

SWISS EPHEMERIS for the year 2241

JANUARY 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	6 42 22	10 ²² 22'23	8 ^Ω 53	25 [°] R46	5 [°] R43	14 ^Υ 36	14 [°] R43	4 [°] R50	5 [♁] 6	26 [°] R 8	28 [♁] 2	22 [°] R19	23 ^Ω 53	19 [♁] 20	9 [°] R 3
S 2	6 46 18	11 [°] 23'30	23 [°] 18	25 [♁] 17	5 [♁] 34	15 [°] 10	14 [♁] 42	4 ^Ω 46	5 [°] 10	26 [♁] 7	28 [°] 3	22 [°] D19	23 [°] 49	19 [°] 26	8 ^Ω 59
S 3	6 50 15	12 [°] 24'37	7 [♁] 42	24 [°] 59	5 [°] 22	15 [°] 45	14 [°] 42	4 [°] 41	5 [°] 13	26 [°] 5	28 [°] 5	22 ^Ω 19	23 [°] 46	19 [°] 33	8 [°] 55
M 4	6 54 12	13 [°] 25'44	22 [°] 1	24 [°] D51	5 [°] 8	16 [°] 19	14 [°] 41	4 [°] 37	5 [°] 17	26 [°] 3	28 [°] 7	22 [°] 21	23 [°] 43	19 [°] 40	8 [°] 52
T 5	6 58 8	14 [°] 26'52	6 [♁] 14	24 [°] 52	4 [°] 51	16 [°] 54	14 [°] 40	4 [°] 32	5 [°] 20	26 [°] 2	28 [°] 9	22 [°] 22	23 [°] 40	19 [°] 46	8 [°] 48
W 6	7 2 5	15 [°] 28'00	20 [°] 17	25 [°] 2	4 [°] 32	17 [°] 29	14 [°] 39	4 [°] 28	5 [°] 24	26 [°] 0	28 [°] 11	22 [°] R22	23 [°] 37	19 [°] 53	8 [°] 44
T 7	7 6 1	16 [°] 29'09	4 [♁] 11	25 [°] 20	4 [°] 11	18 [°] 4	14 [°] 37	4 [°] 23	5 [°] 28	25 [°] 59	28 [°] 13	22 [°] 21	23 [°] 34	20 [°] 0	8 [°] 40
F 8	7 9 58	17 [°] 30'18	17 [°] 54	25 [°] 46	3 [°] 48	18 [°] 39	14 [°] 36	4 [°] 19	5 [°] 31	25 [°] 57	28 [°] 14	22 [°] 18	23 [°] 30	20 [°] 6	8 [°] 36
S 9	7 13 54	18 [°] 31'28	1 [♁] 26	26 [°] 18	3 [°] 22	19 [°] 14	14 [°] 34	4 [°] 14	5 [°] 35	25 [°] 55	28 [°] 16	22 [°] 13	23 [°] 27	20 [°] 13	8 [°] 32
S 10	7 17 51	19 [°] 32'37	14 [°] 46	26 [°] 56	2 [°] 54	19 [°] 49	14 [°] 32	4 [°] 10	5 [°] 38	25 [°] 53	28 [°] 18	22 [°] 8	23 [°] 24	20 [°] 20	8 [°] 28
M 11	7 21 47	20 [°] 33'47	27 [°] 53	27 [°] 39	2 [°] 25	20 [°] 24	14 [°] 30	4 [°] 5	5 [°] 42	25 [°] 52	28 [°] 19	22 [°] 2	23 [°] 21	20 [°] 26	8 [°] 24
T 12	7 25 44	21 [°] 34'56	10 [♁] 47	28 [°] 27	1 [°] 54	21 [°] 0	14 [°] 28	4 [°] 0	5 [°] 45	25 [°] 50	28 [°] 21	21 [°] 57	23 [°] 18	20 [°] 33	8 [°] 20
W 13	7 29 41	22 [°] 36'06	23 [°] 27	29 [°] 20	1 [°] 21	21 [°] 35	14 [°] 25	3 [°] 55	5 [°] 49	25 [°] 48	28 [°] 23	21 [°] 53	23 [°] 15	20 [°] 40	8 [°] 16
T 14	7 33 37	23 [°] 37'15	5 [♁] 53	0 [♁] 16	0 [°] 47	22 [°] 11	14 [°] 22	3 [°] 51	5 [°] 52	25 [°] 47	28 [°] 24	21 [°] 50	23 [°] 11	20 [°] 46	8 [°] 12
F 15	7 37 34	24 [°] 38'24	18 [°] 6	1 [°] 15	0 [°] 12	22 [°] 47	14 [°] 19	3 [°] 46	5 [°] 56	25 [°] 45	28 [°] 26	21 [°] D49	23 [°] 8	20 [°] 53	8 [°] 8
S 16	7 41 30	25 [°] 39'32	0 [♁] 8	2 [°] 18	29 [♁] 36	23 [°] 22	14 [°] 16	3 [°] 41	5 [°] 59	25 [°] 43	28 [°] 27	21 [°] 49	23 [°] 5	21 [°] 0	8 [°] 3
S 17	7 45 27	26 [°] 40'40	12 [°] 2	3 [°] 24	29 [°] 0	23 [°] 58	14 [°] 13	3 [°] 36	6 [°] 3	25 [°] 42	28 [°] 29	21 [°] 50	23 [°] 2	21 [°] 6	7 [°] 59
M 18	7 49 23	27 [°] 41'48	23 [°] 51	4 [°] 31	28 [°] 23	24 [°] 34	14 [°] 10	3 [°] 31	6 [°] 6	25 [°] 40	28 [°] 30	21 [°] 52	22 [°] 59	21 [°] 13	7 [°] 55
T 19	7 53 20	28 [°] 42'55	5 ^Υ 39	5 [°] 41	27 [°] 46	25 [°] 10	14 [°] 6	3 [°] 26	6 [°] 10	25 [°] 38	28 [°] 32	21 [°] 54	22 [°] 55	21 [°] 20	7 [°] 50
W 20	7 57 16	29 [°] 44'01	17 [°] 31	6 [°] 53	27 [°] 10	25 [°] 46	14 [°] 2	3 [°] 21	6 [°] 13	25 [°] 37	28 [°] 33	21 [°] 55	22 [°] 52	21 [°] 26	7 [°] 46
T 21	8 1 13	0 [♁] 45'06	29 [°] 31	8 [°] 7	26 [°] 33	26 [°] 23	13 [°] 58	3 [°] 16	6 [°] 16	25 [°] 35	28 [°] 35	21 [°] R56	22 [°] 49	21 [°] 33	7 [°] 42
F 22	8 5 10	1 [°] 46'11	11 [♁] 45	9 [°] 23	25 [°] 58	26 [°] 59	13 [°] 54	3 [°] 11	6 [°] 20	25 [°] 33	28 [°] 36	21 [°] 56	22 [°] 46	21 [°] 40	7 [°] 37
S 23	8 9 6	2 [°] 47'15	24 [°] 17	10 [°] 40	25 [°] 23	27 [°] 35	13 [°] 50	3 [°] 6	6 [°] 23	25 [°] 31	28 [°] 37	21 [°] 54	22 [°] 43	21 [°] 46	7 [°] 33
S 24	8 13 3	3 [°] 48'18	7 [♁] 11	11 [°] 58	24 [°] 50	28 [°] 12	13 [°] 45	3 [°] 2	6 [°] 27	25 [°] 30	28 [°] 39	21 [°] 52	22 [°] 40	21 [°] 53	7 [°] 28
M 25	8 16 59	4 [°] 49'20	20 [°] 30	13 [°] 18	24 [°] 17	28 [°] 48	13 [°] 40	2 [°] 57	6 [°] 30	25 [°] 28	28 [°] 40	21 [°] 50	22 [°] 36	22 [°] 0	7 [°] 24
T 26	8 20 56	5 [°] 50'22	4 [♁] 14	14 [°] 39	23 [°] 47	29 [°] 25	13 [°] 36	2 [°] 52	6 [°] 33	25 [°] 26	28 [°] 41	21 [°] 47	22 [°] 33	22 [°] 6	7 [°] 20
W 27	8 24 52	6 [°] 51'22	18 [°] 23	16 [°] 1	23 [°] 18	0 [♁] 1	13 [°] 31	2 [°] 47	6 [°] 36	25 [°] 25	28 [°] 43	21 [°] 45	22 [°] 30	22 [°] 13	7 [°] 15
T 28	8 28 49	7 [°] 52'22	2 ^Ω 52	17 [°] 24	22 [°] 51	0 [°] 38	13 [°] 25	2 [°] 42	6 [°] 40	25 [°] 23	28 [°] 44	21 [°] 44	22 [°] 27	22 [°] 20	7 [°] 11
F 29	8 32 45	8 [°] 53'21	17 [°] 36	18 [°] 47	22 [°] 26	1 [°] 14	13 [°] 20	2 [°] 37	6 [°] 43	25 [°] 22	28 [°] 45	21 [°] D43	22 [°] 24	22 [°] 26	7 [°] 6
S 30	8 36 42	9 [°] 54'19	2 [♁] 29	20 [°] 12	22 [°] 3	1 [°] 51	13 [°] 15	2 [°] 32	6 [°] 46	25 [°] 20	28 [°] 46	21 [°] 44	22 [°] 21	22 [°] 33	7 [°] 2
S 31	8 40 39	10 [°] 55'17	17 [♁] 20	21 [♁] 38	21 [♁] 43	2 [♁] 28	13 [♁] 9	2 ^Ω 27	6 [♁] 49	25 [♁] 18	28 [♁] 47	21 ^Ω 44	22 ^Ω 17	22 [♁] 40	6 ^Ω 57

