Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10400 Dec 19 j 01:24	16°♎03'14	-0°59'16
minimum elong	-10400 Dec 18 j 16:16	15°♎35'15	0°59'04
max. Earth dist.	-10400 Dec 19 j 08:22	16°♎24'35	1.73602 AU
	-10400 Dec 30 j 10:21	0°♏	
	-10399 Jan 23 j 21:11	0°♐	
evening rise	-10399 Jan 24 j 22:36	1°♐17'56	
greatest brilliancy	-10399 Feb 05 j 21:33	15°♐58'29	-3.9m
	-10399 Feb 17 j 07:59	0°♑	
asc. node	-10399 Mar 11 j 01:49	26°♑37'23	
	-10399 Mar 13 j 20:09	0°♒	
	-10399 Apr 07 j 11:21	0°♓	
	-10399 May 02 j 07:13	0°♈	
	-10399 May 27 j 10:36	0°♉	
	-10399 Jun 22 j 04:57	0°♊	
desc. node	-10399 Jul 02 j 06:29	11°♊21'47	
	-10399 Jul 19 j 11:36	0°♋	
evening max el	-10399 Jul 24 j 00:06	4°♋39'38	47°51'00
	-10399 Aug 21 j 17:11	0°♌	
greatest brilliancy	-10399 Sep 03 j 13:12	6°♌55'05	-4.9m
retrograde	-10399 Sep 13 j 06:32	8°♌45'39	
evening set	-10399 Sep 28 j 21:28	3°♌48'57	
min. Earth dist.	-10399 Oct 03 j 14:47	0°♌53'59	0.27330 AU
inferior conj	-10399 Oct 04 j 02:59	0°♌34'32	-4°12'21
minimum elong	-10399 Oct 04 j 10:59	0°♌21'48	4°09'39
	-10399 Oct 05 j 00:41	30°℞♋	
morning rise	-10399 Oct 10 j 01:04	26°♋57'58	
asc. node	-10399 Oct 22 j 00:33	22°♋48'11	
direct	-10399 Oct 24 j 13:06	22°♋40'17	
greatest brilliancy	-10399 Nov 02 j 22:28	24°♋20'47	-4.8m
	-10399 Nov 14 j 06:50	0°♌	
morning max el	-10399 Dec 12 j 19:13	23°♌44'44	46°06'04
	-10399 Dec 19 j 03:12	0°♍	
	-10398 Jan 16 j 11:37	0°♎	
desc. node	-10398 Feb 12 j 03:56	29°♎59'58	
	-10398 Feb 12 j 03:57	0°♏	
	-10398 Mar 09 j 22:12	0°♐	
	-10398 Apr 04 j 00:00	0°♑	
	-10398 Apr 28 j 12:51	0°♒	
	-10398 May 22 j 16:01	0°♓	
asc. node	-10398 Jun 03 j 14:19	14°♓57'50	
morning set	-10398 Jun 06 j 17:08	18°♓53'08	
	-10398 Jun 15 j 12:46	0°♈	
	-10398 Jul 09 j 06:16	0°♉	
superior conj	-10398 Jul 15 j 15:27	8°♉04'40	1°16'59
minimum elong	-10398 Jul 15 j 07:53	7°♉40'41	1°17'10
max. Earth dist.	-10398 Jul 17 j 03:16	9°♉57'58	1.70723 AU
	-10398 Aug 01 j 23:39	0°♊	
	-10398 Aug 25 j 19:37	0°♋	
evening rise	-10398 Aug 26 j 10:07	0°♋45'27	
	-10398 Sep 18 j 19:59	0°♌	
desc. node	-10398 Sep 24 j 14:07	7°♌09'07	
	-10398 Oct 13 j 01:27	0°♍	
	-10398 Nov 06 j 12:22	0°♎	
	-10398 Dec 01 j 06:35	0°♏	
	-10398 Dec 26 j 13:25	0°♐	
asc. node	-10397 Jan 14 j 05:32	21°♐28'12	
	-10397 Jan 21 j 20:29	0°♑	
	-10397 Feb 19 j 08:03	0°♒	
evening max el	-10397 Feb 25 j 05:25	5°♒40'49	45°09'29
	-10397 Mar 28 j 19:08	0°♓	
greatest brilliancy	-10397 Apr 04 j 15:33	2°♓57'03	-4.7m
retrograde	-10397 Apr 14 j 16:21	4°♓43'34	
evening set	-10397 Apr 29 j 07:01	0°♓43'33	
	-10397 Apr 30 j 15:58	30°℞♒	

inferior conj	-10397 May 05 j 16:18	27°♒06'43	0°26'20
minimum elong	-10397 May 05 j 17:17	27°♒05'15	0°25'39
min. Earth dist.	-10397 May 06 j 11:33	26°♒38'09	0.27331 AU
desc. node	-10397 May 07 j 12:20	26°♒01'31	
morning rise	-10397 May 12 j 02:35	23°♒26'43	
direct	-10397 May 26 j 21:23	19°♒16'54	
greatest brilliancy	-10397 Jun 07 j 11:57	21°♒44'26	-4.9m
	-10397 Jun 21 j 18:07	0°♓	
morning max el	-10397 Jul 16 j 09:46	21°♓59'19	46°42'21
	-10397 Jul 24 j 02:46	0°♈	
	-10397 Aug 19 j 19:55	0°♉	
asc. node	-10397 Aug 27 j 03:56	8°♉37'42	
	-10397 Sep 13 j 23:54	0°♊	
	-10397 Oct 08 j 15:17	0°♋	
	-10397 Nov 02 j 04:37	0°♌	
	-10397 Nov 26 j 19:53	0°♍	
desc. node	-10397 Dec 18 j 03:28	25°♍53'15	
	-10397 Dec 21 j 12:46	0°♎	
	-10396 Jan 15 j 04:53	0°♏	
morning set	-10396 Jan 20 j 17:58	6°♏45'35	
	-10396 Feb 08 j 18:04	0°♐	
max. Earth dist.	-10396 Feb 22 j 04:46	16°♐30'38	1.73584 AU
superior conj	-10396 Feb 25 j 17:10	20°♐50'21	-1°15'14
minimum elong	-10396 Feb 25 j 22:31	21°♐06'48	1°15'43
	-10396 Mar 04 j 03:34	0°♑	
	-10396 Mar 28 j 10:05	0°♒	
evening rise	-10396 Mar 31 j 20:33	4°♒15'26	
asc. node	-10396 Apr 07 j 14:13	12°♒36'18	
	-10396 Apr 21 j 14:53	0°♓	
	-10396 May 15 j 19:16	0°♈	
	-10396 Jun 09 j 00:40	0°♉	
	-10396 Jul 03 j 09:21	0°♊	
	-10396 Jul 28 j 01:00	0°♋	
desc. node	-10396 Jul 29 j 17:07	2°♋00'55	
	-10396 Aug 22 j 05:59	0°♌	
	-10396 Sep 17 j 15:01	0°♍	
evening max el	-10396 Oct 02 j 19:38	16°♍04'23	46°38'08
	-10396 Oct 17 j 10:24	0°♎	
greatest brilliancy	-10396 Nov 10 j 20:26	16°♎35'56	-4.8m
asc. node	-10396 Nov 18 j 11:10	18°♎43'14	
retrograde	-10396 Nov 22 j 02:50	18°♎59'15	
evening set	-10396 Dec 07 j 15:36	14°♎06'20	
inferior conj	-10396 Dec 13 j 08:24	10°♎32'22	5°16'46
minimum elong	-10396 Dec 12 j 23:55	10°♎46'04	5°14'53
min. Earth dist.	-10396 Dec 12 j 18:45	10°♎54'25	0.29080 AU
morning rise	-10396 Dec 18 j 08:51	7°♎23'32	
direct	-10395 Jan 03 j 20:34	2°♎06'55	
greatest brilliancy	-10395 Jan 12 j 19:18	3°♎35'18	-4.7m
	-10395 Feb 19 j 18:57	0°♏	
morning max el	-10395 Feb 21 j 14:53	1°♏43'09	45°58'29
desc. node	-10395 Mar 11 j 16:14	19°♏46'13	
	-10395 Mar 21 j 06:39	0°♐	
	-10395 Apr 16 j 23:46	0°♑	
	-10395 May 12 j 08:54	0°♒	
	-10395 Jun 05 j 22:38	0°♓	
	-10395 Jun 30 j 00:14	0°♈	
asc. node	-10395 Jul 01 j 03:51	1°♈26'43	
	-10395 Jul 23 j 19:14	0°♉	
	-10395 Aug 16 j 12:24	0°♊	
morning set	-10395 Aug 20 j 20:01	5°♊27'22	
	-10395 Sep 09 j 07:31	0°♋	
superior conj	-10395 Oct 02 j 04:29	28°♋37'45	0°43'05
minimum elong	-10395 Oct 02 j 14:55	29°♋10'15	0°43'12

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10395 Oct 03 j 06:53	0°♌		
max. Earth dist.	-10395 Oct 09 j 01:53	7°♌12'40	1.71938 AU	
desc. node	-10395 Oct 22 j 02:49	23°♌23'42		
	-10395 Oct 27 j 10:55	0°♍		
evening rise	-10395 Nov 13 j 11:28	21°♍00'33		
	-10395 Nov 20 j 18:46	0°♎		
	-10395 Dec 15 j 05:35	0°♏		
	-10394 Jan 08 j 19:55	0°♐		
	-10394 Feb 02 j 16:22	0°♑		
asc. node	-10394 Feb 10 j 16:30	9°♑34'10		
	-10394 Feb 27 j 23:07	0°♒		
	-10394 Mar 25 j 22:14	0°♓		
	-10394 Apr 22 j 02:37	0°♈		
evening max el	-10394 May 09 j 17:47	18°♈04'43	46°47'16	
	-10394 May 22 j 13:43	0°♉		
desc. node	-10394 Jun 03 j 22:35	9°♉50'09		
greatest brilliancy	-10394 Jun 19 j 13:04	18°♉15'59	-4.9m	
retrograde	-10394 Jun 28 j 23:37	19°♉55'04		
evening set	-10394 Jul 16 j 03:04	14°♉21'21		
min. Earth dist.	-10394 Jul 19 j 03:25	12°♉33'37	0.26514 AU	
inferior conj	-10394 Jul 19 j 16:44	12°♉13'30	-8°32'04	
minimum elong	-10394 Jul 19 j 11:06	12°♉22'01	8°31'15	
morning rise	-10394 Jul 22 j 19:12	10°♉22'18		
direct	-10394 Aug 08 j 23:11	4°♉44'03		
greatest brilliancy	-10394 Aug 19 j 01:35	6°♉40'39	-4.9m	
	-10394 Sep 20 j 07:44	0°♊		
asc. node	-10394 Sep 23 j 15:45	3°♊13'59		
morning max el	-10394 Sep 28 j 10:15	8°♊00'39	46°33'17	
	-10394 Oct 18 j 23:37	0°♋		
	-10394 Nov 14 j 08:04	0°♌		
	-10394 Dec 10 j 00:24	0°♍		
	-10393 Jan 04 j 10:09	0°♎		
desc. node	-10393 Jan 14 j 17:02	12°♎13'15		
	-10393 Jan 29 j 14:15	0°♏		
	-10393 Feb 23 j 11:20	0°♐		
	-10393 Mar 20 j 00:48	0°♑		
morning set	-10393 Mar 28 j 12:12	10°♑26'26		
	-10393 Apr 13 j 07:20	0°♒		
max. Earth dist.	-10393 Apr 28 j 13:02	18°♒58'44	1.72126 AU	
superior conj	-10393 May 02 j 22:26	24°♒27'55	-0°07'27	
minimum elong	-10393 May 02 j 23:58	24°♒32'44	0°07'46	
behind sun begin	-10393 May 02 j 04:08	23°♒30'46		
behind sun end	-10393 May 03 j 19:48	25°♒34'43		
asc. node	-10393 May 06 j 03:04	28°♒27'32		
	-10393 May 07 j 08:38	0°♓		
	-10393 May 31 j 06:41	0°♈		
evening rise	-10393 Jun 08 j 16:07	10°♈32'48		
	-10393 Jun 24 j 03:34	0°♉		
	-10393 Jul 18 j 01:27	0°♊		
	-10393 Aug 11 j 02:40	0°♋		
desc. node	-10393 Aug 27 j 04:21	19°♋53'42		
	-10393 Sep 04 j 09:24	0°♌		
	-10393 Sep 29 j 00:18	0°♍		
	-10393 Oct 24 j 04:27	0°♎		
	-10393 Nov 19 j 11:12	0°♏		
evening max el	-10393 Dec 13 j 06:11	24°♏50'51	45°06'09	
asc. node	-10393 Dec 16 j 21:26	28°♏19'35		
	-10393 Dec 18 j 16:27	0°♐		
greatest brilliancy	-10392 Jan 19 j 19:03	22°♐28'21	-4.7m	
retrograde	-10392 Jan 30 j 12:33	24°♐32'58		
evening set	-10392 Feb 17 j 01:50	18°♐47'58		
inferior conj	-10392 Feb 20 j 23:58	16°♐23'36	7°49'37	
minimum elong	-10392 Feb 21 j 04:15	16°♐16'53	7°48'46	
min. Earth dist.	-10392 Feb 21 j 22:35	15°♐48'12	0.29390 AU	
morning rise	-10392 Feb 25 j 06:21	13°♐45'41		
direct	-10392 Mar 13 j 23:39	7°♐54'04		
greatest brilliancy	-10392 Mar 24 j 20:18	9°♐59'16	-4.7m	
desc. node	-10392 Apr 08 j 03:39	17°♐45'41		
	-10392 Apr 23 j 09:58	0°♑		
morning max el	-10392 May 02 j 12:31	8°♑31'08	46°18'48	
	-10392 May 23 j 04:47	0°♒		
	-10392 Jun 18 j 12:38	0°♓		
	-10392 Jul 13 j 11:10	0°♈		
asc. node	-10392 Jul 28 j 17:20	18°♈48'13		
	-10392 Aug 06 j 17:21	0°♉		
	-10392 Aug 30 j 16:40	0°♊		
	-10392 Sep 23 j 15:32	0°♋		
	-10392 Oct 17 j 17:48	0°♌		
morning set	-10392 Nov 06 j 09:33	24°♌18'10		
	-10392 Nov 11 j 00:31	0°♍		
desc. node	-10392 Nov 18 j 15:59	9°♍24'22		
	-10392 Dec 05 j 10:27	0°♎		
superior conj	-10392 Dec 16 j 16:45	13°♎48'58	-0°57'00	
minimum elong	-10392 Dec 16 j 07:32	13°♎20'42	0°56'45	
max. Earth dist.	-10392 Dec 17 j 02:28	14°♎18'45	1.73572 AU	
	-10392 Dec 29 j 21:29	0°♏		
evening rise	-10391 Jan 22 j 17:05	29°♏13'17		
	-10391 Jan 23 j 08:19	0°♐		
greatest brilliancy	-10391 Feb 04 j 13:51	15°♐00'32	-3.9m	
	-10391 Feb 16 j 19:15	0°♑		
asc. node	-10391 Mar 10 j 04:04	26°♑08'57		
	-10391 Mar 13 j 07:46	0°♒		
	-10391 Apr 06 j 23:32	0°♓		
	-10391 May 01 j 20:13	0°♈		
	-10391 May 27 j 00:50	0°♉		
	-10391 Jun 21 j 21:20	0°♊		
desc. node	-10391 Jul 01 j 08:50	10°♊38'58		
	-10391 Jul 19 j 09:12	0°♋		
evening max el	-10391 Jul 21 j 14:48	2°♋17'07	47°51'29	
	-10391 Aug 23 j 00:09	0°♌		
greatest brilliancy	-10391 Sep 01 j 04:51	4°♌32'21	-4.9m	
retrograde	-10391 Sep 10 j 21:33	6°♌22'31		
evening set	-10391 Sep 26 j 14:35	1°♌22'09		
	-10391 Sep 28 j 21:03	30°℞♋		
min. Earth dist.	-10391 Oct 01 j 05:30	28°♋31'09	0.27287 AU	
inferior conj	-10391 Oct 01 j 17:34	28°♋11'59	-4°31'43	
minimum elong	-10391 Oct 02 j 02:01	27°♋58'34	4°28'55	
morning rise	-10391 Oct 07 j 14:00	24°♋38'21		
asc. node	-10391 Oct 21 j 02:45	20°♋19'50		
direct	-10391 Oct 22 j 03:04	20°♋18'34		
greatest brilliancy	-10391 Oct 31 j 13:10	22°♋00'13	-4.8m	
	-10391 Nov 15 j 09:12	0°♌		
morning max el	-10391 Dec 10 j 11:03	21°♌30'40	46°06'44	
	-10391 Dec 18 j 23:49	0°♍		
	-10390 Jan 16 j 03:06	0°♎		
desc. node	-10390 Feb 11 j 06:09	29°♎27'52		
	-10390 Feb 11 j 17:20	0°♏		
	-10390 Mar 09 j 10:29	0°♐		
	-10390 Apr 03 j 11:41	0°♑		
	-10390 Apr 28 j 00:13	0°♒		
	-10390 May 22 j 03:16	0°♓		
asc. node	-10390 Jun 02 j 16:23	14°♓29'06		
morning set	-10390 Jun 04 j 08:25	16°♓34'55		
	-10390 Jun 14 j 23:59	0°♈		
	-10390 Jul 08 j 17:31	0°♉		
superior conj	-10390 Jul 13 j 03:09	5°♉34'10	1°15'30	
minimum elong	-10390 Jul 12 j 19:01	5°♉08'27	1°15'38	
max. Earth dist.	-10390 Jul 14 j 08:45	7°♉07'50	1.70728 AU	
	-10390 Aug 01 j 10:56	0°♊		
evening rise	-10390 Aug 23 j 17:44	28°♊03'15		
	-10390 Aug 25 j 06:57	0°♋		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10390 Sep 18 j 07:23	0°♌		
desc. node	-10390 Sep 23 j 16:15	6°♌40'21		
	-10390 Oct 12 j 12:57	0°♍		
	-10390 Nov 06 j 00:05	0°♎		
	-10390 Nov 30 j 18:47	0°♏		
	-10390 Dec 26 j 02:38	0°♐		
asc. node	-10389 Jan 13 j 07:52	20°♐53'34		
	-10389 Jan 21 j 11:58	0°♑		
	-10389 Feb 19 j 05:48	0°♒		
evening max el	-10389 Feb 22 j 20:31	3°♒27'22	45°07'25	
	-10389 Mar 31 j 10:28	0°♓		
greatest brilliancy	-10389 Apr 02 j 04:04	0°♓37'42	-4.7m	
retrograde	-10389 Apr 12 j 05:19	2°♓24'03		
	-10389 Apr 23 j 10:27	30°♓℞		
evening set	-10389 Apr 26 j 21:18	28°♒22'40		
inferior conj	-10389 May 03 j 05:28	24°♒46'36	0°48'14	
minimum elong	-10389 May 03 j 07:17	24°♒43'55	0°47'19	
min. Earth dist.	-10389 May 04 j 01:43	24°♒16'28	0.27398 AU	
desc. node	-10389 May 06 j 14:26	22°♒47'20		
morning rise	-10389 May 09 j 16:20	21°♒05'26		
direct	-10389 May 24 j 12:05	16°♒55'35		
greatest brilliancy	-10389 Jun 05 j 02:04	19°♒22'27	-4.9m	
	-10389 Jun 22 j 11:43	0°♓		
morning max el	-10389 Jul 13 j 23:38	19°♓34'58	46°41'57	
	-10389 Jul 23 j 22:47	0°♈		
	-10389 Aug 19 j 11:28	0°♉		
asc. node	-10389 Aug 26 j 06:05	7°♉59'51		
	-10389 Sep 13 j 13:34	0°♊		
	-10389 Oct 08 j 03:57	0°♋		
	-10389 Nov 01 j 16:38	0°♌		
	-10389 Nov 26 j 07:26	0°♍		
desc. node	-10389 Dec 17 j 05:41	25°♍25'52		
	-10389 Dec 20 j 23:58	0°♎		
	-10388 Jan 14 j 15:52	0°♏		
morning set	-10388 Jan 18 j 11:27	4°♏39'08		
	-10388 Feb 08 j 04:55	0°♐		
max. Earth dist.	-10388 Feb 20 j 01:50	14°♐34'30	1.73613 AU	
superior conj	-10388 Feb 23 j 12:48	18°♐49'39	-1°16'15	
minimum elong	-10388 Feb 23 j 17:43	19°♐04'49	1°16'44	
	-10388 Mar 03 j 14:24	0°♑		
	-10388 Mar 27 j 21:02	0°♒		
evening rise	-10388 Mar 29 j 16:03	2°♒13'11		
asc. node	-10388 Apr 06 j 16:17	12°♒08'35		
	-10388 Apr 21 j 02:03	0°♓		
	-10388 May 15 j 06:45	0°♈		
	-10388 Jun 08 j 12:36	0°♉		
	-10388 Jul 02 j 21:52	0°♊		
	-10388 Jul 27 j 14:20	0°♋		
desc. node	-10388 Jul 28 j 19:22	1°♋27'24		
	-10388 Aug 21 j 20:41	0°♌		
	-10388 Sep 17 j 08:47	0°♍		
evening max el	-10388 Sep 30 j 11:47	13°♍49'40	46°41'55	
	-10388 Oct 17 j 16:09	0°♎		
greatest brilliancy	-10388 Nov 08 j 15:16	14°♎28'17	-4.8m	
asc. node	-10388 Nov 17 j 13:22	16°♎43'59		
retrograde	-10388 Nov 19 j 20:18	16°♎50'19		
evening set	-10388 Dec 05 j 07:19	12°♎00'26		
min. Earth dist.	-10388 Dec 10 j 11:32	8°♎46'46	0.29022 AU	
inferior conj	-10388 Dec 11 j 01:47	8°♎23'42	5°02'43	
minimum elong	-10388 Dec 10 j 17:27	8°♎37'11	5°00'49	
morning rise	-10388 Dec 16 j 04:13	5°♎11'40		
	-10388 Dec 31 j 19:16	30°℞♍		
direct	-10387 Jan 01 j 13:17	29°♍59'20		
	-10387 Jan 02 j 07:22	0°♎		
greatest brilliancy	-10387 Jan 10 j 11:06	1°♎26'54	-4.7m	
morning max el	-10387 Feb 19 j 06:16	29°♎33'21	45°58'04	
	-10387 Feb 19 j 17:32	0°♏		
desc. node	-10387 Mar 10 j 18:23	19°♏06'41		
	-10387 Mar 20 j 22:21	0°♐		
	-10387 Apr 16 j 13:09	0°♑		
	-10387 May 11 j 21:13	0°♒		
	-10387 Jun 05 j 10:23	0°♓		
	-10387 Jun 29 j 11:41	0°♈		
asc. node	-10387 Jun 30 j 06:08	0°♈57'58		
	-10387 Jul 23 j 06:32	0°♉		
	-10387 Aug 15 j 23:39	0°♊		
morning set	-10387 Aug 18 j 05:26	2°♊50'01		
	-10387 Sep 08 j 18:43	0°♋		
superior conj	-10387 Sep 29 j 13:03	26°♋00'06	0°46'25	
minimum elong	-10387 Sep 29 j 24:00	26°♋34'13	0°46'33	
	-10387 Oct 02 j 18:01	0°♌		
max. Earth dist.	-10387 Oct 06 j 14:55	4°♌49'14	1.71863 AU	
desc. node	-10387 Oct 21 j 04:52	22°♌55'41		
	-10387 Oct 26 j 21:59	0°♍		
evening rise	-10387 Nov 10 j 23:48	18°♍36'39		
	-10387 Nov 20 j 05:48	0°♎		
	-10387 Dec 14 j 16:39	0°♏		
	-10386 Jan 08 j 07:14	0°♐		
	-10386 Feb 02 j 04:13	0°♑		
asc. node	-10386 Feb 09 j 18:44	9°♑04'43		
	-10386 Feb 27 j 12:00	0°♒		
	-10386 Mar 25 j 13:03	0°♓		
	-10386 Apr 21 j 21:33	0°♈		
evening max el	-10386 May 07 j 05:36	15°♈37'12	46°43'19	
	-10386 May 22 j 23:00	0°♉		
desc. node	-10386 Jun 03 j 00:55	8°♉27'01		
greatest brilliancy	-10386 Jun 17 j 00:47	15°♉45'25	-4.9m	
retrograde	-10386 Jun 26 j 10:41	17°♉24'10		
evening set	-10386 Jul 13 j 10:54	11°♉56'50		
min. Earth dist.	-10386 Jul 16 j 15:53	10°♉02'42	0.26508 AU	
inferior conj	-10386 Jul 17 j 04:31	9°♉43'38	-8°24'38	
minimum elong	-10386 Jul 16 j 22:04	9°♉53'22	8°23'40	
morning rise	-10386 Jul 20 j 09:16	7°♉49'16		
direct	-10386 Aug 06 j 10:39	2°♉14'11		
greatest brilliancy	-10386 Aug 16 j 15:26	4°♉12'26	-4.9m	
	-10386 Sep 20 j 09:58	0°♊		
asc. node	-10386 Sep 22 j 17:55	2°♊18'04		
morning max el	-10386 Sep 25 j 21:58	5°♊29'36	46°34'11	
	-10386 Oct 18 j 17:02	0°♋		
	-10386 Nov 13 j 22:28	0°♌		
	-10386 Dec 09 j 13:17	0°♍		
	-10385 Jan 03 j 22:08	0°♎		
desc. node	-10385 Jan 13 j 19:11	11°♎44'48		
	-10385 Jan 29 j 01:37	0°♏		
	-10385 Feb 22 j 22:20	0°♐		
	-10385 Mar 19 j 11:36	0°♑		
morning set	-10385 Mar 26 j 07:47	8°♑25'29		
	-10385 Apr 12 j 18:06	0°♒		
max. Earth dist.	-10385 Apr 26 j 08:22	16°♒55'33	1.72194 AU	
superior conj	-10385 Apr 30 j 16:40	22°♒21'07	-0°10'31	
minimum elong	-10385 Apr 30 j 18:48	22°♒27'46	0°10'50	
behind sun begin	-10385 Apr 30 j 02:09	21°♒35'47		
behind sun end	-10385 May 01 j 11:27	23°♒19'46		
asc. node	-10385 May 05 j 05:15	28°♒00'25		
	-10385 May 06 j 19:29	0°♓		
	-10385 May 30 j 17:42	0°♈		
evening rise	-10385 Jun 06 j 07:44	8°♈16'18		
	-10385 Jun 23 j 14:47	0°♉		
	-10385 Jul 17 j 12:53	0°♊		
	-10385 Aug 10 j 14:20	0°♋		
desc. node	-10385 Aug 26 j 06:28	19°♋23'31		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10385 Sep 03 j 21:26	0°♌		
	-10385 Sep 28 j 12:54	0°♍		
	-10385 Oct 23 j 18:08	0°♎		
	-10385 Nov 19 j 03:21	0°♏		
evening max el	-10385 Dec 10 j 21:37	22°♏39'14	45°08'18	
asc. node	-10385 Dec 15 j 23:51	27°♏30'12		
	-10385 Dec 18 j 17:08	0°♐		
greatest brilliancy	-10384 Jan 17 j 10:21	20°♐21'19	-4.7m	
retrograde	-10384 Jan 28 j 06:00	22°♐28'03		
evening set	-10384 Feb 14 j 19:40	16°♐40'40		
inferior conj	-10384 Feb 18 j 16:59	14°♐17'22	7°53'44	
minimum elong	-10384 Feb 18 j 20:40	14°♐11'35	7°52'59	
min. Earth dist.	-10384 Feb 19 j 14:15	13°♐44'04	0.29429 AU	
morning rise	-10384 Feb 22 j 21:25	11°♐42'24		
direct	-10384 Mar 11 j 16:43	5°♐47'05		
greatest brilliancy	-10384 Mar 22 j 11:46	7°♐51'08	-4.7m	
desc. node	-10384 Apr 07 j 05:44	16°♐36'21		
	-10384 Apr 23 j 11:39	0°♑		
morning max el	-10384 Apr 30 j 05:30	6°♑22'15	46°17'47	
	-10384 May 22 j 21:25	0°♒		
	-10384 Jun 18 j 02:36	0°♓		
	-10384 Jul 12 j 23:58	0°♈		
asc. node	-10384 Jul 27 j 19:27	18°♈16'29		
	-10384 Aug 06 j 05:31	0°♉		
	-10384 Aug 30 j 04:27	0°♊		
	-10384 Sep 23 j 03:02	0°♋		
	-10384 Oct 17 j 05:05	0°♌		
morning set	-10384 Nov 03 j 21:02	21°♌51'08		
	-10384 Nov 10 j 11:37	0°♍		
desc. node	-10384 Nov 17 j 18:12	8°♍57'14		
	-10384 Dec 04 j 21:25	0°♎		
superior conj	-10384 Dec 14 j 08:00	11°♎35'06	-0°54'37	
minimum elong	-10384 Dec 13 j 22:45	11°♎06'43	0°54'21	
max. Earth dist.	-10384 Dec 14 j 21:35	12°♎16'46	1.73541 AU	
	-10384 Dec 29 j 08:21	0°♏		
evening rise	-10383 Jan 20 j 11:46	27°♏10'04		
	-10383 Jan 22 j 19:11	0°♐		
greatest brilliancy	-10383 Feb 03 j 08:23	14°♐10'15	-3.9m	
	-10383 Feb 16 j 06:15	0°♑		
asc. node	-10383 Mar 09 j 06:15	25°♑41'09		
	-10383 Mar 12 j 19:05	0°♒		
	-10383 Apr 06 j 11:25	0°♓		
	-10383 May 01 j 08:58	0°♈		
	-10383 May 26 j 14:55	0°♉		
	-10383 Jun 21 j 13:50	0°♊		
desc. node	-10383 Jun 30 j 11:03	9°♊55'37		
	-10383 Jul 19 j 07:36	0°♋		
evening max el	-10383 Jul 19 j 06:27	29°♊57'05	47°51'33	
	-10383 Aug 24 j 21:57	0°♌		
greatest brilliancy	-10383 Aug 29 j 19:53	2°♌08'15	-4.9m	
retrograde	-10383 Sep 08 j 12:36	3°♌58'14		
	-10383 Sep 22 j 08:55	30°℞♋		
evening set	-10383 Sep 24 j 07:33	28°♋54'15		
inferior conj	-10383 Sep 29 j 07:49	25°♋48'21	-4°50'52	
minimum elong	-10383 Sep 29 j 16:40	25°♋34'19	4°48'00	
min. Earth dist.	-10383 Sep 28 j 19:38	26°♋07'39	0.27241 AU	
morning rise	-10383 Oct 05 j 02:22	22°♋18'02		
direct	-10383 Oct 19 j 17:13	17°♋56'06		
asc. node	-10383 Oct 20 j 04:57	17°♋56'23		
greatest brilliancy	-10383 Oct 29 j 03:01	19°♋38'09	-4.8m	
	-10383 Nov 16 j 04:36	0°♌		
morning max el	-10383 Dec 08 j 02:48	19°♌16'31	46°07'31	
	-10383 Dec 18 j 19:40	0°♍		
	-10382 Jan 15 j 18:13	0°♎		
desc. node	-10382 Feb 10 j 08:11	28°♎55'59		
	-10382 Feb 11 j 06:26	0°♏		
	-10382 Mar 08 j 22:31	0°♐		
	-10382 Apr 02 j 23:08	0°♑		
	-10382 Apr 27 j 11:22	0°♒		
	-10382 May 21 j 14:18	0°♓		
asc. node	-10382 Jun 01 j 18:43	14°♓01'51		
morning set	-10382 Jun 02 j 00:24	14°♓19'41		
	-10382 Jun 14 j 11:01	0°♈		
	-10382 Jul 08 j 04:37	0°♉		
superior conj	-10382 Jul 10 j 15:23	3°♉05'49	1°13'53	
minimum elong	-10382 Jul 10 j 06:46	2°♉38'37	1°13'57	
max. Earth dist.	-10382 Jul 11 j 13:24	4°♉15'27	1.70744 AU	
	-10382 Jul 31 j 22:09	0°♊		
evening rise	-10382 Aug 21 j 01:15	25°♊20'39		
	-10382 Aug 24 j 18:17	0°♋		
	-10382 Sep 17 j 18:50	0°♌		
desc. node	-10382 Sep 22 j 18:23	6°♌11'22		
	-10382 Oct 12 j 00:30	0°♍		
	-10382 Nov 05 j 11:52	0°♎		
	-10382 Nov 30 j 07:03	0°♏		
	-10382 Dec 25 j 15:57	0°♐		
asc. node	-10381 Jan 12 j 10:05	20°♐18'24		
	-10381 Jan 21 j 03:40	0°♑		
	-10381 Feb 19 j 04:18	0°♒		
evening max el	-10381 Feb 20 j 11:29	1°♒13'55	45°05'29	
greatest brilliancy	-10381 Mar 30 j 17:35	28°♒20'34	-4.7m	
	-10381 Apr 07 j 09:48	0°♓		
retrograde	-10381 Apr 09 j 18:10	0°♓06'07		
	-10381 Apr 12 j 01:53	30°℞♒		
evening set	-10381 Apr 24 j 12:07	26°♒03'10		
inferior conj	-10381 Apr 30 j 19:04	22°♒28'15	1°09'47	
minimum elong	-10381 Apr 30 j 21:40	22°♒24'22	1°08'37	
min. Earth dist.	-10381 May 01 j 16:33	21°♒56'10	0.27463 AU	
desc. node	-10381 May 05 j 16:45	19°♒36'32		
morning rise	-10381 May 07 j 06:14	18°♒46'00		
direct	-10381 May 22 j 02:35	14°♒35'59		
greatest brilliancy	-10381 Jun 02 j 16:40	17°♒02'17	-4.8m	
	-10381 Jun 23 j 00:33	0°♓		
morning max el	-10381 Jul 11 j 12:48	17°♓09'32	46°41'28	
	-10381 Jul 23 j 18:03	0°♈		
	-10381 Aug 19 j 02:44	0°♉		
asc. node	-10381 Aug 25 j 08:17	7°♉22'35		
	-10381 Sep 13 j 03:11	0°♊		
	-10381 Oct 07 j 16:40	0°♋		
	-10381 Nov 01 j 04:47	0°♌		
	-10381 Nov 25 j 19:09	0°♍		
desc. node	-10381 Dec 16 j 07:51	24°♍57'50		
	-10381 Dec 20 j 11:19	0°♎		
	-10380 Jan 14 j 02:57	0°♏		
morning set	-10380 Jan 16 j 04:31	2°♏31'05		
	-10380 Feb 07 j 15:52	0°♐		
max. Earth dist.	-10380 Feb 17 j 21:57	12°♐35'13	1.73638 AU	
superior conj	-10380 Feb 21 j 08:19	16°♐48'28	-1°17'11	
minimum elong	-10380 Feb 21 j 12:48	17°♐02'12	1°17'41	
	-10380 Mar 03 j 01:21	0°♑		
evening rise	-10380 Mar 27 j 11:41	0°♒11'08		
	-10380 Mar 27 j 08:05	0°♒		
asc. node	-10380 Apr 05 j 18:32	11°♒41'05		
	-10380 Apr 20 j 13:19	0°♓		
	-10380 May 14 j 18:19	0°♈		
	-10380 Jun 08 j 00:36	0°♉		
	-10380 Jul 02 j 10:27	0°♊		
	-10380 Jul 27 j 03:46	0°♋		
desc. node	-10380 Jul 27 j 21:29	0°♋53'17		
	-10380 Aug 21 j 11:37	0°♌		
	-10380 Sep 17 j 03:08	0°♍		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10380 Sep 28 j 02:58	11°♍31'37	46°45'23
	-10380 Oct 18 j 00:46	0°♎	
greatest brilliancy	-10380 Nov 06 j 10:11	12°♎18'58	-4.8m
asc. node	-10380 Nov 16 j 15:48	14°♎38'31	
retrograde	-10380 Nov 17 j 13:17	14°♎39'30	
evening set	-10380 Dec 02 j 22:50	9°♎52'21	
min. Earth dist.	-10380 Dec 08 j 04:27	6°♎36'39	0.28965 AU
inferior conj	-10380 Dec 08 j 18:55	6°♎13'12	4°47'52
minimum elong	-10380 Dec 08 j 10:47	6°♎26'23	4°46'00
morning rise	-10380 Dec 13 j 23:20	2°♎57'56	
	-10380 Dec 19 j 19:19	30°℞♍	
direct	-10380 Dec 30 j 05:13	27°♍49'44	
greatest brilliancy	-10379 Jan 08 j 03:19	29°♍17'13	-4.7m
	-10379 Jan 10 j 04:49	0°♎	
morning max el	-10379 Feb 16 j 21:05	27°♎21'03	45°57'51
	-10379 Feb 19 j 15:41	0°♏	
desc. node	-10379 Mar 09 j 20:34	18°♏26'52	
	-10379 Mar 20 j 14:07	0°♐	
	-10379 Apr 16 j 02:40	0°♑	
	-10379 May 11 j 09:40	0°♒	
	-10379 Jun 04 j 22:17	0°♓	
	-10379 Jun 28 j 23:17	0°♈	
asc. node	-10379 Jun 29 j 08:14	0°♈28'06	
	-10379 Jul 22 j 18:01	0°♉	
	-10379 Aug 15 j 11:03	0°♊	
morning set	-10379 Aug 15 j 15:24	0°♊13'45	
	-10379 Sep 08 j 06:04	0°♋	
superior conj	-10379 Sep 26 j 21:51	23°♋22'30	0°49'38
minimum elong	-10379 Sep 27 j 09:12	23°♋57'54	0°49'46
	-10379 Oct 02 j 05:20	0°♌	
max. Earth dist.	-10379 Oct 04 j 02:17	2°♌20'01	1.71794 AU
desc. node	-10379 Oct 20 j 07:07	22°♌27'37	
	-10379 Oct 26 j 09:17	0°♍	
evening rise	-10379 Nov 08 j 11:46	16°♍10'44	
	-10379 Nov 19 j 17:08	0°♎	
	-10379 Dec 14 j 04:06	0°♏	
	-10378 Jan 07 j 18:57	0°♐	
	-10378 Feb 01 j 16:30	0°♑	
asc. node	-10378 Feb 08 j 20:56	8°♑33'57	
	-10378 Feb 27 j 01:20	0°♒	
	-10378 Mar 25 j 04:26	0°♓	
	-10378 Apr 21 j 17:23	0°♈	
evening max el	-10378 May 04 j 17:14	13°♈08'39	46°39'30
	-10378 May 23 j 11:48	0°♉	
desc. node	-10378 Jun 02 j 03:11	7°♉00'06	
greatest brilliancy	-10378 Jun 14 j 12:10	13°♉13'46	-4.9m
retrograde	-10378 Jun 23 j 22:08	14°♉52'50	
evening set	-10378 Jul 10 j 18:31	9°♉31'42	
min. Earth dist.	-10378 Jul 14 j 04:12	7°♉31'15	0.26503 AU
inferior conj	-10378 Jul 14 j 16:17	7°♉13'05	-8°16'05
minimum elong	-10378 Jul 14 j 09:05	7°♉23'55	8°14'58
morning rise	-10378 Jul 17 j 23:39	5°♉15'13	
	-10378 Jul 31 j 06:19	30°℞♈	
direct	-10378 Aug 03 j 22:18	29°♈43'28	
	-10378 Aug 07 j 15:46	0°♉	
greatest brilliancy	-10378 Aug 14 j 05:10	1°♉43'33	-4.9m
	-10378 Sep 20 j 11:05	0°♊	
asc. node	-10378 Sep 21 j 20:10	1°♊22'57	
morning max el	-10378 Sep 23 j 10:34	3°♊00'15	46°35'11
	-10378 Oct 18 j 10:18	0°♋	
	-10378 Nov 13 j 12:58	0°♌	
	-10378 Dec 09 j 02:23	0°♍	
	-10377 Jan 03 j 10:24	0°♎	
desc. node	-10377 Jan 12 j 21:12	11°♎15'00	
	-10377 Jan 28 j 13:22	0°♏	
	-10377 Feb 22 j 09:44	0°♐	
	-10377 Mar 18 j 22:47	0°♑	
morning set	-10377 Mar 24 j 03:07	6°♑22'41	
	-10377 Apr 12 j 05:13	0°♒	
max. Earth dist.	-10377 Apr 24 j 04:03	14°♒52'25	1.72255 AU
superior conj	-10377 Apr 28 j 10:47	20°♒12'56	-0°13'35
minimum elong	-10377 Apr 28 j 13:29	20°♒21'23	0°13'53
behind sun begin	-10377 Apr 28 j 02:21	19°♒46'36	
behind sun end	-10377 Apr 29 j 00:38	20°♒56'10	
asc. node	-10377 May 04 j 07:31	27°♒32'34	
	-10377 May 06 j 06:40	0°♓	
	-10377 May 30 j 05:03	0°♈	
evening rise	-10377 Jun 03 j 23:29	5°♈59'16	
	-10377 Jun 23 j 02:20	0°♉	
	-10377 Jul 17 j 00:39	0°♊	
	-10377 Aug 10 j 02:22	0°♋	
desc. node	-10377 Aug 25 j 08:41	18°♋52'38	
	-10377 Sep 03 j 09:48	0°♌	
	-10377 Sep 28 j 01:50	0°♍	
	-10377 Oct 23 j 08:11	0°♎	
	-10377 Nov 18 j 20:06	0°♏	
evening max el	-10377 Dec 08 j 13:46	20°♏28'19	45°10'20
asc. node	-10377 Dec 15 j 02:00	26°♏38'16	
	-10377 Dec 18 j 19:40	0°♐	
greatest brilliancy	-10376 Jan 15 j 01:32	18°♐12'44	-4.7m
retrograde	-10376 Jan 25 j 23:23	20°♐21'18	
evening set	-10376 Feb 12 j 13:11	14°♐32'01	
inferior conj	-10376 Feb 16 j 09:52	12°♐09'21	7°57'13
minimum elong	-10376 Feb 16 j 12:56	12°♐04'31	7°56'32
min. Earth dist.	-10376 Feb 17 j 05:35	11°♐38'26	0.29468 AU
morning rise	-10376 Feb 20 j 12:29	9°♐37'01	
direct	-10376 Mar 09 j 10:05	3°♐38'28	
greatest brilliancy	-10376 Mar 20 j 02:33	5°♐40'37	-4.7m
desc. node	-10376 Apr 06 j 08:03	15°♐27'44	
	-10376 Apr 23 j 12:42	0°♑	
morning max el	-10376 Apr 27 j 22:42	4°♑12'41	46°16'49
	-10376 May 22 j 14:13	0°♒	
	-10376 Jun 17 j 16:49	0°♓	
	-10376 Jul 12 j 13:00	0°♈	
asc. node	-10376 Jul 26 j 21:36	17°♈44'02	
	-10376 Aug 05 j 17:55	0°♉	
	-10376 Aug 29 j 16:29	0°♊	
	-10376 Sep 22 j 14:49	0°♋	
	-10376 Oct 16 j 16:39	0°♌	
morning set	-10376 Nov 01 j 08:39	19°♌23'32	
	-10376 Nov 09 j 23:00	0°♍	
desc. node	-10376 Nov 16 j 20:21	8°♍29'00	
	-10376 Dec 04 j 08:38	0°♎	
superior conj	-10376 Dec 11 j 23:13	9°♎20'13	-0°52'09
minimum elong	-10376 Dec 11 j 14:00	8°♎51'56	0°51'52
max. Earth dist.	-10376 Dec 12 j 18:56	10°♎20'43	1.73508 AU
	-10376 Dec 28 j 19:29	0°♏	
evening rise	-10375 Jan 18 j 06:29	25°♏06'04	
	-10375 Jan 22 j 06:20	0°♐	
greatest brilliancy	-10375 Feb 02 j 04:28	13°♐23'45	-3.9m
	-10375 Feb 15 j 17:35	0°♑	
asc. node	-10375 Mar 08 j 08:30	25°♑12'26	
	-10375 Mar 12 j 06:49	0°♒	
	-10375 Apr 05 j 23:45	0°♓	
	-10375 Apr 30 j 22:10	0°♈	
	-10375 May 26 j 05:30	0°♉	
	-10375 Jun 21 j 06:56	0°♊	
desc. node	-10375 Jun 29 j 13:11	9°♊10'39	
evening max el	-10375 Jul 16 j 22:29	27°♊37'13	47°51'31
	-10375 Jul 19 j 07:12	0°♋	
greatest brilliancy	-10375 Aug 27 j 10:51	29°♋43'19	-4.9m

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10375 Aug 28 j 06:06	0°♌	
retrograde	-10375 Sep 06 j 03:37	1°♌32'49	
	-10375 Sep 14 j 16:15	30°℞♋	
evening set	-10375 Sep 22 j 00:38	26°♋25'24	
inferior conj	-10375 Sep 26 j 22:00	23°♋23'43	-5°09'36
minimum elong	-10375 Sep 27 j 07:14	23°♋09'08	5°06'41
min. Earth dist.	-10375 Sep 26 j 09:38	23°♋43'17	0.27195 AU
morning rise	-10375 Oct 02 j 14:27	19°♋56'53	
direct	-10375 Oct 17 j 07:27	15°♋32'51	
asc. node	-10375 Oct 19 j 07:22	15°♋37'44	
greatest brilliancy	-10375 Oct 26 j 16:36	17°♋14'42	-4.8m
	-10375 Nov 16 j 19:27	0°♌	
morning max el	-10375 Dec 05 j 18:09	17°♌00'30	46°08'19
	-10375 Dec 18 j 15:12	0°♍	
	-10374 Jan 15 j 09:20	0°♎	
desc. node	-10374 Feb 09 j 10:24	28°♎24'10	
	-10374 Feb 10 j 19:38	0°♏	
	-10374 Mar 08 j 10:45	0°♐	
	-10374 Apr 02 j 10:50	0°♑	
	-10374 Apr 26 j 22:49	0°♒	
	-10374 May 21 j 01:39	0°♓	
morning set	-10374 May 30 j 16:14	12°♓03'04	
asc. node	-10374 May 31 j 20:49	13°♓32'51	
	-10374 Jun 13 j 22:21	0°♈	
	-10374 Jul 07 j 15:58	0°♉	
superior conj	-10374 Jul 08 j 03:37	0°♉36'49	1°12'06
minimum elong	-10374 Jul 07 j 18:36	0°♉08'18	1°12'08
max. Earth dist.	-10374 Jul 08 j 15:04	1°♉13'02	1.70758 AU
	-10374 Jul 31 j 09:34	0°♊	
evening rise	-10374 Aug 18 j 08:48	22°♊37'31	
	-10374 Aug 24 j 05:48	0°♋	
	-10374 Sep 17 j 06:27	0°♌	
desc. node	-10374 Sep 21 j 20:37	5°♌42'10	
	-10374 Oct 11 j 12:15	0°♍	
	-10374 Nov 04 j 23:50	0°♎	
	-10374 Nov 29 j 19:31	0°♏	
	-10374 Dec 25 j 05:31	0°♐	
asc. node	-10373 Jan 11 j 12:21	19°♐42'51	
	-10373 Jan 20 j 19:44	0°♑	
evening max el	-10373 Feb 18 j 01:31	28°♑57'57	45°03'32
	-10373 Feb 19 j 03:55	0°♒	
greatest brilliancy	-10373 Mar 28 j 07:13	26°♒03'08	-4.7m
retrograde	-10373 Apr 07 j 06:36	27°♒47'56	
evening set	-10373 Apr 22 j 03:01	23°♒42'49	
inferior conj	-10373 Apr 28 j 08:39	20°♒09'29	1°31'08
minimum elong	-10373 Apr 28 j 12:01	20°♒04'28	1°29'43
min. Earth dist.	-10373 Apr 29 j 07:42	19°♒34'59	0.27535 AU
morning rise	-10373 May 04 j 19:55	16°♒26'19	
desc. node	-10373 May 04 j 18:57	16°♒27'34	
direct	-10373 May 19 j 16:40	12°♒15'34	
greatest brilliancy	-10373 May 31 j 07:58	14°♒42'13	-4.8m
	-10373 Jun 23 j 10:33	0°♓	
morning max el	-10373 Jul 09 j 01:43	14°♓42'35	46°41'04
	-10373 Jul 23 j 13:07	0°♈	
	-10373 Aug 18 j 18:02	0°♉	
asc. node	-10373 Aug 24 j 10:34	6°♉45'19	
	-10373 Sep 12 j 16:50	0°♊	
	-10373 Oct 07 j 05:25	0°♋	
	-10373 Oct 31 j 16:57	0°♌	
	-10373 Nov 25 j 06:52	0°♍	
desc. node	-10373 Dec 15 j 09:49	24°♍29'05	
	-10373 Dec 19 j 22:42	0°♎	
morning set	-10372 Jan 13 j 21:39	0°♏23'03	
	-10372 Jan 13 j 14:05	0°♏	
	-10372 Feb 07 j 02:51	0°♐	
max. Earth dist.	-10372 Feb 15 j 17:58	10°♐35'39	1.73661 AU
superior conj	-10372 Feb 19 j 04:05	14°♐47'59	-1°18'00
minimum elong	-10372 Feb 19 j 08:05	15°♐00'17	1°18'30
	-10372 Mar 02 j 12:19	0°♑	
evening rise	-10372 Mar 25 j 07:35	28°♑10'01	
	-10372 Mar 26 j 19:09	0°♒	
asc. node	-10372 Apr 04 j 20:50	11°♒13'41	
	-10372 Apr 20 j 00:37	0°♓	
	-10372 May 14 j 05:59	0°♈	
	-10372 Jun 07 j 12:45	0°♉	
	-10372 Jul 01 j 23:13	0°♊	
desc. node	-10372 Jul 26 j 23:45	0°♋19'04	
	-10372 Jul 26 j 17:24	0°♋	
	-10372 Aug 21 j 02:48	0°♌	
	-10372 Sep 16 j 21:58	0°♍	
evening max el	-10372 Sep 25 j 17:39	9°♍12'10	46°49'07
	-10372 Oct 18 j 12:19	0°♎	
greatest brilliancy	-10372 Nov 04 j 04:55	10°♎09'28	-4.8m
retrograde	-10372 Nov 15 j 06:24	12°♎29'07	
asc. node	-10372 Nov 15 j 17:57	12°♎28'49	
evening set	-10372 Nov 30 j 14:31	7°♎44'10	
min. Earth dist.	-10372 Dec 05 j 21:30	4°♎26'45	0.28907 AU
inferior conj	-10372 Dec 06 j 12:09	4°♎03'01	4°32'40
minimum elong	-10372 Dec 06 j 04:14	4°♎15'50	4°30'48
morning rise	-10372 Dec 11 j 18:31	0°♎44'45	
	-10372 Dec 13 j 01:47	30°℞♍	
direct	-10372 Dec 27 j 20:56	25°♍40'16	
greatest brilliancy	-10371 Jan 05 j 19:53	27°♍08'14	-4.7m
	-10371 Jan 12 j 18:07	0°♎	
morning max el	-10371 Feb 14 j 12:41	25°♎10'57	45°57'48
	-10371 Feb 19 j 12:54	0°♏	
desc. node	-10371 Mar 08 j 22:46	17°♏47'56	
	-10371 Mar 20 j 05:31	0°♐	
	-10371 Apr 15 j 15:56	0°♑	
	-10371 May 10 j 21:56	0°♒	
	-10371 Jun 04 j 10:02	0°♓	
greatest brilliancy	-10371 Jun 18 j 14:05	17°♓38'02	-3.9m
asc. node	-10371 Jun 28 j 10:23	29°♓58'40	
	-10371 Jun 28 j 10:49	0°♈	
	-10371 Jul 22 j 05:27	0°♉	
morning set	-10371 Aug 13 j 01:04	27°♉36'32	
	-10371 Aug 14 j 22:27	0°♊	
	-10371 Sep 07 j 17:25	0°♋	
superior conj	-10371 Sep 24 j 06:10	20°♋43'15	0°52'47
minimum elong	-10371 Sep 24 j 17:49	21°♋19'41	0°52'55
max. Earth dist.	-10371 Oct 01 j 09:43	29°♋38'32	1.71721 AU
	-10371 Oct 01 j 16:37	0°♌	
desc. node	-10371 Oct 19 j 09:15	21°♌59'23	
	-10371 Oct 25 j 20:31	0°♍	
evening rise	-10371 Nov 05 j 23:19	13°♍43'44	
	-10371 Nov 19 j 04:21	0°♎	
	-10371 Dec 13 j 15:25	0°♏	
	-10370 Jan 07 j 06:32	0°♐	
	-10370 Feb 01 j 04:39	0°♑	
asc. node	-10370 Feb 07 j 23:16	8°♑04'01	
	-10370 Feb 26 j 14:34	0°♒	
	-10370 Mar 24 j 19:45	0°♓	
	-10370 Apr 21 j 13:28	0°♈	
evening max el	-10370 May 02 j 05:50	10°♈43'42	46°35'43
	-10370 May 24 j 04:07	0°♉	
desc. node	-10370 Jun 01 j 05:16	5°♉30'56	
greatest brilliancy	-10370 Jun 11 j 22:49	10°♉42'32	-4.9m
retrograde	-10370 Jun 21 j 10:08	12°♉22'43	
evening set	-10370 Jul 08 j 02:00	7°♉07'40	
min. Earth dist.	-10370 Jul 11 j 16:14	5°♉01'09	0.26505 AU
inferior conj	-10370 Jul 12 j 04:05	4°♉43'25	-8°06'26
minimum elong	-10370 Jul 11 j 20:12	4°♉55'14	8°05'10

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10370 Jul 15 j 14:22	2°♉41'46		
	-10370 Jul 20 j 18:03	30°♑℞		
direct	-10370 Aug 01 j 10:40	27°♈13'37		
greatest brilliancy	-10370 Aug 11 j 18:34	29°♈14'59	-4.9m	
	-10370 Aug 13 j 15:14	0°♉		
	-10370 Sep 20 j 10:57	0°♊		
asc. node	-10370 Sep 20 j 22:28	0°♊29'18		
morning max el	-10370 Sep 21 j 00:19	0°♊34'02	46°35'58	
	-10370 Oct 18 j 03:10	0°♋		
	-10370 Nov 13 j 03:13	0°♌		
	-10370 Dec 08 j 15:16	0°♍		
	-10369 Jan 02 j 22:26	0°♎		
desc. node	-10369 Jan 11 j 23:27	10°♎46'35		
	-10369 Jan 28 j 00:50	0°♏		
	-10369 Feb 21 j 20:51	0°♐		
	-10369 Mar 18 j 09:42	0°♑		
morning set	-10369 Mar 21 j 22:43	4°♑21'33		
	-10369 Apr 11 j 16:05	0°♒		
max. Earth dist.	-10369 Apr 21 j 22:36	12°♒46'44	1.72312 AU	
superior conj	-10369 Apr 26 j 05:20	18°♒07'01	-0°16'36	
minimum elong	-10369 Apr 26 j 08:35	18°♒17'10	0°16'52	
asc. node	-10369 May 03 j 09:38	27°♒05'06		
	-10369 May 05 j 17:35	0°♓		
	-10369 May 29 j 16:06	0°♈		
evening rise	-10369 Jun 01 j 15:46	3°♈44'57		
	-10369 Jun 22 j 13:34	0°♉		
	-10369 Jul 16 j 12:08	0°♊		
	-10369 Aug 09 j 14:08	0°♋		
desc. node	-10369 Aug 24 j 10:55	18°♋22'31		
	-10369 Sep 02 j 21:58	0°♌		
	-10369 Sep 27 j 14:38	0°♍		
	-10369 Oct 22 j 22:11	0°♎		
	-10369 Nov 18 j 12:57	0°♏		
evening max el	-10369 Dec 06 j 06:34	18°♏19'29	45°12'37	
asc. node	-10369 Dec 14 j 04:17	25°♏46'21		
	-10369 Dec 18 j 23:31	0°♐		
greatest brilliancy	-10368 Jan 12 j 17:22	16°♐05'50	-4.7m	
retrograde	-10368 Jan 23 j 16:40	18°♐15'30		
evening set	-10368 Feb 10 j 06:39	12°♐24'58		
inferior conj	-10368 Feb 14 j 02:52	10°♐02'31	8°00'02	
minimum elong	-10368 Feb 14 j 05:19	9°♐58'41	7°59'25	
min. Earth dist.	-10368 Feb 14 j 20:57	9°♐34'07	0.29499 AU	
morning rise	-10368 Feb 18 j 03:49	7°♐32'26		
direct	-10368 Mar 07 j 03:40	1°♐31'16		
greatest brilliancy	-10368 Mar 17 j 16:58	3°♐30'51	-4.7m	
desc. node	-10368 Apr 05 j 10:14	14°♐21'48		
	-10368 Apr 23 j 12:11	0°♑		
morning max el	-10368 Apr 25 j 15:36	2°♑03'38	46°15'50	
	-10368 May 22 j 06:21	0°♒		
	-10368 Jun 17 j 06:32	0°♓		
	-10368 Jul 12 j 01:36	0°♈		
asc. node	-10368 Jul 25 j 23:54	17°♈13'21		
	-10368 Aug 05 j 05:55	0°♉		
	-10368 Aug 29 j 04:07	0°♊		
	-10368 Sep 22 j 02:14	0°♋		
	-10368 Oct 16 j 03:54	0°♌		
morning set	-10368 Oct 29 j 20:00	16°♌55'53		
	-10368 Nov 09 j 10:07	0°♍		
desc. node	-10368 Nov 15 j 22:23	8°♍01'11		
	-10368 Dec 03 j 19:37	0°♎		
superior conj	-10368 Dec 09 j 13:51	7°♎04'16	-0°49'34	
minimum elong	-10368 Dec 09 j 04:44	6°♎36'18	0°49'14	
max. Earth dist.	-10368 Dec 10 j 16:19	8°♎25'29	1.73472 AU	
	-10368 Dec 28 j 06:22	0°♏		
evening rise	-10367 Jan 16 j 00:46	23°♏01'32		
	-10367 Jan 21 j 17:13	0°♐		
greatest brilliancy	-10367 Feb 01 j 01:19	12°♐40'33	-3.9m	
	-10367 Feb 15 j 04:39	0°♑		
asc. node	-10367 Mar 07 j 10:47	24°♑44'45		
	-10367 Mar 11 j 18:15	0°♒		
	-10367 Apr 05 j 11:48	0°♓		
	-10367 Apr 30 j 11:07	0°♈		
	-10367 May 25 j 19:52	0°♉		
	-10367 Jun 20 j 23:57	0°♊		
desc. node	-10367 Jun 28 j 15:32	8°♊26'52		
evening max el	-10367 Jul 14 j 14:21	25°♊18'06	47°51'16	
	-10367 Jul 19 j 07:21	0°♋		
greatest brilliancy	-10367 Aug 25 j 02:15	27°♋20'14	-4.9m	
retrograde	-10367 Sep 03 j 18:20	29°♋08'29		
evening set	-10367 Sep 19 j 17:49	23°♋57'52		
min. Earth dist.	-10367 Sep 23 j 23:54	21°♋19'58	0.27151 AU	
inferior conj	-10367 Sep 24 j 12:15	21°♋00'25	-5°27'41	
minimum elong	-10367 Sep 24 j 21:44	20°♋45'24	5°24'48	
morning rise	-10367 Sep 30 j 02:19	17°♋37'04		
direct	-10367 Oct 14 j 21:31	13°♋10'57		
asc. node	-10367 Oct 18 j 09:30	13°♋25'47		
greatest brilliancy	-10367 Oct 24 j 06:33	14°♋52'40	-4.8m	
	-10367 Nov 17 j 06:05	0°♌		
morning max el	-10367 Dec 03 j 08:40	14°♌43'09	46°08'57	
	-10367 Dec 18 j 09:54	0°♍		
	-10366 Jan 15 j 00:01	0°♎		
desc. node	-10366 Feb 08 j 12:35	27°♎53'08		
	-10366 Feb 10 j 08:31	0°♏		
	-10366 Mar 07 j 22:39	0°♐		
	-10366 Apr 01 j 22:13	0°♑		
	-10366 Apr 26 j 09:56	0°♒		
	-10366 May 20 j 12:40	0°♓		
morning set	-10366 May 28 j 08:12	9°♓47'55		
asc. node	-10366 May 30 j 22:57	13°♓05'02		
	-10366 Jun 13 j 09:21	0°♈		
superior conj	-10366 Jul 05 j 16:12	28°♈09'50	1°10'12	
minimum elong	-10366 Jul 05 j 06:51	27°♈40'18	1°10'11	
max. Earth dist.	-10366 Jul 05 j 15:35	28°♈07'55	1.70779 AU	
	-10366 Jul 07 j 03:02	0°♉		
	-10366 Jul 30 j 20:43	0°♊		
evening rise	-10366 Aug 15 j 16:48	19°♊56'38		
	-10366 Aug 23 j 17:02	0°♋		
	-10366 Sep 16 j 17:45	0°♌		
desc. node	-10366 Sep 20 j 22:46	5°♌13'42		
	-10366 Oct 10 j 23:40	0°♍		
	-10366 Nov 04 j 11:31	0°♎		
	-10366 Nov 29 j 07:45	0°♏		
	-10366 Dec 24 j 18:55	0°♐		
asc. node	-10365 Jan 10 j 14:41	19°♐07'54		
	-10365 Jan 20 j 11:50	0°♑		
evening max el	-10365 Feb 15 j 15:04	26°♑41'38	45°01'51	
	-10365 Feb 19 j 04:22	0°♒		
greatest brilliancy	-10365 Mar 25 j 20:47	23°♒46'50	-4.7m	
retrograde	-10365 Apr 04 j 19:24	25°♒31'32		
evening set	-10365 Apr 19 j 18:14	21°♒23'39		
inferior conj	-10365 Apr 25 j 22:28	17°♒52'17	1°51'58	
minimum elong	-10365 Apr 26 j 02:33	17°♒46'09	1°50'22	
min. Earth dist.	-10365 Apr 26 j 23:05	17°♒15'26	0.27608 AU	
morning rise	-10365 May 02 j 09:40	14°♒08'42		
desc. node	-10365 May 03 j 21:05	13°♒23'35		
direct	-10365 May 17 j 06:48	9°♒56'35		
greatest brilliancy	-10365 May 28 j 23:55	12°♒24'27	-4.8m	
	-10365 Jun 23 j 17:27	0°♓		
morning max el	-10365 Jul 06 j 15:08	12°♓18'04	46°40'36	
	-10365 Jul 23 j 07:22	0°♈		
	-10365 Aug 18 j 08:52	0°♉		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10365 Aug 23 j 12:43	6°♉08'45	
	-10365 Sep 12 j 06:08	0°♊	
	-10365 Oct 06 j 17:51	0°♋	
	-10365 Oct 31 j 04:48	0°♌	
	-10365 Nov 24 j 18:18	0°♍	
desc. node	-10365 Dec 14 j 12:06	24°♍02'01	
	-10365 Dec 19 j 09:49	0°♎	
morning set	-10364 Jan 11 j 14:36	28°♎15'07	
	-10364 Jan 13 j 01:00	0°♏	
	-10364 Feb 06 j 13:40	0°♐	
max. Earth dist.	-10364 Feb 13 j 14:09	8°♐37'05	1.73688 AU
superior conj	-10364 Feb 16 j 23:40	12°♐47'31	-1°18'43
minimum elong	-10364 Feb 17 j 03:11	12°♐58'20	1°19'14
	-10364 Mar 01 j 23:07	0°♑	
evening rise	-10364 Mar 23 j 03:19	26°♑08'55	
	-10364 Mar 26 j 06:04	0°♒	
asc. node	-10364 Apr 03 j 22:54	10°♒46'05	
	-10364 Apr 19 j 11:45	0°♓	
	-10364 May 13 j 17:30	0°♈	
	-10364 Jun 07 j 00:45	0°♉	
	-10364 Jul 01 j 11:52	0°♊	
desc. node	-10364 Jul 26 j 02:00	29°♊45'05	
	-10364 Jul 26 j 06:59	0°♋	
	-10364 Aug 20 j 18:02	0°♌	
	-10364 Sep 16 j 17:10	0°♍	
evening max el	-10364 Sep 23 j 08:40	6°♍53'52	46°52'51
	-10364 Oct 19 j 03:37	0°♎	
greatest brilliancy	-10364 Nov 01 j 23:04	7°♎59'20	-4.8m
retrograde	-10364 Nov 12 j 23:46	10°♎18'50	
asc. node	-10364 Nov 14 j 20:12	10°♎14'34	
evening set	-10364 Nov 28 j 06:11	5°♎35'41	
min. Earth dist.	-10364 Dec 03 j 14:16	2°♎17'02	0.28848 AU
inferior conj	-10364 Dec 04 j 05:15	1°♎52'49	4°17'01
minimum elong	-10364 Dec 03 j 21:36	2°♎05'10	4°15'11
	-10364 Dec 07 j 03:39	30°℞♍	
morning rise	-10364 Dec 09 j 13:35	28°♍31'48	
direct	-10364 Dec 25 j 12:36	23°♍30'45	
greatest brilliancy	-10363 Jan 03 j 12:10	24°♍59'17	-4.7m
	-10363 Jan 14 j 08:24	0°♎	
morning max el	-10363 Feb 12 j 05:01	23°♎03'00	45°57'41
	-10363 Feb 19 j 09:17	0°♏	
desc. node	-10363 Mar 08 j 00:55	17°♏09'33	
	-10363 Mar 19 j 20:38	0°♐	
	-10363 Apr 15 j 05:05	0°♑	
	-10363 May 10 j 10:07	0°♒	
	-10363 Jun 03 j 21:43	0°♓	
greatest brilliancy	-10363 Jun 24 j 10:59	25°♓38'31	-3.9m
asc. node	-10363 Jun 27 j 12:41	29°♓29'57	
	-10363 Jun 27 j 22:15	0°♈	
	-10363 Jul 21 j 16:47	0°♉	
morning set	-10363 Aug 10 j 10:51	24°♉59'59	
	-10363 Aug 14 j 09:44	0°♊	
	-10363 Sep 07 j 04:41	0°♋	
superior conj	-10363 Sep 21 j 14:22	18°♋03'42	0°55'48
minimum elong	-10363 Sep 22 j 02:16	18°♋40'54	0°55'58
max. Earth dist.	-10363 Sep 28 j 15:31	26°♋51'57	1.71653 AU
	-10363 Oct 01 j 03:51	0°♌	
desc. node	-10363 Oct 18 j 11:18	21°♌30'58	
	-10363 Oct 25 j 07:43	0°♍	
evening rise	-10363 Nov 03 j 10:40	11°♍16'11	
	-10363 Nov 18 j 15:34	0°♎	
	-10363 Dec 13 j 02:43	0°♏	
	-10362 Jan 06 j 18:06	0°♐	
	-10362 Jan 31 j 16:48	0°♑	
asc. node	-10362 Feb 07 j 01:30	7°♑33'49	
	-10362 Feb 26 j 03:55	0°♒	
	-10362 Mar 24 j 11:22	0°♓	
	-10362 Apr 21 j 10:21	0°♈	
evening max el	-10362 Apr 29 j 19:24	8°♈20'58	46°31'53
	-10362 May 25 j 02:09	0°♉	
desc. node	-10362 May 31 j 07:39	3°♉58'30	
greatest brilliancy	-10362 Jun 09 j 08:58	8°♉10'24	-4.9m
retrograde	-10362 Jun 18 j 22:23	9°♉51'53	
evening set	-10362 Jul 05 j 09:20	4°♉43'10	
min. Earth dist.	-10362 Jul 09 j 03:55	2°♉30'43	0.26505 AU
inferior conj	-10362 Jul 09 j 15:42	2°♉13'06	-7°55'50
minimum elong	-10362 Jul 09 j 07:12	2°♉25'48	7°54'24
morning rise	-10362 Jul 13 j 05:06	0°♉07'23	
	-10362 Jul 13 j 10:17	30°℞♈	
direct	-10362 Jul 29 j 23:18	24°♈43'26	
greatest brilliancy	-10362 Aug 09 j 07:17	26°♈45'16	-4.9m
	-10362 Aug 16 j 03:32	0°♉	
morning max el	-10362 Sep 18 j 14:12	28°♉08'04	46°36'38
asc. node	-10362 Sep 20 j 00:40	29°♉36'21	
	-10362 Sep 20 j 09:50	0°♊	
	-10362 Oct 17 j 19:46	0°♋	
	-10362 Nov 12 j 17:23	0°♌	
	-10362 Dec 08 j 04:09	0°♍	
	-10361 Jan 02 j 10:31	0°♎	
desc. node	-10361 Jan 11 j 01:34	10°♎17'32	
	-10361 Jan 27 j 12:22	0°♏	
	-10361 Feb 21 j 08:02	0°♐	
	-10361 Mar 17 j 20:42	0°♑	
morning set	-10361 Mar 19 j 18:19	2°♑20'19	
	-10361 Apr 11 j 03:03	0°♒	
max. Earth dist.	-10361 Apr 19 j 15:49	10°♒36'35	1.72375 AU
superior conj	-10361 Apr 23 j 23:53	16°♒00'48	-0°19'34
minimum elong	-10361 Apr 24 j 03:40	16°♒12'34	0°19'51
asc. node	-10361 May 02 j 11:50	26°♒37'23	
	-10361 May 05 j 04:40	0°♓	
	-10361 May 29 j 03:21	0°♈	
evening rise	-10361 May 30 j 07:57	1°♈29'44	
	-10361 Jun 22 j 01:01	0°♉	
	-10361 Jul 15 j 23:48	0°♊	
	-10361 Aug 09 j 02:06	0°♋	
desc. node	-10361 Aug 23 j 13:02	17°♋51'27	
	-10361 Sep 02 j 10:21	0°♌	
	-10361 Sep 27 j 03:41	0°♍	
	-10361 Oct 22 j 12:30	0°♎	
	-10361 Nov 18 j 06:22	0°♏	
evening max el	-10361 Dec 03 j 23:12	16°♏09'29	45°14'55
asc. node	-10361 Dec 13 j 06:42	24°♏53'07	
	-10361 Dec 19 j 05:34	0°♐	
greatest brilliancy	-10360 Jan 10 j 09:55	13°♐59'10	-4.7m
retrograde	-10360 Jan 21 j 09:33	16°♐09'09	
evening set	-10360 Feb 07 j 23:58	10°♐17'59	
inferior conj	-10360 Feb 11 j 19:57	7°♐55'23	8°02'14
minimum elong	-10360 Feb 11 j 21:44	7°♐52'35	8°01'41
min. Earth dist.	-10360 Feb 12 j 12:35	7°♐29'10	0.29523 AU
morning rise	-10360 Feb 15 j 19:22	5°♐27'09	
	-10360 Feb 28 j 08:03	30°℞♏	
direct	-10360 Mar 04 j 21:05	29°♏23'53	
	-10360 Mar 10 j 13:40	0°♐	
greatest brilliancy	-10360 Mar 15 j 07:27	1°♐20'47	-4.7m
desc. node	-10360 Apr 04 j 12:21	13°♐17'05	
	-10360 Apr 23 j 10:53	0°♑	
morning max el	-10360 Apr 23 j 07:32	29°♐51'53	46°14'46
	-10360 May 21 j 22:26	0°♒	
	-10360 Jun 16 j 20:24	0°♓	
	-10360 Jul 11 j 14:26	0°♈	
asc. node	-10360 Jul 25 j 02:00	16°♈41'09	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10360 Aug 04 j 18:11	0°♉	
	-10360 Aug 28 j 16:02	0°♊	
	-10360 Sep 21 j 13:55	0°♋	
	-10360 Oct 15 j 15:25	0°♌	
morning set	-10360 Oct 27 j 07:06	14°♌26'34	
	-10360 Nov 08 j 21:28	0°♍	
desc. node	-10360 Nov 15 j 00:36	7°♍33'14	
	-10360 Dec 03 j 06:50	0°♎	
superior conj	-10360 Dec 07 j 04:14	4°♎46'40	-0°46'52
minimum elong	-10360 Dec 06 j 19:17	4°♎19'12	0°46'31
max. Earth dist.	-10360 Dec 08 j 13:54	6°♎30'03	1.73433 AU
	-10360 Dec 27 j 17:31	0°♏	
evening rise	-10359 Jan 13 j 18:54	20°♏55'40	
	-10359 Jan 21 j 04:24	0°♐	
greatest brilliancy	-10359 Jan 31 j 07:57	12°♐26'28	-3.9m
	-10359 Feb 14 j 16:00	0°♑	
asc. node	-10359 Mar 06 j 12:56	24°♑15'51	
	-10359 Mar 11 j 05:59	0°♒	
	-10359 Apr 05 j 00:07	0°♓	
	-10359 Apr 30 j 00:23	0°♈	
	-10359 May 25 j 10:41	0°♉	
	-10359 Jun 20 j 17:42	0°♊	
desc. node	-10359 Jun 27 j 17:45	7°♊41'01	
evening max el	-10359 Jul 12 j 05:17	22°♊55'09	47°50'37
	-10359 Jul 19 j 09:17	0°♋	
greatest brilliancy	-10359 Aug 22 j 17:55	24°♋55'20	-4.9m
retrograde	-10359 Sep 01 j 08:09	26°♋41'40	
evening set	-10359 Sep 17 j 10:46	21°♋27'50	
min. Earth dist.	-10359 Sep 21 j 14:15	18°♋53'51	0.27107 AU
inferior conj	-10359 Sep 22 j 02:12	18°♋34'55	-5°45'29
minimum elong	-10359 Sep 22 j 11:54	18°♋19'34	5°42'36
morning rise	-10359 Sep 27 j 13:37	15°♋15'13	
direct	-10359 Oct 12 j 10:50	10°♋46'43	
asc. node	-10359 Oct 17 j 11:45	11°♋17'01	
greatest brilliancy	-10359 Oct 21 j 20:45	12°♋28'54	-4.8m
	-10359 Nov 17 j 14:32	0°♌	
morning max el	-10359 Nov 30 j 22:11	12°♌21'50	46°09'45
	-10359 Dec 18 j 04:31	0°♍	
	-10358 Jan 14 j 14:52	0°♎	
desc. node	-10358 Feb 07 j 14:38	27°♎20'53	
	-10358 Feb 09 j 21:38	0°♏	
	-10358 Mar 07 j 10:51	0°♐	
	-10358 Apr 01 j 09:54	0°♑	
	-10358 Apr 25 j 21:20	0°♒	
	-10358 May 19 j 23:57	0°♓	
morning set	-10358 May 26 j 00:34	7°♓33'16	
asc. node	-10358 May 30 j 01:15	12°♓36'50	
	-10358 Jun 12 j 20:38	0°♈	
superior conj	-10358 Jul 03 j 05:06	25°♈43'04	1°08'11
minimum elong	-10358 Jul 02 j 19:32	25°♈12'47	1°08'07
max. Earth dist.	-10358 Jul 02 j 19:26	25°♈12'29	1.70808 AU
	-10358 Jul 06 j 14:23	0°♉	
	-10358 Jul 30 j 08:10	0°♊	
evening rise	-10358 Aug 13 j 00:56	17°♊15'09	
	-10358 Aug 23 j 04:37	0°♋	
	-10358 Sep 16 j 05:26	0°♌	
desc. node	-10358 Sep 20 j 00:53	4°♌43'55	
	-10358 Oct 10 j 11:30	0°♍	
	-10358 Nov 03 j 23:36	0°♎	
	-10358 Nov 28 j 20:25	0°♏	
	-10358 Dec 24 j 08:49	0°♐	
asc. node	-10357 Jan 09 j 16:53	18°♐31'14	
	-10357 Jan 20 j 04:37	0°♑	
evening max el	-10357 Feb 13 j 04:33	24°♑24'14	45°00'20
	-10357 Feb 19 j 06:35	0°♒	
greatest brilliancy	-10357 Mar 23 j 09:46	21°♒29'08	-4.7m
retrograde	-10357 Apr 02 j 08:49	23°♒14'35	
evening set	-10357 Apr 17 j 09:37	19°♒03'31	
inferior conj	-10357 Apr 23 j 12:17	15°♒34'15	2°12'33
minimum elong	-10357 Apr 23 j 17:04	15°♒27'05	2°10'45
min. Earth dist.	-10357 Apr 24 j 14:11	14°♒55'29	0.27682 AU
morning rise	-10357 Apr 29 j 23:17	11°♒50'48	
desc. node	-10357 May 02 j 23:25	10°♒22'17	
direct	-10357 May 14 j 21:09	7°♒36'45	
greatest brilliancy	-10357 May 26 j 15:46	10°♒06'02	-4.8m
	-10357 Jun 23 j 22:37	0°♓	
morning max el	-10357 Jul 04 j 05:26	9°♓55'13	46°40'16
	-10357 Jul 23 j 01:28	0°♈	
	-10357 Aug 17 j 23:46	0°♉	
asc. node	-10357 Aug 22 j 14:54	5°♉31'46	
	-10357 Sep 11 j 19:37	0°♊	
	-10357 Oct 06 j 06:33	0°♋	
	-10357 Oct 30 j 16:59	0°♌	
	-10357 Nov 24 j 06:04	0°♍	
desc. node	-10357 Dec 13 j 14:12	23°♍33'21	
	-10357 Dec 18 j 21:16	0°♎	
morning set	-10356 Jan 09 j 07:05	26°♎04'43	
	-10356 Jan 12 j 12:13	0°♏	
	-10356 Feb 06 j 00:46	0°♐	
max. Earth dist.	-10356 Feb 11 j 12:00	6°♐42'46	1.73713 AU
superior conj	-10356 Feb 14 j 19:00	10°♐45'25	-1°19'21
minimum elong	-10356 Feb 14 j 22:00	10°♐54'37	1°19'51
	-10356 Mar 01 j 10:13	0°♑	
evening rise	-10356 Mar 20 j 23:03	24°♑07'01	
	-10356 Mar 25 j 17:17	0°♒	
asc. node	-10356 Apr 03 j 01:09	10°♒18'01	
	-10356 Apr 18 j 23:13	0°♓	
	-10356 May 13 j 05:19	0°♈	
	-10356 Jun 06 j 13:03	0°♉	
	-10356 Jul 01 j 00:46	0°♊	
desc. node	-10356 Jul 25 j 04:08	29°♊10'07	
	-10356 Jul 25 j 20:50	0°♋	
	-10356 Aug 20 j 09:38	0°♌	
	-10356 Sep 16 j 13:08	0°♍	
evening max el	-10356 Sep 21 j 00:32	4°♍37'05	46°56'25
	-10356 Oct 20 j 00:51	0°♎	
greatest brilliancy	-10356 Oct 30 j 16:37	5°♎47'18	-4.8m
retrograde	-10356 Nov 10 j 17:26	8°♎07'10	
asc. node	-10356 Nov 13 j 22:36	7°♎54'08	
evening set	-10356 Nov 25 j 21:53	3°♎25'36	
	-10356 Dec 01 j 10:31	30°℞♍	
inferior conj	-10356 Dec 01 j 22:13	29°♍41'06	4°00'43
minimum elong	-10356 Dec 01 j 14:55	29°♍52'54	3°58'57
min. Earth dist.	-10356 Dec 01 j 06:43	0°♎06'09	0.28790 AU
morning rise	-10356 Dec 07 j 08:32	26°♍17'33	
direct	-10356 Dec 23 j 04:38	21°♍19'49	
greatest brilliancy	-10355 Jan 01 j 04:05	22°♍48'42	-4.7m
	-10355 Jan 15 j 11:50	0°♎	
morning max el	-10355 Feb 09 j 22:00	20°♎55'43	45°57'35
	-10355 Feb 19 j 05:22	0°♏	
desc. node	-10355 Mar 07 j 03:05	16°♏30'53	
	-10355 Mar 19 j 11:47	0°♐	
	-10355 Apr 14 j 18:19	0°♑	
	-10355 May 09 j 22:27	0°♒	
	-10355 Jun 03 j 09:35	0°♓	
greatest brilliancy	-10355 Jun 26 j 17:57	29°♓09'58	-3.9m
asc. node	-10355 Jun 26 j 14:44	28°♓59'49	
	-10355 Jun 27 j 09:52	0°♈	
	-10355 Jul 21 j 04:17	0°♉	
morning set	-10355 Aug 07 j 21:11	22°♉24'40	
	-10355 Aug 13 j 21:09	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10355 Sep 06 j 16:02	0°♋	
superior conj	-10355 Sep 18 j 22:55	15°♋24'47	0°58'41
minimum elong	-10355 Sep 19 j 10:55	16°♋02'19	0°58'52
max. Earth dist.	-10355 Sep 26 j 00:14	24°♋14'03	1.71587 AU
	-10355 Sep 30 j 15:10	0°♌	
desc. node	-10355 Oct 17 j 13:34	21°♌02'54	
	-10355 Oct 24 j 19:02	0°♍	
evening rise	-10355 Oct 31 j 22:03	8°♍48'21	
	-10355 Nov 18 j 02:53	0°♎	
	-10355 Dec 12 j 14:09	0°♏	
	-10354 Jan 06 j 05:50	0°♐	
	-10354 Jan 31 j 05:10	0°♑	
asc. node	-10354 Feb 06 j 03:41	7°♑02'58	
	-10354 Feb 25 j 17:30	0°♒	
	-10354 Mar 24 j 03:22	0°♓	
	-10354 Apr 21 j 08:06	0°♈	
evening max el	-10354 Apr 27 j 09:27	5°♈59'16	46°27'58
	-10354 May 26 j 08:19	0°♉	
desc. node	-10354 May 30 j 09:51	2°♉22'02	
greatest brilliancy	-10354 Jun 06 j 19:09	5°♉38'14	-4.9m
retrograde	-10354 Jun 16 j 10:23	7°♉20'33	
evening set	-10354 Jul 02 j 16:38	2°♉18'29	
min. Earth dist.	-10354 Jul 06 j 15:42	29°♈59'44	0.26504 AU
	-10354 Jul 06 j 15:31	30°℞♈	
inferior conj	-10354 Jul 07 j 03:16	29°♈42'28	-7°44'15
minimum elong	-10354 Jul 06 j 18:14	29°♈55'56	7°42'39
morning rise	-10354 Jul 10 j 19:54	27°♈32'18	
direct	-10354 Jul 27 j 12:04	22°♈13'03	
greatest brilliancy	-10354 Aug 06 j 19:50	24°♈14'53	-4.9m
	-10354 Aug 17 j 18:06	0°♉	
morning max el	-10354 Sep 16 j 03:24	25°♉40'11	46°37'28
asc. node	-10354 Sep 19 j 02:53	28°♉44'20	
	-10354 Sep 20 j 07:53	0°♊	
	-10354 Oct 17 j 12:04	0°♋	
	-10354 Nov 12 j 07:24	0°♌	
	-10354 Dec 07 j 16:56	0°♍	
	-10353 Jan 01 j 22:32	0°♎	
desc. node	-10353 Jan 10 j 03:36	9°♎48'17	
	-10353 Jan 26 j 23:53	0°♏	
	-10353 Feb 20 j 19:13	0°♐	
	-10353 Mar 17 j 07:43	0°♑	
morning set	-10353 Mar 17 j 13:52	0°♑18'55	
	-10353 Apr 10 j 14:01	0°♒	
max. Earth dist.	-10353 Apr 17 j 08:20	8°♒24'27	1.72436 AU
superior conj	-10353 Apr 21 j 18:30	13°♒54'59	-0°22'31
minimum elong	-10353 Apr 21 j 22:46	14°♒08'17	0°22'47
asc. node	-10353 May 01 j 14:05	26°♒09'56	
	-10353 May 04 j 15:43	0°♓	
evening rise	-10353 May 28 j 00:17	29°♓15'13	
	-10353 May 28 j 14:34	0°♈	
	-10353 Jun 21 j 12:28	0°♉	
	-10353 Jul 15 j 11:30	0°♊	
	-10353 Aug 08 j 14:06	0°♋	
desc. node	-10353 Aug 22 j 15:16	17°♋20'46	
	-10353 Sep 01 j 22:44	0°♌	
	-10353 Sep 26 j 16:42	0°♍	
	-10353 Oct 22 j 02:47	0°♎	
	-10353 Nov 17 j 23:54	0°♏	
evening max el	-10353 Dec 01 j 15:04	13°♏58'03	45°17'13
asc. node	-10353 Dec 12 j 08:49	23°♏58'49	
	-10353 Dec 19 j 13:40	0°♐	
greatest brilliancy	-10352 Jan 08 j 03:00	11°♐53'47	-4.7m
retrograde	-10352 Jan 19 j 02:15	14°♐03'50	
evening set	-10352 Feb 05 j 17:16	8°♐12'15	
inferior conj	-10352 Feb 09 j 13:16	5°♐49'18	8°03'49
minimum elong	-10352 Feb 09 j 14:23	5°♐47'32	8°03'17
min. Earth dist.	-10352 Feb 10 j 04:45	5°♐24'49	0.29548 AU
morning rise	-10352 Feb 13 j 11:22	3°♐22'36	
	-10352 Feb 19 j 18:36	30°℞♏	
direct	-10352 Mar 02 j 14:19	27°♏17'28	
greatest brilliancy	-10352 Mar 12 j 22:50	29°♏12'23	-4.7m
	-10352 Mar 15 j 00:28	0°♐	
desc. node	-10352 Apr 03 j 14:39	12°♐14'47	
morning max el	-10352 Apr 20 j 22:48	27°♐38'56	46°13'44
	-10352 Apr 23 j 08:36	0°♑	
	-10352 May 21 j 14:09	0°♒	
	-10352 Jun 16 j 10:00	0°♓	
	-10352 Jul 11 j 03:02	0°♈	
asc. node	-10352 Jul 24 j 04:09	16°♈09'42	
	-10352 Aug 04 j 06:15	0°♉	
	-10352 Aug 28 j 03:47	0°♊	
	-10352 Sep 21 j 01:27	0°♋	
	-10352 Oct 15 j 02:46	0°♌	
morning set	-10352 Oct 24 j 18:12	11°♌57'37	
	-10352 Nov 08 j 08:38	0°♍	
desc. node	-10352 Nov 14 j 02:43	7°♍05'31	
	-10352 Dec 02 j 17:50	0°♎	
superior conj	-10352 Dec 04 j 18:42	2°♎30'03	-0°44'06
minimum elong	-10352 Dec 04 j 09:59	2°♎03'19	0°43'44
max. Earth dist.	-10352 Dec 06 j 11:13	4°♎34'26	1.73387 AU
	-10352 Dec 27 j 04:24	0°♏	
evening rise	-10351 Jan 11 j 13:11	18°♏51'02	
	-10351 Jan 20 j 15:19	0°♐	
greatest brilliancy	-10351 Jan 30 j 19:18	12°♐27'34	-3.9m
	-10351 Feb 14 j 03:08	0°♑	
asc. node	-10351 Mar 05 j 15:11	23°♑47'56	
	-10351 Mar 10 j 17:30	0°♒	
	-10351 Apr 04 j 12:18	0°♓	
	-10351 Apr 29 j 13:33	0°♈	
	-10351 May 25 j 01:26	0°♉	
	-10351 Jun 20 j 11:35	0°♊	
desc. node	-10351 Jun 26 j 19:52	6°♊54'58	
evening max el	-10351 Jul 09 j 19:00	20°♊29'48	47°49'49
	-10351 Jul 19 j 12:20	0°♋	
greatest brilliancy	-10351 Aug 20 j 09:43	22°♋30'59	-4.9m
retrograde	-10351 Aug 29 j 21:32	24°♋15'22	
evening set	-10351 Sep 15 j 03:42	18°♋57'58	
min. Earth dist.	-10351 Sep 19 j 04:45	16°♋27'50	0.27067 AU
inferior conj	-10351 Sep 19 j 16:05	16°♋09'53	-6°02'42
minimum elong	-10351 Sep 20 j 01:56	15°♋54'18	5°59'51
morning rise	-10351 Sep 25 j 00:38	12°♋54'09	
direct	-10351 Oct 09 j 23:42	8°♋22'38	
asc. node	-10351 Oct 16 j 14:07	9°♋13'53	
greatest brilliancy	-10351 Oct 19 j 11:26	10°♋06'05	-4.9m
	-10351 Nov 17 j 20:20	0°♌	
morning max el	-10351 Nov 28 j 11:43	10°♌00'59	46°10'47
	-10351 Dec 17 j 22:23	0°♍	
	-10350 Jan 14 j 05:11	0°♎	
desc. node	-10350 Feb 06 j 16:51	26°♎50'19	
	-10350 Feb 09 j 10:18	0°♏	
	-10350 Mar 06 j 22:38	0°♐	
	-10350 Mar 31 j 21:13	0°♑	
	-10350 Apr 25 j 08:26	0°♒	
	-10350 May 19 j 10:57	0°♓	
morning set	-10350 May 23 j 17:07	5°♓20'03	
asc. node	-10350 May 29 j 03:20	12°♓08'46	
	-10350 Jun 12 j 07:38	0°♈	
max. Earth dist.	-10350 Jun 30 j 02:10	22°♈27'02	1.70839 AU
superior conj	-10350 Jun 30 j 18:05	23°♈17'22	1°06'03
minimum elong	-10350 Jun 30 j 08:20	22°♈46'32	1°05'56

