

SWISS EPHEMERIS for the year 3328 BCE

JANUARY 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	4 54 10	16 [♌] 13'33	25 [♋] 51	24 [♊] 5	0 [♐] 14	12 [♏] 29	16 [♎] 13	9 [♑] R12	7 [♑] R 8	24 [♑] R10	21 [♑] 12	22 [♑] R16	21 [♑] 9	21 [♑] 40	n.a.
F 2	4 58 6	17 [♌] 13'42	9 [♋] 6	25 [♊] 59	1 [♐] 19	13 [♏] 15	16 [♎] 26	9 [♑] 9	7 [♑] 6	24 [♑] 9	21 [♑] 13	22 [♑] 8	21 [♑] 6	21 [♑] 46	n.a.
S 3	5 2 3	18 [♌] 13'49	22 [♋] 32	27 [♊] 53	2 [♐] 24	14 [♏] 1	16 [♎] 40	9 [♑] 6	7 [♑] 3	24 [♑] 8	21 [♑] 13	22 [♑] 3	21 [♑] 3	21 [♑] 53	n.a.
S 4	5 5 59	19 [♌] 13'54	6 [♋] 10	29 [♊] 46	3 [♐] 30	14 [♏] 48	16 [♎] 53	9 [♑] 2	7 [♑] 1	24 [♑] 6	21 [♑] 14	22 [♑] 0	21 [♑] 0	22 [♑] 0	n.a.
M 5	5 9 56	20 [♌] 13'55	20 [♋] 0	1 [♊] 38	4 [♐] 35	15 [♏] 34	17 [♎] 7	8 [♑] 59	6 [♑] 58	24 [♑] 5	21 [♑] 15	21 [♑] D59	20 [♑] 57	22 [♑] 6	n.a.
T 6	5 13 52	21 [♌] 13'55	4 [♋] 3	3 [♊] 29	5 [♐] 41	16 [♏] 20	17 [♎] 20	8 [♑] 56	6 [♑] 56	24 [♑] 4	21 [♑] 16	22 [♑] 0	20 [♑] 53	22 [♑] 13	n.a.
W 7	5 17 49	22 [♌] 13'52	18 [♋] 17	5 [♊] 19	6 [♐] 47	17 [♏] 7	17 [♎] 34	8 [♑] 53	6 [♑] 53	24 [♑] 2	21 [♑] 16	22 [♑] R 0	20 [♑] 50	22 [♑] 20	n.a.
T 8	5 21 45	23 [♌] 13'46	2 [♋] 42	7 [♊] 7	7 [♐] 53	17 [♏] 53	17 [♎] 48	8 [♑] 51	6 [♑] 51	24 [♑] 1	21 [♑] 17	22 [♑] 0	20 [♑] 47	22 [♑] 26	n.a.
F 9	5 25 42	24 [♌] 13'39	17 [♋] 15	8 [♊] 52	8 [♐] 59	18 [♏] 39	18 [♎] 1	8 [♑] 48	6 [♑] 48	24 [♑] 0	21 [♑] 18	21 [♑] 58	20 [♑] 44	22 [♑] 33	n.a.
S 10	5 29 39	25 [♌] 13'28	1 [♋] 49	10 [♊] 35	10 [♐] 6	19 [♏] 26	18 [♎] 15	8 [♑] 45	6 [♑] 46	23 [♑] 58	21 [♑] 19	21 [♑] 53	20 [♑] 41	22 [♑] 39	n.a.
S 11	5 33 35	26 [♌] 13'16	16 [♋] 21	12 [♊] 14	11 [♐] 12	20 [♏] 12	18 [♎] 29	8 [♑] 43	6 [♑] 43	23 [♑] 57	21 [♑] 20	21 [♑] 45	20 [♑] 37	22 [♑] 46	n.a.
M12	5 37 32	27 [♌] 13'01	0 [♋] 42	13 [♊] 49	12 [♐] 19	20 [♏] 58	18 [♎] 43	8 [♑] 40	6 [♑] 41	23 [♑] 56	21 [♑] 21	21 [♑] 35	20 [♑] 34	22 [♑] 53	n.a.
T 13	5 41 28	28 [♌] 12'44	14 [♋] 47	15 [♊] 20	13 [♐] 26	21 [♏] 45	18 [♎] 56	8 [♑] 38	6 [♑] 38	23 [♑] 54	21 [♑] 21	21 [♑] 24	20 [♑] 31	22 [♑] 59	n.a.
W14	5 45 25	29 [♌] 12'25	28 [♋] 31	16 [♊] 46	14 [♐] 33	22 [♏] 31	19 [♎] 10	8 [♑] 36	6 [♑] 36	23 [♑] 53	21 [♑] 22	21 [♑] 13	20 [♑] 28	23 [♑] 6	n.a.
T 15	5 49 21	0 [♋] 12'04	11 [♋] 50	18 [♊] 7	15 [♐] 40	23 [♏] 18	19 [♎] 24	8 [♑] 34	6 [♑] 33	23 [♑] 51	21 [♑] 23	21 [♑] 4	20 [♑] 25	23 [♑] 13	n.a.
F 16	5 53 18	1 [♋] 11'41	24 [♋] 46	19 [♊] 21	16 [♐] 48	24 [♏] 4	19 [♎] 38	8 [♑] 31	6 [♑] 31	23 [♑] 50	21 [♑] 24	20 [♑] 56	20 [♑] 22	23 [♑] 19	n.a.
S 17	5 57 14	2 [♋] 11'15	7 [♋] 18	20 [♊] 29	17 [♐] 55	24 [♏] 50	19 [♎] 52	8 [♑] 30	6 [♑] 28	23 [♑] 48	21 [♑] 25	20 [♑] 51	20 [♑] 18	23 [♑] 26	n.a.
S 18	6 1 11	3 [♋] 10'48	19 [♋] 32	21 [♊] 31	19 [♐] 3	25 [♏] 37	20 [♎] 6	8 [♑] 28	6 [♑] 25	23 [♑] 47	21 [♑] 26	20 [♑] 48	20 [♑] 15	23 [♑] 33	n.a.
M19	6 5 8	4 [♋] 10'19	1 [♋] 32	22 [♊] 25	20 [♐] 11	26 [♏] 23	20 [♎] 20	8 [♑] 26	6 [♑] 23	23 [♑] 45	21 [♑] 27	20 [♑] D47	20 [♑] 12	23 [♑] 39	n.a.
T 20	6 9 4	5 [♋] 9'47	13 [♋] 23	23 [♊] 11	21 [♐] 18	27 [♏] 9	20 [♎] 34	8 [♑] 24	6 [♑] 20	23 [♑] 44	21 [♑] 28	20 [♑] 47	20 [♑] 9	23 [♑] 46	n.a.
W21	6 13 1	6 [♋] 9'14	25 [♋] 10	23 [♊] 50	22 [♐] 26	27 [♏] 56	20 [♎] 48	8 [♑] 23	6 [♑] 18	23 [♑] 42	21 [♑] 29	20 [♑] R47	20 [♑] 6	23 [♑] 53	n.a.
T 22	6 16 57	7 [♋] 8'39	6 [♋] 15	24 [♊] 21	23 [♐] 34	28 [♏] 42	21 [♎] 2	8 [♑] 21	6 [♑] 15	23 [♑] 41	21 [♑] 30	20 [♑] 46	20 [♑] 2	23 [♑] 59	n.a.
F 23	6 20 54	8 [♋] 8'01	18 [♋] 59	24 [♊] 44	24 [♐] 43	29 [♏] 29	21 [♎] 16	8 [♑] 20	6 [♑] 12	23 [♑] 39	21 [♑] 31	20 [♑] 43	19 [♑] 59	24 [♑] 6	n.a.
S 24	6 24 50	9 [♋] 7'22	1 [♋] 3	24 [♊] 58	25 [♐] 51	0 [♏] 15	21 [♎] 31	8 [♑] 19	6 [♑] 10	23 [♑] 37	21 [♑] 32	20 [♑] 37	19 [♑] 56	24 [♑] 12	n.a.
S 25	6 28 47	10 [♋] 6'41	13 [♋] 25	25 [♊] R 5	26 [♐] 59	1 [♏] 1	21 [♎] 45	8 [♑] 18	6 [♑] 7	23 [♑] 36	21 [♑] 33	20 [♑] 29	19 [♑] 53	24 [♑] 19	n.a.
M26	6 32 43	11 [♋] 5'57	26 [♋] 3	25 [♊] 3	28 [♐] 8	1 [♏] 48	21 [♎] 59	8 [♑] 17	6 [♑] 5	23 [♑] 34	21 [♑] 34	20 [♑] 18	19 [♑] 50	24 [♑] 26	n.a.
T 27	6 36 40	12 [♋] 5'11	8 [♋] 58	24 [♊] 54	29 [♐] 16	2 [♏] 34	22 [♎] 13	8 [♑] 16	6 [♑] 2	23 [♑] 33	21 [♑] 35	20 [♑] 5	19 [♑] 47	24 [♑] 32	n.a.
W28	6 40 37	13 [♋] 4'23	22 [♋] 10	24 [♊] 38	0 [♏] 25	3 [♏] 20	22 [♎] 27	8 [♑] 15	5 [♑] 9	23 [♑] 31	21 [♑] 37	19 [♑] 52	19 [♑] 43	24 [♑] 39	n.a.
T 29	6 44 33	14 [♋] 3'33	5 [♋] 35	24 [♊] 14	1 [♏] 34	4 [♏] 7	22 [♎] 42	8 [♑] 14	5 [♑] 7	23 [♑] 29	21 [♑] 38	19 [♑] 40	19 [♑] 40	24 [♑] 46	n.a.
F 30	6 48 30	15 [♋] 2'40	19 [♋] 13	23 [♊] 45	2 [♏] 43	4 [♏] 53	22 [♎] 56	8 [♑] 14	5 [♑] 4	23 [♑] 28	21 [♑] 39	19 [♑] 29	19 [♑] 37	24 [♑] 52	n.a.
S 31	6 52 26	16 [♋] 1'45	3 [♋] 0	23 [♊] 10	3 [♏] 52	5 [♏] 39	23 [♎] 10	8 [♑] 14	5 [♑] 52	23 [♑] 26	21 [♑] 40	19 [♑] D21	19 [♑] D34	24 [♑] D59	n.a.