Delta T = 08m49s

FEBRUARY 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	8 44 35	11 [°] 56'13	2 [♁] 5	23 [♁] 5	21 [°] R25	3 [♁] 5	13 [°] R 3	2 [°] R22	6 [♁] 52	25 [°] R17	28 [♁] 48	21 ^Ω 45	22 ^Ω 14	22 [♁] 46	6 [°] R53
T 2	8 48 32	12 [°] 57'09	16 [°] 37	24 [°] 32	21 [♁] 9	3 [°] 42	12 [♁] 57	2 ^Ω 18	6 [°] 55	25 [♁] 15	28 [°] 49	21 [°] 46	22 [°] 11	22 [°] 53	6 ^Ω 48
W 3	8 52 28	13 [°] 58'05	0 [♁] 52	26 [°] 0	20 [°] 56	4 [°] 18	12 [°] 51	2 [°] 13	6 [°] 58	25 [°] 13	28 [°] 50	21 [°] 46	22 [°] 8	23 [°] 0	6 [°] 44
T 4	8 56 25	14 [°] 59'00	14 [°] 48	27 [°] 30	20 [°] 46	4 [°] 55	12 [°] 45	2 [°] 8	7 [°] 2	25 [°] 12	28 [°] 51	21 [°] R47	22 [°] 5	23 [°] 6	6 [°] 40
F 5	9 0 21	15 [°] 59'54	28 [°] 25	28 [°] 59	20 [°] 37	5 [°] 32	12 [°] 39	2 [°] 3	7 [°] 5	25 [°] 10	28 [°] 52	21 [°] 47	22 [°] 1	23 [°] 13	6 [°] 35
S 6	9 4 18	17 [°] 0'48	11 [♁] 43	0 [♁] 30	20 [°] 32	6 [°] 9	12 [°] 32	1 [°] 59	7 [°] 8	25 [°] 9	28 [°] 53	21 [°] 46	21 [°] 58	23 [°] 20	6 [°] 31
S 7	9 8 14	18 [°] 1'40	24 [°] 44	2 [°] 1	20 [°] 29	6 [°] 47	12 [°] 26	1 [°] 54	7 [°] 11	25 [°] 7	28 [°] 54	21 [°] 46	21 [°] 55	23 [°] 26	6 [°] 27
M 8	9 12 11	19 [°] 2'32	7 [♁] 30	3 [°] 33	20 [°] D28	7 [°] 24	12 [°] 19	1 [°] 49	7 [°] 13	25 [°] 6	28 [°] 54	21 [°] 45	21 [°] 52	23 [°] 33	6 [°] 22
T 9	9 16 8	20 [°] 3'23	20 [°] 2	5 [°] 6	20 [°] 30	8 [°] 1	12 [°] 12	1 [°] 45	7 [°] 16	25 [°] 4	28 [°] 55	21 [°] 45	21 [°] 49	23 [°] 40	6 [°] 18
W 10	9 20 4	21 [°] 4'13	2 [♁] 23	6 [°] 40	20 [°] 34	8 [°] 38	12 [°] 6	1 [°] 40	7 [°] 19	25 [°] 3	28 [°] 56	21 [°] 45	21 [°] 46	23 [°] 46	6 [°] 14
T 11	9 24 1	22 [°] 5'02	14 [°] 34	8 [°] 14	20 [°] 40	9 [°] 15	11 [°] 59	1 [°] 36	7 [°] 22	25 [°] 1	28 [°] 57	21 [°] D45	21 [°] 42	23 [°] 53	6 [°] 9
F 12	9 27 57	23 [°] 5'50	26 [°] 36	9 [°] 50	20 [°] 49	9 [°] 53	11 [°] 52	1 [°] 31	7 [°] 25	25 [°] 0	28 [°] 57	21 [°] R45	21 [°] 39	24 [°] 0	6 [°] 5
S 13	9 31 54	24 [°] 6'36	8 [♁] 31	11 [°] 26	21 [°] 0	10 [°] 30	11 [°] 44	1 [°] 27	7 [°] 28	24 [°] 58	28 [°] 58	21 [°] 45	21 [°] 36	24 [°] 6	6 [°] 1
S 14	9 35 50	25 [°] 7'21	20 [°] 22	13 [°] 2	21 [°] 13	11 [°] 7	11 [°] 37	1 [°] 23	7 [°] 30	24 [°] 57	28 [°] 59	21 [°] 44	21 [°] 33	24 [°] 13	5 [°] 57
M 15	9 39 47	26 [°] 8'05	2 ^Υ 11	14 [°] 40	21 [°] 28	11 [°] 45	11 [°] 30	1 [°] 18	7 [°] 33	24 [°] 55	28 [°] 59	21 [°] 44	21 [°] 30	24 [°] 20	5 [°] 53
T 16	9 43 43	27 [°] 8'47	13 [°] 59	16 [°] 18	21 [°] 45	12 [°] 22	11 [°] 22	1 [°] 14	7 [°] 36	24 [°] 54	29 [°] 0	21 [°] 43	21 [°] 27	24 [°] 26	5 [°] 49
W 17	9 47 40	28 [°] 9'27	25 [°] 52	17 [°] 57	22 [°] 4	13 [°] 0</									

SWISS EPHEMERIS for the year 2241

MARCH 2241

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	10 34 59	10♋15'22	11♌ 2	8♋57	28♌ 5	20♌31	9°R42	0°R26	8♌ 7	24°R38	29♌ 3	21°R41	20♌45	25♋53	5°R 1
T 2	10 38 55	11°15'41	25°56	10°48	28°44	21° 8	9♎34	0♎23	8° 9	24♌37	29°R 3	21♌38	20°42	26° 0	4♌58
W 3	10 42 52	12°15'58	10♌30	12°40	29°25	21°46	9°26	0°20	8°11	24°36	29° 3	21°36	20°39	26° 6	4°55
T 4	10 46 48	13°16'14	24°39	14°32	0♌ 6	22°24	9°18	0°17	8°13	24°35	29° 3	21°34	20°36	26°13	4°52
F 5	10 50 45	14°16'28	8♌22	16°26	0°49	23° 2	9°10	0°14	8°15	24°34	29° 3	21°D33	20°32	26°20	4°49
S 6	10 54 41	15°16'41	21°39	18°20	1°32	23°39	9° 2	0°11	8°17	24°33	29° 3	21°33	20°29	26°26	4°46
S 7	10 58 38	16°16'53	4♌33	20°15	2°17	24°17	8°55	0° 9	8°19	24°32	29° 3	21°34	20°26	26°33	4°43
M 8	11 2 34	17°17'03	17° 8	22°10	3° 3	24°55	8°47	0° 6	8°21	24°31	29° 3	21°35	20°23	26°40	4°41
T 9	11 6 31	18°17'11	29°27	24° 6	3°49	25°33	8°39	0° 4	8°23	24°30	29° 3	21°37	20°20	26°46	4°38
W10	11 10 28	19°17'18	11♌34	26° 3	4°36	26°11	8°32	0° 1	8°24	24°29	29° 2	21°38	20°17	26°53	4°35
T 11	11 14 24	20°17'23	23°33	27°59	5°25	26°48	8°24	29♌59	8°26	24°29	29° 2	21°R39	20°13	27° 0	4°33
F 12	11 18 21	21°17'27	5♋26	29°55	6°14	27°26	8°16	29°57	8°28	24°28	29° 2	21°38	20°10	27° 6	4°30
S 13	11 22 17	22°17'28	17°16	1°V51	7° 3	28° 4	8° 9	29°55	8°29	24°27	29° 1	21°35	20° 7	27°13	4°28
S 14	11 26 14	23°17'28	29° 5	3°46	7°54	28°42	8° 1	29°53	8°31	24°26	29° 1	21°31	20° 4	27°20	4°26
M15	11 30 10	24°17'26	10V54	5°40	8°45	29°20	7°54	29°51	8°32	24°26	29° 1	21°26	20° 1	27°26	4°24
T 16	11 34 7	25°17'22	22°47	7°33	9°37	29°58	7°47	29°49	8°34	24°25	29° 0	21°19	19°58	27°33	4°22
W17	11 38 3	26°17'15	4♌44	9°25	10°29	0II36	7°40	29°48	8°35	24°24	29° 0	21°13	19°54	27°40	4°20
T 18	11 42 0	27°17'07	16°48	11°14	11°23	1°14	7°33	29°46	8°37	24°24	28°59	21° 7	19°51	27°46	4°18
F 19	11 45 57	28°16'57	29° 2	13° 0	12°16	1°51	7°26	29°45	8°38	24°23	28°58	21° 2	19°48	27°53	4°16
S 20	11 49 53	29°16'44	11II29	14°44	13°11	2°29	7°19	29°43	8°39	24°23	28°58	20°58	19°45	28° 0	4°14
S 21	11 53 50	0V16'29	24°12	16°24	14° 6	3° 7	7°12	29°42	8°40	24°22	28°57	20°57	19°42	28° 6	4°13
M22	11 57 46	1°16'12	7♌15	17°59	15° 1	3°45	7° 5	29°41	8°42	24°22	28°57	20°D57	19°38	28°13	4°11
T 23	12 1 43	2°15'53	20°42	19°31	15°57	4°23	6°59	29°40	8°43	24°21	28°56	20°58	19°35	28°20	4°10
W24	12 5 39	3°15'32	4♌35	20°57	16°54	5° 1	6°52	29°39	8°44	24°21	28°55	20°59	19°32	28°26	4° 9
T 25	12 9 36	4°15'08	18°54	22°18	17°50	5°39	6°46	29°38	8°45	24°20	28°54	21°R 0	19°29	28°33	4° 7
F 26	12 13 32	5°14'42	3II37	23°34	18°48	6°17	6°40	29°38	8°46	24°20	28°54	20°59	19°26	28°40	4° 6
S 27	12 17 29	6°14'13	18°41	24°43	19°46	6°55	6°34	29°37	8°47	24°20	28°53	20°57	19°23	28°46	4° 5
S 28	12 21 26	7°13'43	3♌56	25°45	20°44	7°33	6°28	29°37	8°47	24°20	28°52	20°52	19°19	28°53	4° 4
M29	12 25 22	8°13'10	19°13	26°41	21°43	8°11	6°22	29°36	8°48	24°19	28°51	20°46	19°16	29° 0	4° 4
T 30	12 29 19	9°12'36	4II20	27°30	22°42	8°49	6°16	29°36	8°49	24°19	28°50	20°38	19°13	29° 6	4° 3
W31	12 33 15	10V11'59	19II 9	28V11	23♌41	9II26	6II11	29♌36	8♌50	24♌19	28II49	20♌31	19♌10	29♋13	4♌ 2

