

SWISS EPHEMERIS for the year 2090 BCE

JANUARY 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	5 28 40	24 [♌] 13'08	28 [♍] 0	9 [♎] R47	27 [♏] 52	18 [♐] 57	25 [♑] R16	5 [♒] R34	8 [♓] R24	12 [♈] 26	15 [♉] 34	15 [♊] R27	14 [♋] 27	6 [♌] 39	n.a.
F 2	5 32 37	25 [♌] 13'38	12 [♍] 16	9 [♎] 347	29 [♏] 7	19 [♐] 43	25 [♑] II 8	5 [♒] II30	8 [♓] Y24	12 [♈] 28	15 [♉] 34	15 [♊] Y24	14 [♋] 24	6 [♌] 46	n.a.
S 3	5 36 33	26 [♌] 14'07	26 [♍] 30	9 [♎] 36	0 [♏] 21	20 [♐] 29	25 [♑] 0	5 [♒] 26	8 [♓] D24	12 [♈] 30	15 [♉] 34	15 [♊] 19	14 [♋] 20	6 [♌] 53	n.a.
S 4	5 40 30	27 [♌] 14'33	10 [♍] II39	9 [♎] 15	1 [♏] 36	21 [♐] 15	24 [♑] 52	5 [♒] 21	8 [♓] 24	12 [♈] 31	15 [♉] 35	15 [♊] 11	14 [♋] 17	6 [♌] 59	n.a.
M 5	5 44 26	28 [♌] 14'57	24 [♍] 38	8 [♎] 44	2 [♏] 51	22 [♐] 1	24 [♑] 44	5 [♒] 17	8 [♓] 24	12 [♈] 33	15 [♉] 35	15 [♊] 0	14 [♋] 14	7 [♌] 6	n.a.
T 6	5 48 23	29 [♌] 15'20	8 [♍] 22	8 [♎] 5	4 [♏] 6	22 [♐] 47	24 [♑] 37	5 [♒] 13	8 [♓] 25	12 [♈] 35	15 [♉] 35	14 [♊] 48	14 [♋] 11	7 [♌] 13	n.a.
W 7	5 52 19	0 [♌] 15'41	21 [♍] 48	7 [♎] 18	5 [♏] 21	23 [♐] 32	24 [♑] 29	5 [♒] 8	8 [♓] 25	12 [♈] 37	15 [♉] 36	14 [♊] 36	14 [♋] 8	7 [♌] 19	n.a.
T 8	5 56 16	1 [♌] 15'59	4 [♍] 52	6 [♎] 24	6 [♏] 36	24 [♐] 18	24 [♑] 21	5 [♒] 4	8 [♓] 25	12 [♈] 38	15 [♉] 36	14 [♊] 24	14 [♋] 5	7 [♌] 26	n.a.
F 9	6 0 12	2 [♌] 16'16	17 [♍] 36	5 [♎] 25	7 [♏] 50	25 [♐] 4	24 [♑] 13	5 [♒] 0	8 [♓] 25	12 [♈] 40	15 [♉] 37	14 [♊] 15	14 [♋] 1	7 [♌] 33	n.a.
S 10	6 4 9	3 [♌] 16'31	0 [♍] 1	4 [♎] 23	9 [♏] 5	25 [♐] 50	24 [♑] 5	4 [♒] 56	8 [♓] 26	12 [♈] 42	15 [♉] 37	14 [♊] 8	13 [♋] 58	7 [♌] 39	n.a.
S 11	6 8 6	4 [♌] 16'45	12 [♍] 9	3 [♎] 18	10 [♏] 20	26 [♐] 35	23 [♑] 58	4 [♒] 52	8 [♓] 26	12 [♈] 44	15 [♉] 38	14 [♊] 4	13 [♋] 55	7 [♌] 46	n.a.
M12	6 12 2	5 [♌] 16'56	24 [♍] 5	2 [♎] 13	11 [♏] 35	27 [♐] 21	23 [♑] 50	4 [♒] 48	8 [♓] 26	12 [♈] 46	15 [♉] 38	14 [♊] 2	13 [♋] 52	7 [♌] 52	n.a.
T 13	6 15 59	6 [♌] 17'06	5 [♍] 54	1 [♎] 10	12 [♏] 49	28 [♐] 6	23 [♑] 42	4 [♒] 44	8 [♓] 27	12 [♈] 48	15 [♉] 39	14 [♊] D 1	13 [♋] 49	7 [♌] 59	n.a.
W14	6 19 55	7 [♌] 17'14	17 [♍] 42	0 [♎] 9	14 [♏] 4	28 [♐] 52	23 [♑] 35	4 [♒] 41	8 [♓] 27	12 [♈] 50	15 [♉] 40	14 [♊] R 1	13 [♋] 45	8 [♌] 6	n.a.
T 15	6 23 52	8 [♌] 17'21	29 [♍] 34	29 [♎] 12	15 [♏] 19	29 [♐] 37	23 [♑] 27	4 [♒] 37	8 [♓] 28	12 [♈] 51	15 [♉] 40	14 [♊] 1	13 [♋] 42	8 [♌] 12	n.a.
F 16	6 27 48	9 [♌] 17'25	11 [♍] 36	28 [♎] 19	16 [♏] 34	0 [♐] 23	23 [♑] 20	4 [♒] 33	8 [♓] 29	12 [♈] 53	15 [♉] 41	13 [♊] 58	13 [♋] 39	8 [♌] 19	n.a.
S 17	6 31 45	10 [♌] 17'28	23 [♍] 51	27 [♎] 32	17 [♏] 48	1 [♐] 8	23 [♑] 12	4 [♒] 30	8 [♓] 29	12 [♈] 55	15 [♉] 41	13 [♊] 53	13 [♋] 36	8 [♌] 26	n.a.
S 18	6 35 41	11 [♌] 17'29	6 [♍] 52	26 [♎] 52	19 [♏] 3	1 [♐] 54	23 [♑] 5	4 [♒] 26	8 [♓] 30	12 [♈] 57	15 [♉] 42	13 [♊] 45	13 [♋] 33	8 [♌] 32	n.a.
M19	6 39 38	12 [♌] 17'28	19 [♍] 18	26 [♎] 18	20 [♏] 17	2 [♐] 39	22 [♑] 58	4 [♒] 23	8 [♓] 31	12 [♈] 59	15 [♉] 43	13 [♊] 35	13 [♋] 30	8 [♌] 39	n.a.
T 20	6 43 35	13 [♌] 17'25	2 [♍] 32	25 [♎] 50	21 [♏] 32	3 [♐] 24	22 [♑] 51	4 [♒] 20	8 [♓] 32	13 [♈] 1	15 [♉] 44	13 [♊] 23	13 [♋] 26	8 [♌] 46	n.a.
W21	6 47 31	14 [♌] 17'20	16 [♍] 6	25 [♎] 30	22 [♏] 47	4 [♐] 9	22 [♑] 44	4 [♒] 17	8 [♓] 33	13 [♈] 3	15 [♉] 44	13 [♊] 10	13 [♋] 23	8 [♌] 52	n.a.
T 22	6 51 28	15 [♌] 17'12	29 [♍] 55	25 [♎] 16	24 [♏] 1	4 [♐] 55	22 [♑] 37	4 [♒] 13	8 [♓] 34	13 [♈] 5	15 [♉] 45	12 [♊] 57	13 [♋] 20	8 [♌] 59	n.a.
F 23	6 55 24	16 [♌] 17'03	13 [♍] 56	25 [♎] 9	25 [♏] 16	5 [♐] 40	22 [♑] 30	4 [♒] 10	8 [♓] 35	13 [♈] 7	15 [♉] 46	12 [♊] 46	13 [♋] 17	9 [♌] 6	n.a.
S 24	6 59 21	17 [♌] 16'51	28 [♍] 5	25 [♎] D 8	26 [♏] 30	6 [♐] 25	22 [♑] 24	4 [♒] 8	8 [♓] 36	13 [♈] 10	15 [♉] 47	12 [♊] 38	13 [♋] 14	9 [♌] 12	n.a.
S 25	7 3 17	18 [♌] 16'37	12 [♍] 17	25 [♎] 13	27 [♏] 45	7 [♐] 10	22 [♑] 17	4 [♒] 5	8 [♓] 37	13 [♈] 12	15 [♉] 47	12 [♊] 33	13 [♋] 11	9 [♌] 19	n.a.
M26	7 7 14	19 [♌] 16'20	26 [♍] 28	25 [♎] 25	28 [♏] 59	7 [♐] 55	22 [♑] 11	4 [♒] 2	8 [♓] 38	13 [♈] 14	15 [♉] 48	12 [♊] 31	13 [♋] 7	9 [♌] 26	n.a.
T 27	7 11 10	20 [♌] 16'01	10 [♍] Y38	25 [♎] 41	0 [♏] 14	8 [♐] 40	22 [♑] 5	3 [♒] 59	8 [♓] 39	13 [♈] 16	15 [♉] 49	12 [♊] D30	13 [♋] 4	9 [♌] 32	n.a.
W28	7 15 7	21 [♌] 15'39	24 [♍] 43	26 [♎] 3	1 [♏] 28	9 [♐] 25	21 [♑] 58	3 [♒] 57	8 [♓] 41	13 [♈] 18	15 [♉] 50	12 [♊] R30	13 [♋] 1	9 [♌] 39	n.a.
T 29	7 19 4	22 [♌] 15'15	8 [♍] 44	26 [♎] 30	2 [♏] 43	10 [♐] 10	21 [♑] 52	3 [♒] 54	8 [♓] 42	13 [♈] 20	15 [♉] 51	12 [♊] 29	12 [♋] 58	9 [♌] 45	n.a.
F 30	7 23 0	23 [♌] 14'48	22 [♍] 40	27 [♎] 1	3 [♏] 57	10 [♐] 54	21 [♑] 47	3 [♒] 52	8 [♓] 43	13 [♈] 22	15 [♉] 52	12 [♊] 26	12 [♋] 55	9 [♌] 52	n.a.
S 31	7 26 57	24 [♌] 14'19	6 [♍] II30	27 [♎] 37	5 [♏] 11	11 [♐] 39	21 [♑] II41	3 [♒] II50	8 [♓] Y45	13 [♈] 24	15 [♉] Y52	12 [♊] Y21	12 [♋] Y51	9 [♌] 59	n.a.