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10350 Jul 06 j 01:27	0°♉	
	-10350 Jul 29 j 19:21	0°♊	
evening rise	-10350 Aug 10 j 09:14	14°♊35'05	
	-10350 Aug 22 j 15:54	0°♋	
	-10350 Sep 15 j 16:50	0°♌	
desc. node	-10350 Sep 19 j 03:07	4°♌15'24	
	-10350 Oct 09 j 23:03	0°♍	
	-10350 Nov 03 j 11:27	0°♎	
	-10350 Nov 28 j 08:51	0°♏	
	-10350 Dec 23 j 22:29	0°♐	
asc. node	-10349 Jan 08 j 19:10	17°♐55'44	
	-10349 Jan 19 j 21:16	0°♑	
evening max el	-10349 Feb 10 j 18:42	22°♑09'57	44°59'03
	-10349 Feb 19 j 09:38	0°♒	
greatest brilliancy	-10349 Mar 20 j 22:21	19°♒13'02	-4.7m
retrograde	-10349 Mar 30 j 22:58	20°♒59'44	
evening set	-10349 Apr 15 j 01:22	16°♒45'20	
inferior conj	-10349 Apr 21 j 02:19	13°♒18'07	2°32'42
minimum elong	-10349 Apr 21 j 07:46	13°♒09'58	2°30'42
min. Earth dist.	-10349 Apr 22 j 05:02	12°♒38'09	0.27761 AU
morning rise	-10349 Apr 27 j 12:58	9°♒35'10	
desc. node	-10349 May 02 j 01:35	7°♒27'32	
direct	-10349 May 12 j 12:16	5°♒18'53	
greatest brilliancy	-10349 May 24 j 07:21	7°♒48'58	-4.8m
	-10349 Jun 24 j 01:37	0°♓	
morning max el	-10349 Jul 01 j 20:47	7°♓36'08	46°39'41
	-10349 Jul 22 j 18:53	0°♈	
	-10349 Aug 17 j 14:16	0°♉	
asc. node	-10349 Aug 21 j 17:11	4°♉56'07	
	-10349 Sep 11 j 08:46	0°♊	
	-10349 Oct 05 j 18:55	0°♋	
	-10349 Oct 30 j 04:48	0°♌	
	-10349 Nov 23 j 17:30	0°♍	
desc. node	-10349 Dec 12 j 16:12	23°♍05'20	
	-10349 Dec 18 j 08:24	0°♎	
morning set	-10348 Jan 06 j 23:30	23°♎54'59	
	-10348 Jan 11 j 23:08	0°♏	
	-10348 Feb 05 j 11:33	0°♐	
max. Earth dist.	-10348 Feb 09 j 11:04	4°♐53'08	1.73730 AU
superior conj	-10348 Feb 12 j 14:27	8°♐44'41	-1°19'52
minimum elong	-10348 Feb 12 j 16:55	8°♐52'14	1°20'22
	-10348 Feb 29 j 20:58	0°♑	
evening rise	-10348 Mar 18 j 19:05	22°♑07'16	
	-10348 Mar 25 j 04:07	0°♒	
asc. node	-10348 Apr 02 j 03:27	9°♒51'18	
	-10348 Apr 18 j 10:20	0°♓	
	-10348 May 12 j 16:50	0°♈	
	-10348 Jun 06 j 01:04	0°♉	
	-10348 Jun 30 j 13:29	0°♊	
desc. node	-10348 Jul 24 j 06:24	28°♊36'02	
	-10348 Jul 25 j 10:33	0°♋	
	-10348 Aug 20 j 01:14	0°♌	
	-10348 Sep 16 j 09:29	0°♍	
evening max el	-10348 Sep 18 j 17:06	2°♍22'39	47°00'02
	-10348 Oct 21 j 05:50	0°♎	
greatest brilliancy	-10348 Oct 28 j 09:55	3°♎35'23	-4.8m
retrograde	-10348 Nov 08 j 11:12	5°♎55'35	
asc. node	-10348 Nov 13 j 00:44	5°♎29'08	
evening set	-10348 Nov 23 j 13:37	1°♎15'39	
	-10348 Nov 25 j 16:23	30°℞♍	
min. Earth dist.	-10348 Nov 28 j 22:47	27°♍55'43	0.28729 AU
inferior conj	-10348 Nov 29 j 15:02	27°♍29'30	3°43'57
minimum elong	-10348 Nov 29 j 08:06	27°♍40'42	3°42'16
morning rise	-10348 Dec 05 j 03:17	24°♍03'31	
direct	-10348 Dec 20 j 20:58	19°♍09'11	
greatest brilliancy	-10348 Dec 29 j 19:23	20°♍37'48	-4.7m

	-10347 Jan 16 j 07:38	0°♎	
morning max el	-10347 Feb 07 j 15:08	18°♎49'34	45°57'32
	-10347 Feb 19 j 00:34	0°♏	
desc. node	-10347 Mar 06 j 05:18	15°♏53'33	
	-10347 Mar 19 j 02:27	0°♐	
	-10347 Apr 14 j 07:09	0°♑	
	-10347 May 09 j 10:23	0°♒	
	-10347 Jun 02 j 21:05	0°♓	
asc. node	-10347 Jun 25 j 16:55	28°♓31'10	
	-10347 Jun 26 j 21:11	0°♈	
greatest brilliancy	-10347 Jun 28 j 02:25	1°♈31'58	-3.9m
	-10347 Jul 20 j 15:31	0°♉	
morning set	-10347 Aug 05 j 07:25	19°♉49'45	
	-10347 Aug 13 j 08:22	0°♊	
	-10347 Sep 06 j 03:14	0°♋	
superior conj	-10347 Sep 16 j 06:58	12°♋44'36	1°01'28
minimum elong	-10347 Sep 16 j 18:54	13°♋22'01	1°01'40
max. Earth dist.	-10347 Sep 23 j 09:56	21°♋39'29	1.71523 AU
	-10347 Sep 30 j 02:20	0°♌	
desc. node	-10347 Oct 16 j 15:40	20°♌34'49	
	-10347 Oct 24 j 06:11	0°♍	
evening rise	-10347 Oct 29 j 08:38	6°♍18'28	
	-10347 Nov 17 j 14:04	0°♎	
	-10347 Dec 12 j 01:27	0°♏	
	-10346 Jan 05 j 17:26	0°♐	
	-10346 Jan 30 j 17:26	0°♑	
asc. node	-10346 Feb 05 j 06:01	6°♑32'57	
	-10346 Feb 25 j 07:01	0°♒	
	-10346 Mar 23 j 19:22	0°♓	
	-10346 Apr 21 j 06:16	0°♈	
evening max el	-10346 Apr 24 j 23:26	3°♈38'29	46°24'07
	-10346 May 28 j 02:26	0°♉	
desc. node	-10346 May 29 j 11:58	0°♉43'11	
greatest brilliancy	-10346 Jun 04 j 05:54	3°♉08'21	-4.9m
retrograde	-10346 Jun 13 j 22:02	4°♉50'51	
	-10346 Jun 29 j 21:02	30°℞♈	
evening set	-10346 Jun 30 j 00:12	29°♈55'35	
min. Earth dist.	-10346 Jul 04 j 03:56	27°♈30'11	0.26507 AU
inferior conj	-10346 Jul 04 j 15:02	27°♈13'36	-7°31'43
minimum elong	-10346 Jul 04 j 05:34	27°♈27'45	7°29'58
morning rise	-10346 Jul 08 j 10:58	24°♈58'43	
direct	-10346 Jul 25 j 00:50	19°♈44'24	
greatest brilliancy	-10346 Aug 04 j 08:52	21°♈46'14	-4.9m
	-10346 Aug 18 j 20:42	0°♉	
morning max el	-10346 Sep 13 j 15:40	23°♉10'19	46°37'57
asc. node	-10346 Sep 18 j 05:12	27°♉53'57	
	-10346 Sep 20 j 04:59	0°♊	
	-10346 Oct 17 j 04:03	0°♋	
	-10346 Nov 11 j 21:15	0°♌	
	-10346 Dec 07 j 05:37	0°♍	
	-10345 Jan 01 j 10:28	0°♎	
desc. node	-10345 Jan 09 j 05:51	9°♎19'58	
	-10345 Jan 26 j 11:18	0°♏	
	-10345 Feb 20 j 06:18	0°♐	
morning set	-10345 Mar 15 j 09:16	28°♐17'24	
	-10345 Mar 16 j 18:38	0°♑	
	-10345 Apr 10 j 00:55	0°♒	
max. Earth dist.	-10345 Apr 15 j 00:36	6°♒11'53	1.72495 AU
superior conj	-10345 Apr 19 j 13:20	11°♒50'13	-0°25'25
minimum elong	-10345 Apr 19 j 18:05	12°♒04'58	0°25'40
asc. node	-10345 Apr 30 j 16:11	25°♒42'16	
	-10345 May 04 j 02:41	0°♓	
evening rise	-10345 May 25 j 17:05	27°♓02'38	
	-10345 May 28 j 01:40	0°♈	
	-10345 Jun 20 j 23:45	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10345 Jul 14 j 23:02	0°♊		
	-10345 Aug 08 j 01:58	0°♋		
desc. node	-10345 Aug 21 j 17:30	16°♋50'25		
	-10345 Sep 01 j 11:04	0°♌		
	-10345 Sep 26 j 05:45	0°♍		
	-10345 Oct 21 j 17:16	0°♎		
	-10345 Nov 17 j 17:59	0°♏		
evening max el	-10345 Nov 29 j 05:57	11°♏43'38	45°19'41	
asc. node	-10345 Dec 11 j 11:09	23°♏03'23		
	-10345 Dec 20 j 01:02	0°♐		
greatest brilliancy	-10344 Jan 05 j 19:58	9°♐47'27	-4.7m	
retrograde	-10344 Jan 16 j 18:51	11°♐57'52		
evening set	-10344 Feb 03 j 10:08	6°♐06'04		
inferior conj	-10344 Feb 07 j 06:25	3°♐42'29	8°04'38	
minimum elong	-10344 Feb 07 j 06:52	3°♐41'46	8°04'09	
min. Earth dist.	-10344 Feb 07 j 20:56	3°♐19'30	0.29569 AU	
morning rise	-10344 Feb 11 j 03:28	1°♐17'03		
	-10344 Feb 13 j 07:53	30°℞♏		
direct	-10344 Feb 29 j 06:55	25°♏10'13		
greatest brilliancy	-10344 Mar 10 j 14:31	27°♏03'51	-4.7m	
	-10344 Mar 17 j 05:51	0°♐		
desc. node	-10344 Apr 02 j 16:49	11°♐13'22		
morning max el	-10344 Apr 18 j 13:46	25°♐25'05	46°12'53	
	-10344 Apr 23 j 05:40	0°♑		
	-10344 May 21 j 05:42	0°♒		
	-10344 Jun 15 j 23:31	0°♓		
	-10344 Jul 10 j 15:34	0°♈		
asc. node	-10344 Jul 23 j 06:27	15°♈38'52		
	-10344 Aug 03 j 18:14	0°♉		
	-10344 Aug 27 j 15:27	0°♊		
	-10344 Sep 20 j 12:56	0°♋		
	-10344 Oct 14 j 14:06	0°♌		
morning set	-10344 Oct 22 j 05:05	9°♌27'43		
	-10344 Nov 07 j 19:51	0°♍		
desc. node	-10344 Nov 13 j 04:45	6°♍37'18		
superior conj	-10344 Dec 02 j 08:39	0°♎11'25	-0°41'13	
minimum elong	-10344 Dec 02 j 00:15	29°♍45'39	0°40'49	
	-10344 Dec 02 j 04:56	0°♎		
max. Earth dist.	-10344 Dec 04 j 05:52	2°♎30'16	1.73344 AU	
	-10344 Dec 26 j 15:27	0°♏		
evening rise	-10343 Jan 09 j 06:52	16°♏44'08		
	-10343 Jan 20 j 02:25	0°♐		
greatest brilliancy	-10343 Jan 30 j 10:57	12°♐41'23	-3.9m	
	-10343 Feb 13 j 14:27	0°♑		
asc. node	-10343 Mar 04 j 17:28	23°♑19'35		
	-10343 Mar 10 j 05:14	0°♒		
	-10343 Apr 04 j 00:41	0°♓		
	-10343 Apr 29 j 02:58	0°♈		
	-10343 May 24 j 16:32	0°♉		
	-10343 Jun 20 j 05:59	0°♊		
desc. node	-10343 Jun 25 j 22:15	6°♊08'43		
evening max el	-10343 Jul 07 j 08:19	18°♊03'20	47°49'08	
	-10343 Jul 19 j 17:02	0°♋		
greatest brilliancy	-10343 Aug 18 j 01:19	20°♋06'38	-4.9m	
retrograde	-10343 Aug 27 j 11:11	21°♋49'43		
evening set	-10343 Sep 12 j 20:44	16°♋28'19		
inferior conj	-10343 Sep 17 j 06:06	13°♋45'16	-6°19'04	
minimum elong	-10343 Sep 17 j 16:03	13°♋29'35	6°16'19	
min. Earth dist.	-10343 Sep 16 j 19:11	14°♋02'30	0.27029 AU	
morning rise	-10343 Sep 22 j 11:43	10°♋33'58		
direct	-10343 Oct 07 j 12:41	5°♋58'47		
asc. node	-10343 Oct 15 j 16:16	7°♋15'54		
greatest brilliancy	-10343 Oct 17 j 02:13	7°♋43'44	-4.9m	
	-10343 Nov 18 j 00:15	0°♌		
morning max el	-10343 Nov 26 j 01:52	7°♌41'16	46°11'36	
	-10343 Dec 17 j 16:00	0°♍		
	-10342 Jan 13 j 19:35	0°♎		
desc. node	-10342 Feb 05 j 19:00	26°♎18'53		
	-10342 Feb 08 j 23:10	0°♏		
	-10342 Mar 06 j 10:40	0°♐		
	-10342 Mar 31 j 08:46	0°♑		
	-10342 Apr 24 j 19:44	0°♒		
	-10342 May 18 j 22:10	0°♓		
morning set	-10342 May 21 j 09:39	3°♓06'15		
asc. node	-10342 May 28 j 05:29	11°♓40'17		
	-10342 Jun 11 j 18:52	0°♈		
max. Earth dist.	-10342 Jun 27 j 11:05	19°♈47'46	1.70870 AU	
superior conj	-10342 Jun 28 j 07:11	20°♈51'18	1°03'47	
minimum elong	-10342 Jun 27 j 21:21	20°♈20'10	1°03'38	
	-10342 Jul 05 j 12:46	0°♉		
	-10342 Jul 29 j 06:46	0°♊		
evening rise	-10342 Aug 07 j 17:55	11°♊55'29		
	-10342 Aug 22 j 03:23	0°♋		
	-10342 Sep 15 j 04:24	0°♌		
desc. node	-10342 Sep 18 j 05:15	3°♌46'06		
	-10342 Oct 09 j 10:45	0°♍		
	-10342 Nov 02 j 23:28	0°♎		
	-10342 Nov 27 j 21:31	0°♏		
	-10342 Dec 23 j 12:31	0°♐		
asc. node	-10341 Jan 07 j 21:30	17°♐19'13		
	-10341 Jan 19 j 14:36	0°♑		
evening max el	-10341 Feb 08 j 09:43	19°♑56'47	44°57'48	
	-10341 Feb 19 j 14:59	0°♒		
greatest brilliancy	-10341 Mar 18 j 10:54	16°♒55'58	-4.7m	
retrograde	-10341 Mar 28 j 13:11	18°♒43'42		
evening set	-10341 Apr 12 j 17:17	14°♒26'06		
inferior conj	-10341 Apr 18 j 16:19	11°♒00'54	2°52'26	
minimum elong	-10341 Apr 18 j 22:22	10°♒51'49	2°50'18	
min. Earth dist.	-10341 Apr 19 j 19:31	10°♒20'10	0.27839 AU	
morning rise	-10341 Apr 25 j 02:24	7°♒18'39		
desc. node	-10341 May 01 j 03:43	4°♒36'06		
direct	-10341 May 10 j 03:46	3°♒00'10		
greatest brilliancy	-10341 May 21 j 22:05	5°♒29'58	-4.8m	
	-10341 Jun 24 j 03:35	0°♓		
morning max el	-10341 Jun 29 j 12:14	5°♓16'37	46°39'03	
	-10341 Jul 22 j 12:18	0°♈		
	-10341 Aug 17 j 04:55	0°♉		
asc. node	-10341 Aug 20 j 19:19	4°♉19'21		
	-10341 Sep 10 j 22:05	0°♊		
	-10341 Oct 05 j 07:27	0°♋		
	-10341 Oct 29 j 16:49	0°♌		
	-10341 Nov 23 j 05:06	0°♍		
desc. node	-10341 Dec 11 j 18:28	22°♍37'33		
	-10341 Dec 17 j 19:44	0°♎		
morning set	-10340 Jan 04 j 16:02	21°♎44'56		
	-10340 Jan 11 j 10:16	0°♏		
	-10340 Feb 04 j 22:35	0°♐		
max. Earth dist.	-10340 Feb 07 j 10:32	3°♐03'57	1.73751 AU	
superior conj	-10340 Feb 10 j 09:50	6°♐42'52	-1°20'17	
minimum elong	-10340 Feb 10 j 11:45	6°♐48'45	1°20'47	
	-10340 Feb 29 j 08:01	0°♑		
evening rise	-10340 Mar 16 j 14:58	20°♑06'00		
	-10340 Mar 24 j 15:19	0°♒		
asc. node	-10340 Apr 01 j 05:32	9°♒22'53		
	-10340 Apr 17 j 21:48	0°♓		
	-10340 May 12 j 04:42	0°♈		
	-10340 Jun 05 j 13:28	0°♉		
	-10340 Jun 30 j 02:35	0°♊		
desc. node	-10340 Jul 23 j 08:37	28°♊00'41		
	-10340 Jul 25 j 00:43	0°♋		
	-10340 Aug 19 j 17:23	0°♌		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10340 Sep 16 j 06:50	0°♍				-10337 Jan 25 j 22:52	0°♏			
evening max el	-10340 Sep 16 j 10:15	0°♍08'41	47°03'37			-10337 Feb 19 j 17:32	0°♐			
	-10340 Oct 23 j 00:48	0°♎				morning set	-10337 Mar 13 j 05:01	26°♐16'33		
greatest brilliancy	-10340 Oct 26 j 03:52	1°♎23'41	-4.8m			-10337 Mar 16 j 05:42	0°♑			
retrograde	-10340 Nov 06 j 05:01	3°♎43'23				-10337 Apr 09 j 11:58	0°♒			
asc. node	-10340 Nov 12 j 03:01	2°♎58'51				max. Earth dist.	-10337 Apr 12 j 19:16	4°♒06'19	1.72560 AU	
	-10340 Nov 19 j 14:09	30°℞♍								
evening set	-10340 Nov 21 j 05:42	29°♍05'17				superior conj	-10337 Apr 17 j 08:31	9°♒46'04	-0°28'14	
min. Earth dist.	-10340 Nov 26 j 15:02	25°♍44'56	0.28663 AU			minimum elong	-10337 Apr 17 j 13:42	10°♒02'10	0°28'30	
inferior conj	-10340 Nov 27 j 07:59	25°♍17'34	3°26'57			asc. node	-10337 Apr 29 j 18:27	25°♒14'33		
minimum elong	-10340 Nov 27 j 01:27	25°♍28'06	3°25'20				-10337 May 03 j 13:51	0°♓		
morning rise	-10340 Dec 02 j 22:03	21°♍49'09				evening rise	-10337 May 23 j 10:09	24°♓50'14		
direct	-10340 Dec 18 j 13:37	16°♍58'31					-10337 May 27 j 13:01	0°♈		
greatest brilliancy	-10340 Dec 27 j 10:34	18°♍26'23	-4.7m				-10337 Jun 20 j 11:19	0°♉		
	-10339 Jan 16 j 22:33	0°♎					-10337 Jul 14 j 10:53	0°♊		
morning max el	-10339 Feb 05 j 07:41	16°♎41'37	45°57'22				-10337 Aug 07 j 14:08	0°♋		
	-10339 Feb 18 j 19:28	0°♏				desc. node	-10337 Aug 20 j 19:37	16°♋18'54		
desc. node	-10339 Mar 05 j 07:26	15°♏15'40					-10337 Aug 31 j 23:41	0°♌		
	-10339 Mar 18 j 17:12	0°♐					-10337 Sep 25 j 19:07	0°♍		
	-10339 Apr 13 j 20:14	0°♑					-10337 Oct 21 j 08:06	0°♎		
	-10339 May 08 j 22:38	0°♒					-10337 Nov 17 j 12:41	0°♏		
	-10339 Jun 02 j 08:55	0°♓				evening max el	-10337 Nov 26 j 20:38	9°♏28'15	45°22'22	
asc. node	-10339 Jun 24 j 19:13	28°♓01'47				asc. node	-10337 Dec 10 j 13:32	22°♏06'31		
	-10339 Jun 26 j 08:48	0°♈					-10337 Dec 20 j 16:26	0°♐		
greatest brilliancy	-10339 Jun 29 j 00:42	3°♈21'05	-3.9m			greatest brilliancy	-10336 Jan 03 j 12:49	7°♐40'56	-4.7m	
	-10339 Jul 20 j 03:03	0°♉				retrograde	-10336 Jan 14 j 12:06	9°♐52'27		
morning set	-10339 Aug 02 j 17:39	17°♉13'54				evening set	-10336 Feb 01 j 03:01	4°♐00'35		
	-10339 Aug 12 j 19:51	0°♊				inferior conj	-10336 Feb 04 j 23:52	1°♐36'09	8°04'49	
	-10339 Sep 05 j 14:42	0°♋				minimum elong	-10336 Feb 04 j 23:38	1°♐36'31	8°04'21	
						min. Earth dist.	-10336 Feb 05 j 13:19	1°♐14'49	0.29585 AU	
superior conj	-10339 Sep 13 j 15:04	10°♋03'42	1°04'06				-10336 Feb 07 j 12:49	30°℞♏		
minimum elong	-10339 Sep 14 j 02:52	10°♋40'40	1°04'21			morning rise	-10336 Feb 08 j 20:06	29°♏11'48		
max. Earth dist.	-10339 Sep 20 j 21:06	19°♋08'31	1.71458 AU			direct	-10336 Feb 26 j 23:28	23°♏03'27		
	-10339 Sep 29 j 13:47	0°♌				greatest brilliancy	-10336 Mar 08 j 06:36	24°♏56'19	-4.7m	
desc. node	-10339 Oct 15 j 17:45	20°♌05'48					-10336 Mar 18 j 16:38	0°♐		
	-10339 Oct 23 j 17:37	0°♍				desc. node	-10336 Apr 01 j 18:57	10°♐13'33		
evening rise	-10339 Oct 26 j 19:06	3°♍47'11				morning max el	-10336 Apr 16 j 05:35	23°♐13'31	46°12'03	
	-10339 Nov 17 j 01:30	0°♎					-10336 Apr 23 j 02:02	0°♑		
	-10339 Dec 11 j 12:58	0°♏					-10336 May 20 j 21:03	0°♒		
	-10338 Jan 05 j 05:15	0°♐					-10336 Jun 15 j 13:01	0°♓		
	-10338 Jan 30 j 05:56	0°♑					-10336 Jul 10 j 04:11	0°♈		
asc. node	-10338 Feb 04 j 08:15	6°♑02'01				asc. node	-10336 Jul 22 j 08:34	15°♈07'00		
	-10338 Feb 24 j 20:52	0°♒					-10336 Aug 03 j 06:22	0°♉		
	-10338 Mar 23 j 11:57	0°♓					-10336 Aug 27 j 03:19	0°♊		
	-10338 Apr 21 j 05:48	0°♈					-10336 Sep 20 j 00:36	0°♋		
evening max el	-10338 Apr 22 j 12:33	1°♈14'39	46°20'02				-10336 Oct 14 j 01:36	0°♌		
desc. node	-10338 May 28 j 14:20	28°♈59'24				morning set	-10336 Oct 19 j 15:36	6°♌56'04		
	-10338 May 30 j 23:36	0°♉					-10336 Nov 07 j 07:10	0°♍		
greatest brilliancy	-10338 Jun 01 j 17:17	0°♉37'58	-4.9m			desc. node	-10336 Nov 12 j 07:01	6°♍09'29		
retrograde	-10338 Jun 11 j 09:08	2°♉19'55								
	-10338 Jun 22 j 06:51	30°℞♈				superior conj	-10336 Nov 29 j 22:24	27°♍51'53	-0°38'15	
evening set	-10338 Jun 27 j 07:44	27°♈31'23				minimum elong	-10336 Nov 29 j 14:22	27°♍27'13	0°37'49	
min. Earth dist.	-10338 Jul 01 j 16:36	24°♈58'48	0.26510 AU				-10336 Dec 01 j 16:07	0°♎		
inferior conj	-10338 Jul 02 j 02:44	24°♈43'39	-7°18'15			max. Earth dist.	-10336 Dec 01 j 23:14	0°♎21'53	1.73298 AU	
minimum elong	-10338 Jul 01 j 16:53	24°♈58'23	7°16'21				-10336 Dec 26 j 02:34	0°♏		
morning rise	-10338 Jul 06 j 02:02	22°♈23'54				evening rise	-10335 Jan 07 j 00:38	14°♏37'17		
direct	-10338 Jul 22 j 12:50	17°♈14'28					-10335 Jan 19 j 13:35	0°♐		
greatest brilliancy	-10338 Aug 01 j 22:29	19°♈17'02	-4.9m			greatest brilliancy	-10335 Jan 30 j 16:41	13°♐38'04	-3.9m	
	-10338 Aug 19 j 16:47	0°♉					-10335 Feb 13 j 01:48	0°♑		
morning max el	-10338 Sep 11 j 02:58	20°♉36'52	46°38'34			asc. node	-10335 Mar 03 j 19:38	22°♑50'52		
asc. node	-10338 Sep 17 j 07:23	27°♉03'12					-10335 Mar 09 j 16:58	0°♒		
	-10338 Sep 20 j 01:43	0°♊					-10335 Apr 03 j 13:04	0°♓		
	-10338 Oct 16 j 20:02	0°♋					-10335 Apr 28 j 16:24	0°♈		
	-10338 Nov 11 j 11:13	0°♌					-10335 May 24 j 07:46	0°♉		
	-10338 Dec 06 j 18:27	0°♍					-10335 Jun 20 j 00:52	0°♊		
	-10338 Dec 31 j 22:33	0°♎				desc. node	-10335 Jun 25 j 00:25	5°♊21'02		
desc. node	-10337 Jan 08 j 07:57	8°♎50'37				evening max el	-10335 Jul 04 j 21:50	15°♊37'11	47°47'59	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10335 Jul 20 j 00:00	0°♋		
greatest brilliancy	-10335 Aug 15 j 16:01	17°♋39'54	-4.9m	
retrograde	-10335 Aug 25 j 00:56	19°♋22'25		
evening set	-10335 Sep 10 j 13:25	13°♋56'42		
inferior conj	-10335 Sep 14 j 19:43	11°♋18'45	-6°34'59	
minimum elong	-10335 Sep 15 j 05:40	11°♋03'07	6°32'19	
min. Earth dist.	-10335 Sep 14 j 08:58	11°♋35'40	0.26997 AU	
morning rise	-10335 Sep 19 j 22:14	8°♋12'25		
direct	-10335 Oct 05 j 01:36	3°♋33'00		
greatest brilliancy	-10335 Oct 14 j 16:18	5°♋19'15	-4.9m	
asc. node	-10335 Oct 14 j 18:33	5°♋21'15		
	-10335 Nov 18 j 02:51	0°♌		
morning max el	-10335 Nov 23 j 16:37	5°♌22'22	46°12'37	
	-10335 Dec 17 j 09:21	0°♍		
	-10334 Jan 13 j 09:50	0°♎		
desc. node	-10334 Feb 04 j 21:05	25°♎47'27		
	-10334 Feb 08 j 11:56	0°♏		
	-10334 Mar 05 j 22:36	0°♐		
	-10334 Mar 30 j 20:14	0°♑		
	-10334 Apr 24 j 06:56	0°♒		
	-10334 May 18 j 09:14	0°♓		
morning set	-10334 May 19 j 02:52	0°♓55'11		
asc. node	-10334 May 27 j 07:48	11°♓12'44		
	-10334 Jun 11 j 05:57	0°♈		
max. Earth dist.	-10334 Jun 24 j 21:24	17°♈13'30	1.70905 AU	
superior conj	-10334 Jun 25 j 20:55	18°♈27'47	1°01'26	
minimum elong	-10334 Jun 25 j 11:05	17°♈56'42	1°01'15	
	-10334 Jul 04 j 23:57	0°♉		
	-10334 Jul 28 j 18:04	0°♊		
evening rise	-10334 Aug 05 j 02:57	9°♊17'12		
	-10334 Aug 21 j 14:49	0°♋		
	-10334 Sep 14 j 15:58	0°♌		
desc. node	-10334 Sep 17 j 07:24	3°♌16'48		
	-10334 Oct 08 j 22:31	0°♍		
	-10334 Nov 02 j 11:33	0°♎		
	-10334 Nov 27 j 10:14	0°♏		
	-10334 Dec 23 j 02:39	0°♐		
asc. node	-10333 Jan 06 j 23:42	16°♐42'10		
	-10333 Jan 19 j 08:11	0°♑		
evening max el	-10333 Feb 06 j 01:23	17°♑45'39	44°56'44	
	-10333 Feb 19 j 22:16	0°♒		
greatest brilliancy	-10333 Mar 16 j 00:08	14°♒40'44	-4.7m	
retrograde	-10333 Mar 26 j 03:27	16°♒28'49		
evening set	-10333 Apr 10 j 09:33	12°♒08'16		
inferior conj	-10333 Apr 16 j 06:33	8°♒45'04	3°11'42	
minimum elong	-10333 Apr 16 j 13:10	8°♒35'08	3°09'26	
min. Earth dist.	-10333 Apr 17 j 10:09	8°♒03'38	0.27912 AU	
morning rise	-10333 Apr 22 j 15:48	5°♒03'36		
desc. node	-10333 Apr 30 j 06:05	1°♒50'39		
direct	-10333 May 07 j 19:28	0°♒43'06		
greatest brilliancy	-10333 May 19 j 12:20	3°♒11'38	-4.8m	
	-10333 Jun 24 j 03:53	0°♓		
morning max el	-10333 Jun 27 j 03:25	2°♓57'40	46°38'26	
	-10333 Jul 22 j 05:01	0°♈		
	-10333 Aug 16 j 19:06	0°♉		
asc. node	-10333 Aug 19 j 21:33	3°♉43'58		
	-10333 Sep 10 j 11:05	0°♊		
	-10333 Oct 04 j 19:46	0°♋		
	-10333 Oct 29 j 04:40	0°♌		
	-10333 Nov 22 j 16:37	0°♍		
desc. node	-10333 Dec 10 j 20:34	22°♍09'29		
	-10333 Dec 17 j 06:58	0°♎		
morning set	-10332 Jan 02 j 08:00	19°♎33'30		
	-10332 Jan 10 j 21:17	0°♏		
	-10332 Feb 04 j 09:28	0°♐		
max. Earth dist.	-10332 Feb 05 j 09:33	1°♐13'53	1.73764 AU	
superior conj	-10332 Feb 08 j 04:49	4°♐40'21	-1°20'36	
minimum elong	-10332 Feb 08 j 06:10	4°♐44'29	1°21'06	
	-10332 Feb 28 j 18:54	0°♑		
evening rise	-10332 Mar 14 j 10:41	18°♑04'52		
	-10332 Mar 24 j 02:20	0°♒		
asc. node	-10332 Mar 31 j 07:48	8°♒55'39		
	-10332 Apr 17 j 09:05	0°♓		
	-10332 May 11 j 16:22	0°♈		
	-10332 Jun 05 j 01:37	0°♉		
	-10332 Jun 29 j 15:25	0°♊		
desc. node	-10332 Jul 22 j 10:47	27°♊26'00		
	-10332 Jul 24 j 14:38	0°♋		
	-10332 Aug 19 j 09:25	0°♌		
evening max el	-10332 Sep 14 j 02:51	27°♌53'59	47°06'47	
	-10332 Sep 16 j 04:39	0°♍		
greatest brilliancy	-10332 Oct 23 j 22:06	29°♍12'12	-4.8m	
	-10332 Oct 26 j 02:35	0°♎		
retrograde	-10332 Nov 03 j 22:09	1°♎30'30		
asc. node	-10332 Nov 11 j 05:25	0°♎22'48		
	-10332 Nov 12 j 08:50	30°℞♍		
evening set	-10332 Nov 18 j 21:39	26°♍54'17		
min. Earth dist.	-10332 Nov 24 j 07:24	23°♍33'03	0.28600 AU	
inferior conj	-10332 Nov 25 j 00:40	23°♍05'07	3°09'20	
minimum elong	-10332 Nov 24 j 18:36	23°♍14'55	3°07'50	
morning rise	-10332 Nov 30 j 16:28	19°♍34'09		
direct	-10332 Dec 16 j 05:54	14°♍47'22		
greatest brilliancy	-10332 Dec 25 j 01:57	16°♍14'39	-4.7m	
	-10331 Jan 17 j 09:45	0°♎		
morning max el	-10331 Feb 02 j 23:13	14°♎31'15	45°57'17	
	-10331 Feb 18 j 13:47	0°♏		
desc. node	-10331 Mar 04 j 09:38	14°♏38'43		
	-10331 Mar 18 j 07:35	0°♐		
	-10331 Apr 13 j 08:58	0°♑		
	-10331 May 08 j 10:34	0°♒		
	-10331 Jun 01 j 20:26	0°♓		
asc. node	-10331 Jun 23 j 21:15	27°♓32'33		
	-10331 Jun 25 j 20:08	0°♈		
greatest brilliancy	-10331 Jun 29 j 13:04	4°♈40'04	-3.9m	
	-10331 Jul 19 j 14:16	0°♉		
morning set	-10331 Jul 31 j 04:20	14°♉40'23		
	-10331 Aug 12 j 07:00	0°♊		
	-10331 Sep 05 j 01:48	0°♋		
superior conj	-10331 Sep 10 j 23:43	7°♋25'30	1°06'34	
minimum elong	-10331 Sep 11 j 11:15	8°♋01'41	1°06'50	
max. Earth dist.	-10331 Sep 18 j 08:08	16°♋38'07	1.71392 AU	
	-10331 Sep 29 j 00:53	0°♌		
desc. node	-10331 Oct 14 j 20:01	19°♌38'28		
	-10331 Oct 23 j 04:43	0°♍		
evening rise	-10331 Oct 24 j 05:31	1°♍16'43		
	-10331 Nov 16 j 12:38	0°♎		
	-10331 Dec 11 j 00:15	0°♏		
	-10330 Jan 04 j 16:53	0°♐		
	-10330 Jan 29 j 18:18	0°♑		
asc. node	-10330 Feb 03 j 10:27	5°♑31'28		
	-10330 Feb 24 j 10:38	0°♒		
	-10330 Mar 23 j 04:34	0°♓		
evening max el	-10330 Apr 20 j 00:42	28°♓49'28	46°16'07	
	-10330 Apr 21 j 06:02	0°♈		
desc. node	-10330 May 27 j 16:32	27°♈12'10		
greatest brilliancy	-10330 May 30 j 04:59	28°♈08'54	-4.9m	
retrograde	-10330 Jun 08 j 20:00	29°♈50'14		
evening set	-10330 Jun 24 j 15:17	25°♈07'52		
min. Earth dist.	-10330 Jun 29 j 05:34	22°♈28'03	0.26517 AU	
inferior conj	-10330 Jun 29 j 14:25	22°♈14'50	-7°03'56	
minimum elong	-10330 Jun 29 j 04:16	22°♈29'59	7°01'52	
morning rise	-10330 Jul 03 j 17:10	19°♈50'09		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10330 Jul 20 j 00:25	14°♈45'14		
greatest brilliancy	-10330 Jul 30 j 12:39	16°♈49'31	-4.9m	
	-10330 Aug 20 j 07:21	0°♉		
morning max el	-10330 Sep 08 j 14:19	18°♉04'31	46°39'23	
asc. node	-10330 Sep 16 j 09:37	26°♉14'31		
	-10330 Sep 19 j 21:25	0°♊		
	-10330 Oct 16 j 11:23	0°♋		
	-10330 Nov 11 j 00:40	0°♌		
	-10330 Dec 06 j 06:50	0°♍		
	-10330 Dec 31 j 10:16	0°♎		
desc. node	-10329 Jan 07 j 10:00	8°♎22'05		
	-10329 Jan 25 j 10:08	0°♏		
	-10329 Feb 19 j 04:31	0°♐		
morning set	-10329 Mar 11 j 00:19	24°♐15'01		
	-10329 Mar 15 j 16:32	0°♑		
	-10329 Apr 08 j 22:47	0°♒		
max. Earth dist.	-10329 Apr 10 j 15:02	2°♒05'00	1.72621 AU	
superior conj	-10329 Apr 15 j 03:21	7°♒41'40	-0°31'03	
minimum elong	-10329 Apr 15 j 08:56	7°♒59'03	0°31'18	
asc. node	-10329 Apr 28 j 20:39	24°♒47'32		
	-10329 May 03 j 00:44	0°♓		
evening rise	-10329 May 21 j 03:05	22°♓38'29		
	-10329 May 27 j 00:05	0°♈		
	-10329 Jun 19 j 22:37	0°♉		
	-10329 Jul 13 j 22:28	0°♊		
	-10329 Aug 07 j 02:04	0°♋		
desc. node	-10329 Aug 19 j 21:51	15°♋48'33		
	-10329 Aug 31 j 12:03	0°♌		
	-10329 Sep 25 j 08:12	0°♍		
	-10329 Oct 20 j 22:42	0°♎		
	-10329 Nov 17 j 07:25	0°♏		
evening max el	-10329 Nov 24 j 11:37	7°♏14'39	45°25'06	
asc. node	-10329 Dec 09 j 15:39	21°♏08'49		
	-10329 Dec 21 j 12:40	0°♐		
greatest brilliancy	-10328 Jan 01 j 04:51	5°♐34'14	-4.7m	
retrograde	-10328 Jan 12 j 05:35	7°♐47'37		
evening set	-10328 Jan 29 j 19:34	1°♐55'47		
	-10328 Feb 01 j 22:22	30°℞♏		
inferior conj	-10328 Feb 02 j 17:11	29°♏30'12	8°04'23	
minimum elong	-10328 Feb 02 j 16:18	29°♏31'37	8°03'54	
min. Earth dist.	-10328 Feb 03 j 05:22	29°♏10'53	0.29604 AU	
morning rise	-10328 Feb 06 j 12:53	27°♏06'41		
direct	-10328 Feb 24 j 16:14	20°♏56'58		
greatest brilliancy	-10328 Mar 05 j 22:30	22°♏49'08	-4.7m	
	-10328 Mar 19 j 17:11	0°♐		
desc. node	-10328 Mar 31 j 21:16	9°♐15'48		
morning max el	-10328 Apr 13 j 22:16	21°♐04'42	46°11'12	
	-10328 Apr 22 j 21:38	0°♑		
	-10328 May 20 j 12:02	0°♒		
	-10328 Jun 15 j 02:13	0°♓		
	-10328 Jul 09 j 16:30	0°♈		
asc. node	-10328 Jul 21 j 10:43	14°♈36'07		
	-10328 Aug 02 j 18:12	0°♉		
	-10328 Aug 26 j 14:53	0°♊		
	-10328 Sep 19 j 11:59	0°♋		
	-10328 Oct 13 j 12:49	0°♌		
morning set	-10328 Oct 17 j 02:07	4°♌24'58		
	-10328 Nov 06 j 18:13	0°♍		
desc. node	-10328 Nov 11 j 09:06	5°♍41'53		
superior conj	-10328 Nov 27 j 12:05	25°♍32'54	-0°35'11	
minimum elong	-10328 Nov 27 j 04:29	25°♍09'31	0°34'46	
max. Earth dist.	-10328 Nov 29 j 16:35	28°♍14'12	1.73249 AU	
	-10328 Dec 01 j 03:01	0°♎		
	-10328 Dec 25 j 13:25	0°♏		
evening rise	-10327 Jan 04 j 18:27	12°♏31'25		
	-10327 Jan 19 j 00:30	0°♐		
greatest brilliancy	-10327 Jan 31 j 07:07	15°♐02'02	-3.9m	
	-10327 Feb 12 j 12:57	0°♑		
asc. node	-10327 Mar 02 j 21:55	22°♑23'00		
	-10327 Mar 09 j 04:33	0°♒		
	-10327 Apr 03 j 01:22	0°♓		
	-10327 Apr 28 j 05:50	0°♈		
	-10327 May 23 j 23:06	0°♉		
	-10327 Jun 19 j 20:06	0°♊		
desc. node	-10327 Jun 24 j 02:35	4°♊32'58		
evening max el	-10327 Jul 02 j 12:08	13°♊13'35	47°46'55	
	-10327 Jul 20 j 09:12	0°♋		
greatest brilliancy	-10327 Aug 13 j 06:00	15°♋12'50	-4.9m	
retrograde	-10327 Aug 22 j 15:04	16°♋55'23		
evening set	-10327 Sep 08 j 06:04	11°♋25'11		
inferior conj	-10327 Sep 12 j 09:12	8°♋52'21	-6°50'19	
minimum elong	-10327 Sep 12 j 19:07	8°♋36'50	6°47'44	
min. Earth dist.	-10327 Sep 11 j 22:16	9°♋09'30	0.26963 AU	
morning rise	-10327 Sep 17 j 08:29	5°♋51'18		
direct	-10327 Oct 02 j 14:56	1°♋07'27		
greatest brilliancy	-10327 Oct 12 j 05:45	2°♋54'20	-4.9m	
asc. node	-10327 Oct 13 j 20:54	3°♋31'29		
	-10327 Nov 18 j 03:52	0°♌		
morning max el	-10327 Nov 21 j 08:03	3°♌05'34	46°13'38	
	-10327 Dec 17 j 02:09	0°♍		
	-10326 Jan 12 j 23:45	0°♎		
desc. node	-10326 Feb 03 j 23:17	25°♎17'00		
	-10326 Feb 08 j 00:26	0°♏		
	-10326 Mar 05 j 10:20	0°♐		
	-10326 Mar 30 j 07:32	0°♑		
	-10326 Apr 23 j 18:02	0°♒		
morning set	-10326 May 16 j 19:56	28°♒43'48		
	-10326 May 17 j 20:17	0°♓		
asc. node	-10326 May 26 j 09:51	10°♓44'25		
	-10326 Jun 10 j 17:02	0°♈		
max. Earth dist.	-10326 Jun 22 j 04:10	14°♈28'05	1.70939 AU	
superior conj	-10326 Jun 23 j 10:31	16°♈03'55	0°59'00	
minimum elong	-10326 Jun 23 j 00:45	15°♈33'05	0°58'45	
	-10326 Jul 04 j 11:07	0°♉		
	-10326 Jul 28 j 05:21	0°♊		
evening rise	-10326 Aug 02 j 11:50	6°♊38'30		
	-10326 Aug 21 j 02:11	0°♋		
	-10326 Sep 14 j 03:28	0°♌		
desc. node	-10326 Sep 16 j 09:39	2°♌48'04		
	-10326 Oct 08 j 10:12	0°♍		
	-10326 Nov 01 j 23:35	0°♎		
	-10326 Nov 26 j 22:56	0°♏		
	-10326 Dec 22 j 16:48	0°♐		
asc. node	-10325 Jan 06 j 02:00	16°♐05'28		
	-10325 Jan 19 j 02:02	0°♑		
evening max el	-10325 Feb 03 j 17:00	15°♑34'46	44°55'44	
	-10325 Feb 20 j 07:58	0°♒		
greatest brilliancy	-10325 Mar 13 j 13:56	12°♒26'54	-4.7m	
retrograde	-10325 Mar 23 j 17:16	14°♒14'42		
evening set	-10325 Apr 08 j 02:05	9°♒51'09		
inferior conj	-10325 Apr 13 j 20:58	6°♒30'06	3°30'25	
minimum elong	-10325 Apr 14 j 04:05	6°♒19'22	3°28'03	
min. Earth dist.	-10325 Apr 15 j 01:08	5°♒47'40	0.27989 AU	
morning rise	-10325 Apr 20 j 05:09	2°♒49'20		
	-10325 Apr 26 j 13:03	30°℞♑		
desc. node	-10325 Apr 29 j 08:11	29°♑10'51		
direct	-10325 May 05 j 11:05	28°♑26'44		
	-10325 May 14 j 15:45	0°♒		
greatest brilliancy	-10325 May 17 j 02:53	0°♒53'51	-4.8m	
	-10325 Jun 24 j 03:16	0°♓		
morning max el	-10325 Jun 24 j 17:53	0°♓36'35	46°37'36	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10325 Jul 21 j 21:38	0°♈	
	-10325 Aug 16 j 09:20	0°♉	
asc. node	-10325 Aug 18 j 23:47	3°♉08'21	
	-10325 Sep 10 j 00:07	0°♊	
	-10325 Oct 04 j 08:05	0°♋	
	-10325 Oct 28 j 16:31	0°♌	
	-10325 Nov 22 j 04:07	0°♍	
desc. node	-10325 Dec 09 j 22:35	21°♍41'09	
	-10325 Dec 16 j 18:12	0°♎	
morning set	-10325 Dec 31 j 00:02	17°♎22'09	
	-10324 Jan 10 j 08:19	0°♏	
max. Earth dist.	-10324 Feb 03 j 07:23	29°♏20'08	1.73773 AU
	-10324 Feb 03 j 20:23	0°♐	
superior conj	-10324 Feb 05 j 24:00	2°♐38'23	-1°20'49
minimum elong	-10324 Feb 06 j 00:45	2°♐40'41	1°21'18
	-10324 Feb 28 j 05:48	0°♑	
evening rise	-10324 Mar 12 j 06:38	16°♑04'24	
	-10324 Mar 23 j 13:22	0°♒	
asc. node	-10324 Mar 30 j 10:04	8°♒28'21	
	-10324 Apr 16 j 20:25	0°♓	
	-10324 May 11 j 04:09	0°♈	
	-10324 Jun 04 j 13:59	0°♉	
	-10324 Jun 29 j 04:32	0°♊	
desc. node	-10324 Jul 21 j 13:03	26°♊50'36	
	-10324 Jul 24 j 04:57	0°♋	
	-10324 Aug 19 j 02:02	0°♌	
evening max el	-10324 Sep 11 j 18:38	25°♌36'13	47°10'06
	-10324 Sep 16 j 03:38	0°♍	
greatest brilliancy	-10324 Oct 21 j 16:51	27°♍00'33	-4.8m
retrograde	-10324 Nov 01 j 14:55	29°♍16'55	
asc. node	-10324 Nov 10 j 07:30	27°♍41'24	
evening set	-10324 Nov 16 j 13:44	24°♍42'22	
min. Earth dist.	-10324 Nov 22 j 00:06	21°♍20'07	0.28532 AU
inferior conj	-10324 Nov 22 j 17:21	20°♍52'10	2°51'23
minimum elong	-10324 Nov 22 j 11:47	21°♍01'10	2°50'01
morning rise	-10324 Nov 28 j 10:45	17°♍18'39	
direct	-10324 Dec 13 j 21:34	12°♍35'39	
greatest brilliancy	-10324 Dec 22 j 17:48	14°♍02'48	-4.7m
	-10323 Jan 17 j 18:12	0°♎	
morning max el	-10323 Jan 31 j 14:14	12°♎19'13	45°57'19
	-10323 Feb 18 j 07:47	0°♏	
desc. node	-10323 Mar 03 j 11:49	14°♏01'41	
	-10323 Mar 17 j 21:56	0°♐	
	-10323 Apr 12 j 21:45	0°♑	
	-10323 May 07 j 22:35	0°♒	
	-10323 Jun 01 j 08:05	0°♓	
asc. node	-10323 Jun 22 j 23:27	27°♓03'21	
	-10323 Jun 25 j 07:36	0°♈	
greatest brilliancy	-10323 Jun 29 j 18:17	5°♈36'00	-3.9m
	-10323 Jul 19 j 01:41	0°♉	
morning set	-10323 Jul 28 j 14:53	12°♉05'39	
	-10323 Aug 11 j 18:24	0°♊	
	-10323 Sep 04 j 13:14	0°♋	
superior conj	-10323 Sep 08 j 07:56	4°♋44'51	1°08'54
minimum elong	-10323 Sep 08 j 19:04	5°♋19'50	1°09'11
max. Earth dist.	-10323 Sep 15 j 13:54	13°♋50'13	1.71327 AU
	-10323 Sep 28 j 12:18	0°♌	
desc. node	-10323 Oct 13 j 22:06	19°♌09'37	
evening rise	-10323 Oct 21 j 15:09	28°♌42'45	
	-10323 Oct 22 j 16:07	0°♍	
	-10323 Nov 16 j 00:03	0°♎	
	-10323 Dec 10 j 11:47	0°♏	
	-10322 Jan 04 j 04:47	0°♐	
	-10322 Jan 29 j 06:57	0°♑	
asc. node	-10322 Feb 02 j 12:46	5°♑00'27	
	-10322 Feb 24 j 00:45	0°♒	
	-10322 Mar 22 j 21:41	0°♓	
evening max el	-10322 Apr 17 j 12:45	26°♓23'59	46°12'22
	-10322 Apr 21 j 07:36	0°♈	
desc. node	-10322 May 26 j 18:39	25°♈20'34	
greatest brilliancy	-10322 May 27 j 16:26	25°♈39'45	-4.9m
retrograde	-10322 Jun 06 j 07:14	27°♈21'13	
evening set	-10322 Jun 21 j 23:08	22°♈44'13	
inferior conj	-10322 Jun 27 j 02:17	19°♈46'18	-6°48'42
minimum elong	-10322 Jun 26 j 15:56	20°♈01'43	6°46'30
min. Earth dist.	-10322 Jun 26 j 18:37	19°♈57'44	0.26531 AU
morning rise	-10322 Jul 01 j 08:34	17°♈16'50	
direct	-10322 Jul 17 j 12:20	12°♈16'00	
greatest brilliancy	-10322 Jul 28 j 03:10	14°♈22'23	-4.9m
	-10322 Aug 20 j 18:31	0°♉	
morning max el	-10322 Sep 06 j 02:43	15°♉34'00	46°39'58
asc. node	-10322 Sep 15 j 11:53	25°♉25'41	
	-10322 Sep 19 j 16:56	0°♊	
	-10322 Oct 16 j 02:58	0°♋	
	-10322 Nov 10 j 14:27	0°♌	
	-10322 Dec 05 j 19:34	0°♍	
	-10322 Dec 30 j 22:17	0°♎	
desc. node	-10321 Jan 06 j 12:15	7°♎53'13	
	-10321 Jan 24 j 21:40	0°♏	
	-10321 Feb 18 j 15:45	0°♐	
morning set	-10321 Mar 08 j 19:40	22°♐12'49	
	-10321 Mar 15 j 03:38	0°♑	
	-10321 Apr 08 j 09:53	0°♒	
max. Earth dist.	-10321 Apr 08 j 11:49	0°♒05'58	1.72679 AU
superior conj	-10321 Apr 12 j 22:28	5°♒37'22	-0°33'48
minimum elong	-10321 Apr 13 j 04:27	5°♒55'56	0°34'03
asc. node	-10321 Apr 27 j 22:44	24°♒19'15	
	-10321 May 02 j 11:55	0°♓	
evening rise	-10321 May 18 j 20:33	20°♓27'39	
	-10321 May 26 j 11:25	0°♈	
	-10321 Jun 19 j 10:10	0°♉	
	-10321 Jul 13 j 10:18	0°♊	
	-10321 Aug 06 j 14:16	0°♋	
desc. node	-10321 Aug 19 j 00:05	15°♋17'15	
	-10321 Aug 31 j 00:45	0°♌	
	-10321 Sep 24 j 21:44	0°♍	
	-10321 Oct 20 j 13:56	0°♎	
	-10321 Nov 17 j 03:13	0°♏	
evening max el	-10321 Nov 22 j 03:37	5°♏02'11	45°28'03
asc. node	-10321 Dec 08 j 18:00	20°♏08'54	
	-10321 Dec 22 j 17:37	0°♐	
greatest brilliancy	-10321 Dec 29 j 20:44	3°♐26'10	-4.7m
retrograde	-10320 Jan 09 j 23:30	5°♐41'37	
evening set	-10320 Jan 27 j 11:58	29°♏50'14	
	-10320 Jan 27 j 05:27	30°℞♏	
inferior conj	-10320 Jan 31 j 10:32	27°♏23'07	8°03'16
minimum elong	-10320 Jan 31 j 09:01	27°♏25'32	8°02'46
min. Earth dist.	-10320 Jan 31 j 21:06	27°♏06'22	0.29616 AU
morning rise	-10320 Feb 04 j 05:58	25°♏00'04	
direct	-10320 Feb 22 j 09:29	18°♏49'38	
greatest brilliancy	-10320 Mar 03 j 13:46	20°♏40'30	-4.7m
	-10320 Mar 20 j 11:47	0°♐	
desc. node	-10320 Mar 30 j 23:24	8°♐18'09	
morning max el	-10320 Apr 11 j 15:41	18°♐57'05	46°10'20
	-10320 Apr 22 j 17:00	0°♑	
	-10320 May 20 j 03:07	0°♒	
	-10320 Jun 14 j 15:36	0°♓	
	-10320 Jul 09 j 05:01	0°♈	
asc. node	-10320 Jul 20 j 12:59	14°♈04'53	
	-10320 Aug 02 j 06:16	0°♉	
	-10320 Aug 26 j 02:40	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10320 Sep 18 j 23:37	0°♋	
	-10320 Oct 13 j 00:18	0°♌	
morning set	-10320 Oct 14 j 12:38	1°♌52'55	
	-10320 Nov 06 j 05:35	0°♍	
desc. node	-10320 Nov 10 j 11:09	5°♍13'15	
superior conj	-10320 Nov 25 j 01:18	23°♍11'17	-0°32'02
minimum elong	-10320 Nov 24 j 18:12	22°♍49'25	0°31'36
max. Earth dist.	-10320 Nov 27 j 10:00	26°♍05'34	1.73204 AU
	-10320 Nov 30 j 14:17	0°♎	
	-10320 Dec 25 j 00:38	0°♏	
evening rise	-10319 Jan 02 j 11:50	10°♏23'11	
	-10319 Jan 18 j 11:47	0°♐	
greatest brilliancy	-10319 Feb 01 j 17:28	17°♐25'46	-3.9m
	-10319 Feb 12 j 00:26	0°♑	
asc. node	-10319 Mar 02 j 00:09	21°♑54'05	
	-10319 Mar 08 j 16:28	0°♒	
	-10319 Apr 02 j 14:02	0°♓	
	-10319 Apr 27 j 19:41	0°♈	
	-10319 May 23 j 14:57	0°♉	
	-10319 Jun 19 j 16:10	0°♊	
desc. node	-10319 Jun 23 j 04:57	3°♊43'51	
evening max el	-10319 Jun 30 j 03:34	10°♊52'11	47°45'38
	-10319 Jul 20 j 21:46	0°♋	
greatest brilliancy	-10319 Aug 10 j 19:43	12°♋44'59	-4.9m
retrograde	-10319 Aug 20 j 05:23	14°♋27'37	
evening set	-10319 Sep 05 j 22:44	8°♋53'18	
inferior conj	-10319 Sep 09 j 22:42	6°♋25'23	-7°04'47
minimum elong	-10319 Sep 10 j 08:29	6°♋10'05	7°02'20
min. Earth dist.	-10319 Sep 09 j 11:22	6°♋43'06	0.26928 AU
morning rise	-10319 Sep 14 j 18:34	3°♋29'44	
	-10319 Sep 22 j 07:54	30°℞♊	
direct	-10319 Sep 30 j 04:39	28°♊41'39	
	-10319 Oct 08 j 08:33	0°♋	
greatest brilliancy	-10319 Oct 09 j 18:46	0°♋28'24	-4.9m
asc. node	-10319 Oct 12 j 23:01	1°♋45'17	
	-10319 Nov 18 j 03:57	0°♌	
morning max el	-10319 Nov 18 j 23:18	0°♌47'37	46°14'28
	-10319 Dec 16 j 18:54	0°♍	
	-10318 Jan 12 j 13:50	0°♎	
desc. node	-10318 Feb 03 j 01:26	24°♎45'39	
	-10318 Feb 07 j 13:10	0°♏	
	-10318 Mar 04 j 22:18	0°♐	
	-10318 Mar 29 j 19:03	0°♑	
	-10318 Apr 23 j 05:19	0°♒	
morning set	-10318 May 14 j 13:08	26°♒32'28	
	-10318 May 17 j 07:29	0°♓	
asc. node	-10318 May 25 j 12:02	10°♓16'04	
	-10318 Jun 10 j 04:17	0°♈	
max. Earth dist.	-10318 Jun 19 j 09:05	11°♈36'28	1.70979 AU
superior conj	-10318 Jun 21 j 00:28	13°♈40'46	0°56'27
minimum elong	-10318 Jun 20 j 14:50	13°♈10'22	0°56'11
	-10318 Jul 03 j 22:29	0°♉	
	-10318 Jul 27 j 16:48	0°♊	
evening rise	-10318 Jul 30 j 21:09	4°♊00'30	
	-10318 Aug 20 j 13:45	0°♋	
	-10318 Sep 13 j 15:08	0°♌	
desc. node	-10318 Sep 15 j 11:45	2°♌18'23	
	-10318 Oct 07 j 22:03	0°♍	
	-10318 Nov 01 j 11:46	0°♎	
	-10318 Nov 26 j 11:50	0°♏	
	-10318 Dec 22 j 07:17	0°♐	
asc. node	-10317 Jan 05 j 04:18	15°♐27'47	
	-10317 Jan 18 j 20:33	0°♑	
evening max el	-10317 Feb 01 j 08:03	13°♑21'52	44°54'46
	-10317 Feb 20 j 21:24	0°♒	
greatest brilliancy	-10317 Mar 11 j 04:19	10°♒13'13	-4.7m
retrograde	-10317 Mar 21 j 06:44	12°♒00'31	
evening set	-10317 Apr 05 j 18:47	7°♒33'41	
inferior conj	-10317 Apr 11 j 11:33	4°♒15'09	3°48'39
minimum elong	-10317 Apr 11 j 19:06	4°♒03'42	3°46'12
min. Earth dist.	-10317 Apr 12 j 16:31	3°♒31'21	0.28064 AU
morning rise	-10317 Apr 17 j 18:26	0°♒35'17	
	-10317 Apr 18 j 21:24	30°℞♑	
desc. node	-10317 Apr 28 j 10:22	26°♑35'49	
direct	-10317 May 03 j 02:17	26°♑10'21	
greatest brilliancy	-10317 May 14 j 18:02	28°♑36'43	-4.8m
	-10317 May 17 j 21:10	0°♒	
morning max el	-10317 Jun 22 j 07:29	28°♒13'15	46°36'47
	-10317 Jun 24 j 01:48	0°♓	
	-10317 Jul 21 j 14:01	0°♈	
	-10317 Aug 15 j 23:29	0°♉	
asc. node	-10317 Aug 18 j 01:56	2°♉32'28	
	-10317 Sep 09 j 13:09	0°♊	
	-10317 Oct 03 j 20:27	0°♋	
	-10317 Oct 28 j 04:25	0°♌	
	-10317 Nov 21 j 15:40	0°♍	
desc. node	-10317 Dec 09 j 00:51	21°♍13'30	
	-10317 Dec 16 j 05:28	0°♎	
morning set	-10317 Dec 28 j 15:59	15°♎10'28	
	-10316 Jan 09 j 19:23	0°♏	
max. Earth dist.	-10316 Feb 01 j 03:56	27°♏22'19	1.73784 AU
	-10316 Feb 03 j 07:21	0°♐	
superior conj	-10316 Feb 03 j 19:06	0°♐36'03	-1°20'54
minimum elong	-10316 Feb 03 j 19:15	0°♐36'33	1°21'24
	-10316 Feb 27 j 16:47	0°♑	
evening rise	-10316 Mar 10 j 02:27	14°♑03'21	
	-10316 Mar 23 j 00:31	0°♒	
asc. node	-10316 Mar 29 j 12:08	8°♒00'11	
	-10316 Apr 16 j 07:51	0°♓	
	-10316 May 10 j 15:59	0°♈	
	-10316 Jun 04 j 02:22	0°♉	
	-10316 Jun 28 j 17:42	0°♊	
desc. node	-10316 Jul 20 j 15:16	26°♊14'54	
	-10316 Jul 23 j 19:22	0°♋	
	-10316 Aug 18 j 18:55	0°♌	
evening max el	-10316 Sep 09 j 09:38	23°♌16'22	47°13'17
	-10316 Sep 16 j 03:36	0°♍	
greatest brilliancy	-10316 Oct 19 j 11:45	24°♍48'43	-4.8m
retrograde	-10316 Oct 30 j 07:27	27°♍03'12	
asc. node	-10316 Nov 09 j 09:51	24°♍54'48	
evening set	-10316 Nov 14 j 05:52	22°♍29'53	
min. Earth dist.	-10316 Nov 19 j 17:02	19°♍06'39	0.28465 AU
inferior conj	-10316 Nov 20 j 10:01	18°♍39'09	2°33'04
minimum elong	-10316 Nov 20 j 04:58	18°♍47'19	2°31'50
morning rise	-10316 Nov 26 j 04:54	15°♍03'15	
direct	-10316 Dec 11 j 12:45	10°♍23'41	
greatest brilliancy	-10316 Dec 20 j 10:08	11°♍51'29	-4.7m
	-10315 Jan 18 j 00:10	0°♎	
morning max el	-10315 Jan 29 j 05:07	10°♎06'59	45°57'26
	-10315 Feb 18 j 01:16	0°♏	
desc. node	-10315 Mar 02 j 13:57	13°♏25'04	
	-10315 Mar 17 j 12:04	0°♐	
	-10315 Apr 12 j 10:26	0°♑	
	-10315 May 07 j 10:33	0°♒	
	-10315 May 31 j 19:40	0°♓	
asc. node	-10315 Jun 22 j 01:43	26°♓34'38	
	-10315 Jun 24 j 19:00	0°♈	
greatest brilliancy	-10315 Jun 29 j 19:29	6°♈19'37	-3.9m
	-10315 Jul 18 j 12:59	0°♉	
morning set	-10315 Jul 26 j 01:36	9°♉31'50	
	-10315 Aug 11 j 05:41	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10315 Sep 04 j 00:30	0°♋	
superior conj	-10315 Sep 05 j 16:11	2°♋04'41	1°11'04
minimum elong	-10315 Sep 06 j 02:51	2°♋38'10	1°11'24
max. Earth dist.	-10315 Sep 12 j 17:07	10°♋54'38	1.71267 AU
	-10315 Sep 27 j 23:35	0°♌	
desc. node	-10315 Oct 13 j 00:12	18°♌41'10	
evening rise	-10315 Oct 19 j 00:35	26°♌08'28	
	-10315 Oct 22 j 03:24	0°♍	
	-10315 Nov 15 j 11:21	0°♎	
	-10315 Dec 09 j 23:13	0°♏	
	-10314 Jan 03 j 16:34	0°♐	
	-10314 Jan 28 j 19:30	0°♑	
asc. node	-10314 Feb 01 j 15:01	4°♑29'38	
	-10314 Feb 23 j 14:50	0°♒	
	-10314 Mar 22 j 15:01	0°♓	
evening max el	-10314 Apr 15 j 01:07	23°♓59'47	46°08'32
	-10314 Apr 21 j 10:29	0°♈	
greatest brilliancy	-10314 May 25 j 03:11	23°♈09'52	-4.8m
desc. node	-10314 May 25 j 21:03	23°♈24'31	
retrograde	-10314 Jun 03 j 18:50	24°♈52'13	
evening set	-10314 Jun 19 j 06:56	20°♈20'09	
inferior conj	-10314 Jun 24 j 13:58	17°♈17'34	-6°32'30
minimum elong	-10314 Jun 24 j 03:29	17°♈33'08	6°30'12
min. Earth dist.	-10314 Jun 24 j 07:16	17°♈27'31	0.26546 AU
morning rise	-10314 Jun 28 j 23:49	14°♈43'31	
direct	-10314 Jul 15 j 00:36	9°♈46'38	
greatest brilliancy	-10314 Jul 25 j 17:14	11°♈55'00	-4.9m
	-10314 Aug 21 j 02:37	0°♉	
morning max el	-10314 Sep 03 j 15:52	13°♉05'58	46°40'35
asc. node	-10314 Sep 14 j 14:05	24°♉37'58	
	-10314 Sep 19 j 11:43	0°♊	
	-10314 Oct 15 j 18:05	0°♋	
	-10314 Nov 10 j 03:53	0°♌	
	-10314 Dec 05 j 08:00	0°♍	
	-10314 Dec 30 j 10:03	0°♎	
desc. node	-10313 Jan 05 j 14:19	7°♎24'29	
	-10313 Jan 24 j 08:58	0°♏	
	-10313 Feb 18 j 02:45	0°♐	
morning set	-10313 Mar 06 j 15:08	20°♐11'52	
	-10313 Mar 14 j 14:29	0°♑	
max. Earth dist.	-10313 Apr 06 j 09:17	28°♑10'00	1.72737 AU
	-10313 Apr 07 j 20:44	0°♒	
superior conj	-10313 Apr 10 j 17:44	3°♒34'17	-0°36'29
minimum elong	-10313 Apr 11 j 00:02	3°♒53'54	0°36'44
asc. node	-10313 Apr 27 j 01:01	23°♒52'20	
	-10313 May 01 j 22:52	0°♓	
evening rise	-10313 May 16 j 14:07	18°♓17'48	
	-10313 May 25 j 22:33	0°♈	
	-10313 Jun 18 j 21:33	0°♉	
	-10313 Jul 12 j 22:00	0°♊	
	-10313 Aug 06 j 02:18	0°♋	
desc. node	-10313 Aug 18 j 02:12	14°♋46'12	
	-10313 Aug 30 j 13:16	0°♌	
	-10313 Sep 24 j 11:05	0°♍	
	-10313 Oct 20 j 05:04	0°♎	
	-10313 Nov 16 j 23:20	0°♏	
evening max el	-10313 Nov 19 j 20:16	2°♏51'59	45°31'00
asc. node	-10313 Dec 07 j 20:22	19°♏08'18	
	-10313 Dec 24 j 11:28	0°♐	
greatest brilliancy	-10313 Dec 27 j 12:57	1°♐19'10	-4.7m
retrograde	-10312 Jan 07 j 17:28	3°♐36'06	
	-10312 Jan 21 j 04:31	30°℞♏	
evening set	-10312 Jan 25 j 04:11	27°♏45'49	
inferior conj	-10312 Jan 29 j 03:52	25°♏16'41	8°01'29
minimum elong	-10312 Jan 29 j 01:43	25°♏20'06	8°01'00
min. Earth dist.	-10312 Jan 29 j 12:38	25°♏02'45	0.29621 AU
morning rise	-10312 Feb 01 j 23:12	22°♏53'44	
direct	-10312 Feb 20 j 03:01	16°♏43'11	
greatest brilliancy	-10312 Mar 01 j 04:26	18°♏32'04	-4.7m
	-10312 Mar 21 j 01:17	0°♐	
desc. node	-10312 Mar 30 j 01:33	7°♐22'36	
morning max el	-10312 Apr 09 j 08:59	16°♐50'20	46°09'29
	-10312 Apr 22 j 11:29	0°♑	
	-10312 May 19 j 17:41	0°♒	
	-10312 Jun 14 j 04:34	0°♓	
	-10312 Jul 08 j 17:14	0°♈	
asc. node	-10312 Jul 19 j 15:06	13°♈33'58	
	-10312 Aug 01 j 18:05	0°♉	
	-10312 Aug 25 j 14:15	0°♊	
	-10312 Sep 18 j 11:01	0°♋	
morning set	-10312 Oct 11 j 22:51	29°♋20'35	
	-10312 Oct 12 j 11:31	0°♌	
	-10312 Nov 05 j 16:39	0°♍	
desc. node	-10312 Nov 09 j 13:26	4°♍46'11	
superior conj	-10312 Nov 22 j 14:06	20°♍49'08	-0°28'48
minimum elong	-10312 Nov 22 j 07:33	20°♍29'00	0°28'21
max. Earth dist.	-10312 Nov 25 j 05:23	24°♍03'49	1.73157 AU
	-10312 Nov 30 j 01:15	0°♎	
	-10312 Dec 24 j 11:35	0°♏	
evening rise	-10312 Dec 31 j 05:04	8°♏15'20	
	-10311 Jan 17 j 22:47	0°♐	
	-10311 Feb 11 j 11:39	0°♑	
asc. node	-10311 Mar 01 j 02:20	21°♑25'46	
	-10311 Mar 08 j 04:07	0°♒	
	-10311 Apr 02 j 02:25	0°♓	
	-10311 Apr 27 j 09:17	0°♈	
	-10311 May 23 j 06:39	0°♉	
	-10311 Jun 19 j 12:29	0°♊	
desc. node	-10311 Jun 22 j 07:06	2°♊54'11	
evening max el	-10311 Jun 27 j 19:03	8°♊31'43	47°43'57
	-10311 Jul 21 j 14:05	0°♋	
greatest brilliancy	-10311 Aug 08 j 09:21	10°♋17'15	-4.9m
retrograde	-10311 Aug 17 j 19:11	11°♋59'23	
evening set	-10311 Sep 03 j 15:11	6°♋21'19	
inferior conj	-10311 Sep 07 j 11:56	3°♋58'12	-7°18'36
minimum elong	-10311 Sep 07 j 21:30	3°♋43'15	7°16'19
min. Earth dist.	-10311 Sep 07 j 00:21	4°♋16'20	0.26894 AU
morning rise	-10311 Sep 12 j 04:11	1°♋08'00	
	-10311 Sep 14 j 05:44	30°℞♊	
direct	-10311 Sep 27 j 18:08	26°♊15'46	
greatest brilliancy	-10311 Oct 07 j 07:45	28°♊02'12	-4.9m
	-10311 Oct 11 j 22:38	0°♋	
asc. node	-10311 Oct 12 j 01:20	0°♋03'19	
morning max el	-10311 Nov 16 j 13:38	28°♋27'40	46°15'20
	-10311 Nov 18 j 02:48	0°♌	
	-10311 Dec 16 j 11:06	0°♍	
	-10310 Jan 12 j 03:31	0°♎	
desc. node	-10310 Feb 02 j 03:31	24°♎15'03	
	-10310 Feb 07 j 01:34	0°♏	
	-10310 Mar 04 j 09:58	0°♐	
	-10310 Mar 29 j 06:18	0°♑	
	-10310 Apr 22 j 16:19	0°♒	
morning set	-10310 May 12 j 06:44	24°♒23'14	
	-10310 May 16 j 18:25	0°♓	
asc. node	-10310 May 24 j 14:20	9°♓48'57	
	-10310 Jun 09 j 15:15	0°♈	
max. Earth dist.	-10310 Jun 16 j 14:52	8°♈48'38	1.71021 AU
superior conj	-10310 Jun 18 j 14:58	11°♈20'23	0°53'50
minimum elong	-10310 Jun 18 j 05:32	10°♈50'38	0°53'33
	-10310 Jul 03 j 09:32	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10310 Jul 27 j 03:59	0°♊	
evening rise	-10310 Jul 28 j 06:57	1°♊24'57	
	-10310 Aug 20 j 01:03	0°♋	
	-10310 Sep 13 j 02:35	0°♌	
desc. node	-10310 Sep 14 j 13:55	1°♌49'34	
	-10310 Oct 07 j 09:44	0°♍	
	-10310 Oct 31 j 23:50	0°♎	
	-10310 Nov 26 j 00:38	0°♏	
	-10310 Dec 21 j 21:43	0°♐	
asc. node	-10309 Jan 04 j 06:30	14°♐50'02	
	-10309 Jan 18 j 15:19	0°♑	
evening max el	-10309 Jan 29 j 22:09	11°♑07'16	44°53'57
	-10309 Feb 21 j 14:56	0°♒	
greatest brilliancy	-10309 Mar 08 j 18:43	8°♒00'19	-4.7m
retrograde	-10309 Mar 18 j 20:20	9°♒47'29	
evening set	-10309 Apr 03 j 11:36	5°♒16'53	
inferior conj	-10309 Apr 09 j 02:11	2°♒01'08	4°06'20
minimum elong	-10309 Apr 09 j 10:09	1°♒49'05	4°03'50
min. Earth dist.	-10309 Apr 10 j 08:07	1°♒15'48	0.28140 AU
	-10309 Apr 12 j 10:50	30°♑℞	
morning rise	-10309 Apr 15 j 07:38	28°♑22'33	
desc. node	-10309 Apr 27 j 12:43	24°♑06'31	
direct	-10309 Apr 30 j 17:11	23°♑54'40	
greatest brilliancy	-10309 May 12 j 09:46	26°♑21'09	-4.8m
	-10309 May 19 j 18:02	0°♒	
morning max el	-10309 Jun 19 j 21:09	25°♒50'56	46°36'14
	-10309 Jun 23 j 23:14	0°♓	
	-10309 Jul 21 j 05:53	0°♈	
	-10309 Aug 15 j 13:15	0°♉	
asc. node	-10309 Aug 17 j 04:09	1°♉57'48	
	-10309 Sep 09 j 01:52	0°♊	
	-10309 Oct 03 j 08:33	0°♋	
	-10309 Oct 27 j 16:07	0°♌	
	-10309 Nov 21 j 03:04	0°♍	
desc. node	-10309 Dec 08 j 02:55	20°♍45'40	
	-10309 Dec 15 j 16:36	0°♎	
morning set	-10309 Dec 26 j 07:30	12°♎57'46	
	-10308 Jan 09 j 06:19	0°♏	
max. Earth dist.	-10308 Jan 29 j 23:49	25°♏22'56	1.73793 AU
superior conj	-10308 Feb 01 j 13:57	28°♏33'26	-1°20'54
minimum elong	-10308 Feb 01 j 13:31	28°♏32'07	1°21'22
	-10308 Feb 02 j 18:10	0°♐	
	-10308 Feb 27 j 03:38	0°♑	
evening rise	-10308 Mar 07 j 22:13	12°♑02'39	
	-10308 Mar 22 j 11:33	0°♒	
asc. node	-10308 Mar 28 j 14:27	7°♒33'07	
	-10308 Apr 15 j 19:12	0°♓	
	-10308 May 10 j 03:46	0°♈	
	-10308 Jun 03 j 14:41	0°♉	
	-10308 Jun 28 j 06:48	0°♊	
desc. node	-10308 Jul 19 j 17:26	25°♊39'26	
	-10308 Jul 23 j 09:44	0°♋	
	-10308 Aug 18 j 11:51	0°♌	
evening max el	-10308 Sep 07 j 00:20	20°♌56'23	47°16'23
	-10308 Sep 16 j 04:27	0°♍	
greatest brilliancy	-10308 Oct 17 j 06:08	22°♍36'34	-4.9m
retrograde	-10308 Oct 28 j 00:00	24°♍49'57	
asc. node	-10308 Nov 08 j 12:12	22°♍04'04	
evening set	-10308 Nov 11 j 22:08	20°♍17'14	
min. Earth dist.	-10308 Nov 17 j 09:58	16°♍53'24	0.28403 AU
inferior conj	-10308 Nov 18 j 02:42	16°♍26'20	2°14'26
minimum elong	-10308 Nov 17 j 22:13	16°♍33'36	2°13'21
morning rise	-10308 Nov 23 j 23:03	12°♍48'20	
direct	-10308 Dec 09 j 03:58	8°♍11'40	
greatest brilliancy	-10308 Dec 18 j 02:47	9°♍40'35	-4.7m
	-10307 Jan 18 j 04:11	0°♎	
morning max el	-10307 Jan 26 j 20:45	7°♎56'30	45°57'35
	-10307 Feb 17 j 18:23	0°♏	
desc. node	-10307 Mar 01 j 16:09	12°♏49'00	
	-10307 Mar 17 j 02:01	0°♐	
	-10307 Apr 11 j 23:00	0°♑	
	-10307 May 06 j 22:25	0°♒	
	-10307 May 31 j 07:12	0°♓	
asc. node	-10307 Jun 21 j 03:46	26°♓05'20	
	-10307 Jun 24 j 06:22	0°♈	
greatest brilliancy	-10307 Jun 29 j 16:23	6°♈49'43	-3.9m
	-10307 Jul 18 j 00:16	0°♉	
morning set	-10307 Jul 23 j 12:43	6°♉59'18	
	-10307 Aug 10 j 16:55	0°♊	
superior conj	-10307 Sep 03 j 00:50	29°♊25'45	1°13'03
minimum elong	-10307 Sep 03 j 10:56	29°♊57'29	1°13'25
	-10307 Sep 03 j 11:44	0°♋	
max. Earth dist.	-10307 Sep 09 j 20:03	7°♋58'15	1.71207 AU
	-10307 Sep 27 j 10:48	0°♌	
desc. node	-10307 Oct 12 j 02:29	18°♌13'33	
evening rise	-10307 Oct 16 j 10:14	23°♌35'06	
	-10307 Oct 21 j 14:36	0°♍	
	-10307 Nov 14 j 22:36	0°♎	
	-10307 Dec 09 j 10:38	0°♏	
	-10306 Jan 03 j 04:25	0°♐	
	-10306 Jan 28 j 08:10	0°♑	
asc. node	-10306 Jan 31 j 17:13	3°♑58'27	
	-10306 Feb 23 j 05:07	0°♒	
	-10306 Mar 22 j 08:45	0°♓	
evening max el	-10306 Apr 12 j 14:23	21°♓37'59	46°04'51
	-10306 Apr 21 j 15:02	0°♈	
greatest brilliancy	-10306 May 22 j 13:21	20°♈39'44	-4.8m
desc. node	-10306 May 24 j 23:11	21°♈23'31	
retrograde	-10306 Jun 01 j 06:54	22°♈23'24	
evening set	-10306 Jun 16 j 14:59	17°♈56'01	
inferior conj	-10306 Jun 22 j 01:38	14°♈48'49	-6°15'38
minimum elong	-10306 Jun 21 j 15:07	15°♈04'24	6°13'14
min. Earth dist.	-10306 Jun 21 j 19:37	14°♈57'45	0.26564 AU
morning rise	-10306 Jun 26 j 15:05	12°♈10'14	
direct	-10306 Jul 12 j 13:28	7°♈17'22	
greatest brilliancy	-10306 Jul 23 j 06:50	9°♈26'54	-4.9m
	-10306 Aug 21 j 08:33	0°♉	
morning max el	-10306 Sep 01 j 05:40	10°♉39'25	46°41'14
asc. node	-10306 Sep 13 j 16:20	23°♉50'53	
	-10306 Sep 19 j 06:07	0°♊	
	-10306 Oct 15 j 09:04	0°♋	
	-10306 Nov 09 j 17:14	0°♌	
	-10306 Dec 04 j 20:23	0°♍	
	-10306 Dec 29 j 21:48	0°♎	
desc. node	-10305 Jan 04 j 16:24	6°♎55'47	
	-10305 Jan 23 j 20:18	0°♏	
	-10305 Feb 17 j 13:51	0°♐	
morning set	-10305 Mar 04 j 10:35	18°♐10'31	
	-10305 Mar 14 j 01:28	0°♑	
max. Earth dist.	-10305 Apr 04 j 05:31	26°♑09'50	1.72791 AU
	-10305 Apr 07 j 07:42	0°♒	
superior conj	-10305 Apr 08 j 12:58	1°♒30'50	-0°39'07
minimum elong	-10305 Apr 08 j 19:35	1°♒51'24	0°39'22
asc. node	-10305 Apr 26 j 03:15	23°♒24'52	
	-10305 May 01 j 09:56	0°♓	
evening rise	-10305 May 14 j 07:42	16°♓07'43	
	-10305 May 25 j 09:48	0°♈	
	-10305 Jun 18 j 09:05	0°♉	
	-10305 Jul 12 j 09:52	0°♊	
	-10305 Aug 05 j 14:33	0°♋	
desc. node	-10305 Aug 17 j 04:27	14°♋14'54	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10305 Aug 30 j 02:01	0°♌		
	-10305 Sep 24 j 00:42	0°♍		
	-10305 Oct 19 j 20:31	0°♎		
	-10305 Nov 16 j 20:10	0°♏		
evening max el	-10305 Nov 17 j 13:11	0°♏42'12	45°34'01	
asc. node	-10305 Dec 06 j 22:29	18°♏05'42		
greatest brilliancy	-10305 Dec 25 j 05:50	29°♏13'01	-4.7m	
	-10305 Dec 27 j 10:38	0°♐		
retrograde	-10304 Jan 05 j 11:17	1°♐30'39		
	-10304 Jan 14 j 02:45	30°℞♏		
evening set	-10304 Jan 22 j 20:27	25°♏41'59		
inferior conj	-10304 Jan 26 j 21:25	23°♏10'29	7°59'13	
minimum elong	-10304 Jan 26 j 18:38	23°♏14'54	7°58'40	
min. Earth dist.	-10304 Jan 27 j 04:26	22°♏59'18	0.29624 AU	
morning rise	-10304 Jan 30 j 16:49	20°♏47'09		
direct	-10304 Feb 17 j 20:53	14°♏37'06		
greatest brilliancy	-10304 Feb 27 j 19:12	16°♏23'34	-4.7m	
	-10304 Mar 21 j 11:33	0°♐		
desc. node	-10304 Mar 29 j 03:52	6°♐28'05		
morning max el	-10304 Apr 07 j 01:43	14°♐41'45	46°08'31	
	-10304 Apr 22 j 05:47	0°♑		
	-10304 May 19 j 08:19	0°♒		
	-10304 Jun 13 j 17:42	0°♓		
	-10304 Jul 08 j 05:36	0°♈		
asc. node	-10304 Jul 18 j 17:18	13°♈02'51		
	-10304 Aug 01 j 06:03	0°♉		
	-10304 Aug 25 j 02:01	0°♊		
	-10304 Sep 17 j 22:36	0°♋		
morning set	-10304 Oct 09 j 09:02	26°♋47'17		
	-10304 Oct 11 j 22:58	0°♌		
	-10304 Nov 05 j 03:57	0°♍		
desc. node	-10304 Nov 08 j 15:29	4°♍17'43		
superior conj	-10304 Nov 20 j 02:52	18°♍26'07	-0°25'29	
minimum elong	-10304 Nov 19 j 20:56	18°♍07'53	0°25'02	
max. Earth dist.	-10304 Nov 23 j 02:06	22°♍05'23	1.73102 AU	
	-10304 Nov 29 j 12:27	0°♎		
	-10304 Dec 23 j 22:43	0°♏		
evening rise	-10304 Dec 28 j 22:25	6°♏07'13		
	-10303 Jan 17 j 09:59	0°♐		
	-10303 Feb 10 j 23:05	0°♑		
asc. node	-10303 Feb 28 j 04:38	20°♑57'09		
	-10303 Mar 07 j 16:02	0°♒		
	-10303 Apr 01 j 15:08	0°♓		
	-10303 Apr 26 j 23:18	0°♈		
	-10303 May 22 j 22:55	0°♉		
	-10303 Jun 19 j 09:47	0°♊		
desc. node	-10303 Jun 21 j 09:18	2°♊02'56		
evening max el	-10303 Jun 25 j 09:45	6°♊08'22	47°42'08	
	-10303 Jul 22 j 12:19	0°♋		
greatest brilliancy	-10303 Aug 05 j 23:23	7°♋49'14	-4.9m	
retrograde	-10303 Aug 15 j 08:26	9°♋30'12		
evening set	-10303 Sep 01 j 07:36	3°♋48'38		
min. Earth dist.	-10303 Sep 04 j 13:37	1°♋48'23	0.26862 AU	
inferior conj	-10303 Sep 05 j 01:12	1°♋30'15	-7°31'41	
minimum elong	-10303 Sep 05 j 10:28	1°♋15'46	7°29'32	
	-10303 Sep 07 j 11:28	30°℞♊		
morning rise	-10303 Sep 09 j 13:39	28°♊45'30		
direct	-10303 Sep 25 j 07:16	23°♊48'58		
greatest brilliancy	-10303 Oct 04 j 21:14	25°♊35'30	-4.9m	
asc. node	-10303 Oct 11 j 03:41	28°♊24'15		
	-10303 Oct 13 j 23:05	0°♋		
morning max el	-10303 Nov 14 j 03:05	26°♋04'18	46°16'15	
	-10303 Nov 18 j 01:08	0°♌		
	-10303 Dec 16 j 03:22	0°♍		
	-10302 Jan 11 j 17:22	0°♎		
desc. node	-10302 Feb 01 j 05:44	23°♎44'14		
	-10302 Feb 06 j 14:09	0°♏		
	-10302 Mar 03 j 21:49	0°♐		
	-10302 Mar 28 j 17:44	0°♑		
	-10302 Apr 22 j 03:35	0°♒		
morning set	-10302 May 10 j 00:24	22°♒13'23		
	-10302 May 16 j 05:39	0°♓		
asc. node	-10302 May 23 j 16:23	9°♓20'10		
	-10302 Jun 09 j 02:32	0°♈		
max. Earth dist.	-10302 Jun 13 j 22:28	6°♈05'32	1.71070 AU	
superior conj	-10302 Jun 16 j 05:29	8°♈59'05	0°51'08	
minimum elong	-10302 Jun 15 j 20:19	8°♈30'09	0°50'49	
	-10302 Jul 02 j 20:55	0°♉		
evening rise	-10302 Jul 25 j 16:48	28°♉48'37		
	-10302 Jul 26 j 15:28	0°♊		
	-10302 Aug 19 j 12:40	0°♋		
	-10302 Sep 12 j 14:22	0°♌		
desc. node	-10302 Sep 13 j 16:10	1°♌19'58		
	-10302 Oct 06 j 21:45	0°♍		
	-10302 Oct 31 j 12:15	0°♎		
	-10302 Nov 25 j 13:49	0°♏		
	-10302 Dec 21 j 12:37	0°♐		
asc. node	-10301 Jan 03 j 08:51	14°♐11'33		
	-10301 Jan 18 j 10:52	0°♑		
evening max el	-10301 Jan 27 j 11:53	8°♑51'20	44°53'27	
	-10301 Feb 22 j 14:49	0°♒		
greatest brilliancy	-10301 Mar 06 j 08:50	5°♒47'15	-4.7m	
retrograde	-10301 Mar 16 j 10:42	7°♒35'05		
evening set	-10301 Apr 01 j 04:43	3°♒00'19		
	-10301 Apr 06 j 08:53	30°℞♑		
inferior conj	-10301 Apr 06 j 17:08	29°♑47'30	4°23'19	
minimum elong	-10301 Apr 07 j 01:26	29°♑34'56	4°20'47	
min. Earth dist.	-10301 Apr 07 j 23:49	29°♑01'02	0.28219 AU	
morning rise	-10301 Apr 12 j 21:03	26°♑10'40		
desc. node	-10301 Apr 26 j 14:49	21°♑42'47		
direct	-10301 Apr 28 j 08:21	21°♑39'18		
greatest brilliancy	-10301 May 10 j 01:58	24°♑06'23	-4.8m	
	-10301 May 21 j 00:51	0°♒		
morning max el	-10301 Jun 17 j 11:43	23°♒30'17	46°35'27	
	-10301 Jun 23 j 20:14	0°♓		
	-10301 Jul 20 j 21:50	0°♈		
	-10301 Aug 15 j 03:14	0°♉		
asc. node	-10301 Aug 16 j 06:25	1°♉22'26		
	-10301 Sep 08 j 14:50	0°♊		
	-10301 Oct 02 j 20:55	0°♋		
	-10301 Oct 27 j 04:04	0°♌		
	-10301 Nov 20 j 14:43	0°♍		
desc. node	-10301 Dec 07 j 04:58	20°♍16'55		
	-10301 Dec 15 j 04:00	0°♎		
morning set	-10301 Dec 23 j 22:45	10°♎43'18		
	-10300 Jan 08 j 17:31	0°♏		
max. Earth dist.	-10300 Jan 27 j 19:41	23°♏22'39	1.73799 AU	
superior conj	-10300 Jan 30 j 08:47	26°♏29'57	-1°20'47	
minimum elong	-10300 Jan 30 j 07:44	26°♏26'44	1°21'14	
	-10300 Feb 02 j 05:15	0°♐		
	-10300 Feb 26 j 14:43	0°♑		
evening rise	-10300 Mar 05 j 18:08	10°♑01'51		
	-10300 Mar 21 j 22:47	0°♒		
asc. node	-10300 Mar 27 j 16:41	7°♒05'13		
	-10300 Apr 15 j 06:44	0°♓		
	-10300 May 09 j 15:44	0°♈		
	-10300 Jun 03 j 03:16	0°♉		
	-10300 Jun 27 j 20:15	0°♊		
desc. node	-10300 Jul 18 j 19:43	25°♊03'01		
	-10300 Jul 23 j 00:35	0°♋		
	-10300 Aug 18 j 05:33	0°♌		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10300 Sep 04 j 15:21	18°♌35'57	47°19'31	
	-10300 Sep 16 j 07:10	0°♍		
greatest brilliancy	-10300 Oct 14 j 23:46	20°♍21'46	-4.9m	
retrograde	-10300 Oct 25 j 16:43	22°♍34'47		
asc. node	-10300 Nov 07 j 14:19	19°♍07'15		
evening set	-10300 Nov 09 j 14:15	18°♍02'16		
min. Earth dist.	-10300 Nov 15 j 02:19	14°♍38'27	0.28340 AU	
inferior conj	-10300 Nov 15 j 19:03	14°♍11'26	1°55'18	
minimum elong	-10300 Nov 15 j 15:09	14°♍17'43	1°54'24	
morning rise	-10300 Nov 21 j 16:50	10°♍31'45		
direct	-10300 Dec 06 j 19:05	5°♍57'36		
greatest brilliancy	-10300 Dec 15 j 18:46	7°♍27'30	-4.8m	
	-10299 Jan 18 j 07:02	0°♎		
morning max el	-10299 Jan 24 j 13:01	5°♎46'37	45°57'50	
	-10299 Feb 17 j 11:26	0°♏		
desc. node	-10299 Feb 28 j 18:21	12°♏12'31		
	-10299 Mar 16 j 16:03	0°♐		
	-10299 Apr 11 j 11:40	0°♑		
	-10299 May 06 j 10:24	0°♒		
	-10299 May 30 j 18:49	0°♓		
asc. node	-10299 Jun 20 j 06:00	25°♓36'19		
	-10299 Jun 23 j 17:48	0°♈		
greatest brilliancy	-10299 Jun 29 j 09:16	7°♈06'56	-3.9m	
	-10299 Jul 17 j 11:39	0°♉		
morning set	-10299 Jul 21 j 00:02	4°♉27'05		
	-10299 Aug 10 j 04:19	0°♊		
superior conj	-10299 Aug 31 j 09:10	26°♊45'01	1°14'54	
minimum elong	-10299 Aug 31 j 18:34	27°♊14'38	1°15'17	
	-10299 Sep 02 j 23:10	0°♋		
max. Earth dist.	-10299 Sep 06 j 23:39	5°♋03'05	1.71155 AU	
	-10299 Sep 26 j 22:14	0°♌		
desc. node	-10299 Oct 11 j 04:32	17°♌44'29		
evening rise	-10299 Oct 13 j 19:10	20°♌58'39		
	-10299 Oct 21 j 02:02	0°♍		
	-10299 Nov 14 j 10:05	0°♎		
	-10299 Dec 08 j 22:17	0°♏		
	-10298 Jan 02 j 16:29	0°♐		
	-10298 Jan 27 j 21:06	0°♑		
asc. node	-10298 Jan 30 j 19:33	3°♑26'55		
	-10298 Feb 22 j 19:43	0°♒		
	-10298 Mar 22 j 03:01	0°♓		
evening max el	-10298 Apr 10 j 04:33	19°♓18'27	46°01'19	
	-10298 Apr 21 j 21:32	0°♈		
greatest brilliancy	-10298 May 19 j 23:39	18°♈10'30	-4.8m	
desc. node	-10298 May 24 j 01:23	19°♈18'08		
retrograde	-10298 May 29 j 19:14	19°♈55'13		
evening set	-10298 Jun 13 j 23:32	15°♈32'35		
inferior conj	-10298 Jun 19 j 13:29	12°♈20'53	-5°58'07	
minimum elong	-10298 Jun 19 j 03:03	12°♈36'20	5°55'39	
min. Earth dist.	-10298 Jun 19 j 07:59	12°♈29'01	0.26581 AU	
morning rise	-10298 Jun 24 j 06:27	9°♈37'43		
direct	-10298 Jul 10 j 02:43	4°♈49'14		
greatest brilliancy	-10298 Jul 20 j 19:55	6°♈58'53	-4.9m	
	-10298 Aug 21 j 12:29	0°♉		
morning max el	-10298 Aug 29 j 19:14	8°♉12'27	46°41'31	
asc. node	-10298 Sep 12 j 18:36	23°♉04'31		
	-10298 Sep 19 j 00:08	0°♊		
	-10298 Oct 14 j 23:59	0°♋		
	-10298 Nov 09 j 06:38	0°♌		
	-10298 Dec 04 j 08:53	0°♍		
	-10298 Dec 29 j 09:40	0°♎		
desc. node	-10297 Jan 03 j 18:40	6°♎27'15		
	-10297 Jan 23 j 07:44	0°♏		
	-10297 Feb 17 j 01:00	0°♐		
morning set	-10297 Mar 02 j 05:45	16°♐08'14		
	-10297 Mar 13 j 12:30	0°♑		
max. Earth dist.	-10297 Apr 02 j 00:01	24°♑04'17	1.72844 AU	
superior conj	-10297 Apr 06 j 08:11	29°♑27'15	-0°41'42	
minimum elong	-10297 Apr 06 j 15:04	29°♑48'39	0°41'57	
	-10297 Apr 06 j 18:44	0°♒		
asc. node	-10297 Apr 25 j 05:19	22°♒56'50		
	-10297 Apr 30 j 21:02	0°♓		
evening rise	-10297 May 12 j 01:27	13°♓58'07		
	-10297 May 24 j 21:04	0°♈		
	-10297 Jun 17 j 20:35	0°♉		
	-10297 Jul 11 j 21:39	0°♊		
	-10297 Aug 05 j 02:42	0°♋		
desc. node	-10297 Aug 16 j 06:41	13°♋43'46		
	-10297 Aug 29 j 14:43	0°♌		
	-10297 Sep 23 j 14:22	0°♍		
	-10297 Oct 19 j 12:14	0°♎		
evening max el	-10297 Nov 15 j 05:33	28°♎30'29	45°36'58	
	-10297 Nov 16 j 17:54	0°♏		
asc. node	-10297 Dec 06 j 00:52	17°♏01'32		
greatest brilliancy	-10297 Dec 22 j 23:20	27°♏06'47	-4.7m	
retrograde	-10296 Jan 03 j 04:31	29°♏24'16		
evening set	-10296 Jan 20 j 12:22	23°♏37'46		
inferior conj	-10296 Jan 24 j 14:47	21°♏03'35	7°56'15	
minimum elong	-10296 Jan 24 j 11:24	21°♏08'59	7°55'39	
min. Earth dist.	-10296 Jan 24 j 20:21	20°♏54'42	0.29621 AU	
morning rise	-10296 Jan 28 j 10:28	18°♏39'28		
direct	-10296 Feb 15 j 14:13	12°♏30'25		
greatest brilliancy	-10296 Feb 25 j 10:00	14°♏14'39	-4.7m	
	-10296 Mar 21 j 19:12	0°♐		
desc. node	-10296 Mar 28 j 05:59	5°♐34'08		
morning max el	-10296 Apr 04 j 17:18	12°♐30'29	46°07'36	
	-10296 Apr 21 j 23:37	0°♑		
	-10296 May 18 j 22:44	0°♒		
	-10296 Jun 13 j 06:39	0°♓		
	-10296 Jul 07 j 17:48	0°♈		
asc. node	-10296 Jul 17 j 19:32	12°♈32'19		
	-10296 Jul 31 j 17:51	0°♉		
	-10296 Aug 24 j 13:33	0°♊		
	-10296 Sep 17 j 09:58	0°♋		
morning set	-10296 Oct 06 j 19:23	24°♋15'02		
	-10296 Oct 11 j 10:12	0°♌		
	-10296 Nov 04 j 15:04	0°♍		
desc. node	-10296 Nov 07 j 17:34	3°♍49'55		
superior conj	-10296 Nov 17 j 15:21	16°♍02'40	-0°22'06	
minimum elong	-10296 Nov 17 j 10:07	15°♍46'35	0°21'40	
max. Earth dist.	-10296 Nov 20 j 22:32	20°♍06'27	1.73051 AU	
	-10296 Nov 28 j 23:29	0°♎		
	-10296 Dec 23 j 09:44	0°♏		
evening rise	-10296 Dec 26 j 15:13	3°♏57'42		
	-10295 Jan 16 j 21:04	0°♐		
	-10295 Feb 10 j 10:25	0°♑		
asc. node	-10295 Feb 27 j 06:51	20°♑28'34		
	-10295 Mar 07 j 03:51	0°♒		
	-10295 Apr 01 j 03:48	0°♓		
	-10295 Apr 26 j 13:18	0°♈		
	-10295 May 22 j 15:17	0°♉		
	-10295 Jun 19 j 07:38	0°♊		
desc. node	-10295 Jun 20 j 11:40	1°♊11'41		
evening max el	-10295 Jun 22 j 23:25	3°♊42'54	47°40'13	
	-10295 Jul 23 j 18:12	0°♋		
greatest brilliancy	-10295 Aug 03 j 13:51	5°♋22'19	-4.9m	
retrograde	-10295 Aug 12 j 21:11	7°♋01'50		
evening set	-10295 Aug 29 j 23:55	1°♋16'53		
	-10295 Sep 01 j 02:06	30°℞♊		
min. Earth dist.	-10295 Sep 02 j 03:06	29°♊21'00	0.26828 AU	
inferior conj	-10295 Sep 02 j 14:26	29°♊03'17	-7°43'52	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10295 Sep 02 j 23:20	28°♊49'23	7°41'53
morning rise	-10295 Sep 06 j 23:01	26°♊24'07	
direct	-10295 Sep 22 j 19:53	21°♊23'03	
greatest brilliancy	-10295 Oct 02 j 11:04	23°♊10'16	-4.9m
asc. node	-10295 Oct 10 j 05:46	26°♊49'33	
	-10295 Oct 15 j 07:01	0°♋	
morning max el	-10295 Nov 11 j 15:46	23°♋39'53	46°17'11
	-10295 Nov 17 j 22:13	0°♌	
	-10295 Dec 15 j 19:02	0°♍	
	-10294 Jan 11 j 06:50	0°♎	
desc. node	-10294 Jan 31 j 07:51	23°♎13'54	
	-10294 Feb 06 j 02:27	0°♏	
	-10294 Mar 03 j 09:26	0°♐	
	-10294 Mar 28 j 04:57	0°♑	
	-10294 Apr 21 j 14:35	0°♒	
morning set	-10294 May 07 j 17:53	20°♒03'52	
	-10294 May 15 j 16:37	0°♓	
asc. node	-10294 May 22 j 18:36	8°♓52'41	
	-10294 Jun 08 j 13:34	0°♈	
max. Earth dist.	-10294 Jun 11 j 09:01	3°♈32'36	1.71121 AU
superior conj	-10294 Jun 13 j 19:56	6°♈38'24	0°48'21
minimum elong	-10294 Jun 13 j 11:04	6°♈10'25	0°48'00
	-10294 Jul 02 j 08:03	0°♉	
evening rise	-10294 Jul 23 j 02:55	26°♉13'54	
	-10294 Jul 26 j 02:43	0°♊	
	-10294 Aug 19 j 00:02	0°♋	
	-10294 Sep 12 j 01:51	0°♌	
desc. node	-10294 Sep 12 j 18:16	0°♌50'51	
	-10294 Oct 06 j 09:25	0°♍	
	-10294 Oct 31 j 00:18	0°♎	
	-10294 Nov 25 j 02:40	0°♏	
	-10294 Dec 21 j 03:18	0°♐	
asc. node	-10293 Jan 02 j 11:07	13°♐33'27	
	-10293 Jan 18 j 06:40	0°♑	
evening max el	-10293 Jan 25 j 02:02	6°♑37'20	44°52'57
	-10293 Feb 23 j 23:41	0°♒	
greatest brilliancy	-10293 Mar 03 j 22:20	3°♒34'13	-4.7m
retrograde	-10293 Mar 14 j 01:30	5°♒23'21	
evening set	-10293 Mar 29 j 21:51	0°♒44'14	
	-10293 Mar 31 j 05:39	30°℞♑	
inferior conj	-10293 Apr 04 j 08:01	27°♑34'23	4°39'53
minimum elong	-10293 Apr 04 j 16:35	27°♑21'23	4°37'20
min. Earth dist.	-10293 Apr 05 j 15:07	26°♑47'16	0.28300 AU
morning rise	-10293 Apr 10 j 10:17	23°♑59'43	
direct	-10293 Apr 25 j 23:46	19°♑24'29	
desc. node	-10293 Apr 25 j 17:00	19°♑24'35	
greatest brilliancy	-10293 May 07 j 17:47	21°♑52'01	-4.8m
	-10293 May 21 j 22:55	0°♒	
morning max el	-10293 Jun 15 j 03:06	21°♒12'44	46°34'41
	-10293 Jun 23 j 16:17	0°♓	
	-10293 Jul 20 j 13:16	0°♈	
	-10293 Aug 14 j 16:48	0°♉	
asc. node	-10293 Aug 15 j 08:32	0°♉47'49	
	-10293 Sep 08 j 03:26	0°♊	
	-10293 Oct 02 j 08:55	0°♋	
	-10293 Oct 26 j 15:39	0°♌	
	-10293 Nov 20 j 01:58	0°♍	
desc. node	-10293 Dec 06 j 07:14	19°♍50'10	
	-10293 Dec 14 j 14:58	0°♎	
morning set	-10293 Dec 21 j 14:11	8°♎30'35	
	-10292 Jan 08 j 04:18	0°♏	
max. Earth dist.	-10292 Jan 25 j 17:30	21°♏29'32	1.73810 AU
superior conj	-10292 Jan 28 j 03:43	24°♏27'59	-1°20'33
minimum elong	-10292 Jan 28 j 02:03	24°♏22'54	1°21'00
	-10292 Feb 01 j 15:57	0°♐	
	-10292 Feb 26 j 01:29	0°♑	
evening rise	-10292 Mar 03 j 14:07	8°♑02'19	
	-10292 Mar 21 j 09:44	0°♒	
asc. node	-10292 Mar 26 j 18:46	6°♒37'42	
	-10292 Apr 14 j 18:00	0°♓	
	-10292 May 09 j 03:28	0°♈	
	-10292 Jun 02 j 15:37	0°♉	
	-10292 Jun 27 j 09:30	0°♊	
desc. node	-10292 Jul 17 j 21:54	24°♊26'59	
	-10292 Jul 22 j 15:18	0°♋	
	-10292 Aug 17 j 23:17	0°♌	
evening max el	-10292 Sep 02 j 07:23	16°♌19'01	47°22'35
	-10292 Sep 16 j 11:03	0°♍	
greatest brilliancy	-10292 Oct 12 j 17:10	18°♍07'36	-4.9m
retrograde	-10292 Oct 23 j 09:59	20°♍20'32	
asc. node	-10292 Nov 06 j 16:40	16°♍07'37	
evening set	-10292 Nov 07 j 06:33	15°♍48'07	
inferior conj	-10292 Nov 13 j 11:24	11°♍57'27	1°35'52
minimum elong	-10292 Nov 13 j 08:08	12°♍02'43	1°35'10
min. Earth dist.	-10292 Nov 12 j 18:25	12°♍24'49	0.28273 AU
morning rise	-10292 Nov 19 j 10:32	8°♍16'24	
direct	-10292 Dec 04 j 10:38	3°♍44'40	
greatest brilliancy	-10292 Dec 13 j 10:12	5°♍15'01	-4.8m
	-10291 Jan 18 j 07:52	0°♎	
morning max el	-10291 Jan 22 j 05:47	3°♎39'19	45°58'06
	-10291 Feb 17 j 03:40	0°♏	
desc. node	-10291 Feb 27 j 20:27	11°♏37'25	
	-10291 Mar 16 j 05:33	0°♐	
	-10291 Apr 10 j 23:57	0°♑	
	-10291 May 05 j 22:04	0°♒	
	-10291 May 30 j 06:11	0°♓	
asc. node	-10291 Jun 19 j 08:14	25°♓08'07	
	-10291 Jun 23 j 05:01	0°♈	
greatest brilliancy	-10291 Jun 29 j 02:25	7°♈25'42	-3.9m
	-10291 Jul 16 j 22:48	0°♉	
morning set	-10291 Jul 18 j 11:25	1°♉55'53	
	-10291 Aug 09 j 15:28	0°♊	
superior conj	-10291 Aug 28 j 17:30	24°♊05'05	1°16'33
minimum elong	-10291 Aug 29 j 02:07	24°♊32'11	1°16'58
	-10291 Sep 02 j 10:20	0°♋	
max. Earth dist.	-10291 Sep 04 j 06:06	2°♋17'31	1.71105 AU
	-10291 Sep 26 j 09:25	0°♌	
desc. node	-10291 Oct 10 j 06:40	17°♌16'26	
evening rise	-10291 Oct 11 j 03:56	18°♌22'25	
	-10291 Oct 20 j 13:13	0°♍	
	-10291 Nov 13 j 21:17	0°♎	
	-10291 Dec 08 j 09:39	0°♏	
	-10290 Jan 02 j 04:15	0°♐	
	-10290 Jan 27 j 09:44	0°♑	
asc. node	-10290 Jan 29 j 21:46	2°♑56'02	
	-10290 Feb 22 j 10:05	0°♒	
	-10290 Mar 21 j 21:22	0°♓	
evening max el	-10290 Apr 07 j 18:48	17°♓00'02	45°57'31
	-10290 Apr 22 j 06:05	0°♈	
greatest brilliancy	-10290 May 17 j 10:29	15°♈42'26	-4.8m
desc. node	-10290 May 23 j 03:43	17°♈07'55	
retrograde	-10290 May 27 j 07:02	17°♈27'14	
evening set	-10290 Jun 11 j 08:12	13°♈09'22	
inferior conj	-10290 Jun 17 j 01:14	9°♈53'20	-5°39'43
minimum elong	-10290 Jun 16 j 14:59	10°♈08'32	5°37'15
min. Earth dist.	-10290 Jun 16 j 20:42	10°♈00'03	0.26602 AU
morning rise	-10290 Jun 21 j 21:38	7°♈05'24	
direct	-10290 Jul 07 j 15:46	2°♈21'25	
greatest brilliancy	-10290 Jul 18 j 09:09	4°♈31'03	-4.9m
	-10290 Aug 21 j 14:46	0°♉	
morning max el	-10290 Aug 27 j 07:49	5°♉43'14	46°41'52