Delta T = 08m49s

APRIL 2241

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	12 37 12	11V11'21	3♌32	28V45	24♌41	10II 4	6°R 5	29°D36	8♌50	24°R19	28°R48	20°R24	19♌ 7	29♋20	4°R 2
F 2	12 41 8	12°10'42	17°26	29°12	25°42	10°42	6II 0	29♌36	8°51	24♌19	28II47	20♌20	19° 4	29°27	4♌ 1
S 3	12 45 5	13°10'00	0♌49	29°31	26°42	11°20	5°55	29°36	8°51	24°19	28°46	20°17	19° 0	29°33	4° 1
S 4	12 49 1	14° 9'17	13°46	29°42	27°43	11°58	5°50	29°37	8°52	24°19	28°45	20°D16	18°57	29°40	4° 1
M 5	12 52 58	15° 8'32	26°20	29°R47	28°45	12°36	5°45	29°37	8°52	24°D19	28°44	20°16	18°54	29°47	4°D 1
T 6	12 56 55	16° 7'45	8♌35	29°44	29°46	13°14	5°41	29°38	8°53	24°19	28°43	20°17	18°51	29°53	4° 1
W 7	13 0 51	17° 6'56	20°36	29°34	0♋48	13°52	5°36	29°38	8°53	24°19	28°42	20°R18	18°48	0V 0	4° 1
T 8	13 4 48	18° 6'06	2♋29	29°17	1°50	14°30	5°32	29°39	8°53	24°19	28°41	20°17	18°44	0° 7	4° 1
F 9	13 8 44	19° 5'13	14°17	28°55	2°53	15° 8	5°28	29°40	8°54	24°19	28°40	20°14	18°41	0°13	4° 1
S 10	13 12 41	20° 4'19	26° 5	28°27	3°56	15°45	5°24	29°41	8°54	24°19	28°39	20° 8	18°38	0°20	4° 2
S 11	13 16 37	21° 3'23	7V54	27°54	4°59	16°23	5°20	29°42	8°54	24°19	28°37	20° 0	18°35	0°27	4° 2
M12	13 20 34	22° 2'25	19°48	27°17	6° 2	17° 1	5°17	29°43	8°54	24°19	28°36	19°50	18°32	0°33	4° 3
T 13	13 24 30	23° 1'25	1♌47	26°37	7° 6	17°39	5°13	29°44	8°R54	24°20	28°35	19°38	18°29	0°40	4° 4
W14	13 28 27	24° 0'23	13°53	25°54	8°10	18°17	5°10	29°46	8°54	24°20	28°34	19°26	18°25	0°47	4° 4
T 15	13 32 23	24°59'18	26° 7	25° 9	9°14	18°55	5° 7	29°47	8°54	24°20	28°32	19°14	18°22	0°53	4° 5
F 16	13 36 20	25°58'12	8II30	24°23	10°18	19°33	5° 4	29°49	8°54	24°21	28°31	19° 4	18°19	1° 0	4° 6
S 17	13 40 17	26°57'04	21° 5	23°38	11°22	20°11	5° 1	29°51	8°54	24°21	28°30	18°57	18°16	1° 7	4° 7
S 18	13 44 13	27°55'53	3♌52	22°53	12°27	20°49	4°59	29°53	8°53	24°22	28°28	18°52	18°13	1°13	4° 9
M19	13 48 10	28°54'40	16°55	22°10	13°32	21°27	4°56	29°54	8°53	24°22	28°27	18°49	18° 9	1°20	4°10
T 20	13 52 6	29°53'25	0♌17	21°30	14°37	22° 4	4°54	29°57	8°53	24°22	28°26	18°D49	18° 6	1°27	4°11
W21	13 56 3	0♌52'08	14° 0	20°52	15°42	22°42	4°52	29°59	8°52	24°23	28°24	18°R49	18° 3	1°33	4°13
T 22	13 59 59	1°50'48	28° 4	20°18	16°47	23°20	4°51	0♌ 1	8°52	24°24	28°23	18°49	18° 0	1°40	4°15
F 23	14 3 56	2°49'26	12II32	19°49	17°53	23°58	4°49	0° 3	8°52	24°24	28°21	18°47	17°57	1°47	4°16
S 24	14 7 52	3°48'02	27°18	19°23	18°59	24°36	4°48	0° 6	8°51	24°25	28°20	18°43	17°54	1°53	4°18
S 25	14 11 49	4°46'36	12♌20	19° 2	20° 5	25°14	4°46	0° 8	8°50	24°25	28°18	18°36	17°50	2° 0	4°20
M26	14 15 46	5°45'07	27°26	18°46	21°11	25°52	4°45	0°11	8°50	24°26	28°17	18°26	17°47	2° 7	4°22
T 27	14 19 42	6°43'37	12II29	18°36	22°17	26°29	4°44	0°14	8°49	24°27	28°15	18°16	17°44	2°13	4°24
W28	14 23 39	7°42'05	27°18	18°30	23°24	27° 7	4°44	0°17	8°48	24°28	28°14	18° 5	17°41	2°20	4°26
T 29	14 27 35	8°40'31	11♌45	18°D29	24°30	27°45	4°43	0°20	8°48	24°28	28°12	17°55	17°38	2°27	4°29
F 30	14 31 32	9♌38'56	25♌44	18V33	25♋37	28II23	4II43	0♌23	8♌47	24♌29	28II11	17♌47	17♌35	2V34	4♌31

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SWISS EPHEMERIS for the year 2241

