
T 18	19 23	0 57	0 41	9 54	3 33	21 47	1 37	3 19	3 34	6 20	1 11	22 5	1 12	23 38	0 17	2 57	1 22	25 0	4 33	1 29	2 0	17 47	3 41	3 12
W19	19 10	3s20	0n31	9 43	3 45	21 53	1 34	3 29	3 35	6 23	1 11	22 5	1 12	23 38	0 17	2 57	1 22	25 0	4 33	1 29	1 59	17 47	3 41	3 12
T 20	18 56	7 19	1 40	9 34	3 56	21 57	1 31	3 39	3 36	6 26	1 10	22 6	1 12	23 38	0 17	2 57	1 22	25 1	4 33	1 30	1 58	17 46	3 40	3 12
F 21	18 41	10 50	2 41	9 28	4 6	22 1	1 28	3 48	3 37	6 29	1 10	22 6	1 12	23 38	0 17	2 58	1 22	25 1	4 33	1 30	1 56	17 46	3 40	3 12
S 22	18 27	13 47	3 34	9 24	4 15	22 5	1 25	3 58	3 38	6 32	1 10	22 6	1 12	23 38	0 17	2 58	1 22	25 1	4 33	1 30	1 55	17 45	3 39	3 12
S 23	18 12	16 3	4 15	9 22	4 24	22 8	1 22	4 7	3 39	6 35	1 10	22 7	1 12	23 38	0 17	2 59	1 22	25 2	4 33	1 29	1 54	17 45	3 39	3 12
M24	17 57	17 35	4 45	9 24	4 32	22 11	1 18	4 16	3 40	6 39	1 9	22												

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	21 13 32	17°Ω 4'16	18°♁16	17°R52	11°♁17	22°♂47	20°♁47	23°♁57	6°♁57	25°R31	28°R 1	2°R39	4°♁17	14°♁32	1°R32
W 2	21 17 29	18° 1'57	0°♂47	17°Ω 2	12°28	23° 9	20°56	24° 2	7° 0	25°♁30	28°♁ 0	2°D38	4°14	14°39	1°♂30
T 3	21 21 25	18°59'40	13°30	16°12	13°38	23°30	21° 5	24° 8	7° 3	25°28	27°58	2°♁39	4°11	14°45	1°28
F 4	21 25 22	19°57'24	26°29	15°26	14°49	23°51	21°14	24°13	7° 6	25°27	27°57	2°40	4° 8	14°52	1°26
S 5	21 29 18	20°55'10	9°♁45	14°42	16° 0	24°12	21°23	24°19	7° 9	25°26	27°56	2°41	4° 5	14°59	1°24
S 6	21 33 15	21°52'58	23°21	14° 4	17°11	24°32	21°32	24°24	7°12	25°25	27°55	2°R42	4° 1	15° 6	1°22
M 7	21 37 11	22°50'47	7°♁19	13°30	18°22	24°51	21°42	24°30	7°15	25°23	27°53	2°41	3°58	15°12	1°20
T 8	21 41 8	23°48'39	21°37	13° 2	19°33	25° 9	21°51	24°35	7°17	25°22	27°52	2°38	3°55	15°19	1°18
W 9	21 45 5	24°46'32	6°♁15	12°41	20°44	25°28	22° 1	24°40	7°20	25°21	27°51	2°34	3°52	15°26	1°16
T 10	21 49 1	25°44'27	21° 6	12°27	21°56	25°45	22°10	24°45	7°23	25°19	27°50	2°29	3°49	15°33	1°14
F 11	21 52 58	26°42'24	6°Ω 3	12°D21	23° 7	26° 2	22°20	24°50	7°25	25°18	27°48	2°24	3°46	15°39	1°12
S 12	21 56 54	27°40'22	20°58	12°23	24°18	26°18	22°30	24°55	7°28	25°16	27°47	2°19	3°42	15°46	1° 9
S 13	22 0 51	28°38'22	5°♁43	12°33	25°30	26°33	22°40	25° 0	7°31	25°15	27°46	2°16	3°39	15°53	1° 7
M14	22 4 47	29°36'24	20° 9	12°51	26°42	26°48	22°50	25° 5	7°33	25°14	27°45	2°13	3°36	15°59	1° 5
T 15	22 8 44	0°♁34'26	4°♁12	13°17	27°53	27° 2	23° 0	25°10	7°36	25°12	27°44	2°D13	3°33	16° 6	1° 3
W16	22 12 40	1°32'31	17°50	13°52	29° 5	27°15	23°10	25°14	7°38	25°11	27°43	2°14	3°30	16°13	1° 0
T 17	22 16 37	2°30'37	1°Ω 1	14°34	0°♁17	27°27	23°20	25°19	7°41	25° 9	27°42	2°15	3°26	16°20	0°58
F 18	22 20 33	3°28'44	13°50	15°25	1°29	27°39	23°31	25°23	7°43	25° 8	27°40	2°17	3°23	16°26	0°55
S 19	22 24 30	4°26'53	26°18	16°22	2°41	27°50	23°41	25°28	7°45	25° 6	27°39	2°18	3°20	16°33	0°53
S 20	22 28 27	5°25'04	8°♁30	17°27	3°53	28° 1	23°52	25°32	7°48	25° 5	27°38	2°R18	3°17	16°40	0°51
M21	22 32 23	6°23'16	20°32	18°38	5° 5	28°10	24° 3	25°36	7°50	25° 3	27°37	2°17	3°14	16°46	0°48
T 22	22 36 20	7°21'29	2°♁27	19°56	6°17	28°19	24°13	25°40	7°52	25° 1	27°36	2°15	3°11	16°53	0°45
W23	22 40 16	8°19'44	14°19	21°19	7°29	28°27	24°24	25°45	7°54	25° 0	27°35	2°12	3° 7	17° 0	0°43
T 24	22 44 13	9°18'01	26°13	22°47	8°42	28°34	24°35	25°48	7°57	24°58	27°34	2° 9	3° 4	17° 7	0°40
F 25	22 48 9	10°16'19	8°♁11	24°20	9°54	28°40	24°46	25°52	7°59	24°57	27°33	2° 5	3° 1	17°13	0°38
S 26	22 52 6	11°14'39	20°17	25°56	11° 7	28°46	24°57	25°56	8° 1	24°55	27°32	2° 2	2°58	17°20	0°35
S 27	22 56 2	12°13'00	2°♁32	27°37	12°19	28°50	25° 8	26° 0	8° 3	24°53	27°32	1°59	2°55	17°27	0°32
M28	22 59 59	13°11'24	14°58	29°20	13°32	28°54	25°19	26° 3	8° 5	24°52	27°31	1°57	2°51	17°33	0°30
T 29	23 3 56	14° 9'49	27°36	1°♁ 5	14°45	28°57	25°31	26° 7	8° 7	24°50	27°30	1°D56	2°48	17°40	0°27
W30	23 7 52	15° 8'16	10°♂25	2°53	15°57	28°59	25°42	26°10	8° 9	24°49	27°29	1°56	2°45	17°47	0°24
T 31	23 11 49	16°♁ 6'45	23°♂28	4°♁42	17°Ω10	29°♂ 0	25°♁53	26°♁14	8°♁11	24°♁47	27°♁28	1°♁57	2°♁42	17°♁54	0°♂22