Delta T = 24h43m15s Julian Calendar 1 Jan. 3328 BCE == Greg. Calendar 5 Dec. 3329 BCE
 The year -3327 astronomical counting style corresponds to year 3328 B.C.E historical counting style.

FEBRUARY 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	6 56 23	17 [♋] 0'47	16 [♋] 54	22 [♊] R30	5 [♏] 1	6 [♏] 26	23 [♎] 24	8 [♑] R13	5 [♑] R49	23 [♑] R25	21 [♑] 41	19 [♑] R17	19 [♑] D31	25 [♑] 6	n.a.
M 2	7 0 19	17 [♋] 59'47	0 [♋] 53	21 [♊] 46	6 [♏] 10	7 [♏] 12	23 [♎] 39	8 [♑] 13	5 [♑] 47	23 [♑] D23	21 [♑] 42	19 [♑] D14	19 [♑] 28	25 [♑] 12	n.a.
T 3	7 4 16	18 [♋] 58'44	14 [♋] 55	20 [♊] 59	7 [♏] 19	7 [♏] 58	23 [♎] 53	8 [♑] 13	5 [♑] 44	23 [♑] 21	21 [♑] 43	19 [♑] 14	19 [♑] 24	25 [♑] 19	n.a.
W 4	7 8 12	19 [♋] 57'39	29 [♋] 2	20 [♊] 10	8 [♏] 28	8 [♏] 44	24 [♎] 7	8 [♑] D13	5 [♑] 42	23 [♑] 20	21 [♑] 45	19 [♑] 14	19 [♑] 21	25 [♑] 26	n.a.
T 5	7 12 9	20 [♋] 56'31	13 [♋] 11	19 [♊] 20	9 [♏] 37	9 [♏] 31	24 [♎] 21	8 [♑] 13	5 [♑] 39	23 [♑] 18	21 [♑] 46	19 [♑] 13	19 [♑] 18	25 [♑] 32	n.a.
F 6	7 16 6	21 [♋] 55'21	27 [♋] 21	18 [♊] 31	10 [♏] 47	10 [♏] 17	24 [♎] 36	8 [♑] 13	5 [♑] 37	23 [♑] 16	21 [♑] 47	19 [♑] 10	19 [♑] 15	25 [♑] 39	n.a.
S 7	7 20 2	22 [♋] 54'08	11 [♋] 11	17 [♊] 42	11 [♏] 56	11 [♏] 3	24 [♎] 50	8 [♑] 14	5 [♑] 34	23 [♑] 15	21 [♑] 48	19 [♑] 4	19 [♑] 12	25 [♑] 46	n.a.
S 8	7 23 59	23 [♋] 52'53	25 [♋] 34	16 [♊] 55	13 [♏] 5	11 [♏] 49	25 [♎] 4	8 [♑] 14	5 [♑] 32	23 [♑] 13	21 [♑] 50	18 [♑] 55	19 [♑] 8	25 [♑] 52	n.a.
M 9	7 27 55	24 [♋] 51'35	9 [♋] 30	16 [♊] 11	14 [♏] 15	12 [♏] 35	25 [♎] 19	8 [♑] 14	5 [♑] 29	23 [♑] 11	21 [♑] 51	18 [♑] 44	19 [♑] 5	25 [♑] 59	n.a.
T 10	7 31 52	25 [♋] 50'16	23 [♋] 14	15 [♊] 30	15 [♏] 25	13 [♏] 22	25 [♎] 33	8 [♑] 15	5 [♑] 27	23 [♑] 10	21 [♑] 52	18 [♑] 32	19 [♑] 2	26 [♑] 6	n.a.
W11	7 35 48	26 [♋] 48'54	6 [♋] 14	14 [♊] 53	16 [♏] 34	14 [♏] 8	25 [♎] 47	8 [♑] 16	5 [♑] 24	23 [♑] 8	21 [♑] 53	18 [♑] 20	18 [♑] 59	26 [♑] 12	n.a.
T 12	7 39 45	27 [♋] 47'29	19 [♋] 50	14 [♊] 20	17 [♏] 44	14 [♏] 54	26 [♎] 2	8 [♑] 17	5 [♑] 22	23 [♑] 7	21 [♑] 55	18 [♑] 9	18 [♑] 56	26 [♑] 19	n.a.
F 13	7 43 41	28 [♋] 46'03	2 [♋] 39	13 [♊] 53	18 [♏] 54	15 [♏] 40	26 [♎] 16	8 [♑] 18	5 [♑] 20	23 [♑] 5	21 [♑] 56	18 [♑] 0	18 [♑] 53	26 [♑] 25	n.a.
S 14	7 47 38	29 [♋] 44'35	15 [♋] 8	13 [♊] 30	20 [♏] 4	16 [♏] 26	26 [♎] 30	8 [♑] 19	5 [♑] 17	23 [♑] 3	21 [♑] 57	17 [♑] 53	18 [♑] 49	26 [♑] 32	n.a.
S 15	7 51 35	0 [♋] 43'05	27 [♋] 21	13 [♊] 12	21 [♏] 14	17 [♏] 12	26 [♎] 44	8 [♑] 20	5 [♑] 15	23 [♑] 2	21 [♑] 58	17 [♑] 49	18 [♑] 46	26 [♑] 39	n.a.
M16	7 55 31	1 [♋] 41'32	9 [♋] 21	13 [♊] 0	22 [♏] 24	17 [♏] 58	26 [♎] 59	8 [♑] 21	5 [♑] 13	23 [♑] 0	22 [♑] 0	17 [♑] 48	18 [♑] 43	26 [♑] 45	n.a.