MAY 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	14 35 28	10♁37'19	9♁14	18♁42	26♁44	29♁ 1	4°D43	0♁26	8°R46	24♁30	28°R 9	17°R41	17♁31	2♁40	4♁34
S 2	14 39 25	11°35'41	22°16	18°56	27°51	29°39	4♁43	0°29	8♁45	24°31	28♁ 8	17♁38	17°28	2°47	4°36
M 3	14 43 21	12°34'01	4♁55	19°14	28°58	0♁16	4°43	0°32	8°44	24°32	28° 6	17°37	17°25	2°54	4°39
T 4	14 47 18	13°32'19	17° 9	19°37	0♁ 5	0°54	4°44	0°36	8°43	24°33	28° 4	17°37	17°22	3° 0	4°42
W 5	14 51 15	14°30'36	29°11	20° 4	1°13	1°32	4°44	0°39	8°42	24°34	28° 3	17°37	17°19	3° 7	4°44
T 6	14 55 11	15°28'51	11♁ 4	20°36	2°20	2°10	4°45	0°43	8°41	24°35	28° 1	17°35	17°15	3°14	4°47
F 7	14 59 8	16°27'05	22°52	21°11	3°28	2°48	4°46	0°47	8°40	24°36	28° 0	17°32	17°12	3°20	4°50
S 8	15 3 4	17°25'17	4♁41	21°51	4°36	3°25	4°47	0°51	8°39	24°37	27°58	17°25	17° 9	3°27	4°54
S 9	15 7 1	18°23'28	16°33	22°34	5°44	4° 3	4°48	0°54	8°37	24°38	27°56	17°16	17° 6	3°34	4°57
M10	15 10 57	19°21'37	28°32	23°21	6°52	4°41	4°50	0°58	8°36	24°39	27°55	17° 4	17° 3	3°40	5° 0
T 11	15 14 54	20°19'44	10♁40	24°11	8° 0	5°19	4°52	1° 3	8°35	24°40	27°53	16°51	17° 0	3°47	5° 3
W12	15 18 50	21°17'50	22°58	25° 4	9° 8	5°56	4°54	1° 7	8°33	24°41	27°51	16°37	16°56	3°54	5° 7
T 13	15 22 47	22°15'55	5♁26	26° 1	10°16	6°34	4°56	1°11	8°32	24°43	27°50	16°24	16°53	4° 0	5°10
F 14	15 26 44	23°13'57	18° 5	27° 0	11°25	7°12	4°58	1°15	8°30	24°44	27°48	16°13	16°50	4° 7	5°14
S 15	15 30 40	24°11'59	0♁55	28° 3	12°33	7°50	5° 0	1°20	8°29	24°45	27°46	16° 4	16°47	4°14	5°18
S 16	15 34 37	25° 9'58	13°57	29° 9	13°42	8°28	5° 3	1°24	8°27	24°46	27°45	15°58	16°44	4°21	5°22
M17	15 38 33	26° 7'56	27°10	0♁17	14°50	9° 5	5° 6	1°29	8°26	24°48	27°43	15°55	16°41	4°27	5°26
T 18	15 42 30	27° 5'51	10♁37	1°28	15°59	9°43	5° 9	1°33	8°24	24°49	27°41	15°D54	16°37	4°34	5°30
W19	15 46 26	28° 3'45	2°41	17° 8	10°21	10°21	5°12	1°38	8°23	24°50	27°40	15°R54	16°34	4°41	5°34
T 20	15 50 23	29° 1'37	8♁17	3°57	18°17	10°59	5°15	1°43	8°21	24°52	27°38	15°54	16°31	4°47	5°38
F 21	15 54 19	29°59'28	22°30	5°16	19°26	11°36	5°18	1°48	8°19	24°53	27°36	15°52	16°28	4°54	5°42
S 22	15 58 16	0♁57'16	6♁59	6°37	20°35	12°14	5°22	1°53	8°18	24°55	27°35	15°48	16°25	5° 1	5°46
S 23	16 2 13	1°55'03	21°38	8° 1	21°44	12°52	5°26	1°58	8°16	24°56	27°33	15°42	16°21	5° 7	5°51
M24	16 6 9	2°52'49	6♁22	9°26	22°53	13°29	5°30	2° 3	8°14	24°58	27°31	15°33	16°18	5°14	5°55
T 25	16 10 6	3°50'32	21° 5	10°55	24° 2	14° 7	5°34	2° 8	8°12	24°59	27°30	15°23	16°15	5°21	6° 0
W26	16 14 2	4°48'15	5♁38	12°25	25°12	14°45	5°38	2°14	8°10	25° 1	27°28	15°13	16°12	5°27	6° 4
T 27	16 17 59	5°45'56	19°53	13°58	26°21	15°22	5°43	2°19	8° 8	25° 2	27°26	15° 3	16° 9	5°34	6° 9
F 28	16 21 55	6°43'36	3♁46	15°33	27°31	16° 0	5°47	2°24	8° 6	25° 4	27°25	14°55	16° 6	5°41	6°14
S 29	16 25 52	7°41'15	17°14	17°11	28°40	16°38	5°52	2°30	8° 4	25° 6	27°23	14°50	16° 2	5°47	6°19
S 30	16 29 48	8°38'53	0♁16	18°51	29°50	17°16	5°57	2°35	8° 2	25° 7	27°21	14°47	15°59	5°54	6°23
M31	16 33 45	9♁36'30	12♁56	20♁33	1♁ 0	17♁53	6♁ 2	2♁41	8♁ 0	25♁ 9	27♁20	14°D46	15♁56	6♁ 1	6♁28

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JUNE 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	16 37 42	10♁34'06	25♁15	22♁17	2♁10	18♁31	6♁ 7	2♁47	7°R58	25♁11	27°R18	14♁46	15♁53	6♁ 8	6♁33
W 2	16 41 38	11°31'41	7♁20	24° 4	3°19	19° 9	6°12	2°52	7♁56	25°12	27♁17	14°R47	15°50	6°14	6°38
T 3	16 45 35	12°29'15	19°15	25°53	4°29	19°46	6°18	2°58	7°54	25°14	27°15	14°46	15°47	6°21	6°44
F 4	16 49 31	13°26'48	1♁ 5	27°44	5°39	20°24	6°24	3° 4	7°52	25°16	27°13	14°45	15°43	6°28	6°49
S 5	16 53 28	14°24'20	12°56	29°38	6°49	21° 2	6°29	3°10	7°50	25°17	27°12	14°41	15°40	6°34	6°54
S 6	16 57 24	15°21'51	24°52	1♁33	8° 0	21°39	6°35	3°16	7°48	25°19	27°10	14°35	15°37	6°41	7° 0
M 7	17 1 21	16°19'22	6♁57	3°31	9°10	22°17	6°41	3°22	7°46	25°21	27° 9	14°27	15°34	6°48	7° 5
T 8	17 5 17	17°16'52	19°13	5°31	10°20	22°55	6°48	3°28	7°43	25°23	27° 7	14°17	15°31	6°54	7°10
W 9	17 9 14	18°14'21	1♁42	7°33	11°30	23°32	6°54	3°34	7°41	25°25	27° 6	14° 7	15°27	7° 1	7°16
T 10	17 13 11	19°11'50	14°26	9°37	12°41	24°10	7° 0	3°41	7°39	25°27	27° 4	13°57	15°24	7° 8	7°22
F 11	17 17 7	20° 9'17	27°24	11°42	13°51	24°48	7° 7	3°47	7°37	25°28	27° 3	13°49	15°21	7°14	7°27
S 12	17 21 4	21° 6'44	10♁34	13°49	15° 1	25°25	7°14	3°53	7°34	25°30	27° 1	13°42	15°18	7°21	7°33
S 13	17 25 0	22° 4'09	23°57	15°58	16°12	26° 3	7°21	4° 0	7°32	25°32	27° 0	13°38	15°15	7°28	7°39
M14	17 28 57	23° 1'34	7♁30	18° 8	17°22	26°41	7°28	4° 6	7°30	25°34	26°58	13°D37	15°12	7°35	7°45
T 15	17 32 53	23°58'57	21°14	20°18	18°33	27°18	7°35	4°13	7°27	25°36	26°57	13°37	15° 8	7°41	7°51
W16	17 36 50	24°56'20	5♁ 7	22°30	19°44	27°56	7°42	4°19	7°25	25°38	26°55	13°38	15° 5	7°48	7°56
T 17	17 40 46	25°53'41	19° 8	24°42	20°54	28°33	7°50	4°26	7°23	25°40	26°54	13°R39	15° 2	7°55	8° 2
F 18	17 44 43	26°51'02	3♁17	26°54	22° 5	29°11	7°57	4°32	7°20	25°42	26°52	13°39	14°59	8° 1	8° 9
S 19	17 48 40	27°48'21	17°33	29° 6	23°16	29°49	8° 5	4°39	7°18	25°44	26°51	13°37	14°56	8° 8	8°15
S 20	17 52 36	28°45'40	1♁52	1♁17	24°26	0♁26	8°13	4°46	7°15	25°46	26°50	13°34	14°52	8°15	8°21
M21	17 56 33	29°42'57	16°12	3°28	25°37	1° 4	8°21	4°53	7°13	25°48	26°48	13°28	14°49	8°21	8°27
T 22	18 0 29	0♁40'14	0♁28	5°38	26°48	1°42	8°29	5° 0	7°11	25°50	26°47	13°22	14°46	8°28	8°33
W23	18 4 26	1°37'30	14°34	7°47	27°59	2°19	8°37	5° 6	7° 8	25°52	26°46	13°16	14°43	8°35	8°40
T 24	18 8 22	2°34'46	28°27	9°55	29°10	2°57	8°45	5°13	7° 6	25°54	26°45	13°10	14°40	8°42	8°46
F 25	18 12 19	3°32'01	12♁ 3	12° 1	0♁21	3°35	8°54	5°20	7° 3	25°56	26°43	13° 5	14°37	8°48	8°52
S 26	18 16 15	4°29'16	25°18	14° 6	1°32	4°12	9° 2	5°27	7° 1	25°58	26°42	13° 2	14°33	8°55	8°59
S 27	18 20 12	5°26'31	8♁13	16° 9	2°43	4°50	9°11	5°34	6°58	26° 1	26°41	13°D 0	14°30	9° 2	9° 5
M28	18 24 9	6°23'45	20°49	18°10	3°54	5°28	9°19	5°41	6°56	26° 3	26°40	13° 0	14°27	9° 8	9°12
T 29	18 28 5	7°20'59	3♁ 8	20° 9	5° 6	6° 5	9°28	5°49	6°53	26° 5	26°38	13° 2	14°24	9°15	9°18
W30	18 32 2	8♁18'12	15♁14	22♁ 6	6♁17	6♁43	9♁37	5♁56	6♁51	26♁ 7	26♁37	13♁ 3	14♁21	9♁22	9♁25

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SWISS EPHEMERIS for the year 2241