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n45	3s28	1n17	11n 7	4s37	22n 9	0s53	5n23	3s46	7s 5	1n 8	22n 9	1s12	23n36	0n18
W 2	15 28	0n28	0 10	11 29	4 29	22 6	0 49	5 30	3 47	7 9	1 8	22 9	1 12	23 36	0 18
T 3	15 10	4 27	0s59	11 53	4 20	22 2	0 46	5 37	3 48	7 12	1 7	22 10	1 13	23 36	0 18
F 4	14 52	8 17	2 6	12 17	4 9	21 58	0 43	5 45	3 48	7 16	1 7	22 10	1 13	23 36	0 18
S 5	14 33	11 48	3 8	12 41	3 57	21 53	0 40	5 51	3 49	7 19	1 7	22 10	1 13	23 36	0 18
S 6	14 15	14 46	4 1	13 6	3 43	21 47	0 36	5 58	3 49	7 23	1 7	22 10	1 13	23 36	0 18
M 7	13 56	16 58	4 41	13 30	3 27	21 41	0 33	6 5	3 50	7 27	1 7	22 10	1 13	23 36	0 18
T 8	13 37	18 10	5 5	13 53	3 11	21 35	0 30	6 11	3 51	7 30	1 6	22 11	1 13	23 36	0 18
W 9	13 18	18 11	5 10	14 15	2 54	21 27	0 26	6 17	3 51	7 34	1 6	22 11	1 13	23 35	0 18
T 10	12 58	16 59	4 55	14 36	2 36	21 20	0 23	6 23	3 52	7 38	1 6	22 11	1 13	23 35	0 18
F 11	12 39	14 37	4 19	14 55	2 18	21 11	0 20	6 28	3 52	7 42	1 6	22 11	1 13	23 35	0 18
S 12	12 19	11 17	3 26	15 12	2 0	21 2	0 17	6 34	3 52	7 46	1 6	22 11	1 13	23 35	0 18
S 13	11 59	7 16	2 20	15 27	1 42	20 52	0 14	6 39	3 53	7 49	1 5	22 11	1 13	23 35	0 18
M14	11 38	2 54	1 5	15 40	1 24	20 42	0 10	6 44	3 53	7 53	1 5	22 12	1 13	23 35	0 18
T 15	11 18	1s31	0n11	15 49	1 6	20 31	0 7	6 48	3 53	7 57	1 5	22 12	1 13	23 35	0 18
W16	10 57	5 43	1 24	15 56	0 48	20 19	0 4	6 53	3 54	8 1	1 5	22 12	1 13	23 35	0 18
T 17	10 36	9 30	2 31	16 0	0 31	20 7	0 1	6 57	3 54	8 5	1 5	22 12	1 13	23 34	0 18
F 18	10 15	12 43	3 28	16 1	0 15	19 55	0n 2	7 1	3 54	8 9	1 5	22 12	1 13	23 34	0 18
S 19	9 54	15 15	4 14	15 58	0 0	19 42	0 5	7 5	3 54	8 13	1 4	22 12	1 13	23 34	0 18
S 20	9 33	17 3	4 47	15 52	0n14	19 28	0 8	7 9	3 54	8 17	1 4	22 12	1 13	23 34	0 18
M21	9 11	18 3	5 7	15 43	0 28	19 13	0 11	7 12	3 54	8 21	1 4	22 12	1 13	23 34	0 18
T 22	8 50	18 15	5 14	15 31	0 40	18 59	0 14	7 15	3 54	8 25	1 4	22 13	1 13	23 34	0 18
W23	8 28	17 38	5 7	15 15	0 52	18 43	0 17	7 18	3 54	8 30	1 4	22 13	1 13	23 34	0 18
T 24	8 6	16 16	4 47	14 56	1 2	18 27	0 20	7 21	3 54	8 34	1 4	22 13	1 13	23 34	0 18
F 25	7 44	14 10	4 14	14 34	1 12	18 11	0 23	7 23	3 54	8 38	1 3	22 13	1 13	23 33	0 18
S 26	7 22	11 26	3 30	14 9	1 20	17 54	0 26	7 25	3 54	8 42	1 3	22 13	1 13	23 33	0 18
S 27	7 0	8 11	2 35	13 42	1 27	17 36	0 28	7 27	3 53	8 46	1 3	22 13	1 13	23 33	0 18
M28	6 37	4 31	1 32	13 11	1 33	17 18	0 31	7 29	3 53	8 50	1 3	22 13	1 13	23 33	0 18
T 29	6 15	0 36	0 24	12 39	1 38	16 59	0 34	7 30	3 52	8 55	1 3	22 13	1 13	23 33	0 18
W30	5 52	3n25	0s47	12 4	1 42	16 40	0 37	7 31	3 52	8 59	1 3	22 13	1 13	23 33	0 18
T 31	5n29	7n20	1s56	11n27	1n45	16n21	0n39	7n32	3s51	9s 3	1n 3	22n13	1s14	23n33	0n18

Julian Day Number = 2280467.5, Delta T = 171.47 sec

Ecliptic obliquity = 23°29'51, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 18°12'16, Lahiri = 17°19'16 Julian Calendar 1 Aug. 1531 == Greg. Calendar 11 Aug. 1531