Delta T = 14h06m08s Julian Calendar 1 Jan. 2090 BCE == Greg. Calendar 15 Dec. 2091 BCE
 The year -2089 astronomical counting style corresponds to year 2090 B.C.E historical counting style.

FEBRUARY 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	7 30 53	25 [♌] 13'47	20 [♍] II12	28 [♎] 17	6 [♏] 26	12 [♐] 24	21 [♑] R35	3 [♒] R48	8 [♓] Y46	13 [♈] 27	15 [♉] Y53	12 [♊] R13	12 [♋] Y48	10 [♌] 5	n.a.
M 2	7 34 50	26 [♌] 13'13	3 [♍] 45	29 [♎] 0	7 [♏] 40	13 [♐] 9	21 [♑] II30	3 [♒] II46	8 [♓] 48	13 [♈] 29	15 [♉] 54	12 [♊] Y 2	12 [♋] 45	10 [♌] 12	n.a.
T 3	7 38 46	27 [♌] 12'37	17 [♍] 5	29 [♎] 47	8 [♏] 54	13 [♐] 53	21 [♑] 24	3 [♒] 44	8 [♓] 49	13 [♈] 31	15 [♉] 55	11 [♊] 50	12 [♋] 42	10 [♌] 19	n.a.
W 4	7 42 43	28 [♌] 11'59	0 [♍] II11	0 [♎] 38	10 [♏] 9	14 [♐] 38	21 [♑] 19	3 [♒] 42	8 [♓] 51	13 [♈] 33	15 [♉] 56	11 [♊] 38	12 [♋] 39	10 [♌] 25	n.a.
T 5	7 46 40	29 [♌] 11'18	13 [♍] 2	1 [♎] 32	11 [♏] 23	15 [♐] 22	21 [♑] 14	3 [♒] 40	8 [♓] 53	13 [♈] 35	15 [♉] 57	11 [♊] 26	12 [♋] 36	10 [♌] 32	n.a.
F 6	7 50 36	0 [♌] 10'35	25 [♍] 36	2 [♎] 28	12 [♏] 37	16 [♐] 7	21 [♑] 10	3 [♒] 38	8 [♓] 54	13 [♈] 38	15 [♉] 58	11 [♊] 16	12 [♋] 32	10 [♌] 39	n.a.
S 7	7 54 33	1 [♌] 9'50	7 [♍] 55	3 [♎] 28	13 [♏] 51	16 [♐] 51	21 [♑] 5	3 [♒] 37	8 [♓] 56	13 [♈] 40	15 [♉] 59	11 [♊] 9	12 [♋] 29	10 [♌] 45	n.a.
S 8	7 58 29	2 [♌] 9'03	20 [♍] 0	4 [♎] 30	15 [♏] 6	17 [♐] 36	21 [♑] 0	3 [♒] 35	8 [♓] 58	13 [♈] 42	16 [♉] 0	11 [♊] 4	12 [♋] 26	10 [♌] 52	n.a.
M 9	8 2 26	3 [♌] 8'13	1 [♍] 55	5 [♎] 34	16 [♏] 20	18 [♐] 20	20 [♑] 56	3 [♒] 34	9 [♓] 0	13 [♈] 44	16 [♉] 1	11 [♊] 2	12 [♋] 23	10 [♌] 59	n.a.
T 10	8 6 22	4 [♌] 7'22	13 [♍] 44	6 [♎] 42	17 [♏] 34	19 [♐] 4	20 [♑] 52	3 [♒] 33	9 [♓] 1	13 [♈] 46	16 [♉] 2	11 [♊] D 2	12 [♋] 20	11 [♌] 5	n.a.
W11	8 10 19	5 [♌] 6'29	25 [♍] 32	7 [♎] 51	18 [♏] 48	19 [♐] 48	20 [♑] 48	3 [♒] 32	9 [♓] 3	13 [♈] 49	16 [♉] 3	11 [♊] 2	12 [♋] 17	11 [♌] 12	n.a.
T 12	8 14 15	6 [♌] 5'33	7 [♍] II24	9 [♎] 2	20 [♏] 2	20 [♐] 33	20 [♑] 44	3 [♒] 31	9 [♓] 5	13 [♈] 51	16 [♉] 4	11 [♊] R 3	12 [♋] 13	11 [♌] 19	n.a.
F 13	8 18 12	7 [♌] 4'36	19 [♍] 26	10 [♎] 16	21 [♏] 16	21 [♐] 17	20 [♑] 40	3 [♒] 30	9 [♓] 7	13 [♈] 53	16 [♉] 6	11 [♊] 2	12 [♋] 10	11 [♌] 25	n.a.
S 14	8 22 9	8 [♌] 3'37	1 [♍] 43	11 [♎] 32	22 [♏] 30	22 [♐] 1	20 [♑] 37	3 [♒] 29	9 [♓] 9	13 [♈] 55	16 [♉] 7	10 [♊] 59	12 [♋] 7	11 [♌] 32	n.a.
S 15	8 26 5	9 [♌] 2'36	14 [♍] 19	12 [♎] 49	23 [♏] 44	22 [♐] 45	20 [♑] 34	3 [♒] 28	9 [♓] 11	13 [♈] 58	16 [♉] 8	10 [♊] 54	12 [♋] 4	11 [♌] 38	n.a.
M16	8 30 2	10 [♌] 1'34	27 [♍] 18	14 [♎] 9	24 [♏] 58	23 [♐] 29	20 [♑] 30	3 [♒] 28	9 [♓] 14	14 [♈] 0	16 [♉] 9	10 [♊] 47	12 [♋] 1	11 [♌] 45	n.a.
T 17	8 33 58	11													

SWISS EPHEMERIS for the year 2090 BCE

MARCH 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	9 21 17	22 ⁴⁴ 44'36	0 ⁵² 22	3 ⁵⁶ 56	10 ⁵⁸ 58	2 ⁵⁶ 56	20°R 6	3 ³⁰ 30	9 ⁴⁵ 45	14 ²⁹ 29	16 ²⁵ 25	9°R53	11 ¹⁹ 19	13 ¹² 12	n.a.		
M 2	9 25 13	23°43'01	13°32	5°39	12°11	3°40	20 ^{II} 6	3°31	9°48	14°32	16°26	9 ⁴⁷ 47	11°16	13°18	n.a.		
T 3	9 29 10	24°41'24	26°29	7°23	13°25	4°23	20° 6	3°32	9°50	14°34	16°27	9°39	11°13	13°25	n.a.		
W 4	9 33 7	25°39'45	9 ¹³ 13	9° 9	14°39	5° 6	20°D 5	3°33	9°53	14°36	16°28	9°31	11°10	13°31	n.a.		
T 5	9 37 3	26°38'04	21°45	10°57	15°52	5°49	20° 5	3°35	9°56	14°38	16°30	9°24	11° 7	13°38	n.a.		
F 6	9 41 0	27°36'21	4 ¹¹ 11	12°46	17° 6	6°32	20° 6	3°36	9°58	14°41	16°31	9°17	11° 3	13°45	n.a.		
S 7	9 44 56	28°34'35	16°13	14°36	18°19	7°15	20° 6	3°38	10° 1	14°43	16°32	9°13	11° 0	13°51	n.a.		
S 8	9 48 53	29°32'48	28°12	16°29	19°32	7°58	20° 7	3°39	10° 4	14°45	16°34	9°11	10°57	13°58	n.a.		
M 9	9 52 49	0 ³⁰ 30'59	10 ¹² 12	18°23	20°46	8°41	20° 7	3°41	10° 7	14°47	16°35	9°D10	10°54	14° 5	n.a.		
T 10	9 56 46	1°29'09	21°52	20°18	21°59	9°24	20° 8	3°43	10°10	14°49	16°36	9°11	10°51	14°11	n.a.		
W11	10 0 42	2°27'16	3 ¹¹ 11	22°16	23°12	10° 7	20°10	3°45	10°13	14°52	16°38	9°12	10°48	14°18	n.a.		
T 12	10 4 39	3°25'22	15°32	24°15	24°26	10°50	20°11	3°47	10°16	14°54	16°39	9°14	10°44	14°25	n.a.		
F 13	10 8 36	4°23'27	27°34	26°15	25°39	11°32	20°12	3°49	10°19	14°56	16°40	9°15	10°41	14°31	n.a.		
S 14	10 12 32	5°21'29	9 ¹⁵ 15	28°17	26°52	12°15	20°14	3°51	10°22	14°58	16°42	9°R15	10°38	14°38	n.a.		
S 15	10 16 29	6°19'31	22°25	0 ²⁰ 20	28° 5	12°58	20°16	3°53	10°25	15° 0	16°43	9°14	10°35	14°45	n.a.		
M16	10 20 25	7°17'31	5 ²³ 23	2°25	29°19	13°40	20°18	3°56	10°28	15° 2	16°44	9°11	10°32	14°51	n.a.		
T 17	10 24 22	8°15'29	18°46	4°31	0 ³² 32	14°23	20°20	3°58	10°31	15° 4	16°46	9° 8	10°28	14°58	n.a.		
W18	10 28 18	9°13'26	2 ³⁷ 37	6°38	1°45	15° 5	20°23	4° 1	10°34	15° 7	16°47	9° 3	10°25	15° 5	n.a.		
T 19	10 32 15	10°11'21	16°53	8°46	2°58	15°48	20°25	4° 3	10°37	15° 9	16°48	8°59	10°22	15°11	n.a.		
F 20	10 36 11	11° 9'14	1 ³⁰ 30	10°55	4°11	16°30	20°28	4° 6	10°40	15°11	16°50	8°55	10°19	15°18	n.a.		
S 21	10 40 8	12° 7'06	16°21	13° 4	5°24	17°13	20°31	4° 9	10°44	15°13	16°51	8°53	10°16	15°24	n.a.		
S 22	10 44 5	13° 4'56	1 ²⁰ 20	15°14	6°37	17°55	20°34	4°12	10°47	15°15	16°52	8°52	10°13	15°31	n.a.		
M23	10 48 1	14° 2'44	16°17	17°23	7°50	18°37	20°37	4°15	10°50	15°17	16°54	8°D51	10° 9	15°38	n.a.		
T 24	10 51 58	15° 0'31	1 ⁸ 8	19°33	9° 3	19°19	20°41	4°18	10°53	15°19	16°55	8°52	10° 6	15°44	n.a.		
W25	10 55 54	15°58'15	15°38	21°42	10°15	20° 2	20°44	4°22	10°56	15°21	16°57	8°54	10° 3	15°51	n.a.		
T 26	10 59 51	16°55'58	29°52	23°51	11°28	20°44	20°48	4°25	11° 0	15°23	16°58	8°55	10° 0	15°58	n.a.		
F 27	11 3 47	17°53'40	13 ¹¹ 11	25°58	12°41	21°26	20°52	4°28	11° 3	15°25	16°59	8°R56	9°57	16° 4	n.a.		
S 28	11 7 44	18°51'19	27°19	28° 4	13°54	22° 8	20°56	4°32	11° 6	15°27	17° 1	8°55	9°54	16°11	n.a.		
S 29	11 11 40	19°48'56	10 ³³ 33	0 ⁹ 9	15° 6	22°50	21° 0	4°36	11°10	15°29	17° 2	8°54	9°50	16°18	n.a.		
M30	11 15 37	20°46'32	23°29	2°12	16°19	23°32	21° 5	4°39	11°13	15°31	17° 3	8°53	9°47	16°24	n.a.		
T 31	11 19 34	21 ⁴⁴ 44'06	6 ¹⁰ 10	4 ¹² 12	17 ³² 32	24 ¹³ 13	21 ^{II} 9	4 ⁴³ 43	11 ¹⁶ 16	15 ³³ 33	17 ⁵ 5	8 ⁵⁰ 50	9 ⁴⁴ 44	16 ³¹ 31	n.a.		