JULY 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	18 35 58	9 ^h 15'26"	27 ^h 10'	24 ^h 01'	7 ^h 28'	7 ^h 20'	9 ^h 46'	6 ^h 03'	6 ^h R49	26 ^h 09'	26 ^h R36	13 ^h 05'	14 ^h 18'	9 ^h 28'	9 ^h 02'		
F 2	18 39 55	10°12'40"	9 ^h 2'	25°54'	8°40'	7°58'	9°55'	6°10'	6 ^h 46'	26°11'	26 ^h 35'	13°R 5'	14°14'	9°35'	9°38'		
S 3	18 43 51	11° 9'54"	20°55'	27°44'	9°51'	8°36'	10° 5'	6°17'	6°44'	26°13'	26°34'	13° 5'	14°11'	9°42'	9°45'		
S 4	18 47 48	12° 7'07"	2 ^h 53'	29°33'	11° 2'	9°13'	10°14'	6°25'	6°41'	26°16'	26°33'	13° 3'	14° 8'	9°49'	9°52'		
M 5	18 51 44	13° 4'21"	15° 1'	1 ^h 20'	12°14'	9°51'	10°23'	6°32'	6°39'	26°18'	26°32'	13° 0'	14° 5'	9°55'	9°59'		
T 6	18 55 41	14° 1'35"	27°22'	3° 4'	13°26'	10°29'	10°33'	6°39'	6°36'	26°20'	26°31'	12°56'	14° 2'	10° 2'	10° 5'		
W 7	18 59 38	14°58'50"	10 ^h 0'	4°46'	14°37'	11° 6'	10°42'	6°47'	6°34'	26°22'	26°30'	12°52'	13°58'	10° 9'	10°12'		
T 8	19 3 34	15°56'04"	22°55'	6°27'	15°49'	11°44'	10°52'	6°54'	6°32'	26°24'	26°29'	12°47'	13°55'	10°15'	10°19'		
F 9	19 7 31	16°53'18"	6 ^h 09'	8° 5'	17° 0'	12°22'	11° 2'	7° 1'	6°29'	26°26'	26°28'	12°44'	13°52'	10°22'	10°26'		
S 10	19 11 27	17°50'33"	19°41'	9°40'	18°12'	12°59'	11°12'	7° 9'	6°27'	26°29'	26°27'	12°41'	13°49'	10°29'	10°33'		
S 11	19 15 24	18°47'47"	3 ^h 027'	11°14'	19°24'	13°37'	11°22'	7°16'	6°24'	26°31'	26°26'	12°40'	13°46'	10°35'	10°40'		
M12	19 19 20	19°45'02"	17°26'	12°46'	20°36'	14°15'	11°32'	7°24'	6°22'	26°33'	26°26'	12°D40'	13°43'	10°42'	10°47'		
T 13	19 23 17	20°42'16"	1 ^h 35'	14°15'	21°47'	14°53'	11°42'	7°31'	6°20'	26°35'	26°25'	12°40'	13°39'	10°49'	10°54'		
W14	19 27 13	21°39'30"	15°48'	15°42'	22°59'	15°30'	11°52'	7°39'	6°17'	26°38'	26°24'	12°42'	13°36'	10°56'	11° 1'		
T 15	19 31 10	22°36'44"	0 ^h 5'	17° 7'	24°11'	16° 8'	12° 3'	7°46'	6°15'	26°40'	26°23'	12°43'	13°33'	11° 2'	11° 8'		
F 16	19 35 7	23°33'58"	14°21'	18°29'	25°23'	16°46'	12°13'	7°54'	6°13'	26°42'	26°23'	12°44'	13°30'	11° 9'	11°15'		
S 17	19 39 3	24°31'12"	28°34'	19°50'	26°35'	17°23'	12°24'	8° 2'	6°11'	26°44'	26°22'	12°R44'	13°27'	11°16'	11°23'		
S 18	19 43 0	25°28'26"	12 ^h 42'	21° 8'	27°47'	18° 1'	12°34'	8° 9'	6° 8'	26°46'	26°21'	12°43'	13°24'	11°22'	11°30'		
M19	19 46 56	26°25'40"	26°42'	22°23'	28°59'	18°39'	12°45'	8°17'	6° 6'	26°49'	26°21'	12°42'	13°20'	11°29'	11°37'		
T 20	19 50 53	27°22'54"	10 ^h 33'	23°36'	0 ^h 511'	19°17'	12°56'	8°25'	6° 4'	26°51'	26°20'	12°40'	13°17'	11°36'	11°44'		
W21	19 54 49	28°20'08"	24°12'	24°47'	1°23'	19°54'	13° 6'	8°32'	6° 2'	26°53'	26°20'	12°38'	13°14'	11°42'	11°51'		
T 22	19 58 46	29°17'22"	7 ^h 33'	25°55'	2°36'	20°32'	13°17'	8°40'	5°59'	26°55'	26°19'	12°36'	13°11'	11°49'	11°59'		
F 23	20 2 43	0 ^h 14'37"	20°50'	27° 0'	3°48'	21°10'	13°28'	8°48'	5°57'	26°58'	26°19'	12°35'	13° 8'	11°56'	12° 6'		
S 24	20 6 39	1°11'52"	3 ^h 47'	28° 3'	5° 0'	21°48'	13°39'	8°55'	5°55'	27° 0'	26°18'	12°34'	13° 4'	12° 3'	12°13'		
S 25	20 10 36	2° 9'07"	16°28'	29° 2'	6°12'	22°25'	13°50'	9° 3'	5°53'	27° 2'	26°18'	12°D34'	13° 1'	12° 9'	12°20'		
M26	20 14 32	3° 6'23"	28°55'	29°59'	7°25'	23° 3'	14° 2'	9°11'	5°51'	27° 4'	26°17'	12°35'	12°58'	12°16'	12°28'		
T 27	20 18 29	4° 3'40"	11 ^h 8'	0 ^h 53'	8°37'	23°41'	14°13'	9°18'	5°49'	27° 6'	26°17'	12°35'	12°55'	12°23'	12°35'		
W28	20 22 25	5° 0'57"	23°12'	1°43'	9°50'	24°19'	14°24'	9°26'	5°47'	27° 9'	26°17'	12°36'	12°52'	12°29'	12°42'		
T 29	20 26 22	5°58'15"	5 ^h 7'	2°30'	11° 2'	24°56'	14°35'	9°34'	5°45'	27°11'	26°16'	12°37'	12°49'	12°36'	12°50'		
F 30	20 30 18	6°55'34"	17° 0'	3°14'	12°15'	25°34'	14°47'	9°42'	5°43'	27°13'	26°16'	12°38'	12°45'	12°43'	12°57'		
S 31	20 34 15	7 ^h 52'54"	28 ^h 52'	3 ^h 54'	13 ^h 27'	26 ^h 12'	14 ^h 58'	9 ^h 49'	5 ^h 41'	27 ^h 15'	26 ^h 16'	12 ^h 38'	12 ^h 42'	12 ^h 49'	13 ^h 05'		