SWISS EPHEMERIS for the year 1531

SEPTEMBER 1531 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	23 15 45	17 ^h 5'17"	6 ^h 44'	6 ^h 32'	18 ^h 23'	29°R 1	26 ^h 5'	26 ^h 17'	8 ^h 12'	24°R45	27°R27	1 ^h 58'	2 ^h 39'	18 ^h 0'	0°R19
S 2	23 19 42	18° 3'50"	20° 13'	8° 24'	19° 36'	29°V 0	26° 16'	26° 20'	8° 14'	24°K44	27°Z27	2° 0'	2° 36'	18° 7'	0°V16
S 3	23 23 38	19° 2'26"	3 ^h 11'56"	10° 15'	20° 49'	28° 59'	26° 28'	26° 23'	8° 16'	24° 42'	27° 26'	2° 0'	2° 32'	18° 14'	0° 13'
M 4	23 27 35	20° 1'04"	17° 53'	12° 7'	22° 2'	28° 56'	26° 40'	26° 26'	8° 17'	24° 40'	27° 25'	2° R 1	2° 29'	18° 20'	0° 11'
T 5	23 31 31	20° 59'45"	2 ^h 23'	13° 59'	23° 15'	28° 53'	26° 51'	26° 29'	8° 19'	24° 39'	27° 24'	2° 1'	2° 26'	18° 27'	0° 8'
W 6	23 35 28	21° 58'28"	16° 23'	15° 51'	24° 29'	28° 49'	27° 3'	26° 31'	8° 21'	24° 37'	27° 24'	2° 0'	2° 23'	18° 34'	0° 5'
T 7	23 39 25	22° 57'13"	0 ^h 42'51"	17° 42'	25° 42'	28° 44'	27° 15'	26° 34'	8° 22'	24° 35'	27° 23'	1° 59'	2° 20'	18° 41'	0° 2'
F 8	23 43 21	23° 56'00"	15° 23'	19° 33'	26° 55'	28° 38'	27° 27'	26° 36'	8° 24'	24° 34'	27° 22'	1° 58'	2° 17'	18° 47'	29°K59
S 9	23 47 18	24° 54'49"	29° 52'	21° 24'	28° 9'	28° 31'	27° 39'	26° 39'	8° 25'	24° 32'	27° 22'	1° 57'	2° 13'	18° 54'	29° 57'
S 10	23 51 14	25° 53'41"	14 ^h 17'14"	23° 14'	29° 22'	28° 23'	27° 51'	26° 41'	8° 26'	24° 30'	27° 21'	1° 57'	2° 10'	19° 1'	29° 54'
M11	23 55 11	26° 52'34"	28° 23'	25° 3'	0 ^h 36'	28° 15'	28° 3'	26° 43'	8° 28'	24° 29'	27° 21'	1° D56	2° 7'	19° 8'	29° 51'
T 12	23 59 7	27° 51'30"	12 ^h 45'15"	26° 51'	1° 49'	28° 5'	28° 15'	26° 45'	8° 29'	24° 27'	27° 20'	1° 57'	2° 4'	19° 14'	29° 48'
W13	0 3 4	28° 50'27"	25° 46'	28° 39'	3° 3'	27° 55'	28° 27'	26° 47'	8° 30'	24° 25'	27° 19'	1° 57'	2° 1'	19° 21'	29° 45'
T 14	0 7 0	29° 49'27"	8 ^h 11'57"	0 ^h 26'	4° 17'	27° 44'	28° 40'	26° 49'	8° 31'	24° 24'	27° 19'	1° 57'	1° 57'	19° 28'	29° 42'
F 15	0 10 57	0 ^h 48'28"	21° 46'	2° 11'	5° 30'	27° 32'	28° 52'	26° 51'	8° 33'	24° 22'	27° 19'	1° 57'	1° 54'	19° 34'	29° 40'
S 16	0 14 53	1° 47'31"	4 ^h 17'17"	3° 57'	6° 44'	27° 20'	29° 4'	26° 53'	8° 34'	24° 20'	27° 18'	1° R57	1° 51'	19° 41'	29° 37'
S 17	0 18 50	2° 46'36"	16° 31'	5° 41'	7° 58'	27° 7'	29° 17'	26° 54'	8° 35'	24° 19'	27° 18'	1° 57'	1° 48'	19° 48'	29° 34'
M18	0 22 47	3° 45'43"	28° 34'	7° 24'	9° 12'	26° 53'	29° 29'	26° 56'	8° 36'	24° 17'	27° 17'	1° D57	1° 45'	19° 55'	29° 31'
T 19	0 26 43	4° 44'52"	10 ^h 33'30"	9° 7'	10° 26'	26° 38'	29° 41'	26° 57'	8° 37'	24° 15'	27° 17'	1° 57'	1° 42'	20° 1'	29° 28'
W20	0 30 40	5° 44'03"	22° 22'	10° 48'	11° 40'	26° 23'	29° 54'	26° 58'	8° 37'	24° 14'	27° 17'	1° 57'	1° 38'	20° 8'	29° 26'
T 21	0 34 36	6° 43'15"	4 ^h 17'17"	12° 29'	12° 54'	26° 7'	0 ^h 11'7"	26° 59'	8° 38'	24° 12'	27° 16'	1° 58'	1° 35'	20° 15'	29° 23'
F 22	0 38 33	7° 42'29"	16° 17'	14° 9'	14° 8'	25° 50'	0° 19'	27° 0'	8° 39'	24° 11'	27° 16'	1° 58'	1° 32'	20° 21'	29° 20'
S 23	0 42 29	8° 41'45"	28° 28'	15° 49'	15° 22'	25° 33'	0° 32'	27° 1'	8° 40'	24° 9'	27° 16'	1° 59'	1° 29'	20° 28'	29° 17'
S 24	0 46 26	9° 41'03"	10 ^h 11'51"	17° 27'	16° 36'	25° 16'	0° 44'	27° 2'	8° 40'	24° 7'	27° 16'	2° 0'	1° 26'	20° 35'	29° 14'
M25	0 50 22	10° 40'22"	23° 50'	19° 5'	17° 51'	24° 58'	0° 57'	27° 3'	8° 41'	24° 6'	27° 15'	2° 0'	1° 23'	20° 42'	29° 12'
T 26	0 54 19	11° 39'44"	6 ^h 17'26"	20° 42'	19° 5'	24° 39'	1° 10'	27° 3'	8° 42'	24° 4'	27° 15'	2° R 0	1° 19'	20° 48'	29° 9'
W27	0 58 16	12° 39'08"	19° 38'	22° 18'	20° 19'	24° 20'	1° 23'	27° 4'	8° 42'	24° 3'	27° 15'	2° 0'	1° 16'	20° 55'	29° 6'
T 28	1 2 12	13° 38'33"	3 ^h 6'	23° 54'	21° 33'	24° 1'	1° 35'	27° 4'	8° 43'	24° 1'	27° 15'	1° 59'	1° 13'	21° 2'	29° 3'
F 29	1 6 9	14° 38'01"	16° 47'	25° 29'	22° 48'	23° 42'	1° 48'	27° 4'	8° 43'	24° 0'	27° 15'	1° 57'	1° 10'	21° 8'	29° 1'
S 30	1 10 5	15° 37'32"	0 ^h 11'41"	27° 3'	24 ^h 17'2"	23° 17'22"	2 ^h 11'	27° R 4'	8° 43'	23° K58	27° Z15	1 ^h 55'	1 ^h 7'	21° Z15	28° K58

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	5n 7	10n57	3s 1	10n48	1n48	16n 1	0n42	7n33	3s51	9s 8	1n 2	22n13	1s14	23n33	0n18
S 2	4 44	14 3	3 56	10 8	1 49	15 40	0 44	7 34	3 50	9 12	1 2	22 13	1 14	23 33	0 18
S 3	4 21	16 25	4 40	9 26	1 50	15 20	0 47	7 34	3 49	9 16	1 2	22 13	1 14	23 33	0 18
M 4	3 58	17 51	5 7	8 43	1 50	14 58	0 49	7 34	3 48	9 21	1 2	22 13	1 14	23 33	0 18
T 5	3 35	18 12	5 17	7 59	1 49	14 36	0 51	7 34	3 47	9 25	1 2	22 13	1 14	23 32	0 18
W 6	3 11	17 25	5 7	7 15	1 48	14 14	0 54	7 33	3 46	9 29	1 2	22 13	1 14	23 32	0 18
T 7	2 48	15 30	4 37	6 29	1 46	13 52	0 56	7 33	3 45	9 34	1 2	22 13	1 14	23 32	0 18
F 8	2 25	12 36	3 50	5 43	1 43	13 29	0 58	7 32	3 44	9 38	1 1	22 13	1 14	23 32	0 18
S 9	2 2	8 55	2 49	4 57	1 40	13 5	1 0	7 30	3 42	9 42	1 1	22 13	1 14	23 32	0 18
S 10	1 38	4 44	1 37	4 10	1 36	12 41	1 2	7 29	3 41	9 47	1 1	22 13	1 14	23 32	0 19
M11	1 15	0 21	0 20	3 23	1 33	12 17	1 4	7 27	3 39	9 51	1 1	22 13	1 14	23 32	0 19
T 12	0 51	3s59	0n57	2 36	1 28	11 53	1 6	7 26	3 38	9 56	1 1	22 13	1 14	23 32	0 19
W13	0 28	7 59	2 8	1 49	1 24	11 28	1 8	7 24	3 36	10 0	1 1	22 13	1 14	23 32	0 19
T 14	0 4	11 30	3 11	1 2	1 19	11 3	1 10	7 21	3 34	10 5	1 1	22 13	1 14	23 32	0 19
F 15	0s19	14 21	4 3	0 15	1 13	10 37	1 12	7 19	3 32	10 9	1 1	22 13	1 14	23 32	0 19
S 16	0 43	16 27	4 41	0s32	1 8	10 12	1 13	7 16	3 30	10 14	1 1	22 13	1 14	23 32	0 19
S 17	1 6	17 44	5 6	1 18	1 2	9 45	1 15	7 14	3 28	10 18	1 0	22 13	1 14	23 32	0 19
M18	1 30	18 13	5 17	2 5	0 56	9 19	1 16	7 11	3 26	10 23	1 0	22 13	1 14	23 32	0 19
T 19	1 53	17 52	5 14	2 51	0 50	8 52	1 18	7 8	3 24	10 27	1 0	22 13	1 14	23 32	0 19
W20	2 17	16 45	4 57	3 37	0 44	8 26	1 19	7 4	3 21	10 32	1 0	22 13	1 14	23 32	0 19
T 21	2 40	14 53	4 28	4 22	0 38	7 58	1 21	7 1	3 19	10 36	1 0	22 13	1 15	23 32	0 19
F 22	3 4	12 23	3 47	5 7	0 31	7 31	1 22	6 57	3 16	10 41	1 0	22 13	1 15	23 32	0 19
S 23	3 27	9 18	2 55	5 52	0 25	7 3	1 23	6 54	3 14	10 45	1 0	22 13	1 15	23 32	0 19
S 24	3 51	5 45	1 55	6 36	0 18	6 35	1 24	6 50	3 11	10 50	1 0	22 13	1 15	23 32	0 19
M25	4 14	1 52	0 47	7 19	0 11	6 7	1 25	6 46	3 8	10 54	1 0	22 13	1 15	23 32	0 19
T 26	4 37	2n11	0s24	8 2	0 4	5 39	1 26	6 42	3 5	10 59	0 59	22 13	1 15	23 32	0 19
W27	5 1	6 13	1 36	8 45	0s 3	5 11	1 27	6 38	3 2	11 3	0 59	22 13	1 15	23 32	0 19
T 28	5 24	10 1	2 44	9 27	0 10	4 42	1 28	6 34	2 59	11 8	0 59	22 13	1 15	23 32	0 19
F 29	5 47	13 20	3 43	10 8	0 16	4 13	1 29	6 30	2 55	11 12	0 59	22 13	1 15	23 32	0 19
S 30	6s10	15n56	4s30	10s49	0s23	3n44	1n29	6n26	2s52	11s17	0n59	22n13	1s15	23n32	0n19