Delta T = 14h06m04s Julian Calendar 1 March 2090 BCE == Greg. Calendar 12 Feb. 2090 BCE
 The year -2089 astronomical counting style corresponds to year 2090 B.C.E historical counting style.

APRIL 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	11 23 30	22 ⁴¹ 41'39	18 ³⁷ 37	6 ¹¹ 11	18 ⁴⁴ 44	24 ⁵⁵ 55	21 ^{II} 14	4 ⁴⁷ 47	11 ²⁰ 20	15 ³⁵ 35	17 ⁶ 6	8°R48	9 ⁴¹ 41	16 ³⁸ 38	n.a.		
T 2	11 27 27	23°39'09	0 ⁵² 52	8° 7	19°57	25°37	21°19	4°51	11°23	15°36	17° 7	8 ⁴⁶ 46	9°38	16°44	n.a.		
F 3	11 31 23	24°36'39	12°58	10° 0	21° 9	26°19	21°24	4°55	11°27	15°38	17° 9	8°44	9°34	16°51	n.a.		
S 4	11 35 20	25°34'07	24°56	11°51	22°22	27° 0	21°29	4°59	11°30	15°40	17°10	8°43	9°31	16°57	n.a.		
S 5	11 39 16	26°31'33	6 ⁴⁸ 48	13°39	23°34	27°42	21°35	5° 4	11°33	15°42	17°12	8°D42	9°28	17° 4	n.a.		
M 6	11 43 13	27°28'59	18°37	15°23	24°46	28°24	21°40	5° 8	11°37	15°44	17°13	8°43	9°25	17°11	n.a.		
T 7	11 47 9	28°26'23	0 ¹¹ 11	17° 5	25°59	29° 5	21°46	5°12	11°40	15°46	17°14	8°43	9°22	17°17	n.a.		
W 8	11 51 6	29°23'46	12°14	18°44	27°11	29°47	21°52	5°17	11°44	15°47	17°16	8°44	9°19	17°24	n.a.		
T 9	11 55 2	0 ²¹ 21'08	24° 9	20°20	28°23	0 ²⁸ 28	21°58	5°21	11°47	15°49	17°17	8°45	9°15	17°31	n.a.		
F 10	11 58 59	1°18'30	6 ¹² 12	21°53	29°35	1° 9	22° 4	5°26	11°51	15°51	17°18	8°46	9°12	17°37	n.a.		
S 11	12 2 56	2°15'50	18°28	23°22	0 ⁴⁸ 48	1°51	22°10	5°31	11°54	15°53	17°20	8°46	9° 9	17°44	n.a.		
S 12	12 6 52	3°13'10	1 ⁸ 8	24°48	2° 0	2°32	22°16	5°36	11°58	15°54	17°21	8°R46	9° 6	17°51	n.a.		
M13	12 10 49	4°10'29	13°56	26°11	3°12	3°13	22°23	5°40	12° 1	15°56	17°22	8°46	9° 3	17°57	n.a.		
T 14	12 14 45	5° 7'47	27°14	27°31	4°24	3°55	22°29	5°45	12° 5	15°58	17°24	8°46	9° 0	18° 4	n.a.		
W15	12 18 42	6° 5'05	10 ⁵⁹ 59	28°47	5°36	4°36	22°36	5°50	12° 8	15°59	17°25	8°46	8°56	18°11	n.a.		
T 16	12 22 38	7° 2'21	25°10	0 ⁸ 8	6°48	5°17	22°43	5°56	12°12	16° 1	17°26	8°46	8°53	18°17	n.a.		
F 17	12 26 35	7°59'37	9 ⁴⁵ 45	1° 9	8° 0	5°58	22°50	6° 1	12°15	16° 2	17°27	8°45	8°50	18°24	n.a.		
S 18	12 30 31	8°56'52	24°40	2°15	9°11	6°39	22°57	6° 6	12°19	16° 4	17°29	8°D45	8°47	18°31	n.a.		
S 19	12 34 28	9°54'06	9 ⁴⁷ 47	3°18	10°23	7°20	23° 5	6°11	12°22	16° 5	17°30	8°R45	8°44	18°37	n.a.		
M20	12 38 25	10°51'20	24°57	4°17	11°35	8° 1	23°12	6°17	12°26	16° 7	17°31	8°45	8°40	18°44	n.a.		
T 21	12 42 21	11°48'32	10 ⁸ 8	5°12	12°47	8°42	23°20	6°22	12°29	16° 8	17°33	8°45	8°37	18°50	n.a.		
W22	12 46 18	12°45'44	24°51	6° 3	13°58	9°23	23°27	6°28	12°33	16°10	17°34	8°45	8°34	18°57	n.a.		
T 23	12 50 14	13°42'55	9 ²⁰ 20	6°50	15°10	10° 4	23°35	6°33	12°36	16°11	17°35	8°44	8°31	19° 4	n.a.		
F 24	12 54 11	14°40'05	23°25	7°34	16°22	10°44	23°43	6°39	12°40	16°13	17°36	8°44	8°28	19°10	n.a.		
S 25	12 58 7	15°37'14	7 ³⁸ 38	8°13	17°33	11°25	23°51	6°45	12°43	16°14	17°38	8°44	8°25	19°17	n.a.		
S 26	13 2 4	16°34'22	20°17	8°48	18°45	12° 6	23°59	6°50	12°47	16°15	17°39	8°D43	8°21	19°24	n.a.		
M27	13 6 0	17°31'29	3 ⁹ 9	9°19	19°56	12°47	24° 8	6°56	12°50	16°17	17°40	8°44	8°18	19°30	n.a.		
T 28	13 9 57	18°28'35	15°41	9°46	21° 7	13°27	24°16	7° 2	12°54	16°18	17°41	8°44	8°15	19°37	n.a.		
W29	13 13 54	19°25'41	27°57	10° 8	22°19	14° 8	24°25	7° 8	12°57	16°19	17°42	8°45	8°12	19°44	n.a.		
T 30	13 17 50	20 ²² 22'45	10 ¹² 12	10 ²⁶ 26	23 ³⁰ 30	14 ⁴⁸ 48	24 ^{II} 33	7 ¹⁴ 14	13 ¹⁶ 16	16 ²⁰ 20	17 ⁴⁴ 44	8 ⁴⁶ 46	8 ⁹ 9	19 ⁵⁰ 50	n.a.		