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10290 Sep 11 j 20:46	22°♉18'52	
	-10290 Sep 18 j 17:38	0°♊	
	-10290 Oct 14 j 14:34	0°♋	
	-10290 Nov 08 j 19:46	0°♌	
	-10290 Dec 03 j 21:06	0°♍	
	-10290 Dec 28 j 21:17	0°♎	
desc. node	-10289 Jan 02 j 20:42	5°♎58'44	
	-10289 Jan 22 j 18:56	0°♏	
	-10289 Feb 16 j 11:56	0°♐	
morning set	-10289 Feb 28 j 01:16	14°♐07'48	
	-10289 Mar 12 j 23:18	0°♑	
max. Earth dist.	-10289 Mar 30 j 18:46	22°♑00'19	1.72898 AU
superior conj	-10289 Apr 04 j 03:50	27°♑25'55	-0°44'12
minimum elong	-10289 Apr 04 j 10:57	27°♑48'00	0°44'27
	-10289 Apr 06 j 05:30	0°♒	
asc. node	-10289 Apr 24 j 07:37	22°♒30'07	
	-10289 Apr 30 j 07:57	0°♓	
evening rise	-10289 May 09 j 19:33	11°♓50'19	
	-10289 May 24 j 08:13	0°♈	
	-10289 Jun 17 j 08:02	0°♉	
	-10289 Jul 11 j 09:26	0°♊	
	-10289 Aug 04 j 14:53	0°♋	
desc. node	-10289 Aug 15 j 08:47	13°♋12'11	
	-10289 Aug 29 j 03:28	0°♌	
	-10289 Sep 23 j 04:06	0°♍	
	-10289 Oct 19 j 04:07	0°♎	
evening max el	-10289 Nov 12 j 21:06	26°♎16'50	45°40'06
	-10289 Nov 16 j 16:23	0°♏	
asc. node	-10289 Dec 05 j 03:10	15°♏55'59	
greatest brilliancy	-10289 Dec 20 j 17:26	25°♏01'35	-4.7m
retrograde	-10289 Dec 31 j 21:44	27°♏18'42	
evening set	-10288 Jan 18 j 04:18	21°♏34'31	
inferior conj	-10288 Jan 22 j 08:22	18°♏57'34	7°52'39
minimum elong	-10288 Jan 22 j 04:24	19°♏03'55	7°52'01
min. Earth dist.	-10288 Jan 22 j 12:50	18°♏50'25	0.29612 AU
morning rise	-10288 Jan 26 j 04:31	16°♏32'21	
direct	-10288 Feb 13 j 07:10	10°♏24'34	
greatest brilliancy	-10288 Feb 23 j 01:32	12°♏07'12	-4.7m
	-10288 Mar 22 j 00:21	0°♐	
desc. node	-10288 Mar 27 j 08:09	4°♐41'57	
morning max el	-10288 Apr 02 j 08:33	10°♐18'59	46°06'52
	-10288 Apr 21 j 16:51	0°♑	
	-10288 May 18 j 12:49	0°♒	
	-10288 Jun 12 j 19:24	0°♓	
	-10288 Jul 07 j 05:56	0°♈	
asc. node	-10288 Jul 16 j 21:38	12°♈01'31	
	-10288 Jul 31 j 05:40	0°♉	
	-10288 Aug 24 j 01:11	0°♊	
	-10288 Sep 16 j 21:26	0°♋	
morning set	-10288 Oct 04 j 05:09	21°♋40'26	
	-10288 Oct 10 j 21:32	0°♌	
	-10288 Nov 04 j 02:17	0°♍	
desc. node	-10288 Nov 06 j 19:50	3°♍22'21	
superior conj	-10288 Nov 15 j 03:21	13°♍37'27	-0°18'38
minimum elong	-10288 Nov 14 j 22:53	13°♍23'41	0°18'12
max. Earth dist.	-10288 Nov 18 j 17:36	18°♍03'05	1.72992 AU
	-10288 Nov 28 j 10:37	0°♎	
	-10288 Dec 22 j 20:50	0°♏	
evening rise	-10288 Dec 24 j 07:47	1°♏47'13	
	-10287 Jan 16 j 08:14	0°♐	
	-10287 Feb 09 j 21:49	0°♑	
asc. node	-10287 Feb 26 j 09:02	19°♑59'40	
	-10287 Mar 06 j 15:44	0°♒	
	-10287 Mar 31 j 16:31	0°♓	
	-10287 Apr 26 j 03:24	0°♈	
	-10287 May 22 j 07:53	0°♉	
	-10287 Jun 19 j 06:20	0°♊	
desc. node	-10287 Jun 19 j 13:48	0°♊18'50	
evening max el	-10287 Jun 20 j 11:57	1°♊14'33	47°37'57
	-10287 Jul 25 j 13:46	0°♋	
greatest brilliancy	-10287 Aug 01 j 04:01	2°♋54'06	-4.9m
retrograde	-10287 Aug 10 j 09:38	4°♋32'23	
	-10287 Aug 25 j 11:27	30°℞♊	
evening set	-10287 Aug 27 j 15:50	28°♊43'51	
min. Earth dist.	-10287 Aug 30 j 16:28	26°♊52'06	0.26804 AU
inferior conj	-10287 Aug 31 j 03:27	26°♊34'57	-7°55'05
minimum elong	-10287 Aug 31 j 11:54	26°♊21'47	7°53'17
morning rise	-10287 Sep 04 j 08:10	24°♊01'33	
direct	-10287 Sep 20 j 08:03	18°♊55'21	
greatest brilliancy	-10287 Sep 30 j 01:08	20°♊43'54	-4.9m
asc. node	-10287 Oct 09 j 08:07	25°♊17'21	
	-10287 Oct 16 j 06:38	0°♋	
morning max el	-10287 Nov 09 j 04:48	21°♋14'55	46°18'15
	-10287 Nov 17 j 19:02	0°♌	
	-10287 Dec 15 j 10:47	0°♍	
	-10286 Jan 10 j 20:26	0°♎	
desc. node	-10286 Jan 30 j 09:57	22°♎43'05	
	-10286 Feb 05 j 14:53	0°♏	
	-10286 Mar 02 j 21:11	0°♐	
	-10286 Mar 27 j 16:18	0°♑	
	-10286 Apr 21 j 01:45	0°♒	
morning set	-10286 May 05 j 12:01	17°♒55'57	
	-10286 May 15 j 03:44	0°♓	
asc. node	-10286 May 21 j 20:51	8°♓24'56	
	-10286 Jun 08 j 00:43	0°♈	
max. Earth dist.	-10286 Jun 08 j 22:30	1°♈08'38	1.71169 AU
superior conj	-10286 Jun 11 j 11:08	4°♈19'47	0°45'31
minimum elong	-10286 Jun 11 j 02:37	3°♈52'56	0°45'10
	-10286 Jul 01 j 19:18	0°♉	
evening rise	-10286 Jul 20 j 13:52	23°♉41'25	
	-10286 Jul 25 j 14:06	0°♊	
	-10286 Aug 18 j 11:34	0°♋	
desc. node	-10286 Sep 11 j 20:27	0°♌21'13	
	-10286 Sep 11 j 13:37	0°♌	
	-10286 Oct 05 j 21:27	0°♍	
	-10286 Oct 30 j 12:45	0°♎	
	-10286 Nov 24 j 15:59	0°♏	
	-10286 Dec 20 j 18:34	0°♐	
asc. node	-10285 Jan 01 j 13:20	12°♐53'47	
	-10285 Jan 18 j 03:31	0°♑	
evening max el	-10285 Jan 22 j 16:59	4°♑24'20	44°52'47
	-10285 Feb 26 j 01:42	0°♒	
greatest brilliancy	-10285 Mar 01 j 11:37	1°♒20'28	-4.7m
retrograde	-10285 Mar 11 j 16:42	3°♒11'07	
	-10285 Mar 24 j 15:05	30°℞♑	
evening set	-10285 Mar 27 j 15:11	28°♑27'42	
inferior conj	-10285 Apr 01 j 22:58	25°♑20'44	4°55'54
minimum elong	-10285 Apr 02 j 07:47	25°♑07'23	4°53'21
min. Earth dist.	-10285 Apr 03 j 06:07	24°♑33'33	0.28377 AU
morning rise	-10285 Apr 07 j 23:26	21°♑48'29	
direct	-10285 Apr 23 j 15:45	17°♑09'19	
desc. node	-10285 Apr 24 j 19:22	17°♑10'51	
greatest brilliancy	-10285 May 05 j 08:55	19°♑36'26	-4.8m
	-10285 May 22 j 15:41	0°♒	
morning max el	-10285 Jun 12 j 19:24	18°♒57'12	46°34'01
	-10285 Jun 23 j 11:57	0°♓	
	-10285 Jul 20 j 04:39	0°♈	
asc. node	-10285 Aug 14 j 10:44	0°♉13'06	
	-10285 Aug 14 j 06:26	0°♉	
	-10285 Sep 07 j 16:10	0°♊	
	-10285 Oct 01 j 21:09	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10285 Oct 26 j 03:33	0°♌	
	-10285 Nov 19 j 13:35	0°♍	
desc. node	-10285 Dec 05 j 09:15	19°♍21'23	
	-10285 Dec 14 j 02:21	0°♎	
morning set	-10285 Dec 19 j 04:55	6°♎14'20	
	-10284 Jan 07 j 15:29	0°♏	
max. Earth dist.	-10284 Jan 23 j 16:09	19°♏37'42	1.73814 AU
superior conj	-10284 Jan 25 j 22:00	22°♏22'48	-1°20'13
minimum elong	-10284 Jan 25 j 19:44	22°♏15'52	1°20'38
	-10284 Feb 01 j 03:03	0°♐	
	-10284 Feb 25 j 12:37	0°♑	
evening rise	-10284 Mar 01 j 09:47	6°♑00'41	
	-10284 Mar 20 j 21:04	0°♒	
asc. node	-10284 Mar 25 j 21:05	6°♒09'47	
	-10284 Apr 14 j 05:40	0°♓	
	-10284 May 08 j 15:34	0°♈	
	-10284 Jun 02 j 04:20	0°♉	
	-10284 Jun 26 j 23:07	0°♊	
desc. node	-10284 Jul 17 j 00:06	23°♊50'04	
	-10284 Jul 22 j 06:25	0°♋	
	-10284 Aug 17 j 17:38	0°♌	
evening max el	-10284 Aug 31 j 00:08	14°♌03'19	47°25'26
	-10284 Sep 16 j 17:07	0°♍	
greatest brilliancy	-10284 Oct 10 j 10:16	15°♍52'01	-4.9m
retrograde	-10284 Oct 21 j 03:09	18°♍04'40	
evening set	-10284 Nov 04 j 22:57	13°♍32'22	
asc. node	-10284 Nov 05 j 18:59	13°♍03'20	
min. Earth dist.	-10284 Nov 10 j 10:16	10°♍09'46	0.28211 AU
inferior conj	-10284 Nov 11 j 03:37	9°♍41'51	1°16'11
minimum elong	-10284 Nov 11 j 00:59	9°♍46'04	1°15'40
morning rise	-10284 Nov 17 j 03:59	5°♍59'30	
direct	-10284 Dec 02 j 02:31	1°♍30'13	
greatest brilliancy	-10284 Dec 11 j 01:16	3°♍00'26	-4.8m
	-10283 Jan 18 j 08:12	0°♎	
morning max el	-10283 Jan 19 j 22:28	1°♎30'16	45°58'13
	-10283 Feb 16 j 20:11	0°♏	
desc. node	-10283 Feb 26 j 22:39	11°♏01'23	
	-10283 Mar 15 j 19:25	0°♐	
	-10283 Apr 10 j 12:35	0°♑	
	-10283 May 05 j 10:04	0°♒	
	-10283 May 29 j 17:51	0°♓	
asc. node	-10283 Jun 18 j 10:16	24°♓38'16	
	-10283 Jun 22 j 16:32	0°♈	
greatest brilliancy	-10283 Jun 28 j 16:57	7°♈35'18	-3.9m
morning set	-10283 Jul 15 j 23:06	29°♈24'41	
	-10283 Jul 16 j 10:15	0°♉	
	-10283 Aug 09 j 02:55	0°♊	
superior conj	-10283 Aug 26 j 02:20	21°♊25'46	1°18'01
minimum elong	-10283 Aug 26 j 10:06	21°♊50'12	1°18'28
max. Earth dist.	-10283 Sep 01 j 14:00	29°♊35'35	1.71051 AU
	-10283 Sep 01 j 21:46	0°♋	
	-10283 Sep 25 j 20:50	0°♌	
evening rise	-10283 Oct 08 j 12:48	15°♌45'32	
desc. node	-10283 Oct 09 j 08:56	16°♌48'02	
	-10283 Oct 20 j 00:38	0°♍	
	-10283 Nov 13 j 08:47	0°♎	
	-10283 Dec 07 j 21:23	0°♏	
	-10282 Jan 01 j 16:28	0°♐	
	-10282 Jan 26 j 22:52	0°♑	
asc. node	-10282 Jan 28 j 24:00	2°♑23'45	
	-10282 Feb 22 j 01:05	0°♒	
	-10282 Mar 21 j 16:40	0°♓	
evening max el	-10282 Apr 05 j 08:30	14°♓39'11	45°53'51
	-10282 Apr 22 j 18:08	0°♈	
greatest brilliancy	-10282 May 14 j 21:57	13°♈14'17	-4.8m
desc. node	-10282 May 22 j 05:50	14°♈51'17	
retrograde	-10282 May 24 j 18:15	14°♈58'27	
evening set	-10282 Jun 08 j 17:06	10°♈45'05	
inferior conj	-10282 Jun 14 j 13:01	7°♈25'07	-5°20'48
minimum elong	-10282 Jun 14 j 03:00	7°♈40'00	5°18'19
min. Earth dist.	-10282 Jun 14 j 09:51	7°♈29'49	0.26623 AU
morning rise	-10282 Jun 19 j 12:41	4°♈32'25	
	-10282 Jul 02 j 17:20	30°℞♓	
direct	-10282 Jul 05 j 04:17	29°♓52'46	
	-10282 Jul 07 j 15:43	0°♈	
greatest brilliancy	-10282 Jul 15 j 22:55	2°♈02'56	-4.9m
	-10282 Aug 21 j 16:05	0°♉	
morning max el	-10282 Aug 24 j 19:37	3°♉11'02	46°42'18
asc. node	-10282 Sep 10 j 23:02	21°♉33'23	
	-10282 Sep 18 j 11:04	0°♊	
	-10282 Oct 14 j 05:13	0°♋	
	-10282 Nov 08 j 09:00	0°♌	
	-10282 Dec 03 j 09:29	0°♍	
	-10282 Dec 28 j 09:06	0°♎	
desc. node	-10281 Jan 01 j 22:48	5°♎29'48	
	-10281 Jan 22 j 06:23	0°♏	
	-10281 Feb 15 j 23:10	0°♐	
morning set	-10281 Feb 25 j 20:26	12°♐05'20	
	-10281 Mar 12 j 10:24	0°♑	
max. Earth dist.	-10281 Mar 28 j 12:43	19°♑52'55	1.72952 AU
superior conj	-10281 Apr 01 j 23:15	25°♑22'53	-0°46'38
minimum elong	-10281 Apr 02 j 06:34	25°♑45'34	0°46'54
	-10281 Apr 05 j 16:37	0°♒	
asc. node	-10281 Apr 23 j 09:48	22°♒02'06	
	-10281 Apr 29 j 19:09	0°♓	
evening rise	-10281 May 07 j 13:29	9°♓41'15	
	-10281 May 23 j 19:38	0°♈	
	-10281 Jun 16 j 19:44	0°♉	
	-10281 Jul 10 j 21:28	0°♊	
	-10281 Aug 04 j 03:18	0°♋	
desc. node	-10281 Aug 14 j 11:03	12°♋40'19	
	-10281 Aug 28 j 16:28	0°♌	
	-10281 Sep 22 j 18:08	0°♍	
	-10281 Oct 18 j 20:25	0°♎	
evening max el	-10281 Nov 10 j 12:01	24°♎01'08	45°43'20
	-10281 Nov 16 j 15:58	0°♏	
asc. node	-10281 Dec 04 j 05:19	14°♏48'10	
greatest brilliancy	-10281 Dec 18 j 11:08	22°♏55'30	-4.7m
retrograde	-10281 Dec 29 j 14:59	25°♏12'57	
evening set	-10280 Jan 15 j 20:05	19°♏31'03	
inferior conj	-10280 Jan 20 j 02:00	16°♏51'14	7°48'25
minimum elong	-10280 Jan 19 j 21:27	16°♏58'31	7°47'43
min. Earth dist.	-10280 Jan 20 j 05:30	16°♏45'38	0.29606 AU
morning rise	-10280 Jan 23 j 22:50	14°♏24'43	
direct	-10280 Feb 10 j 23:47	8°♏18'11	
greatest brilliancy	-10280 Feb 20 j 17:42	10°♏00'00	-4.7m
	-10280 Mar 22 j 04:02	0°♐	
desc. node	-10280 Mar 26 j 10:28	3°♐50'24	
morning max el	-10280 Mar 31 j 00:03	8°♐07'25	46°06'05
	-10280 Apr 21 j 10:03	0°♑	
	-10280 May 18 j 03:02	0°♒	
	-10280 Jun 12 j 08:20	0°♓	
	-10280 Jul 06 j 18:12	0°♈	
asc. node	-10280 Jul 15 j 23:52	11°♈30'42	
	-10280 Jul 30 j 17:34	0°♉	
	-10280 Aug 23 j 12:52	0°♊	
	-10280 Sep 16 j 08:58	0°♋	
morning set	-10280 Oct 01 j 14:52	19°♋05'13	
	-10280 Oct 10 j 08:56	0°♌	
	-10280 Nov 03 j 13:34	0°♍	
desc. node	-10280 Nov 05 j 21:52	2°♍53'51	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10280 Nov 12 j 15:22	11°♍11'59	-0°15'08
minimum elong	-10280 Nov 12 j 11:41	11°♍00'39	0°14'43
behind sun begin	-10280 Nov 12 j 00:57	10°♍27'34	
behind sun end	-10280 Nov 12 j 22:25	11°♍33'44	
max. Earth dist.	-10280 Nov 16 j 10:32	15°♍52'53	1.72930 AU
	-10280 Nov 27 j 21:48	0°♎	
evening rise	-10280 Dec 22 j 00:22	29°♎36'43	
	-10280 Dec 22 j 07:58	0°♏	
	-10279 Jan 15 j 19:26	0°♐	
	-10279 Feb 09 j 09:17	0°♑	
asc. node	-10279 Feb 25 j 11:22	19°♑30'59	
	-10279 Mar 06 j 03:46	0°♒	
	-10279 Mar 31 j 05:27	0°♓	
	-10279 Apr 25 j 17:48	0°♈	
	-10279 May 22 j 00:59	0°♉	
evening max el	-10279 Jun 18 j 00:28	28°♉45'58	47°35'48
desc. node	-10279 Jun 18 j 16:01	29°♉24'49	
	-10279 Jun 19 j 06:08	0°♊	
	-10279 Jul 28 j 13:45	0°♋	
greatest brilliancy	-10279 Jul 29 j 17:48	0°♋25'12	-4.9m
retrograde	-10279 Aug 07 j 22:28	2°♋02'55	
	-10279 Aug 17 j 21:34	30°℞♊	
evening set	-10279 Aug 25 j 07:35	26°♊10'41	
min. Earth dist.	-10279 Aug 28 j 05:32	24°♊23'21	0.26778 AU
inferior conj	-10279 Aug 28 j 16:25	24°♊06'26	-8°05'30
minimum elong	-10279 Aug 29 j 00:20	23°♊54'08	8°03'53
morning rise	-10279 Sep 01 j 17:15	21°♊39'03	
direct	-10279 Sep 17 j 20:15	16°♊27'22	
greatest brilliancy	-10279 Sep 27 j 14:56	18°♊17'19	-4.9m
asc. node	-10279 Oct 08 j 10:26	23°♊48'30	
	-10279 Oct 17 j 00:05	0°♋	
morning max el	-10279 Nov 06 j 18:47	18°♋52'23	46°19'20
	-10279 Nov 17 j 15:07	0°♌	
	-10279 Dec 15 j 02:14	0°♍	
	-10278 Jan 10 j 09:50	0°♎	
desc. node	-10278 Jan 29 j 12:09	22°♎12'59	
	-10278 Feb 05 j 03:10	0°♏	
	-10278 Mar 02 j 08:48	0°♐	
	-10278 Mar 27 j 03:34	0°♑	
	-10278 Apr 20 j 12:51	0°♒	
morning set	-10278 May 03 j 06:08	15°♒48'15	
	-10278 May 14 j 14:49	0°♓	
asc. node	-10278 May 20 j 22:55	7°♓56'38	
max. Earth dist.	-10278 Jun 06 j 10:48	28°♓41'00	1.71220 AU
	-10278 Jun 07 j 11:53	0°♈	
superior conj	-10278 Jun 09 j 02:11	2°♈00'42	0°42'37
minimum elong	-10278 Jun 08 j 18:06	1°♈35'13	0°42'14
	-10278 Jul 01 j 06:33	0°♉	
evening rise	-10278 Jul 18 j 00:39	21°♉08'23	
	-10278 Jul 25 j 01:28	0°♊	
	-10278 Aug 17 j 23:04	0°♋	
desc. node	-10278 Sep 10 j 22:41	29°♋51'56	
	-10278 Sep 11 j 01:17	0°♌	
	-10278 Oct 05 j 09:22	0°♍	
	-10278 Oct 30 j 01:06	0°♎	
	-10278 Nov 24 j 05:13	0°♏	
	-10278 Dec 20 j 09:51	0°♐	
asc. node	-10278 Dec 31 j 15:40	12°♐14'41	
	-10277 Jan 18 j 00:49	0°♑	
evening max el	-10277 Jan 20 j 08:56	2°♑14'30	44°52'44
greatest brilliancy	-10277 Feb 27 j 01:13	29°♑08'29	-4.7m
	-10277 Mar 01 j 20:54	0°♒	
retrograde	-10277 Mar 09 j 08:04	1°♒00'17	
	-10277 Mar 16 j 12:54	30°℞♑	
evening set	-10277 Mar 25 j 08:48	26°♑12'53	
inferior conj	-10277 Mar 30 j 14:12	23°♑08'38	5°11'09
minimum elong	-10277 Mar 30 j 23:10	22°♑55'00	5°08'38
min. Earth dist.	-10277 Mar 31 j 21:03	22°♑21'47	0.28454 AU
morning rise	-10277 Apr 05 j 12:42	19°♑38'51	
direct	-10277 Apr 21 j 08:19	14°♑55'55	
desc. node	-10277 Apr 23 j 21:25	15°♑03'22	
greatest brilliancy	-10277 May 02 j 23:36	17°♑21'36	-4.8m
	-10277 May 23 j 03:53	0°♒	
morning max el	-10277 Jun 10 j 11:40	16°♒42'19	46°33'01
	-10277 Jun 23 j 06:56	0°♓	
	-10277 Jul 19 j 19:46	0°♈	
asc. node	-10277 Aug 13 j 13:01	29°♈39'00	
	-10277 Aug 13 j 19:54	0°♉	
	-10277 Sep 07 j 04:46	0°♊	
	-10277 Oct 01 j 09:12	0°♋	
	-10277 Oct 25 j 15:13	0°♌	
	-10277 Nov 19 j 00:56	0°♍	
desc. node	-10277 Dec 04 j 11:21	18°♍53'38	
	-10277 Dec 13 j 13:27	0°♎	
morning set	-10277 Dec 16 j 19:40	3°♎58'57	
	-10276 Jan 07 j 02:24	0°♏	
max. Earth dist.	-10276 Jan 21 j 15:34	17°♏49'00	1.73814 AU
superior conj	-10276 Jan 23 j 16:25	20°♏18'46	-1°19'47
minimum elong	-10276 Jan 23 j 13:33	20°♏09'58	1°20'09
	-10276 Jan 31 j 13:53	0°♐	
	-10276 Feb 24 j 23:30	0°♑	
evening rise	-10276 Feb 28 j 05:42	4°♑00'43	
	-10276 Mar 20 j 08:07	0°♒	
asc. node	-10276 Mar 24 j 23:19	5°♒42'29	
	-10276 Apr 13 j 17:01	0°♓	
	-10276 May 08 j 03:24	0°♈	
	-10276 Jun 01 j 16:51	0°♉	
	-10276 Jun 26 j 12:37	0°♊	
desc. node	-10276 Jul 16 j 02:22	23°♊13'32	
	-10276 Jul 21 j 21:34	0°♋	
	-10276 Aug 17 j 12:18	0°♌	
evening max el	-10276 Aug 28 j 17:14	11°♌48'35	47°28'10
	-10276 Sep 17 j 01:23	0°♍	
greatest brilliancy	-10276 Oct 08 j 03:53	13°♍37'13	-4.9m
retrograde	-10276 Oct 18 j 20:06	15°♍48'44	
evening set	-10276 Nov 02 j 15:27	11°♍16'46	
asc. node	-10276 Nov 04 j 21:06	9°♍56'57	
min. Earth dist.	-10276 Nov 08 j 02:13	7°♍54'45	0.28142 AU
inferior conj	-10276 Nov 08 j 19:44	7°♍26'31	0°56'15
minimum elong	-10276 Nov 08 j 17:47	7°♍29'39	0°55'56
morning rise	-10276 Nov 14 j 21:11	3°♍42'54	
	-10276 Nov 23 j 19:40	30°℞♌	
direct	-10276 Nov 29 j 18:18	29°♌16'20	
	-10276 Dec 05 j 21:39	0°♍	
greatest brilliancy	-10276 Dec 08 j 16:13	0°♍46'10	-4.8m
morning max el	-10275 Jan 17 j 14:30	29°♍20'32	45°58'23
	-10275 Jan 18 j 07:05	0°♎	
	-10275 Feb 16 j 12:01	0°♏	
desc. node	-10275 Feb 26 j 00:51	10°♏26'45	
	-10275 Mar 15 j 08:48	0°♐	
	-10275 Apr 10 j 00:48	0°♑	
	-10275 May 04 j 21:41	0°♒	
	-10275 May 29 j 05:08	0°♓	
asc. node	-10275 Jun 17 j 12:33	24°♓10'21	
	-10275 Jun 22 j 03:40	0°♈	
greatest brilliancy	-10275 Jun 28 j 05:59	7°♈41'15	-3.9m
morning set	-10275 Jul 13 j 11:06	26°♈55'31	
	-10275 Jul 15 j 21:23	0°♉	
	-10275 Aug 08 j 14:05	0°♊	
superior conj	-10275 Aug 23 j 11:09	18°♊47'07	1°19'19
minimum elong	-10275 Aug 23 j 17:59	19°♊08'38	1°19'47