Delta T = 08m50s

AUGUST 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	20 38 11	8 ^h 05'15"	10 ^h 51'	4 ^h 30'	14 ^h 40'	26 ^h 50'	15 ^h 10'	9 ^h 57'	5°R39	27 ^h 18'	26°R16	12°R38	12 ^h 39'	12 ^h 56'	13 ^h 12'		
M 2	20 42 8	9°47'37"	22°58'	5° 2'	15°52'	27°28'	15°21'	10° 5'	5 ^h 37'	27°20'	26 ^h 15'	12 ^h 38'	12°36'	13° 3'	13°19'		
T 3	20 46 5	10°44'59"	5 ^h 20'	5°30'	17° 5'	28° 5'	15°33'	10°13'	5°35'	27°22'	26°15'	12°38'	12°33'	13°10'	13°27'		
W 4	20 50 1	11°42'23"	18° 0'	5°54'	18°18'	28°43'	15°45'	10°20'	5°33'	27°24'	26°15'	12°37'	12°30'	13°16'	13°34'		
T 5	20 53 58	12°39'48"	1 ^h 0'	6°13'	19°31'	29°21'	15°57'	10°28'	5°32'	27°26'	26°15'	12°D37'	12°26'	13°23'	13°41'		
F 6	20 57 54	13°37'14"	14°24'	6°27'	20°43'	29°59'	16° 8'	10°36'	5°30'	27°28'	26°D15'	12°38'	12°23'	13°30'	13°49'		
S 7	21 1 51	14°34'41"	28° 9'	6°37'	21°56'	0 ^h 37'	16°20'	10°44'	5°28'	27°31'	26°15'	12°38'	12°20'	13°36'	13°56'		
S 8	21 5 47	15°32'09"	12 ^h 16'	6°R41	23° 9'	1°15'	16°32'	10°51'	5°26'	27°33'	26°15'	12°R38	12°17'	13°43'	14° 4'		
M 9	21 9 44	16°29'38"	26°39'	6°41'	24°22'	1°53'	16°44'	10°59'	5°25'	27°35'	26°15'	12°38'	12°14'	13°50'	14°11'		
T 10	21 13 40	17°27'08"	11 ^h 14'	6°35'	25°35'	2°31'	16°56'	11° 7'	5°23'	27°37'	26°15'	12°37'	12°10'	13°57'	14°19'		
W11	21 17 37	18°24'38"	25°55'	6°23'	26°48'	3° 8'	17° 8'	11°14'	5°22'	27°39'	26°15'	12°37'	12° 7'	14° 3'	14°26'		
T 12	21 21 34	19°22'10"	10 ^h 34'	6° 7'	28° 1'	3°46'	17°20'	11°22'	5°20'	27°41'	26°16'	12°36'	12° 4'	14°10'	14°33'		
F 13	21 25 30	20°19'42"	25° 6'	5°45'	29°14'	4°24'	17°33'	11°30'	5°19'	27°43'	26°16'	12°35'	12° 1'	14°17'	14°41'		
S 14	21 29 27	21°17'15"	9 ^h 27'	5°18'	0 ^h 27'	5° 2'	17°45'	11°37'	5°17'	27°45'	26°16'	12°35'	11°58'	14°23'	14°48'		
S 15	21 33 23	22°14'49"	23°34'	4°46'	1°41'	5°40'	17°57'	11°45'	5°16'	27°47'	26°16'	12°D35'	11°55'	14°30'	14°56'		
M16	21 37 20	23°12'23"	7 ^h 24'	4°10'	2°54'	6°18'	18° 9'	11°53'	5°14'	27°49'	26°17'	12°35'	11°51'	14°37'	15° 3'		
T 17	21 41 16	24° 9'59"	20°58'	3°29'	4° 7'	6°56'	18°22'	12° 0'	5°13'	27°52'	26°17'	12°36'	11°48'	14°43'	15°10'		
W18	21 45 13	25° 7'35"	4 ^h 16'	2°45'	5°20'	7°34'	18°34'	12° 8'	5°12'	27°54'	26°17'	12°37'	11°45'	14°50'	15°18'		
T 19	21 49 9	26° 5'12"	17°19'	1°58'	6°34'	8°12'	18°47'	12°16'	5°10'	27°56'	26°18'	12°38'	11°42'	14°57'	15°25'		
F 20	21 53 6	27° 2'51"	0 ^h 8'	1° 8'	7°47'	8°50'	18°59'	12°23'	5° 9'	27°58'	26°18'	12°39'	11°39'	15° 4'	15°33'		
S 21	21 57 3	28° 0'30"	12°44'	0°18'	9° 0'	9°28'	19°11'	12°31'	5° 8'	28° 0'	26°19'	12°R39	11°36'	15°10'	15°40'		
S 22	22 0 59	28°58'11"	25° 9'	29 ^h 26'	10°14'	10° 6'	19°24'	12°38'	5° 7'	28° 2'	26°19'	12°39	11°32'	15°17'	15°47'		
M23	22 4 56	29°55'53"	7 ^h 24'	28°36'	11°27'	10°44'	19°37'	12°46'	5° 6'	28° 4'	26°20'	12°37'	11°29'	15°24'	15°55'		
T 24	22 8 52	0 ^h 53'36"	19°30'	27°47'	12°41'	11°22'	19°49'	12°53'	5° 5'	28° 5'	26°20'	12°35'	11°26'	15°30'	16° 2'		
W25	22 12 49	1°51'21"	1 ^h 28'	27° 0'	13°54'	12° 1'	20° 2'	13° 1'	5° 4'	28° 7'	26°21'	12°32'	11°23'	15°37'	16° 9'		
T 26	22 16 45	2°49'07"	13°22'	26°18'	15° 8'	12°39'	20°14'	13° 8'	5° 3'	28° 9'	26°22'	12°29'	11°20'	15°44'	16°16'		
F 27	22 20 42	3°46'55"	25°13'	25°39'	16°22'	13°17'	20°27'	13°16'	5° 2'	28°11'	26°22'	12°26'	11°16'	15°51'	16°24'		
S 28	22 24 38	4°44'44"	7 ^h 6'	25° 7'	17°35'	13°55'	20°40'	13°23'	5° 1'	28°13'	26°23'	12°23'	11°13'	15°57'	16°31'		
S 29	22 28 35	5°42'35"	19° 3'	24°40'	18°49'	14°33'	20°52'	13°31'	5° 0'	28°15'	26°24'	12°21'	11°10'	16° 4'	16°38'		
M30	22 32 32	6°40'28"	1 ^h 11'	24°20'	20° 3'	15°11'	21° 5'	13°38'	5° 0'	28°17'	26°24'	12°D20'	11° 7'	16°11'	16°45'		
T 31	22 36 28	7 ^h 38'23"	13 ^h 27'	24 ^h 8'	21 ^h 17'	15 ^h 49'	21 ^h 18'	13 ^h 45'	4 ^h 59'	28 ^h 19'	26 ^h 25'	12 ^h 20'	11 ^h 4'	16 ^h 17'	16 ^h 52'		

Delta T = 08m50s

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SWISS EPHEMERIS for the year 2241

SEPTEMBER 2241

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	22 40 25	8 ^h 36'19"	26 ^h II 4	24°D 3	22 ^h Ω30	16 ^h ♁28	21 ^h ♁31	13 ^h Ω53	4°R58	28 ^h Ω20	26 ^h ♁26	12 ^h Ω21	11 ^h Ω 1	16 ^h Υ24	17 ^h Ω 0
T 2	22 44 21	9°34'18"	9 ^h Ω 2	24 ^h Ω 7	23°44	17° 6	21°43	14° 0	4 ^h Ω58	28°22	26°27	12°22	10°57	16°31	17° 7
F 3	22 48 18	10°32'18"	22°25	24°18	24°58	17°44	21°56	14° 7	4°57	28°24	26°28	12°24	10°54	16°38	17°14
S 4	22 52 14	11°30'20"	6 ^h Ω14	24°38	26°12	18°22	22° 9	14°14	4°57	28°26	26°29	12°R25	10°51	16°44	17°21
S 5	22 56 11	12°28'23"	20°30	25° 6	27°26	19° 1	22°22	14°21	4°56	28°27	26°30	12°25	10°48	16°51	17°28
M 6	23 0 7	13°26'29"	5 ^h ♁ 8	25°43	28°40	19°39	22°35	14°29	4°56	28°29	26°31	12°23	10°45	16°58	17°35
T 7	23 4 4	14°24'36"	20° 4	26°27	29°54	20°17	22°48	14°36	4°55	28°31	26°32	12°20	10°41	17° 4	17°42
W 8	23 8 1	15°22'44"	5 ^h Ω 8	27°19	1 ^h ♁ 8	20°56	23° 1	14°43	4°55	28°32	26°33	12°16	10°38	17°11	17°49
T 9	23 11 57	16°20'55"	20°11	28°18	2°22	21°34	23°14	14°50	4°55	28°34	26°34	12°11	10°35	17°18	17°56
F 10	23 15 54	17°19'06"	5 ^h ♁ 5	29°25	3°36	22°12	23°27	14°57	4°55	28°36	26°35	12° 6	10°32	17°24	18° 3
S 11	23 19 50	18°17'19"	19°41	0 ^h ♁38	4°51	22°51	23°40	15° 4	4°54	28°37	26°36	12° 3	10°29	17°31	18°10
S 12	23 23 47	19°15'34"	3 ^h ♁56	1°56	6° 5	23°29	23°52	15°10	4°54	28°39	26°38	12° 0	10°26	17°38	18°16
M13	23 27 43	20°13'50"	17°47	3°21	7°19	24° 8	24° 5	15°17	4°54	28°40	26°39	11°D59	10°22	17°45	18°23
T 14	23 31 40	21°12'08"	1 ^h Ω15	4°50	8°33	24°46	24°18	15°24	4°D54	28°42	26°40	11°59	10°19	17°51	18°30
W15	23 35 36	22°10'27"	14°21	6°24	9°48	25°24	24°31	15°31	4°54	28°43	26°41	12° 1	10°16	17°58	18°37
T 16	23 39 33	23° 8'48"	27° 8	8° 1	11° 2	26° 3	24°44	15°38	4°54	28°45	26°43	12° 2	10°13	18° 5	18°43
F 17	23 43 30	24° 7'10"	9 ^h Ω41	9°42	12°16	26°41	24°57	15°44	4°54	28°46	26°44	12°R 3	10°10	18°11	18°50
S 18	23 47 26	25° 5'34"	22° 1	11°26	13°31	27°20	25°10	15°51	4°55	28°48	26°45	12° 2	10° 7	18°18	18°57
S 19	23 51 23	26° 4'00"	4 ^h ♁11	13°12	14°45	27°58	25°23	15°57	4°55	28°49	26°47	12° 0	10° 3	18°25	19° 3
M20	23 55 19	27° 2'27"	16°15	15° 0	15°59	28°37	25°36	16° 4	4°55	28°51	26°48	11°55	10° 0	18°32	19°10
T 21	23 59 16	28° 0'56"	28°13	16°49	17°14	29°16	25°49	16°10	4°56	28°52	26°50	11°49	9°57	18°38	19°16
W22	0 3 12	28°59'27"	10 ^h Υ 7	18°39	18°28	29°54	26° 2	16°17	4°56	28°53	26°51	11°41	9°54	18°45	19°23
T 23	0 7 9	29°58'00"	21°59	20°31	19°43	0 ^h Ω33	26°15	16°23	4°56	28°54	26°53	11°31	9°51	18°52	19°29
F 24	0 11 5	0 ^h Ω56'34"	3 ^h Ω51	22°22	20°57	1°11	26°28	16°29	4°57	28°56	26°54	11°22	9°47	18°58	19°35
S 25	0 15 2	1°55'11"	15°44	24°14	22°12	1°50	26°41	16°36	4°57	28°57	26°56	11°13	9°44	19° 5	19°41
S 26	0 18 58	2°53'51"	27°42	26° 5	23°27	2°29	26°54	16°42	4°58	28°58	26°57	11° 6	9°41	19°12	19°48
M27	0 22 55	3°52'32"	9 ^h II47	27°57	24°41	3° 7	27° 7	16°48	4°59	28°59	26°59	11° 1	9°38	19°19	19°54
T 28	0 26 52	4°51'15"	22° 3	29°48	25°56	3°46	27°20	16°54	4°59	29° 0	27° 1	10°58	9°35	19°25	20° 0
W29	0 30 48	5°50'01"	4 ^h Ω35	1 ^h Ω39	27°10	4°25	27°33	17° 0	5° 0	29° 2	27° 2	10°D57	9°32	19°32	20° 6
T 30	0 34 45	6°48'49"	17 ^h Ω27	3 ^h Ω29	28 ^h ♁25	5 ^h Ω 4	27 ^h ♁46	17 ^h Ω 6	5 ^h Ω 1	29 ^h Ω 3	27 ^h ♁ 4	10 ^h Ω57	9 ^h Ω28	19 ^h Υ39	20 ^h Ω12