Delta T = 14h06m02s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2090 BCE

MAY 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	13 21 47	21°19'49	21°18'58	10♂39	24♂41	15♂29	24♂42	7♂20	13♂4	16♂21	17♂45	8♂47	8♂5	19♂57	n.a.
S 2	13 25 43	22°16'53	3♂49	10♂48	25°52	16° 9	24°51	7°26	13° 8	16°23	17°46	8°R48	8° 2	20° 4	n.a.
S 3	13 29 40	23°13'56	15°37	10♂R52	27° 3	16°50	25° 0	7°33	13°11	16°24	17°47	8°48	7°59	20°10	n.a.
M 4	13 33 36	24°10'58	27°25	10°52	28°14	17°30	25° 9	7°39	13°15	16°25	17°48	8°47	7°56	20°17	n.a.
T 5	13 37 33	25° 8'00	9♂15	10°47	29°25	18°10	25°18	7°45	13°18	16°26	17°49	8°45	7°53	20°24	n.a.
W 6	13 41 29	26° 5'03	21°10	10°38	0♂36	18°50	25°27	7°51	13°22	16°27	17°50	8°43	7°50	20°30	n.a.
T 7	13 45 26	27° 2'05	3♂11	10°24	1°47	19°31	25°37	7°58	13°25	16°28	17°52	8°41	7°46	20°37	n.a.
F 8	13 49 23	27°59'06	15°20	10° 7	2°58	20°11	25°46	8° 4	13°29	16°29	17°53	8°38	7°43	20°44	n.a.
S 9	13 53 19	28°56'08	27°42	9°45	4° 8	20°51	25°56	8°11	13°32	16°30	17°54	8°35	7°40	20°50	n.a.
S 10	13 57 16	29°53'10	10♂18	9°21	5°19	21°31	26° 6	8°17	13°36	16°31	17°55	8°33	7°37	20°57	n.a.
M11	14 1 12	0♂50'13	23°11	8°53	6°30	22°11	26°15	8°24	13°39	16°32	17°56	8°32	7°34	21° 3	n.a.
T 12	14 5 9	1°47'15	6♂25	8°22	7°40	22°51	26°25	8°31	13°42	16°33	17°57	8°D32	7°31	21°10	n.a.
W13	14 9 5	2°44'17	20° 2	7°50	8°51	23°31	26°35	8°37	13°46	16°34	17°58	8°33	7°27	21°17	n.a.
T 14	14 13 2	3°41'20	4♂ 2	7°15	10° 1	24°11	26°45	8°44	13°49	16°34	17°59	8°34	7°24	21°23	n.a.
F 15	14 16 58	4°38'23	18°26	6°40	11°11	24°51	26°55	8°51	13°53	16°35	18° 0	8°35	7°21	21°30	n.a.
S 16	14 20 55	5°35'26	3♂10	6° 4	12°21	25°31	27° 6	8°58	13°56	16°36	18° 1	8°R36	7°18	21°37	n.a.
S 17	14 24 52	6°32'30	18°11	5°28	13°32	26°11	27°16	9° 5	13°59	16°37	18° 2	8°36	7°15	21°43	n.a.
M18	14 28 48	7°29'34	3♂20	4°53	14°42	26°51	27°26	9°11	14° 3	16°37	18° 3	8°34	7°11	21°50	n.a.
T 19	14 32 45	8°26'38	18°27	4°19	15°52	27°31	27°37	9°18	14° 6	16°38	18° 4	8°32	7° 8	21°57	n.a.
W20	14 36 41	9°23'42	3♂24	3°47	17° 2	28°10	27°47	9°25	14° 9	16°39	18° 5	8°28	7° 5	22° 3	n.a.
T 21	14 40 38	10°20'46	18° 3	3°18	18°12	28°50	27°58	9°32	14°12	16°39	18° 6	8°23	7° 2	22°10	n.a.
F 22	14 44 34	11°17'51	2♂17	2°52	19°22	29°30	28° 9	9°40	14°16	16°40	18° 7	8°19	6°59	22°17	n.a.
S 23	14 48 31	12°14'55	16° 3	2°29	20°31	0♂ 9	28°19	9°47	14°19	16°40	18° 7	8°15	6°56	22°23	n.a.
S 24	14 52 27	13°12'00	29°21	2°10	21°41	0°49	28°30	9°54	14°22	16°41	18° 8	8°13	6°52	22°30	n.a.
M25	14 56 24	14° 9'05	12♂14	1°55	22°51	1°29	28°41	10° 1	14°25	16°41	18° 9	8°D12	6°49	22°37	n.a.
T 26	15 0 21	15° 6'09	24°44	1°45	24° 0	2° 8	28°52	10° 8	14°28	16°42	18°10	8°12	6°46	22°43	n.a.
W27	15 4 17	16° 3'14	6♂57	1°39	25°10	2°48	29° 3	10°15	14°32	16°42	18°11	8°14	6°43	22°50	n.a.
T 28	15 8 14	17° 0'19	18°56	1°D39	26°19	3°27	29°14	10°23	14°35	16°42	18°12	8°15	6°40	22°57	n.a.
F 29	15 12 10	17°57'24	0♂48	1°44	27°28	4° 6	29°26	10°30	14°38	16°43	18°12	8°16	6°37	23° 3	n.a.
S 30	15 16 7	18°54'30	12°36	1°54	28°37	4°46	29°37	10°37	14°41	16°43	18°13	8°R17	6°33	23°10	n.a.
S 31	15 20 3	19♂51'36	24♂23	2♂10	29♂46	5♂25	29♂48	10♂45	14♂44	16♂43	18♂14	8♂15	6♂30	23♂16	n.a.

Delta T = 14h06m00s Julian Calendar 1 May 2090 BCE == Greg. Calendar 14 Apr. 2090 BCE
 The year -2089 astronomical counting style corresponds to year 2090 B.C.E historical counting style.

JUNE 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	15 24 0	20♂48'42	6♂14	2♂31	0♂55	6♂ 4	0♂ 0	10♂52	14♂47	16♂44	18♂15	8°R12	6♂27	23♂23	n.a.
T 2	15 27 56	21°45'49	18° 9	2°58	2° 4	6°44	0°11	10°59	14°50	16°44	18°15	8°Y 7	6°24	23°30	n.a.
W 3	15 31 53	22°42'57	0♂13	3°30	3°13	7°23	0°23	11° 7	14°53	16°44	18°16	8° 0	6°21	23°36	n.a.
T 4	15 35 50	23°40'06	12°25	4° 7	4°21	8° 2	0°34	11°14	14°56	16°44	18°17	7°52	6°17	23°43	n.a.
F 5	15 39 46	24°37'15	24°47	4°50	5°30	8°41	0°46	11°22	14°59	16°44	18°17	7°44	6°14	23°50	n.a.
S 6	15 43 43	25°34'26	7♂20	5°38	6°38	9°21	0°58	11°29	15° 2	16°44	18°18	7°36	6°11	23°56	n.a.
S 7	15 47 39	26°31'37	20° 6	6°32	7°47	10° 0	1° 9	11°37	15° 4	16°44	18°19	7°29	6° 8	24° 3	n.a.
M 8	15 51 36	27°28'49	3♂ 6	7°31	8°55	10°39	1°21	11°44	15° 7	16°R44	18°19	7°25	6° 5	24°10	n.a.
T 9	15 55 32	28°26'03	16°21	8°35	10° 3	11°18	1°33	11°52	15°10	16°44	18°20	7°22	6° 2	24°16	n.a.
W10	15 59 29	29°23'17	29°53	9°44	11°11	11°57	1°45	11°59	15°13	16°44	18°20	7°D21	5°58	24°23	n.a.
T 11	16 3 25	0♂20'33	13♂44	10°58	12°19	12°36	1°57	12° 7	15°16	16°44	18°21	7°22	5°55	24°30	n.a.
F 12	16 7 22	1°17'50	27°54	12°17	13°27	13°15	2° 9	12°14	15°18	16°44	18°21	7°23	5°52	24°36	n.a.
S 13	16 11 19	2°15'08	12♂22	13°41	14°34	13°54	2°21	12°22	15°21	16°44	18°22	7°R23	5°49	24°43	n.a.
S 14	16 15 15	3°12'28	27° 5	15° 9	15°42	14°33	2°33	12°29	15°24	16°44	18°22	7°21	5°46	24°50	n.a.
M15	16 19 12	4° 9'49	11♂59	16°42	16°49	15°11	2°46	12°37	15°26	16°44	18°23	7°18	5°42	24°56	n.a.
T 16	16 23 8	5° 7'11	26°55	18°18	17°57	15°50	2°58	12°45	15°29	16°43	18°23	7°12	5°39	25° 3	n.a.
W17	16 27 5	6° 4'35	11♂45	19°59	19° 4	16°29	3°10	12°52	15°31	16°43	18°24	7° 4	5°36	25°10	n.a.
T 18	16 31 1	7° 1'59	26°21	21°43	20°11	17° 8	3°23	13° 0	15°34	16°43	18°24	6°54	5°33	25°16	n.a.
F 19	16 34 58	7°59'25	10♂36	23°31	21°18	17°47	3°35	13° 8	15°36	16°42	18°25	6°45	5°30	25°23	n.a.
S 20	16 38 54	8°56'52	24°25	25°22	22°24	18°25	3°47	13°15	15°39	16°42	18°25	6°37	5°27	25°30	n.a.
S 21	16 42 51	9°54'19	7♂46	27°16	23°31	19° 4	4° 0	13°23	15°41	16°42	18°25	6°31	5°23	25°36	n.a.
M22	16 46 48	10°51'48	20°41	29°12	24°37	19°43	4°12	13°31	15°43	16°41	18°26	6°27	5°20	25°43	n.a.
T 23	16 50 44	11°49'17	3♂13	1♂10	25°44	20°21	4°25	13°38	15°46	16°41	18°26	6°25	5°17	25°50	n.a.
W24	16 54 41	12°46'48	15°26	3° 9	26°50	21° 0	4°37	13°46	15°48	16°40	18°26	6°D24	5°14	25°56	n.a.
T 25	16 58 37	13°44'20	27°25	5°10	27°56	21°38	4°50	13°54	15°50	16°40	18°26	6°25	5°11	26° 3	n.a.
F 26	17 2 34	14°41'53	9♂16	7°12	29° 2	22°17	5° 3	14° 1	15°52	16°39	18°27	6°R25	5° 8	26°10	n.a.
S 27	17 6 30	15°39'27	21° 3	9°15	0♂ 7	22°55	5°15	14° 9	15°55	16°38	18°27	6°24	5° 4	26°16	n.a.
S 28	17 10 27	16°37'02	2♂53	11°18	1°13	23°34	5°28	14°17	15°57	16°38	18°27	6°21	5° 1	26°23	n.a.
M29	17 14 23	17°34'38	14°47	13°21	2°18	24°12	5°41	14°24	15°59	16°37	18°27	6°15	4°58	26°29	n.a.
T 30	17 18 20	18♂32'16	26♂51	15♂24	3♂23	24♂50	5♂53	14♂32	16♂Y 1	16♂37	18♂27	6♂Y 7	4♂Y55	26♂36	n.a.