SWISS EPHEMERIS for the year 3328 BCE

MARCH 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	8 46 46	14 ^h 18'48"	27 ^h 15'	17 ^h 34'	7 ^h 38'	27 ^h 54'	0 ^h 3'	8 ^h 48'	4 ^h R46	22 ^h R40	22 ^h 17'	16 ^h R34	18 ^h 2'	28 ^h 12'	n.a.
M 2	8 50 43	15 ^h 16'50"	11 ^h 34'	18 ^h 33'	8 ^h 49'	28 ^h 40'	0 ^h 17'	8 ^h 50'	4 ^h 45'	22 ^h 38'	22 ^h 19'	16 ^h D32	17 ^h 59'	28 ^h 18'	n.a.
T 3	8 54 39	16 ^h 14'49"	25 ^h 50'	19 ^h 26'	9 ^h 59'	29 ^h 25'	0 ^h 31'	8 ^h 53'	4 ^h 43'	22 ^h 37'	22 ^h 20'	16 ^h 32'	17 ^h 55'	28 ^h 25'	n.a.
W 4	8 58 36	17 ^h 12'46"	10 ^h 8'	20 ^h 23'	11 ^h 10'	0 ^h 31'	0 ^h 45'	8 ^h 56'	4 ^h 41'	22 ^h 35'	22 ^h 21'	16 ^h 33'	17 ^h 52'	28 ^h 32'	n.a.
T 5	9 2 33	18 ^h 10'42"	24 ^h 6'	21 ^h 23'	12 ^h 21'	0 ^h 56'	0 ^h 59'	8 ^h 59'	4 ^h 40'	22 ^h 34'	22 ^h 23'	16 ^h R33	17 ^h 49'	28 ^h 38'	n.a.
F 6	9 6 29	19 ^h 8'35"	8 ^h II	22 ^h 25'	13 ^h 32'	1 ^h 42'	1 ^h 13'	9 ^h 2'	4 ^h 38'	22 ^h 32'	22 ^h 24'	16 ^h 31'	17 ^h 46'	28 ^h 45'	n.a.
S 7	9 10 26	20 ^h 6'26"	21 ^h 55'	23 ^h 30'	14 ^h 42'	2 ^h 27'	1 ^h 27'	9 ^h 6'	4 ^h 36'	22 ^h 31'	22 ^h 25'	16 ^h 28'	17 ^h 43'	28 ^h 52'	n.a.
S 8	9 14 22	21 ^h 4'15"	5 ^h 36'	24 ^h 38'	15 ^h 53'	3 ^h 13'	1 ^h 40'	9 ^h 9'	4 ^h 35'	22 ^h 29'	22 ^h 27'	16 ^h 22'	17 ^h 40'	28 ^h 58'	n.a.
M 9	9 18 19	22 ^h 2'02"	19 ^h 7'	25 ^h 49'	17 ^h 4'	3 ^h 58'	1 ^h 54'	9 ^h 12'	4 ^h 33'	22 ^h 28'	22 ^h 28'	16 ^h 14'	17 ^h 36'	29 ^h 5'	n.a.
T 10	9 22 15	22 ^h 59'47"	2 ^h 25'	27 ^h 2'	18 ^h 15'	4 ^h 43'	2 ^h 8'	9 ^h 16'	4 ^h 32'	22 ^h 27'	22 ^h 30'	16 ^h 5'	17 ^h 33'	29 ^h 12'	n.a.
W11	9 26 12	23 ^h 57'30"	15 ^h 30'	28 ^h 17'	19 ^h 26'	5 ^h 28'	2 ^h 22'	9 ^h 19'	4 ^h 30'	22 ^h 25'	22 ^h 31'	15 ^h 56'	17 ^h 30'	29 ^h 18'	n.a.
T 12	9 30 8	24 ^h 55'12"	28 ^h 20'	29 ^h 35'	20 ^h 37'	6 ^h 14'	2 ^h 36'	9 ^h 23'	4 ^h 29'	22 ^h 24'	22 ^h 32'	15 ^h 48'	17 ^h 27'	29 ^h 25'	n.a.
F 13	9 34 5	25 ^h 52'52"	10 ^h 55'	0 ^h 56'	21 ^h 48'	6 ^h 59'	2 ^h 49'	9 ^h 27'	4 ^h 28'	22 ^h 23'	22 ^h 34'	15 ^h 41'	17 ^h 24'	29 ^h 32'	n.a.
S 14	9 38 2	26 ^h 50'31"	23 ^h 15'	2 ^h 18'	22 ^h 59'	7 ^h 44'	3 ^h 3'	9 ^h 31'	4 ^h 26'	22 ^h 21'	22 ^h 35'	15 ^h 36'	17 ^h 20'	29 ^h 38'	n.a.
S 15	9 41 58	27 ^h 48'08"	5 ^h 22'	3 ^h 43'	24 ^h 10'	8 ^h 29'	3 ^h 16'	9 ^h 35'	4 ^h 25'	22 ^h 20'	22 ^h 37'	15 ^h 34'	17 ^h 17'	29 ^h 45'	n.a.
M16	9 45 55	28 ^h 45'44"	17 ^h 19'	5 ^h 10'	25 ^h 21'	9 ^h 14'	3 ^h 30'	9 ^h 39'	4 ^h 24'	22 ^h 19'	22 ^h 38'	15 ^h D33	17 ^h 14'	29 ^h 52'	n.a.
T 17	9 49 51	29 ^h 43'18"	29 ^h 10'	6 ^h 39'	26 ^h 33'	9 ^h 59'	3 ^h 44'	9 ^h 43'	4 ^h 23'	22 ^h 17'	22 ^h 39'	15 ^h 34'	17 ^h 11'	29 ^h 58'	n.a.
W18	9 53 48	0 ^h 40'51"	10 ^h 58'	8 ^h 10'	27 ^h 44'	10 ^h 44'	3 ^h 57'	9 ^h 47'	4 ^h 22'	22 ^h 16'	22 ^h 41'	15 ^h 36'	17 ^h 8'	0 ^h 5'	n.a.
T 19	9 57 44	1 ^h 38'23"	22 ^h 49'	9 ^h 44'	28 ^h 55'	11 ^h 29'	4 ^h 10'	9 ^h 51'	4 ^h 21'	22 ^h 15'	22 ^h 42'	15 ^h 37'	17 ^h 5'	0 ^h 11'	n.a.
F 20	10 1 41	2 ^h 35'54"	4 ^h 48'	11 ^h 20'	0 ^h 6'	12 ^h 14'	4 ^h 24'	9 ^h 56'	4 ^h 20'	22 ^h 14'	22 ^h 43'	15 ^h R37	17 ^h 1'	0 ^h 18'	n.a.
S 21	10 5 37	3 ^h 33'24"	16 ^h 59'	12 ^h 57'	1 ^h 18'	12 ^h 59'	4 ^h 37'	10 ^h 0'	4 ^h 19'	22 ^h 13'	22 ^h 45'	15 ^h 36'	16 ^h 58'	0 ^h 25'	n.a.
S 22	10 9 34	4 ^h 30'52"	29 ^h 28'	14 ^h 37'	2 ^h 29'	13 ^h 44'	4 ^h 51'	10 ^h 5'	4 ^h 18'	22 ^h 12'	22 ^h 46'	15 ^h 33'	16 ^h 55'	0 ^h 31'	n.a.
M23	10 13 31	5 ^h 28'20"	12 ^h 38'	16 ^h 19'	3 ^h 40'	14 ^h 28'	5 ^h 4'	10 ^h 9'	4 ^h 17'	22 ^h 11'	22 ^h 47'	15 ^h 29'	16 ^h 52'	0 ^h 38'	n.a.
T 24	10 17 27	6 ^h 25'46"	25 ^h 33'	18 ^h 4'	4 ^h 52'	15 ^h 13'	5 ^h 17'	10 ^h 14'	4 ^h 16'	22 ^h 9'	22 ^h 49'	15 ^h 24'	16 ^h 49'	0 ^h 45'	n.a.
W25	10 21 24	7 ^h 23'12"	9 ^h 11'	19 ^h 50'	6 ^h 3'	15 ^h 58'	5 ^h 30'	10 ^h 19'	4 ^h 16'	22 ^h 8'	22 ^h 50'	15 ^h 18'	16 ^h 45'	0 ^h 51'	n.a.
T 26	10 25 20	8 ^h 20'36"	23 ^h 13'	21 ^h 38'	7 ^h 15'	16 ^h 42'	5 ^h 43'	10 ^h 24'	4 ^h 15'	22 ^h 7'	22 ^h 52'	15 ^h 12'	16 ^h 42'	0 ^h 58'	n.a.
F 27	10 29 17	9 ^h 17'59"	7 ^h 34'	23 ^h 29'	8 ^h 26'	17 ^h 27'	5 ^h 56'	10 ^h 29'	4 ^h 14'	22 ^h 6'	22 ^h 53'	15 ^h 7'	16 ^h 39'	1 ^h 5'	n.a.
S 28	10 33 13	10 ^h 15'20"	22 ^h 9'	25 ^h 21'	9 ^h 38'	18 ^h 11'	6 ^h 9'	10 ^h 34'	4 ^h 14'	22 ^h 5'	22 ^h 54'	15 ^h 4'	16 ^h 36'	1 ^h 11'	n.a.
S 29	10 37 10	11 ^h 12'41"	6 ^h 52'	27 ^h 16'	10 ^h 49'	18 ^h 56'	6 ^h 22'	10 ^h 39'	4 ^h 13'	22 ^h 4'	22 ^h 56'	15 ^h 2'	16 ^h 33'	1 ^h 18'	n.a.
M30	10 41 6	12 ^h 10'00"	21 ^h 34'	29 ^h 12'	12 ^h 1'	19 ^h 40'	6 ^h 35'	10 ^h 44'	4 ^h 13'	22 ^h 3'	22 ^h 57'	15 ^h D 2	16 ^h 30'	1 ^h 25'	n.a.
T 31	10 45 3	13 ^h 7'18"	6 ^h 8'	1 ^h 11'	13 ^h 13'	20 ^h 24'	6 ^h 48'	10 ^h 49'	4 ^h 12'	22 ^h 3'	22 ^h 58'	15 ^h 3'	16 ^h 26'	1 ^h 31'	n.a.

Delta T = 24h43m10s Julian Calendar 1 March 3328 BCE == Greg. Calendar 2 Feb. 3328 BCE
 The year -3327 astronomical counting style corresponds to year 3328 B.C.E historical counting style.