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10275 Aug 29 j 19:28	26°♊46'35	1.71004 AU
	-10275 Sep 01 j 08:59	0°♋	
	-10275 Sep 25 j 08:03	0°♌	
evening rise	-10275 Oct 05 j 20:56	13°♌06'55	
desc. node	-10275 Oct 08 j 10:59	16°♌19'34	
	-10275 Oct 19 j 11:51	0°♍	
	-10275 Nov 12 j 20:04	0°♎	
	-10275 Dec 07 j 08:52	0°♏	
	-10274 Jan 01 j 04:24	0°♐	
	-10274 Jan 26 j 11:45	0°♑	
asc. node	-10274 Jan 28 j 02:19	1°♑52'38	
	-10274 Feb 21 j 15:54	0°♒	
	-10274 Mar 21 j 12:04	0°♓	
evening max el	-10274 Apr 02 j 21:42	12°♓18'35	45°50'18
	-10274 Apr 23 j 09:12	0°♈	
greatest brilliancy	-10274 May 12 j 10:07	10°♈48'58	-4.8m
desc. node	-10274 May 21 j 08:04	12°♈31'30	
retrograde	-10274 May 22 j 05:28	12°♈32'24	
evening set	-10274 Jun 06 j 02:33	8°♈22'50	
inferior conj	-10274 Jun 12 j 01:10	4°♈59'38	-5°01'28
minimum elong	-10274 Jun 11 j 15:28	5°♈14'03	4°59'00
min. Earth dist.	-10274 Jun 11 j 23:40	5°♈01'52	0.26648 AU
morning rise	-10274 Jun 17 j 04:02	2°♈02'18	
	-10274 Jun 21 j 07:15	30°♓℞	
direct	-10274 Jul 02 j 16:39	27°♓26'31	
greatest brilliancy	-10274 Jul 13 j 13:36	29°♓38'05	-4.9m
	-10274 Jul 14 j 11:28	0°♈	
	-10274 Aug 21 j 15:40	0°♉	
morning max el	-10274 Aug 22 j 07:15	0°♉39'43	46°42'34
asc. node	-10274 Sep 10 j 01:18	20°♉49'39	
	-10274 Sep 18 j 03:47	0°♊	
	-10274 Oct 13 j 19:26	0°♋	
	-10274 Nov 07 j 21:55	0°♌	
	-10274 Dec 02 j 21:36	0°♍	
	-10274 Dec 27 j 20:39	0°♎	
desc. node	-10273 Jan 01 j 01:04	5°♎02'07	
	-10273 Jan 21 j 17:32	0°♏	
	-10273 Feb 15 j 10:04	0°♐	
morning set	-10273 Feb 23 j 15:32	10°♐03'39	
	-10273 Mar 11 j 21:11	0°♑	
max. Earth dist.	-10273 Mar 26 j 08:07	17°♑51'06	1.73007 AU
superior conj	-10273 Mar 30 j 18:51	23°♑21'31	-0°49'01
minimum elong	-10273 Mar 31 j 02:20	23°♑44'42	0°49'17
	-10273 Apr 05 j 03:24	0°♒	
asc. node	-10273 Apr 22 j 11:54	21°♒34'45	
	-10273 Apr 29 j 06:04	0°♓	
evening rise	-10273 May 05 j 07:52	7°♓34'35	
	-10273 May 23 j 06:45	0°♈	
	-10273 Jun 16 j 07:07	0°♉	
	-10273 Jul 10 j 09:09	0°♊	
	-10273 Aug 03 j 15:24	0°♋	
desc. node	-10273 Aug 13 j 13:17	12°♋09'23	
	-10273 Aug 28 j 05:12	0°♌	
	-10273 Sep 22 j 07:59	0°♍	
	-10273 Oct 18 j 12:45	0°♎	
evening max el	-10273 Nov 08 j 02:59	21°♎45'56	45°46'36
	-10273 Nov 16 j 16:29	0°♏	
asc. node	-10273 Dec 03 j 07:43	13°♏39'21	
greatest brilliancy	-10273 Dec 16 j 04:21	20°♏48'58	-4.7m
retrograde	-10273 Dec 27 j 08:31	23°♏07'31	
evening set	-10272 Jan 13 j 11:38	17°♏27'54	
inferior conj	-10272 Jan 17 j 19:34	14°♏45'08	7°43'34
minimum elong	-10272 Jan 17 j 14:29	14°♏53'17	7°42'46
min. Earth dist.	-10272 Jan 17 j 22:00	14°♏41'15	0.29596 AU
morning rise	-10272 Jan 21 j 17:19	12°♏17'10	
direct	-10272 Feb 08 j 16:16	6°♏12'02	
greatest brilliancy	-10272 Feb 18 j 09:53	7°♏53'26	-4.7m
	-10272 Mar 22 j 05:52	0°♐	
desc. node	-10272 Mar 25 j 12:34	3°♐00'10	
morning max el	-10272 Mar 28 j 16:14	5°♐58'26	46°05'24
	-10272 Apr 21 j 02:35	0°♑	
	-10272 May 17 j 16:50	0°♒	
	-10272 Jun 11 j 20:55	0°♓	
	-10272 Jul 06 j 06:10	0°♈	
asc. node	-10272 Jul 15 j 02:05	11°♈00'46	
	-10272 Jul 30 j 05:11	0°♉	
	-10272 Aug 23 j 00:16	0°♊	
	-10272 Sep 15 j 20:12	0°♋	
morning set	-10272 Sep 29 j 00:50	16°♋31'31	
	-10272 Oct 09 j 20:04	0°♌	
	-10272 Nov 03 j 00:37	0°♍	
desc. node	-10272 Nov 04 j 23:59	2°♍26'19	
superior conj	-10272 Nov 10 j 03:14	8°♍46'38	-0°11'35
minimum elong	-10272 Nov 10 j 00:23	8°♍37'53	0°11'11
behind sun begin	-10272 Nov 09 j 05:23	7°♍39'16	
behind sun end	-10272 Nov 10 j 19:24	9°♍36'30	
max. Earth dist.	-10272 Nov 14 j 01:24	13°♍36'57	1.72874 AU
	-10272 Nov 27 j 08:47	0°♎	
evening rise	-10272 Dec 19 j 16:40	27°♎25'48	
	-10272 Dec 21 j 18:56	0°♏	
	-10271 Jan 15 j 06:29	0°♐	
	-10271 Feb 08 j 20:37	0°♑	
asc. node	-10271 Feb 24 j 13:34	19°♑02'26	
	-10271 Mar 05 j 15:38	0°♒	
	-10271 Mar 30 j 18:15	0°♓	
	-10271 Apr 25 j 08:09	0°♈	
	-10271 May 21 j 18:10	0°♉	
evening max el	-10271 Jun 15 j 14:01	26°♉20'41	47°33'32
desc. node	-10271 Jun 17 j 18:22	28°♉30'42	
	-10271 Jun 19 j 06:47	0°♊	
greatest brilliancy	-10271 Jul 27 j 06:57	27°♊56'11	-4.9m
retrograde	-10271 Aug 05 j 11:44	29°♊34'03	
evening set	-10271 Aug 22 j 23:06	23°♊38'14	
inferior conj	-10271 Aug 26 j 05:19	21°♊38'23	-8°14'57
minimum elong	-10271 Aug 26 j 12:41	21°♊27'00	8°13'30
min. Earth dist.	-10271 Aug 25 j 18:14	21°♊55'33	0.26753 AU
morning rise	-10271 Aug 30 j 02:23	19°♊17'04	
direct	-10271 Sep 15 j 09:01	13°♊59'57	
greatest brilliancy	-10271 Sep 25 j 04:11	15°♊50'47	-4.9m
asc. node	-10271 Oct 07 j 12:32	22°♊23'09	
	-10271 Oct 17 j 12:49	0°♋	
morning max el	-10271 Nov 04 j 09:33	16°♋32'24	46°20'23
	-10271 Nov 17 j 10:23	0°♌	
	-10271 Dec 14 j 17:18	0°♍	
	-10270 Jan 09 j 23:02	0°♎	
desc. node	-10270 Jan 28 j 14:16	21°♎42'55	
	-10270 Feb 04 j 15:20	0°♏	
	-10270 Mar 01 j 20:21	0°♐	
	-10270 Mar 26 j 14:44	0°♑	
	-10270 Apr 19 j 23:52	0°♒	
morning set	-10270 May 01 j 00:19	13°♒41'15	
	-10270 May 14 j 01:48	0°♓	
asc. node	-10270 May 20 j 01:10	7°♓29'14	
max. Earth dist.	-10270 Jun 03 j 22:14	26°♓11'05	1.71272 AU
superior conj	-10270 Jun 06 j 17:25	29°♓42'39	0°39'39
minimum elong	-10270 Jun 06 j 09:48	29°♓18'39	0°39'16
	-10270 Jun 06 j 22:56	0°♈	
	-10270 Jun 30 j 17:43	0°♉	
evening rise	-10270 Jul 15 j 11:43	18°♉36'28	
	-10270 Jul 24 j 12:47	0°♊	
	-10270 Aug 17 j 10:33	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10270 Sep 10 j 00:47	29°♋22'22	
	-10270 Sep 10 j 12:56	0°♌	
	-10270 Oct 04 j 21:15	0°♍	
	-10270 Oct 29 j 13:24	0°♎	
	-10270 Nov 23 j 18:28	0°♏	
	-10270 Dec 20 j 01:19	0°♐	
asc. node	-10270 Dec 30 j 17:58	11°♐35'06	
	-10269 Jan 17 j 22:58	0°♑	
evening max el	-10269 Jan 18 j 01:10	0°♑05'14	44°52'36
greatest brilliancy	-10269 Feb 24 j 15:26	26°♑57'05	-4.7m
retrograde	-10269 Mar 06 j 23:05	28°♑49'16	
evening set	-10269 Mar 23 j 02:31	23°♑58'07	
inferior conj	-10269 Mar 28 j 05:28	20°♑56'33	5°25'57
minimum elong	-10269 Mar 28 j 14:32	20°♑42'44	5°23'29
min. Earth dist.	-10269 Mar 29 j 12:05	20°♑09'55	0.28527 AU
morning rise	-10269 Apr 03 j 01:49	17°♑29'14	
direct	-10269 Apr 19 j 00:52	12°♑42'41	
desc. node	-10269 Apr 22 j 23:39	13°♑00'27	
greatest brilliancy	-10269 Apr 30 j 14:05	15°♑06'24	-4.8m
	-10269 May 23 j 13:03	0°♒	
morning max el	-10269 Jun 08 j 03:04	14°♒25'22	46°32'02
	-10269 Jun 23 j 01:28	0°♓	
	-10269 Jul 19 j 10:40	0°♈	
asc. node	-10269 Aug 12 j 15:08	29°♈04'40	
	-10269 Aug 13 j 09:16	0°♉	
	-10269 Sep 06 j 17:19	0°♊	
	-10269 Sep 30 j 21:16	0°♋	
	-10269 Oct 25 j 02:55	0°♌	
	-10269 Nov 18 j 12:20	0°♍	
desc. node	-10269 Dec 03 j 13:37	18°♍26'10	
	-10269 Dec 13 j 00:36	0°♎	
morning set	-10269 Dec 14 j 10:31	1°♎43'39	
	-10268 Jan 06 j 13:23	0°♏	
max. Earth dist.	-10268 Jan 19 j 15:04	16°♏00'22	1.73813 AU
superior conj	-10268 Jan 21 j 10:49	18°♏14'28	-1°19'13
minimum elong	-10268 Jan 21 j 07:21	18°♏03'49	1°19'35
	-10268 Jan 31 j 00:49	0°♐	
	-10268 Feb 24 j 10:30	0°♑	
evening rise	-10268 Feb 26 j 01:33	2°♑00'10	
	-10268 Mar 19 j 19:19	0°♒	
asc. node	-10268 Mar 24 j 01:26	5°♒14'20	
	-10268 Apr 13 j 04:33	0°♓	
	-10268 May 07 j 15:25	0°♈	
	-10268 Jun 01 j 05:34	0°♉	
	-10268 Jun 26 j 02:21	0°♊	
desc. node	-10268 Jul 15 j 04:34	22°♊36'16	
	-10268 Jul 21 j 13:02	0°♋	
	-10268 Aug 17 j 07:35	0°♌	
evening max el	-10268 Aug 26 j 09:36	9°♌31'22	47°30'40
	-10268 Sep 17 j 12:51	0°♍	
greatest brilliancy	-10268 Oct 05 j 21:56	11°♍22'00	-4.9m
retrograde	-10268 Oct 16 j 12:28	13°♍31'33	
evening set	-10268 Oct 31 j 07:58	8°♍59'53	
asc. node	-10268 Nov 03 j 23:30	6°♍46'56	
inferior conj	-10268 Nov 06 j 11:44	5°♍10'10	0°35'56
minimum elong	-10268 Nov 06 j 10:29	5°♍12'11	0°35'52
min. Earth dist.	-10268 Nov 05 j 18:26	5°♍38'05	0.28074 AU
morning rise	-10268 Nov 12 j 14:04	1°♍25'14	
	-10268 Nov 15 j 07:30	30°℞♌	
direct	-10268 Nov 27 j 09:38	27°♌01'24	
greatest brilliancy	-10268 Dec 06 j 07:35	28°♌31'12	-4.8m
	-10268 Dec 10 j 04:50	0°♍	
morning max el	-10267 Jan 15 j 05:32	27°♍07'39	45°58'41
	-10267 Jan 18 j 05:17	0°♎	
	-10267 Feb 16 j 03:49	0°♏	
desc. node	-10267 Feb 25 j 02:57	9°♏51'35	
	-10267 Mar 14 j 22:16	0°♐	
	-10267 Apr 09 j 13:11	0°♑	
	-10267 May 04 j 09:31	0°♒	
	-10267 May 28 j 16:41	0°♓	
asc. node	-10267 Jun 16 j 14:45	23°♓41'22	
	-10267 Jun 21 j 15:05	0°♈	
greatest brilliancy	-10267 Jun 27 j 19:28	7°♈47'50	-3.9m
morning set	-10267 Jul 10 j 23:01	24°♈25'20	
	-10267 Jul 15 j 08:45	0°♉	
	-10267 Aug 08 j 01:28	0°♊	
superior conj	-10267 Aug 20 j 20:00	16°♊07'53	1°20'26
minimum elong	-10267 Aug 21 j 01:50	16°♊26'15	1°20'55
max. Earth dist.	-10267 Aug 26 j 22:26	23°♊49'07	1.70957 AU
	-10267 Aug 31 j 20:22	0°♋	
	-10267 Sep 24 j 19:28	0°♌	
evening rise	-10267 Oct 03 j 04:53	10°♌26'53	
desc. node	-10267 Oct 07 j 13:09	15°♌50'45	
	-10267 Oct 18 j 23:18	0°♍	
	-10267 Nov 12 j 07:36	0°♎	
	-10267 Dec 06 j 20:37	0°♏	
	-10267 Dec 31 j 16:37	0°♐	
	-10266 Jan 26 j 00:56	0°♑	
asc. node	-10266 Jan 27 j 04:33	1°♑20'28	
	-10266 Feb 21 j 07:09	0°♒	
	-10266 Mar 21 j 08:21	0°♓	
evening max el	-10266 Mar 31 j 09:58	9°♓55'04	45°46'41
	-10266 Apr 24 j 05:56	0°♈	
greatest brilliancy	-10266 May 09 j 21:52	8°♈21'58	-4.8m
retrograde	-10266 May 19 j 16:29	10°♈05'10	
desc. node	-10266 May 20 j 10:24	10°♈04'32	
evening set	-10266 Jun 03 j 11:59	5°♈58'35	
inferior conj	-10266 Jun 09 j 13:08	2°♈32'37	-4°41'20
minimum elong	-10266 Jun 09 j 03:49	2°♈46'26	4°38'56
min. Earth dist.	-10266 Jun 09 j 13:25	2°♈32'12	0.26680 AU
	-10266 Jun 13 j 22:00	30°℞♓	
morning rise	-10266 Jun 14 j 19:09	29°♓30'56	
direct	-10266 Jun 30 j 04:51	24°♓58'24	
greatest brilliancy	-10266 Jul 11 j 04:41	27°♓12'18	-4.9m
	-10266 Jul 17 j 02:27	0°♈	
morning max el	-10266 Aug 19 j 19:10	28°♈07'56	46°42'58
	-10266 Aug 21 j 14:46	0°♉	
asc. node	-10266 Sep 09 j 03:28	20°♉05'06	
	-10266 Sep 17 j 20:34	0°♊	
	-10266 Oct 13 j 09:48	0°♋	
	-10266 Nov 07 j 11:02	0°♌	
	-10266 Dec 02 j 09:57	0°♍	
	-10266 Dec 27 j 08:28	0°♎	
desc. node	-10266 Dec 31 j 03:04	4°♎32'48	
	-10265 Jan 21 j 04:59	0°♏	
	-10265 Feb 14 j 21:15	0°♐	
morning set	-10265 Feb 21 j 10:37	8°♐01'03	
	-10265 Mar 11 j 08:15	0°♑	
max. Earth dist.	-10265 Mar 24 j 05:40	15°♑55'07	1.73059 AU
superior conj	-10265 Mar 28 j 14:34	21°♑19'43	-0°51'19
minimum elong	-10265 Mar 28 j 22:11	21°♑43'16	0°51'35
	-10265 Apr 04 j 14:28	0°♒	
asc. node	-10265 Apr 21 j 14:13	21°♒07'14	
	-10265 Apr 28 j 17:16	0°♓	
evening rise	-10265 May 03 j 02:25	5°♓27'42	
	-10265 May 22 j 18:12	0°♈	
	-10265 Jun 15 j 18:52	0°♉	
	-10265 Jul 09 j 21:15	0°♊	
	-10265 Aug 03 j 03:57	0°♋	
desc. node	-10265 Aug 12 j 15:24	11°♋36'48	
	-10265 Aug 27 j 18:23	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10265 Sep 21 j 22:21	0°♍		
	-10265 Oct 18 j 05:46	0°♎		
evening max el	-10265 Nov 05 j 18:17	19°♎30'32	45°50'03	
	-10265 Nov 16 j 18:45	0°♏		
asc. node	-10265 Dec 02 j 10:00	12°♏27'20		
greatest brilliancy	-10265 Dec 13 j 21:02	18°♏40'40	-4.7m	
retrograde	-10265 Dec 25 j 02:25	21°♏00'52		
evening set	-10264 Jan 11 j 03:00	15°♏23'32		
inferior conj	-10264 Jan 15 j 13:03	12°♏37'40	7°38'00	
minimum elong	-10264 Jan 15 j 07:28	12°♏46'36	7°37'09	
min. Earth dist.	-10264 Jan 15 j 14:09	12°♏35'55	0.29582 AU	
morning rise	-10264 Jan 19 j 11:56	10°♏08'06		
direct	-10264 Feb 06 j 09:04	4°♏04'33		
greatest brilliancy	-10264 Feb 16 j 01:40	5°♏45'25	-4.7m	
	-10264 Mar 22 j 06:49	0°♐		
desc. node	-10264 Mar 24 j 14:45	2°♐10'07		
morning max el	-10264 Mar 26 j 09:12	3°♐50'37	46°04'50	
	-10264 Apr 20 j 19:09	0°♑		
	-10264 May 17 j 06:46	0°♒		
	-10264 Jun 11 j 09:42	0°♓		
	-10264 Jul 05 j 18:23	0°♈		
asc. node	-10264 Jul 14 j 04:11	10°♈29'36		
	-10264 Jul 29 j 17:07	0°♉		
	-10264 Aug 22 j 12:00	0°♊		
	-10264 Sep 15 j 07:49	0°♋		
morning set	-10264 Sep 26 j 10:21	13°♋55'01		
	-10264 Oct 09 j 07:34	0°♌		
	-10264 Nov 02 j 12:00	0°♍		
desc. node	-10264 Nov 04 j 02:15	1°♍58'09		
superior conj	-10264 Nov 07 j 14:29	6°♍18'17	-0°07'57	
minimum elong	-10264 Nov 07 j 12:32	6°♍12'16	0°07'35	
behind sun begin	-10264 Nov 06 j 13:11	5°♍00'09		
behind sun end	-10264 Nov 08 j 11:54	7°♍24'22		
max. Earth dist.	-10264 Nov 11 j 16:14	11°♍19'47	1.72814 AU	
	-10264 Nov 26 j 20:04	0°♎		
evening rise	-10264 Dec 17 j 08:41	25°♎13'08		
	-10264 Dec 21 j 06:12	0°♏		
	-10263 Jan 14 j 17:52	0°♐		
	-10263 Feb 08 j 08:17	0°♑		
asc. node	-10263 Feb 23 j 15:45	18°♑32'47		
	-10263 Mar 05 j 03:51	0°♒		
	-10263 Mar 30 j 07:25	0°♓		
	-10263 Apr 24 j 22:53	0°♈		
	-10263 May 21 j 11:56	0°♉		
evening max el	-10263 Jun 13 j 04:14	23°♉56'36	47°31'01	
desc. node	-10263 Jun 16 j 20:30	27°♉34'16		
	-10263 Jun 19 j 08:56	0°♊		
greatest brilliancy	-10263 Jul 24 j 19:10	25°♊25'06	-4.9m	
retrograde	-10263 Aug 03 j 01:02	27°♊03'37		
evening set	-10263 Aug 20 j 14:12	21°♊04'33		
inferior conj	-10263 Aug 23 j 18:00	19°♊08'38	-8°23'25	
minimum elong	-10263 Aug 24 j 00:43	18°♊58'15	8°22'08	
min. Earth dist.	-10263 Aug 23 j 06:24	19°♊26'31	0.26732 AU	
morning rise	-10263 Aug 27 j 11:22	16°♊53'13		
direct	-10263 Sep 12 j 22:08	11°♊31'01		
greatest brilliancy	-10263 Sep 22 j 16:54	13°♊22'01	-4.9m	
asc. node	-10263 Oct 06 j 14:55	20°♊59'45		
	-10263 Oct 17 j 22:53	0°♋		
morning max el	-10263 Nov 02 j 00:28	14°♋11'25	46°21'21	
	-10263 Nov 17 j 05:36	0°♌		
	-10263 Dec 14 j 08:32	0°♍		
	-10262 Jan 09 j 12:25	0°♎		
desc. node	-10262 Jan 27 j 16:23	21°♎12'13		
	-10262 Feb 04 j 03:41	0°♏		
	-10262 Mar 01 j 08:05	0°♐		
	-10262 Mar 26 j 02:08	0°♑		
	-10262 Apr 19 j 11:06	0°♒		
morning set	-10262 Apr 28 j 18:45	11°♒34'25		
	-10262 May 13 j 13:00	0°♓		
asc. node	-10262 May 19 j 03:23	7°♓01'04		
max. Earth dist.	-10262 Jun 01 j 08:19	23°♓36'32	1.71322 AU	
superior conj	-10262 Jun 04 j 09:08	27°♓25'42	0°36'40	
minimum elong	-10262 Jun 04 j 02:01	27°♓03'16	0°36'16	
	-10262 Jun 06 j 10:09	0°♈		
	-10262 Jun 30 j 05:02	0°♉		
evening rise	-10262 Jul 12 j 23:20	16°♉05'49		
	-10262 Jul 24 j 00:14	0°♊		
	-10262 Aug 16 j 22:11	0°♋		
desc. node	-10262 Sep 09 j 03:00	28°♋52'32		
	-10262 Sep 10 j 00:47	0°♌		
	-10262 Oct 04 j 09:22	0°♍		
	-10262 Oct 29 j 02:00	0°♎		
	-10262 Nov 23 j 08:04	0°♏		
	-10262 Dec 19 j 17:15	0°♐		
asc. node	-10262 Dec 29 j 20:09	10°♐54'13		
evening max el	-10261 Jan 15 j 16:42	27°♐53'41	44°52'39	
	-10261 Jan 17 j 22:17	0°♑		
greatest brilliancy	-10261 Feb 22 j 06:18	24°♑46'06	-4.7m	
retrograde	-10261 Mar 04 j 13:42	26°♑38'07		
evening set	-10261 Mar 20 j 20:21	21°♑43'10		
inferior conj	-10261 Mar 25 j 20:51	18°♑44'25	5°40'10	
minimum elong	-10261 Mar 26 j 05:57	18°♑30'30	5°37'44	
min. Earth dist.	-10261 Mar 27 j 03:24	17°♑57'42	0.28599 AU	
morning rise	-10261 Mar 31 j 14:51	15°♑19'35		
direct	-10261 Apr 16 j 17:00	10°♑29'19		
desc. node	-10261 Apr 22 j 01:59	11°♑01'46		
greatest brilliancy	-10261 Apr 28 j 04:51	12°♑51'14	-4.8m	
	-10261 May 23 j 19:55	0°♒		
morning max el	-10261 Jun 05 j 17:39	12°♒06'07	46°31'11	
	-10261 Jun 22 j 19:39	0°♓		
	-10261 Jul 19 j 01:27	0°♈		
asc. node	-10261 Aug 11 j 17:20	28°♈30'39		
	-10261 Aug 12 j 22:33	0°♉		
	-10261 Sep 06 j 05:50	0°♊		
	-10261 Sep 30 j 09:19	0°♋		
	-10261 Oct 24 j 14:39	0°♌		
	-10261 Nov 17 j 23:47	0°♍		
desc. node	-10261 Dec 02 j 15:37	17°♍57'42		
morning set	-10261 Dec 12 j 00:56	29°♍26'44		
	-10261 Dec 12 j 11:49	0°♎		
	-10260 Jan 06 j 00:26	0°♏		
max. Earth dist.	-10260 Jan 17 j 12:59	14°♏06'41	1.73807 AU	
superior conj	-10260 Jan 19 j 04:49	16°♏08'46	-1°18'32	
minimum elong	-10260 Jan 19 j 00:46	15°♏56'21	1°18'52	
	-10260 Jan 30 j 11:48	0°♐		
evening rise	-10260 Feb 23 j 21:06	29°♐58'40		
	-10260 Feb 23 j 21:32	0°♑		
greatest brilliancy	-10260 Feb 24 j 04:40	0°♑21'57	-3.9m	
	-10260 Mar 19 j 06:33	0°♒		
asc. node	-10260 Mar 23 j 03:44	4°♒46'42		
	-10260 Apr 12 j 16:08	0°♓		
	-10260 May 07 j 03:31	0°♈		
	-10260 May 31 j 18:22	0°♉		
	-10260 Jun 25 j 16:11	0°♊		
desc. node	-10260 Jul 14 j 06:45	21°♊58'50		
	-10260 Jul 21 j 04:38	0°♋		
	-10260 Aug 17 j 03:16	0°♌		
evening max el	-10260 Aug 24 j 01:00	7°♌11'58	47°33'05	
	-10260 Sep 18 j 03:51	0°♍		
greatest brilliancy	-10260 Oct 03 j 16:12	9°♍07'21	-4.9m	
retrograde	-10260 Oct 14 j 04:22	11°♍14'45		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10260 Oct 29 j 00:40	6°♍43'01	
asc. node	-10260 Nov 03 j 01:45	3°♍36'21	
min. Earth dist.	-10260 Nov 03 j 10:58	3°♍21'29	0.28010 AU
inferior conj	-10260 Nov 04 j 03:49	2°♍54'17	0°15'36
minimum elong	-10260 Nov 04 j 03:16	2°♍55'10	0°15'46
transit middle	-10260 Nov 04 j 03:16	2°♍55'10	0°15'46
transit begin	-10260 Nov 04 j 02:01	2°♍57'10	
transit end	-10260 Nov 04 j 04:30	2°♍53'11	
	-10260 Nov 08 j 18:54	30°℞♌	
morning rise	-10260 Nov 10 j 06:51	29°♌08'08	
direct	-10260 Nov 25 j 00:36	24°♌46'45	
greatest brilliancy	-10260 Dec 03 j 23:37	26°♌17'09	-4.8m
	-10260 Dec 12 j 08:54	0°♍	
morning max el	-10259 Jan 12 j 20:10	24°♍53'46	45°58'57
	-10259 Jan 18 j 02:39	0°♎	
	-10259 Feb 15 j 19:20	0°♏	
desc. node	-10259 Feb 24 j 05:09	9°♏17'06	
	-10259 Mar 14 j 11:35	0°♐	
	-10259 Apr 09 j 01:26	0°♑	
	-10259 May 03 j 21:11	0°♒	
	-10259 May 28 j 04:04	0°♓	
asc. node	-10259 Jun 15 j 16:47	23°♓12'12	
	-10259 Jun 21 j 02:21	0°♈	
greatest brilliancy	-10259 Jun 27 j 07:07	7°♈49'03	-3.9m
morning set	-10259 Jul 08 j 11:09	21°♈56'08	
	-10259 Jul 14 j 20:00	0°♉	
	-10259 Aug 07 j 12:44	0°♊	
superior conj	-10259 Aug 18 j 05:10	13°♊29'59	1°21'21
minimum elong	-10259 Aug 18 j 09:58	13°♊45'06	1°21'51
max. Earth dist.	-10259 Aug 23 j 21:55	20°♊40'58	1.70910 AU
	-10259 Aug 31 j 07:37	0°♋	
	-10259 Sep 24 j 06:41	0°♌	
evening rise	-10259 Sep 30 j 12:59	7°♌47'54	
desc. node	-10259 Oct 06 j 15:23	15°♌22'48	
	-10259 Oct 18 j 10:33	0°♍	
	-10259 Nov 11 j 18:56	0°♎	
	-10259 Dec 06 j 08:10	0°♏	
	-10259 Dec 31 j 04:41	0°♐	
	-10258 Jan 25 j 14:02	0°♑	
asc. node	-10258 Jan 26 j 06:46	0°♑48'38	
	-10258 Feb 20 j 22:26	0°♒	
	-10258 Mar 21 j 05:03	0°♓	
evening max el	-10258 Mar 28 j 22:24	7°♓32'51	45°43'20
	-10258 Apr 25 j 09:25	0°♈	
greatest brilliancy	-10258 May 07 j 09:08	5°♈55'36	-4.8m
retrograde	-10258 May 17 j 04:08	7°♈39'27	
desc. node	-10258 May 19 j 12:30	7°♈33'03	
evening set	-10258 May 31 j 21:47	3°♈35'09	
inferior conj	-10258 Jun 07 j 01:11	0°♈06'43	-4°20'44
minimum elong	-10258 Jun 06 j 16:19	0°♈19'50	4°18'25
min. Earth dist.	-10258 Jun 07 j 02:55	0°♈04'09	0.26717 AU
	-10258 Jun 07 j 05:43	30°℞♓	
morning rise	-10258 Jun 12 j 10:18	27°♓01'07	
direct	-10258 Jun 27 j 17:30	22°♓31'19	
greatest brilliancy	-10258 Jul 08 j 19:38	24°♓47'29	-4.9m
	-10258 Jul 18 j 17:40	0°♈	
morning max el	-10258 Aug 17 j 08:14	25°♈39'49	46°43'21
	-10258 Aug 21 j 12:42	0°♉	
asc. node	-10258 Sep 08 j 05:45	19°♉22'09	
	-10258 Sep 17 j 12:49	0°♊	
	-10258 Oct 12 j 23:47	0°♋	
	-10258 Nov 06 j 23:48	0°♌	
	-10258 Dec 01 j 21:56	0°♍	
	-10258 Dec 26 j 19:57	0°♎	
desc. node	-10258 Dec 30 j 05:12	4°♎04'52	
	-10257 Jan 20 j 16:06	0°♏	
	-10257 Feb 14 j 08:09	0°♐	
morning set	-10257 Feb 19 j 05:39	5°♐59'09	
	-10257 Mar 10 j 19:02	0°♑	
max. Earth dist.	-10257 Mar 22 j 03:55	14°♑02'03	1.73110 AU
superior conj	-10257 Mar 26 j 10:14	19°♑18'34	-0°53'32
minimum elong	-10257 Mar 26 j 17:56	19°♑42'23	0°53'50
	-10257 Apr 04 j 01:16	0°♒	
asc. node	-10257 Apr 20 j 16:22	20°♒39'59	
	-10257 Apr 28 j 04:13	0°♓	
evening rise	-10257 Apr 30 j 20:57	3°♓21'42	
	-10257 May 22 j 05:23	0°♈	
	-10257 Jun 15 j 06:20	0°♉	
	-10257 Jul 09 j 09:05	0°♊	
	-10257 Aug 02 j 16:15	0°♋	
desc. node	-10257 Aug 11 j 17:40	11°♋05'26	
	-10257 Aug 27 j 07:23	0°♌	
	-10257 Sep 21 j 12:33	0°♍	
	-10257 Oct 17 j 22:43	0°♎	
evening max el	-10257 Nov 03 j 10:36	17°♎18'47	45°53'41
	-10257 Nov 16 j 21:59	0°♏	
asc. node	-10257 Dec 01 j 12:09	11°♏14'30	
greatest brilliancy	-10257 Dec 11 j 13:44	16°♏33'52	-4.7m
retrograde	-10257 Dec 22 j 20:49	18°♏55'46	
evening set	-10256 Jan 08 j 18:31	13°♏21'01	
inferior conj	-10256 Jan 13 j 06:42	10°♏31'46	7°31'54
minimum elong	-10256 Jan 13 j 00:38	10°♏41'28	7°30'58
min. Earth dist.	-10256 Jan 13 j 06:06	10°♏32'44	0.29564 AU
morning rise	-10256 Jan 17 j 06:51	8°♏00'24	
direct	-10256 Feb 04 j 02:30	1°♏58'55	
greatest brilliancy	-10256 Feb 13 j 16:59	3°♏38'34	-4.7m
	-10256 Mar 22 j 06:07	0°♐	
desc. node	-10256 Mar 23 j 17:03	1°♐22'27	
morning max el	-10256 Mar 24 j 02:41	1°♐45'23	46°04'04
	-10256 Apr 20 j 11:03	0°♑	
	-10256 May 16 j 20:16	0°♒	
	-10256 Jun 10 j 22:08	0°♓	
	-10256 Jul 05 j 06:16	0°♈	
asc. node	-10256 Jul 13 j 06:24	9°♈59'50	
	-10256 Jul 29 j 04:40	0°♉	
	-10256 Aug 21 j 23:23	0°♊	
	-10256 Sep 14 j 19:05	0°♋	
morning set	-10256 Sep 23 j 19:48	11°♋19'18	
	-10256 Oct 08 j 18:44	0°♌	
	-10256 Nov 01 j 23:05	0°♍	
desc. node	-10256 Nov 03 j 04:15	1°♍30'10	
superior conj	-10256 Nov 05 j 01:31	3°♍50'00	-0°04'18
minimum elong	-10256 Nov 05 j 00:29	3°♍46'50	0°03'55
behind sun begin	-10256 Nov 03 j 22:49	2°♍27'33	
behind sun end	-10256 Nov 06 j 02:09	5°♍06'07	
max. Earth dist.	-10256 Nov 09 j 08:00	9°♍06'24	1.72752 AU
	-10256 Nov 26 j 07:02	0°♎	
evening rise	-10256 Dec 15 j 00:38	23°♎01'19	
	-10256 Dec 20 j 17:07	0°♏	
	-10255 Jan 14 j 04:52	0°♐	
	-10255 Feb 07 j 19:35	0°♑	
asc. node	-10255 Feb 22 j 18:05	18°♑04'48	
	-10255 Mar 04 j 15:45	0°♒	
	-10255 Mar 29 j 20:18	0°♓	
	-10255 Apr 24 j 13:27	0°♈	
	-10255 May 21 j 05:46	0°♉	
evening max el	-10255 Jun 10 j 18:57	21°♉34'34	47°28'20
desc. node	-10255 Jun 15 j 22:44	26°♉37'43	
	-10255 Jun 19 j 12:13	0°♊	
greatest brilliancy	-10255 Jul 22 j 07:11	22°♊54'39	-4.9m
retrograde	-10255 Jul 31 j 14:13	24°♊33'33	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10255 Aug 18 j 04:58	18°♊31'59	
inferior conj	-10255 Aug 21 j 06:32	16°♊39'28	-8°30'56
minimum elong	-10255 Aug 21 j 12:33	16°♊30'13	8°29'50
min. Earth dist.	-10255 Aug 20 j 18:23	16°♊58'13	0.26709 AU
morning rise	-10255 Aug 24 j 20:18	14°♊29'38	
direct	-10255 Sep 10 j 11:17	9°♊02'55	
greatest brilliancy	-10255 Sep 20 j 05:18	10°♊53'31	-4.9m
asc. node	-10255 Oct 05 j 17:10	19°♊39'45	
	-10255 Oct 18 j 05:55	0°♋	
morning max el	-10255 Oct 30 j 14:35	11°♋49'09	46°22'14
	-10255 Nov 16 j 23:59	0°♌	
	-10255 Dec 13 j 23:15	0°♍	
	-10254 Jan 09 j 01:23	0°♎	
desc. node	-10254 Jan 26 j 18:34	20°♎42'48	
	-10254 Feb 03 j 15:38	0°♏	
	-10254 Feb 28 j 19:25	0°♐	
	-10254 Mar 25 j 13:08	0°♑	
	-10254 Apr 18 j 21:58	0°♒	
morning set	-10254 Apr 26 j 13:23	9°♒29'19	
	-10254 May 12 j 23:52	0°♓	
asc. node	-10254 May 18 j 05:28	6°♓33'26	
max. Earth dist.	-10254 May 29 j 17:47	21°♓01'02	1.71382 AU
superior conj	-10254 Jun 02 j 01:04	25°♓10'19	0°33'38
minimum elong	-10254 Jun 01 j 18:28	24°♓49'35	0°33'14
	-10254 Jun 05 j 21:07	0°♈	
	-10254 Jun 29 j 16:07	0°♉	
evening rise	-10254 Jul 10 j 11:03	13°♉36'14	
	-10254 Jul 23 j 11:29	0°♊	
	-10254 Aug 16 j 09:36	0°♋	
desc. node	-10254 Sep 08 j 05:13	28°♋23'29	
	-10254 Sep 09 j 12:23	0°♌	
	-10254 Oct 03 j 21:15	0°♍	
	-10254 Oct 28 j 14:25	0°♎	
	-10254 Nov 22 j 21:32	0°♏	
	-10254 Dec 19 j 09:12	0°♐	
asc. node	-10254 Dec 28 j 22:30	10°♐14'05	
evening max el	-10253 Jan 13 j 07:36	25°♐41'19	44°52'56
	-10253 Jan 17 j 22:20	0°♑	
greatest brilliancy	-10253 Feb 19 j 21:43	22°♑37'03	-4.7m
retrograde	-10253 Mar 02 j 04:26	24°♑28'54	
evening set	-10253 Mar 18 j 14:23	19°♑30'00	
inferior conj	-10253 Mar 23 j 12:33	16°♑34'14	5°53'31
minimum elong	-10253 Mar 23 j 21:37	16°♑20'19	5°51'11
min. Earth dist.	-10253 Mar 24 j 19:12	15°♑47'13	0.28667 AU
morning rise	-10253 Mar 29 j 04:07	13°♑12'05	
direct	-10253 Apr 14 j 08:54	8°♑17'50	
desc. node	-10253 Apr 21 j 04:01	9°♑08'57	
greatest brilliancy	-10253 Apr 25 j 20:16	10°♑38'34	-4.8m
	-10253 May 24 j 00:13	0°♒	
morning max el	-10253 Jun 03 j 07:44	9°♒46'47	46°30'11
	-10253 Jun 22 j 13:08	0°♓	
	-10253 Jul 18 j 15:53	0°♈	
asc. node	-10253 Aug 10 j 19:35	27°♈57'19	
	-10253 Aug 12 j 11:39	0°♉	
	-10253 Sep 05 j 18:12	0°♊	
	-10253 Sep 29 j 21:14	0°♋	
	-10253 Oct 24 j 02:13	0°♌	
	-10253 Nov 17 j 11:05	0°♍	
desc. node	-10253 Dec 01 j 17:44	17°♍30'00	
morning set	-10253 Dec 09 j 14:58	27°♍08'58	
	-10253 Dec 11 j 22:54	0°♎	
	-10252 Jan 05 j 11:22	0°♏	
max. Earth dist.	-10252 Jan 15 j 08:51	12°♏07'09	1.73799 AU
superior conj	-10252 Jan 16 j 22:39	14°♏02'58	-1°17'45
minimum elong	-10252 Jan 16 j 18:02	13°♏48'48	1°18'03
	-10252 Jan 29 j 22:40	0°♐	
evening rise	-10252 Feb 21 j 16:40	27°♐57'38	
greatest brilliancy	-10252 Feb 22 j 15:29	29°♐07'49	-3.9m
	-10252 Feb 23 j 08:27	0°♑	
	-10252 Mar 18 j 17:38	0°♒	
asc. node	-10252 Mar 22 j 05:57	4°♒19'16	
	-10252 Apr 12 j 03:33	0°♓	
	-10252 May 06 j 15:27	0°♈	
	-10252 May 31 j 07:04	0°♉	
	-10252 Jun 25 j 06:01	0°♊	
desc. node	-10252 Jul 13 j 09:02	21°♊21'33	
	-10252 Jul 20 j 20:24	0°♋	
	-10252 Aug 16 j 23:34	0°♌	
evening max el	-10252 Aug 21 j 15:28	4°♌49'49	47°35'19
	-10252 Sep 19 j 00:18	0°♍	
greatest brilliancy	-10252 Oct 01 j 10:19	6°♍51'30	-4.9m
retrograde	-10252 Oct 11 j 19:55	8°♍56'59	
evening set	-10252 Oct 26 j 17:13	4°♍24'39	
min. Earth dist.	-10252 Nov 01 j 03:22	1°♍03'36	0.27947 AU
inferior conj	-10252 Nov 01 j 19:38	0°♍37'22	-0°04'57
minimum elong	-10252 Nov 01 j 19:47	0°♍37'06	0°04'35
transit middle	-10252 Nov 01 j 19:47	0°♍37'06	0°04'35
transit begin	-10252 Nov 01 j 15:57	0°♍43'18	
transit end	-10252 Nov 01 j 23:38	0°♍30'54	
asc. node	-10252 Nov 02 j 03:53	0°♍24'02	
	-10252 Nov 02 j 18:49	30°℞♌	
morning rise	-10252 Nov 07 j 23:16	26°♌50'17	
direct	-10252 Nov 22 j 15:00	22°♌30'51	
greatest brilliancy	-10252 Dec 01 j 15:42	24°♌02'29	-4.8m
	-10252 Dec 13 j 19:29	0°♍	
morning max el	-10251 Jan 10 j 10:46	22°♍39'29	45°59'21
	-10251 Jan 17 j 23:20	0°♎	
	-10251 Feb 15 j 10:39	0°♏	
desc. node	-10251 Feb 23 j 07:20	8°♏42'48	
	-10251 Mar 14 j 00:48	0°♐	
	-10251 Apr 08 j 13:36	0°♑	
	-10251 May 03 j 08:48	0°♒	
	-10251 May 27 j 15:23	0°♓	
asc. node	-10251 Jun 14 j 19:04	22°♓44'06	
	-10251 Jun 20 j 13:33	0°♈	
greatest brilliancy	-10251 Jun 26 j 16:47	7°♈44'16	-3.9m
morning set	-10251 Jul 05 j 23:50	19°♈29'03	
	-10251 Jul 14 j 07:12	0°♉	
	-10251 Aug 06 j 23:58	0°♊	
superior conj	-10251 Aug 15 j 14:29	10°♊52'23	1°22'05
minimum elong	-10251 Aug 15 j 18:13	11°♊04'12	1°22'36
max. Earth dist.	-10251 Aug 20 j 20:56	17°♊31'10	1.70877 AU
	-10251 Aug 30 j 18:54	0°♋	
	-10251 Sep 23 j 18:01	0°♌	
evening rise	-10251 Sep 27 j 20:38	5°♌07'07	
desc. node	-10251 Oct 05 j 17:26	14°♌53'53	
	-10251 Oct 17 j 21:55	0°♍	
	-10251 Nov 11 j 06:25	0°♎	
	-10251 Dec 05 j 19:54	0°♏	
	-10251 Dec 30 j 16:56	0°♐	
asc. node	-10250 Jan 25 j 09:05	0°♑16'32	
	-10250 Jan 25 j 03:23	0°♑	
	-10250 Feb 20 j 14:06	0°♒	
	-10250 Mar 21 j 02:39	0°♓	
evening max el	-10250 Mar 26 j 11:38	5°♓12'30	45°40'10
	-10250 Apr 27 j 00:16	0°♈	
greatest brilliancy	-10250 May 04 j 20:04	3°♈29'10	-4.8m
retrograde	-10250 May 14 j 16:36	5°♈14'05	
desc. node	-10250 May 18 j 14:45	4°♈56'03	
evening set	-10250 May 29 j 07:58	1°♈11'49	
	-10250 May 31 j 13:24	30°℞♓	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10250 Jun 04 j 13:18	27°♓41'06	-3°59'49	
minimum elong	-10250 Jun 04 j 04:57	27°♓53'25	3°57'36	
min. Earth dist.	-10250 Jun 04 j 16:10	27°♓36'52	0.26752 AU	
morning rise	-10250 Jun 10 j 01:24	24°♓31'51		
direct	-10250 Jun 25 j 06:39	20°♓04'44		
greatest brilliancy	-10250 Jul 06 j 09:53	22°♓22'18	-4.9m	
	-10250 Jul 19 j 21:03	0°♈		
morning max el	-10250 Aug 14 j 22:04	23°♈13'56	46°43'35	
	-10250 Aug 21 j 09:51	0°♉		
asc. node	-10250 Sep 07 j 07:58	18°♉39'30		
	-10250 Sep 17 j 04:51	0°♊		
	-10250 Oct 12 j 13:46	0°♋		
	-10250 Nov 06 j 12:41	0°♌		
	-10250 Dec 01 j 10:08	0°♍		
	-10250 Dec 26 j 07:39	0°♎		
desc. node	-10250 Dec 29 j 07:27	3°♎36'31		
	-10249 Jan 20 j 03:27	0°♏		
	-10249 Feb 13 j 19:15	0°♐		
morning set	-10249 Feb 17 j 00:16	3°♐55'24		
	-10249 Mar 10 j 06:02	0°♑		
max. Earth dist.	-10249 Mar 20 j 02:02	12°♑08'00	1.73158 AU	
superior conj	-10249 Mar 24 j 05:40	17°♑16'05	-0°55'43	
minimum elong	-10249 Mar 24 j 13:26	17°♑40'04	0°56'02	
	-10249 Apr 03 j 12:19	0°♒		
asc. node	-10249 Apr 19 j 18:29	20°♒11'53		
	-10249 Apr 27 j 15:24	0°♓		
evening rise	-10249 Apr 28 j 15:30	1°♓15'03		
	-10249 May 21 j 16:47	0°♈		
	-10249 Jun 14 j 18:01	0°♉		
	-10249 Jul 08 j 21:05	0°♊		
	-10249 Aug 02 j 04:42	0°♋		
desc. node	-10249 Aug 10 j 19:52	10°♋33'31		
	-10249 Aug 26 j 20:33	0°♌		
	-10249 Sep 21 j 03:03	0°♍		
	-10249 Oct 17 j 16:17	0°♎		
evening max el	-10249 Nov 01 j 03:28	15°♎07'23	45°57'06	
	-10249 Nov 17 j 03:35	0°♏		
asc. node	-10249 Nov 30 j 14:33	9°♏58'32		
greatest brilliancy	-10249 Dec 09 j 06:49	14°♏25'58	-4.7m	
retrograde	-10249 Dec 20 j 15:00	16°♏48'37		
evening set	-10248 Jan 06 j 09:46	11°♏16'58		
inferior conj	-10248 Jan 11 j 00:09	8°♏24'02	7°25'09	
minimum elong	-10248 Jan 10 j 17:39	8°♏34'26	7°24'07	
min. Earth dist.	-10248 Jan 10 j 21:49	8°♏27'46	0.29543 AU	
morning rise	-10248 Jan 15 j 01:41	5°♏50'30		
	-10248 Jan 30 j 04:08	30°℞♎		
direct	-10248 Feb 01 j 19:58	29°♎51'38		
	-10248 Feb 04 j 12:45	0°♏		
greatest brilliancy	-10248 Feb 11 j 07:40	1°♏29'25	-4.7m	
morning max el	-10248 Mar 21 j 19:41	29°♏37'56	46°03'18	
	-10248 Mar 22 j 04:57	0°♐		
desc. node	-10248 Mar 22 j 19:08	0°♐33'56		
	-10248 Apr 20 j 03:04	0°♑		
	-10248 May 16 j 10:00	0°♒		
	-10248 Jun 10 j 10:49	0°♓		
	-10248 Jul 04 j 18:24	0°♈		
asc. node	-10248 Jul 12 j 08:37	9°♈29'11		
	-10248 Jul 28 j 16:29	0°♉		
	-10248 Aug 21 j 10:58	0°♊		
	-10248 Sep 14 j 06:32	0°♋		
morning set	-10248 Sep 21 j 05:45	8°♋44'23		
	-10248 Oct 08 j 06:06	0°♌		
	-10248 Nov 01 j 10:22	0°♍		
desc. node	-10248 Nov 02 j 06:25	1°♍01'58		
superior conj	-10248 Nov 02 j 12:35	1°♍21'02	-0°00'35	
minimum elong	-10248 Nov 02 j 12:30	1°♍20'49	0°00'14	
behind sun begin	-10248 Nov 01 j 10:17	29°♌59'44		
behind sun end	-10248 Nov 03 j 14:44	2°♍41'52		
max. Earth dist.	-10248 Nov 07 j 02:17	6°♍59'54	1.72695 AU	
	-10248 Nov 25 j 18:16	0°♎		
evening rise	-10248 Dec 12 j 16:22	20°♎47'54		
	-10248 Dec 20 j 04:21	0°♏		
	-10247 Jan 13 j 16:13	0°♐		
	-10247 Feb 07 j 07:17	0°♑		
asc. node	-10247 Feb 21 j 20:16	17°♑35'11		
	-10247 Mar 04 j 04:04	0°♒		
	-10247 Mar 29 j 09:40	0°♓		
	-10247 Apr 24 j 04:36	0°♈		
	-10247 May 21 j 00:28	0°♉		
evening max el	-10247 Jun 08 j 09:22	19°♉10'39	47°25'28	
desc. node	-10247 Jun 15 j 01:04	25°♉38'58		
	-10247 Jun 19 j 17:43	0°♊		
greatest brilliancy	-10247 Jul 19 j 19:40	20°♊23'43	-4.9m	
retrograde	-10247 Jul 29 j 02:58	22°♊02'15		
evening set	-10247 Aug 15 j 19:28	15°♊58'59		
inferior conj	-10247 Aug 18 j 19:03	14°♊09'28	-8°37'38	
minimum elong	-10247 Aug 19 j 00:18	14°♊01'23	8°36'40	
min. Earth dist.	-10247 Aug 18 j 06:36	14°♊28'40	0.26681 AU	
morning rise	-10247 Aug 22 j 05:18	12°♊04'52		
direct	-10247 Sep 08 j 00:06	6°♊34'05		
greatest brilliancy	-10247 Sep 17 j 17:51	8°♊24'19	-4.9m	
asc. node	-10247 Oct 04 j 19:17	18°♊21'24		
	-10247 Oct 18 j 11:05	0°♋		
morning max el	-10247 Oct 28 j 03:39	9°♋23'25	46°23'14	
	-10247 Nov 16 j 18:08	0°♌		
	-10247 Dec 13 j 14:01	0°♍		
	-10246 Jan 08 j 14:31	0°♎		
desc. node	-10246 Jan 25 j 20:40	20°♎12'18		
	-10246 Feb 03 j 03:51	0°♏		
	-10246 Feb 28 j 07:07	0°♐		
	-10246 Mar 25 j 00:32	0°♑		
	-10246 Apr 18 j 09:13	0°♒		
morning set	-10246 Apr 24 j 07:51	7°♒22'41		
	-10246 May 12 j 11:05	0°♓		
asc. node	-10246 May 17 j 07:44	6°♓05'21		
max. Earth dist.	-10246 May 27 j 04:49	18°♓29'29	1.71442 AU	
superior conj	-10246 May 30 j 16:58	22°♓53'59	0°30'33	
minimum elong	-10246 May 30 j 10:56	22°♓35'01	0°30'09	
	-10246 Jun 05 j 08:24	0°♈		
	-10246 Jun 29 j 03:32	0°♉		
evening rise	-10246 Jul 07 j 23:00	11°♉06'26		
	-10246 Jul 22 j 23:04	0°♊		
	-10246 Aug 15 j 21:21	0°♋		
desc. node	-10246 Sep 07 j 07:18	27°♋53'04		
	-10246 Sep 09 j 00:18	0°♌		
	-10246 Oct 03 j 09:25	0°♍		
	-10246 Oct 28 j 03:05	0°♎		
	-10246 Nov 22 j 11:18	0°♏		
	-10246 Dec 19 j 01:39	0°♐		
asc. node	-10246 Dec 28 j 00:46	9°♐32'36		
evening max el	-10245 Jan 10 j 21:53	23°♐26'48	44°53'09	
	-10245 Jan 17 j 23:56	0°♑		
greatest brilliancy	-10245 Feb 17 j 12:48	20°♑26'46	-4.7m	
retrograde	-10245 Feb 27 j 19:25	22°♑19'07		
evening set	-10245 Mar 16 j 08:25	17°♑15'53		
inferior conj	-10245 Mar 21 j 04:18	14°♑23'13	6°06'18	
minimum elong	-10245 Mar 21 j 13:17	14°♑09'25	6°04'04	
min. Earth dist.	-10245 Mar 22 j 11:09	13°♑35'50	0.28741 AU	
morning rise	-10245 Mar 26 j 17:24	11°♑04'04		
direct	-10245 Apr 12 j 00:36	6°♑05'20		
desc. node	-10245 Apr 20 j 06:18	7°♑19'20		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

greatest brilliancy	-10245 Apr 23 j 12:16	8°♉25'43	-4.8m	
	-10245 May 24 j 03:22	0°♒		
morning max el	-10245 May 31 j 22:21	7°♒27'46	46°29'18	
	-10245 Jun 22 j 06:37	0°♓		
	-10245 Jul 18 j 06:29	0°♈		
asc. node	-10245 Aug 09 j 21:44	27°♈22'58		
	-10245 Aug 12 j 00:56	0°♉		
	-10245 Sep 05 j 06:47	0°♊		
	-10245 Sep 29 j 09:22	0°♋		
	-10245 Oct 23 j 14:01	0°♌		
	-10245 Nov 16 j 22:34	0°♍		
desc. node	-10245 Nov 30 j 19:58	17°♍02'04		
morning set	-10245 Dec 07 j 05:13	24°♍51'11		
	-10245 Dec 11 j 10:09	0°♎		
	-10244 Jan 04 j 22:28	0°♏		
max. Earth dist.	-10244 Jan 13 j 04:41	10°♏07'01	1.73792 AU	
superior conj	-10244 Jan 14 j 16:47	11°♏57'37	-1°16'52	
minimum elong	-10244 Jan 14 j 11:35	11°♏41'43	1°17'08	
	-10244 Jan 29 j 09:43	0°♐		
evening rise	-10244 Feb 19 j 12:30	25°♐56'55		
greatest brilliancy	-10244 Feb 21 j 03:37	27°♐57'12	-3.9m	
	-10244 Feb 22 j 19:34	0°♑		
	-10244 Mar 18 j 04:58	0°♒		
asc. node	-10244 Mar 21 j 08:04	3°♒50'47		
	-10244 Apr 11 j 15:16	0°♓		
	-10244 May 06 j 03:44	0°♈		
	-10244 May 30 j 20:07	0°♉		
	-10244 Jun 24 j 20:13	0°♊		
desc. node	-10244 Jul 12 j 11:13	20°♊43'01		
	-10244 Jul 20 j 12:38	0°♋		
	-10244 Aug 16 j 20:46	0°♌		
evening max el	-10244 Aug 19 j 05:51	2°♌26'51	47°37'33	
	-10244 Sep 20 j 04:38	0°♍		
greatest brilliancy	-10244 Sep 29 j 04:06	4°♍34'30	-4.9m	
retrograde	-10244 Oct 09 j 11:47	6°♍38'42		
evening set	-10244 Oct 24 j 09:53	2°♍05'15		
	-10244 Oct 27 j 20:47	30°℞♌		
inferior conj	-10244 Oct 30 j 11:26	28°♌19'45	-0°25'46	
minimum elong	-10244 Oct 30 j 12:19	28°♌18'19	0°25'08	
min. Earth dist.	-10244 Oct 29 j 19:39	28°♌45'10	0.27883 AU	
asc. node	-10244 Nov 01 j 06:19	27°♌11'01		
morning rise	-10244 Nov 05 j 15:34	24°♌32'13		
direct	-10244 Nov 20 j 05:24	20°♌14'10		
greatest brilliancy	-10244 Nov 29 j 07:41	21°♌47'12	-4.8m	
	-10244 Dec 14 j 20:20	0°♍		
morning max el	-10243 Jan 08 j 02:13	20°♍26'53	45°59'57	
	-10243 Jan 17 j 19:27	0°♎		
	-10243 Feb 15 j 01:48	0°♏		
desc. node	-10243 Feb 22 j 09:26	8°♏08'22		
	-10243 Mar 13 j 13:59	0°♐		
	-10243 Apr 08 j 01:49	0°♑		
	-10243 May 02 j 20:31	0°♒		
	-10243 May 27 j 02:52	0°♓		
asc. node	-10243 Jun 13 j 21:16	22°♓15'06		
	-10243 Jun 20 j 00:57	0°♈		
greatest brilliancy	-10243 Jun 26 j 02:47	7°♈39'56	-3.9m	
morning set	-10243 Jul 03 j 12:36	17°♈01'38		
	-10243 Jul 13 j 18:35	0°♉		
	-10243 Aug 06 j 11:21	0°♊		
superior conj	-10243 Aug 12 j 23:42	8°♊14'02	1°22'39	
minimum elong	-10243 Aug 13 j 02:22	8°♊22'27	1°23'09	
max. Earth dist.	-10243 Aug 17 j 22:26	14°♊28'42	1.70845 AU	
	-10243 Aug 30 j 06:18	0°♋		
	-10243 Sep 23 j 05:27	0°♌		
evening rise	-10243 Sep 25 j 04:12	2°♌25'39		
desc. node	-10243 Oct 04 j 19:37	14°♌25'05		
	-10243 Oct 17 j 09:24	0°♍		
	-10243 Nov 10 j 18:00	0°♎		
	-10243 Dec 05 j 07:42	0°♏		
	-10243 Dec 30 j 05:15	0°♐		
asc. node	-10242 Jan 24 j 11:19	29°♐44'08		
	-10242 Jan 24 j 16:48	0°♑		
	-10242 Feb 20 j 05:55	0°♒		
	-10242 Mar 21 j 00:59	0°♓		
evening max el	-10242 Mar 24 j 01:47	2°♓54'51	45°36'56	
	-10242 Apr 29 j 12:26	0°♈		
greatest brilliancy	-10242 May 02 j 06:50	1°♈03'00	-4.8m	
retrograde	-10242 May 12 j 05:10	2°♈48'49		
desc. node	-10242 May 17 j 17:04	2°♈13'23		
	-10242 May 24 j 07:17	30°℞♓		
evening set	-10242 May 26 j 18:30	28°♓48'31		
inferior conj	-10242 Jun 02 j 01:27	25°♓15'32	-3°38'25	
minimum elong	-10242 Jun 01 j 17:43	25°♓26'58	3°36'21	
min. Earth dist.	-10242 Jun 02 j 05:21	25°♓09'47	0.26793 AU	
morning rise	-10242 Jun 07 j 16:25	22°♓02'41		
direct	-10242 Jun 22 j 20:20	17°♓38'16		
greatest brilliancy	-10242 Jul 03 j 23:46	19°♓56'23	-4.9m	
	-10242 Jul 20 j 17:23	0°♈		
morning max el	-10242 Aug 12 j 12:09	20°♈48'23	46°43'44	
	-10242 Aug 21 j 06:28	0°♉		
asc. node	-10242 Sep 06 j 10:10	17°♉56'51		
	-10242 Sep 16 j 20:44	0°♊		
	-10242 Oct 12 j 03:40	0°♋		
	-10242 Nov 06 j 01:31	0°♌		
	-10242 Nov 30 j 22:16	0°♍		
	-10242 Dec 25 j 19:17	0°♎		
desc. node	-10242 Dec 28 j 09:27	3°♎07'36		
	-10241 Jan 19 j 14:43	0°♏		
	-10241 Feb 13 j 06:16	0°♐		
morning set	-10241 Feb 14 j 19:17	1°♐53'08		
	-10241 Mar 09 j 16:55	0°♑		
max. Earth dist.	-10241 Mar 18 j 00:05	10°♑14'12	1.73201 AU	
superior conj	-10241 Mar 22 j 01:37	15°♑15'34	-0°57'48	
minimum elong	-10241 Mar 22 j 09:22	15°♑39'34	0°58'06	
	-10241 Apr 02 j 23:13	0°♒		
asc. node	-10241 Apr 18 j 20:50	19°♒44'57		
evening rise	-10241 Apr 26 j 10:32	29°♒10'22		
	-10241 Apr 27 j 02:28	0°♓		
	-10241 May 21 j 04:06	0°♈		
	-10241 Jun 14 j 05:39	0°♉		
	-10241 Jul 08 j 09:07	0°♊		
	-10241 Aug 01 j 17:14	0°♋		
desc. node	-10241 Aug 09 j 22:00	10°♋01'09		
	-10241 Aug 26 j 09:51	0°♌		
	-10241 Sep 20 j 17:43	0°♍		
	-10241 Oct 17 j 10:11	0°♎		
evening max el	-10241 Oct 29 j 20:17	12°♎55'48	46°00'38	
	-10241 Nov 17 j 11:19	0°♏		
asc. node	-10241 Nov 29 j 16:49	8°♏40'22		
greatest brilliancy	-10241 Dec 07 j 00:42	12°♏19'21	-4.8m	
retrograde	-10241 Dec 18 j 08:58	14°♏41'51		
evening set	-10240 Jan 04 j 01:08	9°♏13'39		
inferior conj	-10240 Jan 08 j 17:42	6°♏16'57	7°17'53	
minimum elong	-10240 Jan 08 j 10:49	6°♏28'00	7°16'46	
min. Earth dist.	-10240 Jan 08 j 13:56	6°♏23'00	0.29514 AU	
morning rise	-10240 Jan 12 j 20:43	3°♏40'57		
	-10240 Jan 19 j 21:48	30°℞♎		
direct	-10240 Jan 30 j 13:25	27°♎45'10		
greatest brilliancy	-10240 Feb 08 j 22:31	29°♎20'57	-4.7m	
	-10240 Feb 10 j 18:43	0°♏		
morning max el	-10240 Mar 19 j 12:07	27°♏29'54	46°02'41	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10240 Mar 21 j 21:21	29°♏47'12		
	-10240 Mar 22 j 02:38	0°♐		
	-10240 Apr 19 j 18:34	0°♑		
	-10240 May 15 j 23:22	0°♒		
	-10240 Jun 09 j 23:11	0°♓		
	-10240 Jul 04 j 06:16	0°♈		
asc. node	-10240 Jul 11 j 10:44	8°♈58'57		
	-10240 Jul 28 j 04:05	0°♉		
	-10240 Aug 20 j 22:27	0°♊		
	-10240 Sep 13 j 17:55	0°♋		
morning set	-10240 Sep 18 j 15:11	6°♋07'56		
	-10240 Oct 07 j 17:23	0°♌		
superior conj	-10240 Oct 30 j 23:00	28°♌50'18	0°03'12	
minimum elong	-10240 Oct 30 j 23:55	28°♌53'10	0°03'30	
behind sun begin	-10240 Oct 29 j 21:54	27°♌32'40		
behind sun end	-10240 Nov 01 j 01:57	0°♍13'38		
	-10240 Oct 31 j 21:32	0°♍		
desc. node	-10240 Nov 01 j 08:39	0°♍34'22		
max. Earth dist.	-10240 Nov 04 j 21:03	4°♍55'09	1.72630 AU	
	-10240 Nov 25 j 05:21	0°♎		
evening rise	-10240 Dec 10 j 07:41	18°♎33'33		
	-10240 Dec 19 j 15:25	0°♏		
	-10239 Jan 13 j 03:25	0°♐		
	-10239 Feb 06 j 18:48	0°♑		
asc. node	-10239 Feb 20 j 22:29	17°♑06'15		
	-10239 Mar 03 j 16:12	0°♒		
	-10239 Mar 28 j 22:49	0°♓		
	-10239 Apr 23 j 19:33	0°♈		
	-10239 May 20 j 19:08	0°♉		
evening max el	-10239 Jun 05 j 22:48	16°♉45'35	47°22'25	
desc. node	-10239 Jun 14 j 03:12	24°♉39'42		
	-10239 Jun 20 j 00:43	0°♊		
greatest brilliancy	-10239 Jul 17 j 08:30	17°♊54'21	-4.9m	
retrograde	-10239 Jul 26 j 15:08	19°♊32'02		
evening set	-10239 Aug 13 j 09:35	13°♊27'40		
inferior conj	-10239 Aug 16 j 07:38	11°♊40'30	-8°43'07	
minimum elong	-10239 Aug 16 j 12:03	11°♊33'40	8°42'17	
min. Earth dist.	-10239 Aug 15 j 19:14	11°♊59'37	0.26662 AU	
morning rise	-10239 Aug 19 j 14:40	9°♊40'34		
direct	-10239 Sep 05 j 12:29	4°♊05'56		
greatest brilliancy	-10239 Sep 15 j 07:12	5°♊56'29	-4.9m	
asc. node	-10239 Oct 03 j 21:41	17°♊06'21		
	-10239 Oct 18 j 14:22	0°♋		
morning max el	-10239 Oct 25 j 16:04	6°♋56'03	46°24'08	
	-10239 Nov 16 j 11:47	0°♌		
	-10239 Dec 13 j 04:29	0°♍		
	-10238 Jan 08 j 03:24	0°♎		
desc. node	-10238 Jan 24 j 22:48	19°♎42'35		
	-10238 Feb 02 j 15:49	0°♏		
	-10238 Feb 27 j 18:31	0°♐		
	-10238 Mar 24 j 11:37	0°♑		
	-10238 Apr 17 j 20:10	0°♒		
morning set	-10238 Apr 22 j 02:36	5°♒17'49		
	-10238 May 11 j 22:00	0°♓		
asc. node	-10238 May 16 j 09:55	5°♓37'58		
max. Earth dist.	-10238 May 24 j 18:28	16°♓07'14	1.71500 AU	
superior conj	-10238 May 28 j 09:24	20°♓40'22	0°27'28	
minimum elong	-10238 May 28 j 03:56	20°♓23'12	0°27'03	
	-10238 Jun 04 j 19:21	0°♈		
	-10238 Jun 28 j 14:36	0°♉		
evening rise	-10238 Jul 05 j 11:43	8°♉40'16		
	-10238 Jul 22 j 10:18	0°♊		
	-10238 Aug 15 j 08:47	0°♋		
desc. node	-10238 Sep 06 j 09:33	27°♋24'04		
	-10238 Sep 08 j 11:57	0°♌		
	-10238 Oct 02 j 21:24	0°♍		
	-10238 Oct 27 j 15:38	0°♎		
	-10238 Nov 22 j 01:03	0°♏		
	-10238 Dec 18 j 18:14	0°♐		
asc. node	-10238 Dec 27 j 03:00	8°♐50'58		
evening max el	-10237 Jan 08 j 12:02	21°♐12'27	44°53'45	
	-10237 Jan 18 j 02:46	0°♑		
greatest brilliancy	-10237 Feb 15 j 03:18	18°♑16'35	-4.7m	
retrograde	-10237 Feb 25 j 10:52	20°♑10'15		
evening set	-10237 Mar 14 j 02:25	15°♑02'28		
inferior conj	-10237 Mar 18 j 20:03	12°♑12'59	6°18'33	
minimum elong	-10237 Mar 19 j 04:54	11°♑59'22	6°16'24	
min. Earth dist.	-10237 Mar 20 j 02:52	11°♑25'36	0.28811 AU	
morning rise	-10237 Mar 24 j 06:38	8°♑57'10		
direct	-10237 Apr 09 j 16:19	3°♑53'33		
desc. node	-10237 Apr 19 j 08:36	5°♑34'29		
greatest brilliancy	-10237 Apr 21 j 04:13	6°♑13'54	-4.8m	
	-10237 May 24 j 04:41	0°♒		
morning max el	-10237 May 29 j 13:59	5°♒12'30	46°28'33	
	-10237 Jun 21 j 23:23	0°♓		
	-10237 Jul 17 j 20:32	0°♈		
asc. node	-10237 Aug 08 j 23:56	26°♈50'06		
	-10237 Aug 11 j 13:45	0°♉		
	-10237 Sep 04 j 18:56	0°♊		
	-10237 Sep 28 j 21:06	0°♋		
	-10237 Oct 23 j 01:27	0°♌		
	-10237 Nov 16 j 09:47	0°♍		
desc. node	-10237 Nov 29 j 21:59	16°♍34'10		
morning set	-10237 Dec 04 j 18:52	22°♍32'12		
	-10237 Dec 10 j 21:10	0°♎		
	-10236 Jan 04 j 09:21	0°♏		
max. Earth dist.	-10236 Jan 10 j 23:53	8°♏05'36	1.73784 AU	
superior conj	-10236 Jan 12 j 10:18	9°♏51'00	-1°15'50	
minimum elong	-10236 Jan 12 j 04:34	9°♏33'28	1°16'04	
	-10236 Jan 28 j 20:32	0°♐		
evening rise	-10236 Feb 17 j 07:53	23°♐55'36		
greatest brilliancy	-10236 Feb 19 j 16:57	26°♐50'59	-3.9m	
	-10236 Feb 22 j 06:27	0°♑		
	-10236 Mar 17 j 16:03	0°♒		
asc. node	-10236 Mar 20 j 10:25	3°♒23'48		
	-10236 Apr 11 j 02:44	0°♓		
	-10236 May 05 j 15:47	0°♈		
	-10236 May 30 j 08:58	0°♉		
	-10236 Jun 24 j 10:13	0°♊		
desc. node	-10236 Jul 11 j 13:26	20°♊05'18		
	-10236 Jul 20 j 04:45	0°♋		
	-10236 Aug 16 j 18:13	0°♌		
evening max el	-10236 Aug 16 j 21:04	0°♌07'18	47°39'44	
	-10236 Sep 21 j 20:31	0°♍		
greatest brilliancy	-10236 Sep 26 j 21:08	2°♍17'37	-4.9m	
retrograde	-10236 Oct 07 j 04:03	4°♍21'20		
	-10236 Oct 21 j 16:59	30°℞♌		
evening set	-10236 Oct 22 j 02:39	29°♌46'20		
min. Earth dist.	-10236 Oct 27 j 11:32	26°♌27'52	0.27827 AU	
inferior conj	-10236 Oct 28 j 03:10	26°♌02'46	-0°46'34	
minimum elong	-10236 Oct 28 j 04:46	26°♌00'11	0°45'42	
asc. node	-10236 Oct 31 j 08:32	24°♌00'12		
morning rise	-10236 Nov 03 j 07:42	22°♌15'13		
direct	-10236 Nov 17 j 20:08	17°♌58'05		
greatest brilliancy	-10236 Nov 26 j 23:13	19°♌32'08	-4.8m	
	-10236 Dec 15 j 14:20	0°♍		
morning max el	-10235 Jan 05 j 18:35	18°♍17'00	46°00'21	
	-10235 Jan 17 j 14:47	0°♎		
	-10235 Feb 14 j 16:38	0°♏		
desc. node	-10235 Feb 21 j 11:39	7°♏34'50		
	-10235 Mar 13 j 02:56	0°♐		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10235 Apr 07 j 13:48	0°♉	
	-10235 May 02 j 07:59	0°♒	
	-10235 May 26 j 14:05	0°♓	
asc. node	-10235 Jun 12 j 23:19	21°♓46'28	
	-10235 Jun 19 j 12:05	0°♈	
greatest brilliancy	-10235 Jun 25 j 08:31	7°♈22'56	-3.9m
morning set	-10235 Jul 01 j 01:29	14°♈35'28	
	-10235 Jul 13 j 05:43	0°♉	
	-10235 Aug 05 j 22:30	0°♊	
superior conj	-10235 Aug 10 j 09:11	5°♊37'07	1°23'01
minimum elong	-10235 Aug 10 j 10:45	5°♊42'02	1°23'30
max. Earth dist.	-10235 Aug 15 j 02:40	11°♊35'26	1.70813 AU
	-10235 Aug 29 j 17:28	0°♋	
evening rise	-10235 Sep 22 j 11:54	29°♋45'20	
	-10235 Sep 22 j 16:36	0°♌	
desc. node	-10235 Oct 03 j 21:52	13°♌57'22	
	-10235 Oct 16 j 20:36	0°♍	
	-10235 Nov 10 j 05:19	0°♎	
	-10235 Dec 04 j 19:17	0°♏	
	-10235 Dec 29 j 17:25	0°♐	
asc. node	-10234 Jan 23 j 13:33	29°♐11'59	
	-10234 Jan 24 j 06:11	0°♑	
	-10234 Feb 19 j 21:55	0°♒	
	-10234 Mar 21 j 00:09	0°♓	
evening max el	-10234 Mar 21 j 16:33	0°♓39'01	45°33'50
greatest brilliancy	-10234 Apr 29 j 18:02	28°♓38'01	-4.8m
	-10234 May 05 j 01:47	0°♈	
retrograde	-10234 May 09 j 17:23	0°♈24'02	
	-10234 May 14 j 06:25	30°℞♓	
desc. node	-10234 May 16 j 19:09	29°♓25'36	
evening set	-10234 May 24 j 05:22	26°♓25'44	
inferior conj	-10234 May 30 j 13:37	22°♓50'41	-3°16'40
minimum elong	-10234 May 30 j 06:32	23°♓01'08	3°14'48
min. Earth dist.	-10234 May 30 j 18:38	22°♓43'16	0.26833 AU
morning rise	-10234 Jun 05 j 07:14	19°♓34'13	
direct	-10234 Jun 20 j 10:04	15°♓12'40	
greatest brilliancy	-10234 Jul 01 j 13:20	17°♓30'41	-4.9m
	-10234 Jul 21 j 08:20	0°♈	
morning max el	-10234 Aug 10 j 01:41	18°♈22'02	46°43'46
	-10234 Aug 21 j 02:15	0°♉	
asc. node	-10234 Sep 05 j 12:27	17°♉15'29	
	-10234 Sep 16 j 12:13	0°♊	
	-10234 Oct 11 j 17:16	0°♋	
	-10234 Nov 05 j 14:04	0°♌	
	-10234 Nov 30 j 10:09	0°♍	
	-10234 Dec 25 j 06:42	0°♎	
desc. node	-10234 Dec 27 j 11:36	2°♎39'46	
	-10233 Jan 19 j 01:48	0°♏	
morning set	-10233 Feb 12 j 14:04	29°♏50'33	
	-10233 Feb 12 j 17:10	0°♐	
	-10233 Mar 09 j 03:45	0°♑	
max. Earth dist.	-10233 Mar 15 j 19:50	8°♑13'32	1.73246 AU
superior conj	-10233 Mar 19 j 21:17	13°♑14'29	-0°59'48
minimum elong	-10233 Mar 20 j 05:00	13°♑38'20	1°00'08
	-10233 Apr 02 j 10:06	0°♒	
asc. node	-10233 Apr 17 j 22:57	19°♒17'27	
evening rise	-10233 Apr 24 j 05:13	27°♒04'49	
	-10233 Apr 26 j 13:30	0°♓	
	-10233 May 20 j 15:22	0°♈	
	-10233 Jun 13 j 17:14	0°♉	
	-10233 Jul 07 j 21:05	0°♊	
	-10233 Aug 01 j 05:45	0°♋	
desc. node	-10233 Aug 09 j 00:16	9°♋29'20	
	-10233 Aug 25 j 23:09	0°♌	
	-10233 Sep 20 j 08:27	0°♍	
	-10233 Oct 17 j 04:24	0°♎	
evening max el	-10233 Oct 27 j 12:34	10°♎43'02	46°04'14
	-10233 Nov 17 j 21:41	0°♏	
asc. node	-10233 Nov 28 j 19:00	7°♏19'57	
greatest brilliancy	-10233 Dec 04 j 19:02	10°♏13'30	-4.8m
retrograde	-10233 Dec 16 j 02:28	12°♏35'23	
evening set	-10232 Jan 01 j 16:30	7°♏10'47	
inferior conj	-10232 Jan 06 j 11:19	4°♏10'19	7°09'58
minimum elong	-10232 Jan 06 j 04:04	4°♏21'59	7°08'46
min. Earth dist.	-10232 Jan 06 j 06:25	4°♏18'12	0.29483 AU
morning rise	-10232 Jan 10 j 15:52	1°♏31'36	
	-10232 Jan 13 j 06:59	30°℞♎	
direct	-10232 Jan 28 j 06:33	25°♎39'09	
greatest brilliancy	-10232 Feb 06 j 13:54	27°♎13'18	-4.7m
	-10232 Feb 13 j 05:46	0°♏	
morning max el	-10232 Mar 17 j 03:44	25°♏19'56	46°01'55
desc. node	-10232 Mar 20 j 23:37	29°♏01'23	
	-10232 Mar 21 j 23:33	0°♐	
	-10232 Apr 19 j 09:56	0°♑	
	-10232 May 15 j 12:43	0°♒	
	-10232 Jun 09 j 11:36	0°♓	
	-10232 Jul 03 j 18:11	0°♈	
asc. node	-10232 Jul 10 j 12:58	8°♈28'56	
	-10232 Jul 27 j 15:43	0°♉	
	-10232 Aug 20 j 09:55	0°♊	
	-10232 Sep 13 j 05:18	0°♋	
morning set	-10232 Sep 16 j 00:29	3°♋30'56	
	-10232 Oct 07 j 04:41	0°♌	
superior conj	-10232 Oct 28 j 09:21	26°♌19'10	0°06'56
minimum elong	-10232 Oct 28 j 11:16	26°♌25'05	0°07'14
behind sun begin	-10232 Oct 27 j 11:11	25°♌10'34	
behind sun end	-10232 Oct 29 j 11:20	27°♌39'35	
desc. node	-10232 Oct 31 j 10:39	0°♍05'54	
	-10232 Oct 31 j 08:45	0°♍	
max. Earth dist.	-10232 Nov 02 j 14:44	2°♍46'53	1.72561 AU
	-10232 Nov 24 j 16:28	0°♎	
evening rise	-10232 Dec 07 j 22:50	16°♎18'34	
	-10232 Dec 19 j 02:31	0°♏	
	-10231 Jan 12 j 14:39	0°♐	
	-10231 Feb 06 j 06:22	0°♑	
asc. node	-10231 Feb 20 j 00:49	16°♑37'32	
	-10231 Mar 03 j 04:26	0°♒	
	-10231 Mar 28 j 12:11	0°♓	
	-10231 Apr 23 j 10:53	0°♈	
	-10231 May 20 j 14:35	0°♉	
evening max el	-10231 Jun 03 j 11:16	14°♉17'22	47°19'16
desc. node	-10231 Jun 13 j 05:27	23°♉38'24	
	-10231 Jun 20 j 10:40	0°♊	
greatest brilliancy	-10231 Jul 14 j 21:37	15°♊24'12	-4.9m
retrograde	-10231 Jul 24 j 02:54	17°♊00'47	
evening set	-10231 Aug 10 j 23:04	10°♊55'54	
inferior conj	-10231 Aug 13 j 20:02	9°♊10'34	-8°47'33
minimum elong	-10231 Aug 13 j 23:34	9°♊05'07	8°46'51
min. Earth dist.	-10231 Aug 13 j 07:56	9°♊29'11	0.26641 AU
morning rise	-10231 Aug 17 j 00:10	7°♊14'59	
direct	-10231 Sep 03 j 00:14	1°♊36'33	
greatest brilliancy	-10231 Sep 12 j 20:49	3°♊28'15	-4.9m
asc. node	-10231 Oct 02 j 23:55	15°♊52'40	
	-10231 Oct 18 j 16:19	0°♋	
morning max el	-10231 Oct 23 j 04:19	4°♋27'37	46°25'10
	-10231 Nov 16 j 05:12	0°♌	
	-10231 Dec 12 j 18:55	0°♍	
	-10230 Jan 07 j 16:19	0°♎	
desc. node	-10230 Jan 24 j 00:59	19°♎12'41	
	-10230 Feb 02 j 03:51	0°♏	
	-10230 Feb 27 j 06:01	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10230 Mar 23 j 22:49	0°♉	
	-10230 Apr 17 j 07:15	0°♒	
morning set	-10230 Apr 19 j 21:27	3°♒12'54	
	-10230 May 11 j 09:06	0°♓	
asc. node	-10230 May 15 j 12:01	5°♓09'41	
max. Earth dist.	-10230 May 22 j 09:53	13°♓49'53	1.71565 AU
superior conj	-10230 May 26 j 01:47	18°♓25'57	0°24'20
minimum elong	-10230 May 25 j 20:56	18°♓10'41	0°23'56
	-10230 Jun 04 j 06:33	0°♈	
	-10230 Jun 28 j 01:58	0°♉	
evening rise	-10230 Jul 03 j 00:23	6°♉13'04	
	-10230 Jul 21 j 21:50	0°♊	
	-10230 Aug 14 j 20:29	0°♋	
desc. node	-10230 Sep 05 j 11:44	26°♋54'03	
	-10230 Sep 07 j 23:52	0°♌	
	-10230 Oct 02 j 09:38	0°♍	
	-10230 Oct 27 j 04:28	0°♎	
	-10230 Nov 21 j 15:07	0°♏	
	-10230 Dec 18 j 11:20	0°♐	
asc. node	-10230 Dec 26 j 05:21	8°♐08'35	
evening max el	-10229 Jan 06 j 03:05	18°♐59'53	44°54'34
	-10229 Jan 18 j 07:29	0°♑	
greatest brilliancy	-10229 Feb 12 j 17:27	16°♑06'07	-4.7m
retrograde	-10229 Feb 23 j 03:00	18°♑01'43	
evening set	-10229 Mar 11 j 20:39	12°♑49'27	
inferior conj	-10229 Mar 16 j 12:03	10°♑02'59	6°29'57
minimum elong	-10229 Mar 16 j 20:44	9°♑49'38	6°27'56
min. Earth dist.	-10229 Mar 17 j 18:25	9°♑16'19	0.28880 AU
morning rise	-10229 Mar 21 j 20:08	6°♑50'42	
direct	-10229 Apr 07 j 08:48	1°♑42'12	
desc. node	-10229 Apr 18 j 10:38	3°♑53'14	
greatest brilliancy	-10229 Apr 18 j 19:53	4°♑02'04	-4.8m
	-10229 May 24 j 04:57	0°♒	
morning max el	-10229 May 27 j 06:29	2°♒59'11	46°27'33
	-10229 Jun 21 j 16:05	0°♓	
	-10229 Jul 17 j 10:47	0°♈	
asc. node	-10229 Aug 08 j 02:11	26°♈16'24	
	-10229 Aug 11 j 02:52	0°♉	
	-10229 Sep 04 j 07:26	0°♊	
	-10229 Sep 28 j 09:11	0°♋	
	-10229 Oct 22 j 13:11	0°♌	
	-10229 Nov 15 j 21:15	0°♍	
desc. node	-10229 Nov 29 j 00:07	16°♍05'53	
morning set	-10229 Dec 02 j 08:21	20°♍11'43	
	-10229 Dec 10 j 08:27	0°♎	
	-10228 Jan 03 j 20:30	0°♏	
max. Earth dist.	-10228 Jan 08 j 20:47	6°♏08'32	1.73774 AU
superior conj	-10228 Jan 10 j 03:46	7°♏43'27	-1°14'43
minimum elong	-10228 Jan 09 j 21:32	7°♏24'21	1°14'54
	-10228 Jan 28 j 07:38	0°♐	
evening rise	-10228 Feb 15 j 03:30	21°♐54'13	
greatest brilliancy	-10228 Feb 18 j 11:16	25°♐59'18	-3.9m
	-10228 Feb 21 j 17:35	0°♑	
	-10228 Mar 17 j 03:24	0°♒	
asc. node	-10228 Mar 19 j 12:35	2°♒55'30	
	-10228 Apr 10 j 14:28	0°♓	
	-10228 May 05 j 04:06	0°♈	
	-10228 May 29 j 22:07	0°♉	
	-10228 Jun 24 j 00:39	0°♊	
desc. node	-10228 Jul 10 j 15:42	19°♊26'15	
	-10228 Jul 19 j 21:32	0°♋	
evening max el	-10228 Aug 14 j 13:18	27°♋48'48	47°41'36
	-10228 Aug 16 j 17:04	0°♌	
greatest brilliancy	-10228 Sep 24 j 13:42	29°♌58'00	-4.9m
	-10228 Sep 24 j 15:49	0°♍	
retrograde	-10228 Oct 04 j 20:25	2°♍01'18	
	-10228 Oct 14 j 14:09	30°℞♌	
evening set	-10228 Oct 19 j 19:18	27°♌24'47	
min. Earth dist.	-10228 Oct 25 j 02:55	24°♌08'18	0.27766 AU
inferior conj	-10228 Oct 25 j 18:33	23°♌43'16	-1°07'32
minimum elong	-10228 Oct 25 j 20:53	23°♌39'31	1°06'26
asc. node	-10228 Oct 30 j 10:41	20°♌48'31	
morning rise	-10228 Oct 31 j 23:21	19°♌55'58	
direct	-10228 Nov 15 j 10:57	15°♌39'43	
greatest brilliancy	-10228 Nov 24 j 13:59	17°♌14'16	-4.8m
	-10228 Dec 16 j 04:28	0°♍	
morning max el	-10227 Jan 03 j 11:06	16°♍06'19	46°00'51
	-10227 Jan 17 j 10:00	0°♎	
	-10227 Feb 14 j 07:34	0°♏	
desc. node	-10227 Feb 20 j 13:49	7°♏00'33	
	-10227 Mar 12 j 16:03	0°♐	
	-10227 Apr 07 j 02:00	0°♑	
	-10227 May 01 j 19:41	0°♒	
	-10227 May 26 j 01:32	0°♓	
asc. node	-10227 Jun 12 j 01:35	21°♓17'49	
	-10227 Jun 18 j 23:27	0°♈	
greatest brilliancy	-10227 Jun 24 j 11:58	6°♈58'00	-3.9m
morning set	-10227 Jun 28 j 14:59	12°♈10'38	
	-10227 Jul 12 j 17:05	0°♉	
	-10227 Aug 05 j 09:54	0°♊	
superior conj	-10227 Aug 07 j 19:02	3°♊00'30	1°23'11
minimum elong	-10227 Aug 07 j 19:30	3°♊01'58	1°23'41
max. Earth dist.	-10227 Aug 12 j 08:31	8°♊46'16	1.70790 AU
	-10227 Aug 29 j 04:56	0°♋	
evening rise	-10227 Sep 19 j 19:12	27°♋02'29	
	-10227 Sep 22 j 04:08	0°♌	
desc. node	-10227 Oct 02 j 23:53	13°♌27'46	
	-10227 Oct 16 j 08:12	0°♍	
	-10227 Nov 09 j 17:01	0°♎	
	-10227 Dec 04 j 07:15	0°♏	
	-10227 Dec 29 j 05:58	0°♐	
asc. node	-10226 Jan 22 j 15:52	28°♐39'00	
	-10226 Jan 23 j 19:59	0°♑	
	-10226 Feb 19 j 14:29	0°♒	
evening max el	-10226 Mar 19 j 07:13	28°♒22'23	45°30'47
	-10226 Mar 21 j 00:39	0°♓	
greatest brilliancy	-10226 Apr 27 j 06:08	26°♓14'05	-4.8m
retrograde	-10226 May 07 j 05:21	27°♓59'33	
desc. node	-10226 May 15 j 21:27	26°♓32'26	
evening set	-10226 May 21 j 16:44	24°♓03'05	
inferior conj	-10226 May 28 j 02:04	20°♓26'19	-2°54'48
minimum elong	-10226 May 27 j 19:41	20°♓35'47	2°53'07
min. Earth dist.	-10226 May 28 j 08:31	20°♓16'45	0.26873 AU
morning rise	-10226 Jun 02 j 22:05	17°♓06'15	
direct	-10226 Jun 17 j 23:37	12°♓47'32	
greatest brilliancy	-10226 Jun 29 j 03:26	15°♓05'38	-4.9m
	-10226 Jul 21 j 19:38	0°♈	
morning max el	-10226 Aug 07 j 14:17	15°♈52'59	46°43'44
	-10226 Aug 20 j 21:37	0°♉	
asc. node	-10226 Sep 04 j 14:38	16°♉33'44	
	-10226 Sep 16 j 03:40	0°♊	
	-10226 Oct 11 j 07:02	0°♋	
	-10226 Nov 05 j 02:54	0°♌	
	-10226 Nov 29 j 22:21	0°♍	
	-10226 Dec 24 j 18:26	0°♎	
desc. node	-10226 Dec 26 j 13:49	2°♎11'04	
	-10225 Jan 18 j 13:11	0°♏	
morning set	-10225 Feb 10 j 08:34	27°♏46'26	
	-10225 Feb 12 j 04:17	0°♐	
	-10225 Mar 08 j 14:48	0°♑	
max. Earth dist.	-10225 Mar 13 j 14:47	6°♑09'50	1.73289 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10225 Mar 17 j 16:58	11°♉12'53	-1°01'43
minimum elong	-10225 Mar 18 j 00:37	11°♉36'30	1°02'05
	-10225 Apr 01 j 21:12	0°♒	
asc. node	-10225 Apr 17 j 01:04	18°♒49'18	
evening rise	-10225 Apr 22 j 00:08	24°♒59'23	
	-10225 Apr 26 j 00:46	0°♓	
	-10225 May 20 j 02:52	0°♈	
	-10225 Jun 13 j 05:01	0°♉	
	-10225 Jul 07 j 09:15	0°♊	
	-10225 Jul 31 j 18:26	0°♋	
desc. node	-10225 Aug 08 j 02:29	8°♋56'54	
	-10225 Aug 25 j 12:39	0°♌	
	-10225 Sep 19 j 23:30	0°♍	
	-10225 Oct 16 j 23:17	0°♎	
evening max el	-10225 Oct 25 j 04:01	8°♎27'14	46°07'39
	-10225 Nov 18 j 12:12	0°♏	
asc. node	-10225 Nov 27 j 21:23	5°♏56'08	
greatest brilliancy	-10225 Dec 02 j 13:30	8°♏06'29	-4.8m
retrograde	-10225 Dec 13 j 19:42	10°♏27'45	
evening set	-10225 Dec 30 j 07:42	5°♏06'42	
inferior conj	-10224 Jan 04 j 04:52	2°♏02'34	7°01'26
minimum elong	-10224 Jan 03 j 21:17	2°♏14'49	7°00'08
min. Earth dist.	-10224 Jan 03 j 23:11	2°♏11'44	0.29450 AU
	-10224 Jan 07 j 09:44	30°℞♎	
morning rise	-10224 Jan 08 j 11:04	29°♎21'01	
direct	-10224 Jan 25 j 23:05	23°♎31'56	
greatest brilliancy	-10224 Feb 04 j 05:55	25°♎05'19	-4.7m
	-10224 Feb 14 j 19:53	0°♏	
morning max el	-10224 Mar 14 j 18:56	23°♏08'24	46°01'21
desc. node	-10224 Mar 20 j 01:41	28°♏15'09	
	-10224 Mar 21 j 20:02	0°♐	
	-10224 Apr 19 j 01:13	0°♑	
	-10224 May 15 j 02:05	0°♒	
	-10224 Jun 09 j 00:03	0°♓	
	-10224 Jul 03 j 06:09	0°♈	
asc. node	-10224 Jul 09 j 15:08	7°♈58'29	
	-10224 Jul 27 j 03:24	0°♉	
	-10224 Aug 19 j 21:26	0°♊	
	-10224 Sep 12 j 16:43	0°♋	
morning set	-10224 Sep 13 j 10:09	0°♋54'47	
	-10224 Oct 06 j 16:00	0°♌	
superior conj	-10224 Oct 25 j 19:50	23°♌48'15	0°10'39
minimum elong	-10224 Oct 25 j 22:44	23°♌57'14	0°10'56
behind sun begin	-10224 Oct 25 j 02:45	22°♌55'21	
behind sun end	-10224 Oct 26 j 18:43	24°♌59'07	
desc. node	-10224 Oct 30 j 12:51	29°♌37'57	
	-10224 Oct 30 j 19:59	0°♍	
max. Earth dist.	-10224 Oct 31 j 06:53	0°♍33'45	1.72495 AU
	-10224 Nov 24 j 03:39	0°♎	
evening rise	-10224 Dec 05 j 13:47	14°♎02'37	
	-10224 Dec 18 j 13:43	0°♏	
	-10223 Jan 12 j 02:00	0°♐	
	-10223 Feb 05 j 18:05	0°♑	
asc. node	-10223 Feb 19 j 02:58	16°♑07'57	
	-10223 Mar 02 j 16:48	0°♒	
	-10223 Mar 28 j 01:41	0°♓	
	-10223 Apr 23 j 02:28	0°♈	
	-10223 May 20 j 10:36	0°♉	
evening max el	-10223 May 31 j 23:19	11°♉48'13	47°16'04
desc. node	-10223 Jun 12 j 07:45	22°♉35'38	
	-10223 Jun 20 j 23:51	0°♊	
greatest brilliancy	-10223 Jul 12 j 10:26	12°♊53'35	-4.9m
retrograde	-10223 Jul 21 j 14:47	14°♊29'40	
evening set	-10223 Aug 08 j 11:58	8°♊24'37	
inferior conj	-10223 Aug 11 j 08:20	6°♊40'32	-8°50'56
minimum elong	-10223 Aug 11 j 10:58	6°♊36'31	8°50'20
min. Earth dist.	-10223 Aug 10 j 20:30	6°♊58'43	0.26623 AU
morning rise	-10223 Aug 14 j 10:01	4°♊48'50	
	-10223 Aug 24 j 23:23	30°℞♉	
direct	-10223 Aug 31 j 11:56	29°♉06'49	
	-10223 Sep 07 j 05:22	0°♊	
greatest brilliancy	-10223 Sep 10 j 10:28	1°♊00'04	-4.9m
asc. node	-10223 Oct 02 j 02:02	14°♊40'58	
	-10223 Oct 18 j 16:55	0°♋	
morning max el	-10223 Oct 20 j 17:18	2°♋01'06	46°26'21
	-10223 Nov 15 j 22:09	0°♌	
	-10223 Dec 12 j 09:06	0°♍	
	-10222 Jan 07 j 05:06	0°♎	
desc. node	-10222 Jan 23 j 03:05	18°♎42'45	
	-10222 Feb 01 j 15:48	0°♏	
	-10222 Feb 26 j 17:29	0°♐	
	-10222 Mar 23 j 10:00	0°♑	
	-10222 Apr 16 j 18:17	0°♒	
morning set	-10222 Apr 17 j 16:16	1°♒08'10	
	-10222 May 10 j 20:06	0°♓	
asc. node	-10222 May 14 j 14:17	4°♓42'19	
max. Earth dist.	-10222 May 20 j 02:21	11°♓36'19	1.71625 AU
superior conj	-10222 May 23 j 18:15	16°♓12'11	0°21'11
minimum elong	-10222 May 23 j 14:01	15°♓58'53	0°20'47
	-10222 Jun 03 j 17:38	0°♈	
	-10222 Jun 27 j 13:13	0°♉	
evening rise	-10222 Jun 30 j 13:23	3°♉47'20	
	-10222 Jul 21 j 09:16	0°♊	
	-10222 Aug 14 j 08:06	0°♋	
desc. node	-10222 Sep 04 j 13:50	26°♋24'03	
	-10222 Sep 07 j 11:41	0°♌	
	-10222 Oct 01 j 21:46	0°♍	
	-10222 Oct 26 j 17:12	0°♎	
	-10222 Nov 21 j 05:08	0°♏	
	-10222 Dec 18 j 04:35	0°♐	
asc. node	-10222 Dec 25 j 07:35	7°♐25'50	
evening max el	-10221 Jan 03 j 18:51	16°♐49'31	44°55'20
	-10221 Jan 18 j 14:06	0°♑	
greatest brilliancy	-10221 Feb 10 j 07:24	13°♑55'50	-4.7m
retrograde	-10221 Feb 20 j 19:14	15°♑53'17	
evening set	-10221 Mar 09 j 14:48	10°♑36'49	
inferior conj	-10221 Mar 14 j 03:59	7°♑53'07	6°40'49
minimum elong	-10221 Mar 14 j 12:26	7°♑40'07	6°38'55
min. Earth dist.	-10221 Mar 15 j 09:31	7°♑07'42	0.28947 AU
morning rise	-10221 Mar 19 j 09:29	4°♑44'28	
	-10221 Mar 31 j 03:15	30°℞♐	
direct	-10221 Apr 05 j 01:44	29°♐31'12	
	-10221 Apr 10 j 03:04	0°♑	
greatest brilliancy	-10221 Apr 16 j 10:54	1°♑49'48	-4.8m
desc. node	-10221 Apr 17 j 12:56	2°♑15'52	
	-10221 May 24 j 04:03	0°♒	
morning max el	-10221 May 24 j 23:15	0°♒47'10	46°26'34
	-10221 Jun 21 j 08:20	0°♓	
	-10221 Jul 17 j 00:41	0°♈	
asc. node	-10221 Aug 07 j 04:18	25°♈43'12	
	-10221 Aug 10 j 15:41	0°♉	
	-10221 Sep 03 j 19:38	0°♊	
	-10221 Sep 27 j 20:59	0°♋	
	-10221 Oct 22 j 00:42	0°♌	
	-10221 Nov 15 j 08:31	0°♍	
desc. node	-10221 Nov 28 j 02:21	15°♍38'31	
morning set	-10221 Nov 29 j 21:46	17°♍51'40	
	-10221 Dec 09 j 19:29	0°♎	
	-10220 Jan 03 j 07:23	0°♏	
max. Earth dist.	-10220 Jan 06 j 19:36	4°♏18'03	1.73761 AU
superior conj	-10220 Jan 07 j 21:07	5°♏36'14	-1°13'28