Delta T = 08m51s

OCTOBER 2241

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	0 38 41	7 ^h Ω47'39"	0 ^h Ω43	5 ^h Ω18	29 ^h ♁40	5 ^h Ω42	27 ^h ♁59	17 ^h Ω12	5 ^h Ω 2	29 ^h Ω 4	27 ^h ♁ 6	10 ^h Ω58	9 ^h Ω25	19 ^h Υ45	20 ^h Ω18
S 2	0 42 38	8°46'32"	14°27	7° 7	0 ^h Ω55	6°21	28°12	17°18	5° 3	29° 5	27° 7	10°R59	9°22	19°52	20°24
S 3	0 46 34	9°45'27"	28°38	8°55	2° 9	7° 0	28°24	17°23	5° 4	29° 6	27° 9	10°57	9°19	19°59	20°30
M 4	0 50 31	10°44'24"	13 ^h ♁17	10°42	3°24	7°39	28°37	17°29	5° 5	29° 7	27°11	10°54	9°16	20° 6	20°36
T 5	0 54 27	11°43'23"	28°19	12°28	4°39	8°18	28°50	17°35	5° 6	29° 8	27°13	10°48	9°13	20°12	20°41
W 6	0 58 24	12°42'24"	13 ^h Ω34	14°14	5°54	8°57	29° 3	17°40	5° 7	29° 9	27°15	10°39	9° 9	20°19	20°47
T 7	1 2 21	13°41'27"	28°53	15°58	7° 9	9°36	29°16	17°46	5° 8	29° 9	27°16	10°30	9° 6	20°26	20°53
F 8	1 6 17	14°40'32"	14 ^h ♁ 4	17°42	8°24	10°15	29°28	17°51	5° 9	29°10	27°18	10°21	9° 3	20°32	20°58
S 9	1 10 14	15°39'39"	28°57	19°25	9°38	10°54	29°41	17°56	5°10	29°11	27°20	10°12	9° 0	20°39	21° 4
S 10	1 14 10	16°38'48"	13 ^h ♁25	21° 7	10°53	11°33	29°54	18° 2	5°12	29°12	27°22	10° 6	8°57	20°46	21° 9
M11	1 18 7	17°37'58"	27°24	22°49	12° 8	12°12	0 ^h Ω 7	18° 7	5°13	29°13	27°24	10° 2	8°53	20°53	21°14
T 12	1 22 3	18°37'11"	10 ^h Ω55	24°29	13°23	12°51	0°19	18°12	5°15	29°13	27°26	10° 0	8°50	20°59	21°20
W13	1 26 0	19°36'25"	23°59	26° 9	14°38	13°30	0°32	18°17	5°16	29°14	27°28	10°D 0	8°47	21° 6	21°25
T 14	1 29 56	20°35'41"	6 ^h Ω41	27°48	15°53	14° 9	0°44	18°22	5°18	29°15	27°30	10°R 0	8°44	21°13	21°30
F 15	1 33 53	21°34'58"	19° 6	29°26	17° 8	14°48	0°57	18°27	5°19	29°15	27°32	10° 0	8°41	21°19	21°35
S 16	1 37 50	22°34'17"	1 ^h ♁16	1 ^h ♁ 3	18°23	15°27	1°10	18°31	5°21	29°16	27°34	9°58	8°38	21°26	21°40
S 17	1 41 46	23°33'38"	13°18	2°40	19°38	16° 6	1°22	18°36	5°22	29°16	27°36	9°54	8°34	21°33	21°45
M18	1 45 43	24°33'01"	25°14	4°16	20°53	16°46	1°35	18°41	5°24	29°17	27°38	9°46	8°31	21°40	21°50
T 19	1 49 39	25°32'26"	7 ^h Υ 6	5°52	22° 8	17°25	1°47	18°45	5°26	29°17	27°40	9°36	8°28	21°46	21°54
W20	1 53 36	26°31'53"	18°58	7°26	23°23	18° 4	1°59	18°50	5°28	29°18	27°43	9°23	8°25	21°53	21°59
T 21	1 57 32	27°31'21"	0 ^h Ω51	9° 0	24°38	18°43	2°12	18°54	5°29	29°18	27°45	9°10	8°22	22° 0	22° 4
F 22	2 1 29	28°30'52"	12°46	10°34	25°53	19°23	2°24	18°58	5°31	29°19	27°47	8°55	8°18	22° 6	22° 8
S 23	2 5 25	29°30'25"	24°44	12° 6	27° 8	20° 2	2°36	19° 2	5°33	29°19	27°49	8°42	8°15	22°13	22°13
S 24	2 9 22	0 ^h ♁30'00"	6 ^h II47	13°39	28°23	20°41	2°48	19° 6	5°35	29°19	27°51	8°30	8°12	22°20	22°17
M25	2 13 18	1°29'37"	18°57	15°10	29°38	21°21	3° 1	19°10	5°37	29°19	27°53	8°22	8° 9	22°27	22°21
T 26	2 17 15	2°29'16"	1 ^h Ω16	16°41	0 ^h ♁54	22° 0	3°13	19°14	5°39	29°20	27°56	8°16	8° 6	22°33	22°26
W27	2 21 12	3°28'58"	13°49	18°11	2° 9	22°40	3°25	19°18	5°41	29°20	27°58	8°13	8° 3	22°40	22°30
T 28	2 25 8	4°28'42"	26°38	19°41	3°24	23°19	3°37	19°22	5°43	29°20	28° 0	8°12	7°59	22°47	22°34
F 29	2 29 5	5°28'28"	9 ^h Ω47	21°10	4°39	23°58	3°49	19°26	5°46	29°20	28° 2	8°11	7°56	22°53	22°38
S 30	2 33 1	6°28'16"	23°20	22°39	5°54	24°38	4° 1	19°29	5°48	29°20	28° 5	8°11	7°53	23° 0	22°42
S 31	2 36 58	7 ^h ♁28'07"	7 ^h ♁20	24 ^h ♁ 7	7 ^h ♁ 9	25 ^h Ω18	4 ^h Ω13	19 ^h Ω33	5 ^h Ω50	29 ^h Ω20	28 ^h ♁ 7	8 ^h Ω 9	7 ^h Ω50	23 ^h Υ 7	22 ^h Ω45

Delta T = 08m51s

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SWISS EPHEMERIS for the year 2241