Delta T = 14h05m57s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2090 BCE

JULY 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄	
W 1	17 22 17	19II29'56	9♂ 5	17II26	4♂28	25♂29	6♁ 6	14II40	16♂ 3	16°R36	18X28	5°R57	4♂52	26♁43	n.a.
T 2	17 26 13	20°27'37	21°32	19°28	5°32	26° 7	6°19	14°47	16° 5	16°R35	18°28	5°Y45	4°48	26°49	n.a.
F 3	17 30 10	21°25'19	4♂11	21°29	6°37	26°45	6°32	14°55	16° 7	16°R34	18°28	5°32	4°45	26°56	n.a.
S 4	17 34 6	22°23'03	17° 2	23°29	7°41	27°24	6°45	15° 3	16° 9	16°R33	18°28	5°20	4°42	27° 3	n.a.
S 5	17 38 3	23°20'49	0♁ 6	25°28	8°45	28° 2	6°58	15°10	16°10	16°R33	18°28	5°10	4°39	27° 9	n.a.
M 6	17 41 59	24°18'37	13°20	27°26	9°49	28°40	7°10	15°18	16°12	16°R32	18°28	5° 2	4°36	27°16	n.a.
T 7	17 45 56	25°16'27	26°46	29°23	10°52	29°18	7°23	15°26	16°14	16°R31	18°R28	4°57	4°33	27°23	n.a.
W 8	17 49 53	26°14'18	10X24	1♁18	11°55	29°57	7°36	15°33	16°16	16°R30	18°28	4°55	4°29	27°29	n.a.
T 9	17 53 49	27°12'11	24°13	3°13	12°58	0II35	7°49	15°41	16°17	16°R29	18°28	4°54	4°26	27°36	n.a.
F 10	17 57 46	28°10'07	8♂14	5° 6	14° 1	1°13	8° 2	15°48	16°19	16°R28	18°28	4°54	4°23	27°43	n.a.
S 11	18 1 42	29° 8'04	22°27	6°58	15° 4	1°51	8°15	15°56	16°21	16°R27	18°28	4°53	4°20	27°49	n.a.
S 12	18 5 39	0♁ 6'04	6♂51	8°48	16° 6	2°29	8°28	16° 3	16°22	16°R26	18°28	4°51	4°17	27°56	n.a.
M13	18 9 35	1° 4'06	21°22	10°38	17° 8	3° 7	8°41	16°11	16°24	16°R25	18°27	4°46	4°14	28° 3	n.a.
T 14	18 13 32	2° 2'10	5II56	12°26	18°10	3°45	8°54	16°18	16°25	16°R24	18°27	4°38	4°10	28° 9	n.a.
W15	18 17 28	3° 0'16	20°26	14°12	19°11	4°23	9° 7	16°26	16°26	16°R23	18°27	4°27	4° 7	28°16	n.a.
T 16	18 21 25	3°58'23	4♁46	15°58	20°12	5° 1	9°21	16°33	16°28	16°R22	18°27	4°16	4° 4	28°23	n.a.
F 17	18 25 22	4°56'33	18°49	17°42	21°13	5°39	9°34	16°41	16°29	16°R21	18°27	4° 4	4° 1	28°29	n.a.
S 18	18 29 18	5°54'45	2♂31	19°25	22°14	6°17	9°47	16°48	16°30	16°R19	18°27	3°53	3°58	28°36	n.a.
S 19	18 33 15	6°52'58	15°49	21° 7	23°14	6°55	10° 0	16°56	16°31	16°R18	18°26	3°44	3°54	28°43	n.a.
M20	18 37 11	7°51'13	28°43	22°47	24°14	7°32	10°13	17° 3	16°32	16°R17	18°26	3°38	3°51	28°49	n.a.
T 21	18 41 8	8°49'30	11III15	24°26	25°13	8°10	10°26	17°10	16°34	16°R16	18°26	3°34	3°48	28°56	n.a.
W22	18 45 4	9°47'48	23°28	26° 4	26°12	8°48	10°39	17°18	16°35	16°R15	18°26	3°33	3°45	29° 3	n.a.
T 23	18 49 1	10°46'08	5♁28	27°41	27°11	9°26	10°52	17°25	16°36	16°R13	18°25	3°33	3°42	29° 9	n.a.
F 24	18 52 57	11°44'30	17°20	29°17	28° 9	10° 3	11° 5	17°32	16°37	16°R12	18°25	3°33	3°39	29°16	n.a.
S 25	18 56 54	12°42'53	29° 8	0♂51	29° 7	10°41	11°18	17°39	16°37	16°R11	18°24	3°32	3°35	29°23	n.a.
S 26	19 0 51	13°41'19	10III59	2°24	0III5	11°19	11°31	17°46	16°38	16°R 9	18°24	3°29	3°32	29°29	n.a.
M27	19 4 47	14°39'46	22°58	3°57	1° 2	11°56	11°45	17°54	16°39	16°R 8	18°24	3°24	3°29	29°36	n.a.
T 28	19 8 44	15°38'15	5♂ 8	5°27	1°59	12°34	11°58	18° 1	16°40	16°R 7	18°23	3°16	3°26	29°43	n.a.
W29	19 12 40	16°36'46	17°32	6°57	2°55	13°12	12°11	18° 8	16°40	16°R 5	18°23	3° 5	3°23	29°49	n.a.
T 30	19 16 37	17°35'19	0♂12	8°26	3°50	13°49	12°24	18°15	16°41	16°R 4	18°22	2°54	3°20	29°56	n.a.
F 31	19 20 33	18°33'55	13♂ 9	9♂53	4III45	14III27	12°37	18III22	16°Y42	16°R 2	18X22	2°Y41	3°Y16	0III 3	n.a.

Delta T = 14h05m55s Julian Calendar 1 July 2090 BCE == Greg. Calendar 14 June 2090 BCE
 The year -2089 astronomical counting style corresponds to year 2090 B.C.E historical counting style.

AUGUST 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄	
S 1	19 24 30	19♁32'32	26♂21	11♂20	5III40	15III 4	12♁50	18III29	16°Y42	16°R 1	18°R21	2°R29	3°Y13	0III 9	n.a.
S 2	19 28 26	20°31'11	9♁48	12°45	6°34	15°42	13° 3	18°36	16°43	15°R59	18X21	2°Y19	3°10	0°16	n.a.
M 3	19 32 23	21°29'52	23°25	14° 8	7°28	16°19	13°16	18°43	16°43	15°R58	18°20	2°11	3° 7	0°23	n.a.
T 4	19 36 20	22°28'36	7X12	15°31	8°20	16°56	13°29	18°50	16°43	15°R56	18°20	2° 6	3° 4	0°29	n.a.
W 5	19 40 16	23°27'22	21° 6	16°52	9°13	17°34	13°42	18°56	16°44	15°R55	18°19	2° 4	3° 0	0°36	n.a.
T 6	19 44 13	24°26'11	5°Y 5	18°12	10° 4	18°11	13°55	19° 3	16°44	15°R53	18°19	2°D 4	2°57	0°43	n.a.
F 7	19 48 9	25°25'02	19° 8	19°31	10°55	18°48	14° 8	19°10	16°44	15°R52	18°18	2°R 4	2°54	0°49	n.a.
S 8	19 52 6	26°23'55	3♂15	20°48	11°46	19°26	14°21	19°16	16°44	15°R50	18°17	2° 4	2°51	0°56	n.a.
S 9	19 56 2	27°22'51	17°25	22° 3	12°35	20° 3	14°34	19°23	16°45	15°R49	18°17	2° 2	2°48	1° 3	n.a.
M10	19 59 59	28°21'50	1II36	23°17	13°24	20°40	14°47	19°30	16°45	15°R47	18°16	1°59	2°45	1° 9	n.a.
T 11	20 3 55	29°20'51	15°44	24°30	14°12	21°17	15° 0	19°36	16°R45	15°R46	18°15	1°52	2°41	1°16	n.a.
W12	20 7 52	0♂19'55	29°48	25°40	15° 0	21°55	15°13	19°43	16°45	15°R44	18°15	1°43	2°38	1°23	n.a.
T 13	20 11 49	1°19'01	13♁43	26°49	15°46	22°32	15°26	19°49	16°44	15°R42	18°14	1°34	2°35	1°29	n.a.
F 14	20 15 45	2°18'09	27°24	27°56	16°32	23° 9	15°38	19°55	16°44	15°R41	18°13	1°23	2°32	1°36	n.a.
S 15	20 19 42	3°17'19	10♂48	29° 0	17°17	23°46	15°51	20° 2	16°44	15°R39	18°12	1°14	2°29	1°43	n.a.
S 16	20 23 38	4°16'32	23°54	0III3	18° 1	24°23	16° 4	20° 8	16°44	15°R38	18°12	1° 6	2°26	1°49	n.a.
M17	20 27 35	5°15'46	6III40	1° 2	18°44	25° 0	16°17	20°14	16°44	15°R36	18°11	1° 1	2°22	1°56	n.a.
T 18	20 31 31	6°15'03	19° 8	1°59	19°26	25°37	16°29	20°20	16°43	15°R34	18°10	0°58	2°19	2° 3	n.a.
W19	20 35 28	7°14'22	1♁19	2°54	20° 7	26°14	16°42	20°26	16°43	15°R33	18° 9	0°D57	2°16	2° 9	n.a.
T 20	20 39 24	8°13'42	13°19	3°45	20°47	26°51	16°55	20°32	16°42	15°R31	18° 8	0°58	2°13	2°16	n.a.
F 21	20 43 21	9°13'05	25°10	4°32	21°25	27°28	17° 7	20°38	16°42	15°R29	18° 8	0°59	2°10	2°23	n.a.
S 22	20 47 18	10°12'30	6III59	5°16	22° 3	28° 5	17°20	20°44	16°41	15°R28	18° 7	1°R 0	2° 6	2°29	n.a.
S 23	20 51 14	11°11'56	18°51	5°56	22°39	28°42	17°32	20°50	16°41	15°R26	18° 6	1° 0	2° 3	2°36	n.a.
M24	20 55 11	12°11'25	0X50	6°31	23°14	29°18	17°45	20°56	16°40	15°R24	18° 5	0°58	2° 0	2°43	n.a.
T 25	20 59 7	13°10'56	13° 2	7° 1	23°48	29°55	17°57	21° 1	16°39	15°R23	18° 4	0°54	1°57	2°49	n.a.
W26	21 3 4	14°10'28	25°31	7°26	24°20	0♁32	18°10	21° 7	16°39	15°R21	18° 3	0°48	1°54	2°56	n.a.
T 27	21 7 0	15°10'03	8♂19	7°45	24°51	1° 9	18°22	21°13	16°38	15°R19	18° 2	0°40	1°51	3° 3	n.a.
F 28	21 10 57	16° 9'40	21°28	7°58	25°20	1°45	18°35	21°18	16°37	15°R18	18° 1	0°33	1°47	3° 9	n.a.
S 29	21 14 54	17° 9'18	4♁58	8°R 4	25°48	2°22	18°47	21°24	16°36	15°R16	18° 0	0°25	1°44	3°16	n.a.
S 30	21 18 50	18° 8'59	18°46	8° 3	26°14	2°58	18°59	21°29	16°35	15°R14	17°59	0°19	1°41	3°23	n.a.
M31	21 22 47	19♂ 8'42	2X49	7III54	26III39	3♁35	19♁11	21III34	16°Y34	15°R12	17X59	0°Y14	1°Y38	3III29	n.a.