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10220 Jan 07 j 14:23	5°♏15'36	1°13'37	
	-10220 Jan 27 j 18:28	0°♐		
evening rise	-10220 Feb 12 j 23:04	19°♐53'30		
greatest brilliancy	-10220 Feb 17 j 06:26	25°♐11'01	-3.9m	
	-10220 Feb 21 j 04:30	0°♑		
	-10220 Mar 16 j 14:33	0°♒		
asc. node	-10220 Mar 18 j 14:43	2°♒27'47		
	-10220 Apr 10 j 02:03	0°♓		
	-10220 May 04 j 16:16	0°♈		
	-10220 May 29 j 11:08	0°♉		
	-10220 Jun 23 j 14:59	0°♊		
desc. node	-10220 Jul 09 j 17:52	18°♊47'23		
	-10220 Jul 19 j 14:18	0°♋		
evening max el	-10220 Aug 12 j 06:04	25°♋32'32	47°43'21	
	-10220 Aug 16 j 16:30	0°♌		
greatest brilliancy	-10220 Sep 22 j 06:12	27°♌39'02	-4.9m	
retrograde	-10220 Oct 02 j 12:36	29°♌41'36		
evening set	-10220 Oct 17 j 12:03	25°♌03'40		
inferior conj	-10220 Oct 23 j 09:50	21°♌24'12	-1°28'38	
minimum elong	-10220 Oct 23 j 12:54	21°♌19'18	1°27'18	
min. Earth dist.	-10220 Oct 22 j 18:11	21°♌49'16	0.27705 AU	
morning rise	-10220 Oct 29 j 14:43	17°♌37'17		
asc. node	-10220 Oct 29 j 13:06	17°♌39'30		
direct	-10220 Nov 13 j 02:03	13°♌21'59		
greatest brilliancy	-10220 Nov 22 j 04:32	14°♌56'35	-4.8m	
	-10220 Dec 16 j 14:41	0°♍		
morning max el	-10219 Jan 01 j 03:10	13°♍55'21	46°01'23	
	-10219 Jan 17 j 04:21	0°♎		
	-10219 Feb 13 j 21:59	0°♏		
desc. node	-10219 Feb 19 j 15:55	6°♏27'14		
	-10219 Mar 12 j 04:45	0°♐		
	-10219 Apr 06 j 13:50	0°♑		
	-10219 May 01 j 07:05	0°♒		
	-10219 May 25 j 12:44	0°♓		
asc. node	-10219 Jun 11 j 03:46	20°♓49'39		
	-10219 Jun 18 j 10:35	0°♈		
greatest brilliancy	-10219 Jun 23 j 14:29	6°♈30'49	-3.9m	
morning set	-10219 Jun 26 j 04:24	9°♈46'19		
	-10219 Jul 12 j 04:13	0°♉		
	-10219 Aug 04 j 21:03	0°♊		
superior conj	-10219 Aug 05 j 04:54	0°♊24'51	1°23'11	
minimum elong	-10219 Aug 05 j 04:18	0°♊22'57	1°23'40	
max. Earth dist.	-10219 Aug 09 j 12:11	5°♊51'05	1.70764 AU	
	-10219 Aug 28 j 16:06	0°♋		
evening rise	-10219 Sep 17 j 02:18	24°♋19'53		
	-10219 Sep 21 j 15:22	0°♌		
desc. node	-10219 Oct 02 j 02:06	12°♌59'49		
	-10219 Oct 15 j 19:30	0°♍		
	-10219 Nov 09 j 04:26	0°♎		
	-10219 Dec 03 j 18:57	0°♏		
	-10219 Dec 28 j 18:15	0°♐		
asc. node	-10218 Jan 21 j 18:05	28°♐06'32		
	-10218 Jan 23 j 09:34	0°♑		
	-10218 Feb 19 j 06:58	0°♒		
evening max el	-10218 Mar 16 j 20:54	26°♒04'35	45°27'42	
	-10218 Mar 21 j 01:57	0°♓		
greatest brilliancy	-10218 Apr 24 j 18:32	23°♓51'33	-4.8m	
retrograde	-10218 May 04 j 16:44	25°♓36'12		
desc. node	-10218 May 14 j 23:43	23°♓34'45		
evening set	-10218 May 19 j 04:16	21°♓40'57		
inferior conj	-10218 May 25 j 14:30	18°♓03'01	-2°32'42	
minimum elong	-10218 May 25 j 08:52	18°♓11'23	2°31'13	
min. Earth dist.	-10218 May 25 j 22:44	17°♓50'47	0.26920 AU	
morning rise	-10218 May 31 j 12:46	14°♓39'26		
direct	-10218 Jun 15 j 12:42	10°♓23'05		
greatest brilliancy	-10218 Jun 26 j 18:16	12°♓42'08	-4.9m	
	-10218 Jul 22 j 03:48	0°♈		
morning max el	-10218 Aug 05 j 02:06	13°♈22'25	46°43'45	
	-10218 Aug 20 j 16:18	0°♉		
asc. node	-10218 Sep 03 j 16:50	15°♉53'01		
	-10218 Sep 15 j 18:42	0°♊		
	-10218 Oct 10 j 20:25	0°♋		
	-10218 Nov 04 j 15:21	0°♌		
	-10218 Nov 29 j 10:12	0°♍		
	-10218 Dec 24 j 05:49	0°♎		
desc. node	-10218 Dec 25 j 15:50	1°♎42'48		
	-10217 Jan 18 j 00:14	0°♏		
morning set	-10217 Feb 08 j 03:04	25°♏43'09		
	-10217 Feb 11 j 15:08	0°♐		
	-10217 Mar 08 j 01:33	0°♑		
max. Earth dist.	-10217 Mar 11 j 09:58	4°♑07'49	1.73330 AU	
superior conj	-10217 Mar 15 j 12:51	9°♑12'54	-1°03'34	
minimum elong	-10217 Mar 15 j 20:24	9°♑36'11	1°03'56	
	-10217 Apr 01 j 08:00	0°♒		
asc. node	-10217 Apr 16 j 03:25	18°♒22'51		
evening rise	-10217 Apr 19 j 19:18	22°♒55'53		
	-10217 Apr 25 j 11:43	0°♓		
	-10217 May 19 j 14:05	0°♈		
	-10217 Jun 12 j 16:34	0°♉		
	-10217 Jul 06 j 21:14	0°♊		
	-10217 Jul 31 j 06:59	0°♋		
desc. node	-10217 Aug 07 j 04:36	8°♋24'34		
	-10217 Aug 25 j 02:04	0°♌		
	-10217 Sep 19 j 14:31	0°♍		
	-10217 Oct 16 j 18:25	0°♎		
evening max el	-10217 Oct 22 j 18:40	6°♎09'59	46°11'20	
	-10217 Nov 19 j 07:18	0°♏		
asc. node	-10217 Nov 26 j 23:36	4°♏30'01		
greatest brilliancy	-10217 Nov 30 j 07:36	5°♏59'33	-4.8m	
retrograde	-10217 Dec 11 j 13:01	8°♏20'52		
evening set	-10217 Dec 27 j 22:52	3°♏03'00		
inferior conj	-10216 Jan 01 j 22:24	29°♎55'26	6°52'21	
minimum elong	-10216 Jan 01 j 14:32	0°♏08'08	6°50'56	
min. Earth dist.	-10216 Jan 01 j 16:00	0°♏05'46	0.29417 AU	
	-10216 Jan 01 j 19:34	30°℞♎		
morning rise	-10216 Jan 06 j 06:22	27°♎11'01		
direct	-10216 Jan 23 j 15:21	21°♎25'06		
greatest brilliancy	-10216 Feb 01 j 22:22	22°♎58'24	-4.7m	
	-10216 Feb 15 j 22:19	0°♏		
morning max el	-10216 Mar 12 j 10:32	20°♏58'31	46°00'56	
desc. node	-10216 Mar 19 j 03:56	27°♏30'42		
	-10216 Mar 21 j 15:37	0°♐		
	-10216 Apr 18 j 16:03	0°♑		
	-10216 May 14 j 15:06	0°♒		
	-10216 Jun 08 j 12:12	0°♓		
	-10216 Jul 02 j 17:50	0°♈		
asc. node	-10216 Jul 08 j 17:16	7°♈28'46		
	-10216 Jul 26 j 14:52	0°♉		
	-10216 Aug 19 j 08:47	0°♊		
morning set	-10216 Sep 10 j 19:24	28°♊17'31		
	-10216 Sep 12 j 04:00	0°♋		
	-10216 Oct 06 j 03:12	0°♌		
superior conj	-10216 Oct 23 j 05:42	21°♌15'42	0°14'26	
minimum elong	-10216 Oct 23 j 09:35	21°♌27'46	0°14'39	
behind sun begin	-10216 Oct 22 j 21:54	20°♌51'34		
behind sun end	-10216 Oct 23 j 21:16	22°♌03'58		
max. Earth dist.	-10216 Oct 28 j 20:08	28°♌11'57	1.72425 AU	
desc. node	-10216 Oct 29 j 15:03	29°♌10'27		
	-10216 Oct 30 j 07:04	0°♍		
	-10216 Nov 23 j 14:41	0°♎		
evening rise	-10216 Dec 03 j 04:14	11°♎45'39		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10216 Dec 18 j 00:46	0°♏	
	-10215 Jan 11 j 13:13	0°♐	
	-10215 Feb 05 j 05:41	0°♑	
asc. node	-10215 Feb 18 j 05:11	15°♑38'51	
	-10215 Mar 02 j 05:05	0°♒	
	-10215 Mar 27 j 15:09	0°♓	
	-10215 Apr 22 j 18:04	0°♈	
	-10215 May 20 j 06:59	0°♉	
evening max el	-10215 May 29 j 11:42	9°♉20'56	47°12'54
desc. node	-10215 Jun 11 j 09:53	21°♉31'35	
	-10215 Jun 21 j 16:50	0°♊	
greatest brilliancy	-10215 Jul 09 j 22:23	10°♊22'50	-4.9m
retrograde	-10215 Jul 19 j 03:03	11°♊59'23	
evening set	-10215 Aug 06 j 00:20	5°♊54'29	
inferior conj	-10215 Aug 08 j 20:38	4°♊10'59	-8°53'15
minimum elong	-10215 Aug 08 j 22:20	4°♊08'23	8°52'42
min. Earth dist.	-10215 Aug 08 j 08:41	4°♊29'14	0.26610 AU
morning rise	-10215 Aug 11 j 20:23	2°♊22'32	
	-10215 Aug 16 j 03:48	30°℞♉	
direct	-10215 Aug 29 j 00:13	26°♉37'29	
greatest brilliancy	-10215 Sep 07 j 23:50	28°♉32'01	-4.9m
	-10215 Sep 11 j 11:48	0°♊	
asc. node	-10215 Oct 01 j 04:27	13°♊32'04	
morning max el	-10215 Oct 18 j 07:14	29°♊36'57	46°27'21
	-10215 Oct 18 j 16:22	0°♋	
	-10215 Nov 15 j 14:47	0°♌	
	-10215 Dec 11 j 23:08	0°♍	
	-10214 Jan 06 j 17:46	0°♎	
desc. node	-10214 Jan 22 j 05:13	18°♎13'12	
	-10214 Feb 01 j 03:40	0°♏	
	-10214 Feb 26 j 04:51	0°♐	
	-10214 Mar 22 j 21:07	0°♑	
morning set	-10214 Apr 15 j 11:14	29°♑04'05	
	-10214 Apr 16 j 05:16	0°♒	
	-10214 May 10 j 07:05	0°♓	
asc. node	-10214 May 13 j 16:26	4°♓14'36	
max. Earth dist.	-10214 May 17 j 17:40	9°♓19'13	1.71681 AU
superior conj	-10214 May 21 j 11:04	13°♓59'40	0°18'02
minimum elong	-10214 May 21 j 07:28	13°♓48'22	0°17'37
	-10214 Jun 03 j 04:42	0°♈	
	-10214 Jun 27 j 00:25	0°♉	
evening rise	-10214 Jun 28 j 02:53	1°♉23'24	
	-10214 Jul 20 j 20:37	0°♊	
	-10214 Aug 13 j 19:38	0°♋	
desc. node	-10214 Sep 03 j 16:06	25°♋54'44	
	-10214 Sep 06 j 23:28	0°♌	
	-10214 Oct 01 j 09:55	0°♍	
	-10214 Oct 26 j 06:02	0°♎	
	-10214 Nov 20 j 19:21	0°♏	
	-10214 Dec 17 j 22:18	0°♐	
asc. node	-10214 Dec 24 j 09:49	6°♐42'17	
evening max el	-10213 Jan 01 j 11:07	14°♐40'06	44°56'19
	-10213 Jan 18 j 23:21	0°♑	
greatest brilliancy	-10213 Feb 07 j 22:02	11°♑46'27	-4.7m
retrograde	-10213 Feb 18 j 11:27	13°♑44'56	
evening set	-10213 Mar 07 j 09:05	8°♑24'40	
inferior conj	-10213 Mar 11 j 20:04	5°♑43'29	6°51'05
minimum elong	-10213 Mar 12 j 04:13	5°♑30'54	6°49'18
min. Earth dist.	-10213 Mar 13 j 00:34	4°♑59'32	0.29011 AU
morning rise	-10213 Mar 16 j 22:53	2°♑38'20	
	-10213 Mar 22 j 02:18	30°℞♐	
direct	-10213 Apr 02 j 18:54	27°♐20'38	
greatest brilliancy	-10213 Apr 14 j 01:25	29°♐37'00	-4.8m
	-10213 Apr 15 j 00:35	0°♑	
desc. node	-10213 Apr 16 j 15:12	0°♑41'45	
morning max el	-10213 May 22 j 15:40	28°♑34'13	46°25'33
	-10213 May 24 j 02:20	0°♒	
	-10213 Jun 21 j 00:24	0°♓	
	-10213 Jul 16 j 14:33	0°♈	
asc. node	-10213 Aug 06 j 06:30	25°♈10'12	
	-10213 Aug 10 j 04:29	0°♉	
	-10213 Sep 03 j 07:50	0°♊	
	-10213 Sep 27 j 08:47	0°♋	
	-10213 Oct 21 j 12:13	0°♌	
	-10213 Nov 14 j 19:50	0°♍	
morning set	-10213 Nov 27 j 11:05	15°♍30'53	
desc. node	-10213 Nov 27 j 04:20	15°♍10'12	
	-10213 Dec 09 j 06:39	0°♎	
	-10212 Jan 02 j 18:25	0°♏	
max. Earth dist.	-10212 Jan 04 j 18:46	2°♏28'09	1.73746 AU
superior conj	-10212 Jan 05 j 14:08	3°♏27'31	-1°12'06
minimum elong	-10212 Jan 05 j 06:56	3°♏05'27	1°12'13
	-10212 Jan 27 j 05:27	0°♐	
evening rise	-10212 Feb 10 j 18:24	17°♐51'36	
greatest brilliancy	-10212 Feb 16 j 00:24	24°♐18'36	-3.9m
	-10212 Feb 20 j 15:33	0°♑	
	-10212 Mar 16 j 01:52	0°♒	
asc. node	-10212 Mar 17 j 17:04	2°♒00'12	
	-10212 Apr 09 j 13:48	0°♓	
	-10212 May 04 j 04:40	0°♈	
	-10212 May 29 j 00:26	0°♉	
	-10212 Jun 23 j 05:38	0°♊	
desc. node	-10212 Jul 08 j 20:07	18°♊07'50	
	-10212 Jul 19 j 07:33	0°♋	
evening max el	-10212 Aug 09 j 22:49	23°♋15'46	47°44'59
	-10212 Aug 16 j 17:05	0°♌	
greatest brilliancy	-10212 Sep 19 j 23:08	25°♌20'37	-4.9m
retrograde	-10212 Sep 30 j 04:36	27°♌21'52	
evening set	-10212 Oct 15 j 05:07	22°♌42'37	
min. Earth dist.	-10212 Oct 20 j 09:44	19°♌30'14	0.27644 AU
inferior conj	-10212 Oct 21 j 01:18	19°♌05'18	-1°49'34
minimum elong	-10212 Oct 21 j 05:04	18°♌59'15	1°48'00
morning rise	-10212 Oct 27 j 06:00	15°♌18'49	
asc. node	-10212 Oct 28 j 15:17	14°♌34'27	
direct	-10212 Nov 10 j 17:15	11°♌04'33	
greatest brilliancy	-10212 Nov 19 j 19:23	12°♌39'03	-4.8m
	-10212 Dec 16 j 22:17	0°♍	
morning max el	-10212 Dec 29 j 18:34	11°♍42'08	46°01'45
	-10211 Jan 16 j 22:28	0°♎	
	-10211 Feb 13 j 12:28	0°♏	
desc. node	-10211 Feb 18 j 18:07	5°♏53'45	
	-10211 Mar 11 j 17:38	0°♐	
	-10211 Apr 06 j 01:52	0°♑	
	-10211 Apr 30 j 18:40	0°♒	
	-10211 May 25 j 00:07	0°♓	
asc. node	-10211 Jun 10 j 05:50	20°♓20'29	
	-10211 Jun 17 j 21:55	0°♈	
greatest brilliancy	-10211 Jun 22 j 12:38	5°♈49'14	-3.9m
morning set	-10211 Jun 23 j 17:56	7°♈21'42	
	-10211 Jul 11 j 15:33	0°♉	
superior conj	-10211 Aug 02 j 15:04	27°♉49'18	1°23'01
minimum elong	-10211 Aug 02 j 13:25	27°♉44'04	1°23'27
	-10211 Aug 04 j 08:26	0°♊	
max. Earth dist.	-10211 Aug 06 j 11:19	2°♊40'48	1.70741 AU
	-10211 Aug 28 j 03:31	0°♋	
evening rise	-10211 Sep 14 j 09:32	21°♋36'49	
	-10211 Sep 21 j 02:49	0°♌	
desc. node	-10211 Oct 01 j 04:19	12°♌31'09	
	-10211 Oct 15 j 06:59	0°♍	
	-10211 Nov 08 j 16:03	0°♎	
	-10211 Dec 03 j 06:50	0°♏	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10211 Dec 28 j 06:49	0°♐	
asc. node	-10210 Jan 20 j 20:21	27°♐33'16	
	-10210 Jan 22 j 23:32	0°♑	
	-10210 Feb 19 j 00:05	0°♒	
evening max el	-10210 Mar 14 j 09:55	23°♒44'29	45°24'47
	-10210 Mar 21 j 05:00	0°♓	
greatest brilliancy	-10210 Apr 22 j 07:09	21°♓28'54	-4.8m
retrograde	-10210 May 02 j 04:20	23°♓13'02	
desc. node	-10210 May 14 j 01:48	20°♓32'18	
evening set	-10210 May 16 j 16:12	19°♓18'15	
inferior conj	-10210 May 23 j 03:08	15°♓39'40	-2°10'25
minimum elong	-10210 May 22 j 22:17	15°♓46'53	2°09'11
min. Earth dist.	-10210 May 23 j 13:15	15°♓24'39	0.26971 AU
morning rise	-10210 May 29 j 03:31	12°♓12'56	
direct	-10210 Jun 13 j 01:40	7°♓58'20	
greatest brilliancy	-10210 Jun 24 j 09:41	10°♓19'06	-4.9m
	-10210 Jul 22 j 09:58	0°♈	
morning max el	-10210 Aug 02 j 14:15	10°♈51'58	46°43'43
	-10210 Aug 20 j 10:48	0°♉	
asc. node	-10210 Sep 02 j 19:07	15°♉12'08	
	-10210 Sep 15 j 09:50	0°♊	
	-10210 Oct 10 j 10:00	0°♋	
	-10210 Nov 04 j 04:01	0°♌	
	-10210 Nov 28 j 22:14	0°♍	
	-10210 Dec 23 j 17:24	0°♎	
desc. node	-10210 Dec 24 j 18:00	1°♎14'22	
	-10209 Jan 17 j 11:30	0°♏	
morning set	-10209 Feb 05 j 21:38	23°♏39'21	
	-10209 Feb 11 j 02:13	0°♐	
	-10209 Mar 07 j 12:35	0°♑	
max. Earth dist.	-10209 Mar 09 j 06:25	2°♑08'56	1.73375 AU
superior conj	-10209 Mar 13 j 08:50	7°♑12'25	-1°05'19
minimum elong	-10209 Mar 13 j 16:13	7°♑35'13	1°05'41
	-10209 Mar 31 j 19:06	0°♒	
asc. node	-10209 Apr 15 j 05:32	17°♒54'44	
evening rise	-10209 Apr 17 j 14:33	20°♒51'48	
	-10209 Apr 24 j 22:59	0°♓	
	-10209 May 19 j 01:35	0°♈	
	-10209 Jun 12 j 04:25	0°♉	
	-10209 Jul 06 j 09:32	0°♊	
	-10209 Jul 30 j 19:54	0°♋	
desc. node	-10209 Aug 06 j 06:53	7°♋51'44	
	-10209 Aug 24 j 15:54	0°♌	
	-10209 Sep 19 j 06:04	0°♍	
	-10209 Oct 16 j 14:26	0°♎	
evening max el	-10209 Oct 20 j 09:41	3°♎52'43	46°15'09
	-10209 Nov 20 j 10:01	0°♏	
asc. node	-10209 Nov 26 j 01:50	3°♏00'25	
greatest brilliancy	-10209 Nov 28 j 01:21	3°♏51'29	-4.8m
retrograde	-10209 Dec 09 j 06:50	6°♏13'39	
evening set	-10209 Dec 25 j 14:08	0°♏58'43	
	-10209 Dec 27 j 04:54	30°℞♎	
inferior conj	-10209 Dec 30 j 16:03	27°♎47'49	6°42'38
minimum elong	-10209 Dec 30 j 07:55	28°♎00'54	6°41'08
min. Earth dist.	-10209 Dec 30 j 08:40	27°♎59'42	0.29379 AU
morning rise	-10208 Jan 04 j 01:54	25°♎00'40	
direct	-10208 Jan 21 j 07:50	19°♎17'51	
greatest brilliancy	-10208 Jan 30 j 14:40	20°♎51'06	-4.7m
	-10208 Feb 16 j 17:56	0°♏	
morning max el	-10208 Mar 10 j 02:57	18°♏50'10	46°00'28
desc. node	-10208 Mar 18 j 06:11	26°♏46'19	
	-10208 Mar 21 j 10:54	0°♐	
	-10208 Apr 18 j 06:59	0°♑	
	-10208 May 14 j 04:20	0°♒	
	-10208 Jun 08 j 00:36	0°♓	
	-10208 Jul 02 j 05:47	0°♈	
asc. node	-10208 Jul 07 j 19:30	6°♈58'29	
	-10208 Jul 26 j 02:35	0°♉	
	-10208 Aug 18 j 20:23	0°♊	
morning set	-10208 Sep 08 j 04:36	25°♊39'14	
	-10208 Sep 11 j 15:32	0°♋	
	-10208 Oct 05 j 14:39	0°♌	
superior conj	-10208 Oct 20 j 15:22	18°♌41'31	0°18'11
minimum elong	-10208 Oct 20 j 20:14	18°♌56'39	0°18'23
max. Earth dist.	-10208 Oct 26 j 07:38	25°♌43'44	1.72356 AU
desc. node	-10208 Oct 28 j 17:03	28°♌41'27	
	-10208 Oct 29 j 18:27	0°♍	
	-10208 Nov 23 j 02:00	0°♎	
evening rise	-10208 Nov 30 j 18:36	9°♎27'37	
	-10208 Dec 17 j 12:05	0°♏	
	-10207 Jan 11 j 00:41	0°♐	
	-10207 Feb 04 j 17:30	0°♑	
asc. node	-10207 Feb 17 j 07:34	15°♑09'36	
	-10207 Mar 01 j 17:35	0°♒	
	-10207 Mar 27 j 04:56	0°♓	
	-10207 Apr 22 j 10:10	0°♈	
	-10207 May 20 j 04:22	0°♉	
evening max el	-10207 May 27 j 01:05	6°♉55'22	47°09'34
desc. node	-10207 Jun 10 j 12:10	20°♉25'14	
	-10207 Jun 22 j 16:06	0°♊	
greatest brilliancy	-10207 Jul 07 j 09:38	7°♊50'20	-4.9m
retrograde	-10207 Jul 16 j 15:41	9°♊27'56	
evening set	-10207 Aug 03 j 12:01	3°♊24'02	
inferior conj	-10207 Aug 06 j 08:47	1°♊40'11	-8°54'21
minimum elong	-10207 Aug 06 j 09:33	1°♊39'01	8°53'52
min. Earth dist.	-10207 Aug 05 j 20:23	1°♊59'04	0.26596 AU
morning rise	-10207 Aug 09 j 07:09	29°♉54'14	
	-10207 Aug 09 j 03:14	30°℞♉	
direct	-10207 Aug 26 j 12:57	24°♉07'13	
greatest brilliancy	-10207 Sep 05 j 12:30	26°♉02'14	-4.9m
	-10207 Sep 13 j 16:50	0°♊	
asc. node	-10207 Sep 30 j 06:39	12°♊23'48	
morning max el	-10207 Oct 15 j 21:26	27°♊12'45	46°28'16
	-10207 Oct 18 j 15:07	0°♋	
	-10207 Nov 15 j 07:21	0°♌	
	-10207 Dec 11 j 13:16	0°♍	
	-10206 Jan 06 j 06:36	0°♎	
desc. node	-10206 Jan 21 j 07:24	17°♎43'13	
	-10206 Jan 31 j 15:42	0°♏	
	-10206 Feb 25 j 16:23	0°♐	
	-10206 Mar 22 j 08:20	0°♑	
morning set	-10206 Apr 13 j 06:34	27°♑00'57	
	-10206 Apr 15 j 16:22	0°♒	
	-10206 May 09 j 18:11	0°♓	
asc. node	-10206 May 12 j 18:35	3°♓46'31	
max. Earth dist.	-10206 May 15 j 08:10	6°♓59'20	1.71744 AU
superior conj	-10206 May 19 j 04:10	11°♓47'44	0°14'52
minimum elong	-10206 May 19 j 01:13	11°♓38'27	0°14'29
behind sun begin	-10206 May 18 j 15:13	11°♓07'06	
behind sun end	-10206 May 19 j 11:13	12°♓09'49	
	-10206 Jun 02 j 15:56	0°♈	
evening rise	-10206 Jun 25 j 16:30	28°♈59'11	
	-10206 Jun 26 j 11:49	0°♉	
	-10206 Jul 20 j 08:12	0°♊	
	-10206 Aug 13 j 07:25	0°♋	
desc. node	-10206 Sep 02 j 18:17	25°♋24'26	
	-10206 Sep 06 j 11:29	0°♌	
	-10206 Sep 30 j 22:19	0°♍	
	-10206 Oct 25 j 19:08	0°♎	
	-10206 Nov 20 j 09:55	0°♏	
	-10206 Dec 17 j 16:39	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10206 Dec 23 j 12:11	5°♐57'52	
evening max el	-10206 Dec 30 j 03:25	12°♐30'10	44°57'23
	-10205 Jan 19 j 12:03	0°♑	
greatest brilliancy	-10205 Feb 05 j 13:34	9°♑37'57	-4.7m
retrograde	-10205 Feb 16 j 03:27	11°♑36'40	
evening set	-10205 Mar 05 j 03:28	6°♑13'00	
inferior conj	-10205 Mar 09 j 12:20	3°♑34'18	7°00'41
minimum elong	-10205 Mar 09 j 20:10	3°♑22'10	6°59'01
min. Earth dist.	-10205 Mar 10 j 15:56	2°♑51'34	0.29067 AU
morning rise	-10205 Mar 14 j 12:26	0°♑32'30	
	-10205 Mar 15 j 11:23	30°℞♐	
direct	-10205 Mar 31 j 11:54	25°♐10'41	
greatest brilliancy	-10205 Apr 11 j 15:51	27°♐24'29	-4.8m
desc. node	-10205 Apr 15 j 17:14	29°♐10'43	
	-10205 Apr 17 j 07:58	0°♑	
morning max el	-10205 May 20 j 07:08	26°♑19'17	46°24'28
	-10205 May 23 j 23:44	0°♒	
	-10205 Jun 20 j 16:14	0°♓	
	-10205 Jul 16 j 04:22	0°♈	
asc. node	-10205 Aug 05 j 08:46	24°♈37'13	
	-10205 Aug 09 j 17:19	0°♉	
	-10205 Sep 02 j 20:07	0°♊	
	-10205 Sep 26 j 20:42	0°♋	
	-10205 Oct 20 j 23:51	0°♌	
	-10205 Nov 14 j 07:14	0°♍	
morning set	-10205 Nov 24 j 23:58	13°♍08'33	
desc. node	-10205 Nov 26 j 06:31	14°♍42'16	
	-10205 Dec 08 j 17:52	0°♎	
	-10204 Jan 02 j 05:30	0°♏	
max. Earth dist.	-10204 Jan 02 j 17:24	0°♏36'26	1.73727 AU
superior conj	-10204 Jan 03 j 06:51	1°♏17'41	-1°10'37
minimum elong	-10204 Jan 02 j 23:15	0°♏54'23	1°10'42
	-10204 Jan 26 j 16:29	0°♐	
evening rise	-10204 Feb 08 j 13:38	15°♐49'11	
greatest brilliancy	-10204 Feb 14 j 21:35	23°♐35'54	-3.9m
	-10204 Feb 20 j 02:40	0°♑	
	-10204 Mar 15 j 13:13	0°♒	
asc. node	-10204 Mar 16 j 19:13	1°♒31'59	
	-10204 Apr 09 j 01:33	0°♓	
	-10204 May 03 j 17:02	0°♈	
	-10204 May 28 j 13:41	0°♉	
	-10204 Jun 22 j 20:21	0°♊	
desc. node	-10204 Jul 07 j 22:22	17°♊28'03	
	-10204 Jul 19 j 01:08	0°♋	
evening max el	-10204 Aug 07 j 14:23	20°♋55'35	47°46'10
	-10204 Aug 16 j 19:06	0°♌	
greatest brilliancy	-10204 Sep 17 j 16:18	23°♌01'12	-4.9m
retrograde	-10204 Sep 27 j 19:47	25°♌00'20	
evening set	-10204 Oct 12 j 21:58	20°♌19'41	
min. Earth dist.	-10204 Oct 18 j 01:17	17°♌09'03	0.27586 AU
inferior conj	-10204 Oct 18 j 16:23	16°♌44'51	-2°10'34
minimum elong	-10204 Oct 18 j 20:50	16°♌37'42	2°08'48
morning rise	-10204 Oct 24 j 20:41	12°♌58'51	
asc. node	-10204 Oct 27 j 17:30	11°♌31'06	
direct	-10204 Nov 08 j 07:36	8°♌45'30	
greatest brilliancy	-10204 Nov 17 j 10:25	10°♌20'24	-4.8m
	-10204 Dec 17 j 03:54	0°♍	
morning max el	-10204 Dec 27 j 08:40	9°♍25'15	46°02'16
	-10203 Jan 16 j 16:13	0°♎	
	-10203 Feb 13 j 02:47	0°♏	
desc. node	-10203 Feb 17 j 20:18	5°♏20'27	
	-10203 Mar 11 j 06:22	0°♐	
	-10203 Apr 05 j 13:47	0°♑	
	-10203 Apr 30 j 06:09	0°♒	
	-10203 May 24 j 11:23	0°♓	
asc. node	-10203 Jun 09 j 08:08	19°♓52'37	
	-10203 Jun 17 j 09:05	0°♈	
morning set	-10203 Jun 21 j 08:02	4°♈59'30	
	-10203 Jul 11 j 02:43	0°♉	
superior conj	-10203 Jul 31 j 01:40	25°♉15'41	1°22'38
minimum elong	-10203 Jul 30 j 22:59	25°♉07'13	1°23'04
max. Earth dist.	-10203 Aug 03 j 09:11	29°♉26'59	1.70728 AU
	-10203 Aug 03 j 19:38	0°♊	
	-10203 Aug 27 j 14:48	0°♋	
evening rise	-10203 Sep 11 j 16:39	18°♋53'40	
	-10203 Sep 20 j 14:10	0°♌	
desc. node	-10203 Sep 30 j 06:21	12°♌02'08	
	-10203 Oct 14 j 18:26	0°♍	
	-10203 Nov 08 j 03:37	0°♎	
	-10203 Dec 02 j 18:43	0°♏	
	-10203 Dec 27 j 19:23	0°♐	
asc. node	-10202 Jan 19 j 22:39	27°♐00'09	
	-10202 Jan 22 j 13:33	0°♑	
	-10202 Feb 18 j 17:28	0°♒	
evening max el	-10202 Mar 11 j 22:32	21°♒23'57	45°22'03
	-10202 Mar 21 j 09:36	0°♓	
greatest brilliancy	-10202 Apr 19 j 19:29	19°♓06'32	-4.8m
retrograde	-10202 Apr 29 j 16:27	20°♓50'50	
desc. node	-10202 May 13 j 04:08	17°♓25'53	
evening set	-10202 May 14 j 04:20	16°♓55'55	
inferior conj	-10202 May 20 j 15:47	13°♓17'05	-1°47'56
minimum elong	-10202 May 20 j 11:43	13°♓23'07	1°46'57
min. Earth dist.	-10202 May 21 j 03:40	12°♓59'27	0.27021 AU
morning rise	-10202 May 26 j 18:08	9°♓47'43	
direct	-10202 Jun 10 j 14:40	5°♓34'17	
greatest brilliancy	-10202 Jun 22 j 01:05	7°♓57'08	-4.9m
	-10202 Jul 22 j 13:48	0°♈	
morning max el	-10202 Jul 31 j 03:15	8°♈24'49	46°43'49
	-10202 Aug 20 j 04:31	0°♉	
asc. node	-10202 Sep 01 j 21:18	14°♉32'21	
	-10202 Sep 15 j 00:29	0°♊	
	-10202 Oct 09 j 23:13	0°♋	
	-10202 Nov 03 j 16:25	0°♌	
	-10202 Nov 28 j 10:05	0°♍	
	-10202 Dec 23 j 04:50	0°♎	
desc. node	-10202 Dec 23 j 20:12	0°♎46'31	
	-10201 Jan 16 j 22:36	0°♏	
morning set	-10201 Feb 03 j 15:38	21°♏34'18	
	-10201 Feb 10 j 13:07	0°♐	
	-10201 Mar 06 j 23:25	0°♑	
max. Earth dist.	-10201 Mar 07 j 04:24	0°♑15'19	1.73417 AU
superior conj	-10201 Mar 11 j 04:27	5°♑11'27	-1°06'59
minimum elong	-10201 Mar 11 j 11:40	5°♑33'42	1°07'24
	-10201 Mar 31 j 06:00	0°♒	
asc. node	-10201 Apr 14 j 07:41	17°♒27'18	
evening rise	-10201 Apr 15 j 09:42	18°♒48'06	
	-10201 Apr 24 j 10:03	0°♓	
	-10201 May 18 j 12:54	0°♈	
	-10201 Jun 11 j 16:03	0°♉	
	-10201 Jul 05 j 21:36	0°♊	
	-10201 Jul 30 j 08:31	0°♋	
desc. node	-10201 Aug 05 j 09:05	7°♋19'32	
	-10201 Aug 24 j 05:26	0°♌	
	-10201 Sep 18 j 21:25	0°♍	
	-10201 Oct 16 j 10:42	0°♎	
evening max el	-10201 Oct 18 j 01:19	1°♎37'54	46°18'48
	-10201 Nov 22 j 00:11	0°♏	
asc. node	-10201 Nov 25 j 04:13	1°♏28'15	
greatest brilliancy	-10201 Nov 25 j 18:34	1°♏42'59	-4.8m
retrograde	-10201 Dec 07 j 00:57	4°♏06'17	
	-10201 Dec 21 j 06:54	30°℞♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10201 Dec 23 j 05:13	28°♎54'15	
inferior conj	-10201 Dec 28 j 09:28	25°♎39'56	6°32'12
minimum elong	-10201 Dec 28 j 01:08	25°♎53'20	6°30'37
min. Earth dist.	-10201 Dec 28 j 00:53	25°♎53'45	0.29343 AU
morning rise	-10200 Jan 01 j 21:19	22°♎49'59	
direct	-10200 Jan 19 j 00:29	17°♎10'24	
greatest brilliancy	-10200 Jan 28 j 06:20	18°♎43'15	-4.7m
	-10200 Feb 17 j 08:28	0°♏	
morning max el	-10200 Mar 07 j 19:58	16°♏43'51	46°00'00
desc. node	-10200 Mar 17 j 08:15	26°♏02'36	
	-10200 Mar 21 j 05:29	0°♐	
	-10200 Apr 17 j 21:30	0°♑	
	-10200 May 13 j 17:13	0°♒	
	-10200 Jun 07 j 12:41	0°♓	
	-10200 Jul 01 j 17:27	0°♈	
asc. node	-10200 Jul 06 j 21:40	6°♈28'53	
	-10200 Jul 25 j 14:00	0°♉	
	-10200 Aug 18 j 07:41	0°♊	
morning set	-10200 Sep 05 j 14:14	23°♊03'19	
	-10200 Sep 11 j 02:42	0°♋	
	-10200 Oct 05 j 01:44	0°♌	
superior conj	-10200 Oct 18 j 01:12	16°♌08'54	0°21'52
minimum elong	-10200 Oct 18 j 07:02	16°♌27'01	0°22'04
max. Earth dist.	-10200 Oct 23 j 20:52	23°♌22'00	1.72290 AU
desc. node	-10200 Oct 27 j 19:16	28°♌14'19	
	-10200 Oct 29 j 05:26	0°♍	
	-10200 Nov 22 j 12:57	0°♎	
evening rise	-10200 Nov 28 j 08:59	7°♎10'38	
	-10200 Dec 16 j 23:06	0°♏	
	-10199 Jan 10 j 11:52	0°♐	
	-10199 Feb 04 j 05:05	0°♑	
asc. node	-10199 Feb 16 j 09:41	14°♑40'16	
	-10199 Mar 01 j 05:55	0°♒	
	-10199 Mar 26 j 18:34	0°♓	
	-10199 Apr 22 j 02:17	0°♈	
	-10199 May 20 j 02:14	0°♉	
evening max el	-10199 May 24 j 15:02	4°♉32'07	47°06'09
desc. node	-10199 Jun 09 j 14:27	19°♉17'43	
	-10199 Jun 23 j 23:29	0°♊	
greatest brilliancy	-10199 Jul 04 j 20:27	5°♊18'07	-4.9m
retrograde	-10199 Jul 14 j 04:21	6°♊56'42	
evening set	-10199 Jul 31 j 23:02	0°♊54'52	
	-10199 Aug 02 j 11:37	30°℞♉	
inferior conj	-10199 Aug 03 j 20:44	29°♉09'44	-8°54'29
minimum elong	-10199 Aug 03 j 20:32	29°♉10'01	8°54'02
min. Earth dist.	-10199 Aug 03 j 07:46	29°♉29'26	0.26579 AU
morning rise	-10199 Aug 06 j 18:08	27°♉25'29	
direct	-10199 Aug 24 j 01:40	21°♉37'33	
greatest brilliancy	-10199 Sep 03 j 00:31	23°♉32'13	-4.9m
	-10199 Sep 15 j 03:20	0°♊	
asc. node	-10199 Sep 29 j 08:48	11°♊18'07	
morning max el	-10199 Oct 13 j 11:21	24°♊48'44	46°29'19
	-10199 Oct 18 j 12:36	0°♋	
	-10199 Nov 14 j 23:13	0°♌	
	-10199 Dec 11 j 02:51	0°♍	
	-10198 Jan 05 j 18:58	0°♎	
desc. node	-10198 Jan 20 j 09:29	17°♎14'06	
	-10198 Jan 31 j 03:21	0°♏	
	-10198 Feb 25 j 03:36	0°♐	
	-10198 Mar 21 j 19:18	0°♑	
morning set	-10198 Apr 11 j 01:41	24°♑57'56	
	-10198 Apr 15 j 03:13	0°♒	
	-10198 May 09 j 05:03	0°♓	
asc. node	-10198 May 11 j 20:51	3°♓19'35	
max. Earth dist.	-10198 May 12 j 21:00	4°♓35'11	1.71806 AU
superior conj	-10198 May 16 j 21:11	9°♓36'25	0°11'41
minimum elong	-10198 May 16 j 18:52	9°♓29'11	0°11'19
behind sun begin	-10198 May 16 j 02:30	8°♓37'51	
behind sun end	-10198 May 17 j 11:15	10°♓20'32	
	-10198 Jun 02 j 02:54	0°♈	
evening rise	-10198 Jun 23 j 06:10	26°♈35'59	
	-10198 Jun 25 j 22:58	0°♉	
	-10198 Jul 19 j 19:33	0°♊	
	-10198 Aug 12 j 18:57	0°♋	
desc. node	-10198 Sep 01 j 20:22	24°♋54'32	
	-10198 Sep 05 j 23:16	0°♌	
	-10198 Sep 30 j 10:29	0°♍	
	-10198 Oct 25 j 07:59	0°♎	
	-10198 Nov 20 j 00:14	0°♏	
	-10198 Dec 17 j 10:58	0°♐	
asc. node	-10198 Dec 22 j 14:25	5°♐13'41	
evening max el	-10198 Dec 27 j 19:03	10°♐19'41	44°58'27
	-10197 Jan 20 j 04:24	0°♑	
greatest brilliancy	-10197 Feb 03 j 05:33	7°♑31'01	-4.7m
retrograde	-10197 Feb 13 j 19:05	9°♑29'41	
evening set	-10197 Mar 02 j 21:50	4°♑02'39	
inferior conj	-10197 Mar 07 j 04:45	1°♑26'20	7°09'30
minimum elong	-10197 Mar 07 j 12:11	1°♑14'46	7°07'59
min. Earth dist.	-10197 Mar 08 j 07:42	0°♑44'27	0.29125 AU
	-10197 Mar 09 j 12:31	30°℞♐	
morning rise	-10197 Mar 12 j 02:08	28°♐27'49	
direct	-10197 Mar 29 j 04:36	23°♐01'46	
greatest brilliancy	-10197 Apr 09 j 06:55	25°♐13'27	-4.7m
desc. node	-10197 Apr 14 j 19:34	27°♐43'39	
	-10197 Apr 18 j 19:34	0°♑	
morning max el	-10197 May 17 j 22:05	24°♑03'34	46°23'23
	-10197 May 23 j 20:16	0°♒	
	-10197 Jun 20 j 07:40	0°♓	
	-10197 Jul 15 j 17:53	0°♈	
asc. node	-10197 Aug 04 j 10:53	24°♈04'33	
	-10197 Aug 09 j 05:54	0°♉	
	-10197 Sep 02 j 08:08	0°♊	
	-10197 Sep 26 j 08:23	0°♋	
	-10197 Oct 20 j 11:16	0°♌	
	-10197 Nov 13 j 18:26	0°♍	
morning set	-10197 Nov 22 j 12:57	10°♍47'02	
desc. node	-10197 Nov 25 j 08:42	14°♍14'58	
	-10197 Dec 08 j 04:51	0°♎	
superior conj	-10197 Dec 31 j 23:45	29°♎09'11	-1°09'03
minimum elong	-10197 Dec 31 j 15:46	28°♎44'44	1°09'04
max. Earth dist.	-10197 Dec 31 j 15:10	28°♎42'53	1.73702 AU
	-10196 Jan 01 j 16:20	0°♏	
	-10196 Jan 26 j 03:16	0°♐	
evening rise	-10196 Feb 06 j 09:03	13°♐48'09	
greatest brilliancy	-10196 Feb 13 j 14:48	22°♐41'43	-3.9m
	-10196 Feb 19 j 13:34	0°♑	
	-10196 Mar 15 j 00:23	0°♒	
asc. node	-10196 Mar 15 j 21:24	1°♒04'22	
	-10196 Apr 08 j 13:12	0°♓	
	-10196 May 03 j 05:21	0°♈	
	-10196 May 28 j 02:58	0°♉	
	-10196 Jun 22 j 11:09	0°♊	
desc. node	-10196 Jul 07 j 00:33	16°♊47'52	
	-10196 Jul 18 j 18:59	0°♋	
evening max el	-10196 Aug 05 j 04:52	18°♋32'50	47°47'19
	-10196 Aug 16 j 22:26	0°♌	
greatest brilliancy	-10196 Sep 15 j 09:44	20°♌42'09	-4.9m
retrograde	-10196 Sep 25 j 10:33	22°♌38'59	
evening set	-10196 Oct 10 j 14:53	17°♌56'31	
min. Earth dist.	-10196 Oct 15 j 17:03	14°♌47'40	0.27528 AU
inferior conj	-10196 Oct 16 j 07:26	14°♌24'35	-2°31'29

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10196 Oct 16 j 12:34	14°♌16'22	2°29'31	
morning rise	-10196 Oct 22 j 11:08	10°♌39'19		
asc. node	-10196 Oct 26 j 19:54	8°♌32'00		
direct	-10196 Nov 05 j 21:31	6°♌26'22		
greatest brilliancy	-10196 Nov 15 j 01:53	8°♌02'19	-4.8m	
	-10196 Dec 17 j 07:31	0°♍		
morning max el	-10196 Dec 24 j 22:40	7°♍08'14	46°03'02	
	-10195 Jan 16 j 09:26	0°♎		
	-10195 Feb 12 j 16:46	0°♏		
desc. node	-10195 Feb 16 j 22:22	4°♏47'31		
	-10195 Mar 10 j 18:53	0°♐		
	-10195 Apr 05 j 01:32	0°♑		
	-10195 Apr 29 j 17:31	0°♒		
	-10195 May 23 j 22:37	0°♓		
asc. node	-10195 Jun 08 j 10:16	19°♓24'12		
	-10195 Jun 16 j 20:17	0°♈		
morning set	-10195 Jun 18 j 22:08	2°♈37'13		
	-10195 Jul 10 j 13:55	0°♉		
superior conj	-10195 Jul 28 j 12:08	22°♉41'26	1°22'06	
minimum elong	-10195 Jul 28 j 08:29	22°♉29'55	1°22'30	
max. Earth dist.	-10195 Jul 31 j 08:04	26°♉16'16	1.70719 AU	
	-10195 Aug 03 j 06:52	0°♊		
	-10195 Aug 27 j 02:06	0°♋		
evening rise	-10195 Sep 08 j 23:38	16°♋10'01		
	-10195 Sep 20 j 01:33	0°♌		
desc. node	-10195 Sep 29 j 08:36	11°♌33'47		
	-10195 Oct 14 j 05:53	0°♍		
	-10195 Nov 07 j 15:13	0°♎		
	-10195 Dec 02 j 06:38	0°♏		
	-10195 Dec 27 j 08:00	0°♐		
asc. node	-10194 Jan 19 j 00:52	26°♐26'43		
	-10194 Jan 22 j 03:40	0°♑		
	-10194 Feb 18 j 11:07	0°♒		
evening max el	-10194 Mar 09 j 11:56	19°♒06'01	45°19'31	
	-10194 Mar 21 j 15:57	0°♓		
greatest brilliancy	-10194 Apr 17 j 07:15	16°♓44'34	-4.8m	
retrograde	-10194 Apr 27 j 05:15	18°♓29'43		
evening set	-10194 May 11 j 16:56	14°♓34'12		
desc. node	-10194 May 12 j 06:21	14°♓16'56		
inferior conj	-10194 May 18 j 04:37	10°♓55'12	-1°25'34	
minimum elong	-10194 May 18 j 01:22	11°♓00'00	1°24'50	
min. Earth dist.	-10194 May 18 j 17:55	10°♓35'30	0.27082 AU	
morning rise	-10194 May 24 j 08:50	7°♓23'32		
direct	-10194 Jun 08 j 04:28	3°♓10'49		
greatest brilliancy	-10194 Jun 19 j 16:23	5°♓35'20	-4.9m	
	-10194 Jul 22 j 16:15	0°♈		
morning max el	-10194 Jul 28 j 17:34	6°♈00'38	46°43'41	
	-10194 Aug 19 j 22:06	0°♉		
asc. node	-10194 Aug 31 j 23:29	13°♉52'15		
	-10194 Sep 14 j 15:11	0°♊		
	-10194 Oct 09 j 12:33	0°♋		
	-10194 Nov 03 j 04:56	0°♌		
	-10194 Nov 27 j 22:01	0°♍		
desc. node	-10194 Dec 22 j 22:12	0°♎17'45		
	-10194 Dec 22 j 16:20	0°♎		
	-10193 Jan 16 j 09:48	0°♏		
morning set	-10193 Feb 01 j 09:44	19°♏29'11		
	-10193 Feb 10 j 00:08	0°♐		
max. Earth dist.	-10193 Mar 05 j 03:48	28°♐25'51	1.73451 AU	
	-10193 Mar 06 j 10:21	0°♑		
superior conj	-10193 Mar 09 j 00:20	3°♑11'04	-1°08'35	
minimum elong	-10193 Mar 09 j 07:21	3°♑32'42	1°08'59	
	-10193 Mar 30 j 16:58	0°♒		
evening rise	-10193 Apr 13 j 05:16	16°♒45'34		
asc. node	-10193 Apr 13 j 10:01	17°♒00'19		
	-10193 Apr 23 j 21:11	0°♓		
	-10193 May 18 j 00:19	0°♈		
	-10193 Jun 11 j 03:53	0°♉		
	-10193 Jul 05 j 09:55	0°♊		
	-10193 Jul 29 j 21:30	0°♋		
desc. node	-10193 Aug 04 j 11:13	6°♋46'04		
	-10193 Aug 23 j 19:24	0°♌		
	-10193 Sep 18 j 13:20	0°♍		
evening max el	-10193 Oct 15 j 17:48	29°♍24'09	46°22'39	
	-10193 Oct 16 j 08:02	0°♎		
greatest brilliancy	-10193 Nov 23 j 11:48	29°♎33'31	-4.8m	
asc. node	-10193 Nov 24 j 06:24	29°♎51'43		
	-10193 Nov 24 j 15:15	0°♏		
retrograde	-10193 Dec 04 j 19:14	1°♏57'40		
	-10193 Dec 14 j 12:09	30°℞♎		
evening set	-10193 Dec 20 j 20:20	26°♎48'43		
min. Earth dist.	-10193 Dec 25 j 16:51	23°♎46'54	0.29299 AU	
inferior conj	-10193 Dec 26 j 02:48	23°♎30'55	6°21'22	
minimum elong	-10193 Dec 25 j 18:19	23°♎44'33	6°19'41	
morning rise	-10193 Dec 30 j 16:39	20°♎38'06		
direct	-10192 Jan 16 j 17:25	15°♎02'03		
greatest brilliancy	-10192 Jan 25 j 21:26	16°♎33'53	-4.7m	
	-10192 Feb 17 j 19:42	0°♏		
morning max el	-10192 Mar 05 j 13:19	14°♏37'46	45°59'38	
desc. node	-10192 Mar 16 j 10:30	25°♏19'21		
	-10192 Mar 20 j 23:51	0°♐		
	-10192 Apr 17 j 12:02	0°♑		
	-10192 May 13 j 06:11	0°♒		
	-10192 Jun 07 j 00:51	0°♓		
	-10192 Jul 01 j 05:14	0°♈		
asc. node	-10192 Jul 05 j 23:48	5°♈58'45		
	-10192 Jul 25 j 01:37	0°♉		
	-10192 Aug 17 j 19:14	0°♊		
morning set	-10192 Sep 02 j 23:38	20°♊25'32		
	-10192 Sep 10 j 14:13	0°♋		
	-10192 Oct 04 j 13:10	0°♌		
superior conj	-10192 Oct 15 j 10:17	13°♌32'35	0°25'36	
minimum elong	-10192 Oct 15 j 17:03	13°♌53'37	0°25'46	
max. Earth dist.	-10192 Oct 21 j 10:30	21°♌00'11	1.72223 AU	
desc. node	-10192 Oct 26 j 21:28	27°♌45'53		
	-10192 Oct 28 j 16:48	0°♍		
	-10192 Nov 22 j 00:17	0°♎		
evening rise	-10192 Nov 25 j 22:38	4°♎50'16		
	-10192 Dec 16 j 10:28	0°♏		
	-10191 Jan 09 j 23:24	0°♐		
	-10191 Feb 03 j 17:01	0°♑		
asc. node	-10191 Feb 15 j 11:55	14°♑10'14		
	-10191 Feb 28 j 18:37	0°♒		
	-10191 Mar 26 j 08:37	0°♓		
	-10191 Apr 21 j 18:54	0°♈		
	-10191 May 20 j 01:08	0°♉		
evening max el	-10191 May 22 j 05:13	2°♉09'11	47°02'41	
desc. node	-10191 Jun 08 j 16:34	18°♉07'47		
	-10191 Jun 25 j 21:09	0°♊		
greatest brilliancy	-10191 Jul 02 j 07:36	2°♊46'21	-4.9m	
retrograde	-10191 Jul 11 j 16:50	4°♊25'17		
	-10191 Jul 26 j 16:20	30°℞♉		
evening set	-10191 Jul 29 j 09:40	28°♉26'35		
inferior conj	-10191 Aug 01 j 08:50	26°♉39'16	-8°53'33	
minimum elong	-10191 Aug 01 j 07:41	26°♉41'01	8°53'05	
min. Earth dist.	-10191 Jul 31 j 19:32	26°♉59'28	0.26567 AU	
morning rise	-10191 Aug 04 j 05:48	24°♉55'42		
direct	-10191 Aug 21 j 14:29	19°♉07'51		
greatest brilliancy	-10191 Aug 31 j 12:57	21°♉02'02	-4.9m	
	-10191 Sep 16 j 04:16	0°♊		
asc. node	-10191 Sep 28 j 11:12	10°♊13'45		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-10191 Oct 11 j 00:33	22°♊21'34	46°30'02
	-10191 Oct 18 j 09:48	0°♋	
	-10191 Nov 14 j 15:21	0°♌	
	-10191 Dec 10 j 16:49	0°♍	
	-10190 Jan 05 j 07:45	0°♎	
desc. node	-10190 Jan 19 j 11:38	16°♎44'02	
	-10190 Jan 30 j 15:23	0°♏	
	-10190 Feb 24 j 15:10	0°♐	
	-10190 Mar 21 j 06:35	0°♑	
morning set	-10190 Apr 08 j 20:50	22°♑54'04	
	-10190 Apr 14 j 14:23	0°♒	
	-10190 May 08 j 16:14	0°♓	
max. Earth dist.	-10190 May 10 j 10:00	2°♓10'39	1.71866 AU
asc. node	-10190 May 10 j 22:58	2°♓51'13	
superior conj	-10190 May 14 j 14:36	7°♓25'32	0°08'32
minimum elong	-10190 May 14 j 12:56	7°♓20'20	0°08'09
behind sun begin	-10190 May 13 j 17:08	6°♓18'17	
behind sun end	-10190 May 15 j 08:45	8°♓22'23	
	-10190 Jun 01 j 14:11	0°♈	
evening rise	-10190 Jun 20 j 20:30	24°♈14'13	
	-10190 Jun 25 j 10:23	0°♉	
	-10190 Jul 19 j 07:07	0°♊	
	-10190 Aug 12 j 06:44	0°♋	
desc. node	-10190 Aug 31 j 22:39	24°♋24'28	
	-10190 Sep 05 j 11:21	0°♌	
	-10190 Sep 29 j 23:01	0°♍	
	-10190 Oct 24 j 21:18	0°♎	
	-10190 Nov 19 j 15:12	0°♏	
	-10190 Dec 17 j 06:22	0°♐	
asc. node	-10190 Dec 21 j 16:39	4°♐27'21	
evening max el	-10190 Dec 25 j 09:51	8°♐05'31	44°59'42
	-10189 Jan 21 j 03:37	0°♑	
greatest brilliancy	-10189 Jan 31 j 21:31	5°♑22'28	-4.7m
retrograde	-10189 Feb 11 j 10:39	7°♑21'26	
evening set	-10189 Feb 28 j 16:01	1°♑50'57	
	-10189 Mar 03 j 17:30	30°℞♐	
inferior conj	-10189 Mar 04 j 21:09	29°♐17'04	7°17'45
minimum elong	-10189 Mar 05 j 04:08	29°♐06'10	7°16'21
min. Earth dist.	-10189 Mar 05 j 23:41	28°♐35'43	0.29180 AU
morning rise	-10189 Mar 09 j 15:48	26°♐21'58	
direct	-10189 Mar 26 j 20:46	20°♐51'27	
greatest brilliancy	-10189 Apr 06 j 22:27	23°♐01'53	-4.7m
desc. node	-10189 Apr 13 j 21:49	26°♐18'06	
	-10189 Apr 19 j 21:34	0°♑	
morning max el	-10189 May 15 j 12:52	21°♑46'30	46°22'27
	-10189 May 23 j 16:33	0°♒	
	-10189 Jun 19 j 23:12	0°♓	
	-10189 Jul 15 j 07:34	0°♈	
asc. node	-10189 Aug 03 j 13:05	23°♈31'35	
	-10189 Aug 08 j 18:38	0°♉	
	-10189 Sep 01 j 20:20	0°♊	
	-10189 Sep 25 j 20:14	0°♋	
	-10189 Oct 19 j 22:54	0°♌	
	-10189 Nov 13 j 05:52	0°♍	
morning set	-10189 Nov 20 j 01:36	8°♍23'30	
desc. node	-10189 Nov 24 j 10:42	13°♍46'16	
	-10189 Dec 07 j 16:09	0°♎	
superior conj	-10189 Dec 29 j 16:08	26°♎57'59	-1°07'20
minimum elong	-10189 Dec 29 j 07:48	26°♎32'29	1°07'19
max. Earth dist.	-10189 Dec 29 j 10:18	26°♎40'09	1.73680 AU
	-10188 Jan 01 j 03:31	0°♏	
	-10188 Jan 25 j 14:25	0°♐	
evening rise	-10188 Feb 04 j 03:54	11°♐44'19	
greatest brilliancy	-10188 Feb 12 j 04:21	21°♐35'11	-3.9m
	-10188 Feb 19 j 00:49	0°♑	
	-10188 Mar 14 j 11:54	0°♒	
asc. node	-10188 Mar 14 j 23:43	0°♒36'10	
	-10188 Apr 08 j 01:11	0°♓	
	-10188 May 02 j 18:01	0°♈	
	-10188 May 27 j 16:37	0°♉	
	-10188 Jun 22 j 02:24	0°♊	
desc. node	-10188 Jul 06 j 02:47	16°♊06'45	
	-10188 Jul 18 j 13:28	0°♋	
evening max el	-10188 Aug 02 j 18:58	16°♋08'34	47°48'29
	-10188 Aug 17 j 03:40	0°♌	
greatest brilliancy	-10188 Sep 13 j 03:00	18°♌22'27	-4.9m
retrograde	-10188 Sep 23 j 01:26	20°♌17'32	
evening set	-10188 Oct 08 j 07:55	15°♌32'40	
inferior conj	-10188 Oct 13 j 22:32	12°♌04'04	-2°52'11
minimum elong	-10188 Oct 14 j 04:19	11°♌54'49	2°50'01
min. Earth dist.	-10188 Oct 13 j 08:48	12°♌26'04	0.27474 AU
morning rise	-10188 Oct 20 j 01:29	8°♌19'56	
asc. node	-10188 Oct 25 j 22:03	5°♌37'57	
direct	-10188 Nov 03 j 11:14	4°♌06'48	
greatest brilliancy	-10188 Nov 12 j 17:28	5°♌44'09	-4.8m
	-10188 Dec 17 j 09:46	0°♍	
morning max el	-10188 Dec 22 j 13:23	4°♍52'16	46°03'38
	-10187 Jan 16 j 02:32	0°♎	
	-10187 Feb 12 j 06:54	0°♏	
desc. node	-10187 Feb 16 j 00:37	4°♏14'29	
	-10187 Mar 10 j 07:36	0°♐	
	-10187 Apr 04 j 13:30	0°♑	
	-10187 Apr 29 j 05:06	0°♒	
	-10187 May 23 j 09:59	0°♓	
asc. node	-10187 Jun 07 j 12:21	18°♓55'12	
	-10187 Jun 16 j 07:35	0°♈	
morning set	-10187 Jun 16 j 12:19	0°♈14'55	
	-10187 Jul 10 j 01:15	0°♉	
superior conj	-10187 Jul 25 j 22:45	20°♉07'14	1°21'23
minimum elong	-10187 Jul 25 j 18:12	19°♉52'50	1°21'45
max. Earth dist.	-10187 Jul 28 j 10:27	23°♉16'04	1.70714 AU
	-10187 Aug 02 j 18:15	0°♊	
	-10187 Aug 26 j 13:32	0°♋	
evening rise	-10187 Sep 06 j 06:50	13°♋26'39	
	-10187 Sep 19 j 13:01	0°♌	
desc. node	-10187 Sep 28 j 10:46	11°♌04'52	
	-10187 Oct 13 j 17:23	0°♍	
	-10187 Nov 07 j 02:51	0°♎	
	-10187 Dec 01 j 18:37	0°♏	
	-10187 Dec 26 j 20:46	0°♐	
asc. node	-10186 Jan 18 j 03:07	25°♐52'48	
	-10186 Jan 21 j 18:04	0°♑	
	-10186 Feb 18 j 05:24	0°♒	
evening max el	-10186 Mar 07 j 02:14	16°♒49'44	45°17'02
	-10186 Mar 22 j 01:07	0°♓	
greatest brilliancy	-10186 Apr 14 j 18:39	14°♓21'43	-4.8m
retrograde	-10186 Apr 24 j 18:15	16°♓07'52	
evening set	-10186 May 09 j 05:42	12°♓11'47	
desc. node	-10186 May 11 j 08:27	11°♓04'15	
inferior conj	-10186 May 15 j 17:19	8°♓32'40	-1°03'01
minimum elong	-10186 May 15 j 14:55	8°♓36'13	1°02'34
min. Earth dist.	-10186 May 16 j 07:45	8°♓11'18	0.27141 AU
morning rise	-10186 May 21 j 23:12	4°♓58'58	
direct	-10186 Jun 05 j 18:35	0°♓46'59	
greatest brilliancy	-10186 Jun 17 j 06:50	3°♓12'15	-4.9m
	-10186 Jul 22 j 17:25	0°♈	
morning max el	-10186 Jul 26 j 08:17	3°♈37'36	46°43'29
	-10186 Aug 19 j 15:20	0°♉	
asc. node	-10186 Aug 31 j 01:47	13°♉12'56	
	-10186 Sep 14 j 05:44	0°♊	
	-10186 Oct 09 j 01:46	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10186 Nov 02 j 17:21	0°♌	
	-10186 Nov 27 j 09:51	0°♍	
desc. node	-10186 Dec 22 j 00:23	29°♍49'48	
	-10186 Dec 22 j 03:45	0°♎	
	-10185 Jan 15 j 20:55	0°♏	
morning set	-10185 Jan 30 j 03:48	17°♏24'13	
	-10185 Feb 09 j 11:05	0°♐	
max. Earth dist.	-10185 Mar 03 j 02:58	26°♐35'43	1.73489 AU
	-10185 Mar 05 j 21:17	0°♑	
superior conj	-10185 Mar 06 j 20:05	1°♑10'16	-1°10'05
minimum elong	-10185 Mar 07 j 02:51	1°♑31'07	1°10'30
	-10185 Mar 30 j 03:58	0°♒	
evening rise	-10185 Apr 11 j 00:37	14°♒42'18	
asc. node	-10185 Apr 12 j 12:06	16°♒32'20	
	-10185 Apr 23 j 08:21	0°♓	
	-10185 May 17 j 11:46	0°♈	
	-10185 Jun 10 j 15:42	0°♉	
	-10185 Jul 04 j 22:13	0°♊	
	-10185 Jul 29 j 10:26	0°♋	
desc. node	-10185 Aug 03 j 13:30	6°♋13'15	
	-10185 Aug 23 j 09:22	0°♌	
	-10185 Sep 18 j 05:22	0°♍	
evening max el	-10185 Oct 13 j 11:03	27°♍12'41	46°26'29
	-10185 Oct 16 j 05:58	0°♎	
greatest brilliancy	-10185 Nov 21 j 05:37	27°♎25'21	-4.8m
asc. node	-10185 Nov 23 j 08:39	28°♎12'38	
retrograde	-10185 Dec 02 j 13:27	29°♎49'35	
evening set	-10185 Dec 18 j 11:40	24°♎44'01	
inferior conj	-10185 Dec 23 j 20:14	21°♎22'42	6°09'55
minimum elong	-10185 Dec 23 j 11:41	21°♎36'30	6°08'11
min. Earth dist.	-10185 Dec 23 j 09:00	21°♎40'48	0.29250 AU
morning rise	-10185 Dec 28 j 12:07	18°♎26'51	
direct	-10184 Jan 14 j 10:38	12°♎54'45	
greatest brilliancy	-10184 Jan 23 j 12:21	14°♎25'05	-4.7m
	-10184 Feb 18 j 03:39	0°♏	
morning max el	-10184 Mar 03 j 06:13	12°♏31'21	45°59'06
desc. node	-10184 Mar 15 j 12:44	24°♏37'16	
	-10184 Mar 20 j 17:34	0°♐	
	-10184 Apr 17 j 02:17	0°♑	
	-10184 May 12 j 18:58	0°♒	
	-10184 Jun 06 j 12:56	0°♓	
	-10184 Jun 30 j 16:55	0°♈	
asc. node	-10184 Jul 05 j 02:02	5°♈29'18	
	-10184 Jul 24 j 13:06	0°♉	
	-10184 Aug 17 j 06:36	0°♊	
morning set	-10184 Aug 31 j 09:02	17°♊48'21	
	-10184 Sep 10 j 01:29	0°♋	
	-10184 Oct 04 j 00:22	0°♌	
superior conj	-10184 Oct 12 j 19:21	10°♌56'46	0°29'17
minimum elong	-10184 Oct 13 j 02:59	11°♌20'32	0°29'25
max. Earth dist.	-10184 Oct 19 j 01:45	18°♌43'56	1.72155 AU
desc. node	-10184 Oct 25 j 23:27	27°♌17'31	
	-10184 Oct 28 j 03:57	0°♍	
	-10184 Nov 21 j 11:23	0°♎	
evening rise	-10184 Nov 23 j 12:13	2°♎30'16	
	-10184 Dec 15 j 21:35	0°♏	
	-10183 Jan 09 j 10:41	0°♐	
	-10183 Feb 03 j 04:41	0°♑	
asc. node	-10183 Feb 14 j 14:16	13°♑41'19	
	-10183 Feb 28 j 07:05	0°♒	
	-10183 Mar 25 j 22:34	0°♓	
	-10183 Apr 21 j 11:38	0°♈	
evening max el	-10183 May 19 j 18:49	29°♈45'01	46°58'52
	-10183 May 20 j 00:55	0°♉	
desc. node	-10183 Jun 07 j 18:52	16°♉56'15	
	-10183 Jun 29 j 01:59	0°♊	
greatest brilliancy	-10183 Jun 29 j 19:17	0°♊15'02	-4.9m
retrograde	-10183 Jul 09 j 04:28	1°♊53'26	
	-10183 Jul 18 j 20:33	30°℞♉	
evening set	-10183 Jul 26 j 19:33	25°♉59'02	
inferior conj	-10183 Jul 29 j 20:43	24°♉08'46	-8°51'30
minimum elong	-10183 Jul 29 j 18:37	24°♉11'58	8°51'00
min. Earth dist.	-10183 Jul 29 j 07:36	24°♉28'43	0.26552 AU
morning rise	-10183 Aug 01 j 17:47	22°♉25'03	
direct	-10183 Aug 19 j 02:37	16°♉38'03	
greatest brilliancy	-10183 Aug 29 j 01:47	18°♉32'25	-4.9m
	-10183 Sep 16 j 22:30	0°♊	
asc. node	-10183 Sep 27 j 13:21	9°♊11'03	
morning max el	-10183 Oct 08 j 12:35	19°♊51'59	46°30'55
	-10183 Oct 18 j 06:01	0°♋	
	-10183 Nov 14 j 06:53	0°♌	
	-10183 Dec 10 j 06:20	0°♍	
	-10182 Jan 04 j 20:07	0°♎	
desc. node	-10182 Jan 18 j 13:47	16°♎15'05	
	-10182 Jan 30 j 03:02	0°♏	
	-10182 Feb 24 j 02:21	0°♐	
	-10182 Mar 20 j 17:30	0°♑	
morning set	-10182 Apr 06 j 16:16	20°♑52'14	
	-10182 Apr 14 j 01:12	0°♒	
max. Earth dist.	-10182 May 08 j 01:31	29°♒55'04	1.71935 AU
	-10182 May 08 j 03:06	0°♓	
asc. node	-10182 May 10 j 01:08	2°♓23'57	
superior conj	-10182 May 12 j 08:15	5°♓16'28	0°05'23
minimum elong	-10182 May 12 j 07:14	5°♓13'17	0°05'02
behind sun begin	-10182 May 11 j 09:32	4°♓05'19	
behind sun end	-10182 May 13 j 04:57	6°♓21'15	
	-10182 Jun 01 j 01:12	0°♈	
evening rise	-10182 Jun 18 j 11:00	21°♈53'48	
	-10182 Jun 24 j 21:34	0°♉	
	-10182 Jul 18 j 18:30	0°♊	
	-10182 Aug 11 j 18:20	0°♋	
desc. node	-10182 Aug 31 j 00:48	23°♋54'35	
	-10182 Sep 04 j 23:13	0°♌	
	-10182 Sep 29 j 11:18	0°♍	
	-10182 Oct 24 j 10:21	0°♎	
	-10182 Nov 19 j 05:57	0°♏	
	-10182 Dec 17 j 01:51	0°♐	
asc. node	-10182 Dec 20 j 19:00	3°♐41'52	
evening max el	-10182 Dec 23 j 00:28	5°♐52'07	45°01'11
	-10181 Jan 22 j 10:50	0°♑	
greatest brilliancy	-10181 Jan 29 j 13:12	3°♑15'18	-4.7m
retrograde	-10181 Feb 09 j 02:50	5°♑15'27	
	-10181 Feb 25 j 21:31	30°℞♐	
evening set	-10181 Feb 26 j 10:21	29°♐41'24	
inferior conj	-10181 Mar 02 j 13:50	27°♐09'53	7°25'17
minimum elong	-10181 Mar 02 j 20:22	26°♐59'42	7°24'00
min. Earth dist.	-10181 Mar 03 j 15:55	26°♐29'14	0.29232 AU
morning rise	-10181 Mar 07 j 05:55	24°♐18'18	
direct	-10181 Mar 24 j 13:03	18°♐43'11	
greatest brilliancy	-10181 Apr 04 j 14:35	20°♐53'04	-4.7m
desc. node	-10181 Apr 12 j 23:50	24°♐56'43	
	-10181 Apr 20 j 15:52	0°♑	
morning max el	-10181 May 13 j 04:18	19°♑32'44	46°21'31
	-10181 May 23 j 11:43	0°♒	
	-10181 Jun 19 j 14:08	0°♓	
	-10181 Jul 14 j 20:50	0°♈	
asc. node	-10181 Aug 02 j 15:19	22°♈59'43	
	-10181 Aug 08 j 07:04	0°♉	
	-10181 Sep 01 j 08:17	0°♊	
	-10181 Sep 25 j 07:52	0°♋	
	-10181 Oct 19 j 10:16	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10181 Nov 12 j 17:02	0°♍	
morning set	-10181 Nov 17 j 13:55	5°♍59'39	
desc. node	-10181 Nov 23 j 12:54	13°♍19'05	
	-10181 Dec 07 j 03:07	0°♎	
superior conj	-10181 Dec 27 j 08:24	24°♎47'33	-1°05'31
minimum elong	-10181 Dec 26 j 23:47	24°♎21'09	1°05'28
max. Earth dist.	-10181 Dec 27 j 04:56	24°♎36'56	1.73655 AU
	-10181 Dec 31 j 14:21	0°♏	
	-10180 Jan 25 j 01:14	0°♐	
evening rise	-10180 Feb 01 j 22:57	9°♐42'10	
greatest brilliancy	-10180 Feb 10 j 19:40	20°♐35'06	-3.9m
	-10180 Feb 18 j 11:44	0°♑	
	-10180 Mar 13 j 23:06	0°♒	
asc. node	-10180 Mar 14 j 01:52	0°♒08'26	
	-10180 Apr 07 j 12:50	0°♓	
	-10180 May 02 j 06:20	0°♈	
	-10180 May 27 j 05:57	0°♉	
	-10180 Jun 21 j 17:27	0°♊	
desc. node	-10180 Jul 05 j 05:03	15°♊26'17	
	-10180 Jul 18 j 08:05	0°♋	
evening max el	-10180 Jul 31 j 09:21	13°♋45'44	47°49'17
	-10180 Aug 17 j 10:50	0°♌	
greatest brilliancy	-10180 Sep 10 j 19:39	16°♌01'46	-4.9m
retrograde	-10180 Sep 20 j 16:27	17°♌55'41	
evening set	-10180 Oct 06 j 00:48	13°♌07'57	
min. Earth dist.	-10180 Oct 11 j 00:10	10°♌04'02	0.27423 AU
inferior conj	-10180 Oct 11 j 13:22	9°♌42'58	-3°12'49
minimum elong	-10180 Oct 11 j 19:47	9°♌32'44	3°10'29
morning rise	-10180 Oct 17 j 15:25	6°♌00'29	
asc. node	-10180 Oct 25 j 00:17	2°♌48'29	
direct	-10180 Nov 01 j 00:52	1°♌46'32	
greatest brilliancy	-10180 Nov 10 j 08:42	3°♌25'25	-4.8m
	-10180 Dec 17 j 10:30	0°♍	
morning max el	-10180 Dec 20 j 04:50	2°♍38'29	46°04'25
	-10179 Jan 15 j 19:02	0°♎	
	-10179 Feb 11 j 20:35	0°♏	
desc. node	-10179 Feb 15 j 02:45	3°♏42'14	
	-10179 Mar 09 j 19:57	0°♐	
	-10179 Apr 04 j 01:09	0°♑	
	-10179 Apr 28 j 16:22	0°♒	
	-10179 May 22 j 21:04	0°♓	
asc. node	-10179 Jun 06 j 14:39	18°♓27'48	
morning set	-10179 Jun 14 j 03:19	27°♓56'10	
	-10179 Jun 15 j 18:36	0°♈	
	-10179 Jul 09 j 12:16	0°♉	
superior conj	-10179 Jul 23 j 10:00	17°♉35'54	1°20'31
minimum elong	-10179 Jul 23 j 04:35	17°♉18'47	1°20'50
max. Earth dist.	-10179 Jul 25 j 16:40	20°♉28'51	1.70715 AU
	-10179 Aug 02 j 05:21	0°♊	
	-10179 Aug 26 j 00:44	0°♋	
evening rise	-10179 Sep 03 j 14:14	10°♋44'26	
	-10179 Sep 19 j 00:18	0°♌	
desc. node	-10179 Sep 27 j 12:50	10°♌36'09	
	-10179 Oct 13 j 04:46	0°♍	
	-10179 Nov 06 j 14:23	0°♎	
	-10179 Dec 01 j 06:32	0°♏	
	-10179 Dec 26 j 09:27	0°♐	
asc. node	-10178 Jan 17 j 05:27	25°♐19'27	
	-10178 Jan 21 j 08:27	0°♑	
	-10178 Feb 17 j 23:54	0°♒	
evening max el	-10178 Mar 04 j 17:20	14°♒36'13	45°14'40
	-10178 Mar 22 j 12:54	0°♓	
greatest brilliancy	-10178 Apr 12 j 06:31	12°♓00'54	-4.8m
retrograde	-10178 Apr 22 j 07:20	13°♓47'30	
evening set	-10178 May 06 j 19:01	9°♓50'57	
desc. node	-10178 May 10 j 10:48	7°♓50'47	
inferior conj	-10178 May 13 j 06:17	6°♓11'44	-0°40'31
minimum elong	-10178 May 13 j 04:44	6°♓14'02	0°40'21
min. Earth dist.	-10178 May 13 j 21:46	5°♓48'48	0.27199 AU
morning rise	-10178 May 19 j 13:36	2°♓36'05	
	-10178 May 25 j 10:41	30°♑℞♒	
direct	-10178 Jun 03 j 09:16	28°♒24'56	
	-10178 Jun 12 j 14:23	0°♓	
greatest brilliancy	-10178 Jun 14 j 21:02	0°♓50'05	-4.9m
	-10178 Jul 22 j 17:06	0°♈	
morning max el	-10178 Jul 23 j 22:43	1°♈14'52	46°43'17
	-10178 Aug 19 j 07:59	0°♉	
asc. node	-10178 Aug 30 j 03:55	12°♉34'15	
	-10178 Sep 13 j 19:55	0°♊	
	-10178 Oct 08 j 14:45	0°♋	
	-10178 Nov 02 j 05:35	0°♌	
	-10178 Nov 26 j 21:35	0°♍	
desc. node	-10178 Dec 21 j 02:33	29°♍22'00	
	-10178 Dec 21 j 15:06	0°♎	
	-10177 Jan 15 j 07:59	0°♏	
morning set	-10177 Jan 27 j 21:37	15°♏18'42	
	-10177 Feb 08 j 21:59	0°♐	
max. Earth dist.	-10177 Mar 01 j 01:12	24°♐43'04	1.73521 AU
superior conj	-10177 Mar 04 j 15:45	29°♐09'35	-1°11'30
minimum elong	-10177 Mar 04 j 22:13	29°♐29'30	1°11'56
	-10177 Mar 05 j 08:07	0°♑	
	-10177 Mar 29 j 14:52	0°♒	
evening rise	-10177 Apr 08 j 20:04	12°♒39'42	
asc. node	-10177 Apr 11 j 14:18	16°♒05'03	
	-10177 Apr 22 j 19:26	0°♓	
	-10177 May 16 j 23:09	0°♈	
	-10177 Jun 10 j 03:28	0°♉	
	-10177 Jul 04 j 10:27	0°♊	
	-10177 Jul 28 j 23:19	0°♋	
desc. node	-10177 Aug 02 j 15:42	5°♋40'24	
	-10177 Aug 22 j 23:18	0°♌	
	-10177 Sep 17 j 21:30	0°♍	
evening max el	-10177 Oct 11 j 03:54	25°♍00'09	46°30'03
	-10177 Oct 16 j 04:43	0°♎	
greatest brilliancy	-10177 Nov 18 j 23:55	25°♎17'24	-4.8m
asc. node	-10177 Nov 22 j 11:02	26°♎29'50	
retrograde	-10177 Nov 30 j 07:08	27°♎40'53	
evening set	-10177 Dec 16 j 02:59	22°♎38'49	
min. Earth dist.	-10177 Dec 21 j 01:28	19°♎33'41	0.29201 AU
inferior conj	-10177 Dec 21 j 13:37	19°♎14'02	5°57'50
minimum elong	-10177 Dec 21 j 05:01	19°♎27'56	5°56'03
morning rise	-10177 Dec 26 j 07:32	16°♎14'56	
direct	-10176 Jan 12 j 03:41	10°♎47'01	
greatest brilliancy	-10176 Jan 21 j 03:43	12°♎16'06	-4.7m
	-10176 Feb 18 j 09:29	0°♏	
morning max el	-10176 Feb 29 j 22:18	10°♏22'44	45°58'38
desc. node	-10176 Mar 14 j 14:48	23°♏55'06	
	-10176 Mar 20 j 10:59	0°♐	
	-10176 Apr 16 j 16:24	0°♑	
	-10176 May 12 j 07:41	0°♒	
	-10176 Jun 06 j 00:57	0°♓	
	-10176 Jun 30 j 04:35	0°♈	
asc. node	-10176 Jul 04 j 04:11	4°♈59'34	
	-10176 Jul 24 j 00:36	0°♉	
	-10176 Aug 16 j 18:00	0°♊	
morning set	-10176 Aug 28 j 18:40	15°♊11'40	
	-10176 Sep 09 j 12:48	0°♋	
	-10176 Oct 03 j 11:36	0°♌	
superior conj	-10176 Oct 10 j 04:37	8°♌21'28	0°32'53
minimum elong	-10176 Oct 10 j 13:04	8°♌47'45	0°33'00