APRIL 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
W 1	10 48 59	14 ^h 4'35"	20 ^h 38'	3 ^h 11'	14 ^h 24'	21 ^h 39'	7 ^h 11'	10 ^h 54'	4 ^h R12	22 ^h R 2	22 ^h 59'	15 ^h 5'	16 ^h 23'	1 ^h 38'	n.a.
T 2	10 52 56	15 ^h 1'50"	4 ^h II	5 ^h 14'	15 ^h 36'	21 ^h 53'	7 ^h 13'	11 ^h 0'	4 ^h 11'	22 ^h 1'	23 ^h 1'	15 ^h 6'	16 ^h 20'	1 ^h 45'	n.a.
F 3	10 56 53	15 ^h 59'04"	18 ^h 49'	7 ^h 18'	16 ^h 48'	22 ^h 37'	7 ^h 26'	11 ^h 5'	4 ^h 11'	22 ^h 0'	23 ^h 2'	15 ^h R 6	16 ^h 17'	1 ^h 51'	n.a.
S 4	11 0 49	16 ^h 56'17"	2 ^h 31'	9 ^h 23'	18 ^h 0'	23 ^h 21'	7 ^h 39'	11 ^h 11'	4 ^h 11'	21 ^h 59'	23 ^h 3'	15 ^h 5'	16 ^h 14'	1 ^h 58'	n.a.
S 5	11 4 46	17 ^h 53'29"	15 ^h 58'	11 ^h 30'	19 ^h 11'	24 ^h 5'	7 ^h 51'	11 ^h 16'	4 ^h 11'	21 ^h 58'	23 ^h 5'	15 ^h 3'	16 ^h 11'	2 ^h 5'	n.a.
M 6	11 8 42	18 ^h 50'39"	29 ^h 9'	13 ^h 39'	20 ^h 23'	24 ^h 49'	8 ^h 3'	11 ^h 22'	4 ^h 11'	21 ^h 58'	23 ^h 6'	15 ^h 0'	16 ^h 7'	2 ^h 11'	n.a.
T 7	11 12 39	19 ^h 47'49"	12 ^h 9'	15 ^h 48'	21 ^h 35'	25 ^h 33'	8 ^h 16'	11 ^h 27'	4 ^h 11'	21 ^h 57'	23 ^h 7'	14 ^h 56'	16 ^h 4'	2 ^h 18'	n.a.
W 8	11 16 35	20 ^h 44'57"	24 ^h 49'	17 ^h 59'	22 ^h 47'	26 ^h 17'	8 ^h 28'	11 ^h 33'	4 ^h D11	21 ^h 56'	23 ^h 8'	14 ^h 52'	16 ^h 1'	2 ^h 25'	n.a.
T 9	11 20 32	21 ^h 42'04"	7 ^h 20'	20 ^h 10'	23 ^h 59'	27 ^h 0'	8 ^h 40'	11 ^h 39'	4 ^h 11'	21 ^h 56'	23 ^h 10'	14 ^h 49'	15 ^h 58'	2 ^h 31'	n.a.
F 10	11 24 28	22 ^h 39'11"	19 ^h 38'	22 ^h 21'	25 ^h 11'	27 ^h 44'	8 ^h 52'	11 ^h 45'	4 ^h 11'	21 ^h 55'	23 ^h 11'	14 ^h 46'	15 ^h 55'	2 ^h 38'	n.a.
S 11	11 28 25	23 ^h 36'16"	1 ^h 46'	24 ^h 32'	26 ^h 23'	28 ^h 28'	9 ^h 4'	11 ^h 51'	4 ^h 11'	21 ^h 54'	23 ^h 12'	14 ^h 45'	15 ^h 51'	2 ^h 44'	n.a.
S 12	11 32 22	24 ^h 33'21"	13 ^h 45'	26 ^h 44'	27 ^h 35'	29 ^h 11'	9 ^h 16'	11 ^h 57'	4 ^h 11'	21 ^h 54'	23 ^h 13'	14 ^h D44	15 ^h 48'	2 ^h 51'	n.a.
M13	11 36 18	25 ^h 30'26"	25 ^h 38'	28 ^h 54'	28 ^h 47'	29 ^h 55'	9 ^h 28'	12 ^h 3'	4 ^h 11'	21 ^h 53'	23 ^h 14'	14 ^h 44'	15 ^h 45'	2 ^h 58'	n.a.
T 14	11 40 15	26 ^h 27'30"	7 ^h 27'	1 ^h 5'	29 ^h 59'	0 ^h 38'	9 ^h 40'	12 ^h 9'	4 ^h 12'	21 ^h 53'	23 ^h 16'	14 ^h 45'	15 ^h 42'	3 ^h 4'	n.a.
W15	11 44 11	27 ^h 24'33"	19 ^h 15'	3 ^h 14'	1 ^h 11'	1 ^h 21'	9 ^h 52'	12 ^h 15'	4 ^h 12'	21 ^h 52'	23 ^h 17'	14 ^h 47'	15 ^h 39'	3 ^h 11'	n.a.
T 16	11 48 8	28 ^h 21'37"	1 ^h 7'	5 ^h 22'	2 ^h 23'	2 ^h 5'	10 ^h 4'	12 ^h 21'	4 ^h 12'	21 ^h 52'	23 ^h 18'	14 ^h 48'	15 ^h 36'	3 ^h 18'	n.a.
F 17	11 52 4	29 ^h 18'40"	13 ^h 6'	7 ^h 29'	3 ^h 35'	2 ^h 48'	10 ^h 15'	12 ^h 28'	4 ^h 13'	21 ^h 51'	23 ^h 19'	14 ^h 49'	15 ^h 32'	3 ^h 24'	n.a.
S 18	11 56 1	0 ^h 15'42"	25 ^h 17'	9 ^h 34'	4 ^h 47'	3 ^h 31'	10 ^h 27'	12 ^h 34'	4 ^h 13'	21 ^h 51'	23 ^h 20'	14 ^h R50	15 ^h 29'	3 ^h 31'	n.a.
S 19	11 59 57	1 ^h 12'45"	7 ^h 34'	11 ^h 37'	5 ^h 59'	4 ^h 14'	10 ^h 38'	12 ^h 40'	4 ^h 14'	2					

SWISS EPHEMERIS for the year 3328 BCE

MAY 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	12 47 16	12°37'02	29II 2	3♁36	20♁28	12♁45	12♁48	14♁ 1	4♁25	21♁49	23♁34	14♁46	14♁48	4♁58	n.a.
S 2	12 51 13	13°34'02	12♁46	5°12	21°41	13°27	12°58	14° 8	4°26	21°49	23°35	14°R46	14°45	5° 4	n.a.
S 3	12 55 9	14°31'01	26° 7	6°45	22°54	14° 9	13° 8	14°15	4°27	21°49	23°36	14°D46	14°42	5°11	n.a.
M 4	12 59 6	15°28'01	9♁ 9	8°16	24° 6	14°51	13°18	14°22	4°29	21°49	23°37	14°46	14°38	5°17	n.a.
T 5	13 3 2	16°25'00	21°52	9°44	25°19	15°33	13°28	14°29	4°30	21°49	23°38	14°46	14°35	5°24	n.a.
W 6	13 6 59	17°21'59	4♁19	11°10	26°32	16°14	13°38	14°36	4°31	21°50	23°39	14°46	14°32	5°31	n.a.
T 7	13 10 55	18°18'58	16°34	12°34	27°44	16°56	13°48	14°43	4°33	21°50	23°40	14°46	14°29	5°37	n.a.
F 8	13 14 52	19°15'57	28°39	13°55	28°57	17°37	13°57	14°50	4°34	21°50	23°40	14°47	14°26	5°44	n.a.
S 9	13 18 48	20°12'56	10♁37	15°14	0♀10	18°19	14° 7	14°58	4°36	21°50	23°41	14°R47	14°22	5°51	n.a.
S 10	13 22 45	21° 9'55	22°29	16°30	1°23	19° 0	14°16	15° 5	4°38	21°51	23°42	14°47	14°19	5°57	n.a.
M11	13 26 42	22° 6'55	4♁18	17°44	2°36	19°41	14°25	15°12	4°39	21°51	23°43	14°46	14°16	6° 4	n.a.
T 12	13 30 38	23° 3'55	16° 6	18°55	3°48	20°22	14°34	15°19	4°41	21°51	23°44	14°46	14°13	6°11	n.a.
W13	13 34 35	24° 0'56	27°56	20° 3	5° 1	21° 3	14°43	15°27	4°43	21°52	23°45	14°44	14°10	6°17	n.a.
T 14	13 38 31	24°57'57	9♁51	21° 8	6°14	21°44	14°52	15°34	4°45	21°52	23°45	14°43	14° 7	6°24	n.a.
F 15	13 42 28	25°54'59	21°53	22°11	7°27	22°25	15° 1	15°41	4°46	21°53	23°46	14°42	14° 3	6°31	n.a.
S 16	13 46 24	26°52'02	4♁ 5	23°11	8°40	23° 6	15° 9	15°49	4°48	21°53	23°47	14°40	14° 0	6°37	n.a.
S 17	13 50 21	27°49'06	16°32	24° 8	9°53	23°47	15°17	15°56	4°50	21°54	23°47	14°40	13°57	6°44	n.a.
M18	13 54 17	28°46'10	29°18	25° 1	11° 6	24°27	15°26	16° 4	4°52	21°54	23°48	14°D39	13°54	6°51	n.a.
T 19	13 58 14	29°43'15	12♁24	25°51	12°20	25° 8	15°34	16°11	4°54	21°55	23°49	14°40	13°51	6°57	n.a.
W20	14 2 11	0♁40'21	25°56	26°38	13°33	25°48	15°42	16°19	4°56	21°56	23°49	14°40	13°47	7° 4	n.a.
T 21	14 6 7	1°37'28	9♁53	27°21	14°46	26°28	15°50	16°26	4°59	21°56	23°50	14°42	13°44	7°11	n.a.
F 22	14 10 4	2°34'36	24°15	28° 1	15°59	27° 9	15°58	16°34	5° 1	21°57	23°51	14°43	13°41	7°17	n.a.
S 23	14 14 0	3°31'44	9♀ 1	28°36	17°12	27°49	16° 5	16°41	5° 3	21°58	23°51	14°R43	13°38	7°24	n.a.
S 24	14 17 57	4°28'54	24° 3	29° 8	18°26	28°29	16°13	16°49	5° 5	21°58	23°52	14°43	13°35	7°31	n.a.
M25	14 21 53	5°26'05	9♁15	29°35	19°39	29° 8	16°20	16°57	5° 8	21°59	23°52	14°42	13°32	7°37	n.a.
T 26	14 25 50	6°23'16	24°26	29°59	20°52	29°48	16°27	17° 4	5°10	22° 0	23°53	14°40	13°28	7°44	n.a.
W27	14 29 46	7°20'28	9II26	0II17	22° 6	0♁28	16°34	17°12	5°12	22° 1	23°54	14°37	13°25	7°51	n.a.
T 28	14 33 43	8°17'41	24° 9	0°31	23°19	1° 7	16°41	17°19	5°15	22° 2	23°54	14°34	13°22	7°57	n.a.
F 29	14 37 40	9°14'55	8♁27	0°40	24°33	1°47	16°48	17°27	5°17	22° 3	23°54	14°32	13°19	8° 4	n.a.
S 30	14 41 36	10°12'09	22°18	0°R45	25°46	2°26	16°54	17°35	5°20	22° 4	23°55	14°29	13°16	8°11	n.a.
S 31	14 45 33	11♁ 9'25	5♁43	0II44	27♀ 0	3♁ 5	17♁ 1	17♁42	5♁22	22♁ 5	23♁55	14°D28	13♁13	8♁17	n.a.

Delta T = 24h43m04s Julian Calendar 1 May 3328 BCE == Greg. Calendar 4 Apr. 3328 BCE
 The year -3327 astronomical counting style corresponds to year 3328 B.C.E historical counting style.