Delta T = 14h05m53s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 2090 BCE

SEPTEMBER 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	21 26 43	20♌ 8'27	17♋ 2	7°R36	27♎ 2	4♌12	19♉23	21♏39	16°R33	15°R11	17°R58	0°R11	1°Y35	3♌36	n.a.
W 2	21 30 40	21° 8'14	17°22	7♎10	27°23	4°48	19°36	21°44	16°Y32	15° 9	17°X57	0°D11	1°32	3°43	n.a.
T 3	21 34 36	22° 8'04	15°43	6°36	27°42	5°25	19°48	21°49	16°31	15° 7	17°56	0°Y11	1°28	3°49	n.a.
F 4	21 38 33	23° 7'56	0♈ 2	5°53	27°59	6° 1	20° 0	21°54	16°29	15° 6	17°55	0°13	1°25	3°56	n.a.
S 5	21 42 29	24° 7'50	14°15	5° 2	28°14	6°37	20°11	21°59	16°28	15° 4	17°54	0°14	1°22	4° 3	n.a.
S 6	21 46 26	25° 7'48	28°23	4° 3	28°27	7°14	20°23	22° 4	16°27	15° 3	17°52	0°R14	1°19	4° 9	n.a.
M 7	21 50 22	26° 7'47	12♏22	2°57	28°39	7°50	20°35	22° 9	16°26	15° 1	17°51	0°13	1°16	4°16	n.a.
T 8	21 54 19	27° 7'49	26°12	1°46	28°48	8°26	20°47	22°14	16°24	14°59	17°50	0°11	1°12	4°23	n.a.
W 9	21 58 16	28° 7'53	9♉51	0°31	28°54	9° 3	20°59	22°18	16°23	14°58	17°49	0° 6	1° 9	4°29	n.a.
T 10	22 2 12	29° 8'00	23°19	29♏15	28°59	9°39	21°10	22°23	16°21	14°56	17°48	0° 2	1° 6	4°36	n.a.
F 11	22 6 9	0♏ 8'09	6♌34	28° 0	29°R 1	10°15	21°22	22°27	16°20	14°54	17°47	29°X56	1° 3	4°43	n.a.
S 12	22 10 5	1° 8'20	19°35	26°47	29° 1	10°51	21°33	22°31	16°18	14°53	17°46	29°52	1° 0	4°49	n.a.
S 13	22 14 2	2° 8'32	2♏22	25°40	28°58	11°27	21°45	22°35	16°17	14°51	17°45	29°48	0°57	4°56	n.a.
M14	22 17 58	3° 8'47	14°54	24°40	28°54	12° 3	21°56	22°40	16°15	14°50	17°44	29°46	0°53	5° 3	n.a.
T 15	22 21 55	4° 9'04	27°12	23°50	28°46	12°39	22° 7	22°44	16°13	14°48	17°43	29°D45	0°50	5° 9	n.a.
W16	22 25 51	5° 9'22	9♁18	23° 9	28°37	13°15	22°19	22°48	16°12	14°46	17°42	29°45	0°47	5°16	n.a.
T 17	22 29 48	6° 9'43	21°15	22°40	28°24	13°51	22°30	22°51	16°10	14°45	17°41	29°46	0°44	5°23	n.a.
F 18	22 33 45	7°10'05	3♌ 6	22°22	28°10	14°27	22°41	22°55	16° 8	14°43	17°39	29°48	0°41	5°29	n.a.
S 19	22 37 41	8°10'29	14°54	22°D16	27°53	15° 3	22°52	22°59	16° 6	14°42	17°38	29°50	0°38	5°36	n.a.
S 20	22 41 38	9°10'54	26°45	22°21	27°34	15°39	23° 3	23° 2	16° 4	14°40	17°37	29°51	0°34	5°43	n.a.
M21	22 45 34	10°11'21	8♁43	22°37	27°12	16°15	23°13	23° 6	16° 3	14°39	17°36	29°R52	0°31	5°49	n.a.
T 22	22 49 31	11°11'50	20°53	23° 3	26°48	16°50	23°24	23° 9	16° 1	14°37	17°35	29°51	0°28	5°56	n.a.
W23	22 53 27	12°12'20	3♉19	23°38	26°23	17°26	23°35	23°13	15°59	14°36	17°34	29°50	0°25	6° 3	n.a.
T 24	22 57 24	13°12'52	16° 7	24°22	25°55	18° 2	23°45	23°16	15°57	14°35	17°33	29°48	0°22	6° 9	n.a.
F 25	23 1 20	14°13'25	29°18	25°13	25°25	18°37	23°56	23°19	15°55	14°33	17°32	29°46	0°18	6°16	n.a.
S 26	23 5 17	15°14'00	12♁53	26°11	24°54	19°13	24° 6	23°22	15°53	14°32	17°30	29°44	0°15	6°23	n.a.
S 27	23 9 14	16°14'36	26°53	27°14	24°22	19°48	24°17	23°25	15°50	14°30	17°29	29°42	0°12	6°29	n.a.
M28	23 13 10	17°15'14	11♋15	28°22	23°48	20°24	24°27	23°28	15°48	14°29	17°28	29°41	0° 9	6°36	n.a.
T 29	23 17 7	18°15'54	25°52	29°35	23°13	20°59	24°37	23°30	15°46	14°28	17°27	29°D40	0° 6	6°43	n.a.
W30	23 21 3	19°16'35	10♏39	0♏51	22°37	21♉34	24♉47	23♏33	15°Y44	14°26	17°X26	29°X41	0°Y 3	6°M49	n.a.

Delta T = 14h05m51s Julian Calendar 1 Sept. 2090 BCE == Greg. Calendar 15 Aug. 2090 BCE
 The year -2089 astronomical counting style corresponds to year 2090 B.C.E historical counting style.