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10176 Oct 16 j 17:55	16°♌30'20	1.72084 AU	
desc. node	-10176 Oct 25 j 01:43	26°♌49'55		
	-10176 Oct 27 j 15:07	0°♍		
	-10176 Nov 20 j 22:32	0°♎		
evening rise	-10176 Nov 21 j 01:43	0°♎09'45		
	-10176 Dec 15 j 08:48	0°♏		
	-10175 Jan 08 j 22:06	0°♐		
	-10175 Feb 02 j 16:33	0°♑		
asc. node	-10175 Feb 13 j 16:24	13°♑11'15		
	-10175 Feb 27 j 19:47	0°♒		
	-10175 Mar 25 j 12:46	0°♓		
	-10175 Apr 21 j 04:48	0°♈		
evening max el	-10175 May 17 j 07:24	27°♈18'16	46°55'06	
	-10175 May 20 j 01:53	0°♉		
desc. node	-10175 Jun 06 j 21:07	15°♉42'26		
greatest brilliancy	-10175 Jun 27 j 07:21	27°♉44'06	-4.9m	
retrograde	-10175 Jul 06 j 15:41	29°♉21'46		
evening set	-10175 Jul 24 j 04:57	23°♉32'13		
inferior conj	-10175 Jul 27 j 08:41	21°♉38'20	-8°48'16	
minimum elong	-10175 Jul 27 j 05:38	21°♉42'58	8°47'43	
min. Earth dist.	-10175 Jul 26 j 20:03	21°♉57'31	0.26541 AU	
morning rise	-10175 Jul 30 j 06:22	19°♉53'40		
direct	-10175 Aug 16 j 14:21	14°♉07'55		
greatest brilliancy	-10175 Aug 26 j 15:24	16°♉03'22	-4.9m	
	-10175 Sep 17 j 12:18	0°♊		
asc. node	-10175 Sep 26 j 15:33	8°♊09'36		
morning max el	-10175 Oct 06 j 00:22	17°♊21'06	46°31'57	
	-10175 Oct 18 j 01:47	0°♋		
	-10175 Nov 13 j 22:20	0°♌		
	-10175 Dec 09 j 19:52	0°♍		
	-10174 Jan 04 j 08:35	0°♎		
desc. node	-10174 Jan 17 j 15:53	15°♎45'31		
	-10174 Jan 29 j 14:51	0°♏		
	-10174 Feb 23 j 13:45	0°♐		
	-10174 Mar 20 j 04:40	0°♑		
morning set	-10174 Apr 04 j 11:34	18°♑49'16		
	-10174 Apr 13 j 12:16	0°♒		
max. Earth dist.	-10174 May 05 j 19:00	27°♒44'59	1.71999 AU	
	-10174 May 07 j 14:12	0°♓		
asc. node	-10174 May 09 j 03:25	1°♓56'26		
superior conj	-10174 May 10 j 01:54	3°♓06'47	0°02'13	
minimum elong	-10174 May 10 j 01:31	3°♓05'32	0°01'53	
behind sun begin	-10174 May 09 j 03:02	1°♓55'14		
behind sun end	-10174 May 10 j 23:59	4°♓15'52		
	-10174 May 31 j 12:24	0°♈		
evening rise	-10174 Jun 16 j 01:44	19°♈33'36		
	-10174 Jun 24 j 08:57	0°♉		
	-10174 Jul 18 j 06:05	0°♊		
	-10174 Aug 11 j 06:10	0°♋		
desc. node	-10174 Aug 30 j 02:55	23°♋23'47		
	-10174 Sep 04 j 11:22	0°♌		
	-10174 Sep 28 j 23:53	0°♍		
	-10174 Oct 23 j 23:45	0°♎		
	-10174 Nov 18 j 21:08	0°♏		
	-10174 Dec 16 j 22:13	0°♐		
asc. node	-10174 Dec 19 j 21:15	2°♐54'45		
evening max el	-10174 Dec 20 j 15:09	3°♐38'10	45°02'46	
	-10173 Jan 24 j 10:19	0°♑		
greatest brilliancy	-10173 Jan 27 j 04:09	1°♑06'30	-4.7m	
retrograde	-10173 Feb 06 j 19:26	3°♑08'37		
	-10173 Feb 19 j 13:18	30°℞♐		
evening set	-10173 Feb 24 j 04:30	27°♐30'58		
inferior conj	-10173 Feb 28 j 06:27	25°♐01'38	7°32'07	
minimum elong	-10173 Feb 28 j 12:30	24°♐52'13	7°30'57	
min. Earth dist.	-10173 Mar 01 j 07:44	24°♐22'15	0.29285 AU	
morning rise	-10173 Mar 04 j 20:06	22°♐13'37		
direct	-10173 Mar 22 j 05:36	16°♐33'48		
greatest brilliancy	-10173 Apr 02 j 06:34	18°♐43'12	-4.7m	
desc. node	-10173 Apr 12 j 02:12	23°♐37'18		
	-10173 Apr 21 j 06:08	0°♑		
morning max el	-10173 May 10 j 20:40	17°♑20'19	46°20'38	
	-10173 May 23 j 06:49	0°♒		
	-10173 Jun 19 j 05:14	0°♓		
	-10173 Jul 14 j 10:17	0°♈		
asc. node	-10173 Aug 01 j 17:28	22°♈26'51		
	-10173 Aug 07 j 19:42	0°♉		
	-10173 Aug 31 j 20:26	0°♊		
	-10173 Sep 24 j 19:43	0°♋		
	-10173 Oct 18 j 21:55	0°♌		
	-10173 Nov 12 j 04:29	0°♍		
morning set	-10173 Nov 15 j 02:04	3°♍34'14		
desc. node	-10173 Nov 22 j 15:04	12°♍50'50		
	-10173 Dec 06 j 14:22	0°♎		
superior conj	-10173 Dec 25 j 00:36	22°♎35'55	-1°03'35	
minimum elong	-10173 Dec 24 j 15:44	22°♎08'44	1°03'30	
max. Earth dist.	-10173 Dec 25 j 00:04	22°♎34'17	1.73628 AU	
	-10173 Dec 31 j 01:29	0°♏		
	-10172 Jan 24 j 12:19	0°♐		
evening rise	-10172 Jan 30 j 18:03	7°♐39'24		
greatest brilliancy	-10172 Feb 09 j 09:18	19°♐28'58	-3.9m	
	-10172 Feb 17 j 22:58	0°♑		
asc. node	-10172 Mar 13 j 04:05	29°♑39'57		
	-10172 Mar 13 j 10:38	0°♒		
	-10172 Apr 07 j 00:52	0°♓		
	-10172 May 01 j 19:05	0°♈		
	-10172 May 26 j 19:46	0°♉		
	-10172 Jun 21 j 09:04	0°♊		
desc. node	-10172 Jul 04 j 07:14	14°♊44'09		
	-10172 Jul 18 j 03:34	0°♋		
evening max el	-10172 Jul 29 j 00:33	11°♋24'07	47°50'06	
	-10172 Aug 17 j 21:02	0°♌		
greatest brilliancy	-10172 Sep 08 j 11:32	13°♌39'04	-4.9m	
retrograde	-10172 Sep 18 j 07:44	15°♌32'31		
evening set	-10172 Oct 03 j 17:43	10°♌41'38		
min. Earth dist.	-10172 Oct 08 j 15:03	7°♌41'03	0.27375 AU	
inferior conj	-10172 Oct 09 j 04:03	7°♌20'21	-3°33'12	
minimum elong	-10172 Oct 09 j 11:04	7°♌09'12	3°30'43	
morning rise	-10172 Oct 15 j 05:03	3°♌39'58		
asc. node	-10172 Oct 24 j 02:42	0°♌03'06		
	-10172 Oct 24 j 08:08	30°℞♋		
direct	-10172 Oct 29 j 14:58	29°♋24'48		
	-10172 Nov 04 j 01:51	0°♌		
greatest brilliancy	-10172 Nov 07 j 23:23	1°♌04'44	-4.8m	
	-10172 Dec 17 j 10:31	0°♍		
morning max el	-10172 Dec 17 j 20:58	0°♍25'11	46°05'12	
	-10171 Jan 15 j 11:36	0°♎		
	-10171 Feb 11 j 10:28	0°♏		
desc. node	-10171 Feb 14 j 04:50	3°♏09'08		
	-10171 Mar 09 j 08:32	0°♐		
	-10171 Apr 03 j 13:03	0°♑		
	-10171 Apr 28 j 03:55	0°♒		
	-10171 May 22 j 08:29	0°♓		
asc. node	-10171 Jun 05 j 16:47	17°♓58'46		
morning set	-10171 Jun 11 j 18:13	25°♓36'11		
	-10171 Jun 15 j 05:58	0°♈		
	-10171 Jul 08 j 23:40	0°♉		
superior conj	-10171 Jul 20 j 21:07	15°♉03'04	1°19'29	
minimum elong	-10171 Jul 20 j 14:55	14°♉43'28	1°19'46	
max. Earth dist.	-10171 Jul 22 j 21:44	17°♉36'51	1.70714 AU	
	-10171 Aug 01 j 16:48	0°♊		
	-10171 Aug 25 j 12:15	0°♋		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10171 Aug 31 j 21:20	8°♋00'15	
	-10171 Sep 18 j 11:52	0°♌	
desc. node	-10171 Sep 26 j 15:05	10°♌07'05	
	-10171 Oct 12 j 16:26	0°♍	
	-10171 Nov 06 j 02:15	0°♎	
	-10171 Nov 30 j 18:48	0°♏	
	-10171 Dec 25 j 22:32	0°♐	
asc. node	-10170 Jan 16 j 07:39	24°♐44'42	
	-10170 Jan 20 j 23:17	0°♑	
	-10170 Feb 17 j 19:10	0°♒	
evening max el	-10170 Mar 02 j 08:26	12°♒22'07	45°12'22
	-10170 Mar 23 j 04:56	0°♓	
greatest brilliancy	-10170 Apr 09 j 18:53	9°♓40'22	-4.7m
retrograde	-10170 Apr 19 j 20:01	11°♓26'46	
evening set	-10170 May 04 j 08:37	7°♓29'41	
desc. node	-10170 May 09 j 13:00	4°♓35'35	
inferior conj	-10170 May 10 j 19:21	3°♓50'33	-0°18'13
minimum elong	-10170 May 10 j 18:39	3°♓51'36	0°18'19
min. Earth dist.	-10170 May 11 j 11:58	3°♓25'51	0.27260 AU
morning rise	-10170 May 17 j 03:50	0°♓12'57	
	-10170 May 17 j 13:50	30°℞♒	
direct	-10170 May 31 j 23:51	26°♒02'38	
greatest brilliancy	-10170 Jun 12 j 11:18	28°♒27'19	-4.9m
	-10170 Jun 15 j 21:49	0°♓	
morning max el	-10170 Jul 21 j 12:14	28°♓48'45	46°42'53
	-10170 Jul 22 j 16:12	0°♈	
	-10170 Aug 19 j 00:44	0°♉	
asc. node	-10170 Aug 29 j 06:09	11°♉55'04	
	-10170 Sep 13 j 10:20	0°♊	
	-10170 Oct 08 j 03:57	0°♋	
	-10170 Nov 01 j 18:03	0°♌	
	-10170 Nov 26 j 09:31	0°♍	
desc. node	-10170 Dec 20 j 04:34	28°♍53'00	
	-10169 Jan 14 j 19:17	0°♎	
morning set	-10169 Jan 25 j 15:17	13°♏12'02	
	-10169 Feb 08 j 09:07	0°♐	
max. Earth dist.	-10169 Feb 26 j 21:38	22°♐44'15	1.73549 AU
superior conj	-10169 Mar 02 j 11:29	27°♐08'26	-1°12'49
minimum elong	-10169 Mar 02 j 17:38	27°♐27'22	1°13'16
	-10169 Mar 04 j 19:11	0°♑	
	-10169 Mar 29 j 01:58	0°♒	
evening rise	-10169 Apr 06 j 15:38	10°♒36'55	
asc. node	-10169 Apr 10 j 16:37	15°♒37'32	
	-10169 Apr 22 j 06:43	0°♓	
	-10169 May 16 j 10:44	0°♈	
	-10169 Jun 09 j 15:28	0°♉	
	-10169 Jul 03 j 22:58	0°♊	
	-10169 Jul 28 j 12:31	0°♋	
desc. node	-10169 Aug 01 j 17:49	5°♋06'22	
	-10169 Aug 22 j 13:40	0°♌	
	-10169 Sep 17 j 14:16	0°♍	
evening max el	-10169 Oct 08 j 19:43	22°♍43'59	46°33'45
	-10169 Oct 16 j 04:50	0°♎	
greatest brilliancy	-10169 Nov 16 j 18:36	23°♎08'48	-4.8m
asc. node	-10169 Nov 21 j 13:13	24°♎42'12	
retrograde	-10169 Nov 28 j 00:20	25°♎31'05	
evening set	-10169 Dec 13 j 18:17	20°♎32'26	
inferior conj	-10169 Dec 19 j 06:55	17°♎04'26	5°45'19
minimum elong	-10169 Dec 18 j 22:18	17°♎18'23	5°43'28
min. Earth dist.	-10169 Dec 18 j 18:08	17°♎25'07	0.29148 AU
morning rise	-10169 Dec 24 j 02:49	14°♎02'02	
direct	-10168 Jan 09 j 20:12	8°♎38'20	
greatest brilliancy	-10168 Jan 18 j 19:32	10°♎06'42	-4.7m
	-10168 Feb 18 j 13:42	0°♏	
morning max el	-10168 Feb 27 j 13:29	8°♏11'21	45°58'16
desc. node	-10168 Mar 13 j 17:05	23°♏13'35	
	-10168 Mar 20 j 04:13	0°♐	
	-10168 Apr 16 j 06:32	0°♑	
	-10168 May 11 j 20:26	0°♒	
	-10168 Jun 05 j 13:00	0°♓	
	-10168 Jun 29 j 16:18	0°♈	
asc. node	-10168 Jul 03 j 06:19	4°♈29'39	
	-10168 Jul 23 j 12:10	0°♉	
	-10168 Aug 16 j 05:28	0°♊	
morning set	-10168 Aug 26 j 04:07	12°♊33'54	
	-10168 Sep 09 j 00:13	0°♋	
	-10168 Oct 02 j 22:58	0°♌	
superior conj	-10168 Oct 07 j 13:25	5°♌44'07	0°36'27
minimum elong	-10168 Oct 07 j 22:37	6°♌12'46	0°36'34
max. Earth dist.	-10168 Oct 14 j 07:26	14°♌07'59	1.72012 AU
desc. node	-10168 Oct 24 j 03:52	26°♌21'27	
	-10168 Oct 27 j 02:26	0°♍	
evening rise	-10168 Nov 18 j 14:28	27°♍46'31	
	-10168 Nov 20 j 09:50	0°♎	
	-10168 Dec 14 j 20:07	0°♏	
	-10167 Jan 08 j 09:37	0°♐	
	-10167 Feb 02 j 04:31	0°♑	
asc. node	-10167 Feb 12 j 18:40	12°♑41'15	
	-10167 Feb 27 j 08:38	0°♒	
	-10167 Mar 25 j 03:12	0°♓	
	-10167 Apr 20 j 22:21	0°♈	
evening max el	-10167 May 14 j 19:15	24°♈50'03	46°51'26
	-10167 May 20 j 04:03	0°♉	
desc. node	-10167 Jun 05 j 23:17	14°♉26'30	
greatest brilliancy	-10167 Jun 24 j 19:21	25°♉13'36	-4.9m
retrograde	-10167 Jul 04 j 03:03	26°♉51'01	
evening set	-10167 Jul 21 j 13:57	21°♉06'35	
inferior conj	-10167 Jul 24 j 20:44	19°♉08'36	-8°43'59
minimum elong	-10167 Jul 24 j 16:44	19°♉14'40	8°43'21
min. Earth dist.	-10167 Jul 24 j 08:34	19°♉27'03	0.26533 AU
morning rise	-10167 Jul 27 j 19:33	17°♉22'27	
direct	-10167 Aug 14 j 02:03	11°♉38'13	
greatest brilliancy	-10167 Aug 24 j 05:22	13°♉35'22	-4.9m
	-10167 Sep 17 j 22:29	0°♊	
asc. node	-10167 Sep 25 j 17:57	7°♊10'17	
morning max el	-10167 Oct 03 j 12:33	14°♊51'14	46°32'49
	-10167 Oct 17 j 20:59	0°♋	
	-10167 Nov 13 j 13:38	0°♌	
	-10167 Dec 09 j 09:21	0°♍	
	-10166 Jan 03 j 21:01	0°♎	
desc. node	-10166 Jan 16 j 18:02	15°♎16'12	
	-10166 Jan 29 j 02:35	0°♏	
	-10166 Feb 23 j 01:03	0°♐	
	-10166 Mar 19 j 15:44	0°♑	
morning set	-10166 Apr 02 j 06:47	16°♑46'20	
	-10166 Apr 12 j 23:16	0°♒	
max. Earth dist.	-10166 May 03 j 13:40	25°♒38'50	1.72062 AU
	-10166 May 07 j 01:14	0°♓	
superior conj	-10166 May 07 j 19:38	0°♓57'34	-0°00'59
minimum elong	-10166 May 07 j 19:54	0°♓58'23	0°01'18
behind sun begin	-10166 May 06 j 21:27	29°♒48'10	
behind sun end	-10166 May 08 j 18:21	2°♓08'37	
asc. node	-10166 May 08 j 05:34	1°♓28'38	
	-10166 May 30 j 23:32	0°♈	
evening rise	-10166 Jun 13 j 16:50	17°♈14'57	
	-10166 Jun 23 j 20:13	0°♉	
	-10166 Jul 17 j 17:32	0°♊	
	-10166 Aug 10 j 17:51	0°♋	
desc. node	-10166 Aug 29 j 05:13	22°♋54'07	
	-10166 Sep 03 j 23:21	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10166 Sep 28 j 12:22	0°♍	
	-10166 Oct 23 j 13:06	0°♎	
	-10166 Nov 18 j 12:24	0°♏	
	-10166 Dec 16 j 19:10	0°♐	
evening max el	-10166 Dec 18 j 06:37	1°♐26'21	45°04'34
asc. node	-10166 Dec 18 j 23:30	2°♐07'07	
greatest brilliancy	-10165 Jan 24 j 18:58	28°♐57'59	-4.7m
	-10165 Jan 28 j 00:45	0°♑	
retrograde	-10165 Feb 04 j 12:30	1°♑02'11	
	-10165 Feb 11 j 18:15	30°℞♐	
evening set	-10165 Feb 21 j 22:33	25°♐21'20	
inferior conj	-10165 Feb 25 j 23:08	22°♐53'49	7°38'16
minimum elong	-10165 Feb 26 j 04:39	22°♐45'13	7°37'13
min. Earth dist.	-10165 Feb 26 j 23:09	22°♐16'23	0.29334 AU
morning rise	-10165 Mar 02 j 10:24	20°♐09'20	
direct	-10165 Mar 19 j 22:39	14°♐25'07	
greatest brilliancy	-10165 Mar 30 j 21:55	16°♐33'23	-4.7m
desc. node	-10165 Apr 11 j 04:24	22°♐20'39	
	-10165 Apr 21 j 16:34	0°♑	
morning max el	-10165 May 08 j 13:36	15°♑10'11	46°19'36
	-10165 May 23 j 01:13	0°♒	
	-10165 Jun 18 j 19:57	0°♓	
	-10165 Jul 13 j 23:27	0°♈	
asc. node	-10165 Jul 31 j 19:39	21°♈54'55	
	-10165 Aug 07 j 08:03	0°♉	
	-10165 Aug 31 j 08:19	0°♊	
	-10165 Sep 24 j 07:17	0°♋	
	-10165 Oct 18 j 09:15	0°♌	
	-10165 Nov 11 j 15:38	0°♍	
morning set	-10165 Nov 12 j 14:15	1°♍09'41	
desc. node	-10165 Nov 21 j 17:04	12°♍22'58	
	-10165 Dec 06 j 01:22	0°♎	
superior conj	-10165 Dec 22 j 16:28	20°♎23'59	-1°01'33
minimum elong	-10165 Dec 22 j 07:24	19°♎56'09	1°01'24
max. Earth dist.	-10165 Dec 22 j 20:13	20°♎35'26	1.73604 AU
	-10165 Dec 30 j 12:22	0°♏	
	-10164 Jan 23 j 23:12	0°♐	
evening rise	-10164 Jan 28 j 12:53	5°♐36'30	
greatest brilliancy	-10164 Feb 07 j 23:20	18°♐24'51	-3.9m
	-10164 Feb 17 j 09:58	0°♑	
asc. node	-10164 Mar 12 j 06:23	29°♑12'30	
	-10164 Mar 12 j 21:56	0°♒	
	-10164 Apr 06 j 12:39	0°♓	
	-10164 May 01 j 07:38	0°♈	
	-10164 May 26 j 09:28	0°♉	
	-10164 Jun 21 j 00:40	0°♊	
desc. node	-10164 Jul 03 j 09:28	14°♊02'26	
	-10164 Jul 17 j 23:19	0°♋	
evening max el	-10164 Jul 26 j 16:41	9°♋05'39	47°50'45
	-10164 Aug 18 j 10:07	0°♌	
greatest brilliancy	-10164 Sep 06 j 02:59	11°♌16'52	-4.9m
retrograde	-10164 Sep 15 j 23:14	13°♌10'05	
evening set	-10164 Oct 01 j 10:44	8°♌16'12	
min. Earth dist.	-10164 Oct 06 j 05:35	5°♌19'25	0.27324 AU
inferior conj	-10164 Oct 06 j 18:41	4°♌58'37	-3°53'20
minimum elong	-10164 Oct 07 j 02:14	4°♌46'37	3°50'43
morning rise	-10164 Oct 12 j 18:25	1°♌20'38	
	-10164 Oct 15 j 08:45	30°℞♋	
asc. node	-10164 Oct 23 j 04:47	27°♋24'45	
direct	-10164 Oct 27 j 05:29	27°♋04'19	
greatest brilliancy	-10164 Nov 05 j 13:28	28°♋44'31	-4.8m
	-10164 Nov 08 j 18:45	0°♌	
morning max el	-10164 Dec 15 j 12:59	28°♌12'45	46°05'50
	-10164 Dec 17 j 09:02	0°♍	
	-10163 Jan 15 j 03:30	0°♎	
	-10163 Feb 10 j 23:55	0°♏	
desc. node	-10163 Feb 13 j 07:04	2°♏37'31	
	-10163 Mar 08 j 20:46	0°♐	
	-10163 Apr 03 j 00:38	0°♑	
	-10163 Apr 27 j 15:09	0°♒	
	-10163 May 21 j 19:32	0°♓	
asc. node	-10163 Jun 04 j 18:53	17°♓30'45	
morning set	-10163 Jun 09 j 09:12	23°♓17'37	
	-10163 Jun 14 j 16:59	0°♈	
	-10163 Jul 08 j 10:44	0°♉	
superior conj	-10163 Jul 18 j 08:29	12°♉32'02	1°18'17
minimum elong	-10163 Jul 18 j 01:35	12°♉10'13	1°18'31
max. Earth dist.	-10163 Jul 20 j 00:02	14°♉37'07	1.70718 AU
	-10163 Aug 01 j 03:58	0°♊	
	-10163 Aug 24 j 23:29	0°♋	
evening rise	-10163 Aug 29 j 04:32	5°♋17'07	
	-10163 Sep 17 j 23:08	0°♌	
desc. node	-10163 Sep 25 j 17:14	9°♌38'41	
	-10163 Oct 12 j 03:46	0°♍	
	-10163 Nov 05 j 13:45	0°♎	
	-10163 Nov 30 j 06:41	0°♏	
	-10163 Dec 25 j 11:17	0°♐	
asc. node	-10162 Jan 15 j 09:55	24°♐11'05	
	-10162 Jan 20 j 13:54	0°♑	
	-10162 Feb 17 j 14:35	0°♒	
evening max el	-10162 Feb 27 j 23:01	10°♒07'50	45°10'04
	-10162 Mar 24 j 01:42	0°♓	
greatest brilliancy	-10162 Apr 07 j 08:08	7°♓22'09	-4.7m
retrograde	-10162 Apr 17 j 08:26	9°♓07'42	
evening set	-10162 May 01 j 22:35	5°♓09'45	
inferior conj	-10162 May 08 j 08:38	1°♓31'09	0°03'52
minimum elong	-10162 May 08 j 08:46	1°♓30'57	0°03'30
transit middle	-10162 May 08 j 08:46	1°♓30'57	0°03'30
transit begin	-10162 May 08 j 04:44	1°♓36'58	
transit end	-10162 May 08 j 12:48	1°♓24'56	
desc. node	-10162 May 08 j 15:06	1°♓21'31	
min. Earth dist.	-10162 May 09 j 02:40	1°♓04'16	0.27323 AU
	-10162 May 10 j 22:06	30°℞♒	
morning rise	-10162 May 14 j 18:02	27°♒51'40	
direct	-10162 May 29 j 13:56	23°♒41'59	
greatest brilliancy	-10162 Jun 10 j 02:04	26°♒06'35	-4.9m
	-10162 Jun 17 j 19:11	0°♓	
morning max el	-10162 Jul 19 j 00:54	26°♓21'42	46°42'25
	-10162 Jul 22 j 13:59	0°♈	
	-10162 Aug 18 j 16:50	0°♉	
asc. node	-10162 Aug 28 j 08:26	11°♉17'28	
	-10162 Sep 13 j 00:16	0°♊	
	-10162 Oct 07 j 16:46	0°♋	
	-10162 Nov 01 j 06:08	0°♌	
	-10162 Nov 25 j 21:05	0°♍	
desc. node	-10162 Dec 19 j 06:47	28°♍25'44	
	-10162 Dec 20 j 13:50	0°♎	
	-10161 Jan 14 j 06:11	0°♏	
morning set	-10161 Jan 23 j 09:05	11°♏06'58	
	-10161 Feb 07 j 19:52	0°♐	
max. Earth dist.	-10161 Feb 24 j 17:25	20°♐44'32	1.73580 AU
superior conj	-10161 Feb 28 j 07:21	25°♐08'54	-1°14'02
minimum elong	-10161 Feb 28 j 13:09	25°♐26'44	1°14'30
	-10161 Mar 04 j 05:53	0°♑	
	-10161 Mar 28 j 12:46	0°♒	
evening rise	-10161 Apr 04 j 11:15	8°♒35'20	
asc. node	-10161 Apr 09 j 18:41	15°♒10'10	
	-10161 Apr 21 j 17:43	0°♓	
	-10161 May 15 j 22:03	0°♈	
	-10161 Jun 09 j 03:11	0°♉	
	-10161 Jul 03 j 11:13	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10161 Jul 28 j 01:31	0°♋		
desc. node	-10161 Jul 31 j 20:07	4°♋33'38		
	-10161 Aug 22 j 03:52	0°♌		
	-10161 Sep 17 j 07:02	0°♍		
evening max el	-10161 Oct 06 j 10:47	20°♍26'28	46°37'26	
	-10161 Oct 16 j 05:48	0°♎		
greatest brilliancy	-10161 Nov 14 j 13:26	21°♎01'00	-4.8m	
asc. node	-10161 Nov 20 j 15:28	22°♎51'34		
retrograde	-10161 Nov 25 j 17:29	23°♎22'14		
evening set	-10161 Dec 11 j 09:40	18°♎26'42		
min. Earth dist.	-10161 Dec 16 j 11:05	15°♎17'11	0.29092 AU	
inferior conj	-10161 Dec 17 j 00:16	14°♎55'50	5°32'15	
minimum elong	-10161 Dec 16 j 15:41	15°♎09'44	5°30'22	
morning rise	-10161 Dec 21 j 22:11	11°♎50'11		
direct	-10160 Jan 07 j 12:16	6°♎30'35		
greatest brilliancy	-10160 Jan 16 j 11:49	7°♎58'50	-4.7m	
	-10160 Feb 18 j 15:48	0°♏		
morning max el	-10160 Feb 25 j 04:29	6°♏00'37	45°58'02	
desc. node	-10160 Mar 12 j 19:16	22°♏33'24		
	-10160 Mar 19 j 20:43	0°♐		
	-10160 Apr 15 j 20:11	0°♑		
	-10160 May 11 j 08:51	0°♒		
	-10160 Jun 05 j 00:49	0°♓		
	-10160 Jun 29 j 03:49	0°♈		
asc. node	-10160 Jul 02 j 08:34	4°♈00'43		
	-10160 Jul 22 j 23:31	0°♉		
	-10160 Aug 15 j 16:43	0°♊		
morning set	-10160 Aug 23 j 13:32	9°♊56'36		
	-10160 Sep 08 j 11:25	0°♋		
	-10160 Oct 02 j 10:08	0°♌		
superior conj	-10160 Oct 04 j 22:06	3°♌06'56	0°39'57	
minimum elong	-10160 Oct 05 j 07:59	3°♌37'43	0°40'04	
max. Earth dist.	-10160 Oct 11 j 18:27	11°♌38'24	1.71941 AU	
desc. node	-10160 Oct 23 j 05:53	25°♌53'15		
	-10160 Oct 26 j 13:34	0°♍		
evening rise	-10160 Nov 16 j 02:59	25°♍23'02		
	-10160 Nov 19 j 20:56	0°♎		
	-10160 Dec 14 j 07:16	0°♏		
	-10159 Jan 07 j 20:56	0°♐		
	-10159 Feb 01 j 16:17	0°♑		
asc. node	-10159 Feb 11 j 21:00	12°♑12'10		
	-10159 Feb 26 j 21:17	0°♒		
	-10159 Mar 24 j 17:31	0°♓		
	-10159 Apr 20 j 16:04	0°♈		
evening max el	-10159 May 12 j 07:03	22°♈22'17	46°47'35	
	-10159 May 20 j 07:37	0°♉		
desc. node	-10159 Jun 05 j 01:34	13°♉08'31		
greatest brilliancy	-10159 Jun 22 j 06:35	22°♉42'05	-4.9m	
retrograde	-10159 Jul 01 j 14:33	24°♉20'01		
evening set	-10159 Jul 18 j 22:16	18°♉40'51		
inferior conj	-10159 Jul 22 j 08:32	16°♉38'18	-8°38'31	
minimum elong	-10159 Jul 22 j 03:38	16°♉45'42	8°37'47	
min. Earth dist.	-10159 Jul 21 j 20:38	16°♉56'16	0.26530 AU	
morning rise	-10159 Jul 25 j 09:00	14°♉50'05		
direct	-10159 Aug 11 j 13:51	9°♉07'50		
greatest brilliancy	-10159 Aug 21 j 18:52	11°♉06'37	-4.9m	
	-10159 Sep 18 j 06:00	0°♊		
asc. node	-10159 Sep 24 j 20:04	6°♊11'41		
morning max el	-10159 Oct 01 j 01:21	12°♊22'57	46°33'45	
	-10159 Oct 17 j 15:39	0°♋		
	-10159 Nov 13 j 04:39	0°♌		
	-10159 Dec 08 j 22:39	0°♍		
	-10158 Jan 03 j 09:19	0°♎		
desc. node	-10158 Jan 15 j 20:12	14°♎47'11		
	-10158 Jan 28 j 14:14	0°♏		
	-10158 Feb 22 j 12:16	0°♐		
	-10158 Mar 19 j 02:41	0°♑		
morning set	-10158 Mar 31 j 02:19	14°♑44'49		
	-10158 Apr 12 j 10:08	0°♒		
max. Earth dist.	-10158 May 01 j 09:05	23°♒35'33	1.72125 AU	
superior conj	-10158 May 05 j 13:41	28°♒49'47	-0°04'06	
minimum elong	-10158 May 05 j 14:34	28°♒52'31	0°04'25	
behind sun begin	-10158 May 04 j 16:48	27°♒44'30		
behind sun end	-10158 May 06 j 12:19	0°♓00'33		
	-10158 May 06 j 12:09	0°♓		
asc. node	-10158 May 07 j 07:42	1°♓01'06		
	-10158 May 30 j 10:36	0°♈		
evening rise	-10158 Jun 11 j 08:13	14°♈57'20		
	-10158 Jun 23 j 07:29	0°♉		
	-10158 Jul 17 j 05:02	0°♊		
	-10158 Aug 10 j 05:36	0°♋		
desc. node	-10158 Aug 28 j 07:20	22°♋23'38		
	-10158 Sep 03 j 11:26	0°♌		
	-10158 Sep 28 j 00:56	0°♍		
	-10158 Oct 23 j 02:35	0°♎		
	-10158 Nov 18 j 03:57	0°♏		
evening max el	-10158 Dec 15 j 22:51	29°♏16'08	45°06'27	
	-10158 Dec 16 j 16:59	0°♐		
asc. node	-10158 Dec 18 j 01:50	1°♐18'44		
greatest brilliancy	-10157 Jan 22 j 10:07	26°♐49'43	-4.7m	
retrograde	-10157 Feb 02 j 05:41	28°♐55'29		
evening set	-10157 Feb 19 j 16:32	23°♐11'54		
inferior conj	-10157 Feb 23 j 15:49	20°♐45'53	7°43'55	
minimum elong	-10157 Feb 23 j 20:47	20°♐38'08	7°42'58	
min. Earth dist.	-10157 Feb 24 j 14:19	20°♐10'45	0.29376 AU	
morning rise	-10157 Feb 28 j 00:47	18°♐04'42		
direct	-10157 Mar 17 j 16:00	12°♐16'35		
greatest brilliancy	-10157 Mar 28 j 12:28	14°♐22'45	-4.7m	
desc. node	-10157 Apr 10 j 06:27	21°♐06'05		
	-10157 Apr 22 j 00:15	0°♑		
morning max el	-10157 May 06 j 06:32	13°♑00'21	46°18'39	
	-10157 May 22 j 19:10	0°♒		
	-10157 Jun 18 j 10:29	0°♓		
	-10157 Jul 13 j 12:34	0°♈		
asc. node	-10157 Jul 30 j 21:53	21°♈23'01		
	-10157 Aug 06 j 20:26	0°♉		
	-10157 Aug 30 j 20:18	0°♊		
	-10157 Sep 23 j 19:01	0°♋		
	-10157 Oct 17 j 20:47	0°♌		
morning set	-10157 Nov 10 j 01:55	28°♌42'47		
	-10157 Nov 11 j 02:58	0°♍		
desc. node	-10157 Nov 20 j 19:17	11°♍55'08		
	-10157 Dec 05 j 12:32	0°♎		
superior conj	-10157 Dec 20 j 07:49	18°♎09'47	-0°59'22	
minimum elong	-10157 Dec 19 j 22:35	17°♎41'29	0°59'12	
max. Earth dist.	-10157 Dec 20 j 17:50	18°♎40'28	1.73575 AU	
	-10157 Dec 29 j 23:26	0°♏		
	-10156 Jan 23 j 10:17	0°♐		
evening rise	-10156 Jan 26 j 07:30	3°♐32'22		
greatest brilliancy	-10156 Feb 06 j 21:12	17°♐44'07	-3.9m	
	-10156 Feb 16 j 21:11	0°♑		
asc. node	-10156 Mar 11 j 08:30	28°♑43'50		
	-10156 Mar 12 j 09:27	0°♒		
	-10156 Apr 06 j 00:39	0°♓		
	-10156 Apr 30 j 20:22	0°♈		
	-10156 May 25 j 23:21	0°♉		
	-10156 Jun 20 j 16:36	0°♊		
desc. node	-10156 Jul 02 j 11:44	13°♊20'01		
	-10156 Jul 17 j 19:49	0°♋		
evening max el	-10156 Jul 24 j 08:50	6°♋46'37	47°50'56	
	-10156 Aug 19 j 04:03	0°♌		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

greatest brilliancy	-10156 Sep 03 j 18:19	8°♌53'08	-4.9m
retrograde	-10156 Sep 13 j 14:18	10°♌45'34	
evening set	-10156 Sep 29 j 03:40	5°♌48'49	
inferior conj	-10156 Oct 04 j 09:02	2°♌34'54	-4°13'21
minimum elong	-10156 Oct 04 j 17:06	2°♌22'07	4°10'37
min. Earth dist.	-10156 Oct 03 j 19:55	2°♌55'43	0.27277 AU
	-10156 Oct 08 j 13:03	30°℞♋	
morning rise	-10156 Oct 10 j 07:16	28°♋59'28	
asc. node	-10156 Oct 22 j 07:05	24°♋50'02	
direct	-10156 Oct 24 j 19:53	24°♋42'00	
greatest brilliancy	-10156 Nov 03 j 03:21	26°♋22'08	-4.8m
	-10156 Nov 11 j 02:09	0°♌	
morning max el	-10156 Dec 13 j 04:02	25°♌56'31	46°06'30
	-10156 Dec 17 j 07:10	0°♍	
	-10155 Jan 14 j 19:31	0°♎	
	-10155 Feb 10 j 13:34	0°♏	
desc. node	-10155 Feb 12 j 09:12	2°♏04'55	
	-10155 Mar 08 j 09:15	0°♐	
	-10155 Apr 02 j 12:28	0°♑	
	-10155 Apr 27 j 02:38	0°♒	
	-10155 May 21 j 06:51	0°♓	
asc. node	-10155 Jun 03 j 21:10	17°♓02'28	
morning set	-10155 Jun 07 j 00:42	20°♓59'55	
	-10155 Jun 14 j 04:14	0°♈	
	-10155 Jul 07 j 22:00	0°♉	
superior conj	-10155 Jul 15 j 20:31	10°♉02'36	1°16'57
minimum elong	-10155 Jul 15 j 12:59	9°♉38'47	1°17'08
max. Earth dist.	-10155 Jul 17 j 01:27	11°♉34'05	1.70725 AU
	-10155 Jul 31 j 15:19	0°♊	
	-10155 Aug 24 j 10:55	0°♋	
evening rise	-10155 Aug 26 j 12:07	2°♋34'24	
	-10155 Sep 17 j 10:40	0°♌	
desc. node	-10155 Sep 24 j 19:18	9°♌09'07	
	-10155 Oct 11 j 15:25	0°♍	
	-10155 Nov 05 j 01:38	0°♎	
	-10155 Nov 29 j 19:01	0°♏	
	-10155 Dec 25 j 00:31	0°♐	
asc. node	-10154 Jan 14 j 12:13	23°♐36'08	
	-10154 Jan 20 j 05:08	0°♑	
	-10154 Feb 17 j 11:05	0°♒	
evening max el	-10154 Feb 25 j 12:35	7°♒49'58	45°07'55
	-10154 Mar 25 j 06:56	0°♓	
greatest brilliancy	-10154 Apr 04 j 21:38	5°♓03'02	-4.7m
retrograde	-10154 Apr 14 j 20:36	6°♓47'46	
evening set	-10154 Apr 29 j 12:37	2°♓48'19	
	-10154 May 04 j 12:49	30°℞♒	
inferior conj	-10154 May 05 j 21:53	29°♒10'46	0°26'00
minimum elong	-10154 May 05 j 22:51	29°♒09'20	0°25'21
min. Earth dist.	-10154 May 06 j 17:40	28°♒41'13	0.27386 AU
desc. node	-10154 May 07 j 17:29	28°♒05'47	
morning rise	-10154 May 12 j 08:00	25°♒29'40	
direct	-10154 May 27 j 03:33	21°♒20'01	
greatest brilliancy	-10154 Jun 07 j 17:21	23°♒45'27	-4.9m
	-10154 Jun 19 j 02:49	0°♓	
morning max el	-10154 Jul 16 j 13:23	23°♓53'21	46°42'17
	-10154 Jul 22 j 11:21	0°♈	
	-10154 Aug 18 j 08:56	0°♉	
asc. node	-10154 Aug 27 j 10:32	10°♉38'58	
	-10154 Sep 12 j 14:18	0°♊	
	-10154 Oct 07 j 05:44	0°♋	
	-10154 Oct 31 j 18:27	0°♌	
	-10154 Nov 25 j 08:58	0°♍	
desc. node	-10154 Dec 18 j 08:54	27°♍57'03	
	-10154 Dec 20 j 01:23	0°♎	
	-10153 Jan 13 j 17:29	0°♏	
morning set	-10153 Jan 21 j 02:18	8°♏58'53	
	-10153 Feb 07 j 07:00	0°♐	
max. Earth dist.	-10153 Feb 22 j 12:59	18°♐43'07	1.73611 AU
superior conj	-10153 Feb 26 j 02:50	23°♐07'05	-1°15'10
minimum elong	-10153 Feb 26 j 08:13	23°♐23'40	1°15'38
	-10153 Mar 03 j 16:58	0°♑	
	-10153 Mar 27 j 23:56	0°♒	
evening rise	-10153 Apr 02 j 06:39	6°♒32'04	
asc. node	-10153 Apr 08 j 20:53	14°♒41'59	
	-10153 Apr 21 j 05:07	0°♓	
	-10153 May 15 j 09:47	0°♈	
	-10153 Jun 08 j 15:19	0°♉	
	-10153 Jul 02 j 23:51	0°♊	
	-10153 Jul 27 j 14:51	0°♋	
desc. node	-10153 Jul 30 j 22:18	3°♋59'35	
	-10153 Aug 21 j 18:27	0°♌	
	-10153 Sep 17 j 00:19	0°♍	
evening max el	-10153 Oct 04 j 01:18	18°♍06'57	46°41'06
	-10153 Oct 16 j 08:22	0°♎	
greatest brilliancy	-10153 Nov 12 j 07:48	18°♎51'36	-4.8m
asc. node	-10153 Nov 19 j 17:49	20°♎55'56	
retrograde	-10153 Nov 23 j 10:45	21°♎12'28	
evening set	-10153 Dec 09 j 01:05	16°♎19'30	
min. Earth dist.	-10153 Dec 14 j 04:00	13°♎08'04	0.29041 AU
inferior conj	-10153 Dec 14 j 17:36	12°♎46'04	5°18'29
minimum elong	-10153 Dec 14 j 09:06	12°♎59'48	5°16'36
morning rise	-10153 Dec 19 j 17:35	9°♎37'17	
direct	-10152 Jan 05 j 04:10	4°♎21'24	
greatest brilliancy	-10152 Jan 14 j 04:23	5°♎50'04	-4.7m
	-10152 Feb 18 j 17:07	0°♏	
morning max el	-10152 Feb 22 j 20:12	3°♏50'17	45°57'46
desc. node	-10152 Mar 11 j 21:20	21°♏52'10	
	-10152 Mar 19 j 13:22	0°♐	
	-10152 Apr 15 j 10:07	0°♑	
	-10152 May 10 j 21:34	0°♒	
	-10152 Jun 04 j 12:56	0°♓	
	-10152 Jun 28 j 15:37	0°♈	
asc. node	-10152 Jul 01 j 10:41	3°♈30'23	
	-10152 Jul 22 j 11:09	0°♉	
	-10152 Aug 15 j 04:15	0°♊	
morning set	-10152 Aug 20 j 23:13	7°♊19'12	
	-10152 Sep 07 j 22:52	0°♋	
	-10152 Oct 01 j 21:30	0°♌	
superior conj	-10152 Oct 02 j 07:03	0°♌29'46	0°43'21
minimum elong	-10152 Oct 02 j 17:32	1°♌02'28	0°43'27
max. Earth dist.	-10152 Oct 09 j 04:09	9°♌04'02	1.71867 AU
desc. node	-10152 Oct 22 j 08:08	25°♌25'07	
	-10152 Oct 26 j 00:53	0°♍	
evening rise	-10152 Nov 13 j 15:40	22°♍59'30	
	-10152 Nov 19 j 08:14	0°♎	
	-10152 Dec 13 j 18:38	0°♏	
	-10151 Jan 07 j 08:32	0°♐	
	-10151 Feb 01 j 04:24	0°♑	
asc. node	-10151 Feb 10 j 23:06	11°♑41'26	
	-10151 Feb 26 j 10:22	0°♒	
	-10151 Mar 24 j 08:22	0°♓	
	-10151 Apr 20 j 10:33	0°♈	
evening max el	-10151 May 09 j 19:31	19°♈55'32	46°43'49
	-10151 May 20 j 13:21	0°♉	
desc. node	-10151 Jun 04 j 03:48	11°♉46'56	
greatest brilliancy	-10151 Jun 19 j 17:06	20°♉08'58	-4.9m
retrograde	-10151 Jun 29 j 02:35	21°♉48'05	
evening set	-10151 Jul 16 j 06:09	16°♉14'28	
inferior conj	-10151 Jul 19 j 20:10	14°♉06'53	-8°31'56
minimum elong	-10151 Jul 19 j 14:26	14°♉15'31	8°31'05
min. Earth dist.	-10151 Jul 19 j 08:17	14°♉24'46	0.26526 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10151 Jul 22 j 22:44	12°♉16'02	
direct	-10151 Aug 09 j 02:04	6°♉36'26	
greatest brilliancy	-10151 Aug 19 j 07:45	8°♉36'12	-4.9m
	-10151 Sep 18 j 11:38	0°♊	
asc. node	-10151 Sep 23 j 22:18	5°♊13'57	
morning max el	-10151 Sep 28 j 15:06	9°♊56'23	46°34'50
	-10151 Oct 17 j 10:03	0°♋	
	-10151 Nov 12 j 19:38	0°♌	
	-10151 Dec 08 j 11:58	0°♍	
	-10150 Jan 02 j 21:39	0°♎	
desc. node	-10150 Jan 14 j 22:16	14°♎17'39	
	-10150 Jan 28 j 01:57	0°♏	
	-10150 Feb 21 j 23:36	0°♐	
	-10150 Mar 18 j 13:50	0°♑	
morning set	-10150 Mar 28 j 21:49	12°♑42'40	
	-10150 Apr 11 j 21:14	0°♒	
max. Earth dist.	-10150 Apr 29 j 02:29	21°♒25'24	1.72187 AU
superior conj	-10150 May 03 j 07:41	26°♒41'16	-0°07'13
minimum elong	-10150 May 03 j 09:10	26°♒45'55	0°07'31
behind sun begin	-10150 May 02 j 13:11	25°♒43'28	
behind sun end	-10150 May 04 j 05:10	27°♒48'22	
	-10150 May 05 j 23:17	0°♓	
asc. node	-10150 May 06 j 09:58	0°♓33'22	
	-10150 May 29 j 21:51	0°♈	
evening rise	-10150 Jun 08 j 23:35	12°♈39'11	
	-10150 Jun 22 j 18:55	0°♉	
	-10150 Jul 16 j 16:41	0°♊	
	-10150 Aug 09 j 17:32	0°♋	
desc. node	-10150 Aug 27 j 09:28	21°♋52'42	
	-10150 Sep 02 j 23:42	0°♌	
	-10150 Sep 27 j 13:40	0°♍	
	-10150 Oct 22 j 16:14	0°♎	
	-10150 Nov 17 j 19:43	0°♏	
evening max el	-10150 Dec 13 j 15:35	27°♏07'20	45°08'27
	-10150 Dec 16 j 15:33	0°♐	
asc. node	-10150 Dec 17 j 04:04	0°♐29'34	
greatest brilliancy	-10149 Jan 20 j 02:00	24°♐42'56	-4.7m
retrograde	-10149 Jan 30 j 22:50	26°♐49'33	
evening set	-10149 Feb 17 j 10:39	21°♐03'48	
inferior conj	-10149 Feb 21 j 08:50	18°♐38'53	7°48'49
minimum elong	-10149 Feb 21 j 13:13	18°♐31'59	7°47'57
min. Earth dist.	-10149 Feb 22 j 05:49	18°♐06'00	0.29417 AU
morning rise	-10149 Feb 25 j 15:36	16°♐00'34	
direct	-10149 Mar 15 j 09:39	10°♐09'05	
greatest brilliancy	-10149 Mar 26 j 02:58	12°♐12'29	-4.7m
desc. node	-10149 Apr 09 j 08:49	19°♐54'21	
	-10149 Apr 22 j 05:45	0°♑	
morning max el	-10149 May 03 j 23:13	10°♑49'52	46°17'30
	-10149 May 22 j 12:50	0°♒	
	-10149 Jun 18 j 01:00	0°♓	
	-10149 Jul 13 j 01:41	0°♈	
asc. node	-10149 Jul 29 j 24:00	20°♈50'36	
	-10149 Aug 06 j 08:50	0°♉	
	-10149 Aug 30 j 08:17	0°♊	
	-10149 Sep 23 j 06:45	0°♋	
	-10149 Oct 17 j 08:18	0°♌	
morning set	-10149 Nov 07 j 13:39	26°♌16'05	
	-10149 Nov 10 j 14:17	0°♍	
desc. node	-10149 Nov 19 j 21:25	11°♍27'05	
	-10149 Dec 04 j 23:39	0°♎	
superior conj	-10149 Dec 17 j 23:16	15°♎56'02	-0°57'06
minimum elong	-10149 Dec 17 j 13:58	15°♎27'29	0°56'54
max. Earth dist.	-10149 Dec 18 j 16:19	16°♎48'20	1.73539 AU
	-10149 Dec 29 j 10:26	0°♏	
	-10148 Jan 22 j 21:15	0°♐	
evening rise	-10148 Jan 24 j 02:22	1°♐29'19	
greatest brilliancy	-10148 Feb 05 j 20:38	17°♐08'35	-3.9m
	-10148 Feb 16 j 08:18	0°♑	
asc. node	-10148 Mar 10 j 10:46	28°♑15'55	
	-10148 Mar 11 j 20:52	0°♒	
	-10148 Apr 05 j 12:36	0°♓	
	-10148 Apr 30 j 09:09	0°♈	
	-10148 May 25 j 13:23	0°♉	
	-10148 Jun 20 j 08:48	0°♊	
desc. node	-10148 Jul 01 j 13:54	12°♊36'46	
	-10148 Jul 17 j 17:00	0°♋	
evening max el	-10148 Jul 22 j 00:33	4°♋26'20	47°51'01
	-10148 Aug 20 j 04:06	0°♌	
greatest brilliancy	-10148 Sep 01 j 10:08	6°♌30'03	-4.9m
retrograde	-10148 Sep 11 j 04:59	8°♌20'56	
evening set	-10148 Sep 26 j 20:42	3°♌21'27	
inferior conj	-10148 Oct 01 j 23:22	0°♌11'23	-4°32'54
minimum elong	-10148 Oct 02 j 07:53	29°♋57'52	4°30'06
min. Earth dist.	-10148 Oct 01 j 10:29	0°♌31'51	0.27227 AU
	-10148 Oct 02 j 06:32	30°℞♋	
morning rise	-10148 Oct 07 j 19:49	26°♋38'32	
asc. node	-10148 Oct 21 j 09:27	22°♋21'12	
direct	-10148 Oct 22 j 09:54	22°♋19'55	
greatest brilliancy	-10148 Oct 31 j 17:31	24°♋00'05	-4.8m
	-10148 Nov 12 j 13:59	0°♌	
morning max el	-10148 Dec 10 j 18:20	23°♌38'38	46°07'17
	-10148 Dec 17 j 04:21	0°♍	
	-10147 Jan 14 j 11:05	0°♎	
	-10147 Feb 10 j 02:53	0°♏	
desc. node	-10147 Feb 11 j 11:17	1°♏32'56	
	-10147 Mar 07 j 21:25	0°♐	
	-10147 Apr 02 j 00:02	0°♑	
	-10147 Apr 26 j 13:53	0°♒	
	-10147 May 20 j 17:57	0°♓	
asc. node	-10147 Jun 02 j 23:17	16°♓34'12	
morning set	-10147 Jun 04 j 16:17	18°♓43'02	
	-10147 Jun 13 j 15:21	0°♈	
	-10147 Jul 07 j 09:11	0°♉	
superior conj	-10147 Jul 13 j 08:30	7°♉33'18	1°15'27
minimum elong	-10147 Jul 13 j 00:24	7°♉07'41	1°15'36
max. Earth dist.	-10147 Jul 14 j 00:56	8°♉25'14	1.70740 AU
	-10147 Jul 31 j 02:35	0°♊	
evening rise	-10147 Aug 23 j 19:27	29°♊51'13	
	-10147 Aug 23 j 22:14	0°♋	
	-10147 Sep 16 j 22:04	0°♌	
desc. node	-10147 Sep 23 j 21:35	8°♌40'42	
	-10147 Oct 11 j 02:55	0°♍	
	-10147 Nov 04 j 13:22	0°♎	
	-10147 Nov 29 j 07:11	0°♏	
	-10147 Dec 24 j 13:36	0°♐	
asc. node	-10146 Jan 13 j 14:26	23°♐01'33	
	-10146 Jan 19 j 20:15	0°♑	
	-10146 Feb 17 j 07:47	0°♒	
evening max el	-10146 Feb 23 j 02:01	5°♒33'13	45°06'04
	-10146 Mar 26 j 23:17	0°♓	
greatest brilliancy	-10146 Apr 02 j 10:58	2°♓45'56	-4.7m
retrograde	-10146 Apr 12 j 09:24	4°♓30'41	
evening set	-10146 Apr 27 j 03:14	0°♓29'04	
	-10146 Apr 28 j 01:24	30°℞♒	
inferior conj	-10146 May 03 j 11:34	26°♒52'54	0°47'37
minimum elong	-10146 May 03 j 13:20	26°♒50'15	0°46'43
min. Earth dist.	-10146 May 04 j 08:58	26°♒20'56	0.27456 AU
desc. node	-10146 May 06 j 19:36	24°♒54'22	
morning rise	-10146 May 09 j 22:15	23°♒10'40	
direct	-10146 May 24 j 17:33	19°♒00'22	
greatest brilliancy	-10146 Jun 05 j 09:21	21°♒27'15	-4.8m

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10146 Jun 20 j 01:01	0°♓		
morning max el	-10146 Jul 14 j 02:58	21°♓28'45	46°41'49	
	-10146 Jul 22 j 07:44	0°♈		
	-10146 Aug 18 j 00:38	0°♉		
asc. node	-10146 Aug 26 j 12:48	10°♉01'37		
	-10146 Sep 12 j 04:05	0°♊		
	-10146 Oct 06 j 18:29	0°♋		
	-10146 Oct 31 j 06:32	0°♌		
	-10146 Nov 24 j 20:35	0°♍		
desc. node	-10146 Dec 17 j 10:57	27°♍28'57		
	-10146 Dec 19 j 12:39	0°♎		
	-10145 Jan 13 j 04:30	0°♏		
morning set	-10145 Jan 18 j 19:30	6°♏51'34		
	-10145 Feb 06 j 17:50	0°♐		
max. Earth dist.	-10145 Feb 20 j 09:51	16°♐46'33	1.73637 AU	
superior conj	-10145 Feb 23 j 22:37	21°♐07'07	-1°16'12	
minimum elong	-10145 Feb 24 j 03:36	21°♐22'28	1°16'41	
	-10145 Mar 03 j 03:45	0°♑		
	-10145 Mar 27 j 10:46	0°♒		
evening rise	-10145 Mar 31 j 02:34	4°♒31'34		
asc. node	-10145 Apr 07 j 23:13	14°♒15'24		
	-10145 Apr 20 j 16:09	0°♓		
	-10145 May 14 j 21:08	0°♈		
	-10145 Jun 08 j 03:07	0°♉		
	-10145 Jul 02 j 12:12	0°♊		
	-10145 Jul 27 j 04:02	0°♋		
desc. node	-10145 Jul 30 j 00:27	3°♋26'00		
	-10145 Aug 21 j 09:00	0°♌		
	-10145 Sep 16 j 17:50	0°♍		
evening max el	-10145 Oct 01 j 16:28	15°♍49'20	46°44'52	
	-10145 Oct 16 j 12:28	0°♎		
greatest brilliancy	-10145 Nov 10 j 01:41	16°♎41'37	-4.8m	
asc. node	-10145 Nov 18 j 20:00	18°♎56'00		
retrograde	-10145 Nov 21 j 04:21	19°♎02'44		
evening set	-10145 Dec 06 j 16:25	14°♎12'03		
inferior conj	-10145 Dec 12 j 10:45	10°♎36'15	5°04'17	
minimum elong	-10145 Dec 12 j 02:23	10°♎49'47	5°02'21	
min. Earth dist.	-10145 Dec 11 j 20:34	10°♎59'10	0.28986 AU	
morning rise	-10145 Dec 17 j 12:48	7°♎24'36		
direct	-10144 Jan 02 j 20:03	2°♎12'14		
greatest brilliancy	-10144 Jan 11 j 20:29	3°♎41'15	-4.7m	
	-10144 Feb 18 j 16:54	0°♏		
morning max el	-10144 Feb 20 j 12:47	1°♏42'56	45°57'40	
desc. node	-10144 Mar 10 j 23:39	21°♏13'00		
	-10144 Mar 19 j 05:22	0°♐		
	-10144 Apr 14 j 23:34	0°♑		
	-10144 May 10 j 09:51	0°♒		
	-10144 Jun 04 j 00:37	0°♓		
	-10144 Jun 28 j 03:01	0°♈		
asc. node	-10144 Jun 30 j 12:52	3°♈01'33		
	-10144 Jul 21 j 22:24	0°♉		
	-10144 Aug 14 j 15:27	0°♊		
morning set	-10144 Aug 18 j 09:02	4°♊43'10		
	-10144 Sep 07 j 10:02	0°♋		
superior conj	-10144 Sep 29 j 15:27	27°♋51'21	0°46'41	
minimum elong	-10144 Sep 30 j 02:27	28°♋25'41	0°46'48	
	-10144 Oct 01 j 08:40	0°♌		
max. Earth dist.	-10144 Oct 06 j 11:40	6°♌23'21	1.71800 AU	
desc. node	-10144 Oct 21 j 10:17	24°♌57'12		
	-10144 Oct 25 j 12:01	0°♍		
evening rise	-10144 Nov 11 j 03:34	20°♍34'03		
	-10144 Nov 18 j 19:21	0°♎		
	-10144 Dec 13 j 05:48	0°♏		
	-10143 Jan 06 j 19:55	0°♐		
	-10143 Jan 31 j 16:18	0°♑		
asc. node	-10143 Feb 10 j 01:25	11°♑11'59		
	-10143 Feb 25 j 23:15	0°♒		
	-10143 Mar 23 j 23:04	0°♓		
	-10143 Apr 20 j 05:04	0°♈		
evening max el	-10143 May 07 j 09:20	17°♈33'42	46°40'13	
	-10143 May 20 j 20:32	0°♉		
desc. node	-10143 Jun 03 j 05:58	10°♉24'21		
greatest brilliancy	-10143 Jun 17 j 03:32	17°♉38'06	-4.9m	
retrograde	-10143 Jun 26 j 15:12	19°♉18'29		
evening set	-10143 Jul 13 j 14:09	13°♉50'53		
inferior conj	-10143 Jul 17 j 08:06	11°♉37'49	-8°24'22	
minimum elong	-10143 Jul 17 j 01:34	11°♉47'38	8°23'23	
min. Earth dist.	-10143 Jul 16 j 19:59	11°♉56'01	0.26523 AU	
morning rise	-10143 Jul 20 j 13:02	9°♉43'51		
direct	-10143 Aug 06 j 14:59	4°♉07'41		
greatest brilliancy	-10143 Aug 16 j 20:21	6°♉07'30	-4.9m	
	-10143 Sep 18 j 14:52	0°♊		
asc. node	-10143 Sep 23 j 00:41	4°♊19'06		
morning max el	-10143 Sep 26 j 05:07	7°♊31'41	46°35'27	
	-10143 Oct 17 j 03:44	0°♋		
	-10143 Nov 12 j 10:14	0°♌		
	-10143 Dec 08 j 01:02	0°♍		
	-10142 Jan 02 j 09:47	0°♎		
desc. node	-10142 Jan 14 j 00:27	13°♎48'57		
	-10142 Jan 27 j 13:28	0°♏		
	-10142 Feb 21 j 10:44	0°♐		
	-10142 Mar 18 j 00:45	0°♑		
morning set	-10142 Mar 26 j 17:13	10°♑41'00		
	-10142 Apr 11 j 08:05	0°♒		
max. Earth dist.	-10142 Apr 26 j 18:14	19°♒10'58	1.72246 AU	
superior conj	-10142 May 01 j 01:52	24°♒34'12	-0°10'18	
minimum elong	-10142 May 01 j 03:57	24°♒40'41	0°10'35	
behind sun begin	-10142 Apr 30 j 11:01	23°♒47'51		
behind sun end	-10142 May 01 j 20:52	25°♒33'31		
	-10142 May 05 j 10:11	0°♓		
asc. node	-10142 May 05 j 12:03	0°♓05'49		
	-10142 May 29 j 08:52	0°♈		
evening rise	-10142 Jun 06 j 15:22	10°♈23'08		
	-10142 Jun 22 j 06:05	0°♉		
	-10142 Jul 16 j 04:04	0°♊		
	-10142 Aug 09 j 05:10	0°♋		
desc. node	-10142 Aug 26 j 11:47	21°♋23'18		
	-10142 Sep 02 j 11:41	0°♌		
	-10142 Sep 27 j 02:12	0°♍		
	-10142 Oct 22 j 05:47	0°♎		
	-10142 Nov 17 j 11:38	0°♏		
evening max el	-10142 Dec 11 j 07:54	24°♏57'18	45°10'24	
asc. node	-10142 Dec 16 j 06:20	29°♏39'31		
	-10142 Dec 16 j 15:09	0°♐		
greatest brilliancy	-10141 Jan 17 j 18:26	22°♐36'21	-4.7m	
retrograde	-10141 Jan 28 j 15:16	24°♐43'05		
evening set	-10141 Feb 15 j 04:23	18°♐55'39		
inferior conj	-10141 Feb 19 j 01:40	16°♐31'37	7°53'02	
minimum elong	-10141 Feb 19 j 05:27	16°♐25'40	7°52'16	
min. Earth dist.	-10141 Feb 19 j 21:27	16°♐00'32	0.29451 AU	
morning rise	-10141 Feb 23 j 06:21	13°♐55'55		
direct	-10141 Mar 13 j 02:47	8°♐01'23		
greatest brilliancy	-10141 Mar 23 j 17:31	10°♐02'12	-4.7m	
desc. node	-10141 Apr 08 j 10:59	18°♐44'21		
	-10141 Apr 22 j 09:20	0°♑		
morning max el	-10141 May 01 j 14:48	8°♑37'06	46°16'26	
	-10141 May 22 j 05:59	0°♒		
	-10141 Jun 17 j 15:11	0°♓		
	-10141 Jul 12 j 14:33	0°♈		
asc. node	-10141 Jul 29 j 02:13	20°♈19'11		
	-10141 Aug 05 j 21:00	0°♉		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10141 Aug 29 j 20:03	0°♊	
	-10141 Sep 22 j 18:15	0°♋	
	-10141 Oct 16 j 19:36	0°♌	
morning set	-10141 Nov 05 j 01:26	23°♌49'57	
	-10141 Nov 10 j 01:24	0°♍	
desc. node	-10141 Nov 18 j 23:27	10°♍59'14	
	-10141 Dec 04 j 10:39	0°♎	
superior conj	-10141 Dec 15 j 14:22	13°♎41'29	-0°54'44
minimum elong	-10141 Dec 15 j 05:03	13°♎12'54	0°54'28
max. Earth dist.	-10141 Dec 16 j 13:58	14°♎53'53	1.73506 AU
	-10141 Dec 28 j 21:21	0°♏	
evening rise	-10140 Jan 21 j 20:44	29°♏24'48	
	-10140 Jan 22 j 08:12	0°♐	
greatest brilliancy	-10140 Feb 05 j 00:28	16°♐46'36	-3.9m
	-10140 Feb 15 j 19:24	0°♑	
asc. node	-10140 Mar 09 j 13:04	27°♑48'13	
	-10140 Mar 11 j 08:17	0°♒	
	-10140 Apr 05 j 00:34	0°♓	
	-10140 Apr 29 j 21:57	0°♈	
	-10140 May 25 j 03:30	0°♉	
	-10140 Jun 20 j 01:12	0°♊	
desc. node	-10140 Jun 30 j 16:09	11°♊53'28	
	-10140 Jul 17 j 14:49	0°♋	
evening max el	-10140 Jul 19 j 15:23	2°♋04'01	47°50'58
	-10140 Aug 21 j 13:14	0°♌	
greatest brilliancy	-10140 Aug 30 j 02:28	4°♌07'50	-4.9m
retrograde	-10140 Sep 08 j 19:12	5°♌56'39	
evening set	-10140 Sep 24 j 13:49	0°♌54'18	
	-10140 Sep 26 j 02:00	30°℞♋	
min. Earth dist.	-10140 Sep 29 j 01:20	28°♋08'04	0.27178 AU
inferior conj	-10140 Sep 29 j 13:44	27°♋48'22	-4°52'00
minimum elong	-10140 Sep 29 j 22:39	27°♋34'14	4°49'09
morning rise	-10140 Oct 05 j 08:09	24°♋18'16	
direct	-10140 Oct 19 j 23:24	19°♋58'10	
asc. node	-10140 Oct 20 j 11:34	19°♋58'29	
greatest brilliancy	-10140 Oct 29 j 08:08	21°♋38'55	-4.8m
	-10140 Nov 13 j 15:08	0°♌	
morning max el	-10140 Dec 08 j 08:03	21°♌19'21	46°08'01
	-10140 Dec 17 j 00:42	0°♍	
	-10139 Jan 14 j 02:24	0°♎	
	-10139 Feb 09 j 16:10	0°♏	
desc. node	-10139 Feb 10 j 13:32	1°♏01'26	
	-10139 Mar 07 j 09:39	0°♐	
	-10139 Apr 01 j 11:40	0°♑	
	-10139 Apr 26 j 01:11	0°♒	
	-10139 May 20 j 05:07	0°♓	
morning set	-10139 Jun 02 j 07:51	16°♓26'05	
asc. node	-10139 Jun 02 j 01:25	16°♓05'54	
	-10139 Jun 13 j 02:29	0°♈	
	-10139 Jul 06 j 20:24	0°♉	
superior conj	-10139 Jul 10 j 20:35	5°♉04'15	1°13'49
minimum elong	-10139 Jul 10 j 12:00	4°♉37'06	1°13'55
max. Earth dist.	-10139 Jul 11 j 03:08	5°♉24'58	1.70760 AU
	-10139 Jul 30 j 13:52	0°♊	
evening rise	-10139 Aug 21 j 03:03	27°♊08'46	
	-10139 Aug 23 j 09:37	0°♋	
	-10139 Sep 16 j 09:30	0°♌	
desc. node	-10139 Sep 22 j 23:42	8°♌11'38	
	-10139 Oct 10 j 14:28	0°♍	
	-10139 Nov 04 j 01:07	0°♎	
	-10139 Nov 28 j 19:24	0°♏	
	-10139 Dec 24 j 02:48	0°♐	
asc. node	-10138 Jan 12 j 16:45	22°♐26'45	
	-10138 Jan 19 j 11:41	0°♑	
	-10138 Feb 17 j 05:28	0°♒	
evening max el	-10138 Feb 20 j 15:33	3°♒16'10	45°04'12
	-10138 Mar 29 j 17:05	0°♓	
greatest brilliancy	-10138 Mar 30 j 23:36	0°♓27'15	-4.7m
retrograde	-10138 Apr 09 j 22:37	2°♓12'44	
	-10138 Apr 20 j 17:17	30°℞♒	
evening set	-10138 Apr 24 j 17:51	28°♒08'34	
inferior conj	-10138 May 01 j 01:04	24°♒33'58	1°09'07
minimum elong	-10138 May 01 j 03:38	24°♒30'08	1°07'59
min. Earth dist.	-10138 May 01 j 23:52	23°♒59'56	0.27528 AU
desc. node	-10138 May 05 j 21:46	21°♒43'16	
morning rise	-10138 May 07 j 12:11	20°♒51'06	
direct	-10138 May 22 j 07:43	16°♒39'39	
greatest brilliancy	-10138 Jun 03 j 01:03	19°♒08'03	-4.8m
	-10138 Jun 20 j 17:55	0°♓	
morning max el	-10138 Jul 11 j 17:19	19°♓05'50	46°41'27
	-10138 Jul 22 j 03:41	0°♈	
	-10138 Aug 17 j 16:13	0°♉	
asc. node	-10138 Aug 25 j 15:05	9°♉24'17	
	-10138 Sep 11 j 17:52	0°♊	
	-10138 Oct 06 j 07:16	0°♋	
	-10138 Oct 30 j 18:42	0°♌	
	-10138 Nov 24 j 08:18	0°♍	
desc. node	-10138 Dec 16 j 13:08	27°♍00'58	
	-10138 Dec 19 j 00:01	0°♎	
	-10137 Jan 12 j 15:37	0°♏	
morning set	-10137 Jan 16 j 12:43	4°♏43'50	
	-10137 Feb 06 j 04:49	0°♐	
max. Earth dist.	-10137 Feb 18 j 08:36	14°♐55'16	1.73667 AU
superior conj	-10137 Feb 21 j 18:19	19°♐06'28	-1°17'08
minimum elong	-10137 Feb 21 j 22:53	19°♐20'29	1°17'38
	-10137 Mar 02 j 14:42	0°♑	
	-10137 Mar 26 j 21:51	0°♒	
evening rise	-10137 Mar 28 j 22:23	2°♒30'04	
asc. node	-10137 Apr 07 j 01:17	13°♒47'12	
	-10137 Apr 20 j 03:28	0°♓	
	-10137 May 14 j 08:47	0°♈	
	-10137 Jun 07 j 15:12	0°♉	
	-10137 Jul 02 j 00:51	0°♊	
	-10137 Jul 26 j 17:30	0°♋	
desc. node	-10137 Jul 29 j 02:45	2°♋52'08	
	-10137 Aug 20 j 23:55	0°♌	
	-10137 Sep 16 j 11:57	0°♍	
evening max el	-10137 Sep 29 j 08:41	13°♍33'46	46°48'37
	-10137 Oct 16 j 18:47	0°♎	
greatest brilliancy	-10137 Nov 07 j 19:13	14°♎30'28	-4.8m
asc. node	-10137 Nov 17 j 22:18	16°♎50'55	
retrograde	-10137 Nov 18 j 22:21	16°♎52'09	
evening set	-10137 Dec 04 j 07:53	12°♎03'41	
min. Earth dist.	-10137 Dec 09 j 12:52	8°♎49'46	0.28928 AU
inferior conj	-10137 Dec 10 j 03:52	8°♎25'34	4°49'32
minimum elong	-10137 Dec 09 j 19:41	8°♎38'47	4°47'37
morning rise	-10137 Dec 15 j 08:01	5°♎11'10	
direct	-10137 Dec 31 j 12:20	0°♎02'22	
greatest brilliancy	-10136 Jan 09 j 12:02	1°♎31'16	-4.7m
morning max el	-10136 Feb 18 j 06:00	29°♎36'40	45°57'31
	-10136 Feb 18 j 15:52	0°♏	
desc. node	-10136 Mar 10 j 01:46	20°♏33'13	
	-10136 Mar 18 j 21:20	0°♐	
	-10136 Apr 14 j 13:09	0°♑	
	-10136 May 09 j 22:22	0°♒	
	-10136 Jun 03 j 12:37	0°♓	
	-10136 Jun 27 j 14:44	0°♈	
asc. node	-10136 Jun 29 j 15:06	2°♈31'46	
	-10136 Jul 21 j 09:59	0°♉	
	-10136 Aug 14 j 02:56	0°♊	
morning set	-10136 Aug 15 j 18:48	2°♊06'01	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10136 Sep 06 j 21:28	0°♋	
superior conj	-10136 Sep 26 j 23:42	25°♋11'36	0°49'56
minimum elong	-10136 Sep 27 j 11:08	25°♋47'18	0°50'03
	-10136 Sep 30 j 20:04	0°♌	
max. Earth dist.	-10136 Oct 03 j 21:13	3°♌48'05	1.71734 AU
desc. node	-10136 Oct 20 j 12:19	24°♌28'14	
	-10136 Oct 24 j 23:24	0°♍	
evening rise	-10136 Nov 08 j 15:23	18°♍07'29	
	-10136 Nov 18 j 06:43	0°♎	
	-10136 Dec 12 j 17:13	0°♏	
	-10135 Jan 06 j 07:34	0°♐	
	-10135 Jan 31 j 04:29	0°♑	
asc. node	-10135 Feb 09 j 03:44	10°♑41'50	
	-10135 Feb 25 j 12:27	0°♒	
	-10135 Mar 23 j 14:13	0°♓	
	-10135 Apr 20 j 00:25	0°♈	
evening max el	-10135 May 04 j 23:31	15°♈11'43	46°36'13
	-10135 May 21 j 06:57	0°♉	
desc. node	-10135 Jun 02 j 08:15	8°♉57'22	
greatest brilliancy	-10135 Jun 14 j 13:51	15°♉05'23	-4.9m
retrograde	-10135 Jun 24 j 03:11	16°♉46'26	
evening set	-10135 Jul 10 j 21:39	11°♉25'29	
inferior conj	-10135 Jul 14 j 19:41	9°♉06'34	-8°15'45
minimum elong	-10135 Jul 14 j 12:25	9°♉17'29	8°14'36
min. Earth dist.	-10135 Jul 14 j 07:37	9°♉24'41	0.26519 AU
morning rise	-10135 Jul 18 j 03:16	7°♉08'54	
direct	-10135 Aug 04 j 03:39	1°♉36'49	
greatest brilliancy	-10135 Aug 14 j 08:44	3°♉36'25	-4.9m
	-10135 Sep 18 j 17:12	0°♊	
asc. node	-10135 Sep 22 j 02:46	3°♊23'14	
morning max el	-10135 Sep 23 j 18:13	5°♊03'16	46°36'14
	-10135 Oct 16 j 21:25	0°♋	
	-10135 Nov 12 j 00:58	0°♌	
	-10135 Dec 07 j 14:18	0°♍	
	-10134 Jan 01 j 22:08	0°♎	
desc. node	-10134 Jan 13 j 02:35	13°♎19'21	
	-10134 Jan 27 j 01:13	0°♏	
	-10134 Feb 20 j 22:05	0°♐	
	-10134 Mar 17 j 11:54	0°♑	
morning set	-10134 Mar 24 j 12:56	8°♑39'43	
	-10134 Apr 10 j 19:10	0°♒	
max. Earth dist.	-10134 Apr 24 j 10:10	16°♒56'31	1.72310 AU
superior conj	-10134 Apr 28 j 20:27	22°♒27'47	-0°13'19
minimum elong	-10134 Apr 28 j 23:06	22°♒36'01	0°13'36
behind sun begin	-10134 Apr 28 j 11:20	21°♒59'18	
behind sun end	-10134 Apr 29 j 10:52	23°♒12'44	
asc. node	-10134 May 04 j 14:17	29°♒37'58	
	-10134 May 04 j 21:20	0°♓	
	-10134 May 28 j 20:09	0°♈	
evening rise	-10134 Jun 04 j 07:26	8°♈07'14	
	-10134 Jun 21 j 17:36	0°♉	
	-10134 Jul 15 j 15:50	0°♊	
	-10134 Aug 08 j 17:14	0°♋	
desc. node	-10134 Aug 25 j 13:53	20°♋51'57	
	-10134 Sep 02 j 00:05	0°♌	
	-10134 Sep 26 j 15:09	0°♍	
	-10134 Oct 21 j 19:47	0°♎	
	-10134 Nov 17 j 04:08	0°♏	
evening max el	-10134 Dec 08 j 23:33	22°♏44'43	45°12'31
asc. node	-10134 Dec 15 j 08:40	28°♏47'59	
	-10134 Dec 16 j 16:12	0°♐	
greatest brilliancy	-10133 Jan 15 j 11:19	20°♐29'50	-4.7m
retrograde	-10133 Jan 26 j 07:40	22°♐36'41	
evening set	-10133 Feb 12 j 22:10	16°♐47'46	
inferior conj	-10133 Feb 16 j 18:48	14°♐24'25	7°56'41
minimum elong	-10133 Feb 16 j 21:56	14°♐19'28	7°56'00
min. Earth dist.	-10133 Feb 17 j 13:36	13°♐54'46	0.29481 AU
morning rise	-10133 Feb 20 j 21:30	11°♐51'11	
direct	-10133 Mar 10 j 19:43	5°♐53'44	
greatest brilliancy	-10133 Mar 21 j 08:54	7°♐52'42	-4.7m
desc. node	-10133 Apr 07 j 13:03	17°♐35'45	
	-10133 Apr 22 j 11:34	0°♑	
morning max el	-10133 Apr 29 j 05:56	6°♑22'55	46°15'30
	-10133 May 21 j 22:58	0°♒	
	-10133 Jun 17 j 05:24	0°♓	
	-10133 Jul 12 j 03:33	0°♈	
asc. node	-10133 Jul 28 j 04:27	19°♈47'06	
	-10133 Aug 05 j 09:23	0°♉	
	-10133 Aug 29 j 08:06	0°♊	
	-10133 Sep 22 j 06:04	0°♋	
	-10133 Oct 16 j 07:13	0°♌	
morning set	-10133 Nov 02 j 12:42	21°♌21'08	
	-10133 Nov 09 j 12:49	0°♍	
desc. node	-10133 Nov 18 j 01:41	10°♍31'08	
	-10133 Dec 03 j 21:54	0°♎	
superior conj	-10133 Dec 13 j 05:10	11°♎25'11	-0°52'14
minimum elong	-10133 Dec 12 j 19:53	10°♎56'42	0°51'58
max. Earth dist.	-10133 Dec 14 j 10:25	12°♎54'58	1.73466 AU
	-10133 Dec 28 j 08:31	0°♏	
evening rise	-10132 Jan 19 j 15:02	27°♏19'23	
	-10132 Jan 21 j 19:23	0°♐	
greatest brilliancy	-10132 Feb 04 j 09:49	16°♐40'54	-3.9m
	-10132 Feb 15 j 06:43	0°♑	
asc. node	-10132 Mar 08 j 15:10	27°♑19'16	
	-10132 Mar 10 j 19:55	0°♒	
	-10132 Apr 04 j 12:44	0°♓	
	-10132 Apr 29 j 10:57	0°♈	
	-10132 May 24 j 17:51	0°♉	
	-10132 Jun 19 j 18:00	0°♊	
desc. node	-10132 Jun 29 j 18:24	11°♊09'12	
evening max el	-10132 Jul 17 j 05:08	29°♊38'20	47°50'30
	-10132 Jul 17 j 13:41	0°♋	
	-10132 Aug 23 j 15:38	0°♌	
greatest brilliancy	-10132 Aug 27 j 18:45	1°♌44'03	-4.9m
retrograde	-10132 Sep 06 j 08:53	3°♌30'47	
	-10132 Sep 19 j 10:08	30°℞♋	
evening set	-10132 Sep 22 j 06:45	28°♋25'05	
min. Earth dist.	-10132 Sep 26 j 16:14	25°♋42'09	0.27137 AU
inferior conj	-10132 Sep 27 j 03:52	25°♋23'41	-5°10'49
minimum elong	-10132 Sep 27 j 13:07	25°♋09'01	5°07'55
morning rise	-10132 Oct 02 j 20:03	21°♋56'40	
direct	-10132 Oct 17 j 12:25	17°♋34'21	
asc. node	-10132 Oct 19 j 13:52	17°♋39'29	
greatest brilliancy	-10132 Oct 26 j 23:07	19°♋16'32	-4.8m
	-10132 Nov 14 j 10:19	0°♌	
morning max el	-10132 Dec 05 j 21:48	18°♌58'52	46°08'57
	-10132 Dec 16 j 20:49	0°♍	
	-10131 Jan 13 j 17:47	0°♎	
	-10131 Feb 09 j 05:31	0°♏	
desc. node	-10131 Feb 09 j 15:38	0°♏29'10	
	-10131 Mar 06 j 21:57	0°♐	
	-10131 Mar 31 j 23:22	0°♑	
	-10131 Apr 25 j 12:34	0°♒	
	-10131 May 19 j 16:21	0°♓	
morning set	-10131 May 30 j 23:59	14°♓10'47	
asc. node	-10131 Jun 01 j 03:42	15°♓37'46	
	-10131 Jun 12 j 13:42	0°♈	
	-10131 Jul 06 j 07:39	0°♉	
superior conj	-10131 Jul 08 j 09:17	2°♉36'59	1°12'04
minimum elong	-10131 Jul 08 j 00:18	2°♉08'34	1°12'06