Julian Day Number = 2280498.5, Delta T = 171.41 sec
 Ecliptic obliquity = 23°29'52", Nutation = 0°00'01"
 Ayanamsha: Fagan/Bradley = 18°12'20", Lahiri = 17°19'20" Julian Calendar 1 Sept. 1531 == Greg. Calendar 11 Sept. 1531

SWISS EPHEMERIS for the year 1531

OCTOBER 1531 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	1 14 2	16♁37'04	14♂43	28♁37	25♁17	23°R 3	2♁.14	27°R 4	8♁44	23°R57	27°D15	1°R54	1♁ 3	21♁22	28°R55	
M 2	1 17 58	17°36'39	28°51	0♁.10	26°31	22°V43	2°27	27°II 4	8°44	23°R55	27°R15	1♁52	1° 0	21°29	28°R53	
T 3	1 21 55	18°36'16	13♁ 2	1°42	27°46	22°23	2°40	27° 4	8°44	23°54	27°15	1°D52	0°57	21°35	28°50	
W 4	1 25 51	19°35'56	27°14	3°14	29° 1	22° 3	2°53	27° 4	8°44	23°52	27°15	1°52	0°54	21°42	28°47	
T 5	1 29 48	20°35'38	11♁25	4°45	0♁.15	21°43	3° 6	27° 3	8°44	23°51	27°15	1°53	0°51	21°49	28°45	
F 6	1 33 45	21°35'22	25°32	6°16	1°30	21°23	3°19	27° 3	8°R44	23°49	27°15	1°54	0°48	21°55	28°42	
S 7	1 37 41	22°35'08	9♁33	7°46	2°45	21° 3	3°32	27° 2	8°44	23°48	27°15	1°55	0°44	22° 2	28°40	
S 8	1 41 38	23°34'57	23°26	9°15	3°59	20°43	3°45	27° 1	8°44	23°46	27°15	1°56	0°41	22° 9	28°37	
M 9	1 45 34	24°34'47	7♁10	10°44	5°14	20°24	3°58	27° 0	8°44	23°45	27°16	1°R56	0°38	22°16	28°35	
T 10	1 49 31	25°34'40	20°40	12°12	6°29	20° 4	4°11	26°59	8°44	23°44	27°16	1°55	0°35	22°22	28°32	
W 11	1 53 27	26°34'35	3♁.56	13°39	7°44	19°46	4°24	26°58	8°43	23°42	27°16	1°53	0°32	22°29	28°30	
T 12	1 57 24	27°34'32	16°56	15° 6	8°59	19°27	4°37	26°57	8°43	23°41	27°16	1°49	0°28	22°36	28°27	
F 13	2 1 20	28°34'30	29°40	16°32	10°14	19° 9	4°51	26°55	8°43	23°40	27°17	1°45	0°25	22°42	28°25	
S 14	2 5 17	29°34'31	12♁ 8	17°58	11°28	18°51	5° 4	26°54	8°42	23°38	27°17	1°40	0°22	22°49	28°23	
S 15	2 9 14	0♁.34'33	24°22	19°22	12°43	18°34	5°17	26°52	8°42	23°37	27°17	1°36	0°19	22°56	28°20	
M 16	2 13 10	1°34'37	6♁.25	20°46	13°58	18°18	5°30	26°51	8°41	23°36	27°18	1°32	0°16	23° 3	28°18	
T 17	2 17 7	2°34'42	18°20	22°10	15°13	18° 2	5°43	26°49	8°41	23°35	27°18	1°29	0°13	23° 9	28°16	
W 18	2 21 3	3°34'49	0♁.12	23°32	16°28	17°46	5°56	26°47	8°40	23°34	27°19	1°D28	0° 9	23°16	28°14	
T 19	2 25 0	4°34'58	12° 5	24°53	17°44	17°32	6°10	26°45	8°39	23°32	27°19	1°29	0° 6	23°23	28°12	
F 20	2 28 56	5°35'08	24° 4	26°13	18°59	17°18	6°23	26°43	8°39	23°31	27°20	1°30	0° 3	23°29	28° 9	
S 21	2 32 53	6°35'20	6♁.15	27°33	20°14	17° 4	6°36	26°41	8°38	23°30	27°20	1°32	29♁59	23°36	28° 7	
S 22	2 36 49	7°35'33	18°42	28°50	21°29	16°51	6°49	26°38	8°37	23°29	27°21	1°33	29°57	23°43	28° 5	
M 23	2 40 46	8°35'48	1°V28	0♁. 7	22°44	16°40	7° 3	26°36	8°36	23°28	27°21	1°R34	29°54	23°49	28° 3	
T 24	2 44 42	9°36'04	14°36	1°22	23°59	16°28	7°16	26°34	8°35	23°27	27°22	1°33	29°50	23°56	28° 1	
W 25	2 48 39	10°36'22	28° 6	2°35	25°14	16°18	7°29	26°31	8°34	23°26	27°23	1°30	29°47	24° 3	27°59	
T 26	2 52 36	11°36'42	11♁.58	3°47	26°29	16° 8	7°42	26°28	8°33	23°25	27°23	1°26	29°44	24°10	27°58	
F 27	2 56 32	12°37'03	26° 9	4°56	27°45	15°59	7°55	26°26	8°32	23°24	27°24	1°20	29°41	24°16	27°56	
S 28	3 0 29	13°37'27	10♁.32	6° 3	29° 0	15°51	8° 8	26°23	8°31	23°23	27°25	1°13	29°38	24°23	27°54	
S 29	3 4 25	14°37'52	25° 2	7° 8	0♁.15	15°44	8°22	26°20	8°30	23°22	27°26	1° 6	29°34	24°30	27°52	
M 30	3 8 22	15°38'19	9♁.33	8° 9	1°30	15°37	8°35	26°17	8°29	23°21	27°26	1° 0	29°31	24°36	27°51	
T 31	3 12 18	16♁.38'47	23♁.59	9♁. 7	2♁.46	15°V32	8♁.48	26°II13	8♁.27	23°R20	27°R27	0♁.56	29♁.28	24°R43	27°R49	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	6s33	17n37	5s 2	11s29	0s30	3n15	1n30	6n22	2s49	11s21	0n59	22n13	1s15	23n32	0n19	3s41
M 2	6 56	18 14	5 15	12 8	0 37	2 46	1 31	6 18	2 45	11 26	0 59	22 13	1 15	23 32	0 19	3 42
T 3	7 18	17 43	5 10	12 47	0 44	2 17	1 31	6 14	2 42	11 30	0 59	22 13	1 15	23 32	0 19	3 42
W 4	7 41	16 6	4 45	13 25	0 51	1 48	1 31	6 10	2 38	11 35	0 59	22 13	1 15	23 32	0 19	3 43
T 5	8 4	13 29	4 4 14	2 0 57	1 18	1 32	6 6	2 34	11 39	0 59	22 13	1 15	23 32	0 19	3 44	
F 6	8 26	10 6	3 7 14	39 1 4	0 49	1 32	6 2	2 30	11 44	0 59	22 13	1 15	23 32	0 19	3 44	
S 7	8 49	6 9	2 0 15	15 1 11	0 19	1 32	5 58	2 27	11 48	0 59	22 13	1 15	23 32	0 19	3 45	
S 8	9 11	1 54	0 47 15	50 1 17	0s11	1 32	5 54	2 23	11 53	0 59	22 13	1 15	23 32	0 19	3 45	
M 9	9 33	2s25	0n29	16 24	1 24	0 40	1 32	5 50	2 19	11 57	0 58	22 12	1 15	23 32	0 19	3 46
T 10	9 55	6 32	1 41 16	57 1 30	1 10	1 32	5 47	2 15	12 2	0 58	22 12	1 15	23 32	0 19	3 46	
W 11	10 17	10 15	2 47 17	30 1 36	1 40	1 32	5 43	2 11	12 6	0 58	22 12	1 15	23 32	0 19	3 47	
T 12	10 38	13 23	3 42 18	2 1 42	2 9	1 32	5 40	2 7	12 11	0 58	22 12	1 15	23 32	0 19	3 47	
F 13	11 0	15 48	4 25 18	32 1 48	2 39	1 32	5 37	2 3	12 15	0 58	22 12	1 15	23 32	0 19	3 48	
S 14	11 21	17 26	4 55 19	2 1 53	3 9	1 32	5 34	1 59	12 20	0 58	22 12	1 16	23 32	0 19	3 48	
S 15	11 42	18 13	5 10 19	31 1 59	3 38	1 31	5 31	1 55	12 24	0 58	22 12	1 16	23 32	0 19	3 49	
M 16	12 3 18	9 5	5 12 19	59 2 4	4 8	1 31	5 29	1 51	12 29	0 58	22 12	1 16	23 32	0 19	3 49	
T 17	12 24	17 18	4 59 20	25 2 9	4 37	1 30	5 26	1 47	12 33	0 58	22 12	1 16	23 32	0 19	3 50	
W 18	12 44	15 41	4 34 20	51 2 13	5 7	1 30	5 24	1 43	12 37	0 58	22 12	1 16	23 32	0 19	3 50	
T 19	13 5 13	24 3 58	21 16	2 18	5 36	1 29	5 22	1 39	12 42	0 58	22 12	1 16	23 32	0 20	3 51	
F 20	13 25	10 32	3 10 21	39 2 22	6 5	1 28	5 20	1 35	12 46	0 58	22 12	1 16	23 32	0 20	3 51	
S 21	13 45	7 10	2 14 22	1 2 26	6 34	1 28	5 19	1 31	12 51	0 58	22 12	1 16	23 32	0 20	3 51	
S 22	14 5 3 25	1 10	22 22	2 29	7 3	1 27	5 18	1 27	12 55	0 58	22 12	1 16	23 33	0 20	3 52	
M 23	14 24	0n35	0 1 22	42 2 32	7 32	1 26	5 17	1 23	12 59	0 58	22 12	1 16	23 33	0 20	3 52	
T 24	14 43	4 41	1s10	23 1 2 35	8 1	1 25	5 16	1 20	13 4	0 58	22 11	1 16	23 33	0 20	3 53	
W 25	15 2 8 40	2 19	23 18	2 37	8 29	1 24	5 16	1 16	13 8	0 58	22 11	1 16	23 33	0 20	3 53	
T 26	15 21	12 16	3 22 23	33 2 39	8 57	1 23	5 15	1 12	13 12	0 58	22 11	1 16	23 33	0 20	3 53	
F 27	15 40	15 14	4 13 23	48 2 40	9 25	1 22	5 15	1 8	13 17	0 58	22 11	1 16	23 33	0 20	3 54	
S 28	15 58	17 19	4 49 24	0 2 41	9 53	1 21	5 16	1 5	13 21	0 58	22 11	1 16	23 33	0 20	3 54	
S 29	16 16	18 18	5 7 24	12 2 41	10 21	1 19	5 16	1 1	13 25	0 58	22 11	1 16	23 33	0 20	3 54	
M 30	16 34	18 5	5 5 24	21 2 40	10 48	1 18	5 17	0 57	13 29	0 57	22 11	1 16	23 33	0 20	3 55	
T 31	16s51	16n42	4s44	24s29	2s39	11s16	1n17	5n18	0s54	13s34	0n57	22n11	1s16	23n33	0n20	3s55

Julian Day Number = 2280528.5, Delta T = 171.34 sec

Ecliptic obliquity = 23°29'52, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 18°12'24, Lahiri = 17°19'24 Julian Calendar 1 Oct. 1531 == Greg. Calendar 11 Oct. 1531