OCTOBER 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	23 25 0	20♏17'17	25°Y28	2♏11	22°R 1	22♉ 9	24♉57	23♏35	15°R42	14°R25	17°R25	29°X41	29°X59	6°M56	n.a.
F 2	23 28 56	21°18'02	10♈12	3°33	21♎25	22°45	25° 7	23°38	15°Y40	14°24	17°X24	29°42	29°56	7° 3	n.a.
S 3	23 32 53	22°18'48	24°45	4°57	20°49	23°20	25°16	23°40	15°37	14°22	17°22	29°43	29°53	7° 9	n.a.
S 4	23 36 49	23°19'37	9♏ 4	6°24	20°12	23°55	25°26	23°42	15°35	14°21	17°21	29°43	29°50	7°16	n.a.
M 5	23 40 46	24°20'27	23° 5	7°51	19°37	24°30	25°35	23°44	15°33	14°20	17°20	29°R43	29°47	7°23	n.a.
T 6	23 44 43	25°21'19	6♉48	9°21	19° 2	25° 5	25°45	23°46	15°30	14°19	17°19	29°43	29°43	7°29	n.a.
W 7	23 48 39	26°22'13	20°13	10°51	18°28	25°40	25°54	23°48	15°28	14°18	17°18	29°43	29°40	7°36	n.a.
T 8	23 52 36	27°23'08	3♏21	12°22	17°55	26°15	26° 3	23°50	15°26	14°17	17°17	29°43	29°37	7°43	n.a.
F 9	23 56 32	28°24'05	16°13	13°54	17°24	26°50	26°12	23°51	15°23	14°15	17°16	29°42	29°34	7°49	n.a.
S 10	0 0 29	29°25'03	28°52	15°26	16°54	27°25	26°21	23°53	15°21	14°14	17°15	29°D42	29°31	7°56	n.a.
S 11	0 4 25	0♁26'03	11♏19	16°59	16°26	27°59	26°30	23°54	15°18	14°13	17°13	29°42	29°28	8° 3	n.a.
M12	0 8 22	1°27'04	23°35	18°32	16° 0	28°34	26°39	23°56	15°16	14°12	17°12	29°R42	29°24	8° 9	n.a.
T 13	0 12 18	2°28'06	5♁41	20° 5	15°35	29° 9	26°47	23°57	15°13	14°11	17°11	29°42	29°21	8°16	n.a.
W14	0 16 15	3°29'10	17°40	21°39	15°14	29°43	26°56	23°58	15°11	14°10	17°10	29°42	29°18	8°23	n.a.
T 15	0 20 12	4°30'14	29°33	23°13	14°54	0♏18	27° 4	23°59	15° 8	14° 9	17° 9	29°42	29°15	8°29	n.a.
F 16	0 24 8	5°31'20	11♏22	24°46	14°36	0°52	27°12	24° 0	15° 6	14° 8	17° 8	29°41	29°12	8°36	n.a.
S 17	0 28 5	6°32'26	23°11	26°20	14°22	1°26	27°20	24° 0	15° 3	14° 8	17° 7	29°40	29° 9	8°43	n.a.
S 18	0 32 1	7°33'34	5♁ 1	27°54	14° 9	2° 1	27°28	24° 1	15° 1	14° 7	17° 6	29°39	29° 5	8°50	n.a.
M19	0 35 58	8°34'42	16°58	29°28	13°59	2°35	27°36	24° 1	14°58	14° 6	17° 5	29°38	29° 2	8°56	n.a.
T 20	0 39 54	9°35'51	29° 5	1♁ 2	13°51	3° 9	27°44	24° 2	14°56	14° 5	17° 4	29°37	28°59	9° 3	n.a.
W21	0 43 51	10°37'01	11♉27	2°36	13°46	3°43	27°51	24° 2	14°53	14° 4	17° 3	29°D37	28°56	9°10	n.a.
T 22	0 47 47	11°38'12	24° 8	4°10	13°44	4°17	27°59	24° 2	14°51	14° 4	17° 2	29°37	28°53	9°16	n.a.
F 23	0 51 44	12°39'23	7♁12	5°44	13°D43	4°51	28° 6	24°R 2	14°48	14° 3	17° 1	29°38	28°49	9°23	n.a.
S 24	0 55 41	13°40'34	20°41	7°18	13°46	5°25	28°13	24° 2	14°46	14° 2	17° 0	29°39	28°46	9°30	n.a.
S 25	0 59 37	14°41'46	4♋38	8°52	13°50	5°59	28°20	24° 2	14°43	14° 2	16°59	29°41	28°43	9°36	n.a.
M26	1 3 34	15°42'58	19° 2	10°27	13°57	6°32	28°27	24° 2	14°41	14° 1	16°58	29°41	28°40	9°43	n.a.
T 27	1 7 30	16°44'11	3°Y49	12° 1	14° 6	7° 6	28°34	24° 2	14°38	14° 0	16°57	29°R42	28°37	9°50	n.a.
W28	1 11 27	17°45'25	18°52	13°35	14°18	7°39	28°40	24° 1	14°35	14° 0	16°56	29°41	28°34	9°56	n.a.
T 29	1 15 23	18°46'39	4♈ 3	15° 9	14°32	8°13	28°47	24° 0	14°33	13°59	16°55	29°39	28°30	10° 3	n.a.
F 30	1 19 20	19°47'54	19°12	16°43	14°48	8°46	28°53	24° 0	14°30	13°59	16°54	29°37	28°27	10°10	n.a.
S 31	1 23 16	20°49'10	4♏10	18♁18	15°37	9♏19	28♉59	23♏59	14°Y28	13°28	16°X53	29°X34	28°X24	10°M16	n.a.

Delta T = 14h05m49s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [6.2.2007]

SWISS EPHEMERIS for the year 2090 BCE

NOVEMBER 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	1 27 13	21 ^h 50 ^m 27 ^s	18 ^h II ^m 49	19 ^h 52 ^m	15 ^h 17 ^m 25 ^s	9 ^h 53 ^m	29 ^h 5 ^m	23 ^h R58	14 ^h R25	13 ^h R58	16 ^h R52	29 ^h R31	28 ^h X21	10 ^h M23	n.a.								
M 2	1 31 10	22 ^h 51 ^m 44	3 ^h 54 ^m	21 ^h 27 ^m	15 ^h 47 ^m	10 ^h 26 ^m	29 ^h 11 ^m	23 ^h II ^m 57	14 ^h V23	13 ^h 58	16 ^h X51	29 ^h X29	28 ^h 18	10 ^h 30	n.a.								
T 3	1 35 6	23 ^h 53 ^m 02	16 ^h 53 ^m	23 ^h 1 ^m	16 ^h 11 ^m	10 ^h 59 ^m	29 ^h 16 ^m	23 ^h 56	14 ^h 20	13 ^h 57	16 ^h 50	29 ^h 28	28 ^h 15	10 ^h 36	n.a.								
W 4	1 39 3	24 ^h 54 ^m 21	0 ^h 51 ^m 16	24 ^h 36 ^m	16 ^h 37 ^m	11 ^h 32 ^m	29 ^h 22 ^m	23 ^h 54	14 ^h 18	13 ^h 57	16 ^h 49	29 ^h D27	28 ^h 11	10 ^h 43	n.a.								
T 5	1 42 59	25 ^h 55 ^m 40	13 ^h 16 ^m	26 ^h 11 ^m	17 ^h 4 ^m	12 ^h 4 ^m	29 ^h 27 ^m	23 ^h 53	14 ^h 15	13 ^h 57	16 ^h 49	29 ^h 28	28 ^h 8	10 ^h 50	n.a.								
F 6	1 46 56	26 ^h 57 ^m 00	25 ^h 57 ^m	27 ^h 46 ^m	17 ^h 33 ^m	12 ^h 37 ^m	29 ^h 32 ^m	23 ^h 52	14 ^h 13	13 ^h 56	16 ^h 48	29 ^h 30	28 ^h 5	10 ^h 56	n.a.								
S 7	1 50 52	27 ^h 58 ^m 20	8 ^h 21 ^m	29 ^h 22 ^m	18 ^h 4 ^m	13 ^h 10 ^m	29 ^h 37 ^m	23 ^h 50	14 ^h 10	13 ^h 56	16 ^h 47	29 ^h 32	28 ^h 2	11 ^h 3	n.a.								
S 8	1 54 49	28 ^h 59 ^m 41	20 ^h 32 ^m	0 ^h M58	18 ^h 36 ^m	13 ^h 42 ^m	29 ^h 42 ^m	23 ^h 48	14 ^h 8	13 ^h 56	16 ^h 46	29 ^h 33	27 ^h 59	11 ^h 10	n.a.								
M 9	1 58 45	0 ^h M 1 ^m 02	2 ^h 53 ^m	2 ^h 33 ^m	19 ^h 10 ^m	14 ^h 15 ^m	29 ^h 47 ^m	23 ^h 46	14 ^h 5	13 ^h 56	16 ^h 45	29 ^h R34	27 ^h 55	11 ^h 16	n.a.								
T 10	2 2 42	1 ^h 2 ^m 23	14 ^h 31 ^m	4 ^h 9 ^m	19 ^h 45 ^m	14 ^h 47 ^m	29 ^h 51 ^m	23 ^h 45	14 ^h 3	13 ^h 56	16 ^h 44	29 ^h 32	27 ^h 52	11 ^h 23	n.a.								
W11	2 6 38	2 ^h 3 ^m 45	26 ^h 23 ^m	5 ^h 46 ^m	20 ^h 22 ^m	15 ^h 19 ^m	29 ^h 55 ^m	23 ^h 43	14 ^h 1	13 ^h 56	16 ^h 44	29 ^h 29	27 ^h 49	11 ^h 30	n.a.								
T 12	2 10 35	3 ^h 5 ^m 06	8 ^h M13	7 ^h 22 ^m	21 ^h 0 ^m	15 ^h 51 ^m	0 ^h 51 ^m	23 ^h 40	13 ^h 58	13 ^h 56	16 ^h 43	29 ^h 25	27 ^h 46	11 ^h 37	n.a.								
F 13	2 14 32	4 ^h 6 ^m 28	20 ^h 2 ^m	8 ^h 59 ^m	21 ^h 39 ^m	16 ^h 23 ^m	0 ^h 4 ^m	23 ^h 38	13 ^h 56	13 ^h D56	16 ^h 42	29 ^h 19	27 ^h 43	11 ^h 43	n.a.								
S 14	2 18 28	5 ^h 7 ^m 50	1 ^h 57 ^m 53	10 ^h 36 ^m	22 ^h 19 ^m	16 ^h 55 ^m	0 ^h 7 ^m	23 ^h 36	13 ^h 53	13 ^h 56	16 ^h 41	29 ^h 12	27 ^h 40	11 ^h 50	n.a.								
S 15	2 22 25	6 ^h 9 ^m 11	13 ^h 48 ^m	12 ^h 14 ^m	23 ^h 1 ^m	17 ^h 27 ^m	0 ^h 11 ^m	23 ^h 33	13 ^h 51	13 ^h 56	16 ^h 41	29 ^h 4	27 ^h 36	11 ^h 57	n.a.								
M16	2 26 21	7 ^h 10 ^m 32	25 ^h 48 ^m	13 ^h 51 ^m	23 ^h 44 ^m	17 ^h 59 ^m	0 ^h 14 ^m	23 ^h 31	13 ^h 49	13 ^h 56	16 ^h 40	28 ^h 58	27 ^h 33	12 ^h 3	n.a.								
T 17	2 30 18	8 ^h 11 ^m 53	7 ^h 35 ^m 56	15 ^h 29 ^m	24 ^h 27 ^m	18 ^h 30 ^m	0 ^h 18 ^m	23 ^h 28	13 ^h 47	13 ^h 56	16 ^h 39	28 ^h 52	27 ^h 30	12 ^h 10	n.a.								
W18	2 34 14	9 ^h 13 ^m 14	20 ^h 17 ^m	17 ^h 7 ^m	25 ^h 12 ^m	19 ^h 2 ^m	0 ^h 21 ^m	23 ^h 26	13 ^h 44	13 ^h 56	16 ^h 39	28 ^h 48	27 ^h 27	12 ^h 17	n.a.								
T 19	2 38 11	10 ^h 14 ^m 34	2 ^h 55 ^m 53	18 ^h 45 ^m	25 ^h 58 ^m	19 ^h 33 ^m	0 ^h 23 ^m	23 ^h 23	13 ^h 42	13 ^h 56	16 ^h 38	28 ^h 46	27 ^h 24	12 ^h 23	n.a.								
F 20	2 42 8	11 ^h 15 ^m 53	15 ^h 48 ^m	20 ^h 24 ^m	26 ^h 45 ^m	20 ^h 4 ^m	0 ^h 26 ^m	23 ^h 20	13 ^h 40	13 ^h 57	16 ^h 38	28 ^h D46	27 ^h 20	12 ^h 30	n.a.								
S 21	2 46 4	12 ^h 17 ^m 12	29 ^h 6 ^m	22 ^h 2 ^m	27 ^h 33 ^m	20 ^h 35 ^m	0 ^h 29 ^m	23 ^h 17	13 ^h 38	13 ^h 57	16 ^h 37	28 ^h 47	27 ^h 17	12 ^h 37	n.a.								
S 22	2 50 1	13 ^h 18 ^m 30	12 ^h X50	23 ^h 41 ^m	28 ^h 21 ^m	21 ^h 6 ^m	0 ^h 31 ^m	23 ^h 14	13 ^h 36	13 ^h 57	16 ^h 36	28 ^h 48	27 ^h 14	12 ^h 43	n.a.								
M23	2 53 57	14 ^h 19 ^m 47	27 ^h 2 ^m	25 ^h 20 ^m	29 ^h 11 ^m	21 ^h 37 ^m	0 ^h 33 ^m	23 ^h 11	13 ^h 34	13 ^h 58	16 ^h 36	28 ^h R49	27 ^h 11	12 ^h 50	n.a.								
T 24	2 57 54	15 ^h 21 ^m 03	11 ^h V40	26 ^h 58 ^m	0 ^h 51 ^m	22 ^h 7 ^m	0 ^h 35 ^m	23 ^h 7	13 ^h 31	13 ^h 58	16 ^h 35	28 ^h 49	27 ^h 8	12 ^h 57	n.a.								
W25	3 1 50	16 ^h 22 ^m 19	26 ^h 41 ^m	28 ^h 37 ^m	0 ^h 52 ^m	22 ^h 38 ^m	0 ^h 37 ^m	23 ^h 4	13 ^h 29	13 ^h 58	16 ^h 35	28 ^h 46	27 ^h 5	13 ^h 3	n.a.								
T 26	3 5 47	17 ^h 23 ^m 35	11 ^h 55 ^m 15	0 ^h 57 ^m 15	1 ^h 44 ^m	23 ^h 8 ^m	0 ^h 38 ^m	23 ^h 1	13 ^h 27	13 ^h 59	16 ^h 34	28 ^h 41	27 ^h 1	13 ^h 10	n.a.								
F 27	3 9 43	18 ^h 24 ^m 49	27 ^h 16 ^m	1 ^h 53 ^m	2 ^h 37 ^m	23 ^h 38 ^m	0 ^h 40 ^m	22 ^h 57	13 ^h 25	13 ^h 59	16 ^h 34	28 ^h 34	26 ^h 58	13 ^h 17	n.a.								
S 28	3 13 40	19 ^h 26 ^m 04	12 ^h II29	3 ^h 30 ^m	3 ^h 30 ^m	24 ^h 8 ^m	0 ^h 41 ^m	22 ^h 54	13 ^h 24	14 ^h 0	16 ^h 33	28 ^h 26	26 ^h 55	13 ^h 24	n.a.								
S 29	3 17 37	20 ^h 27 ^m 18	27 ^h 25 ^m	5 ^h 7 ^m	4 ^h 24 ^m	24 ^h 38 ^m	0 ^h 42 ^m	22 ^h 50	13 ^h 22	14 ^h 0	16 ^h 33	28 ^h 17	26 ^h 52	13 ^h 30	n.a.								
M30	3 21 33	21 ^h M28 ^m 31	11 ^h 57 ^m	6 ^h 57 ^m 42	5 ^h 51 ^m 19	25 ^h 51 ^m 8	0 ^h 43 ^m	22 ^h II46	13 ^h V20	14 ^h 51	16 ^h X33	28 ^h X10	26 ^h X49	13 ^h M37	n.a.								