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10131 Jul 08 j 09:42	2°♉38'18	1.70783 AU	
	-10131 Jul 30 j 01:12	0°♊		
evening rise	-10131 Aug 18 j 11:16	24°♊27'59		
	-10131 Aug 22 j 21:02	0°♋		
	-10131 Sep 15 j 21:02	0°♌		
desc. node	-10131 Sep 22 j 01:48	7°♌42'16		
	-10131 Oct 10 j 02:10	0°♍		
	-10131 Nov 03 j 13:04	0°♎		
	-10131 Nov 28 j 07:49	0°♏		
	-10131 Dec 23 j 16:14	0°♐		
asc. node	-10130 Jan 11 j 19:01	21°♐51'16		
	-10130 Jan 19 j 03:26	0°♑		
	-10130 Feb 17 j 04:02	0°♒		
evening max el	-10130 Feb 18 j 05:48	1°♒01'01	45°02'39	
greatest brilliancy	-10130 Mar 28 j 11:52	28°♒08'48	-4.7m	
retrograde	-10130 Apr 07 j 12:26	29°♒55'30		
evening set	-10130 Apr 22 j 08:51	25°♒48'41		
inferior conj	-10130 Apr 28 j 14:44	22°♒15'35	1°30'22	
minimum elong	-10130 Apr 28 j 18:04	22°♒10'37	1°28'59	
min. Earth dist.	-10130 Apr 29 j 14:30	21°♒40'08	0.27601 AU	
morning rise	-10130 May 05 j 02:07	18°♒32'27		
desc. node	-10130 May 05 j 00:07	18°♒35'05		
direct	-10130 May 19 j 22:37	14°♒19'39		
greatest brilliancy	-10130 May 31 j 16:22	16°♒48'57	-4.8m	
	-10130 Jun 21 j 06:30	0°♓		
morning max el	-10130 Jul 09 j 08:33	16°♓45'35	46°41'06	
	-10130 Jul 21 j 22:59	0°♈		
	-10130 Aug 17 j 07:31	0°♉		
asc. node	-10130 Aug 24 j 17:10	8°♉46'56		
	-10130 Sep 11 j 07:26	0°♊		
	-10130 Oct 05 j 19:55	0°♋		
	-10130 Oct 30 j 06:47	0°♌		
	-10130 Nov 23 j 19:59	0°♍		
desc. node	-10130 Dec 15 j 15:17	26°♍32'47		
	-10130 Dec 18 j 11:24	0°♎		
	-10129 Jan 12 j 02:45	0°♏		
morning set	-10129 Jan 14 j 05:28	2°♏34'40		
	-10129 Feb 05 j 15:46	0°♐		
max. Earth dist.	-10129 Feb 16 j 07:55	13°♐05'51	1.73689 AU	
superior conj	-10129 Feb 19 j 13:40	17°♐04'48	-1°17'59	
minimum elong	-10129 Feb 19 j 17:45	17°♐17'21	1°18'28	
	-10129 Mar 02 j 01:36	0°♑		
	-10129 Mar 26 j 08:51	0°♒		
evening rise	-10129 Mar 26 j 18:03	0°♒28'26		
asc. node	-10129 Apr 06 j 03:30	13°♒19'45		
	-10129 Apr 19 j 14:42	0°♓		
	-10129 May 13 j 20:23	0°♈		
	-10129 Jun 07 j 03:13	0°♉		
	-10129 Jul 01 j 13:27	0°♊		
	-10129 Jul 26 j 06:56	0°♋		
desc. node	-10129 Jul 28 j 04:54	2°♋17'59		
	-10129 Aug 20 j 14:50	0°♌		
	-10129 Sep 16 j 06:15	0°♍		
evening max el	-10129 Sep 27 j 01:33	11°♍20'23	46°52'14	
	-10129 Oct 17 j 03:14	0°♎		
greatest brilliancy	-10129 Nov 05 j 12:38	12°♎19'33	-4.8m	
retrograde	-10129 Nov 16 j 16:18	14°♎41'31		
asc. node	-10129 Nov 17 j 00:37	14°♎41'22		
evening set	-10129 Dec 01 j 23:26	9°♎55'21		
min. Earth dist.	-10129 Dec 07 j 05:01	6°♎40'32	0.28870 AU	
inferior conj	-10129 Dec 07 j 20:54	6°♎14'54	4°34'14	
minimum elong	-10129 Dec 07 j 12:57	6°♎27'44	4°32'21	
morning rise	-10129 Dec 13 j 03:08	2°♎57'44		
	-10129 Dec 18 j 23:44	30°℞♍		
direct	-10129 Dec 29 j 04:57	27°♍52'41		
greatest brilliancy	-10128 Jan 07 j 03:20	29°♍20'59	-4.7m	
	-10128 Jan 09 j 00:40	0°♎		
morning max el	-10128 Feb 15 j 23:11	27°♎30'36	45°57'17	
	-10128 Feb 18 j 13:51	0°♏		
desc. node	-10128 Mar 09 j 03:53	19°♏54'01		
	-10128 Mar 18 j 12:56	0°♐		
	-10128 Apr 14 j 02:29	0°♑		
	-10128 May 09 j 10:39	0°♒		
	-10128 Jun 03 j 00:22	0°♓		
greatest brilliancy	-10128 Jun 23 j 24:00	26°♓07'17	-3.9m	
	-10128 Jun 27 j 02:13	0°♈		
asc. node	-10128 Jun 28 j 17:13	2°♈02'26		
	-10128 Jul 20 j 21:19	0°♉		
morning set	-10128 Aug 13 j 04:48	29°♉30'16		
	-10128 Aug 13 j 14:13	0°♊		
	-10128 Sep 06 j 08:42	0°♋		
superior conj	-10128 Sep 24 j 08:12	22°♋33'08	0°53'04	
minimum elong	-10128 Sep 24 j 19:55	23°♋09'47	0°53'11	
	-10128 Sep 30 j 07:15	0°♌		
max. Earth dist.	-10128 Oct 01 j 09:04	1°♌20'32	1.71665 AU	
desc. node	-10128 Oct 19 j 14:35	24°♌00'48		
	-10128 Oct 24 j 10:32	0°♍		
evening rise	-10128 Nov 06 j 03:10	15°♍41'33		
	-10128 Nov 17 j 17:49	0°♎		
	-10128 Dec 12 j 04:24	0°♏		
	-10127 Jan 05 j 19:02	0°♐		
	-10127 Jan 30 j 16:31	0°♑		
asc. node	-10127 Feb 08 j 05:50	10°♑11'30		
	-10127 Feb 25 j 01:33	0°♒		
	-10127 Mar 23 j 05:20	0°♓		
	-10127 Apr 19 j 20:02	0°♈		
evening max el	-10127 May 02 j 13:17	12°♈49'38	46°32'20	
	-10127 May 21 j 20:13	0°♉		
desc. node	-10127 Jun 01 j 10:28	7°♉28'11		
greatest brilliancy	-10127 Jun 12 j 00:43	12°♉34'38	-4.9m	
retrograde	-10127 Jun 21 j 14:39	14°♉15'39		
evening set	-10127 Jul 08 j 05:10	9°♉01'39		
inferior conj	-10127 Jul 12 j 07:23	6°♉36'44	-8°06'07	
minimum elong	-10127 Jul 11 j 23:27	6°♉48'39	8°04'49	
min. Earth dist.	-10127 Jul 11 j 19:43	6°♉54'15	0.26518 AU	
morning rise	-10127 Jul 15 j 17:49	4°♉34'54		
	-10127 Jul 26 j 02:42	30°℞♈		
direct	-10127 Aug 01 j 16:06	29°♈07'16		
	-10127 Aug 08 j 08:58	0°♉		
greatest brilliancy	-10127 Aug 11 j 21:43	1°♉07'02	-4.9m	
	-10127 Sep 18 j 17:52	0°♊		
asc. node	-10127 Sep 21 j 05:03	2°♊29'47		
morning max el	-10127 Sep 21 j 06:26	2°♊33'16	46°36'58	
	-10127 Oct 16 j 14:28	0°♋		
	-10127 Nov 11 j 15:15	0°♌		
	-10127 Dec 07 j 03:08	0°♍		
	-10126 Jan 01 j 10:06	0°♎		
desc. node	-10126 Jan 12 j 04:40	12°♎50'39		
	-10126 Jan 26 j 12:37	0°♏		
	-10126 Feb 20 j 09:09	0°♐		
	-10126 Mar 16 j 22:48	0°♑		
morning set	-10126 Mar 22 j 08:25	6°♑38'31		
	-10126 Apr 10 j 06:01	0°♒		
max. Earth dist.	-10126 Apr 22 j 02:15	14°♒43'20	1.72373 AU	
superior conj	-10126 Apr 26 j 14:55	20°♒21'53	-0°16'20	
minimum elong	-10126 Apr 26 j 18:07	20°♒31'50	0°16'36	
asc. node	-10126 May 03 j 16:31	29°♒10'59		
	-10126 May 04 j 08:13	0°♓		
	-10126 May 28 j 07:10	0°♈		
evening rise	-10126 Jun 01 j 23:30	5°♈52'21		
	-10126 Jun 21 j 04:47	0°♉		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10126 Jul 15 j 03:18	0°♊		
	-10126 Aug 08 j 04:59	0°♋		
desc. node	-10126 Aug 24 j 16:02	20°♋21'39		
	-10126 Sep 01 j 12:13	0°♌		
	-10126 Sep 26 j 03:50	0°♍		
	-10126 Oct 21 j 09:35	0°♎		
	-10126 Nov 16 j 20:32	0°♏		
evening max el	-10126 Dec 06 j 14:17	20°♏30'56	45°14'47	
asc. node	-10126 Dec 14 j 10:54	27°♏56'20		
	-10126 Dec 16 j 18:05	0°♐		
greatest brilliancy	-10125 Jan 13 j 03:55	18°♐24'02	-4.7m	
retrograde	-10125 Jan 24 j 00:14	20°♐31'37		
evening set	-10125 Feb 10 j 15:44	14°♐41'14		
inferior conj	-10125 Feb 14 j 11:57	12°♐18'23	7°59'38	
minimum elong	-10125 Feb 14 j 14:27	12°♐14'26	7°58'59	
min. Earth dist.	-10125 Feb 15 j 05:53	11°♐50'03	0.29513 AU	
morning rise	-10125 Feb 18 j 12:56	9°♐47'26		
direct	-10125 Mar 08 j 12:19	3°♐47'04		
greatest brilliancy	-10125 Mar 19 j 00:53	5°♐45'00	-4.7m	
desc. node	-10125 Apr 06 j 15:26	16°♐30'20		
	-10125 Apr 22 j 12:09	0°♑		
morning max el	-10125 Apr 26 j 21:11	4°♑09'52	46°14'31	
	-10125 May 21 j 15:23	0°♒		
	-10125 Jun 16 j 19:14	0°♓		
	-10125 Jul 11 j 16:12	0°♈		
asc. node	-10125 Jul 27 j 06:33	19°♈15'39		
	-10125 Aug 04 j 21:25	0°♉		
	-10125 Aug 28 j 19:47	0°♊		
	-10125 Sep 21 j 17:31	0°♋		
	-10125 Oct 15 j 18:29	0°♌		
morning set	-10125 Oct 30 j 23:44	18°♌52'21		
	-10125 Nov 08 j 23:55	0°♍		
desc. node	-10125 Nov 17 j 03:46	10°♍03'31		
	-10125 Dec 03 j 08:51	0°♎		
superior conj	-10125 Dec 10 j 19:46	9°♎09'16	-0°49'39	
minimum elong	-10125 Dec 10 j 10:36	8°♎41'07	0°49'20	
max. Earth dist.	-10125 Dec 12 j 04:49	10°♎50'41	1.73423 AU	
	-10125 Dec 27 j 19:23	0°♏		
evening rise	-10124 Jan 17 j 09:14	25°♏14'44		
	-10124 Jan 21 j 06:15	0°♐		
greatest brilliancy	-10124 Feb 03 j 19:28	16°♐37'03	-3.9m	
	-10124 Feb 14 j 17:43	0°♑		
asc. node	-10124 Mar 07 j 17:27	26°♑51'47		
	-10124 Mar 10 j 07:16	0°♒		
	-10124 Apr 04 j 00:40	0°♓		
	-10124 Apr 28 j 23:49	0°♈		
	-10124 May 24 j 08:09	0°♉		
	-10124 Jun 19 j 10:53	0°♊		
desc. node	-10124 Jun 28 j 20:34	10°♊24'39		
evening max el	-10124 Jul 14 j 18:36	27°♊12'41	47°50'08	
	-10124 Jul 17 j 13:14	0°♋		
greatest brilliancy	-10124 Aug 25 j 10:29	29°♋20'12	-4.9m	
	-10124 Aug 27 j 12:08	0°♌		
retrograde	-10124 Sep 03 j 22:39	1°♌05'36		
	-10124 Sep 11 j 03:43	30°℞♋		
evening set	-10124 Sep 19 j 23:37	25°♋56'02		
inferior conj	-10124 Sep 24 j 17:53	22°♋59'26	-5°29'04	
minimum elong	-10124 Sep 25 j 03:25	22°♋44'21	5°26'10	
min. Earth dist.	-10124 Sep 24 j 06:48	23°♋16'58	0.27097 AU	
morning rise	-10124 Sep 30 j 07:40	19°♋36'03		
direct	-10124 Oct 15 j 01:20	15°♋10'50		
asc. node	-10124 Oct 18 j 16:13	15°♋26'33		
greatest brilliancy	-10124 Oct 24 j 13:54	16°♋54'38	-4.8m	
	-10124 Nov 15 j 00:18	0°♌		
morning max el	-10124 Dec 03 j 12:19	16°♌40'51	46°09'53	
	-10124 Dec 16 j 16:02	0°♍		
	-10123 Jan 13 j 08:40	0°♎		
desc. node	-10123 Feb 08 j 17:43	29°♎57'46		
	-10123 Feb 08 j 18:30	0°♏		
	-10123 Mar 06 j 09:55	0°♐		
	-10123 Mar 31 j 10:46	0°♑		
	-10123 Apr 24 j 23:40	0°♒		
	-10123 May 19 j 03:21	0°♓		
morning set	-10123 May 28 j 16:11	11°♓56'26		
asc. node	-10123 May 31 j 05:47	15°♓09'45		
	-10123 Jun 12 j 00:44	0°♈		
superior conj	-10123 Jul 05 j 21:51	0°♉09'46	1°10'10	
minimum elong	-10123 Jul 05 j 12:32	29°♈40'20	1°10'09	
max. Earth dist.	-10123 Jul 05 j 17:04	29°♈54'38	1.70809 AU	
	-10123 Jul 05 j 18:45	0°♉		
	-10123 Jul 29 j 12:23	0°♊		
evening rise	-10123 Aug 15 j 19:14	21°♊46'53		
	-10123 Aug 22 j 08:17	0°♋		
	-10123 Sep 15 j 08:23	0°♌		
desc. node	-10123 Sep 21 j 04:04	7°♌14'02		
	-10123 Oct 09 j 13:39	0°♍		
	-10123 Nov 03 j 00:49	0°♎		
	-10123 Nov 27 j 20:05	0°♏		
	-10123 Dec 23 j 05:34	0°♐		
asc. node	-10122 Jan 10 j 21:13	21°♐15'51		
	-10122 Jan 18 j 19:15	0°♑		
evening max el	-10122 Feb 15 j 20:57	28°♑48'45	45°01'15	
	-10122 Feb 17 j 03:18	0°♒		
greatest brilliancy	-10122 Mar 26 j 00:14	25°♒51'44	-4.7m	
retrograde	-10122 Apr 05 j 02:26	27°♒39'23		
evening set	-10122 Apr 20 j 00:12	23°♒30'06		
inferior conj	-10122 Apr 26 j 04:32	19°♒58'24	1°51'14	
minimum elong	-10122 Apr 26 j 08:36	19°♒52'20	1°49'38	
min. Earth dist.	-10122 Apr 27 j 04:53	19°♒22'03	0.27674 AU	
morning rise	-10122 May 02 j 15:58	16°♒15'12		
desc. node	-10122 May 04 j 02:14	15°♒31'32		
direct	-10122 May 17 j 14:03	12°♒01'06		
greatest brilliancy	-10122 May 29 j 07:00	14°♒30'05	-4.8m	
	-10122 Jun 21 j 15:38	0°♓		
morning max el	-10122 Jul 06 j 23:49	14°♓26'05	46°40'26	
	-10122 Jul 21 j 17:41	0°♈		
	-10122 Aug 16 j 22:34	0°♉		
asc. node	-10122 Aug 23 j 19:26	8°♉10'23		
	-10122 Sep 10 j 20:53	0°♊		
	-10122 Oct 05 j 08:29	0°♋		
	-10122 Oct 29 j 18:46	0°♌		
	-10122 Nov 23 j 07:34	0°♍		
desc. node	-10122 Dec 14 j 17:18	26°♍04'36		
	-10122 Dec 17 j 22:39	0°♎		
morning set	-10121 Jan 11 j 22:04	0°♏25'20		
	-10121 Jan 11 j 13:46	0°♏		
	-10121 Feb 05 j 02:39	0°♐		
max. Earth dist.	-10121 Feb 14 j 07:02	11°♐16'02	1.73709 AU	
superior conj	-10121 Feb 17 j 09:01	15°♐03'20	-1°18'43	
minimum elong	-10121 Feb 17 j 12:36	15°♐14'22	1°19'13	
	-10121 Mar 01 j 12:28	0°♑		
evening rise	-10121 Mar 24 j 13:51	28°♑27'27		
	-10121 Mar 25 j 19:48	0°♒		
asc. node	-10121 Apr 05 j 05:48	12°♒52'46		
	-10121 Apr 19 j 01:53	0°♓		
	-10121 May 13 j 07:54	0°♈		
	-10121 Jun 06 j 15:12	0°♉		
	-10121 Jul 01 j 02:03	0°♊		
	-10121 Jul 25 j 20:28	0°♋		
desc. node	-10121 Jul 27 j 07:05	1°♋43'42		
	-10121 Aug 20 j 06:00	0°♌		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10121 Sep 16 j 01:10	0°♍		
evening max el	-10121 Sep 24 j 18:37	9°♍06'58	46°55'49	
	-10121 Oct 17 j 14:56	0°♎		
greatest brilliancy	-10121 Nov 03 j 06:31	10°♎08'33	-4.8m	
retrograde	-10121 Nov 14 j 09:55	12°♎29'56		
asc. node	-10121 Nov 16 j 02:47	12°♎26'19		
evening set	-10121 Nov 29 j 15:03	7°♎46'16		
min. Earth dist.	-10121 Dec 04 j 21:10	4°♎30'26	0.28807 AU	
inferior conj	-10121 Dec 05 j 13:49	4°♎03'33	4°18'27	
minimum elong	-10121 Dec 05 j 06:09	4°♎15'56	4°16'36	
morning rise	-10121 Dec 10 j 22:02	0°♎43'33		
	-10121 Dec 12 j 04:41	30°℞♍		
direct	-10121 Dec 26 j 21:37	25°♍42'31		
greatest brilliancy	-10120 Jan 04 j 18:27	27°♍09'58	-4.7m	
	-10120 Jan 11 j 15:16	0°♎		
morning max el	-10120 Feb 13 j 15:28	25°♎22'12	45°57'03	
	-10120 Feb 18 j 11:06	0°♏		
desc. node	-10120 Mar 08 j 06:11	19°♏15'35		
	-10120 Mar 18 j 04:21	0°♐		
	-10120 Apr 13 j 15:46	0°♑		
	-10120 May 08 j 22:55	0°♒		
	-10120 Jun 02 j 12:07	0°♓		
	-10120 Jun 26 j 13:42	0°♈		
greatest brilliancy	-10120 Jun 27 j 01:45	0°♈37'51	-3.9m	
asc. node	-10120 Jun 27 j 19:21	1°♈33'06		
	-10120 Jul 20 j 08:40	0°♉		
morning set	-10120 Aug 10 j 15:02	26°♉55'01		
	-10120 Aug 13 j 01:31	0°♊		
	-10120 Sep 05 j 20:01	0°♋		
superior conj	-10120 Sep 21 j 16:32	19°♋53'43	0°56'04	
minimum elong	-10120 Sep 22 j 04:25	20°♋30'55	0°56'13	
max. Earth dist.	-10120 Sep 28 j 21:12	28°♋53'21	1.71600 AU	
	-10120 Sep 29 j 18:34	0°♌		
desc. node	-10120 Oct 18 j 16:41	23°♌32'20		
	-10120 Oct 23 j 21:49	0°♍		
evening rise	-10120 Nov 03 j 14:14	13°♍12'48		
	-10120 Nov 17 j 05:05	0°♎		
	-10120 Dec 11 j 15:45	0°♏		
	-10119 Jan 05 j 06:40	0°♐		
	-10119 Jan 30 j 04:45	0°♑		
asc. node	-10119 Feb 07 j 08:09	9°♑41'17		
	-10119 Feb 24 j 14:55	0°♒		
	-10119 Mar 22 j 20:50	0°♓		
	-10119 Apr 19 j 16:24	0°♈		
evening max el	-10119 Apr 30 j 02:13	10°♈25'12	46°28'25	
	-10119 May 22 j 13:55	0°♉		
desc. node	-10119 May 31 j 12:39	5°♉55'24		
greatest brilliancy	-10119 Jun 09 j 12:15	10°♉04'33	-4.9m	
retrograde	-10119 Jun 19 j 01:44	11°♉45'05		
evening set	-10119 Jul 05 j 12:41	6°♉38'06		
inferior conj	-10119 Jul 09 j 19:11	4°♉07'14	-7°55'28	
minimum elong	-10119 Jul 09 j 10:39	4°♉20'03	7°54'01	
min. Earth dist.	-10119 Jul 09 j 08:18	4°♉23'35	0.26516 AU	
morning rise	-10119 Jul 13 j 08:38	2°♉00'59		
	-10119 Jul 17 j 02:57	30°℞♈		
direct	-10119 Jul 30 j 04:05	26°♈37'51		
greatest brilliancy	-10119 Aug 09 j 11:21	28°♈38'27	-4.9m	
	-10119 Aug 12 j 16:21	0°♉		
morning max el	-10119 Sep 18 j 17:42	0°♊00'27	46°37'38	
	-10119 Sep 18 j 17:32	0°♊		
asc. node	-10119 Sep 20 j 07:22	1°♊37'08		
	-10119 Oct 16 j 07:21	0°♋		
	-10119 Nov 11 j 05:36	0°♌		
	-10119 Dec 06 j 16:10	0°♍		
	-10119 Dec 31 j 22:17	0°♎		
desc. node	-10118 Jan 11 j 06:50	12°♎21'25		
	-10118 Jan 26 j 00:15	0°♏		
	-10118 Feb 19 j 20:26	0°♐		
	-10118 Mar 16 j 09:53	0°♑		
morning set	-10118 Mar 20 j 03:46	4°♑36'18		
	-10118 Apr 09 j 17:04	0°♒		
max. Earth dist.	-10118 Apr 19 j 20:25	12°♒36'03	1.72438 AU	
superior conj	-10118 Apr 24 j 09:30	18°♒15'39	-0°19'19	
minimum elong	-10118 Apr 24 j 13:13	18°♒27'14	0°19'34	
asc. node	-10118 May 02 j 18:35	28°♒42'44		
	-10118 May 03 j 19:20	0°♓		
	-10118 May 27 j 18:26	0°♈		
evening rise	-10118 May 30 j 15:56	3°♈37'54		
	-10118 Jun 20 j 16:16	0°♉		
	-10118 Jul 14 j 15:00	0°♊		
	-10118 Aug 07 j 16:57	0°♋		
desc. node	-10118 Aug 23 j 18:21	19°♋51'19		
	-10118 Sep 01 j 00:32	0°♌		
	-10118 Sep 25 j 16:46	0°♍		
	-10118 Oct 20 j 23:43	0°♎		
	-10118 Nov 16 j 13:34	0°♏		
evening max el	-10118 Dec 04 j 04:55	18°♏15'53	45°17'08	
asc. node	-10118 Dec 13 j 13:10	27°♏02'44		
	-10118 Dec 16 j 22:00	0°♐		
greatest brilliancy	-10117 Jan 10 j 20:11	16°♐16'50	-4.7m	
retrograde	-10117 Jan 21 j 17:18	18°♐25'50		
evening set	-10117 Feb 08 j 09:07	12°♐34'09		
inferior conj	-10117 Feb 12 j 05:11	10°♐11'31	8°01'46	
minimum elong	-10117 Feb 12 j 07:02	10°♐08'36	8°01'12	
min. Earth dist.	-10117 Feb 12 j 22:06	9°♐44'48	0.29542 AU	
morning rise	-10117 Feb 16 j 04:44	7°♐42'38		
direct	-10117 Mar 06 j 04:54	1°♐39'33		
greatest brilliancy	-10117 Mar 16 j 17:02	3°♐36'52	-4.7m	
desc. node	-10117 Apr 05 j 17:33	15°♐25'16		
	-10117 Apr 22 j 11:58	0°♑		
morning max el	-10117 Apr 24 j 13:03	1°♑57'42	46°13'35	
	-10117 May 21 j 07:48	0°♒		
	-10117 Jun 16 j 09:14	0°♓		
	-10117 Jul 11 j 05:05	0°♈		
asc. node	-10117 Jul 26 j 08:46	18°♈43'41		
	-10117 Aug 04 j 09:43	0°♉		
	-10117 Aug 28 j 07:44	0°♊		
	-10117 Sep 21 j 05:13	0°♋		
	-10117 Oct 15 j 05:58	0°♌		
morning set	-10117 Oct 28 j 10:59	16°♌23'26		
	-10117 Nov 08 j 11:14	0°♍		
desc. node	-10117 Nov 16 j 05:50	9°♍35'07		
	-10117 Dec 02 j 20:04	0°♎		
superior conj	-10117 Dec 08 j 10:24	6°♎52'33	-0°46'58	
minimum elong	-10117 Dec 08 j 01:24	6°♎24'55	0°46'38	
max. Earth dist.	-10117 Dec 09 j 22:39	8°♎43'49	1.73384 AU	
	-10117 Dec 27 j 06:32	0°♏		
evening rise	-10116 Jan 15 j 03:24	23°♏09'03		
	-10116 Jan 20 j 17:25	0°♐		
greatest brilliancy	-10116 Feb 03 j 08:12	16°♐41'39	-3.9m	
	-10116 Feb 14 j 05:02	0°♑		
asc. node	-10116 Mar 06 j 19:44	26°♑23'19		
	-10116 Mar 09 j 18:56	0°♒		
	-10116 Apr 03 j 12:58	0°♓		
	-10116 Apr 28 j 13:05	0°♈		
	-10116 May 23 j 22:56	0°♉		
	-10116 Jun 19 j 04:28	0°♊		
desc. node	-10116 Jun 27 j 22:50	9°♊38'41		
evening max el	-10116 Jul 12 j 08:42	24°♊47'41	47°49'36	
	-10116 Jul 17 j 14:16	0°♋		
greatest brilliancy	-10116 Aug 23 j 01:37	26°♋54'33	-4.9m	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10116 Sep 01 j 12:56	28°♋39'26	
evening set	-10116 Sep 17 j 16:31	23°♋25'44	
inferior conj	-10116 Sep 22 j 07:50	20°♋34'04	-5°46'45
minimum elong	-10116 Sep 22 j 17:36	20°♋18'40	5°43'53
min. Earth dist.	-10116 Sep 21 j 20:58	20°♋51'12	0.27056 AU
morning rise	-10116 Sep 27 j 19:05	17°♋14'51	
direct	-10116 Oct 12 j 14:37	12°♋46'16	
asc. node	-10116 Oct 17 j 18:19	13°♋17'58	
greatest brilliancy	-10116 Oct 22 j 04:09	14°♋31'20	-4.9m
	-10116 Nov 15 j 11:01	0°♌	
morning max el	-10116 Dec 01 j 03:33	14°♌23'57	46°10'53
	-10116 Dec 16 j 10:59	0°♍	
	-10115 Jan 12 j 23:36	0°♎	
desc. node	-10115 Feb 07 j 19:58	29°♎26'11	
	-10115 Feb 08 j 07:40	0°♏	
	-10115 Mar 05 j 22:08	0°♐	
	-10115 Mar 30 j 22:27	0°♑	
	-10115 Apr 24 j 11:03	0°♒	
	-10115 May 18 j 14:37	0°♓	
morning set	-10115 May 26 j 08:38	9°♓42'10	
asc. node	-10115 May 30 j 07:58	14°♓41'12	
	-10115 Jun 11 j 12:01	0°♈	
superior conj	-10115 Jul 03 j 10:40	27°♈42'37	1°08'08
minimum elong	-10115 Jul 03 j 01:07	27°♈12'27	1°08'05
max. Earth dist.	-10115 Jul 03 j 01:01	27°♈12'08	1.70838 AU
	-10115 Jul 05 j 06:07	0°♉	
	-10115 Jul 28 j 23:51	0°♊	
evening rise	-10115 Aug 13 j 03:25	19°♊05'28	
	-10115 Aug 21 j 19:51	0°♋	
	-10115 Sep 14 j 20:03	0°♌	
desc. node	-10115 Sep 20 j 06:10	6°♌44'15	
	-10115 Oct 09 j 01:27	0°♍	
	-10115 Nov 02 j 12:51	0°♎	
	-10115 Nov 27 j 08:36	0°♏	
	-10115 Dec 22 j 19:12	0°♐	
asc. node	-10114 Jan 09 j 23:32	20°♐39'55	
	-10114 Jan 18 j 11:32	0°♑	
evening max el	-10114 Feb 13 j 12:34	26°♑37'01	44°59'46
	-10114 Feb 17 j 03:57	0°♒	
greatest brilliancy	-10114 Mar 23 j 13:23	23°♒35'10	-4.7m
retrograde	-10114 Apr 02 j 16:20	25°♒22'54	
evening set	-10114 Apr 17 j 15:54	21°♒11'16	
inferior conj	-10114 Apr 23 j 18:32	17°♒41'05	2°11'42
minimum elong	-10114 Apr 23 j 23:18	17°♒33'57	2°09'54
min. Earth dist.	-10114 Apr 24 j 19:30	17°♒03'42	0.27747 AU
morning rise	-10114 Apr 30 j 05:44	13°♒57'48	
desc. node	-10114 May 03 j 04:24	12°♒31'13	
direct	-10114 May 15 j 05:34	9°♒42'34	
greatest brilliancy	-10114 May 26 j 21:23	12°♒10'28	-4.8m
	-10114 Jun 21 j 22:34	0°♓	
morning max el	-10114 Jul 04 j 14:28	12°♓04'30	46°39'42
	-10114 Jul 21 j 12:10	0°♈	
	-10114 Aug 16 j 13:39	0°♉	
asc. node	-10114 Aug 22 j 21:42	7°♉33'32	
	-10114 Sep 10 j 10:27	0°♊	
	-10114 Oct 04 j 21:12	0°♋	
	-10114 Oct 29 j 06:57	0°♌	
	-10114 Nov 22 j 19:19	0°♍	
desc. node	-10114 Dec 13 j 19:31	25°♍36'26	
	-10114 Dec 17 j 10:04	0°♎	
morning set	-10113 Jan 09 j 14:53	28°♎16'12	
	-10113 Jan 11 j 00:55	0°♏	
	-10113 Feb 04 j 13:39	0°♐	
max. Earth dist.	-10113 Feb 12 j 06:01	9°♐25'29	1.73727 AU
superior conj	-10113 Feb 15 j 04:35	13°♐02'12	-1°19'20
minimum elong	-10113 Feb 15 j 07:40	13°♐11'41	1°19'52
	-10113 Feb 28 j 23:27	0°♑	
evening rise	-10113 Mar 22 j 09:50	26°♑26'35	
	-10113 Mar 25 j 06:55	0°♒	
asc. node	-10113 Apr 04 j 07:52	12°♒24'33	
	-10113 Apr 18 j 13:16	0°♓	
	-10113 May 12 j 19:38	0°♈	
	-10113 Jun 06 j 03:24	0°♉	
	-10113 Jun 30 j 14:53	0°♊	
	-10113 Jul 25 j 10:16	0°♋	
desc. node	-10113 Jul 26 j 09:23	1°♋09'08	
	-10113 Aug 19 j 21:32	0°♌	
	-10113 Sep 15 j 20:46	0°♍	
evening max el	-10113 Sep 22 j 11:03	6°♍51'10	46°59'13
	-10113 Oct 18 j 06:57	0°♎	
greatest brilliancy	-10113 Nov 01 j 01:03	7°♎57'29	-4.8m
retrograde	-10113 Nov 12 j 03:08	10°♎17'27	
asc. node	-10113 Nov 15 j 05:07	10°♎05'33	
evening set	-10113 Nov 27 j 06:45	5°♎36'19	
min. Earth dist.	-10113 Dec 02 j 13:39	2°♎19'08	0.28739 AU
inferior conj	-10113 Dec 03 j 06:42	1°♎51'33	4°02'14
minimum elong	-10113 Dec 02 j 23:22	2°♎03'25	4°00'26
	-10113 Dec 06 j 04:27	30°℞♍	
morning rise	-10113 Dec 08 j 16:48	28°♍28'39	
direct	-10113 Dec 24 j 13:58	23°♍31'49	
greatest brilliancy	-10112 Jan 02 j 09:53	24°♍58'37	-4.7m
	-10112 Jan 13 j 06:38	0°♎	
morning max el	-10112 Feb 11 j 06:50	23°♎11'22	45°57'01
	-10112 Feb 18 j 07:41	0°♏	
desc. node	-10112 Mar 07 j 08:17	18°♏36'57	
	-10112 Mar 17 j 19:34	0°♐	
	-10112 Apr 13 j 05:00	0°♑	
	-10112 May 08 j 11:13	0°♒	
	-10112 Jun 01 j 23:57	0°♓	
	-10112 Jun 26 j 01:17	0°♈	
asc. node	-10112 Jun 26 j 21:37	1°♈03'51	
greatest brilliancy	-10112 Jun 29 j 00:03	3°♈42'21	-3.9m
	-10112 Jul 19 j 20:08	0°♉	
morning set	-10112 Aug 08 j 01:08	24°♉18'59	
	-10112 Aug 12 j 12:55	0°♊	
	-10112 Sep 05 j 07:24	0°♋	
superior conj	-10112 Sep 19 j 00:44	17°♋13'36	0°58'58
minimum elong	-10112 Sep 19 j 12:41	17°♋51'02	0°59'08
max. Earth dist.	-10112 Sep 26 j 08:24	26°♋22'57	1.71533 AU
	-10112 Sep 29 j 05:55	0°♌	
desc. node	-10112 Oct 17 j 18:45	23°♌03'37	
	-10112 Oct 23 j 09:09	0°♍	
evening rise	-10112 Nov 01 j 00:56	10°♍42'35	
	-10112 Nov 16 j 16:26	0°♎	
	-10112 Dec 11 j 03:11	0°♏	
	-10111 Jan 04 j 18:22	0°♐	
	-10111 Jan 29 j 17:01	0°♑	
asc. node	-10111 Feb 06 j 10:28	9°♑11'00	
	-10111 Feb 24 j 04:19	0°♒	
	-10111 Mar 22 j 12:28	0°♓	
	-10111 Apr 19 j 13:20	0°♈	
evening max el	-10111 Apr 27 j 14:13	7°♈58'52	46°24'24
	-10111 May 23 j 13:29	0°♉	
desc. node	-10111 May 30 j 14:57	4°♉19'21	
greatest brilliancy	-10111 Jun 06 j 23:50	7°♉34'36	-4.9m
retrograde	-10111 Jun 16 j 12:42	9°♉14'47	
evening set	-10111 Jul 02 j 20:06	4°♉14'24	
inferior conj	-10111 Jul 07 j 06:58	1°♉37'46	-7°43'48
minimum elong	-10111 Jul 06 j 21:53	1°♉51'24	7°42'10
min. Earth dist.	-10111 Jul 06 j 21:04	1°♉52'38	0.26522 AU
	-10111 Jul 10 j 00:46	30°℞♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10111 Jul 10 j 23:37	29°♈26'59		
direct	-10111 Jul 27 j 15:44	24°♈08'05		
greatest brilliancy	-10111 Aug 07 j 01:31	26°♈10'24	-4.9m	
	-10111 Aug 14 j 21:30	0°♉		
morning max el	-10111 Sep 16 j 05:11	27°♉27'51	46°38'23	
	-10111 Sep 18 j 16:17	0°♊		
asc. node	-10111 Sep 19 j 09:30	0°♊44'46		
	-10111 Oct 15 j 23:56	0°♋		
	-10111 Nov 10 j 19:47	0°♌		
	-10111 Dec 06 j 05:03	0°♍		
	-10111 Dec 31 j 10:22	0°♎		
desc. node	-10110 Jan 10 j 08:59	11°♎52'25		
	-10110 Jan 25 j 11:48	0°♏		
	-10110 Feb 19 j 07:38	0°♐		
	-10110 Mar 15 j 20:53	0°♑		
morning set	-10110 Mar 17 j 23:22	2°♑35'10		
	-10110 Apr 09 j 03:59	0°♒		
max. Earth dist.	-10110 Apr 17 j 16:58	10°♒36'40	1.72498 AU	
superior conj	-10110 Apr 22 j 04:27	16°♒11'08	-0°22'14	
minimum elong	-10110 Apr 22 j 08:40	16°♒24'16	0°22'29	
asc. node	-10110 May 01 j 20:51	28°♒15'36		
	-10110 May 03 j 06:18	0°♓		
	-10110 May 27 j 05:32	0°♈		
evening rise	-10110 May 28 j 08:51	1°♈25'35		
	-10110 Jun 20 j 03:36	0°♉		
	-10110 Jul 14 j 02:37	0°♊		
	-10110 Aug 07 j 04:53	0°♋		
desc. node	-10110 Aug 22 j 20:26	19°♋20'14		
	-10110 Aug 31 j 12:51	0°♌		
	-10110 Sep 25 j 05:44	0°♍		
	-10110 Oct 20 j 13:58	0°♎		
	-10110 Nov 16 j 06:53	0°♏		
evening max el	-10110 Dec 01 j 19:57	16°♏01'56	45°19'42	
asc. node	-10110 Dec 12 j 15:31	26°♏08'22		
	-10110 Dec 17 j 03:47	0°♐		
greatest brilliancy	-10109 Jan 08 j 11:55	14°♐09'05	-4.7m	
retrograde	-10109 Jan 19 j 10:45	16°♐20'04		
evening set	-10109 Feb 06 j 02:11	10°♐27'18		
inferior conj	-10109 Feb 09 j 22:18	8°♐04'34	8°03'22	
minimum elong	-10109 Feb 09 j 23:29	8°♐02'42	8°02'51	
min. Earth dist.	-10109 Feb 10 j 13:53	7°♐39'58	0.29565 AU	
morning rise	-10109 Feb 13 j 20:36	5°♐37'38		
	-10109 Feb 27 j 00:42	30°℞♏		
direct	-10109 Mar 03 j 21:41	29°♏32'02		
	-10109 Mar 08 j 21:56	0°♐		
greatest brilliancy	-10109 Mar 14 j 08:36	1°♐28'30	-4.7m	
desc. node	-10109 Apr 04 j 19:41	14°♐22'13		
morning max el	-10109 Apr 22 j 05:49	29°♐48'32	46°12'52	
	-10109 Apr 22 j 10:33	0°♑		
	-10109 May 20 j 23:41	0°♒		
	-10109 Jun 15 j 22:50	0°♓		
	-10109 Jul 10 j 17:39	0°♈		
asc. node	-10109 Jul 25 j 11:00	18°♈12'43		
	-10109 Aug 03 j 21:44	0°♉		
	-10109 Aug 27 j 19:28	0°♊		
	-10109 Sep 20 j 16:44	0°♋		
	-10109 Oct 14 j 17:18	0°♌		
morning set	-10109 Oct 25 j 21:38	13°♌52'47		
	-10109 Nov 07 j 22:25	0°♍		
desc. node	-10109 Nov 15 j 08:04	9°♍07'42		
	-10109 Dec 02 j 07:07	0°♎		
superior conj	-10109 Dec 06 j 00:21	4°♎34'07	-0°44'10	
minimum elong	-10109 Dec 05 j 15:34	4°♎07'10	0°43'48	
max. Earth dist.	-10109 Dec 07 j 16:22	6°♎37'02	1.73343 AU	
	-10109 Dec 26 j 17:31	0°♏		
evening rise	-10108 Jan 12 j 21:13	21°♏02'51		
	-10108 Jan 20 j 04:25	0°♐		
greatest brilliancy	-10108 Feb 03 j 03:24	17°♐06'33	-3.9m	
	-10108 Feb 13 j 16:12	0°♑		
asc. node	-10108 Mar 05 j 21:51	25°♑54'50		
	-10108 Mar 09 j 06:28	0°♒		
	-10108 Apr 03 j 01:06	0°♓		
	-10108 Apr 28 j 02:09	0°♈		
	-10108 May 23 j 13:31	0°♉		
	-10108 Jun 18 j 21:58	0°♊		
desc. node	-10108 Jun 27 j 01:06	8°♊53'16		
evening max el	-10108 Jul 09 j 23:30	22°♊25'44	47°48'51	
	-10108 Jul 17 j 16:05	0°♋		
greatest brilliancy	-10108 Aug 20 j 15:53	24°♋28'41	-4.9m	
retrograde	-10108 Aug 30 j 03:22	26°♋13'35		
evening set	-10108 Sep 15 j 09:20	20°♋55'37		
inferior conj	-10108 Sep 19 j 21:37	18°♋08'48	-6°03'58	
minimum elong	-10108 Sep 20 j 07:32	17°♋53'12	6°01'07	
min. Earth dist.	-10108 Sep 19 j 10:35	18°♋26'08	0.27023 AU	
morning rise	-10108 Sep 25 j 06:09	14°♋54'06		
direct	-10108 Oct 10 j 04:23	10°♋21'55		
asc. node	-10108 Oct 16 j 20:40	11°♋14'49		
greatest brilliancy	-10108 Oct 19 j 17:50	12°♋07'33	-4.9m	
	-10108 Nov 15 j 18:48	0°♌		
morning max el	-10108 Nov 28 j 19:05	12°♌07'56	46°11'43	
	-10108 Dec 16 j 05:20	0°♍		
	-10107 Jan 12 j 14:13	0°♎		
desc. node	-10107 Feb 06 j 22:04	28°♎54'52		
	-10107 Feb 07 j 20:33	0°♏		
	-10107 Mar 05 j 10:04	0°♐		
	-10107 Mar 30 j 09:51	0°♑		
	-10107 Apr 23 j 22:11	0°♒		
	-10107 May 18 j 01:39	0°♓		
morning set	-10107 May 24 j 01:20	7°♓29'38		
asc. node	-10107 May 29 j 10:13	14°♓13'44		
	-10107 Jun 10 j 23:01	0°♈		
max. Earth dist.	-10107 Jun 30 j 07:36	24°♈26'23	1.70862 AU	
superior conj	-10107 Jul 01 j 00:02	25°♈18'18	1°06'01	
minimum elong	-10107 Jun 30 j 14:21	24°♈47'42	1°05'55	
	-10107 Jul 04 j 17:10	0°♉		
	-10107 Jul 28 j 10:57	0°♊		
evening rise	-10107 Aug 10 j 12:10	16°♊26'50		
	-10107 Aug 21 j 07:03	0°♋		
	-10107 Sep 14 j 07:23	0°♌		
desc. node	-10107 Sep 19 j 08:18	6°♌15'36		
	-10107 Oct 08 j 12:58	0°♍		
	-10107 Nov 02 j 00:39	0°♎		
	-10107 Nov 26 j 20:58	0°♏		
	-10107 Dec 22 j 08:46	0°♐		
asc. node	-10106 Jan 09 j 01:49	20°♐04'01		
	-10106 Jan 18 j 03:55	0°♑		
evening max el	-10106 Feb 11 j 03:43	24°♑24'40	44°58'25	
	-10106 Feb 17 j 05:40	0°♒		
greatest brilliancy	-10106 Mar 21 j 03:04	21°♒19'52	-4.7m	
retrograde	-10106 Mar 31 j 05:38	23°♒07'01		
evening set	-10106 Apr 15 j 07:39	18°♒52'54		
inferior conj	-10106 Apr 21 j 08:30	15°♒24'30	2°31'49	
minimum elong	-10106 Apr 21 j 13:54	15°♒16'23	2°29'52	
min. Earth dist.	-10106 Apr 22 j 10:21	14°♒45'39	0.27819 AU	
morning rise	-10106 Apr 27 j 19:11	11°♒41'08		
desc. node	-10106 May 02 j 06:46	9°♒34'58		
direct	-10106 May 12 j 20:34	7°♒24'37		
greatest brilliancy	-10106 May 24 j 11:53	9°♒51'31	-4.8m	
	-10106 Jun 22 j 03:12	0°♓		
morning max el	-10106 Jul 02 j 04:16	9°♓41'34	46°39'11	
	-10106 Jul 21 j 05:56	0°♈		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10106 Aug 16 j 04:13	0°♉	
asc. node	-10106 Aug 21 j 23:46	6°♉57'21	
	-10106 Sep 09 j 23:33	0°♊	
	-10106 Oct 04 j 09:30	0°♋	
	-10106 Oct 28 j 18:45	0°♌	
	-10106 Nov 22 j 06:45	0°♍	
desc. node	-10106 Dec 12 j 21:38	25°♍08'50	
	-10106 Dec 16 j 21:13	0°♎	
morning set	-10105 Jan 07 j 07:15	26°♎06'21	
	-10105 Jan 10 j 11:51	0°♏	
	-10105 Feb 04 j 00:27	0°♐	
max. Earth dist.	-10105 Feb 10 j 02:50	7°♐28'56	1.73742 AU
superior conj	-10105 Feb 12 j 23:44	11°♐00'26	-1°19'53
minimum elong	-10105 Feb 13 j 02:16	11°♐08'14	1°20'23
	-10105 Feb 28 j 10:14	0°♑	
evening rise	-10105 Mar 20 j 05:26	24°♑25'12	
	-10105 Mar 24 j 17:50	0°♒	
asc. node	-10105 Apr 03 j 10:08	11°♒57'35	
	-10105 Apr 18 j 00:26	0°♓	
	-10105 May 12 j 07:11	0°♈	
	-10105 Jun 05 j 15:26	0°♉	
	-10105 Jun 30 j 03:34	0°♊	
	-10105 Jul 24 j 23:55	0°♋	
desc. node	-10105 Jul 25 j 11:31	0°♋34'40	
	-10105 Aug 19 j 12:55	0°♌	
	-10105 Sep 15 j 16:27	0°♍	
evening max el	-10105 Sep 20 j 02:30	4°♍33'56	47°02'38
	-10105 Oct 19 j 03:43	0°♎	
greatest brilliancy	-10105 Oct 29 j 19:56	5°♎47'59	-4.8m
retrograde	-10105 Nov 09 j 20:04	8°♎06'12	
asc. node	-10105 Nov 14 j 07:24	7°♎41'05	
evening set	-10105 Nov 24 j 22:40	3°♎27'14	
	-10105 Nov 30 j 11:50	30°℞♍	
inferior conj	-10105 Nov 30 j 23:42	29°♍40'46	3°45'38
minimum elong	-10105 Nov 30 j 16:44	29°♍52'03	3°43'54
min. Earth dist.	-10105 Nov 30 j 06:34	0°♎08'33	0.28676 AU
morning rise	-10105 Dec 06 j 11:37	26°♍14'57	
direct	-10105 Dec 22 j 05:54	21°♍22'08	
greatest brilliancy	-10105 Dec 31 j 02:05	22°♍48'51	-4.7m
	-10104 Jan 14 j 09:40	0°♎	
morning max el	-10104 Feb 08 j 21:47	20°♎59'57	45°56'53
	-10104 Feb 18 j 03:27	0°♏	
desc. node	-10104 Mar 06 j 10:24	17°♏59'07	
	-10104 Mar 17 j 10:27	0°♐	
	-10104 Apr 12 j 17:59	0°♑	
	-10104 May 07 j 23:18	0°♒	
	-10104 Jun 01 j 11:34	0°♓	
asc. node	-10104 Jun 25 j 23:44	0°♈34'46	
	-10104 Jun 25 j 12:40	0°♈	
greatest brilliancy	-10104 Jun 30 j 02:17	5°♈44'36	-3.9m
	-10104 Jul 19 j 07:24	0°♉	
morning set	-10104 Aug 05 j 11:15	21°♉43'28	
	-10104 Aug 12 j 00:10	0°♊	
	-10104 Sep 04 j 18:36	0°♋	
superior conj	-10104 Sep 16 j 09:10	14°♋34'43	1°01'43
minimum elong	-10104 Sep 16 j 21:06	15°♋12'05	1°01'55
max. Earth dist.	-10104 Sep 23 j 16:38	23°♋43'49	1.71460 AU
	-10104 Sep 28 j 17:05	0°♌	
desc. node	-10104 Oct 16 j 21:02	22°♌36'18	
	-10104 Oct 22 j 20:14	0°♍	
evening rise	-10104 Oct 29 j 11:44	8°♍13'21	
	-10104 Nov 16 j 03:31	0°♎	
	-10104 Dec 10 j 14:23	0°♏	
	-10103 Jan 04 j 05:53	0°♐	
	-10103 Jan 29 j 05:11	0°♑	

asc. node	-10103 Feb 05 j 12:34	8°♑40'25	
	-10103 Feb 23 j 17:41	0°♒	
	-10103 Mar 22 j 04:14	0°♓	
	-10103 Apr 19 j 10:55	0°♈	
evening max el	-10103 Apr 25 j 01:54	5°♈32'19	46°20'33
	-10103 May 24 j 21:38	0°♉	
desc. node	-10103 May 29 j 17:08	2°♉39'40	
greatest brilliancy	-10103 Jun 04 j 11:01	5°♉04'32	-4.9m
retrograde	-10103 Jun 13 j 23:56	6°♉44'59	
evening set	-10103 Jun 30 j 03:26	1°♉50'39	
	-10103 Jul 03 j 08:09	30°℞♈	
inferior conj	-10103 Jul 04 j 18:40	29°♈08'31	-7°31'12
minimum elong	-10103 Jul 04 j 09:07	29°♈22'47	7°29'23
min. Earth dist.	-10103 Jul 04 j 09:40	29°♈21'58	0.26531 AU
morning rise	-10103 Jul 08 j 14:42	26°♈53'09	
direct	-10103 Jul 25 j 03:27	21°♈38'15	
greatest brilliancy	-10103 Aug 04 j 15:40	23°♈42'37	-4.9m
	-10103 Aug 16 j 08:25	0°♉	
morning max el	-10103 Sep 13 j 17:40	24°♉58'03	46°39'13
asc. node	-10103 Sep 18 j 11:48	29°♉54'00	
	-10103 Sep 18 j 14:05	0°♊	
	-10103 Oct 15 j 16:08	0°♋	
	-10103 Nov 10 j 09:42	0°♌	
	-10103 Dec 05 j 17:42	0°♍	
	-10103 Dec 30 j 22:14	0°♎	
desc. node	-10102 Jan 09 j 11:04	11°♎23'46	
	-10102 Jan 24 j 23:10	0°♏	
	-10102 Feb 18 j 18:42	0°♐	
	-10102 Mar 15 j 07:48	0°♑	
morning set	-10102 Mar 15 j 18:55	0°♑34'08	
	-10102 Apr 08 j 14:52	0°♒	
max. Earth dist.	-10102 Apr 15 j 13:35	8°♒37'35	1.72560 AU
superior conj	-10102 Apr 19 j 23:16	14°♒06'19	-0°25'08
minimum elong	-10102 Apr 20 j 03:58	14°♒20'56	0°25'23
asc. node	-10102 Apr 30 j 23:05	27°♒48'27	
	-10102 May 02 j 17:15	0°♓	
evening rise	-10102 May 26 j 01:40	29°♓13'02	
	-10102 May 26 j 16:39	0°♈	
	-10102 Jun 19 j 14:57	0°♉	
	-10102 Jul 13 j 14:14	0°♊	
	-10102 Aug 06 j 16:49	0°♋	
desc. node	-10102 Aug 21 j 22:37	18°♋49'25	
	-10102 Aug 31 j 01:13	0°♌	
	-10102 Sep 24 j 18:47	0°♍	
	-10102 Oct 20 j 04:19	0°♎	
	-10102 Nov 16 j 00:29	0°♏	
evening max el	-10102 Nov 29 j 12:04	13°♏50'59	45°22'29
asc. node	-10102 Dec 11 j 17:44	25°♏13'03	
	-10102 Dec 17 j 11:38	0°♐	
greatest brilliancy	-10101 Jan 06 j 03:41	12°♐02'12	-4.7m
retrograde	-10101 Jan 17 j 04:43	14°♐15'12	
evening set	-10101 Feb 03 j 19:20	8°♐21'48	
inferior conj	-10101 Feb 07 j 15:39	5°♐58'31	8°04'22
minimum elong	-10101 Feb 07 j 16:11	5°♐57'40	8°03'51
min. Earth dist.	-10101 Feb 08 j 05:32	5°♐36'35	0.29587 AU
morning rise	-10101 Feb 11 j 12:56	3°♐33'09	
	-10101 Feb 18 j 04:40	30°℞♏	
direct	-10101 Mar 01 j 15:10	27°♏25'38	
greatest brilliancy	-10101 Mar 11 j 23:43	29°♏20'26	-4.7m
	-10101 Mar 13 j 17:40	0°♐	
desc. node	-10101 Apr 03 j 22:02	13°♐21'25	
morning max el	-10101 Apr 19 j 23:21	27°♐41'31	46°11'51
	-10101 Apr 22 j 08:16	0°♑	
	-10101 May 20 j 15:25	0°♒	
	-10101 Jun 15 j 12:27	0°♓	
	-10101 Jul 10 j 06:16	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10101 Jul 24 j 13:07	17°♈41'03		
	-10101 Aug 03 j 09:51	0°♉		
	-10101 Aug 27 j 07:15	0°♊		
	-10101 Sep 20 j 04:19	0°♋		
	-10101 Oct 14 j 04:43	0°♌		
morning set	-10101 Oct 23 j 08:15	11°♌21'41		
	-10101 Nov 07 j 09:41	0°♍		
desc. node	-10101 Nov 14 j 10:09	8°♍39'33		
	-10101 Dec 01 j 18:16	0°♎		
superior conj	-10101 Dec 03 j 14:12	2°♎15'04	-0°41'16	
minimum elong	-10101 Dec 03 j 05:43	1°♎49'00	0°40'53	
max. Earth dist.	-10101 Dec 05 j 11:05	4°♎32'56	1.73297 AU	
	-10101 Dec 26 j 04:34	0°♏		
evening rise	-10100 Jan 10 j 15:12	18°♏56'59		
	-10100 Jan 19 j 15:28	0°♐		
greatest brilliancy	-10100 Feb 02 j 22:46	17°♐31'48	-3.9m	
	-10100 Feb 13 j 03:25	0°♑		
asc. node	-10100 Mar 05 j 00:10	25°♑26'49		
	-10100 Mar 08 j 18:04	0°♒		
	-10100 Apr 02 j 13:22	0°♓		
	-10100 Apr 27 j 15:27	0°♈		
	-10100 May 23 j 04:30	0°♉		
	-10100 Jun 18 j 16:08	0°♊		
desc. node	-10100 Jun 26 j 03:15	8°♊05'58		
evening max el	-10100 Jul 07 j 15:06	20°♊04'50	47°47'54	
	-10100 Jul 17 j 19:45	0°♋		
greatest brilliancy	-10100 Aug 18 j 05:53	22°♋01'25	-4.9m	
retrograde	-10100 Aug 27 j 17:45	23°♋46'11		
evening set	-10100 Sep 13 j 02:05	18°♋24'13		
inferior conj	-10100 Sep 17 j 11:11	15°♋42'09	-6°20'38	
minimum elong	-10100 Sep 17 j 21:13	15°♋26'27	6°17'51	
min. Earth dist.	-10100 Sep 16 j 23:53	15°♋59'55	0.26986 AU	
morning rise	-10100 Sep 22 j 16:48	12°♋32'10		
direct	-10100 Oct 07 j 18:10	7°♋56'32		
asc. node	-10100 Oct 15 j 22:59	9°♋15'29		
greatest brilliancy	-10100 Oct 17 j 06:55	9°♋41'56	-4.9m	
	-10100 Nov 16 j 00:38	0°♌		
morning max el	-10100 Nov 26 j 10:15	9°♌50'16	46°12'35	
	-10100 Dec 15 j 23:27	0°♍		
	-10099 Jan 12 j 04:50	0°♎		
desc. node	-10099 Feb 06 j 00:11	28°♎23'17		
	-10099 Feb 07 j 09:31	0°♏		
	-10099 Mar 04 j 22:06	0°♐		
	-10099 Mar 29 j 21:22	0°♑		
	-10099 Apr 23 j 09:26	0°♒		
	-10099 May 17 j 12:50	0°♓		
morning set	-10099 May 21 j 18:17	5°♓17'23		
asc. node	-10099 May 28 j 12:19	13°♓45'16		
	-10099 Jun 10 j 10:15	0°♈		
max. Earth dist.	-10099 Jun 27 j 11:08	21°♈30'12	1.70899 AU	
superior conj	-10099 Jun 28 j 13:32	22°♈53'36	1°03'47	
minimum elong	-10099 Jun 28 j 03:47	22°♈22'47	1°03'38	
	-10099 Jul 04 j 04:29	0°♉		
	-10099 Jul 27 j 22:23	0°♊		
evening rise	-10099 Aug 07 j 20:44	13°♊46'32		
	-10099 Aug 20 j 18:36	0°♋		
	-10099 Sep 13 j 19:03	0°♌		
desc. node	-10099 Sep 18 j 10:35	5°♌46'26		
	-10099 Oct 08 j 00:48	0°♍		
	-10099 Nov 01 j 12:46	0°♎		
	-10099 Nov 26 j 09:40	0°♏		
	-10099 Dec 21 j 22:42	0°♐		
asc. node	-10098 Jan 08 j 04:01	19°♐26'58		
	-10098 Jan 17 j 20:51	0°♑		
evening max el	-10098 Feb 08 j 18:32	22°♑11'07	44°57'18	
	-10098 Feb 17 j 09:00	0°♒		
greatest brilliancy	-10098 Mar 18 j 17:28	19°♒05'48	-4.7m	
retrograde	-10098 Mar 28 j 19:00	20°♒52'21		
evening set	-10098 Apr 12 j 23:56	16°♒35'23		
inferior conj	-10098 Apr 18 j 22:58	13°♒09'09	2°51'20	
minimum elong	-10098 Apr 19 j 04:58	13°♒00'06	2°49'13	
min. Earth dist.	-10098 Apr 20 j 01:53	12°♒28'35	0.27892 AU	
morning rise	-10098 Apr 25 j 08:56	9°♒25'54		
desc. node	-10098 May 01 j 08:51	6°♒44'49		
direct	-10098 May 10 j 11:31	5°♒07'46		
greatest brilliancy	-10098 May 22 j 03:13	7°♒34'13	-4.8m	
	-10098 Jun 22 j 06:13	0°♓		
morning max el	-10098 Jun 29 j 17:48	7°♓17'40	46°38'22	
	-10098 Jul 20 j 23:32	0°♈		
	-10098 Aug 15 j 18:57	0°♉		
asc. node	-10098 Aug 21 j 02:04	6°♉21'03		
	-10098 Sep 09 j 12:57	0°♊		
	-10098 Oct 03 j 22:09	0°♋		
	-10098 Oct 28 j 06:54	0°♌		
	-10098 Nov 21 j 18:32	0°♍		
desc. node	-10098 Dec 11 j 23:41	24°♍40'04		
	-10098 Dec 16 j 08:41	0°♎		
morning set	-10097 Jan 04 j 23:23	23°♎54'51		
	-10097 Jan 09 j 23:04	0°♏		
	-10097 Feb 03 j 11:33	0°♐		
max. Earth dist.	-10097 Feb 07 j 22:36	5°♐28'17	1.73755 AU	
superior conj	-10097 Feb 10 j 18:56	8°♐58'01	-1°20'19	
minimum elong	-10097 Feb 10 j 20:55	9°♐04'05	1°20'50	
	-10097 Feb 27 j 21:19	0°♑		
evening rise	-10097 Mar 18 j 01:16	22°♑23'50		
	-10097 Mar 24 j 05:02	0°♒		
asc. node	-10097 Apr 02 j 12:24	11°♒29'49		
	-10097 Apr 17 j 11:51	0°♓		
	-10097 May 11 j 18:56	0°♈		
	-10097 Jun 05 j 03:41	0°♉		
	-10097 Jun 29 j 16:33	0°♊		
desc. node	-10097 Jul 24 j 13:43	29°♊59'10		
	-10097 Jul 24 j 13:59	0°♋		
	-10097 Aug 19 j 04:57	0°♌		
	-10097 Sep 15 j 13:22	0°♍		
evening max el	-10097 Sep 17 j 17:17	2°♍13'19	47°05'54	
	-10097 Oct 20 j 09:52	0°♎		
greatest brilliancy	-10097 Oct 27 j 14:39	3°♎35'51	-4.8m	
retrograde	-10097 Nov 07 j 12:38	5°♎52'30		
asc. node	-10097 Nov 13 j 09:35	5°♎09'04		
evening set	-10097 Nov 22 j 14:21	1°♎15'18		
	-10097 Nov 24 j 16:53	30°℞♍		
min. Earth dist.	-10097 Nov 27 j 23:23	27°♍55'12	0.28611 AU	
inferior conj	-10097 Nov 28 j 16:24	27°♍27'38	3°28'23	
minimum elong	-10097 Nov 28 j 09:51	27°♍38'16	3°26'46	
morning rise	-10097 Dec 04 j 06:05	23°♍59'03		
direct	-10097 Dec 19 j 21:04	19°♍09'57		
greatest brilliancy	-10097 Dec 28 j 18:22	20°♍37'16	-4.7m	
	-10096 Jan 15 j 06:17	0°♎		
morning max el	-10096 Feb 06 j 12:44	18°♎47'18	45°56'58	
	-10096 Feb 17 j 23:04	0°♏		
desc. node	-10096 Mar 05 j 12:44	17°♏21'17		
	-10096 Mar 17 j 01:28	0°♐		
	-10096 Apr 12 j 07:11	0°♑		
	-10096 May 07 j 11:36	0°♒		
	-10096 May 31 j 23:22	0°♓		
asc. node	-10096 Jun 25 j 01:53	0°♈05'15		
	-10096 Jun 25 j 00:12	0°♈		
greatest brilliancy	-10096 Jun 30 j 19:21	7°♈17'36	-3.9m	
	-10096 Jul 18 j 18:50	0°♉		
morning set	-10096 Aug 02 j 21:55	19°♉09'04		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10096 Aug 11 j 11:35	0°♊	
	-10096 Sep 04 j 06:02	0°♋	
superior conj	-10096 Sep 13 j 17:34	11°♋54'44	1°04'19
minimum elong	-10096 Sep 14 j 05:20	12°♋31'37	1°04'33
max. Earth dist.	-10096 Sep 20 j 20:52	20°♋51'14	1.71399 AU
	-10096 Sep 28 j 04:31	0°♌	
desc. node	-10096 Oct 15 j 23:05	22°♌07'12	
	-10096 Oct 22 j 07:41	0°♍	
evening rise	-10096 Oct 26 j 21:51	5°♍40'50	
	-10096 Nov 15 j 14:58	0°♎	
	-10096 Dec 10 j 01:58	0°♏	
	-10095 Jan 03 j 17:46	0°♐	
	-10095 Jan 28 j 17:43	0°♑	
asc. node	-10095 Feb 04 j 14:55	8°♑09'27	
	-10095 Feb 23 j 07:29	0°♒	
	-10095 Mar 21 j 20:34	0°♓	
	-10095 Apr 19 j 09:36	0°♈	
evening max el	-10095 Apr 22 j 14:32	3°♈07'41	46°16'54
	-10095 May 26 j 20:39	0°♉	
desc. node	-10095 May 28 j 19:21	0°♉56'01	
greatest brilliancy	-10095 Jun 01 j 21:48	2°♉34'01	-4.9m
retrograde	-10095 Jun 11 j 11:51	4°♉15'30	
	-10095 Jun 26 j 10:24	30°℞♈	
evening set	-10095 Jun 27 j 10:59	29°♈26'52	
inferior conj	-10095 Jul 02 j 06:29	26°♈39'23	-7°17'35
minimum elong	-10095 Jul 01 j 20:34	26°♈54'09	7°15'38
min. Earth dist.	-10095 Jul 01 j 22:06	26°♈51'53	0.26539 AU
morning rise	-10095 Jul 06 j 06:01	24°♈19'29	
direct	-10095 Jul 22 j 15:50	19°♈08'43	
greatest brilliancy	-10095 Aug 02 j 05:23	21°♈14'37	-4.9m
	-10095 Aug 17 j 09:18	0°♉	
morning max el	-10095 Sep 11 j 07:06	22°♉30'35	46°39'50
asc. node	-10095 Sep 17 j 14:05	29°♉03'55	
	-10095 Sep 18 j 11:12	0°♊	
	-10095 Oct 15 j 08:14	0°♋	
	-10095 Nov 09 j 23:43	0°♌	
	-10095 Dec 05 j 06:35	0°♍	
	-10095 Dec 30 j 10:23	0°♎	
desc. node	-10094 Jan 08 j 13:14	10°♎54'29	
	-10094 Jan 24 j 10:49	0°♏	
	-10094 Feb 18 j 06:01	0°♐	
morning set	-10094 Mar 13 j 14:09	28°♐31'34	
	-10094 Mar 14 j 18:56	0°♑	
	-10094 Apr 08 j 01:57	0°♒	
max. Earth dist.	-10094 Apr 13 j 09:49	6°♒36'50	1.72618 AU
superior conj	-10094 Apr 17 j 17:59	12°♒00'38	-0°28'00
minimum elong	-10094 Apr 17 j 23:08	12°♒16'38	0°28'14
asc. node	-10094 Apr 30 j 01:08	27°♒20'05	
	-10094 May 02 j 04:24	0°♓	
evening rise	-10094 May 23 j 18:38	27°♓00'26	
	-10094 May 26 j 03:58	0°♈	
	-10094 Jun 19 j 02:29	0°♉	
	-10094 Jul 13 j 02:00	0°♊	
	-10094 Aug 06 j 04:51	0°♋	
desc. node	-10094 Aug 21 j 00:56	18°♋18'48	
	-10094 Aug 30 j 13:40	0°♌	
	-10094 Sep 24 j 07:56	0°♍	
	-10094 Oct 19 j 18:54	0°♎	
	-10094 Nov 15 j 18:40	0°♏	
evening max el	-10094 Nov 27 j 04:52	11°♏40'56	45°25'05
asc. node	-10094 Dec 10 j 20:00	24°♏15'50	
	-10094 Dec 17 j 22:53	0°♐	
greatest brilliancy	-10093 Jan 03 j 19:43	9°♐54'28	-4.7m
retrograde	-10093 Jan 14 j 22:22	12°♐08'43	
evening set	-10093 Feb 01 j 12:03	6°♐15'26	
inferior conj	-10093 Feb 05 j 08:49	3°♐51'07	8°04'38
minimum elong	-10093 Feb 05 j 08:43	3°♐51'18	8°04'09
min. Earth dist.	-10093 Feb 05 j 20:58	3°♐31'54	0.29603 AU
morning rise	-10093 Feb 09 j 05:18	1°♐26'49	
	-10093 Feb 11 j 16:43	30°℞♏	
direct	-10093 Feb 27 j 08:41	25°♏18'07	
greatest brilliancy	-10093 Mar 09 j 14:12	27°♏10'39	-4.7m
	-10093 Mar 16 j 01:08	0°♐	
desc. node	-10093 Apr 03 j 00:08	12°♐20'48	
morning max el	-10093 Apr 17 j 16:23	25°♐32'55	46°10'52
	-10093 Apr 22 j 05:26	0°♑	
	-10093 May 20 j 07:01	0°♒	
	-10093 Jun 15 j 02:02	0°♓	
	-10093 Jul 09 j 18:54	0°♈	
asc. node	-10093 Jul 23 j 15:19	17°♈09'42	
	-10093 Aug 02 j 21:57	0°♉	
	-10093 Aug 26 j 19:02	0°♊	
	-10093 Sep 19 j 15:51	0°♋	
	-10093 Oct 13 j 16:04	0°♌	
morning set	-10093 Oct 20 j 19:10	8°♌51'36	
	-10093 Nov 06 j 20:54	0°♍	
desc. node	-10093 Nov 13 j 12:13	8°♍11'30	
superior conj	-10093 Dec 01 j 03:55	29°♍55'33	-0°38'17
minimum elong	-10093 Nov 30 j 19:49	29°♍30'38	0°37'53
	-10093 Dec 01 j 05:22	0°♎	
max. Earth dist.	-10093 Dec 03 j 07:44	2°♎34'48	1.73256 AU
	-10093 Dec 25 j 15:37	0°♏	
evening rise	-10092 Jan 08 j 08:53	16°♏50'08	
	-10092 Jan 19 j 02:34	0°♐	
greatest brilliancy	-10092 Feb 03 j 03:22	18°♐25'01	-3.9m
	-10092 Feb 12 j 14:42	0°♑	
asc. node	-10092 Mar 04 j 02:23	24°♑58'18	
	-10092 Mar 08 j 05:45	0°♒	
	-10092 Apr 02 j 01:43	0°♓	
	-10092 Apr 27 j 04:52	0°♈	
	-10092 May 22 j 19:38	0°♉	
	-10092 Jun 18 j 10:42	0°♊	
desc. node	-10092 Jun 25 j 05:32	7°♊18'22	
evening max el	-10092 Jul 05 j 06:37	17°♊43'51	47°46'43
	-10092 Jul 18 j 01:07	0°♋	
greatest brilliancy	-10092 Aug 15 j 20:13	19°♋34'41	-4.9m
retrograde	-10092 Aug 25 j 07:52	21°♋18'34	
evening set	-10092 Sep 10 j 18:50	15°♋52'57	
min. Earth dist.	-10092 Sep 14 j 13:19	13°♋33'32	0.26945 AU
inferior conj	-10092 Sep 15 j 00:42	13°♋15'40	-6°36'38
minimum elong	-10092 Sep 15 j 10:44	12°♋59'56	6°33'57
morning rise	-10092 Sep 20 j 03:05	10°♋10'25	
direct	-10092 Oct 05 j 07:41	5°♋31'26	
greatest brilliancy	-10092 Oct 14 j 20:05	7°♋16'34	-4.9m
asc. node	-10092 Oct 15 j 01:04	7°♋21'01	
	-10092 Nov 16 j 04:21	0°♌	
morning max el	-10092 Nov 24 j 00:30	7°♌30'41	46°13'28
	-10092 Dec 15 j 16:57	0°♍	
	-10091 Jan 11 j 19:07	0°♎	
desc. node	-10091 Feb 05 j 02:24	27°♎52'34	
	-10091 Feb 06 j 22:15	0°♏	
	-10091 Mar 04 j 10:01	0°♐	
	-10091 Mar 29 j 08:48	0°♑	
	-10091 Apr 22 j 20:37	0°♒	
	-10091 May 16 j 23:55	0°♓	
morning set	-10091 May 19 j 11:05	3°♓05'05	
asc. node	-10091 May 27 j 14:29	13°♓17'20	
	-10091 Jun 09 j 21:20	0°♈	
max. Earth dist.	-10091 Jun 24 j 14:51	18°♈35'16	1.70937 AU
superior conj	-10091 Jun 26 j 03:04	20°♈29'39	1°01'25

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10091 Jun 25 j 17:18	19°♈58'47	1°01'15
	-10091 Jul 03 j 15:38	0°♉	
	-10091 Jul 27 j 09:38	0°♊	
evening rise	-10091 Aug 05 j 05:31	11°♊07'31	
	-10091 Aug 20 j 05:58	0°♋	
	-10091 Sep 13 j 06:33	0°♌	
desc. node	-10091 Sep 17 j 12:38	5°♌17'04	
	-10091 Oct 07 j 12:27	0°♍	
	-10091 Nov 01 j 00:40	0°♎	
	-10091 Nov 25 j 22:08	0°♏	
	-10091 Dec 21 j 12:29	0°♐	
asc. node	-10090 Jan 07 j 06:20	18°♐50'42	
	-10090 Jan 17 j 13:50	0°♑	
evening max el	-10090 Feb 06 j 08:24	19°♑55'54	44°56'06
	-10090 Feb 17 j 13:55	0°♒	
greatest brilliancy	-10090 Mar 16 j 07:31	16°♒51'35	-4.7m
retrograde	-10090 Mar 26 j 08:15	18°♒38'01	
evening set	-10090 Apr 10 j 16:09	14°♒17'37	
inferior conj	-10090 Apr 16 j 13:18	10°♒53'53	3°10'33
minimum elong	-10090 Apr 16 j 19:51	10°♒43'59	3°08'18
min. Earth dist.	-10090 Apr 17 j 17:29	10°♒11'22	0.27969 AU
morning rise	-10090 Apr 22 j 22:24	7°♒11'11	
desc. node	-10090 Apr 30 j 11:03	3°♒59'02	
direct	-10090 May 08 j 02:08	2°♒50'45	
greatest brilliancy	-10090 May 19 j 19:06	5°♒17'50	-4.8m
	-10090 Jun 22 j 07:42	0°♓	
morning max el	-10090 Jun 27 j 07:22	4°♓54'22	46°37'46
	-10090 Jul 20 j 16:36	0°♈	
	-10090 Aug 15 j 09:16	0°♉	
asc. node	-10090 Aug 20 j 04:18	5°♉45'34	
	-10090 Sep 09 j 01:59	0°♊	
	-10090 Oct 03 j 10:28	0°♋	
	-10090 Oct 27 j 18:44	0°♌	
	-10090 Nov 21 j 05:58	0°♍	
desc. node	-10090 Dec 11 j 01:52	24°♍12'43	
	-10090 Dec 15 j 19:48	0°♎	
morning set	-10089 Jan 02 j 15:34	21°♎44'27	
	-10089 Jan 09 j 09:57	0°♏	
	-10089 Feb 02 j 22:18	0°♐	
max. Earth dist.	-10089 Feb 05 j 19:03	3°♐30'51	1.73770 AU
superior conj	-10089 Feb 08 j 14:16	6°♐57'03	-1°20'38
minimum elong	-10089 Feb 08 j 15:40	7°♐01'22	1°21'09
	-10089 Feb 27 j 08:05	0°♑	
evening rise	-10089 Mar 15 j 21:12	20°♑23'47	
	-10089 Mar 23 j 15:57	0°♒	
asc. node	-10089 Apr 01 j 14:28	11°♒02'14	
	-10089 Apr 16 j 23:03	0°♓	
	-10089 May 11 j 06:31	0°♈	
	-10089 Jun 04 j 15:48	0°♉	
	-10089 Jun 29 j 05:22	0°♊	
desc. node	-10089 Jul 23 j 16:00	29°♊24'37	
	-10089 Jul 24 j 03:54	0°♋	
	-10089 Aug 18 j 20:53	0°♌	
	-10089 Sep 15 j 10:33	0°♍	
evening max el	-10089 Sep 15 j 08:02	29°♌53'36	47°09'18
	-10089 Oct 22 j 05:10	0°♎	
greatest brilliancy	-10089 Oct 25 j 08:59	1°♎24'14	-4.8m
retrograde	-10089 Nov 05 j 05:29	3°♎40'06	
asc. node	-10089 Nov 12 j 11:54	2°♎33'20	
	-10089 Nov 18 j 13:30	30°℞♍	
evening set	-10089 Nov 20 j 06:14	29°♍04'07	
min. Earth dist.	-10089 Nov 25 j 16:11	25°♍43'04	0.28545 AU
inferior conj	-10089 Nov 26 j 09:10	25°♍15'36	3°10'49
minimum elong	-10089 Nov 26 j 03:03	25°♍25'29	3°09'17
morning rise	-10089 Dec 02 j 00:35	21°♍44'36	
direct	-10089 Dec 17 j 12:17	16°♍58'44	

greatest brilliancy	-10089 Dec 26 j 10:44	18°♍26'59	-4.7m
	-10088 Jan 15 j 21:03	0°♎	
morning max el	-10088 Feb 04 j 04:40	16°♎38'12	45°57'09
	-10088 Feb 17 j 17:40	0°♏	
desc. node	-10088 Mar 04 j 14:47	16°♏44'21	
	-10088 Mar 16 j 15:53	0°♐	
	-10088 Apr 11 j 19:54	0°♑	
	-10088 May 06 j 23:30	0°♒	
	-10088 May 31 j 10:53	0°♓	
asc. node	-10088 Jun 24 j 04:07	29°♓36'47	
	-10088 Jun 24 j 11:31	0°♈	
greatest brilliancy	-10088 Jul 01 j 09:28	8°♈42'07	-3.9m
	-10088 Jul 18 j 06:04	0°♉	
morning set	-10088 Jul 31 j 08:26	16°♉34'57	
	-10088 Aug 10 j 22:46	0°♊	
	-10088 Sep 03 j 17:12	0°♋	
superior conj	-10088 Sep 11 j 01:44	9°♋14'49	1°06'47
minimum elong	-10088 Sep 11 j 13:14	9°♋50'54	1°07'03
max. Earth dist.	-10088 Sep 18 j 00:22	17°♋57'11	1.71336 AU
	-10088 Sep 27 j 15:39	0°♌	
desc. node	-10088 Oct 15 j 01:11	21°♌39'15	
	-10088 Oct 21 j 18:47	0°♍	
evening rise	-10088 Oct 24 j 07:50	3°♍08'55	
	-10088 Nov 15 j 02:06	0°♎	
	-10088 Dec 09 j 13:13	0°♏	
	-10087 Jan 03 j 05:20	0°♐	
	-10087 Jan 28 j 05:56	0°♑	
asc. node	-10087 Feb 03 j 17:11	7°♑39'20	
	-10087 Feb 22 j 20:58	0°♒	
	-10087 Mar 21 j 12:42	0°♓	
	-10087 Apr 19 j 08:45	0°♈	
evening max el	-10087 Apr 20 j 03:57	0°♈46'25	46°13'03
desc. node	-10087 May 27 j 21:37	29°♈09'00	
	-10087 May 30 j 03:38	0°♉	
greatest brilliancy	-10087 May 30 j 07:47	0°♉03'33	-4.9m
retrograde	-10087 Jun 08 j 23:55	1°♉46'24	
	-10087 Jun 18 j 10:55	30°℞♈	
evening set	-10087 Jun 24 j 18:28	27°♈03'22	
inferior conj	-10087 Jun 29 j 18:06	24°♈10'26	-7°03'00
minimum elong	-10087 Jun 29 j 07:53	24°♈25'37	7°00'55
min. Earth dist.	-10087 Jun 29 j 10:08	24°♈22'16	0.26555 AU
morning rise	-10087 Jul 03 j 21:13	21°♈45'54	
direct	-10087 Jul 20 j 04:38	16°♈39'26	
greatest brilliancy	-10087 Jul 30 j 18:36	18°♈46'10	-4.9m
	-10087 Aug 18 j 03:37	0°♉	
morning max el	-10087 Sep 08 j 21:00	20°♉04'40	46°40'29
asc. node	-10087 Sep 16 j 16:11	28°♉14'29	
	-10087 Sep 18 j 07:30	0°♊	
	-10087 Oct 14 j 23:54	0°♋	
	-10087 Nov 09 j 13:21	0°♌	
	-10087 Dec 04 j 19:05	0°♍	
	-10087 Dec 29 j 22:10	0°♎	
desc. node	-10086 Jan 07 j 15:23	10°♎26'13	
	-10086 Jan 23 j 22:07	0°♏	
	-10086 Feb 17 j 17:00	0°♐	
morning set	-10086 Mar 11 j 09:47	26°♐31'19	
	-10086 Mar 14 j 05:44	0°♑	
	-10086 Apr 07 j 12:41	0°♒	
max. Earth dist.	-10086 Apr 11 j 05:24	4°♒35'13	1.72672 AU
superior conj	-10086 Apr 15 j 13:13	9°♒57'40	-0°30'47
minimum elong	-10086 Apr 15 j 18:45	10°♒14'55	0°31'01
asc. node	-10086 Apr 29 j 03:25	26°♒53'29	
	-10086 May 01 j 15:13	0°♓	
evening rise	-10086 May 21 j 12:04	24°♓50'21	
	-10086 May 25 j 14:59	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10086 Jun 18 j 13:45	0°♉		
	-10086 Jul 12 j 13:34	0°♊		
	-10086 Aug 05 j 16:46	0°♋		
desc. node	-10086 Aug 20 j 02:59	17°♋47'38		
	-10086 Aug 30 j 02:02	0°♌		
	-10086 Sep 23 j 21:03	0°♍		
	-10086 Oct 19 j 09:30	0°♎		
	-10086 Nov 15 j 13:04	0°♏		
evening max el	-10086 Nov 24 j 21:42	9°♏31'34	45°27'55	
asc. node	-10086 Dec 09 j 22:19	23°♏18'19		
	-10086 Dec 18 j 13:29	0°♐		
greatest brilliancy	-10085 Jan 01 j 12:35	7°♐48'43	-4.7m	
retrograde	-10085 Jan 12 j 15:50	10°♐03'28		
evening set	-10085 Jan 30 j 04:51	4°♐10'48		
inferior conj	-10085 Feb 03 j 02:13	1°♐45'06	8°04'21	
minimum elong	-10085 Feb 03 j 01:27	1°♐46'19	8°03'52	
min. Earth dist.	-10085 Feb 03 j 12:43	1°♐28'27	0.29611 AU	
	-10085 Feb 05 j 20:56	30°℞♏		
morning rise	-10085 Feb 06 j 22:01	29°♏21'29		
direct	-10085 Feb 25 j 02:22	23°♏12'06		
greatest brilliancy	-10085 Mar 07 j 04:50	25°♏02'06	-4.7m	
	-10085 Mar 17 j 12:26	0°♐		
desc. node	-10085 Apr 02 j 02:17	11°♐22'40		
morning max el	-10085 Apr 15 j 08:55	23°♐24'08	46°09'58	
	-10085 Apr 22 j 01:32	0°♑		
	-10085 May 19 j 22:05	0°♒		
	-10085 Jun 14 j 15:13	0°♓		
	-10085 Jul 09 j 07:13	0°♈		
asc. node	-10085 Jul 22 j 17:32	16°♈39'11		
	-10085 Aug 02 j 09:50	0°♉		
	-10085 Aug 26 j 06:39	0°♊		
	-10085 Sep 19 j 03:17	0°♋		
	-10085 Oct 13 j 03:22	0°♌		
morning set	-10085 Oct 18 j 05:32	6°♌19'45		
	-10085 Nov 06 j 08:04	0°♍		
desc. node	-10085 Nov 12 j 14:27	7°♍44'08		
superior conj	-10085 Nov 28 j 17:01	27°♍34'17	-0°35'11	
minimum elong	-10085 Nov 28 j 09:21	27°♍10'42	0°34'46	
	-10085 Nov 30 j 16:24	0°♎		
max. Earth dist.	-10085 Dec 01 j 04:40	0°♎37'42	1.73206 AU	
	-10085 Dec 25 j 02:35	0°♏		
evening rise	-10084 Jan 06 j 02:16	14°♏42'36		
	-10084 Jan 18 j 13:33	0°♐		
greatest brilliancy	-10084 Feb 04 j 17:05	20°♐59'50	-3.9m	
	-10084 Feb 12 j 01:53	0°♑		
asc. node	-10084 Mar 03 j 04:31	24°♑29'45		
	-10084 Mar 07 j 17:21	0°♒		
	-10084 Apr 01 j 14:01	0°♓		
	-10084 Apr 26 j 18:13	0°♈		
	-10084 May 22 j 10:45	0°♉		
	-10084 Jun 18 j 05:29	0°♊		
desc. node	-10084 Jun 24 j 07:47	6°♊30'38		
evening max el	-10084 Jul 02 j 21:20	15°♊21'22	47°45'13	
	-10084 Jul 18 j 08:19	0°♋		
greatest brilliancy	-10084 Aug 13 j 10:52	17°♋08'34	-4.9m	
retrograde	-10084 Aug 22 j 21:15	18°♋50'55		
evening set	-10084 Sep 08 j 11:31	13°♋21'47		
min. Earth dist.	-10084 Sep 12 j 03:03	11°♋06'47	0.26913 AU	
inferior conj	-10084 Sep 12 j 14:12	10°♋49'17	-6°51'54	
minimum elong	-10084 Sep 13 j 00:08	10°♋33'41	6°49'20	
morning rise	-10084 Sep 17 j 13:10	7°♋48'49		
direct	-10084 Oct 02 j 20:52	3°♋06'10		
greatest brilliancy	-10084 Oct 12 j 09:58	4°♋51'37	-4.9m	
asc. node	-10084 Oct 14 j 03:27	5°♋31'06		
	-10084 Nov 16 j 06:40	0°♌		
morning max el	-10084 Nov 21 j 13:57	5°♌08'27	46°14'20	
	-10084 Dec 15 j 10:14	0°♍		
	-10083 Jan 11 j 09:20	0°♎		
desc. node	-10083 Feb 04 j 04:29	27°♎21'27		
	-10083 Feb 06 j 10:58	0°♏		
	-10083 Mar 03 j 21:52	0°♐		
	-10083 Mar 28 j 20:11	0°♑		
	-10083 Apr 22 j 07:47	0°♒		
	-10083 May 16 j 11:00	0°♓		
morning set	-10083 May 17 j 04:20	0°♓54'12		
asc. node	-10083 May 26 j 16:44	12°♓49'41		
	-10083 Jun 09 j 08:26	0°♈		
max. Earth dist.	-10083 Jun 21 j 21:36	15°♈49'56	1.70976 AU	
superior conj	-10083 Jun 23 j 17:16	18°♈07'49	0°59'00	
minimum elong	-10083 Jun 23 j 07:33	17°♈37'08	0°58'47	
	-10083 Jul 03 j 02:47	0°♉		
	-10083 Jul 26 j 20:53	0°♊		
evening rise	-10083 Aug 02 j 15:08	8°♊31'08		
	-10083 Aug 19 j 17:20	0°♋		
	-10083 Sep 12 j 18:05	0°♌		
desc. node	-10083 Sep 16 j 14:48	4°♌48'00		
	-10083 Oct 07 j 00:10	0°♍		
	-10083 Oct 31 j 12:43	0°♎		
	-10083 Nov 25 j 10:50	0°♏		
	-10083 Dec 21 j 02:35	0°♐		
asc. node	-10082 Jan 06 j 08:36	18°♐13'27		
	-10082 Jan 17 j 07:24	0°♑		
evening max el	-10082 Feb 03 j 22:05	17°♑39'57	44°55'17	
	-10082 Feb 17 j 21:06	0°♒		
greatest brilliancy	-10082 Mar 13 j 21:10	14°♒37'08	-4.7m	
retrograde	-10082 Mar 23 j 22:15	16°♒24'21		
evening set	-10082 Apr 08 j 08:40	12°♒00'04		
inferior conj	-10082 Apr 14 j 03:50	8°♒38'58	3°29'08	
minimum elong	-10082 Apr 14 j 10:54	8°♒28'18	3°26'48	
min. Earth dist.	-10082 Apr 15 j 09:00	7°♒54'58	0.28048 AU	
morning rise	-10082 Apr 20 j 11:57	4°♒57'20		
desc. node	-10082 Apr 29 j 13:24	1°♒18'36		
direct	-10082 May 05 j 17:02	0°♒34'01		
greatest brilliancy	-10082 May 17 j 11:20	3°♒02'09	-4.8m	
	-10082 Jun 22 j 08:03	0°♓		
morning max el	-10082 Jun 24 j 21:58	2°♓33'35	46°37'13	
	-10082 Jul 20 j 09:27	0°♈		
	-10082 Aug 14 j 23:33	0°♉		
asc. node	-10082 Aug 19 j 06:23	5°♉09'36		
	-10082 Sep 08 j 15:02	0°♊		
	-10082 Oct 02 j 22:50	0°♋		
	-10082 Oct 27 j 06:39	0°♌		
	-10082 Nov 20 j 17:33	0°♍		
desc. node	-10082 Dec 10 j 03:59	23°♍44'30		
	-10082 Dec 15 j 07:07	0°♎		
morning set	-10082 Dec 31 j 07:20	19°♎32'00		
	-10081 Jan 08 j 21:04	0°♏		
	-10081 Feb 02 j 09:18	0°♐		
max. Earth dist.	-10081 Feb 03 j 15:39	1°♐33'05	1.73783 AU	
superior conj	-10081 Feb 06 j 09:16	4°♐54'20	-1°20'52	
minimum elong	-10081 Feb 06 j 10:06	4°♐56'53	1°21'21	
	-10081 Feb 26 j 19:06	0°♑		
evening rise	-10081 Mar 13 j 16:59	18°♑22'40		
	-10081 Mar 23 j 03:05	0°♒		
asc. node	-10081 Mar 31 j 16:45	10°♒34'40		
	-10081 Apr 16 j 10:27	0°♓		
	-10081 May 10 j 18:20	0°♈		
	-10081 Jun 04 j 04:10	0°♉		
	-10081 Jun 28 j 18:29	0°♊		
desc. node	-10081 Jul 22 j 18:09	28°♊48'45		
	-10081 Jul 23 j 18:09	0°♋		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10081 Aug 18 j 13:15	0°♌	
evening max el	-10081 Sep 12 j 23:30	27°♌35'15	47°12'39
	-10081 Sep 15 j 08:41	0°♍	
greatest brilliancy	-10081 Oct 23 j 02:38	29°♍11'07	-4.8m
	-10081 Oct 25 j 08:39	0°♎	
retrograde	-10081 Nov 02 j 22:43	1°♎26'58	
	-10081 Nov 11 j 05:19	30°℞♍	
asc. node	-10081 Nov 11 j 14:12	29°♍52'07	
evening set	-10081 Nov 17 j 22:12	26°♍51'47	
min. Earth dist.	-10081 Nov 23 j 08:41	23°♍30'20	0.28483 AU
inferior conj	-10081 Nov 24 j 01:52	23°♍02'36	2°52'53
minimum elong	-10081 Nov 23 j 20:15	23°♍11'41	2°51'28
morning rise	-10081 Nov 29 j 19:01	19°♍29'29	
direct	-10081 Dec 15 j 03:52	14°♍46'31	
greatest brilliancy	-10081 Dec 24 j 02:50	16°♍15'31	-4.7m
	-10080 Jan 16 j 08:32	0°♎	
morning max el	-10080 Feb 01 j 21:24	14°♎30'03	45°57'13
	-10080 Feb 17 j 12:12	0°♏	
desc. node	-10080 Mar 03 j 16:56	16°♏07'00	
	-10080 Mar 16 j 06:31	0°♐	
	-10080 Apr 11 j 08:54	0°♑	
	-10080 May 06 j 11:41	0°♒	
	-10080 May 30 j 22:37	0°♓	
asc. node	-10080 Jun 23 j 06:14	29°♓07'12	
	-10080 Jun 23 j 23:03	0°♈	
greatest brilliancy	-10080 Jul 01 j 14:41	9°♈37'56	-3.9m
	-10080 Jul 17 j 17:32	0°♉	
morning set	-10080 Jul 28 j 19:11	14°♉00'45	
	-10080 Aug 10 j 10:14	0°♊	
	-10080 Sep 03 j 04:39	0°♋	
superior conj	-10080 Sep 08 j 10:01	6°♋34'07	1°09'06
minimum elong	-10080 Sep 08 j 21:09	7°♋09'05	1°09'24
max. Earth dist.	-10080 Sep 15 j 05:39	15°♋07'35	1.71276 AU
	-10080 Sep 27 j 03:04	0°♌	
desc. node	-10080 Oct 14 j 03:28	21°♌10'55	
	-10080 Oct 21 j 06:10	0°♍	
evening rise	-10080 Oct 21 j 17:44	0°♍35'49	
	-10080 Nov 14 j 13:31	0°♎	
	-10080 Dec 09 j 00:47	0°♏	
	-10079 Jan 02 j 17:14	0°♐	
	-10079 Jan 27 j 18:32	0°♑	
asc. node	-10079 Feb 02 j 19:19	7°♑07'39	
	-10079 Feb 22 j 10:58	0°♒	
	-10079 Mar 21 j 05:35	0°♓	
evening max el	-10079 Apr 17 j 18:06	28°♓26'00	46°09'20
	-10079 Apr 19 j 09:25	0°♈	
desc. node	-10079 May 26 j 23:49	27°♈16'56	
greatest brilliancy	-10079 May 27 j 17:56	27°♈32'51	-4.8m
retrograde	-10079 Jun 06 j 12:02	29°♈16'40	
evening set	-10079 Jun 22 j 02:17	24°♈39'21	
inferior conj	-10079 Jun 27 j 05:48	21°♈41'05	-6°47'46
minimum elong	-10079 Jun 26 j 19:24	21°♈56'31	6°45'32
min. Earth dist.	-10079 Jun 26 j 22:15	21°♈52'18	0.26568 AU
morning rise	-10079 Jul 01 j 12:28	19°♈11'47	
direct	-10079 Jul 17 j 17:45	14°♈09'59	
greatest brilliancy	-10079 Jul 28 j 07:33	16°♈16'48	-4.9m
	-10079 Aug 18 j 17:39	0°♉	
morning max el	-10079 Sep 06 j 10:24	17°♉36'42	46°40'56
asc. node	-10079 Sep 15 j 18:33	27°♉25'48	
	-10079 Sep 18 j 03:30	0°♊	
	-10079 Oct 14 j 15:37	0°♋	
	-10079 Nov 09 j 03:11	0°♌	
	-10079 Dec 04 j 07:49	0°♍	
	-10079 Dec 29 j 10:12	0°♎	
desc. node	-10078 Jan 06 j 17:27	9°♎56'53	
	-10078 Jan 23 j 09:42	0°♏	
	-10078 Feb 17 j 04:17	0°♐	
morning set	-10078 Mar 09 j 05:18	24°♐29'44	
	-10078 Mar 13 j 16:52	0°♑	
	-10078 Apr 06 j 23:48	0°♒	
max. Earth dist.	-10078 Apr 08 j 23:03	2°♒26'31	1.72730 AU
superior conj	-10078 Apr 13 j 08:21	7°♒53'23	-0°33'31
minimum elong	-10078 Apr 13 j 14:17	8°♒11'48	0°33'46
asc. node	-10078 Apr 28 j 05:38	26°♒25'31	
	-10078 May 01 j 02:25	0°♓	
evening rise	-10078 May 19 j 05:22	22°♓38'50	
	-10078 May 25 j 02:21	0°♈	
	-10078 Jun 18 j 01:21	0°♉	
	-10078 Jul 12 j 01:26	0°♊	
	-10078 Aug 05 j 04:59	0°♋	
desc. node	-10078 Aug 19 j 05:12	17°♋16'03	
	-10078 Aug 29 j 14:45	0°♌	
	-10078 Sep 23 j 10:34	0°♍	
	-10078 Oct 19 j 00:36	0°♎	
	-10078 Nov 15 j 08:19	0°♏	
evening max el	-10078 Nov 22 j 13:51	7°♏19'19	45°30'48
asc. node	-10078 Dec 09 j 00:35	22°♏18'29	
	-10078 Dec 19 j 09:48	0°♐	
greatest brilliancy	-10078 Dec 30 j 06:02	5°♐42'40	-4.7m
retrograde	-10077 Jan 10 j 08:57	7°♐57'22	
evening set	-10077 Jan 27 j 21:26	2°♐05'48	
	-10077 Jan 31 j 06:05	30°℞♏	
inferior conj	-10077 Jan 31 j 19:39	29°♏38'24	8°03'27
minimum elong	-10077 Jan 31 j 18:14	29°♏40'41	8°02'57
min. Earth dist.	-10077 Feb 01 j 04:47	29°♏23'53	0.29617 AU
morning rise	-10077 Feb 04 j 15:00	27°♏15'04	
direct	-10077 Feb 22 j 19:43	21°♏05'26	
greatest brilliancy	-10077 Mar 04 j 19:52	22°♏53'15	-4.7m
	-10077 Mar 18 j 13:59	0°♐	
desc. node	-10077 Apr 01 j 04:38	10°♐25'25	
morning max el	-10077 Apr 13 j 00:26	21°♐12'04	46°08'59
	-10077 Apr 21 j 21:26	0°♑	
	-10077 May 19 j 13:20	0°♒	
	-10077 Jun 14 j 04:43	0°♓	
	-10077 Jul 08 j 19:51	0°♈	
asc. node	-10077 Jul 21 j 19:39	16°♈07'25	
	-10077 Aug 01 j 21:58	0°♉	
	-10077 Aug 25 j 18:29	0°♊	
	-10077 Sep 18 j 14:57	0°♋	
	-10077 Oct 12 j 14:53	0°♌	
morning set	-10077 Oct 15 j 15:46	3°♌46'42	
	-10077 Nov 05 j 19:28	0°♍	
desc. node	-10077 Nov 11 j 16:31	7°♍15'27	
superior conj	-10077 Nov 26 j 05:58	25°♍11'44	-0°32'01
minimum elong	-10077 Nov 25 j 22:49	24°♍49'44	0°31'35
max. Earth dist.	-10077 Nov 29 j 00:44	28°♍37'05	1.73155 AU
	-10077 Nov 30 j 03:42	0°♎	
	-10077 Dec 24 j 13:47	0°♏	
evening rise	-10076 Jan 03 j 19:32	12°♏33'56	
	-10076 Jan 18 j 00:47	0°♐	
	-10076 Feb 11 j 13:18	0°♑	
asc. node	-10076 Mar 02 j 06:53	24°♑01'15	
	-10076 Mar 07 j 05:12	0°♒	
	-10076 Apr 01 j 02:35	0°♓	
	-10076 Apr 26 j 07:56	0°♈	
	-10076 May 22 j 02:24	0°♉	
	-10076 Jun 18 j 01:08	0°♊	
desc. node	-10076 Jun 23 j 09:57	5°♊40'52	
evening max el	-10076 Jun 30 j 11:01	12°♊55'11	47°43'36
	-10076 Jul 18 j 18:36	0°♋	
greatest brilliancy	-10076 Aug 11 j 01:46	14°♋41'32	-4.9m