SWISS EPHEMERIS for the year 1531

NOVEMBER 1531 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	3 16 15	17♎39'18	8♏15	10♌1	4♉1	15°R27	9♉1	26°R10	8°R26	23°R20	27♎28	0°R54	29♎25	24♎50	27°R47								
T 2	3 20 11	18°39'51	22°21	10°51	5°16	15°Y23	9°14	26°II 7	8♎25	23°K19	27°29	0°D54	29°22	24°57	27°K46								
F 3	3 24 8	19°40'25	6♎13	11°36	6°32	15°19	9°27	26°3	8°23	23°18	27°30	0♎54	29°19	25°3	27°44								
S 4	3 28 5	20°41'01	19°54	12°15	7°47	15°17	9°41	26°0	8°22	23°17	27°31	0°56	29°15	25°10	27°43								
S 5	3 32 1	21°41'39	3♎23	12°48	9°2	15°15	9°54	25°56	8°20	23°17	27°32	0°R56	29°12	25°17	27°42								
M 6	3 35 58	22°42'19	16°40	13°15	10°18	15°14	10°7	25°53	8°19	23°16	27°33	0°55	29°9	25°23	27°40								
T 7	3 39 54	23°43'00	29°46	13°33	11°33	15°D14	10°20	25°49	8°17	23°15	27°34	0°51	29°6	25°30	27°39								
W 8	3 43 51	24°43'42	12♎41	13°43	12°49	15°15	10°33	25°45	8°15	23°15	27°35	0°45	29°3	25°37	27°38								
T 9	3 47 47	25°44'27	25°25	13°R44	14°4	15°17	10°46	25°41	8°14	23°14	27°36	0°36	29°0	25°44	27°36								
F 10	3 51 44	26°45'12	7♌56	13°36	15°19	15°19	10°59	25°37	8°12	23°14	27°37	0°26	28°56	25°50	27°35								
S 11	3 55 40	27°45'59	20°17	13°16	16°35	15°22	11°12	25°33	8°10	23°13	27°38	0°14	28°53	25°57	27°34								
S 12	3 59 37	28°46'47	2♎26	12°46	17°50	15°26	11°25	25°29	8°8	23°13	27°39	0°3	28°50	26°4	27°33								
M13	4 3 34	29°47'36	14°26	12°5	19°6	15°31	11°38	25°25	8°7	23°12	27°40	29♎53	28°47	26°10	27°32								
T 14	4 7 30	0♌48'27	26°19	11°13	20°21	15°36	11°51	25°21	8°5	23°12	27°41	29°45	28°44	26°17	27°31								
W15	4 11 27	1°49'18	8♎8	10°11	21°37	15°42	12°3	25°16	8°3	23°11	27°43	29°39	28°40	26°24	27°30								
T 16	4 15 23	2°50'10	19°59	9°1	22°52	15°49	12°16	25°12	8°1	23°11	27°44	29°36	28°37	26°30	27°30								
F 17	4 19 20	3°51'03	1♌55	7°44	24°8	15°57	12°29	25°8	7°59	23°11	27°45	29°D35	28°34	26°37	27°29								
S 18	4 23 16	4°51'57	14°2	6°23	25°23	16°5	12°42	25°3	7°57	23°10	27°46	29°36	28°31	26°44	27°28								
S 19	4 27 13	5°52'51	26°25	5°0	26°39	16°14	12°55	24°59	7°55	23°10	27°48	29°R36	28°28	26°51	27°28								
M20	4 31 9	6°53'47	9°Y10	3°38	27°54	16°23	13°7	24°54	7°53	23°10	27°49	29°36	28°25	26°57	27°27								
T 21	4 35 6	7°54'43	22°20	2°20	29°10	16°34	13°20	24°49	7°51	23°10	27°50	29°34	28°21	27°4	27°27								
W22	4 39 3	8°55'40	5♎58	1°9	0♌25	16°45	13°32	24°45	7°48	23°10	27°52	29°29	28°18	27°11	27°26								
T 23	4 42 59	9°56'37	20°4	0°6	1°41	16°56	13°45	24°40	7°46	23°10	27°53	29°21	28°15	27°17	27°26								
F 24	4 46 56	10°57'36	4♎34	29♎13	2°56	17°8	13°57	24°35	7°44	23°9	27°54	29°12	28°12	27°24	27°25								
S 25	4 50 52	11°58'35	19°22	28°30	4°12	17°21	14°10	24°30	7°42	23°D 9	27°56	29°0	28°9	27°31	27°25								
S 26	4 54 49	12°59'35	4♎21	27°59	5°27	17°34	14°22	24°26	7°40	23°9	27°57	28°49	28°5	27°38	27°25								
M27	4 58 45	14° 0'37	19°19	27°39	6°43	17°48	14°35	24°21	7°37	23°9	27°59	28°39	28°2	27°44	27°25								
T 28	5 2 42	15° 1'39	4♏8	27°D30	7°58	18°3	14°47	24°16	7°35	23°10	28°0	28°31	27°59	27°51	27°25								
W29	5 6 39	16° 2'42	18°42	27°31	9°14	18°18	14°59	24°11	7°33	23°10	28°2	28°26	27°56	27°58	27°24								
T 30	5 10 35	17° 3'46	2♎56	27♎42	10♌29	18°Y33	15♎12	24°II 6	7♎30	23°K10	28♎3	28♎24	27♎53	28♎4	27°D24								