JUNE 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	14 49 29	12♁ 6'40	18♁41	0°R38	28♀13	3♁44	17♁ 7	17♁50	5♁25	22♁ 6	23♁56	14♁28	13♁ 9	8♁24	n.a.
T 2	14 53 26	13° 3'57	1♁19	0II27	29°27	4°23	17°13	17°58	5°28	22° 7	23°56	14°29	13° 6	8°31	n.a.
W 3	14 57 22	14° 1'14	13°38	0°11	0♁40	5° 2	17°19	18° 5	5°30	22° 8	23°57	14°31	13° 3	8°37	n.a.
T 4	15 1 19	14°58'32	25°44	29♁51	1°54	5°40	17°25	18°13	5°33	22° 9	23°57	14°33	13° 0	8°44	n.a.
F 5	15 5 15	15°55'51	7♁41	29°25	3° 7	6°19	17°30	18°21	5°36	22°10	23°57	14°34	12°57	8°51	n.a.
S 6	15 9 12	16°53'11	19°31	28°55	4°21	6°57	17°36	18°28	5°38	22°11	23°58	14°R34	12°53	8°57	n.a.
S 7	15 13 8	17°50'33	1♁20	28°20	5°35	7°35	17°41	18°36	5°41	22°12	23°58	14°33	12°50	9° 4	n.a.
M 8	15 17 5	18°47'55	13° 8	27°42	6°49	8°13	17°46	18°44	5°44	22°13	23°58	14°30	12°47	9°11	n.a.
T 9	15 21 2	19°45'19	24°59	27° 1	8° 2	8°51	17°51	18°51	5°47	22°15	23°58	14°25	12°44	9°17	n.a.
W10	15 24 58	20°42'44	6♁54	26°17	9°16	9°29	17°56	18°59	5°50	22°16	23°59	14°19	12°41	9°24	n.a.
T 11	15 28 55	21°40'11	18°56	25°31	10°30	10° 7	18° 1	19° 7	5°53	22°17	23°59	14°13	12°38	9°30	n.a.
F 12	15 32 51	22°37'39	1♁ 6	24°44	11°44	10°45	18° 5	19°14	5°56	22°18	23°59	14° 6	12°34	9°37	n.a.
S 13	15 36 48	23°35'08	13°25	23°56	12°58	11°22	18° 9	19°22	5°59	22°20	23°59	14° 0	12°31	9°44	n.a.
S 14	15 40 44	24°32'39	25°57	23° 9	14°12	12° 0	18°14	19°30	6° 2	22°21	23°59	13°55	12°28	9°50	n.a.
M15	15 44 41	25°30'12	8♁44	22°24	15°26	12°37	18°17	19°37	6° 5	22°23	23°59	13°52	12°25	9°57	n.a.
T 16	15 48 37	26°27'47	21°48	21°41	16°40	13°14	18°21	19°45	6° 8	22°24	24° 0	13°D51	12°22	10° 4	n.a.
W17	15 52 34	27°25'23	5♁12	21° 1	17°54	13°51	18°25	19°53	6°11	22°25	24° 0	13°51	12°19	10°10	n.a.
T 18	15 56 31	28°23'01	18°59	20°25	19° 8	14°28	18°28	20° 0	6°14	22°27	24° 0	13°52	12°15	10°17	n.a.
F 19	16 0 27	29°20'42	3♀ 9	19°55	20°22	15° 4	18°31	20° 8	6°17	22°28	24° 0	13°53	12°12	10°24	n.a.
S 20	16 4 24	0II18'23	17°42	19°29	21°36	15°41	18°34	20°16	6°21	22°30	24° 0	13°R53	12° 9	10°30	n.a.
S 21	16 8 20	1°16'07	2♁33	19°10	22°50	16°17	18°37	20°23	6°24	22°31	24°R 0	13°52	12° 6	10°37	n.a.
M22	16 12 17	2°13'53	17°38	18°57	24° 4	16°53	18°40	20°31	6°27	22°33	24° 0	13°48	12° 3	10°44	n.a.
T 23	16 16 13	3°11'40	2II47	18°D52	25°19	17°29	18°42	20°38	6°31	22°35	24° 0	13°43	11°59	10°50	n.a.
W24	16 20 10	4° 9'29	17°51	18°53	26°33	18° 5	18°44	20°46	6°34	22°36	24° 0	13°36	11°56	10°57	n.a.
T 25	16 24 6	5° 7'20	2♁39	19° 2	27°47	18°41	18°47	20°54	6°37	22°38	24° 0	13°28	11°53	11° 4	n.a.
F 26	16 28 3	6° 5'13	17° 5	19°19	29° 1	19°16	18°48	21° 1	6°41	22°39	24° 0	13°20	11°50	11°10	n.a.
S 27	16 32 0	7° 3'06	1♁ 3	19°43	0II16	19°51	18°50	21° 9	6°44	22°41	23°59	13°14	11°47	11°17	n.a.
S 28	16 35 56	8° 1'02	14°33	20°15	1°30	20°27	18°52	21°16	6°47	22°43	23°59	13° 9	11°44	11°24	n.a.
M29	16 39 53	8°58'59	27°35	20°54	2°45	21° 2	18°53	21°24	6°51	22°45	23°59	13° 7	11°40	11°30	n.a.
T 30	16 43 49	9II56'57	10♁12	21♁41	3II59	21♁36	18♁54	21♁31	6♁54	22♁46	23♁59	13°D 6	11♁37	11♁37	n.a.

Delta T = 24h43m01s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 3328 BCE

JULY 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	16 47 46	10II54'57	22III30	22III35	5II13	22II11	18III55	21III38	6III58	22III48	23°R59	13II 7	11II34	11III44	n.a.
T 2	16 51 42	11°52'59	4II32	23°36	6°28	22°45	18°55	21°46	7° 1	22°50	23III58	13° 7	11°31	11°50	n.a.
F 3	16 55 39	12°51'02	16°26	24°43	7°42	23°20	18°56	21°53	7° 5	22°52	23°58	13°R 8	11°28	11°57	n.a.
S 4	16 59 35	13°49'07	28°14	25°57	8°57	23°54	18°56	22° 0	7° 8	22°53	23°58	13° 6	11°24	12° 4	n.a.
S 5	17 3 32	14°47'13	10III 2	27°16	10°12	24°28	18°R56	22° 8	7°12	22°55	23°58	13° 3	11°21	12°10	n.a.
M 6	17 7 29	15°45'22	21°53	28°41	11°26	25° 1	18°56	22°15	7°16	22°57	23°57	12°57	11°18	12°17	n.a.
T 7	17 11 25	16°43'33	3II49	0II11	12°41	25°35	18°56	22°22	7°19	22°59	23°57	12°48	11°15	12°24	n.a.
W 8	17 15 22	17°41'45	15°53	1°46	13°55	26° 8	18°55	22°30	7°23	23° 1	23°57	12°38	11°12	12°30	n.a.
T 9	17 19 18	18°39'59	28° 6	3°24	15°10	26°41	18°55	22°37	7°26	23° 3	23°56	12°26	11° 9	12°37	n.a.
F 10	17 23 15	19°38'16	10III29	5° 6	16°25	27°14	18°54	22°44	7°30	23° 5	23°56	12°14	11° 5	12°44	n.a.
S 11	17 27 11	20°36'34	23° 2	6°51	17°39	27°47	18°53	22°51	7°34	23° 7	23°55	12° 3	11° 2	12°50	n.a.
S 12	17 31 8	21°34'55	5III46	8°39	18°54	28°19	18°51	22°58	7°37	23° 9	23°55	11°53	10°59	12°57	n.a.
M13	17 35 4	22°33'18	18°42	10°29	20° 9	28°51	18°50	23° 5	7°41	23°11	23°55	11°47	10°56	13° 4	n.a.
T 14	17 39 1	23°31'44	1II51	12°20	21°24	29°23	18°48	23°12	7°45	23°13	23°54	11°42	10°53	13°10	n.a.
W15	17 42 58	24°30'11	15°16	14°13	22°38	29°55	18°46	23°19	7°48	23°15	23°54	11°41	10°50	13°17	n.a.
T 16	17 46 54	25°28'41	28°56	16° 7	23°53	0II27	18°44	23°26	7°52	23°17	23°53	11°D40	10°46	13°24	n.a.
F 17	17 50 51	26°27'14	12II55	18° 1	25° 8	0°58	18°42	23°33	7°56	23°19	23°53	11°R40	10°43	13°30	n.a.
S 18	17 54 47	27°25'49	27°11	19°55	26°23	1°29	18°40	23°40	8° 0	23°21	23°52	11°40	10°40	13°37	n.a.
S 19	17 58 44	28°24'26	11III44	21°50	27°38	2° 0	18°37	23°47	8° 3	23°23	23°51	11°37	10°37	13°44	n.a.
M20	18 2 40	29°23'06	26°30	23°44	28°53	2°31	18°34	23°53	8° 7	23°25	23°51	11°32	10°34	13°50	n.a.
T 21	18 6 37	0III21'49	11II22	25°39	0III 8	3° 1	18°31	24° 0	8°11	23°27	23°50	11°24	10°30	13°57	n.a.
W22	18 10 34	1°20'33	26°13	27°32	1°23	3°31	18°28	24° 7	8°15	23°29	23°50	11°13	10°27	14° 4	n.a.
T 23	18 14 30	2°19'20	10III53	29°25	2°38	4° 1	18°24	24°13	8°18	23°31	23°49	11° 2	10°24	14°11	n.a.
F 24	18 18 27	3°18'09	25°15	1III18	3°53	4°30	18°21	24°20	8°22	23°33	23°48	10°50	10°21	14°17	n.a.
S 25	18 22 23	4°17'01	9II14	3°10	5° 8	5° 0	18°17	24°26	8°26	23°35	23°48	10°40	10°18	14°24	n.a.
S 26	18 26 20	5°15'54	22°45	5° 0	6°23	5°29	18°13	24°33	8°30	23°38	23°47	10°32	10°15	14°31	n.a.
M27	18 30 16	6°14'49	5III49	6°51	7°38	5°57	18° 9	24°39	8°34	23°40	23°46	10°27	10°11	14°37	n.a.
T 28	18 34 13	7°13'46	18°29	8°40	8°53	6°26	18° 4	24°46	8°37	23°42	23°46	10°24	10° 8	14°44	n.a.
W29	18 38 9	8°12'45	0III48	10°28	10° 8	6°54	18° 0	24°52	8°41	23°44	23°45	10°24	10° 5	14°51	n.a.
T 30	18 42 6	9°11'46	12°51	12°15	11°23	7°22	17°55	24°58	8°45	23°46	23°44	10°24	10° 2	14°57	n.a.
F 31	18 46 3	10III01'49	24III44	14III 2	12III38	7II49	17°II50	25III 4	8III49	23III48	23III43	10°II23	9°II59	15°II 4	n.a.