NOVEMBER 2241

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	2 40 54	8♌27'59	21♍47	25♎34	8♏25	25♐57	4♑24	19♒36	5♓52	29♔21	28♕9	8°R 5	7♖47	23♗14	22♘49		
T 2	2 44 51	9°27'54	6♌38	27° 1	9°40	26°37	4°36	19°39	5°55	29°R21	28°11	7♖58	7°44	23°20	22°53		
W 3	2 48 47	10°27'51	21°47	28°27	10°55	27°16	4°48	19°42	5°57	29°R20	28°14	7°48	7°40	23°27	22°56		
T 4	2 52 44	11°27'50	7♌4	29°52	12°10	27°56	4°59	19°45	5°59	29°20	28°16	7°37	7°37	23°34	23° 0		
F 5	2 56 41	12°27'51	22°18	1♌17	13°25	28°36	5°11	19°48	6° 2	29°20	28°18	7°25	7°34	23°41	23° 3		
S 6	3 0 37	13°27'54	7♌18	2°40	14°41	29°16	5°22	19°51	6° 4	29°20	28°21	7°14	7°31	23°47	23° 6		
S 7	3 4 34	14°27'58	21°55	4° 3	15°56	29°55	5°34	19°54	6° 7	29°20	28°23	7° 6	7°28	23°54	23° 9		
M 8	3 8 30	15°28'04	6♌4	5°25	17°11	0♌35	5°45	19°57	6°10	29°20	28°25	7° 1	7°24	24° 1	23°12		
T 9	3 12 27	16°28'12	19°42	6°47	18°26	1°15	5°57	19°59	6°12	29°20	28°28	6°58	7°21	24° 7	23°15		
W10	3 16 23	17°28'21	2♌52	8° 7	19°42	1°55	6° 8	20° 2	6°15	29°19	28°30	6°D57	7°18	24°14	23°18		
T 11	3 20 20	18°28'32	15°37	9°26	20°57	2°35	6°19	20° 4	6°17	29°19	28°33	6°R57	7°15	24°21	23°21		
F 12	3 24 16	19°28'44	28° 1	10°43	22°12	3°14	6°30	20° 6	6°20	29°19	28°35	6°57	7°12	24°28	23°24		
S 13	3 28 13	20°28'58	10♌10	12° 0	23°27	3°54	6°41	20° 8	6°23	29°18	28°37	6°55	7° 9	24°34	23°26		
S 14	3 32 10	21°29'13	22° 9	13°15	24°43	4°34	6°52	20°10	6°26	29°18	28°40	6°51	7° 5	24°41	23°29		
M15	3 36 6	22°29'30	4♌1	14°28	25°58	5°14	7° 3	20°12	6°29	29°18	28°42	6°44	7° 2	24°48	23°31		
T 16	3 40 3	23°29'48	15°52	15°39	27°13	5°54	7°14	20°14	6°31	29°17	28°44	6°35	6°59	24°54	23°33		
W17	3 43 59	24°30'07	27°44	16°48	28°29	6°34	7°24	20°16	6°34	29°17	28°47	6°23	6°56	25° 1	23°35		
T 18	3 47 56	25°30'28	9♌40	17°54	29°44	7°14	7°35	20°17	6°37	29°16	28°49	6°10	6°53	25° 8	23°37		
F 19	3 51 52	26°30'51	21°40	18°58	0♌59	7°54	7°45	20°19	6°40	29°15	28°52	5°56	6°50	25°15	23°39		
S 20	3 55 49	27°31'16	3♌47	19°59	2°14	8°35	7°56	20°20	6°43	29°15	28°54	5°43	6°46	25°21	23°41		
S 21	3 59 45	28°31'42	16° 1	20°56	3°30	9°15	8° 6	20°21	6°46	29°14	28°56	5°32	6°43	25°28	23°43		
M22	4 3 42	29°32'09	28°23	21°49	4°45	9°55	8°17	20°22	6°49	29°14	28°59	5°24	6°40	25°35	23°45		
T 23	4 7 39	0♌32'39	10♌54	22°38	6° 0	10°35	8°27	20°23	6°52	29°13	29° 1	5°19	6°37	25°41	23°46		
W24	4 11 35	1°33'10	23°36	23°21	7°16	11°15	8°37	20°24	6°55	29°12	29° 4	5°16	6°34	25°48	23°48		
T 25	4 15 32	2°33'43	6♌31	23°59	8°31	11°56	8°47	20°25	6°58	29°11	29° 6	5°D15	6°30	25°55	23°49		
F 26	4 19 28	3°34'17	19°42	24°31	9°46	12°36	8°57	20°26	7° 2	29°11	29° 8	5°16	6°27	26° 2	23°50		
S 27	4 23 25	4°34'54	3♌12	24°55	11° 1	13°16	9° 6	20°26	7° 5	29°10	29°11	5°R16	6°24	26° 8	23°51		
S 28	4 27 21	5°35'31	17° 2	25°12	12°17	13°57	9°16	20°27	7° 8	29° 9	29°13	5°16	6°21	26°15	23°52		
M29	4 31 18	6°36'11	1♌13	25°R20	13°32	14°37	9°26	20°27	7°11	29° 8	29°16	5°13	6°18	26°22	23°53		
T 30	4 35 14	7♌36'52	15♌45	25♌18	14♌47	15♌17	9♌35	20♌28	7♌14	29♌7	29♌18	5♌8	6♌15	26♌29	23♌54		

Delta T = 08m51s

DECEMBER 2241

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	4 39 11	8♌37'35	0♌32	25°R 7	16♌3	15♌58	9♌45	20♌28	7♌18	29°R 6	29♌20	5°R 1	6♌11	26♌35	23♌55		
T 2	4 43 8	9°38'20	15°30	24♌44	17°18	16°38	9°54	20°R28	7°21	29♌5	29°23	4♌52	6° 8	26°42	23°55		
F 3	4 47 4	10°39'06	0♌28	24°11	18°33	17°19	10° 3	20°28	7°24	29° 4	29°25	4°43	6° 5	26°49	23°56		
S 4	4 51 1	11°39'53	15°18	23°27	19°49	18° 0	10°12	20°27	7°28	29° 3	29°28	4°35	6° 2	26°55	23°56		
S 5	4 54 57	12°40'41	29°51	22°33	21° 4	18°40	10°21	20°27	7°31	29° 2	29°30	4°29	5°59	27° 2	23°56		
M 6	4 58 54	13°41'31	14♌3	21°28	22°19	19°21	10°30	20°27	7°34	29° 1	29°32	4°24	5°56	27° 9	23°57		
T 7	5 2 50	14°42'22	27° 43	20°16	23°35	20° 1	10°39	20°26	7°38	29° 0	29°35	4°23	5°52	27°16	23°R57		
W 8	5 6 47	15°43'13	10♌58	18°58	24°50	20°42	10°47	20°25	7°41	28°59	29°37	4°D23	5°49	27°22	23°57		
T 9	5 10 44	16°44'05	23°49	17°36	26° 5	21°23	10°56	20°25	7°44	28°58	29°39	4°24	5°46	27°29	23°56		
F 10	5 14 40	17°44'58	6♌18	16°13	27°21	22° 4	11° 4	20°24	7°48	28°57	29°42	4°25	5°43	27°36	23°56		
S 11	5 18 37	18°45'52	18°30	14°52	28°36	22°44	11°12	20°23	7°51	28°56	29°44	4°R26	5°40	27°42	23°56		
S 12	5 22 33	19°46'47	0♌30	13°36	29°51	23°25	11°20	20°22	7°55	28°54	29°46	4°25	5°36	27°49	23°55		
M13	5 26 30	20°47'42	12°23	12°26	1♌7	24° 6	11°28	20°20	7°58	28°53	29°49	4°22	5°33	27°56	23°55		
T 14	5 30 26	21°48'38	24°14	11°25	2°22	24°47	11°36	20°19	8° 2	28°52	29°51	4°18	5°30	28° 3	23°54		
W15	5 34 23	22°49'34	6♌8	10°35	3°37	25°28	11°44	20°18	8° 5	28°51	29°53	4°11	5°27	28° 9	23°53		
T 16	5 38 19	23°50'32	18° 6	9°56	4°53	26° 9	11°51	20°16	8° 9	28°49	29°55	4° 4	5°24	28°16	23°52		
F 17	5 42 16	24°51'30	0♌13	9°27	6° 8	26°50	11°59	20°15	8°12	28°48	29°58	3°56	5°21	28°23	23°51		
S 18	5 46 13	25°52'28	12°29	9°10	7°23	27°31	12° 6	20°13	8°16	28°47	0♌0	3°49	5°17	28°30	23°50		
S 19	5 50 9	26°53'28	24°57	9°D 4	8°39	28°12	12°13	20°11	8°19	28°45	0° 2	3°43	5°14	28°36	23°49		
M20	5 54 6	27°54'28	7♌36	9° 8	9°54	28°53	12°20	20° 9	8°23	28°44	0° 4	3°38	5°11	28°43	23°47		
T 21	5 58 2	28°55'29	20°26	9°21	11° 9	29°34	12°27	20° 7	8°27	28°42	0° 6	3°35	5° 8	28°50	23°46		
W22	6 1 59	29°56'31	3♌28	9°43	12°24	0♌15	12°34	20° 5	8°30	28°41	0° 9	3°D35	5° 5	28°56	23°44		
T 23	6 5 55	0♌57'33	16°42	10°12	13°40	0°56	12°40	20° 3	8°34	28°40	0°11	3°35	5° 2	29° 3	23°43		
F 24	6 9 52	1°58'37	0♌8	10°49	14°55	1°37	12°47	20° 0	8°37	28°38	0°13	3°37	4°58	29°10	23°41		
S 25	6 13 48	2°59'41	13°46	11°31	16°10	2°18	12°53	19°58	8°41	28°37	0°15	3°38	4°55	29°17	23°39		
S 26	6 17 45	4° 0'45	27°37	12°19	17°26	3° 0	12°59	19°55	8°45	28°35	0°17	3°R39	4°52	29°23	23°37		
M27	6 21 42	5° 1'51	11♌41	13°13	18°41	3°41	13° 5	19°52	8°48	28°34	0°19	3°39	4°49	29°30	23°35		
T 28	6 25 38	6° 2'57	25°57	14°10	19°56	4°22	13°11	19°50	8°52	28°32	0°21	3°38	4°46	29°37	23°33		
W29	6 29 35	7° 4'05	10♌21	15°11	21°11	5° 3	13°17	19°47	8°55	28°31	0°23	3°36	4°42	29°44	23°31		
T 30	6 33 31	8° 5'12	24°51	16°16	22°27	5°45	13°22	19°44	8°59	28°29	0°25	3°32	4°39	29°50	23°28		
F 31	6 37 28	9♌6'21	9♌21	17♌23	23♌42	6♌26	13♌28	19♌41	9♌3	28♌27	0♌27	3♌28	4♌36	29♌57	23♌26		

Delta T = 08m51s

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