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	17s 8	14n17	4s 6	24s35	2s36	11s43	1n15	5n19	0s50	13s38	0n57	22n11	1s16	23n34	0n20	3s55	1s23	25s 9	4s31	0s21	0n14	16s38	1n57	3n 6
T 2	17 25	11 3	3 13	24 39	2 33	12 9	1 14	5 21	0 47	13 42	0 57	22 11	1 16	23 34	0 20	3 56	1 23	25 9	4 31	0 21	0 15	16 37	1 57	3 5
F 3	17 42	7 15	2 9	24 42	2 29	12 36	1 12	5 23	0 43	13 46	0 57	22 11	1 16	23 34	0 20	3 56	1 23	25 8	4 31	0 22	0 17	16 37	1 56	3 5
S 4	17 58	3 6	0 59	24 42	2 24	13 2	1 11	5 25	0 40	13 50	0 57	22 10	1 16	23 34	0 20	3 56	1 23	25 8	4 31	0 22	0 18	16 36	1 55	3 5
S 5	18 14	1s 9	0n13	24 40	2 18	13 27	1 9	5 27	0 37	13 55	0 57	22 10	1 16	23 34	0 20	3 56	1 23	25 8	4 31	0 22	0 19	16 35	1 54	3 5
M 6	18 30	5 17	1 24	24 36	2 10	13 53	1 7	5 30	0 34	13 59	0 57	22 10	1 16	23 34	0 20	3 57	1 23	25 8	4 31	0 22	0 20	16 34	1 54	3 5
T 7	18 45	9 6	2 28	24 30	2 2	14 18	1 6	5 33	0 30	14 3	0 57	22 10	1 16	23 34	0 20	3 57	1 23	25 8	4 31	0 20	0 22	16 33	1 53	3 4
W 8	19 0	12 26	3 25	24 21	1 51	14 42	1 4	5 36	0 27	14 7	0 57	22 10	1 16	23 34	0 20	3 57	1 23	25 7	4 31	0 18	0 23	16 33	1 52	3 4
T 9	19 14	15 7	4 9	24 9	1 40	15 7	1 2	5 40	0 24	14 11	0 57	22 10	1 16	23 34	0 20	3 57	1 23	25 7	4 31	0 14	0 24	16 32	1 52	3 4
F 10	19 29	17 3	4 41	23 55	1 26	15 31	1 0	5 43	0 21	14 15	0 57	22 10	1 16	23 35	0 20	3 57	1 22	25 7	4 31	0 10	0 25	16 31	1 51	3 4
S 11	19 43	18 10	5 0	23 38	1 12	15 54	0 58	5 47	0 18	14 19	0 57	22 10	1 16	23 35	0 20	3 58	1 22	25 7	4 31	0 6	0 27	16 30	1 50	3 3
S 12	19 56	18 25	5 4	23 18	0 55	16 17	0 56	5 51	0 15	14 23	0 57	22 10	1 16	23 35	0 20	3 58	1 22	25 6	4 31	0 1	0 28	16 29	1 50	3 3
M13	20 9	17 50	4 54	22 55	0 38	16 40	0 54	5 56	0 13	14 27	0 57	22 9	1 16	23 35	0 20	3 58	1 22	25 6	4 31	0n 3	0 29	16 29	1 49	3 3
T 14	20 22	16 29	4 32	22 30	0 19	17 2	0 52	6 0	0 10	14 31	0 57	22 9	1 16	23 35	0 20	3 58	1 22	25 6	4 31	0 6	0 30	16 28	1 48	3 3
W15	20 35	14 26	3 59	22 1	0n 1	17 24	0 50	6 5	0 7	14 35	0 57	22 9	1 16	23 35	0 20	3 58	1 22	25 5	4 31	0 8	0 32	16 27	1 48	3 3
T 16	20 47	11 46	3 15	21 31	0 21	17 45	0 48	6 10	0 5	14 39	0 57	22 9	1 16	23 35	0 20	3 58	1 22	25 5	4 31	0 9	0 33	16 26	1 47	3 2
F 17	20 58	8 37	2 22	20 58	0 41	18 6	0 46	6 15	0 2	14 43	0 57	22 9	1 15	23 36	0 20	3 58	1 22	25 5	4 31	0 10	0 34	16 25	1 47	3 2
S 18	21 10	5 2	1 22	20 25	1 2	18 27	0 44	6 21	0n 1	14 47	0 57	22 9	1 15	23 36	0 20	3 58	1 22	25 5	4 31	0 10	0 36	16 24	1 46	3 2
S 19	21 20	1 10	0 17	19 51	1 21	18 46	0 42	6 27	0 3	14 50	0 57	22 9	1 15	23 36	0 20	3 58	1 22	25 4	4 31	0 10	0 37	16 24	1 46	3 2
M20	21 31	2n52	0s51	19 19	1 39	19 6	0 40	6 33	0 5	14 54	0 57	22 9	1 15	23 36	0 20	3 59	1 22	25 4	4 31	0 10	0 38	16 23	1 45	3 1
T 21	21 41	6 54	1 58	18 48	1 55	19 25	0 37	6 39	0 8	14 58	0 57	22 9	1 15	23 36	0 20	3 59	1 22	25 4	4 31	0 11	0 39	16 22	1 45	3 1
W22	21 51	10 42	3 0	18 20	2 10	19 43	0 35	6 45	0 10	15 2	0 57	22 8	1 15	23 36	0 20	3 59	1 22	25 3	4 31	0 12	0 41	16 21	1 45	3 1
T 23	22 0	14 2	3 54	17 55	2 22	20 1	0 33	6 52	0 12	15 6	0 57	22 8	1 15	23 36	0 20	3 59	1 22	25 3	4 31	0 15	0 42	16 20	1 44	3 1
F 24	22 8	16 36	4 34	17 34	2 32	20 18	0 31	6 58	0 14	15 9	0 57	22 8	1 15	23 37	0 20	3 59	1 22	25 3	4 31	0 19	0 43	16 19	1 44	3 0
S 25	22 17	18 8	4 57	17 17	2 39	20 34	0 28	7 5	0 17	15 13	0 57	22 8	1 15	23 37	0 20	3 59	1 22	25 3	4 31	0 24	0 44	16 18	1 44	3 0
S 26	22 25	18 26	5 0	17 5	2 45	20 50	0 26	7 12	0 19	15 17	0 57	22 8	1 15	23 37	0 20	3 59	1 22	25 2	4 31	0 28	0 46	16 18	1 43	3 0