Delta T = 24h42m58s Julian Calendar 1 July 3328 BCE == Greg. Calendar 4 June 3328 BCE
 The year -3327 astronomical counting style corresponds to year 3328 B.C.E historical counting style.

AUGUST 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	18 49 59	11III 9'54	6III33	15III47	13III54	8II16	17°R45	25III11	8III53	23III51	23°R42	10°R21	9°II56	15°II11	n.a.
S 2	18 53 56	12° 9'01	18°22	17°31	15° 9	8°43	17°II40	25°17	8°56	23°53	23°II42	10°II17	9°52	15°17	n.a.
M 3	18 57 52	13° 8'10	0II16	19°15	16°24	9°10	17°34	25°23	9° 0	23°55	23°41	10°11	9°49	15°24	n.a.
T 4	19 1 49	14° 7'22	12°19	20°58	17°39	9°36	17°29	25°29	9° 4	23°57	23°40	10° 1	9°46	15°31	n.a.
W 5	19 5 45	15° 6'35	24°33	22°39	18°54	10° 2	17°23	25°34	9° 8	24° 0	23°39	9°49	9°43	15°37	n.a.
T 6	19 9 42	16° 5'51	6III59	24°20	20° 9	10°27	17°17	25°40	9°12	24° 2	23°38	9°36	9°40	15°44	n.a.
F 7	19 13 38	17° 5'09	19°38	26° 0	21°25	10°53	17°11	25°46	9°15	24° 4	23°37	9°22	9°36	15°51	n.a.
S 8	19 17 35	18° 4'29	2III30	27°40	22°40	11°17	17° 5	25°52	9°19	24° 6	23°37	9°10	9°33	15°57	n.a.
S 9	19 21 32	19° 3'51	15°34	29°18	23°55	11°42	16°59	25°57	9°23	24° 8	23°36	8°59	9°30	16° 4	n.a.
M10	19 25 28	20° 3'16	28°49	0II55	25°10	12° 6	16°53	26° 3	9°27	24°11	23°35	8°51	9°27	16°11	n.a.
T 11	19 29 25	21° 2'43	12III14	2°32	26°26	12°30	16°46	26° 8	9°30	24°13	23°34	8°46	9°24	16°17	n.a.
W12	19 33 21	22° 2'13	25°49	4° 8	27°41	12°53	16°39	26°14	9°34	24°15	23°33	8°44	9°21	16°24	n.a.
T 13	19 37 18	23° 1'45	9II34	5°43	28°56	13°16	16°33	26°19	9°38	24°17	23°32	8°D43	9°17	16°31	n.a.
F 14	19 41 14	24° 1'20	23°30	7°17	0II11	13°39	16°26	26°24	9°41	24°20	23°31	8°R43	9°14	16°37	n.a.
S 15	19 45 11	25° 0'57	7III36	8°51	1°27	14° 1	16°19	26°30	9°45	24°22	23°30	8°43	9°11	16°44	n.a.
S 16	19 49 7	26° 0'37	21°51	10°24	2°42	14°22	16°11	26°35	9°49	24°24	23°29	8°40	9° 8	16°51	n.a.
M17	19 53 4	27° 0'20	6II14	11°56	3°57	14°44	16° 4	26°40	9°53	24°26	23°28	8°36	9° 5	16°57	n.a.
T 18	19 57 1	28° 0'05	20°41	13°27	5°13	15° 4	15°57	26°45	9°56	24°29	23°27	8°28	9° 2	17° 4	n.a.
W19	20 0 57	28°59'52	5III 7	14°58	6°28	15°25	15°49	26°50	10° 0	24°31	23°26	8°18	8°58	17°11	n.a.
T 20	20 4 54	29°59'42	19°26	16°28	7°43	15°45	15°42	26°54	10° 4	24°33	23°25	8° 7	8°55	17°17	n.a.
F 21	20 8 50	0II59'34	3II30	17°57	8°59	16° 4	15°34	26°59	10° 7	24°35	23°24	7°56	8°52	17°24	n.a.
S 22	20 12 47	1°59'28	17°16	19°26	10°14	16°23	15°26	27° 4	10°11	24°38	23°23	7°46	8°49	17°31	n.a.
S 23	20 16 43	2°59'25	0III40	20°54	11°29	16°41	15°19	27° 8	10°14	24°40	23°22	7°38	8°46	17°37	n.a.
M24	20 20 40	3°59'23	13°41	22°21	12°45	16°59	15°11	27°13	10°18	24°42	23°21	7°33	8°42	17°44	n.a.
T 25	20 24 36	4°59'23	26°20	23°47	14° 0	17°17	15° 3	27°17	10°21	24°44	23°20	7°31	8°39	17°51	n.a.
W26	20 28 33	5°59'25	8III40	25°12	15°15	17°33	14°55	27°22	10°25	24°46	23°18	7°D30	8°36	17°57	n.a.
T 27	20 32 30	6°59'29	20°45	26°37	16°31	17°50	14°47	27°26	10°28	24°49	23°17	7°31	8°33	18° 4	n.a.
F 28	20 36 26	7°59'35	2II45	28° 1	17°46	18° 6	14°39	27°30	10°32	24°51	23°16	7°R31	8°30	18°11	n.a.
S 29	20 40 23	8°59'43	14°29	29°23	19° 1	18°21	14°31	27°34	10°35	24°53	23°15	7°31	8°27	18°17	n.a.
S 30	20 44 19	9°59'53	26°20	0III45	20°17	18°35	14°23	27°38	10°39	24°55	23°14	7°30	8°23	18°24	n.a.
M31	20 48 16	11°II 0'04	8°II16	2II 6	21°II32	18°II49	14°II15	27°II42	10°II42	24°II57	23°II13	7°II26	8°II20	18°II31	n.a.

Delta T = 24h42m55s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 3328 BCE

SEPTEMBER 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	20 52 12	12♌0'17	20♌22	3♍26	22♌47	19♍3	14°R 6	27♄45	10♄46	25♄0	23°R12	7°R20	8♌17	18♌38	n.a.								
W 2	20 56 9	13° 0'32	2♌42	4°45	24° 3	19°16	13♌58	27°49	10°49	25° 2	23♌11	7♌12	8°14	18°44	n.a.								
T 3	21 0 5	14° 0'49	15°18	6° 2	25°18	19°28	13°50	27°53	10°52	25° 4	23°10	7° 2	8°11	18°51	n.a.								
F 4	21 4 2	15° 1'08	28°12	7°18	26°33	19°40	13°42	27°56	10°56	25° 6	23° 8	6°52	8° 8	18°58	n.a.								
S 5	21 7 59	16° 1'29	11♌23	8°32	27°49	19°51	13°34	28° 0	10°59	25° 8	23° 7	6°43	8° 4	19° 4	n.a.								
S 6	21 11 55	17° 1'51	24°49	9°45	29° 4	20° 1	13°26	28° 3	11° 2	25°10	23° 6	6°36	8° 1	19°11	n.a.								
M 7	21 15 52	18° 2'16	8♌29	10°56	0♍19	20°11	13°18	28° 6	11° 5	25°12	23° 5	6°30	7°58	19°18	n.a.								
T 8	21 19 48	19° 2'42	22°19	12° 5	1°34	20°20	13°10	28° 9	11° 9	25°15	23° 4	6°27	7°55	19°24	n.a.								
W 9	21 23 45	20° 3'10	6♍17	13°12	2°50	20°28	13° 2	28°12	11°12	25°17	23° 3	6°D26	7°52	19°31	n.a.								
T 10	21 27 41	21° 3'41	20°20	14°16	4° 5	20°35	12°54	28°15	11°15	25°19	23° 2	6°27	7°48	19°38	n.a.								
F 11	21 31 38	22° 4'14	4♌26	15°17	5°20	20°42	12°46	28°18	11°18	25°21	23° 0	6°28	7°45	19°44	n.a.								
S 12	21 35 34	23° 4'49	18°34	16°16	6°36	20°48	12°38	28°20	11°21	25°23	22°59	6°R29	7°42	19°51	n.a.								
S 13	21 39 31	24° 5'26	2♌42	17°10	7°51	20°54	12°30	28°23	11°24	25°25	22°58	6°29	7°39	19°58	n.a.								
M14	21 43 27	25° 6'05	16°49	18° 1	9° 6	20°59	12°22	28°26	11°27	25°27	22°57	6°27	7°36	20° 4	n.a.								
T 15	21 47 24	26° 6'46	0♄53	18°48	10°21	21° 2	12°14	28°28	11°30	25°29	22°56	6°23	7°33	20°11	n.a.								
W16	21 51 21	27° 7'29	14°52	19°29	11°37	21° 5	12° 7	28°30	11°33	25°31	22°55	6°17	7°29	20°18	n.a.								
T 17	21 55 17	28° 8'14	28°41	20° 5	12°52	21° 8	11°59	28°32	11°36	25°33	22°54	6°11	7°26	20°24	n.a.								
F 18	21 59 14	29° 9'01	12♌19	20°35	14° 7	21° 9	11°52	28°34	11°39	25°35	22°52	6° 4	7°23	20°31	n.a.								
S 19	22 3 10	0♍9'49	25°43	20°58	15°22	21°R10	11°44	28°36	11°42	25°37	22°51	5°59	7°20	20°38	n.a.								
S 20	22 7 7	1°10'40	8♍50	21°13	16°38	21°10	11°37	28°38	11°45	25°39	22°50	5°54	7°17	20°44	n.a.								
M21	22 11 3	2°11'31	21°39	21°R21	17°53	21° 9	11°30	28°40	11°47	25°41	22°49	5°51	7°13	20°51	n.a.								
T 22	22 15 0	3°12'24	4♌11	21°19	19° 8	21° 7	11°23	28°42	11°50	25°42	22°48	5°D50	7°10	20°58	n.a.								
W23	22 18 56	4°13'18	16°28	21° 7	20°23	21° 5	11°16	28°43	11°53	25°44	22°47	5°51	7° 7	21° 5	n.a.								
T 24	22 22 53	5°14'14	28°32	20°45	21°38	21° 1	11° 9	28°44	11°55	25°46	22°46	5°52	7° 4	21°11	n.a.								
F 25	22 26 50	6°15'11	10♌27	20°13	22°54	20°57	11° 2	28°46	11°58	25°48	22°45	5°54	7° 1	21°18	n.a.								
S 26	22 30 46	7°16'09	22°17	19°30	24° 9	20°52	10°56	28°47	12° 1	25°50	22°43	5°56	6°58	21°25	n.a.								
S 27	22 34 43	8°17'08	4♌7	18°37	25°24	20°46	10°49	28°48	12° 3	25°52	22°42	5°R57	6°54	21°31	n.a.								
M28	22 38 39	9°18'08	16° 3	17°35	26°39	20°39	10°43	28°49	12° 6	25°53	22°41	5°57	6°51	21°38	n.a.								
T 29	22 42 36	10°19'10	28° 8	16°24	27°54	20°31	10°37	28°50	12° 8	25°55	22°40	5°55	6°48	21°45	n.a.								
W30	22 46 32	11°20'12	10♌29	15°27	29°27	20°22	10°31	28°51	12°10	25°57	22°39	5°53	6°45	21°51	n.a.								