Delta T = 14h05m46s Julian Calendar 1 Nov. 2090 BCE == Greg. Calendar 15 Oct. 2090 BCE
 The year -2089 astronomical counting style corresponds to year 2090 B.C.E historical counting style.

DECEMBER 2090 BCE (-2089) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	3 25 30	22 ^h M29 ^m 44	25 ^h 59 ^m	8 ^h 16 ^m	6 ^h 14 ^m	25 ^h 51 ^m 37	0 ^h 43 ^m	22 ^h R43	13 ^h R18	14 ^h 52	16 ^h R32	28 ^h R 5	26 ^h X46	13 ^h M44	n.a.								
W 2	3 29 26	23 ^h 30 ^m 56	9 ^h 53 ^m	9 ^h 49 ^m	7 ^h 10 ^m	26 ^h 7 ^m	0 ^h 44 ^m	22 ^h II39	13 ^h V16	14 ^h 2	16 ^h X32	28 ^h X 2	26 ^h 42	13 ^h 50	n.a.								
T 3	3 33 23	24 ^h 32 ^m 08	22 ^h 34 ^m	11 ^h 19 ^m	8 ^h 6 ^m	26 ^h 36 ^m	0 ^h 44 ^m	22 ^h 35	13 ^h 14	14 ^h 3	16 ^h 31	28 ^h D 1	26 ^h 39	13 ^h 57	n.a.								
F 4	3 37 19	25 ^h 33 ^m 19	5 ^h 17 ^m 13	12 ^h 47 ^m	9 ^h 3 ^m	27 ^h 5 ^m	0 ^h R44	22 ^h 31	13 ^h 13	14 ^h 4	16 ^h 31	28 ^h 1	26 ^h 36	14 ^h 4	n.a.								
S 5	3 41 16	26 ^h 34 ^m 29	17 ^h 33 ^m	14 ^h 13 ^m	10 ^h 1 ^m	27 ^h 34 ^m	0 ^h 44 ^m	22 ^h 27	13 ^h 11	14 ^h 4	16 ^h 31	28 ^h 2	26 ^h 33	14 ^h 10	n.a.								
S 6	3 45 12	27 ^h 35 ^m 39	29 ^h 38 ^m	15 ^h 35 ^m	10 ^h 59 ^m	28 ^h 3 ^m	0 ^h 44 ^m	22 ^h 23	13 ^h 9	14 ^h 5	16 ^h 31	28 ^h R 2	26 ^h 30	14 ^h 17	n.a.								
M 7	3 49 9	28 ^h 36 ^m 48	11 ^h 53 ^m	16 ^h 52 ^m	11 ^h 58 ^m	28 ^h 31 ^m	0 ^h 43 ^m	22 ^h 18	13 ^h 8	14 ^h 6	16 ^h 30	28 ^h 1	26 ^h 26	14 ^h 24	n.a.								
T 8	3 53 6	29 ^h 37 ^m 57	23 ^h 23 ^m	18 ^h 5 ^m	12 ^h 57 ^m	29 ^h 0 ^m	0 ^h 42 ^m	22 ^h 14	13 ^h 6	14 ^h 7	16 ^h 30	27 ^h 58	26 ^h 23	14 ^h 30	n.a.								
W 9	3 57 2	0 ^h 57 ^m 39 ^s 04	5 ^h M12	19 ^h 13 ^m	13 ^h 56 ^m	29 ^h 28 ^m	0 ^h 41 ^m	22 ^h 10	13 ^h 5	14 ^h 8	16 ^h 30	27 ^h 51	26 ^h 20	14 ^h 37	n.a.								
T 10	4 0 59	1 ^h 40 ^m 11	17 ^h 1 ^m	20 ^h 14 ^m	14 ^h 56 ^m	29 ^h 56 ^m	0 ^h 40 ^m	22 ^h 5	13 ^h 3	14 ^h 9	16 ^h 30	27 ^h 43	26 ^h 17	14 ^h 44	n.a.								
F 11	4 4 55	2 ^h 41 ^m 16	28 ^h 53 ^m	21 ^h 8 ^m	15 ^h 56 ^m	0 ^h 17 ^m 24	0 ^h 39 ^m	22 ^h 1	13 ^h 2	14 ^h 10	16 ^h 29	27 ^h 31	26 ^h 14	14 ^h 50	n.a.								
S 12	4 8 52	3 ^h 42 ^m 21	10 ^h 57 ^m 49	21 ^h 54 ^m	16 ^h 57 ^m	0 ^h 51 ^m	0 ^h 37 ^m	21 ^h 57	13 ^h 0	14 ^h 11	16 ^h 29	27 ^h 18	26 ^h 11	14 ^h 57	n.a.								
S 13	4 12 48	4 ^h 43 ^m 24	22 ^h 52 ^m	22 ^h 31 ^m	17 ^h 58 ^m	1 ^h 18 ^m	0 ^h 36 ^m	21 ^h 52	12 ^h 59	14 ^h 12	16 ^h												