M27	22 32	17 27	4 42	16 57	2 48	21 6	0 24	7 19	0 21	15 20	0 57	22 8	1 15	23 37	0 20	3 58	1 22	25 2	4 31	0 32	0 47	16 17	1 43	3 0
T 28	22 39	15 17	4 6	16 54	2 50	21 20	0 21	7 27	0 23	15 24	0 57	22 8	1 15	23 37	0 20	3 58	1 22	25 2	4 31	0 35	0 48	16 16	1 43	2 59
W29	22 46	12 11	3 14	16 54	2 49	21 35	0 19	7 34	0 25	15 27	0 57	22 7	1 15	23 3										

SWISS EPHEMERIS for the year 1531

DECEMBER 1531 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	5 14 32	18♁ 4'51	16♁49	28♁ 2	11♁45	18♁49	15♁24	24°R 1	7°R28	23♁10	28♁ 5	28°D23	27♁50	28♁11	27♁24
S 2	5 18 28	19° 5'57	0♁23	28°30	13° 0	19° 6	15°36	23♁56	7♁25	23°10	28° 6	28°R23	27°46	28°18	27°25
S 3	5 22 25	20° 7'04	13°38	29° 5	14°16	19°23	15°48	23°51	7°23	23°10	28° 8	28♁23	27°43	28°24	27°25
M 4	5 26 21	21° 8'11	26°38	29°46	15°31	19°41	16° 0	23°46	7°21	23°11	28° 9	28°20	27°40	28°31	27°25
T 5	5 30 18	22° 9'20	9♁24	0♁33	16°47	19°59	16°12	23°41	7°18	23°11	28°11	28°15	27°37	28°38	27°25
W 6	5 34 14	23°10'29	22° 0	1°25	18° 2	20°17	16°24	23°36	7°16	23°11	28°12	28° 6	27°34	28°45	27°26
T 7	5 38 11	24°11'38	4♁26	2°22	19°18	20°36	16°36	23°31	7°13	23°12	28°14	27°54	27°31	28°51	27°26
F 8	5 42 8	25°12'49	16°43	3°22	20°33	20°56	16°47	23°26	7°11	23°12	28°16	27°41	27°27	28°58	27°27
S 9	5 46 4	26°13'59	28°52	4°26	21°49	21°16	16°59	23°22	7° 8	23°13	28°17	27°26	27°24	29° 5	27°27
S 10	5 50 1	27°15'10	10♁54	5°33	23° 4	21°36	17°11	23°17	7° 6	23°13	28°19	27°10	27°21	29°11	27°28
M 11	5 53 57	28°16'21	22°50	6°42	24°20	21°57	17°22	23°12	7° 3	23°14	28°21	26°57	27°18	29°18	27°28
T 12	5 57 54	29°17'32	4♁40	7°54	25°36	22°18	17°34	23° 7	7° 0	23°14	28°22	26°45	27°15	29°25	27°29
W 13	6 1 50	0♁18'44	16°29	9° 8	26°51	22°39	17°45	23° 2	6°58	23°15	28°24	26°37	27°11	29°32	27°30
T 14	6 5 47	1°19'55	28°18	10°24	28° 7	23° 1	17°56	22°57	6°55	23°15	28°26	26°31	27° 8	29°38	27°31
F 15	6 9 43	2°21'06	10♁12	11°42	29°22	23°24	18° 8	22°52	6°53	23°16	28°28	26°29	27° 5	29°45	27°31
S 16	6 13 40	3°22'17	22°16	13° 1	0♁38	23°46	18°19	22°47	6°50	23°17	28°29	26°28	27° 2	29°52	27°32
S 17	6 17 37	4°23'28	4♁34	14°21	1°53	24° 9	18°30	22°42	6°47	23°17	28°31	26°28	26°59	29°58	27°33
M 18	6 21 33	5°24'38	17°13	15°42	3° 9	24°33	18°41	22°37	6°45	23°18	28°33	26°27	26°56	0♁ 5	27°34
T 19	6 25 30	6°25'48	0♁17	17° 5	4°24	24°57	18°52	22°33	6°42	23°19	28°35	26°25	26°52	0°12	27°35
W 20	6 29 26	7°26'58	13°50	18°28	5°40	25°21	19° 3	22°28	6°40	23°20	28°36	26°21	26°49	0°18	27°37
T 21	6 33 23	8°28'08	27°54	19°53	6°55	25°45	19°13	22°23	6°37	23°21	28°38	26°14	26°46	0°25	27°38
F 22	6 37 19	9°29'17	12♁27	21°18	8°11	26°10	19°24	22°19	6°34	23°22	28°40	26° 5	26°43	0°32	27°39
S 23	6 41 16	10°30'26	27°24	22°44	9°26	26°35	19°35	22°14	6°32	23°23	28°42	25°53	26°40	0°39	27°40
S 24	6 45 12	11°31'35	12♁37	24°10	10°42	27° 0	19°45	22° 9	6°29	23°23	28°44	25°42	26°37	0°45	27°42
M 25	6 49 9	12°32'43	27°55	25°38	11°57	27°26	19°55	22° 5	6°27	23°24	28°46	25°32	26°33	0°52	27°43
T 26	6 53 6	13°33'51	13♁ 6	27° 5	13°12	27°51	20° 6	22° 0	6°24	23°26	28°47	25°24	26°30	0°59	27°45
W 27	6 57 2	14°34'59	28° 1	28°34	14°28	28°18	20°16	21°56	6°22	23°27	28°49	25°18	26°27	1° 5	27°46
T 28	7 0 59	15°36'07	12♁33	0♁ 3	15°43	28°44	20°26	21°52	6°19	23°28	28°51	25°16	26°24	1°12	27°48
F 29	7 4 55	16°37'14	26°38	1°33	16°59	29°11	20°36	21°47	6°16	23°29	28°53	25°D15	26°21	1°19	27°49
S 30	7 8 52	17°38'22	10♁18	3° 3	18°14	29°37	20°46	21°43	6°14	23°30	28°55	25°16	26°17	1°25	27°51
S 31	7 12 48	18♁39'29	23♁34	4♁34	19♁30	0♁ 5	20♁56	21♁39	6♁11	23♁31	28♁57	25°R16	26♁14	1♁32	27♁53