Delta T = 24h42m52s Julian Calendar 1 Sept. 3328 BCE == Greg. Calendar 5 Aug. 3328 BCE
 The year -3327 astronomical counting style corresponds to year 3328 B.C.E historical counting style.

OCTOBER 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	22 50 29	12♍21'15	23♌7	13°R47	0♌24	20°R13	10°R25	28♄51	12♄13	25♄58	22°R38	5°R50	6♌42	21♌58	n.a.								
F 2	22 54 25	13°22'20	6♌7	12♍24	1°40	20°Y 3	10♌19	28°52	12°15	26° 0	22♌37	5♌46	6°39	22° 5	n.a.								
S 3	22 58 22	14°23'25	19°29	11° 3	2°55	19°52	10°14	28°52	12°17	26° 2	22°36	5°43	6°35	22°11	n.a.								
S 4	23 2 19	15°24'31	3♌12	9°47	4°10	19°40	10° 9	28°52	12°20	26° 3	22°35	5°40	6°32	22°18	n.a.								
M 5	23 6 15	16°25'38	17°15	8°36	5°25	19°27	10° 3	28°53	12°22	26° 5	22°34	5°38	6°29	22°25	n.a.								
T 6	23 10 12	17°26'47	1°Y32	7°35	6°40	19°14	9°58	28°R53	12°24	26° 7	22°33	5°D37	6°26	22°31	n.a.								
W 7	23 14 8	18°27'56	15°59	6°43	7°55	18°59	9°54	28°53	12°26	26° 8	22°32	5°37	6°23	22°38	n.a.								
T 8	23 18 5	19°29'06	0♌30	6° 3	9°10	18°44	9°49	28°52	12°28	26°10	22°31	5°38	6°19	22°45	n.a.								
F 9	23 22 1	20°30'18	15° 0	5°34	10°25	18°29	9°44	28°52	12°30	26°11	22°30	5°39	6°16	22°51	n.a.								
S 10	23 25 58	21°31'31	29°25	5°16	11°40	18°12	9°40	28°52	12°32	26°13	22°29	5°40	6°13	22°58	n.a.								
S 11	23 29 54	22°32'45	13♌40	5°D10	12°55	17°55	9°36	28°51	12°34	26°14	22°28	5°41	6°10	23° 5	n.a.								
M12	23 33 51	23°34'00	27°44	5°14	14° 9	17°37	9°32	28°51	12°36	26°15	22°27	5°R41	6° 7	23°12	n.a.								
T 13	23 37 48	24°35'17	11♌36	5°28	15°24	17°18	9°28	28°50	12°37	26°17	22°26	5°41	6° 4	23°18	n.a.								
W14	23 41 44	25°36'34	25°14	5°50	16°39	16°59	9°25	28°49	12°39	26°18	22°25	5°40	6° 0	23°25	n.a.								
T 15	23 45 41	26°37'52	8♌39	6°21	17°54	16°39	9°21	28°48	12°41	26°19	22°24	5°39	5°57	23°32	n.a.								
F 16	23 49 37	27°39'11	21°50	7° 0	19° 9	16°18	9°18	28°47	12°42	26°21	22°23	5°37	5°54	23°38	n.a.								
S 17	23 53 34	28°40'31	4♍48	7°44	20°24	15°57	9°15	28°46	12°44	26°22	22°22	5°36	5°51	23°45	n.a.								
S 18	23 57 30	29°41'52	17°33	8°35	21°39	15°36	9°12	28°45	12°45	26°23	22°21	5°36	5°48	23°52	n.a.								
M19	0 1 27	0♌43'13	0♌4	9°30	22°54	15°14	9°10	28°43	12°47	26°25	22°20	5°D36	5°44	23°58	n.a.								
T 20	0 5 23	1°44'35	12°24	10°30	24° 8	14°51	9° 8	28°42	12°48	26°26	22°20	5°36	5°41	24° 5	n.a.								
W21	0 9 20	2°45'57	24°33	11°34	25°23	14°28	9° 5	28°40	12°50	26°27	22°19	5°36	5°38	24°12	n.a.								
T 22	0 13 16	3°47'19	6♌33	12°41	26°38	14° 5	9° 3	28°38	12°51	26°28	22°18	5°36	5°35	24°18	n.a.								
F 23	0 17 13	4°48'42	18°27	13°51	27°53	13°42	9° 2	28°37	12°52	26°29	22°17	5°36	5°32	24°25	n.a.								
S 24	0 21 10	5°50'04	0♌16	15° 3	29° 7	13°18	9° 0	28°35	12°53	26°30	22°16	5°R36	5°29	24°32	n.a.								
S 25	0 25 6	6°51'27	12° 6	16°18	0♌22	12°54	8°59	28°33	12°55	26°31	22°15	5°36	5°25	24°38	n.a.								
M26	0 29 3	7°52'50	24° 0	17°35	1°37	12°31	8°58	28°31	12°56	26°32	22°15	5°36	5°22	24°45	n.a.								
T 27	0 32 59	8°54'13	6♌3	18°54	2°52	12° 6	8°57	28°28	12°57	26°33	22°14	5°D36	5°19	24°52	n.a.								
W28	0 36 56	9°55'36	18°20	20°14	4° 6	11°42	8°56	28°26	12°58	26°34	22°13	5°36	5°16	24°59	n.a.								
T 29	0 40 52	10°56'58	0♌54	21°35	5°21	11°18	8°56	28°24	12°59	26°35	22°12	5°36	5°13	25° 5	n.a.								
F 30	0 44 49	11°58'21	13°50	22°57	6°35	10°54	8°55	28°21	12°59	26°36	22°12	5°37	5°10	25°12	n.a.								
S 31	0 48 45	12♌59'43	27♌11	24°21	7♌50	10°Y31	8°D55	28♄18	13♄0	26♄37	22♌11	5♌37	5♌6	25♌19	n.a.								

Delta T = 24h42m49s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [7.2.2007]

SWISS EPHEMERIS for the year 3328 BCE

NOVEMBER 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	0 52 42	14♌1'04	10♋58	25♎45	9♍ 5	10°R 7	8♏55	28°R16	13♉ 1	26♉38	22°R10	5♌38	5♌ 3	25♍25	n.a.								
M 2	0 56 39	15° 2'26	25°10	27°11	10°19	9°V43	8°56	28♉13	13° 2	26°38	22♌10	5°39	5° 0	25°32	n.a.								
T 3	1 0 35	16° 3'47	9°V44	28°37	11°34	9°20	8°56	28°10	13° 2	26°39	22° 9	5°R39	4°57	25°39	n.a.								
W 4	1 4 32	17° 5'08	24°35	0♌ 4	12°48	8°57	8°57	28° 7	13° 3	26°40	22° 9	5°38	4°54	25°45	n.a.								
T 5	1 8 28	18° 6'29	9♉33	1°31	14° 3	8°34	8°58	28° 4	13° 3	26°40	22° 8	5°37	4°50	25°52	n.a.								
F 6	1 12 25	19° 7'50	24°32	2°59	15°17	8°12	8°59	28° 1	13° 4	26°41	22° 7	5°36	4°47	25°59	n.a.								
S 7	1 16 21	20° 9'11	9♎22	4°27	16°31	7°50	9° 1	27°57	13° 4	26°42	22° 7	5°34	4°44	26° 5	n.a.								
S 8	1 20 18	21°10'32	23°58	5°56	17°46	7°29	9° 2	27°54	13° 5	26°42	22° 6	5°32	4°41	26°12	n.a.								
M 9	1 24 14	22°11'53	8♉13	7°26	19° 0	7° 8	9° 4	27°51	13° 5	26°43	22° 6	5°31	4°38	26°19	n.a.								
T 10	1 28 11	23°13'14	22° 7	8°56	20°14	6°48	9° 6	27°47	13° 5	26°43	22° 5	5°D30	4°35	26°26	n.a.								
W11	1 32 8	24°14'35	5♌39	10°26	21°29	6°28	9° 8	27°44	13° 5	26°44	22° 5	5°31	4°31	26°32	n.a.								
T 12	1 36 4	25°15'55	18°50	11°57	22°43	6° 9	9°11	27°40	13° 6	26°44	22° 4	5°32	4°28	26°39	n.a.								
F 13	1 40 1	26°17'15	1♎43	13°28	23°57	5°50	9°13	27°36	13° 6	26°45	22° 4	5°33	4°25	26°46	n.a.								
S 14	1 43 57	27°18'35	14°21	15° 0	25°11	5°32	9°16	27°32	13°R 6	26°45	22° 4	5°35	4°22	26°52	n.a.								
S 15	1 47 54	28°19'54	26°46	16°32	26°26	5°15	9°19	27°28	13° 6	26°45	22° 3	5°36	4°19	26°59	n.a.								
M16	1 51 50	29°21'13	9♌ 0	18° 5	27°40	4°58	9°22	27°24	13° 6	26°46	22° 3	5°R36	4°15	27° 6	n.a.								
T 17	1 55 47	0♌22'31	21° 7	19°38	28°54	4°43	9°25	27°20	13° 5	26°46	22° 3	5°35	4°12	27°12	n.a.								
W18	1 59 43	1°23'49	3♌ 6	21°12	0♌ 8	4°27	9°29	27°16	13° 5	26°46	22° 2	5°33	4° 9	27°19	n.a.								
T 19	2 3 40	2°25'05	15° 1	22°46	1°22	4°13	9°33	27°12	13° 5	26°46	22° 2	5°29	4° 6	27°26	n.a.								
F 20	2 7 36	3°26'21	26°52	24°20	2°36	4° 0	9°37	27° 8	13° 5	26°46	22° 2	5°24	4° 3	27°33	n.a.								
S 21	2 11 33	4°27'36	8♌42	25°55	3°50	3°47	9°41	27° 4	13° 4	26°47	22° 1	5°19	4° 0	27°39	n.a.								
S 22	2 15 30	5°28'50	20°33	27°30	5° 4	3°35	9°45	26°59	13° 4	26°47	22° 1	5°13	3°56	27°46	n.a.								
M23	2 19 26	6°30'03	2♉28	29° 6	6°18	3°24	9°50	26°55	13° 3	26°47	22° 1	5° 8	3°53	27°53	n.a.								
T 24	2 23 23	7°31'15	14°30	0♌43	7°32	3°13	9°54	26°51	13° 3	26°R47	22° 1	5° 4	3°50	27°59	n.a.								
W25	2 27 19	8°32'26	26°43	2°20	8°46	3° 4	9°59	26°46	13° 2	26°47	22° 1	5° 2	3°47	28° 6	n.a.								
T 26	2 31 16	9°33'35	9♌11	3°57	10° 0	2°55	10° 4	26°42	13° 1	26°47	22° 0	5°D 1	3°44	28°13	n.a.								
F 27	2 35 12	10°34'43	21°59	5°36	11°14	2°47	10°10	26°37	13° 1	26°47	22° 0	5° 2	3°41	28°19	n.a.								
S 28	2 39 9	11°35'49	5♋11	7°14	12°27	2°40	10°15	26°32	13° 0	26°46	22° 0	5° 3	3°37	28°26	n.a.								
S 29	2 43 5	12°36'54	18°49	8°54	13°41	2°34	10°21	26°28	12°59	26°46	22° 0	5° 5	3°34	28°33	n.a.								
M30	2 47 2	13♌37'57	2♂56	10♌33	14♌55	2♂28	10♌26	26♉23	12♉58	26♉46	22♌ 0	5°R 6	3♌31	28♌40	n.a.								

Delta T = 24h42m46s Julian Calendar 1 Nov. 3328 BCE == Greg. Calendar 5 Oct. 3328 BCE
 The year -3327 astronomical counting style corresponds to year 3328 B.C.E historical counting style.

DECEMBER 3328 BCE (-3327) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	2 50 59	14♌38'59	17°V30	12♌14	16♌ 8	2°R24	10♏32	26°R18	12°R57	26°R46	22°R 0	5°R 5	3♌28	28♌46	n.a.								
W 2	2 54 55	15°40'00	2♉27	13°55	17°22	2°V20	10°38	26♉14	12♉56	26♉46	22°D 0	5♌ 3	3°25	28°53	n.a.								
T 3	2 58 52	16°40'59	17°40	15°37	18°35	2°17	10°45	26° 9	12°55	26°45	22♌ 0	4°58	3°21	29° 0	n.a.								
F 4	3 2 48	17°41'57	2♎58	17°20	19°49	2°14	10°51	26° 4	12°54	26°45	22° 0	4°52	3°18	29° 6	n.a.								
S 5	3 6 45	18°42'54	18°11	19° 3	21° 2	2°13	10°58	25°59	12°53	26°45	22° 0	4°45	3°15	29°13	n.a.								
S 6	3 10 41	19°43'49	3♉ 8	20°47	22°15	2°12	11° 5	25°54	12°52	26°44	22° 0	4°38	3°12	29°20	n.a.								
M 7	3 14 38	20°44'44	17°41	22°31	23°29	2°D12	11°11	25°50	12°51	26°44	22° 0	4°33	3° 9	29°26	n.a.								
T 8	3 18 34	21°45'37	1♎48	24°17	24°42	2°13	11°19	25°45	12°49	26°43	22° 0	4°29	3° 6	29°33	n.a.								
W 9	3 22 31	22°46'29	15°25	26° 2	25°55	2°14	11°26	25°40	12°48	26°43	22° 1	4°27	3° 2	29°40	n.a.								
T 10	3 26 28	23°47'20	28°36	27°49	27° 8	2°16	11°33	25°35	12°47	26°43	22° 1	4°D27	2°59	29°47	n.a.								
F 11	3 30 24	24°48'09	11♎24	29°36	28°21	2°19	11°41	25°30	12°45	26°42	22° 1	4°28	2°56	29°53	n.a.								
S 12	3 34 21	25°48'57	23°53	1♌23	29°34	2°23	11°48	25°25	12°44	26°41	22° 1	4°29	2°53	0♌ 0	n.a.								
S 13	3 38 17	26°49'44	6♌ 6	3°11	0♌47	2°27	11°56	25°20	12°42	26°41	22° 1	4°R29	2°50	0° 7	n.a.								
M14	3 42 14	27°50'29	18° 9	5° 0	2° 0	2°32	12° 4	25°16	12°41	26°40	22° 2	4°28	2°47	0°13	n.a.								
T 15	3 46 10	28°51'13	0♌ 6	6°48	3°13	2°38	12°12	25°11	12°39	26°39	22° 2	4°25	2°43	0°20	n.a.								
W16	3 50 7	29°51'55	11°58	8°37	4°26	2°44	12°21	25° 6	12°38	26°39	22° 2	4°19	2°40	0°27	n.a.								
T 17	3 54 3	0♌52'36	23°48	10°26	5°39	2°51	12°29	25° 1	12°36	26°38	22° 3	4°10	2°37	0°33	n.a.								
F 18	3 58 0	1°53'14	5♌39	12°15	6°51	2°59	12°38	24°56	12°34	26°37	22° 3	3°59	2°34	0°40	n.a.								
S 19	4 1 57	2°53'52	17°31	14° 3	8° 4	3° 7	12°46	24°51	12°32	26°36	22° 3	3°47	2°31	0°47	n.a.								
S 20	4 5 53	3°54'27	29°26	15°51	9°16	3°16	12°55	24°47	12°31	26°36	22° 4	3°35	2°27	0°54	n.a.								
M21	4 9 50	4°55'00	11♉26	17°38	10°29	3°26	13° 4	24°42	12°29	26°35	22° 4	3°24	2°24	1° 0	n.a.								
T 22	4 13 46	5°55'32	23°33	19°23	11°41	3°36	13°13	24°37	12°27	26°34	22° 4	3°15	2°21	1° 7	n.a.								
W23	4 17 43	6°56'01	5♌48	21° 7	12°54	3°46	13°22	24°32	12°25	26°33	22° 5	3° 7	2°18	1°14	n.a.								
T 24	4 21 39	7°56'28	18°16	22°49	14° 6	3°58	13°32	24°28	12°23	26°32	22° 5	3° 3	2°15	1°20	n.a.								
F 25	4 25 36	8°56'53	1♋ 0	24°29	15°18	4° 9	13°41	24°23	12°21	26°31	22° 6	3° 1	2°12	1°27	n.a.								
S 26	4 29 32	9°57'15	14° 4	26° 5	16°30	4°22	13°51	24°18	12°19	26°30	22° 6	3°D 1	2° 8	1°34	n.a.								
S 27	4 33 29	10°57'36	27°32	27°38	17°42	4°34	14° 0	24°14	12°17	26°29	22° 7	3°R 1	2° 5	1°40	n.a.								
M28	4 37 26	11°57'54	11°V25	29° 6	18°54	4°48	14°10	24° 9	12°15	26°28	22° 7	3° 1	2° 2	1°47	n.a.								
T 29	4 41 22	12°58'09	25°46	0♉30	20° 6	5° 2	14°20	24° 5	12°13	26°27	22° 8	2°59	1°59	1°54	n.a.								
W30	4 45 19	13°58'23	10♉33	1°48	21°17	5°16	14°30	24° 0	12°11	26°26	22° 9	2°55	1°56	2° 1	n.a.								
T 31	4 49 15	14♌58'34	25♉39	3♉ 1	22♉29	5°V31	14♌40	23♉56	12♉ 8	26♉25	22♌ 9	2♌48	1♌53	2♌ 7	n.a.								

Delta T = 24h42m43s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]