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	22s58	4n17	1s 1	17s 5	2n45	22s 1	0n14	7n50	0n28	15s38	0n57	22n 7	1s15	23n38	0n20	3s58	1s22	25s 1	4s31	0n39	0n52	16s13	1n42	2n59
S 2	23 3	0 1	0n11	17 15	2 42	22 13	0 12	7 58	0 30	15 38	0 58	22 7	1 15	23 38	0 20	3 58	1 22	25 0	4 31	0 39	0 53	16 12	1 42	2 59
S 3	23 8	4s10	1 20	17 27	2 37	22 25	0 9	8 6	0 32	15 41	0 58	22 7	1 14	23 38	0 20	3 58	1 22	25 0	4 31	0 39	0 55	16 11	1 42	2 58
M 4	23 12	8 4	2 23	17 41	2 32	22 36	0 7	8 14	0 34	15 45	0 58	22 7	1 14	23 38	0 20	3 58	1 22	25 0	4 31	0 40	0 56	16 11	1 42	2 58
T 5	23 16	11 31	3 18	17 57	2 26	22 46	0 5	8 22	0 35	15 48	0 58	22 7	1 14	23 38	0 21	3 58	1 22	24 59	4 31	0 42	0 57	16 10	1 41	2 58
W 6	23 19	14 24	4 3	18 14	2 19	22 55	0 2	8 31	0 37	15 52	0 58	22 6	1 14	23 38	0 21	3 57	1 21	24 59	4 31	0 45	0 58	16 9	1 41	2 58
T 7	23 22	16 34	4 35	18 32	2 12	23 4	0s 0	8 40	0 39	15 55	0 58	22 6	1 14	23 39	0 21	3 57	1 21	24 59	4 31	0 50	1 0	16 8	1 41	2 57
F 8	23 25	17 57	4 54	18 50	2 5	23 12	0 3	8 48	0 40	15 58	0 58	22 6	1 14	23 39	0 21	3 57	1 21	24 58	4 31	0 56	1 1	16 7	1 41	2 57
S 9	23 27	18 30	4 59	19 10	1 57	23 20	0 5	8 57	0 42	16 2	0 58	22 6	1 14	23 39	0 21	3 57	1 21	24 58	4 31	1 2	1 2	16 6	1 41	2 57
S 10	23 28	18 13	4 51	19 29	1 49	23 26	0 7	9 6	0 43	16 5	0 58	22 6	1 14	23 39	0 21	3 57	1 21	24 58	4 31	1 8	1 3	16 5	1 41	2 57
M 11	23 29	17 7	4 30	19 49	1 41	23 32	0 10	9 15	0 44	16 8	0 58	22 6	1 14	23 39	0 21	3 56	1 21	24 57	4 31	1 13	1 5	16 4	1 41	2 56
T 12	23 30	15 18	3 57	20 9	1 33	23 38	0 12	9 25	0 46	16 11	0 58	22 6	1 14	23 39	0 21	3 56	1 21	24 57	4 31	1 18	1 6	16 3	1 41	2 56
W 13	23 30	12 51	3 14	20 28	1 25	23 42	0 15	9 34	0 47	16 14	0 58	22 6	1 13	23 39	0 21	3 56	1 21	24 57	4 31	1 21	1 7	16 3	1 41	2 56
T 14	23 29	9 51	2 23	20 48	1 17	23 46	0 17	9 43	0 49	16 17	0 58	22 5	1 13	23 40	0 21	3 56	1 21	24 56	4 31	1 23	1 8	16 2	1 42	2 56
F 15	23 29	6 27	1 25	21 7	1 9	23 49	0 19	9 53	0 50	16 20	0 58	22 5	1 13	23 40	0 21	3 55	1 21	24 56	4 31	1 24	1 10	16 1	1 42	2 55
S 16	23 27	2 44	0 22	21 25	1 0	23 51	0 22	10 2	0 51	16 23	0 58	22 5	1 13	23 40	0 21	3 55	1 21	24 56	4 31	1 25	1 11	16 0	1 42	2 55
S 17	23 25	1n10	0s43	21 43	0 52	23 53	0 24	10 12	0 52	16 26	0 58	22 5	1 13	23 40	0 21	3 55	1 21	24 55	4 31	1 25	1 12	15 59	1 42	2 55
M 18	23 23	5 7	1 48	22 0	0 44	23 54	0 26	10 22	0 53	16 29	0 58	22 5	1 13	23 40	0 21	3 54	1 21	24 55	4 31	1 25	1 13	15 58	1 42	2 55
T 19	23 20	8 58	2 49	22 16	0 36	23 54	0 29	10 32	0 55	16 32	0 58	22 5	1 13	23 40	0 21	3 54	1 21	24 55	4 31	1 26	1 15	15 57	1 42	2 54
W 20	23 17	12 29	3 43	22 32	0 28	23 53	0 31	10 42	0 56	16 35	0 58	22 5	1 12	23 40	0 21	3 54	1 21	24 54	4 31	1 27	1 16	15 56	1 43	2 54
T 21	23 14	15 25	4 26	22 47	0 20	23 52	0 33	10 51	0 57	16 38	0 58	22 4	1 12	23 41	0 21	3 53	1 21	24 54	4 31	1 30	1 17	15 55	1 43	2 54
F 22	23 9	17 30	4 53	23 1	0 12	23 50	0 35	11 1	0 58	16 41	0 58	22 4	1 12	23 41	0 21	3 53	1 21	24 54	4 31	1 34	1 19	15 54	1 43	2 54
S 23	23 5	18 27	5 1	23 13	0 4	23 47	0 37	11 12	0 59	16 44	0 59	22 4	1 12	23 41	0 21	3 52	1 21	24 53	4 31	1 38	1 20	15 53	1 44	2 54
S 24	23 0																							