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10076 Aug 20 j 10:05	16°♋22'12	
evening set	-10076 Sep 06 j 04:06	10°♋49'25	
min. Earth dist.	-10076 Sep 09 j 16:52	8°♋38'45	0.26879 AU
inferior conj	-10076 Sep 10 j 03:35	8°♋21'55	-7°06'30
minimum elong	-10076 Sep 10 j 13:23	8°♋06'34	7°04'03
morning rise	-10076 Sep 14 j 22:59	5°♋26'33	
direct	-10076 Sep 30 j 09:29	0°♋39'46	
greatest brilliancy	-10076 Oct 10 j 00:08	2°♋26'13	-4.9m
asc. node	-10076 Oct 13 j 05:44	3°♋44'39	
	-10076 Nov 16 j 07:52	0°♌	
morning max el	-10076 Nov 19 j 02:59	2°♌44'24	46°15'15
	-10076 Dec 15 j 03:20	0°♍	
	-10075 Jan 10 j 23:35	0°♎	
desc. node	-10075 Feb 03 j 06:37	26°♎50'08	
	-10075 Feb 05 j 23:46	0°♏	
	-10075 Mar 03 j 09:50	0°♐	
	-10075 Mar 28 j 07:41	0°♑	
	-10075 Apr 21 j 19:02	0°♒	
morning set	-10075 May 14 j 21:45	28°♒43'35	
	-10075 May 15 j 22:11	0°♓	
asc. node	-10075 May 25 j 18:51	12°♓21'14	
	-10075 Jun 08 j 19:39	0°♈	
max. Earth dist.	-10075 Jun 19 j 07:20	13°♈13'35	1.71024 AU
superior conj	-10075 Jun 21 j 07:27	15°♈45'26	0°56'28
minimum elong	-10075 Jun 20 j 21:51	15°♈15'10	0°56'13
	-10075 Jul 02 j 14:06	0°♉	
	-10075 Jul 26 j 08:19	0°♊	
evening rise	-10075 Jul 31 j 00:38	5°♊53'52	
	-10075 Aug 19 j 04:54	0°♋	
	-10075 Sep 12 j 05:46	0°♌	
desc. node	-10075 Sep 15 j 17:04	4°♌18'42	
	-10075 Oct 06 j 12:01	0°♍	
	-10075 Oct 31 j 00:53	0°♎	
	-10075 Nov 24 j 23:41	0°♏	
	-10075 Dec 20 j 16:55	0°♐	
asc. node	-10074 Jan 05 j 10:49	17°♐35'31	
	-10074 Jan 17 j 01:27	0°♑	
evening max el	-10074 Feb 01 j 12:20	15°♑25'19	44°54'39
	-10074 Feb 18 j 06:59	0°♒	
greatest brilliancy	-10074 Mar 11 j 10:26	12°♒22'37	-4.7m
retrograde	-10074 Mar 21 j 12:59	14°♒11'09	
evening set	-10074 Apr 06 j 01:23	9°♒42'54	
inferior conj	-10074 Apr 11 j 18:29	6°♒24'27	3°47'15
minimum elong	-10074 Apr 12 j 02:00	6°♒13'06	3°44'50
min. Earth dist.	-10074 Apr 13 j 00:09	5°♒39'41	0.28125 AU
morning rise	-10074 Apr 18 j 01:29	2°♒44'19	
	-10074 Apr 24 j 01:10	30°℞♑	
desc. node	-10074 Apr 28 j 15:28	28°♑44'02	
direct	-10074 May 03 j 08:25	28°♑17'51	
	-10074 May 13 j 00:40	0°♒	
greatest brilliancy	-10074 May 15 j 03:00	0°♒46'30	-4.8m
	-10074 Jun 22 j 07:16	0°♓	
morning max el	-10074 Jun 22 j 13:26	0°♓15'23	46°36'29
	-10074 Jul 20 j 01:58	0°♈	
	-10074 Aug 14 j 13:44	0°♉	
asc. node	-10074 Aug 18 j 08:42	4°♉34'28	
	-10074 Sep 08 j 04:06	0°♊	
	-10074 Oct 02 j 11:14	0°♋	
	-10074 Oct 26 j 18:35	0°♌	
	-10074 Nov 20 j 05:07	0°♍	
desc. node	-10074 Dec 09 j 06:03	23°♍16'17	
	-10074 Dec 14 j 18:23	0°♎	
morning set	-10074 Dec 28 j 22:47	17°♎18'39	
	-10073 Jan 08 j 08:08	0°♏	
max. Earth dist.	-10073 Feb 01 j 13:38	29°♏39'38	1.73795 AU
	-10073 Feb 01 j 20:16	0°♐	
superior conj	-10073 Feb 04 j 04:07	2°♐51'19	-1°20'58
minimum elong	-10073 Feb 04 j 04:21	2°♐52'00	1°21'27
	-10073 Feb 26 j 06:05	0°♑	
evening rise	-10073 Mar 11 j 12:50	16°♑21'57	
	-10073 Mar 22 j 14:12	0°♒	
asc. node	-10073 Mar 30 j 19:00	10°♒07'07	
	-10073 Apr 15 j 21:47	0°♓	
	-10073 May 10 j 06:03	0°♈	
	-10073 Jun 03 j 16:26	0°♉	
	-10073 Jun 28 j 07:32	0°♊	
desc. node	-10073 Jul 21 j 20:21	28°♊13'15	
	-10073 Jul 23 j 08:25	0°♋	
	-10073 Aug 18 j 05:50	0°♌	
evening max el	-10073 Sep 10 j 15:55	25°♌19'13	47°15'49
	-10073 Sep 15 j 07:44	0°♍	
greatest brilliancy	-10073 Oct 20 j 19:51	26°♍56'54	-4.9m
retrograde	-10073 Oct 31 j 16:06	29°♍12'54	
asc. node	-10073 Nov 10 j 16:23	27°♍05'29	
evening set	-10073 Nov 15 j 14:08	24°♍38'33	
min. Earth dist.	-10073 Nov 21 j 00:42	21°♍17'07	0.28418 AU
inferior conj	-10073 Nov 21 j 18:19	20°♍48'44	2°34'22
minimum elong	-10073 Nov 21 j 13:13	20°♍56'56	2°33'06
morning rise	-10073 Nov 27 j 13:08	17°♍13'43	
direct	-10073 Dec 12 j 19:40	12°♍33'42	
greatest brilliancy	-10073 Dec 21 j 18:11	14°♍02'55	-4.7m
	-10072 Jan 16 j 16:59	0°♎	
morning max el	-10072 Jan 30 j 14:14	12°♎22'27	45°57'18
	-10072 Feb 17 j 06:09	0°♏	
desc. node	-10072 Mar 02 j 19:15	15°♏30'51	
	-10072 Mar 15 j 20:49	0°♐	
	-10072 Apr 10 j 21:39	0°♑	
	-10072 May 05 j 23:38	0°♒	
	-10072 May 30 j 10:09	0°♓	
asc. node	-10072 Jun 22 j 08:25	28°♓38'30	
	-10072 Jun 23 j 10:21	0°♈	
greatest brilliancy	-10072 Jul 01 j 17:39	10°♈27'25	-3.9m
	-10072 Jul 17 j 04:46	0°♉	
morning set	-10072 Jul 26 j 06:27	11°♉29'00	
	-10072 Aug 09 j 21:27	0°♊	
	-10072 Sep 02 j 15:52	0°♋	
superior conj	-10072 Sep 05 j 18:28	3°♋54'37	1°11'16
minimum elong	-10072 Sep 06 j 05:06	4°♋28'01	1°11'35
max. Earth dist.	-10072 Sep 12 j 13:43	12°♋27'13	1.71223 AU
	-10072 Sep 26 j 14:16	0°♌	
desc. node	-10072 Oct 13 j 05:31	20°♌42'28	
evening rise	-10072 Oct 19 j 03:14	28°♌01'53	
	-10072 Oct 20 j 17:23	0°♍	
	-10072 Nov 14 j 00:46	0°♎	
	-10072 Dec 08 j 12:10	0°♏	
	-10071 Jan 02 j 04:58	0°♐	
	-10071 Jan 27 j 06:59	0°♑	
asc. node	-10071 Feb 01 j 21:40	6°♑37'09	
	-10071 Feb 22 j 00:52	0°♒	
	-10071 Mar 20 j 22:31	0°♓	
evening max el	-10071 Apr 15 j 08:19	26°♓06'32	46°05'33
	-10071 Apr 19 j 11:00	0°♈	
greatest brilliancy	-10071 May 25 j 04:48	25°♈04'07	-4.8m
desc. node	-10071 May 26 j 02:02	25°♈21'25	
retrograde	-10071 Jun 03 j 23:46	26°♈48'03	
evening set	-10071 Jun 19 j 10:24	22°♈16'34	
inferior conj	-10071 Jun 24 j 17:35	19°♈13'09	-6°31'42
minimum elong	-10071 Jun 24 j 07:07	19°♈28'43	6°29'22
min. Earth dist.	-10071 Jun 24 j 10:48	19°♈23'14	0.26578 AU
morning rise	-10071 Jun 29 j 03:45	16°♈38'55	
direct	-10071 Jul 15 j 06:41	11°♈42'02	
greatest brilliancy	-10071 Jul 25 j 20:40	13°♈48'50	-4.9m

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10071 Aug 19 j 03:39	0°♉	
morning max el	-10071 Sep 03 j 22:43	15°♉07'05	46°41'24
asc. node	-10071 Sep 14 j 20:48	26°♉38'48	
	-10071 Sep 17 j 22:30	0°♊	
	-10071 Oct 14 j 06:45	0°♋	
	-10071 Nov 08 j 16:34	0°♌	
	-10071 Dec 03 j 20:14	0°♍	
	-10071 Dec 28 j 21:58	0°♎	
desc. node	-10070 Jan 05 j 19:39	9°♎28'47	
	-10070 Jan 22 j 21:00	0°♏	
	-10070 Feb 16 j 15:17	0°♐	
morning set	-10070 Mar 07 j 00:39	22°♐28'35	
	-10070 Mar 13 j 03:41	0°♑	
	-10070 Apr 06 j 10:36	0°♒	
max. Earth dist.	-10070 Apr 06 j 16:42	0°♒18'55	1.72788 AU
superior conj	-10070 Apr 11 j 03:30	5°♒50'16	-0°36'14
minimum elong	-10070 Apr 11 j 09:47	6°♒09'44	0°36'28
asc. node	-10070 Apr 27 j 07:43	25°♒58'02	
	-10070 Apr 30 j 13:19	0°♓	
evening rise	-10070 May 16 j 22:52	20°♓28'53	
	-10070 May 24 j 13:27	0°♈	
	-10070 Jun 17 j 12:41	0°♉	
	-10070 Jul 11 j 13:01	0°♊	
	-10070 Aug 04 j 16:53	0°♋	
desc. node	-10070 Aug 18 j 07:31	16°♋45'48	
	-10070 Aug 29 j 03:07	0°♌	
	-10070 Sep 22 j 23:46	0°♍	
	-10070 Oct 18 j 15:27	0°♎	
	-10070 Nov 15 j 03:41	0°♏	
evening max el	-10070 Nov 20 j 05:12	5°♏05'59	45°33'35
asc. node	-10070 Dec 08 j 02:50	21°♏18'15	
	-10070 Dec 20 j 13:10	0°♐	
greatest brilliancy	-10070 Dec 27 j 23:43	3°♐37'36	-4.7m
retrograde	-10069 Jan 08 j 01:58	5°♐52'15	
evening set	-10069 Jan 25 j 13:51	0°♐02'00	
	-10069 Jan 25 j 15:10	30°℞♏	
inferior conj	-10069 Jan 29 j 13:10	27°♏32'43	8°01'51
minimum elong	-10069 Jan 29 j 11:07	27°♏36'00	8°01'19
min. Earth dist.	-10069 Jan 29 j 21:14	27°♏19'52	0.29620 AU
morning rise	-10069 Feb 02 j 08:20	25°♏09'19	
direct	-10069 Feb 20 j 12:38	18°♏59'42	
greatest brilliancy	-10069 Mar 02 j 11:38	20°♏46'07	-4.7m
	-10069 Mar 19 j 08:20	0°♐	
desc. node	-10069 Mar 31 j 06:42	9°♐29'47	
morning max el	-10069 Apr 10 j 15:27	18°♐59'46	46°08'06
	-10069 Apr 21 j 16:23	0°♑	
	-10069 May 19 j 04:02	0°♒	
	-10069 Jun 13 j 17:45	0°♓	
	-10069 Jul 08 j 08:05	0°♈	
asc. node	-10069 Jul 20 j 21:53	15°♈37'08	
	-10069 Aug 01 j 09:46	0°♉	
	-10069 Aug 25 j 06:00	0°♊	
	-10069 Sep 18 j 02:15	0°♋	
	-10069 Oct 12 j 02:02	0°♌	
morning set	-10069 Oct 13 j 02:15	1°♌15'22	
	-10069 Nov 05 j 06:29	0°♍	
desc. node	-10069 Nov 10 j 18:37	6°♍48'04	
superior conj	-10069 Nov 23 j 19:05	22°♍50'50	-0°28'47
minimum elong	-10069 Nov 23 j 12:31	22°♍30'36	0°28'22
max. Earth dist.	-10069 Nov 26 j 20:13	26°♍35'50	1.73101 AU
	-10069 Nov 29 j 14:35	0°♎	
	-10069 Dec 24 j 00:38	0°♏	
evening rise	-10068 Jan 01 j 12:48	10°♏26'20	
	-10068 Jan 17 j 11:41	0°♐	
	-10068 Feb 11 j 00:25	0°♑	
asc. node	-10068 Mar 01 j 09:04	23°♑33'08	
	-10068 Mar 06 j 16:46	0°♒	
	-10068 Mar 31 j 14:54	0°♓	
	-10068 Apr 25 j 21:25	0°♈	
	-10068 May 21 j 17:55	0°♉	
	-10068 Jun 17 j 21:00	0°♊	
desc. node	-10068 Jun 22 j 12:13	4°♊51'30	
evening max el	-10068 Jun 27 j 23:40	10°♊27'22	47°41'49
	-10068 Jul 19 j 07:48	0°♋	
greatest brilliancy	-10068 Aug 08 j 16:29	12°♋14'46	-4.9m
retrograde	-10068 Aug 17 j 22:52	13°♋54'06	
evening set	-10068 Sep 03 j 20:30	8°♋17'18	
inferior conj	-10068 Sep 07 j 16:50	5°♋54'58	-7°20'18
minimum elong	-10068 Sep 08 j 02:24	5°♋39'59	7°18'00
min. Earth dist.	-10068 Sep 07 j 06:35	6°♋11'00	0.26848 AU
morning rise	-10068 Sep 12 j 08:34	3°♋05'03	
	-10068 Sep 18 j 16:26	30°℞♊	
direct	-10068 Sep 27 j 21:47	28°♊13'29	
greatest brilliancy	-10068 Oct 07 j 14:21	0°♋01'27	-4.9m
	-10068 Oct 07 j 12:42	0°♋	
asc. node	-10068 Oct 12 j 07:50	2°♋02'43	
	-10068 Nov 16 j 07:29	0°♌	
morning max el	-10068 Nov 16 j 16:23	0°♌21'59	46°16'26
	-10068 Dec 14 j 19:44	0°♍	
	-10067 Jan 10 j 13:18	0°♎	
desc. node	-10067 Feb 02 j 08:51	26°♎20'16	
	-10067 Feb 05 j 12:08	0°♏	
	-10067 Mar 02 j 21:28	0°♐	
	-10067 Mar 27 j 18:53	0°♑	
	-10067 Apr 21 j 06:03	0°♒	
morning set	-10067 May 12 j 15:14	26°♒34'08	
	-10067 May 15 j 09:07	0°♓	
asc. node	-10067 May 24 j 21:02	11°♓53'50	
	-10067 Jun 08 j 06:36	0°♈	
max. Earth dist.	-10067 Jun 16 j 19:37	10°♈46'13	1.71070 AU
superior conj	-10067 Jun 18 j 21:41	13°♈24'11	0°53'51
minimum elong	-10067 Jun 18 j 12:17	12°♈54'31	0°53'34
	-10067 Jul 02 j 01:08	0°♉	
	-10067 Jul 25 j 19:30	0°♊	
evening rise	-10067 Jul 28 j 10:26	3°♊18'16	
	-10067 Aug 18 j 16:14	0°♋	
	-10067 Sep 11 j 17:15	0°♌	
desc. node	-10067 Sep 14 j 19:07	3°♌49'20	
	-10067 Oct 05 j 23:41	0°♍	
	-10067 Oct 30 j 12:52	0°♎	
	-10067 Nov 24 j 12:20	0°♏	
	-10067 Dec 20 j 07:05	0°♐	
asc. node	-10066 Jan 04 j 13:10	16°♐58'35	
	-10066 Jan 16 j 19:35	0°♑	
evening max el	-10066 Jan 30 j 03:26	13°♑13'44	44°54'04
	-10066 Feb 18 j 19:44	0°♒	
greatest brilliancy	-10066 Mar 08 j 23:35	10°♒09'09	-4.7m
retrograde	-10066 Mar 19 j 04:01	11°♒59'00	
evening set	-10066 Apr 03 j 18:23	7°♒26'51	
inferior conj	-10066 Apr 09 j 09:15	4°♒10'56	4°04'56
minimum elong	-10066 Apr 09 j 17:11	3°♒58'58	4°02'26
min. Earth dist.	-10066 Apr 10 j 15:07	3°♒25'52	0.28204 AU
morning rise	-10066 Apr 15 j 14:58	0°♒32'30	
	-10066 Apr 16 j 15:34	30°℞♑	
desc. node	-10066 Apr 27 j 17:42	26°♑15'32	
direct	-10066 May 01 j 00:27	26°♑02'49	
greatest brilliancy	-10066 May 12 j 18:11	28°♑31'04	-4.8m
	-10066 May 16 j 02:02	0°♒	
morning max el	-10066 Jun 20 j 05:28	27°♒59'24	46°35'41
	-10066 Jun 22 j 05:23	0°♓	
	-10066 Jul 19 j 18:03	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10066 Aug 14 j 03:37	0°♉	
asc. node	-10066 Aug 17 j 10:54	3°♉59'42	
	-10066 Sep 07 j 16:55	0°♊	
	-10066 Oct 01 j 23:26	0°♋	
	-10066 Oct 26 j 06:22	0°♌	
	-10066 Nov 19 j 16:33	0°♍	
desc. node	-10066 Dec 08 j 08:15	22°♍48'45	
	-10066 Dec 14 j 05:31	0°♎	
morning set	-10066 Dec 26 j 14:19	15°♎05'51	
	-10065 Jan 07 j 19:04	0°♏	
max. Earth dist.	-10065 Jan 30 j 13:20	27°♏51'56	1.73802 AU
	-10065 Feb 01 j 07:05	0°♐	
superior conj	-10065 Feb 01 j 23:05	0°♐49'04	-1°20'58
minimum elong	-10065 Feb 01 j 22:42	0°♐47'54	1°21'27
	-10065 Feb 25 j 16:55	0°♑	
evening rise	-10065 Mar 09 j 08:54	14°♑22'19	
	-10065 Mar 22 j 01:10	0°♒	
asc. node	-10065 Mar 29 j 21:05	9°♒39'25	
	-10065 Apr 15 j 09:03	0°♓	
	-10065 May 09 j 17:46	0°♈	
	-10065 Jun 03 j 04:45	0°♉	
	-10065 Jun 27 j 20:39	0°♊	
desc. node	-10065 Jul 20 j 22:39	27°♊37'51	
	-10065 Jul 22 j 22:47	0°♋	
	-10065 Aug 17 j 22:41	0°♌	
evening max el	-10065 Sep 08 j 08:43	23°♌04'05	47°18'52
	-10065 Sep 15 j 07:47	0°♍	
greatest brilliancy	-10065 Oct 18 j 13:08	24°♍42'28	-4.9m
retrograde	-10065 Oct 29 j 09:21	26°♍58'03	
asc. node	-10065 Nov 09 j 18:43	24°♍13'39	
evening set	-10065 Nov 13 j 06:08	22°♍24'40	
min. Earth dist.	-10065 Nov 18 j 16:32	19°♍03'20	0.28351 AU
inferior conj	-10065 Nov 19 j 10:37	18°♍34'13	2°15'27
minimum elong	-10065 Nov 19 j 06:05	18°♍41'30	2°14'21
morning rise	-10065 Nov 25 j 06:59	14°♍57'21	
direct	-10065 Dec 10 j 11:40	10°♍20'27	
greatest brilliancy	-10065 Dec 19 j 09:07	11°♍49'19	-4.8m
	-10064 Jan 16 j 23:08	0°♎	
morning max el	-10064 Jan 28 j 06:46	10°♎14'02	45°57'31
	-10064 Feb 16 j 23:42	0°♏	
desc. node	-10064 Mar 01 j 21:16	14°♏54'22	
	-10064 Mar 15 j 10:57	0°♐	
	-10064 Apr 10 j 10:17	0°♑	
	-10064 May 05 j 11:32	0°♒	
	-10064 May 29 j 21:40	0°♓	
asc. node	-10064 Jun 21 j 10:38	28°♓09'42	
	-10064 Jun 22 j 21:44	0°♈	
greatest brilliancy	-10064 Jul 01 j 19:12	11°♈12'11	-3.9m
	-10064 Jul 16 j 16:06	0°♉	
morning set	-10064 Jul 23 j 17:36	8°♉56'35	
	-10064 Aug 09 j 08:46	0°♊	
	-10064 Sep 02 j 03:10	0°♋	
superior conj	-10064 Sep 03 j 02:49	1°♋14'22	1°13'15
minimum elong	-10064 Sep 03 j 12:49	1°♋45'49	1°13'36
max. Earth dist.	-10064 Sep 09 j 22:49	9°♋49'37	1.71166 AU
	-10064 Sep 26 j 01:34	0°♌	
desc. node	-10064 Oct 12 j 07:39	20°♌13'56	
evening rise	-10064 Oct 16 j 12:20	25°♌26'16	
	-10064 Oct 20 j 04:42	0°♍	
	-10064 Nov 13 j 12:09	0°♎	
	-10064 Dec 07 j 23:43	0°♏	
	-10063 Jan 01 j 16:51	0°♐	
	-10063 Jan 26 j 19:36	0°♑	
asc. node	-10063 Jan 31 j 23:55	6°♑05'57	
	-10063 Feb 21 j 14:58	0°♒	
	-10063 Mar 20 j 15:52	0°♓	
evening max el	-10063 Apr 12 j 21:42	23°♓45'11	46°01'46
	-10063 Apr 19 j 14:03	0°♈	
greatest brilliancy	-10063 May 22 j 16:12	22°♈36'00	-4.8m
desc. node	-10063 May 25 j 04:18	23°♈21'02	
retrograde	-10063 Jun 01 j 10:58	24°♈19'25	
evening set	-10063 Jun 16 j 18:42	19°♈53'22	
inferior conj	-10063 Jun 22 j 05:25	16°♈45'07	-6°14'46
minimum elong	-10063 Jun 21 j 18:57	17°♈00'43	6°12'23
min. Earth dist.	-10063 Jun 21 j 23:49	16°♈53'28	0.26597 AU
morning rise	-10063 Jun 26 j 19:04	14°♈05'50	
direct	-10063 Jul 12 j 19:04	9°♈13'38	
greatest brilliancy	-10063 Jul 23 j 10:31	11°♈21'02	-4.9m
	-10063 Aug 19 j 11:20	0°♉	
morning max el	-10063 Sep 01 j 10:17	12°♉34'29	46°41'48
asc. node	-10063 Sep 13 j 22:53	25°♉51'08	
	-10063 Sep 17 j 17:22	0°♊	
	-10063 Oct 13 j 22:00	0°♋	
	-10063 Nov 08 j 06:08	0°♌	
	-10063 Dec 03 j 08:49	0°♍	
	-10063 Dec 28 j 09:56	0°♎	
desc. node	-10062 Jan 04 j 21:45	8°♎59'42	
	-10062 Jan 22 j 08:31	0°♏	
	-10062 Feb 16 j 02:30	0°♐	
morning set	-10062 Mar 04 j 19:58	20°♐26'42	
	-10062 Mar 12 j 14:44	0°♑	
max. Earth dist.	-10062 Apr 04 j 11:14	28°♑13'31	1.72842 AU
	-10062 Apr 05 j 21:36	0°♒	
superior conj	-10062 Apr 08 j 22:55	3°♒47'24	-0°38'52
minimum elong	-10062 Apr 09 j 05:30	4°♒07'49	0°39'05
asc. node	-10062 Apr 26 j 09:59	25°♒30'36	
	-10062 Apr 30 j 00:24	0°♓	
evening rise	-10062 May 14 j 16:45	18°♓19'48	
	-10062 May 24 j 00:44	0°♈	
	-10062 Jun 17 j 00:13	0°♉	
	-10062 Jul 11 j 00:52	0°♊	
	-10062 Aug 04 j 05:08	0°♋	
desc. node	-10062 Aug 17 j 09:33	16°♋13'39	
	-10062 Aug 28 j 15:55	0°♌	
	-10062 Sep 22 j 13:26	0°♍	
	-10062 Oct 18 j 06:54	0°♎	
	-10062 Nov 15 j 00:05	0°♏	
evening max el	-10062 Nov 17 j 19:44	2°♏49'20	45°36'39
asc. node	-10062 Dec 07 j 05:09	20°♏15'29	
	-10062 Dec 22 j 06:05	0°♐	
greatest brilliancy	-10062 Dec 25 j 16:58	1°♐30'36	-4.7m
retrograde	-10061 Jan 05 j 19:03	3°♐45'51	
	-10061 Jan 19 j 14:49	30°℞♏	
evening set	-10061 Jan 23 j 05:54	27°♏56'57	
inferior conj	-10061 Jan 27 j 06:34	25°♏25'35	7°59'34
minimum elong	-10061 Jan 27 j 03:52	25°♏29'53	7°59'01
min. Earth dist.	-10061 Jan 27 j 13:36	25°♏14'21	0.29621 AU
morning rise	-10061 Jan 31 j 01:47	23°♏01'55	
direct	-10061 Feb 18 j 05:03	16°♏52'22	
greatest brilliancy	-10061 Feb 28 j 03:37	18°♏38'00	-4.7m
	-10061 Mar 19 j 22:40	0°♐	
desc. node	-10061 Mar 30 j 08:54	8°♐34'30	
morning max el	-10061 Apr 08 j 06:57	16°♐47'43	46°07'26
	-10061 Apr 21 j 11:13	0°♑	
	-10061 May 18 j 18:52	0°♒	
	-10061 Jun 13 j 06:58	0°♓	
	-10061 Jul 07 j 20:30	0°♈	
asc. node	-10061 Jul 20 j 00:04	15°♈05'59	
	-10061 Jul 31 j 21:46	0°♉	
	-10061 Aug 24 j 17:46	0°♊	
	-10061 Sep 17 j 13:53	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10061 Oct 10 j 12:10	28°♋40'52	
	-10061 Oct 11 j 13:34	0°♌	
	-10061 Nov 04 j 17:53	0°♍	
desc. node	-10061 Nov 09 j 20:51	6°♍19'48	
superior conj	-10061 Nov 21 j 07:27	20°♍26'21	-0°25'27
minimum elong	-10061 Nov 21 j 01:31	20°♍08'06	0°25'01
max. Earth dist.	-10061 Nov 24 j 12:53	24°♍24'41	1.73045 AU
	-10061 Nov 29 j 01:53	0°♎	
	-10061 Dec 23 j 11:52	0°♏	
evening rise	-10061 Dec 30 j 05:28	8°♏15'44	
	-10060 Jan 16 j 22:58	0°♐	
	-10060 Feb 10 j 11:57	0°♑	
asc. node	-10060 Feb 29 j 11:12	23°♑03'36	
	-10060 Mar 06 j 04:46	0°♒	
	-10060 Mar 31 j 03:39	0°♓	
	-10060 Apr 25 j 11:23	0°♈	
	-10060 May 21 j 09:58	0°♉	
	-10060 Jun 17 j 17:44	0°♊	
desc. node	-10060 Jun 21 j 14:29	4°♊00'37	
evening max el	-10060 Jun 25 j 12:28	7°♊59'27	47°40'03
	-10060 Jul 20 j 01:37	0°♋	
greatest brilliancy	-10060 Aug 06 j 06:29	9°♋46'33	-4.9m
retrograde	-10060 Aug 15 j 12:01	11°♋25'26	
evening set	-10060 Sep 01 j 12:45	5°♋44'23	
inferior conj	-10060 Sep 05 j 06:03	3°♋27'06	-7°33'09
minimum elong	-10060 Sep 05 j 15:20	3°♋12'39	7°31'01
min. Earth dist.	-10060 Sep 04 j 19:55	3°♋42'55	0.26824 AU
morning rise	-10060 Sep 09 j 18:06	0°♋42'59	
	-10060 Sep 11 j 00:36	30°℞♊	
direct	-10060 Sep 25 j 10:23	25°♊46'10	
greatest brilliancy	-10060 Oct 05 j 04:18	27°♊35'28	-4.9m
	-10060 Oct 10 j 15:53	0°♋	
asc. node	-10060 Oct 11 j 10:13	0°♋24'04	
morning max el	-10060 Nov 14 j 06:41	28°♋00'24	46°17'25
	-10060 Nov 16 j 06:37	0°♌	
	-10060 Dec 14 j 12:19	0°♍	
	-10059 Jan 10 j 03:21	0°♎	
desc. node	-10059 Feb 01 j 10:54	25°♎48'42	
	-10059 Feb 05 j 00:52	0°♏	
	-10059 Mar 02 j 09:27	0°♐	
	-10059 Mar 27 j 06:27	0°♑	
	-10059 Apr 20 j 17:24	0°♒	
morning set	-10059 May 10 j 08:50	24°♒24'02	
	-10059 May 14 j 20:24	0°♓	
asc. node	-10059 May 23 j 23:14	11°♓25'21	
	-10059 Jun 07 j 17:53	0°♈	
max. Earth dist.	-10059 Jun 14 j 06:55	8°♈14'46	1.71112 AU
superior conj	-10059 Jun 16 j 12:17	11°♈03'03	0°51'09
minimum elong	-10059 Jun 16 j 03:08	10°♈34'11	0°50'51
	-10059 Jul 01 j 12:29	0°♉	
	-10059 Jul 25 j 06:57	0°♊	
evening rise	-10059 Jul 25 j 20:47	0°♊43'36	
	-10059 Aug 18 j 03:49	0°♋	
	-10059 Sep 11 j 04:58	0°♌	
desc. node	-10059 Sep 13 j 21:19	3°♌19'44	
	-10059 Oct 05 j 11:36	0°♍	
	-10059 Oct 30 j 01:10	0°♎	
	-10059 Nov 24 j 01:25	0°♏	
	-10059 Dec 19 j 21:51	0°♐	
asc. node	-10058 Jan 03 j 15:24	16°♐19'43	
	-10058 Jan 16 j 14:41	0°♑	
evening max el	-10058 Jan 27 j 19:12	11°♑02'32	44°53'39
	-10058 Feb 19 j 13:36	0°♒	
greatest brilliancy	-10058 Mar 06 j 12:59	7°♒54'58	-4.7m
retrograde	-10058 Mar 16 j 18:49	9°♒45'33	
evening set	-10058 Apr 01 j 11:26	5°♒09'46	
inferior conj	-10058 Apr 06 j 23:59	1°♒56'18	4°22'04
minimum elong	-10058 Apr 07 j 08:15	1°♒43'46	4°19'32
min. Earth dist.	-10058 Apr 08 j 05:49	1°♒11'09	0.28281 AU
	-10058 Apr 10 j 05:26	30°℞♑	
morning rise	-10058 Apr 13 j 04:11	28°♑19'37	
desc. node	-10058 Apr 26 j 20:01	23°♑50'56	
direct	-10058 Apr 28 j 16:37	23°♑46'52	
greatest brilliancy	-10058 May 10 j 08:35	26°♑13'42	-4.8m
	-10058 May 17 j 22:26	0°♒	
morning max el	-10058 Jun 17 j 21:14	25°♒41'55	46°34'52
	-10058 Jun 22 j 03:05	0°♓	
	-10058 Jul 19 j 10:10	0°♈	
	-10058 Aug 13 j 17:37	0°♉	
asc. node	-10058 Aug 16 j 12:57	3°♉23'59	
	-10058 Sep 07 j 05:52	0°♊	
	-10058 Oct 01 j 11:46	0°♋	
	-10058 Oct 25 j 18:15	0°♌	
	-10058 Nov 19 j 04:06	0°♍	
desc. node	-10058 Dec 07 j 10:20	22°♍20'20	
	-10058 Dec 13 j 16:51	0°♎	
morning set	-10058 Dec 24 j 05:37	12°♎51'40	
	-10057 Jan 07 j 06:13	0°♏	
max. Earth dist.	-10057 Jan 28 j 12:28	26°♏01'42	1.73808 AU
superior conj	-10057 Jan 30 j 17:39	28°♏44'49	-1°20'52
minimum elong	-10057 Jan 30 j 16:40	28°♏41'48	1°21'20
	-10057 Jan 31 j 18:10	0°♐	
	-10057 Feb 25 j 03:59	0°♑	
evening rise	-10057 Mar 07 j 04:32	12°♑20'42	
	-10057 Mar 21 j 12:23	0°♒	
asc. node	-10057 Mar 28 j 23:22	9°♒11'35	
	-10057 Apr 14 j 20:34	0°♓	
	-10057 May 09 j 05:44	0°♈	
	-10057 Jun 02 j 17:20	0°♉	
	-10057 Jun 27 j 10:04	0°♊	
desc. node	-10057 Jul 20 j 00:45	27°♊01'04	
	-10057 Jul 22 j 13:29	0°♋	
	-10057 Aug 17 j 15:58	0°♌	
evening max el	-10057 Sep 06 j 01:36	20°♌48'48	47°21'56
	-10057 Sep 15 j 09:02	0°♍	
greatest brilliancy	-10057 Oct 16 j 07:03	22°♍28'54	-4.9m
retrograde	-10057 Oct 27 j 02:29	24°♍43'17	
asc. node	-10057 Nov 08 j 20:57	21°♍18'17	
evening set	-10057 Nov 10 j 22:28	20°♍10'57	
min. Earth dist.	-10057 Nov 16 j 08:43	16°♍49'35	0.28282 AU
inferior conj	-10057 Nov 17 j 03:03	16°♍20'00	1°56'28
minimum elong	-10057 Nov 16 j 23:07	16°♍26'21	1°55'32
morning rise	-10057 Nov 23 j 00:49	12°♍41'18	
direct	-10057 Dec 08 j 03:46	8°♍07'41	
greatest brilliancy	-10057 Dec 17 j 00:19	9°♍36'04	-4.8m
	-10056 Jan 17 j 03:20	0°♎	
morning max el	-10056 Jan 25 j 22:35	8°♎03'44	45°57'31
	-10056 Feb 16 j 16:59	0°♏	
desc. node	-10056 Feb 29 j 23:28	14°♏18'17	
	-10056 Mar 15 j 01:04	0°♐	
	-10056 Apr 09 j 23:00	0°♑	
	-10056 May 04 j 23:31	0°♒	
	-10056 May 29 j 09:16	0°♓	
asc. node	-10056 Jun 20 j 12:44	27°♓40'19	
	-10056 Jun 22 j 09:10	0°♈	
greatest brilliancy	-10056 Jul 01 j 15:30	11°♈40'15	-3.9m
	-10056 Jul 16 j 03:29	0°♉	
morning set	-10056 Jul 21 j 04:44	6°♉23'52	
	-10056 Aug 08 j 20:08	0°♊	
superior conj	-10056 Aug 31 j 11:18	28°♊34'22	1°15'04

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10056 Aug 31 j 20:36	29°♊03'38	1°15'28
	-10056 Sep 01 j 14:31	0°♋	
max. Earth dist.	-10056 Sep 07 j 05:14	7°♋03'25	1.71107 AU
	-10056 Sep 25 j 12:54	0°♌	
desc. node	-10056 Oct 11 j 09:53	19°♌45'44	
evening rise	-10056 Oct 13 j 21:19	22°♌50'11	
	-10056 Oct 19 j 16:01	0°♍	
	-10056 Nov 12 j 23:29	0°♎	
	-10056 Dec 07 j 11:11	0°♏	
	-10055 Jan 01 j 04:41	0°♐	
	-10055 Jan 26 j 08:15	0°♑	
asc. node	-10055 Jan 31 j 02:03	5°♑34'25	
	-10055 Feb 21 j 05:14	0°♒	
	-10055 Mar 20 j 09:37	0°♓	
evening max el	-10055 Apr 10 j 10:21	21°♓22'02	45°57'59
	-10055 Apr 19 j 18:51	0°♈	
greatest brilliancy	-10055 May 20 j 04:04	20°♈08'27	-4.8m
desc. node	-10055 May 24 j 06:28	21°♈15'40	
retrograde	-10055 May 29 j 21:56	21°♈51'10	
evening set	-10055 Jun 14 j 03:09	17°♈29'57	
inferior conj	-10055 Jun 19 j 17:18	14°♈17'28	-5°57'13
minimum elong	-10055 Jun 19 j 06:52	14°♈33'00	5°54'45
min. Earth dist.	-10055 Jun 19 j 13:13	14°♈23'33	0.26618 AU
morning rise	-10055 Jun 24 j 10:20	11°♈33'17	
direct	-10055 Jul 10 j 07:02	6°♈45'17	
greatest brilliancy	-10055 Jul 21 j 01:00	8°♈54'17	-4.9m
	-10055 Aug 19 j 16:45	0°♉	
morning max el	-10055 Aug 29 j 21:42	10°♉01'38	46°42'15
asc. node	-10055 Sep 13 j 01:16	25°♉05'09	
	-10055 Sep 17 j 11:41	0°♊	
	-10055 Oct 13 j 12:58	0°♋	
	-10055 Nov 07 j 19:30	0°♌	
	-10055 Dec 02 j 21:13	0°♍	
	-10055 Dec 27 j 21:40	0°♎	
desc. node	-10054 Jan 03 j 23:50	8°♎31'10	
	-10054 Jan 21 j 19:48	0°♏	
	-10054 Feb 15 j 13:30	0°♐	
morning set	-10054 Mar 02 j 15:25	18°♐25'46	
	-10054 Mar 12 j 01:36	0°♑	
max. Earth dist.	-10054 Apr 02 j 07:13	26°♑12'58	1.72902 AU
	-10054 Apr 05 j 08:29	0°♒	
superior conj	-10054 Apr 06 j 18:27	1°♒45'20	-0°41'25
minimum elong	-10054 Apr 07 j 01:19	2°♒06'36	0°41'40
asc. node	-10054 Apr 25 j 12:11	25°♒03'14	
	-10054 Apr 29 j 11:25	0°♓	
evening rise	-10054 May 12 j 10:43	16°♓11'23	
	-10054 May 23 j 11:55	0°♈	
	-10054 Jun 16 j 11:39	0°♉	
	-10054 Jul 10 j 12:36	0°♊	
	-10054 Aug 03 j 17:15	0°♋	
desc. node	-10054 Aug 16 j 11:47	15°♋42'31	
	-10054 Aug 28 j 04:35	0°♌	
	-10054 Sep 22 j 03:01	0°♍	
	-10054 Oct 17 j 22:20	0°♎	
	-10054 Nov 14 j 20:50	0°♏	
evening max el	-10054 Nov 15 j 10:45	0°♏34'37	45°39'58
asc. node	-10054 Dec 06 j 07:24	19°♏12'06	
greatest brilliancy	-10054 Dec 23 j 10:00	29°♏24'36	-4.7m
	-10054 Dec 25 j 00:41	0°♐	
retrograde	-10053 Jan 03 j 12:52	1°♐41'17	
	-10053 Jan 12 j 16:19	30°℞♏	
evening set	-10053 Jan 20 j 22:03	25°♏53'48	
inferior conj	-10053 Jan 25 j 00:15	23°♏20'12	7°56'42
minimum elong	-10053 Jan 24 j 20:56	23°♏25'30	7°56'06
min. Earth dist.	-10053 Jan 25 j 06:02	23°♏10'58	0.29618 AU
morning rise	-10053 Jan 28 j 19:46	20°♏56'04	
direct	-10053 Feb 15 j 21:45	14°♏46'50	
greatest brilliancy	-10053 Feb 25 j 19:42	16°♏31'51	-4.7m
	-10053 Mar 20 j 08:44	0°♐	
desc. node	-10053 Mar 29 j 11:13	7°♐41'58	
morning max el	-10053 Apr 05 j 23:32	14°♐39'36	46°06'38
	-10053 Apr 21 j 05:12	0°♑	
	-10053 May 18 j 09:16	0°♒	
	-10053 Jun 12 j 19:54	0°♓	
	-10053 Jul 07 j 08:43	0°♈	
asc. node	-10053 Jul 19 j 02:12	14°♈35'19	
	-10053 Jul 31 j 09:33	0°♉	
	-10053 Aug 24 j 05:18	0°♊	
	-10053 Sep 17 j 01:15	0°♋	
morning set	-10053 Oct 07 j 21:57	26°♋06'36	
	-10053 Oct 11 j 00:49	0°♌	
	-10053 Nov 04 j 05:01	0°♍	
desc. node	-10053 Nov 08 j 22:53	5°♍51'50	
superior conj	-10053 Nov 18 j 19:41	18°♍02'10	-0°22'02
minimum elong	-10053 Nov 18 j 14:27	17°♍46'01	0°21'36
max. Earth dist.	-10053 Nov 22 j 04:00	22°♍09'32	1.72988 AU
	-10053 Nov 28 j 12:54	0°♎	
	-10053 Dec 22 j 22:48	0°♏	
evening rise	-10053 Dec 27 j 22:13	6°♏06'20	
	-10052 Jan 16 j 09:57	0°♐	
	-10052 Feb 09 j 23:09	0°♑	
asc. node	-10052 Feb 28 j 13:34	22°♑35'56	
	-10052 Mar 05 j 16:25	0°♒	
	-10052 Mar 30 j 16:05	0°♓	
	-10052 Apr 25 j 01:06	0°♈	
	-10052 May 21 j 01:59	0°♉	
	-10052 Jun 17 j 14:57	0°♊	
desc. node	-10052 Jun 20 j 16:38	3°♊09'03	
evening max el	-10052 Jun 23 j 02:14	5°♊34'34	47°37'59
	-10052 Jul 21 j 01:17	0°♋	
greatest brilliancy	-10052 Aug 03 j 19:43	7°♋17'32	-4.9m
retrograde	-10052 Aug 13 j 01:29	8°♋56'36	
evening set	-10052 Aug 30 j 04:44	3°♋11'19	
inferior conj	-10052 Sep 02 j 19:00	0°♋59'00	-7°45'18
minimum elong	-10052 Sep 03 j 03:54	0°♋45'10	7°43'20
min. Earth dist.	-10052 Sep 02 j 08:39	1°♋15'05	0.26799 AU
	-10052 Sep 04 j 09:07	30°℞♊	
morning rise	-10052 Sep 07 j 03:16	28°♊20'57	
direct	-10052 Sep 22 j 23:14	23°♊18'47	
greatest brilliancy	-10052 Oct 02 j 17:26	25°♊08'48	-4.9m
asc. node	-10052 Oct 10 j 12:28	28°♊49'19	
	-10052 Oct 12 j 11:54	0°♋	
morning max el	-10052 Nov 11 j 21:38	25°♋41'09	46°18'27
	-10052 Nov 16 j 04:31	0°♌	
	-10052 Dec 14 j 04:17	0°♍	
	-10051 Jan 09 j 16:55	0°♎	
desc. node	-10051 Jan 31 j 13:03	25°♎18'39	
	-10051 Feb 04 j 13:10	0°♏	
	-10051 Mar 01 j 21:01	0°♐	
	-10051 Mar 26 j 17:35	0°♑	
	-10051 Apr 20 j 04:20	0°♒	
morning set	-10051 May 08 j 02:59	22°♒17'05	
	-10051 May 14 j 07:16	0°♓	
asc. node	-10051 May 23 j 01:21	10°♓57'51	
	-10051 Jun 07 j 04:49	0°♈	
max. Earth dist.	-10051 Jun 11 j 16:58	5°♈40'38	1.71163 AU
superior conj	-10051 Jun 14 j 03:18	8°♈44'27	0°48'24
minimum elong	-10051 Jun 13 j 18:28	8°♈16'38	0°48'04
	-10051 Jun 30 j 23:33	0°♉	
evening rise	-10051 Jul 23 j 07:15	28°♉09'59	
	-10051 Jul 24 j 18:10	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10051 Aug 17 j 15:10	0°♋	
	-10051 Sep 10 j 16:28	0°♌	
desc. node	-10051 Sep 12 j 23:34	2°♌50'56	
	-10051 Oct 04 j 23:19	0°♍	
	-10051 Oct 29 j 13:16	0°♎	
	-10051 Nov 23 j 14:17	0°♏	
	-10051 Dec 19 j 12:26	0°♐	
asc. node	-10050 Jan 02 j 17:38	15°♐41'33	
	-10050 Jan 16 j 09:53	0°♑	
evening max el	-10050 Jan 25 j 11:20	8°♑53'20	44°53'24
	-10050 Feb 20 j 12:44	0°♒	
greatest brilliancy	-10050 Mar 04 j 03:24	5°♒43'49	-4.7m
retrograde	-10050 Mar 14 j 09:35	7°♒34'26	
evening set	-10050 Mar 30 j 04:56	2°♒55'12	
	-10050 Apr 04 j 04:46	30°℞♑	
inferior conj	-10050 Apr 04 j 15:08	29°♑44'16	4°38'30
minimum elong	-10050 Apr 04 j 23:40	29°♑31'17	4°35'58
min. Earth dist.	-10050 Apr 05 j 21:00	28°♑58'53	0.28352 AU
morning rise	-10050 Apr 10 j 17:35	26°♑09'20	
desc. node	-10050 Apr 25 j 22:05	21°♑33'55	
direct	-10050 Apr 26 j 08:52	21°♑33'41	
greatest brilliancy	-10050 May 07 j 23:03	23°♑58'35	-4.8m
	-10050 May 19 j 03:49	0°♒	
morning max el	-10050 Jun 15 j 12:23	23°♒24'36	46°33'53
	-10050 Jun 21 j 23:28	0°♓	
	-10050 Jul 19 j 01:38	0°♈	
	-10050 Aug 13 j 07:13	0°♉	
asc. node	-10050 Aug 15 j 15:19	2°♉50'16	
	-10050 Sep 06 j 18:32	0°♊	
	-10050 Sep 30 j 23:52	0°♋	
	-10050 Oct 25 j 05:56	0°♌	
	-10050 Nov 18 j 15:28	0°♍	
desc. node	-10050 Dec 06 j 12:25	21°♍52'34	
	-10050 Dec 13 j 03:56	0°♎	
morning set	-10050 Dec 21 j 20:32	10°♎37'03	
	-10049 Jan 06 j 17:08	0°♏	
max. Earth dist.	-10049 Jan 26 j 11:01	24°♏10'31	1.73809 AU
superior conj	-10049 Jan 28 j 12:05	26°♏40'58	-1°20'39
minimum elong	-10049 Jan 28 j 10:29	26°♏36'03	1°21'06
	-10049 Jan 31 j 04:58	0°♐	
	-10049 Feb 24 j 14:49	0°♑	
evening rise	-10049 Mar 05 j 00:18	10°♑20'14	
	-10049 Mar 20 j 23:20	0°♒	
asc. node	-10049 Mar 28 j 01:36	8°♒44'27	
	-10049 Apr 14 j 07:48	0°♓	
	-10049 May 08 j 17:24	0°♈	
	-10049 Jun 02 j 05:35	0°♉	
	-10049 Jun 26 j 23:11	0°♊	
desc. node	-10049 Jul 19 j 03:01	26°♊25'32	
	-10049 Jul 22 j 04:01	0°♋	
	-10049 Aug 17 j 09:21	0°♌	
evening max el	-10049 Sep 03 j 17:46	18°♌31'54	47°24'31
	-10049 Sep 15 j 11:34	0°♍	
greatest brilliancy	-10049 Oct 14 j 01:20	20°♍15'06	-4.9m
retrograde	-10049 Oct 24 j 18:53	22°♍27'26	
asc. node	-10049 Nov 07 j 23:11	18°♍17'51	
evening set	-10049 Nov 08 j 14:38	17°♍56'05	
min. Earth dist.	-10049 Nov 14 j 01:04	14°♍34'18	0.28214 AU
inferior conj	-10049 Nov 14 j 19:13	14°♍04'58	1°36'54
minimum elong	-10049 Nov 14 j 15:56	14°♍10'18	1°36'09
morning rise	-10049 Nov 20 j 18:15	10°♍24'21	
direct	-10049 Dec 05 j 19:07	5°♍54'03	
greatest brilliancy	-10049 Dec 14 j 15:49	7°♍22'24	-4.8m
	-10048 Jan 17 j 05:55	0°♎	
morning max el	-10048 Jan 23 j 13:25	5°♎50'58	45°57'42
	-10048 Feb 16 j 09:49	0°♏	
desc. node	-10048 Feb 29 j 01:45	13°♏43'11	
	-10048 Mar 14 j 14:54	0°♐	
	-10048 Apr 09 j 11:27	0°♑	
	-10048 May 04 j 11:16	0°♒	
	-10048 May 28 j 20:39	0°♓	
asc. node	-10048 Jun 19 j 14:56	27°♓11'56	
	-10048 Jun 21 j 20:23	0°♈	
greatest brilliancy	-10048 Jul 01 j 10:13	12°♈04'05	-3.9m
	-10048 Jul 15 j 14:38	0°♉	
morning set	-10048 Jul 18 j 16:36	3°♉54'11	
	-10048 Aug 08 j 07:16	0°♊	
superior conj	-10048 Aug 28 j 20:17	25°♊56'26	1°16'41
minimum elong	-10048 Aug 29 j 04:48	26°♊23'16	1°17'07
	-10048 Sep 01 j 01:40	0°♋	
max. Earth dist.	-10048 Sep 04 j 09:13	4°♋10'05	1.71057 AU
	-10048 Sep 25 j 00:05	0°♌	
desc. node	-10048 Oct 10 j 11:57	19°♌17'16	
evening rise	-10048 Oct 11 j 05:59	20°♌13'14	
	-10048 Oct 19 j 03:15	0°♍	
	-10048 Nov 12 j 10:48	0°♎	
	-10048 Dec 06 j 22:40	0°♏	
	-10048 Dec 31 j 16:34	0°♐	
	-10047 Jan 25 j 20:57	0°♑	
asc. node	-10047 Jan 30 j 04:27	5°♑03'37	
	-10047 Feb 20 j 19:37	0°♒	
	-10047 Mar 20 j 03:44	0°♓	
evening max el	-10047 Apr 07 j 22:37	18°♓58'25	45°54'25
	-10047 Apr 20 j 01:32	0°♈	
greatest brilliancy	-10047 May 17 j 15:48	17°♈41'23	-4.8m
desc. node	-10047 May 23 j 08:43	19°♈05'48	
retrograde	-10047 May 27 j 09:10	19°♈24'02	
evening set	-10047 Jun 11 j 11:54	15°♈06'53	
inferior conj	-10047 Jun 17 j 05:16	11°♈50'43	-5°39'00
minimum elong	-10047 Jun 16 j 19:00	12°♈05'59	5°36'29
min. Earth dist.	-10047 Jun 17 j 02:43	11°♈54'29	0.26639 AU
morning rise	-10047 Jun 22 j 01:42	9°♈01'54	
direct	-10047 Jul 07 j 19:07	4°♈17'36	
greatest brilliancy	-10047 Jul 18 j 15:48	6°♈28'49	-4.9m
	-10047 Aug 19 j 20:05	0°♉	
morning max el	-10047 Aug 27 j 09:54	7°♉31'27	46°42'49
asc. node	-10047 Sep 12 j 03:28	24°♉19'59	
	-10047 Sep 17 j 05:22	0°♊	
	-10047 Oct 13 j 03:37	0°♋	
	-10047 Nov 07 j 08:41	0°♌	
	-10047 Dec 02 j 09:34	0°♍	
	-10047 Dec 27 j 09:27	0°♎	
desc. node	-10046 Jan 03 j 02:02	8°♎02'45	
	-10046 Jan 21 j 07:10	0°♏	
	-10046 Feb 15 j 00:34	0°♐	
morning set	-10046 Feb 28 j 10:24	16°♐23'12	
	-10046 Mar 11 j 12:32	0°♑	
max. Earth dist.	-10046 Mar 31 j 04:37	24°♑16'48	1.72957 AU
superior conj	-10046 Apr 04 j 13:43	29°♑42'22	-0°43'57
minimum elong	-10046 Apr 04 j 20:50	0°♒04'24	0°44'12
	-10046 Apr 04 j 19:25	0°♒	
asc. node	-10046 Apr 24 j 14:17	24°♒35'26	
	-10046 Apr 28 j 22:27	0°♓	
evening rise	-10046 May 10 j 04:44	14°♓03'01	
	-10046 May 22 j 23:10	0°♈	
	-10046 Jun 15 j 23:08	0°♉	
	-10046 Jul 10 j 00:23	0°♊	
	-10046 Aug 03 j 05:24	0°♋	
desc. node	-10046 Aug 15 j 14:05	15°♋11'37	
	-10046 Aug 27 j 17:17	0°♌	
	-10046 Sep 21 j 16:39	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10046 Oct 17 j 13:58	0°♎		
evening max el	-10046 Nov 13 j 02:27	28°♎21'18	45°43'06	
	-10046 Nov 14 j 18:25	0°♏		
asc. node	-10046 Dec 05 j 09:40	18°♏06'29		
greatest brilliancy	-10046 Dec 21 j 02:18	27°♏16'45	-4.7m	
retrograde	-10045 Jan 01 j 06:47	29°♏35'18		
evening set	-10045 Jan 18 j 13:47	23°♏49'28		
inferior conj	-10045 Jan 22 j 17:42	21°♏13'17	7°53'07	
minimum elong	-10045 Jan 22 j 13:47	21°♏19'31	7°52'28	
min. Earth dist.	-10045 Jan 22 j 22:01	21°♏06'23	0.29616 AU	
morning rise	-10045 Jan 26 j 13:45	18°♏48'24		
direct	-10045 Feb 13 j 14:45	12°♏39'48		
greatest brilliancy	-10045 Feb 23 j 11:17	14°♏24'00	-4.7m	
	-10045 Mar 20 j 16:35	0°♐		
desc. node	-10045 Mar 28 j 13:16	6°♐48'58		
morning max el	-10045 Apr 03 j 16:41	12°♐32'14	46°05'53	
	-10045 Apr 20 j 23:04	0°♑		
	-10045 May 17 j 23:42	0°♒		
	-10045 Jun 12 j 08:55	0°♓		
	-10045 Jul 06 j 21:00	0°♈		
asc. node	-10045 Jul 18 j 04:27	14°♈04'38		
	-10045 Jul 30 j 21:26	0°♉		
	-10045 Aug 23 j 16:57	0°♊		
	-10045 Sep 16 j 12:45	0°♋		
morning set	-10045 Oct 05 j 08:03	23°♋32'54		
	-10045 Oct 10 j 12:10	0°♌		
	-10045 Nov 03 j 16:14	0°♍		
desc. node	-10045 Nov 08 j 01:01	5°♍23'50		
superior conj	-10045 Nov 16 j 07:57	15°♍37'42	-0°18'35	
minimum elong	-10045 Nov 16 j 03:27	15°♍23'50	0°18'11	
max. Earth dist.	-10045 Nov 19 j 20:33	19°♍58'22	1.72935 AU	
	-10045 Nov 28 j 00:01	0°♎		
	-10045 Dec 22 j 09:54	0°♏		
evening rise	-10045 Dec 25 j 14:58	3°♏56'27		
	-10044 Jan 15 j 21:09	0°♐		
	-10044 Feb 09 j 10:37	0°♑		
asc. node	-10044 Feb 27 j 15:46	22°♑06'53		
	-10044 Mar 05 j 04:22	0°♒		
	-10044 Mar 30 j 04:51	0°♓		
	-10044 Apr 24 j 15:13	0°♈		
	-10044 May 20 j 18:32	0°♉		
	-10044 Jun 17 j 13:11	0°♊		
desc. node	-10044 Jun 19 j 18:55	2°♊16'13		
evening max el	-10044 Jun 20 j 16:49	3°♊11'12	47°35'52	
	-10044 Jul 22 j 10:25	0°♋		
greatest brilliancy	-10044 Aug 01 j 08:29	4°♋47'22	-4.9m	
retrograde	-10044 Aug 10 j 15:07	6°♋26'44		
evening set	-10044 Aug 27 j 20:36	0°♋37'29		
	-10044 Aug 28 j 21:25	30°℞♊		
inferior conj	-10044 Aug 31 j 07:51	28°♊29'54	-7°56'40	
minimum elong	-10044 Aug 31 j 16:20	28°♊16'46	7°54'52	
min. Earth dist.	-10044 Aug 30 j 21:05	28°♊46'35	0.26771 AU	
morning rise	-10044 Sep 04 j 12:15	25°♊57'57		
direct	-10044 Sep 20 j 12:26	20°♊50'39		
greatest brilliancy	-10044 Sep 30 j 06:05	22°♊40'41	-4.9m	
asc. node	-10044 Oct 09 j 14:37	27°♊17'07		
	-10044 Oct 13 j 18:22	0°♋		
morning max el	-10044 Nov 09 j 12:35	23°♋21'16	46°19'32	
	-10044 Nov 16 j 01:50	0°♌		
	-10044 Dec 13 j 20:09	0°♍		
	-10043 Jan 09 j 06:33	0°♎		
desc. node	-10043 Jan 30 j 15:16	24°♎48'11		
	-10043 Feb 04 j 01:39	0°♏		
	-10043 Mar 01 j 08:50	0°♐		
	-10043 Mar 26 j 05:03	0°♑		
	-10043 Apr 19 j 15:36	0°♒		
morning set	-10043 May 05 j 20:58	20°♒08'37		
	-10043 May 13 j 18:28	0°♓		
asc. node	-10043 May 22 j 03:35	10°♓29'41		
	-10043 Jun 06 j 16:02	0°♈		
max. Earth dist.	-10043 Jun 09 j 01:10	2°♈59'51	1.71212 AU	
superior conj	-10043 Jun 11 j 18:16	6°♈24'55	0°45'34	
minimum elong	-10043 Jun 11 j 09:49	5°♈58'17	0°45'13	
	-10043 Jun 30 j 10:52	0°♉		
evening rise	-10043 Jul 20 j 17:49	25°♉35'52		
	-10043 Jul 24 j 05:38	0°♊		
	-10043 Aug 17 j 02:48	0°♋		
	-10043 Sep 10 j 04:16	0°♌		
desc. node	-10043 Sep 12 j 01:37	2°♌20'39		
	-10043 Oct 04 j 11:19	0°♍		
	-10043 Oct 29 j 01:40	0°♎		
	-10043 Nov 23 j 03:29	0°♏		
	-10043 Dec 19 j 03:27	0°♐		
asc. node	-10042 Jan 01 j 20:00	15°♐02'40		
	-10042 Jan 16 j 05:57	0°♑		
evening max el	-10042 Jan 23 j 02:44	6°♑41'32	44°53'03	
	-10042 Feb 21 j 21:43	0°♒		
greatest brilliancy	-10042 Mar 01 j 18:08	3°♒32'05	-4.7m	
retrograde	-10042 Mar 11 j 23:45	5°♒22'23		
evening set	-10042 Mar 27 j 22:26	0°♒39'29		
	-10042 Mar 29 j 02:34	30°℞♑		
inferior conj	-10042 Apr 02 j 06:17	27°♑31'17	4°54'30	
minimum elong	-10042 Apr 02 j 15:02	27°♑17'56	4°51'58	
min. Earth dist.	-10042 Apr 03 j 12:30	26°♑45'14	0.28427 AU	
morning rise	-10042 Apr 08 j 06:48	23°♑58'10		
direct	-10042 Apr 24 j 00:44	19°♑19'20		
desc. node	-10042 Apr 25 j 00:21	19°♑20'26		
greatest brilliancy	-10042 May 05 j 14:08	21°♑42'53	-4.8m	
	-10042 May 20 j 01:57	0°♒		
morning max el	-10042 Jun 13 j 02:38	21°♒03'43	46°33'00	
	-10042 Jun 21 j 19:45	0°♓		
	-10042 Jul 18 j 17:18	0°♈		
	-10042 Aug 12 j 21:03	0°♉		
asc. node	-10042 Aug 14 j 17:30	2°♉15'12		
	-10042 Sep 06 j 07:25	0°♊		
	-10042 Sep 30 j 12:11	0°♋		
	-10042 Oct 24 j 17:52	0°♌		
	-10042 Nov 18 j 03:05	0°♍		
desc. node	-10042 Dec 05 j 14:37	21°♍24'20		
	-10042 Dec 12 j 15:18	0°♎		
morning set	-10042 Dec 19 j 11:34	8°♎21'55		
	-10041 Jan 06 j 04:18	0°♏		
max. Earth dist.	-10041 Jan 24 j 08:45	22°♏16'07	1.73806 AU	
superior conj	-10041 Jan 26 j 06:42	24°♏36'56	-1°20'19	
minimum elong	-10041 Jan 26 j 04:28	24°♏30'07	1°20'45	
	-10041 Jan 30 j 16:02	0°♐		
	-10041 Feb 24 j 01:53	0°♑		
evening rise	-10041 Mar 02 j 20:12	8°♑19'28		
	-10041 Mar 20 j 10:35	0°♒		
asc. node	-10041 Mar 27 j 03:43	8°♒16'04		
	-10041 Apr 13 j 19:23	0°♓		
	-10041 May 08 j 05:28	0°♈		
	-10041 Jun 01 j 18:18	0°♉		
	-10041 Jun 26 j 12:48	0°♊		
desc. node	-10041 Jul 18 j 05:17	25°♊48'38		
	-10041 Jul 21 j 19:04	0°♋		
	-10041 Aug 17 j 03:29	0°♌		
evening max el	-10041 Sep 01 j 08:53	16°♌11'17	47°27'13	
	-10041 Sep 15 j 16:04	0°♍		
greatest brilliancy	-10041 Oct 11 j 19:54	18°♍00'41	-4.9m	
retrograde	-10041 Oct 22 j 10:58	20°♍10'51		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10041 Nov 06 j 06:59	15°♍40'02	
asc. node	-10041 Nov 07 j 01:31	15°♍13'12	
min. Earth dist.	-10041 Nov 11 j 17:45	12°♍17'51	0.28146 AU
inferior conj	-10041 Nov 12 j 11:26	11°♍49'15	1°17'05
minimum elong	-10041 Nov 12 j 08:48	11°♍53'32	1°16'34
morning rise	-10041 Nov 18 j 11:35	8°♍06'49	
direct	-10041 Dec 03 j 10:00	3°♍39'28	
greatest brilliancy	-10041 Dec 12 j 07:57	5°♍08'31	-4.8m
	-10040 Jan 17 j 07:24	0°♎	
morning max el	-10040 Jan 21 j 04:08	3°♎37'09	45°58'03
	-10040 Feb 16 j 02:33	0°♏	
desc. node	-10040 Feb 28 j 03:46	13°♏06'59	
	-10040 Mar 14 j 04:48	0°♐	
	-10040 Apr 09 j 00:03	0°♑	
	-10040 May 03 j 23:13	0°♒	
	-10040 May 28 j 08:18	0°♓	
asc. node	-10040 Jun 18 j 17:10	26°♓42'45	
	-10040 Jun 21 j 07:54	0°♈	
greatest brilliancy	-10040 Jul 01 j 03:34	12°♈22'35	-3.9m
	-10040 Jul 15 j 02:06	0°♉	
morning set	-10040 Jul 16 j 04:13	1°♉22'38	
	-10040 Aug 07 j 18:44	0°♊	
superior conj	-10040 Aug 26 j 04:55	23°♊16'22	1°18'10
minimum elong	-10040 Aug 26 j 12:34	23°♊40'28	1°18'35
	-10040 Aug 31 j 13:08	0°♋	
max. Earth dist.	-10040 Sep 01 j 09:31	1°♋04'04	1.71006 AU
	-10040 Sep 24 j 11:33	0°♌	
evening rise	-10040 Oct 08 j 14:16	17°♌34'18	
desc. node	-10040 Oct 09 j 14:06	18°♌48'20	
	-10040 Oct 18 j 14:44	0°♍	
	-10040 Nov 11 j 22:21	0°♎	
	-10040 Dec 06 j 10:22	0°♏	
	-10040 Dec 31 j 04:40	0°♐	
	-10039 Jan 25 j 09:54	0°♑	
asc. node	-10039 Jan 29 j 06:39	4°♑31'36	
	-10039 Feb 20 j 10:18	0°♒	
	-10039 Mar 19 j 22:25	0°♓	
evening max el	-10039 Apr 05 j 11:07	16°♓35'28	45°50'56
	-10039 Apr 20 j 10:45	0°♈	
greatest brilliancy	-10039 May 15 j 02:46	15°♈13'29	-4.8m
desc. node	-10039 May 22 j 10:58	16°♈50'21	
retrograde	-10039 May 24 j 20:52	16°♈57'01	
evening set	-10039 Jun 08 j 20:55	12°♈43'10	
inferior conj	-10039 Jun 14 j 17:15	9°♈23'34	-5°20'01
minimum elong	-10039 Jun 14 j 07:13	9°♈38'26	5°17'31
min. Earth dist.	-10039 Jun 14 j 15:58	9°♈25'29	0.26671 AU
morning rise	-10039 Jun 19 j 17:06	6°♈30'24	
direct	-10039 Jul 05 j 07:46	1°♈49'24	
greatest brilliancy	-10039 Jul 16 j 06:31	4°♈02'45	-4.9m
	-10039 Aug 19 j 22:19	0°♉	
morning max el	-10039 Aug 24 j 23:12	5°♉03'10	46°43'13
asc. node	-10039 Sep 11 j 05:36	23°♉34'12	
	-10039 Sep 16 j 23:03	0°♊	
	-10039 Oct 12 j 18:24	0°♋	
	-10039 Nov 06 j 22:03	0°♌	
	-10039 Dec 01 j 22:03	0°♍	
	-10039 Dec 26 j 21:19	0°♎	
desc. node	-10038 Jan 02 j 04:09	7°♎33'47	
	-10038 Jan 20 j 18:37	0°♏	
	-10038 Feb 14 j 11:45	0°♐	
morning set	-10038 Feb 26 j 05:37	14°♐21'02	
	-10038 Mar 10 j 23:34	0°♑	
max. Earth dist.	-10038 Mar 29 j 02:47	22°♑22'43	1.73006 AU
superior conj	-10038 Apr 02 j 09:21	27°♑40'21	-0°46'24
minimum elong	-10038 Apr 02 j 16:41	28°♑03'01	0°46'38
	-10038 Apr 04 j 06:25	0°♒	
asc. node	-10038 Apr 23 j 16:34	24°♒08'04	
	-10038 Apr 28 j 09:34	0°♓	
evening rise	-10038 May 07 j 23:12	11°♓56'02	
	-10038 May 22 j 10:27	0°♈	
	-10038 Jun 15 j 10:42	0°♉	
	-10038 Jul 09 j 12:17	0°♊	
	-10038 Aug 02 j 17:45	0°♋	
desc. node	-10038 Aug 14 j 16:08	14°♋39'16	
	-10038 Aug 27 j 06:15	0°♌	
	-10038 Sep 21 j 06:36	0°♍	
	-10038 Oct 17 j 06:03	0°♎	
evening max el	-10038 Nov 10 j 18:55	26°♎09'23	45°46'31
	-10038 Nov 14 j 17:02	0°♏	
asc. node	-10038 Dec 04 j 12:00	16°♏58'56	
greatest brilliancy	-10038 Dec 18 j 18:44	25°♏08'56	-4.7m
retrograde	-10038 Dec 30 j 01:00	27°♏29'09	
evening set	-10037 Jan 16 j 05:31	21°♏45'22	
inferior conj	-10037 Jan 20 j 11:11	19°♏06'17	7°48'58
minimum elong	-10037 Jan 20 j 06:44	19°♏13'24	7°48'15
min. Earth dist.	-10037 Jan 20 j 13:45	19°♏02'12	0.29606 AU
morning rise	-10037 Jan 24 j 08:00	16°♏40'20	
direct	-10037 Feb 11 j 08:12	10°♏32'59	
greatest brilliancy	-10037 Feb 21 j 02:18	12°♏15'38	-4.7m
	-10037 Mar 20 j 22:10	0°♐	
desc. node	-10037 Mar 27 j 15:31	5°♐57'29	
morning max el	-10037 Apr 01 j 10:15	10°♐26'06	46°05'10
	-10037 Apr 20 j 16:31	0°♑	
	-10037 May 17 j 13:57	0°♒	
	-10037 Jun 11 j 21:47	0°♓	
	-10037 Jul 06 j 09:10	0°♈	
asc. node	-10037 Jul 17 j 06:37	13°♈34'00	
	-10037 Jul 30 j 09:13	0°♉	
	-10037 Aug 23 j 04:33	0°♊	
	-10037 Sep 16 j 00:14	0°♋	
morning set	-10037 Oct 02 j 17:50	20°♋57'56	
	-10037 Oct 09 j 23:34	0°♌	
	-10037 Nov 03 j 03:31	0°♍	
desc. node	-10037 Nov 07 j 03:14	4°♍55'54	
superior conj	-10037 Nov 13 j 19:31	13°♍10'43	-0°15'02
minimum elong	-10037 Nov 13 j 15:50	12°♍59'21	0°14'38
behind sun begin	-10037 Nov 13 j 04:46	12°♍25'11	
behind sun end	-10037 Nov 14 j 02:54	13°♍33'30	
max. Earth dist.	-10037 Nov 17 j 13:21	17°♍47'45	1.72878 AU
	-10037 Nov 27 j 11:10	0°♎	
	-10037 Dec 21 j 21:00	0°♏	
evening rise	-10037 Dec 23 j 07:15	1°♏45'03	
	-10036 Jan 15 j 08:20	0°♐	
	-10036 Feb 08 j 22:03	0°♑	
asc. node	-10036 Feb 26 j 17:55	21°♑37'51	
	-10036 Mar 04 j 16:18	0°♒	
	-10036 Mar 29 j 17:37	0°♓	
	-10036 Apr 24 j 05:21	0°♈	
	-10036 May 20 j 11:11	0°♉	
	-10036 Jun 17 j 12:01	0°♊	
evening max el	-10036 Jun 18 j 07:58	0°♊50'00	47°33'35
desc. node	-10036 Jun 18 j 21:11	1°♊22'59	
	-10036 Jul 24 j 10:29	0°♋	
greatest brilliancy	-10036 Jul 29 j 21:11	2°♋18'07	-4.9m
retrograde	-10036 Aug 08 j 04:35	3°♋57'31	
	-10036 Aug 22 j 03:33	30°℞♊	
evening set	-10036 Aug 25 j 12:21	28°♊04'53	
inferior conj	-10036 Aug 28 j 20:45	26°♊01'37	-8°06'57
minimum elong	-10036 Aug 29 j 04:43	25°♊49'17	8°05'20
min. Earth dist.	-10036 Aug 28 j 09:34	26°♊18'56	0.26748 AU
morning rise	-10036 Sep 01 j 21:18	23°♊35'31	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10036 Sep 18 j 01:51	18°♊23'28	
greatest brilliancy	-10036 Sep 27 j 18:48	20°♊13'05	-4.9m
asc. node	-10036 Oct 08 j 17:00	25°♊49'01	
	-10036 Oct 14 j 16:13	0°♋	
morning max el	-10036 Nov 07 j 02:56	20°♋59'51	46°20'21
	-10036 Nov 15 j 22:22	0°♌	
	-10036 Dec 13 j 11:46	0°♍	
	-10035 Jan 08 j 20:03	0°♎	
desc. node	-10035 Jan 29 j 17:19	24°♎17'32	
	-10035 Feb 03 j 13:58	0°♏	
	-10035 Feb 28 j 20:29	0°♐	
	-10035 Mar 25 j 16:19	0°♑	
	-10035 Apr 19 j 02:40	0°♒	
morning set	-10035 May 03 j 15:03	18°♒01'11	
	-10035 May 13 j 05:28	0°♓	
asc. node	-10035 May 21 j 05:46	10°♓01'58	
	-10035 Jun 06 j 03:05	0°♈	
max. Earth dist.	-10035 Jun 06 j 08:59	0°♈18'33	1.71264 AU
superior conj	-10035 Jun 09 j 09:40	4°♈07'24	0°42'41
minimum elong	-10035 Jun 09 j 01:37	3°♈42'03	0°42'19
	-10035 Jun 29 j 22:01	0°♉	
evening rise	-10035 Jul 18 j 04:59	23°♉04'25	
	-10035 Jul 23 j 16:54	0°♊	
	-10035 Aug 16 j 14:11	0°♋	
	-10035 Sep 09 j 15:48	0°♌	
desc. node	-10035 Sep 11 j 03:52	1°♌51'49	
	-10035 Oct 03 j 23:06	0°♍	
	-10035 Oct 28 j 13:53	0°♎	
	-10035 Nov 22 j 16:35	0°♏	
	-10035 Dec 18 j 18:29	0°♐	
asc. node	-10035 Dec 31 j 22:12	14°♐23'22	
	-10034 Jan 16 j 02:29	0°♑	
evening max el	-10034 Jan 20 j 17:22	4°♑28'22	44°52'58
	-10034 Feb 23 j 22:26	0°♒	
greatest brilliancy	-10034 Feb 27 j 09:09	1°♒21'33	-4.7m
retrograde	-10034 Mar 09 j 14:04	3°♒11'47	
	-10034 Mar 22 j 14:19	30°℞♑	
evening set	-10034 Mar 25 j 16:06	28°♑24'53	
inferior conj	-10034 Mar 30 j 21:38	25°♑19'40	5°09'48
minimum elong	-10034 Mar 31 j 06:33	25°♑06'03	5°07'17
min. Earth dist.	-10034 Apr 01 j 04:18	24°♑32'50	0.28501 AU
morning rise	-10034 Apr 05 j 20:07	21°♑48'41	
direct	-10034 Apr 21 j 16:19	17°♑06'16	
desc. node	-10034 Apr 24 j 02:38	17°♑12'59	
greatest brilliancy	-10034 May 03 j 05:50	19°♑29'16	-4.8m
	-10034 May 20 j 17:58	0°♒	
morning max el	-10034 Jun 10 j 16:39	18°♒43'21	46°32'05
	-10034 Jun 21 j 15:05	0°♓	
	-10034 Jul 18 j 08:26	0°♈	
	-10034 Aug 12 j 10:28	0°♉	
asc. node	-10034 Aug 13 j 19:33	1°♉40'50	
	-10034 Sep 05 j 19:56	0°♊	
	-10034 Sep 30 j 00:08	0°♋	
	-10034 Oct 24 j 05:25	0°♌	
	-10034 Nov 17 j 14:21	0°♍	
desc. node	-10034 Dec 04 j 16:41	20°♍56'39	
	-10034 Dec 12 j 02:21	0°♎	
morning set	-10034 Dec 17 j 02:20	6°♎06'43	
	-10033 Jan 05 j 15:12	0°♏	
max. Earth dist.	-10033 Jan 22 j 04:21	20°♏15'55	1.73804 AU
superior conj	-10033 Jan 24 j 00:59	22°♏32'42	-1°19'53
minimum elong	-10033 Jan 23 j 22:09	22°♏24'03	1°20'17
	-10033 Jan 30 j 02:51	0°♐	
	-10033 Feb 23 j 12:43	0°♑	
evening rise	-10033 Feb 28 j 15:46	6°♑18'32	
	-10033 Mar 19 j 21:34	0°♒	
asc. node	-10033 Mar 26 j 06:01	7°♒49'06	
	-10033 Apr 13 j 06:41	0°♓	
	-10033 May 07 j 17:15	0°♈	
	-10033 Jun 01 j 06:46	0°♉	
	-10033 Jun 26 j 02:11	0°♊	
desc. node	-10033 Jul 17 j 07:24	25°♊11'54	
	-10033 Jul 21 j 10:00	0°♋	
	-10033 Aug 16 j 21:40	0°♌	
evening max el	-10033 Aug 29 j 23:26	13°♌50'06	47°29'52
	-10033 Sep 15 j 22:04	0°♍	
greatest brilliancy	-10033 Oct 09 j 14:09	15°♍46'39	-4.9m
retrograde	-10033 Oct 20 j 02:55	17°♍55'11	
evening set	-10033 Nov 03 j 23:20	13°♍24'21	
asc. node	-10033 Nov 06 j 03:44	12°♍06'42	
min. Earth dist.	-10033 Nov 09 j 10:24	10°♍02'06	0.28080 AU
inferior conj	-10033 Nov 10 j 03:35	9°♍34'22	0°57'09
minimum elong	-10033 Nov 10 j 01:36	9°♍37'34	0°56'49
morning rise	-10033 Nov 16 j 04:44	5°♍50'26	
direct	-10033 Dec 01 j 00:40	1°♍25'32	
greatest brilliancy	-10033 Dec 10 j 00:17	2°♍55'49	-4.8m
	-10032 Jan 17 j 07:15	0°♎	
morning max el	-10032 Jan 18 j 19:11	1°♎24'56	45°58'23
	-10032 Feb 15 j 18:40	0°♏	
desc. node	-10032 Feb 27 j 05:59	12°♏32'25	
	-10032 Mar 13 j 18:18	0°♐	
	-10032 Apr 08 j 12:19	0°♑	
	-10032 May 03 j 10:50	0°♒	
	-10032 May 27 j 19:36	0°♓	
asc. node	-10032 Jun 17 j 19:15	26°♓14'11	
	-10032 Jun 20 j 19:03	0°♈	
greatest brilliancy	-10032 Jun 30 j 15:07	12°♈23'59	-3.9m
morning set	-10032 Jul 13 j 16:01	28°♈52'54	
	-10032 Jul 14 j 13:14	0°♉	
	-10032 Aug 07 j 05:52	0°♊	
superior conj	-10032 Aug 23 j 13:41	20°♊37'34	1°19'26
minimum elong	-10032 Aug 23 j 20:24	20°♊58'46	1°19'54
max. Earth dist.	-10032 Aug 29 j 09:04	27°♊56'38	1.70962 AU
	-10032 Aug 31 j 00:17	0°♋	
	-10032 Sep 23 j 22:43	0°♌	
evening rise	-10032 Oct 05 j 22:31	14°♌56'13	
desc. node	-10032 Oct 08 j 16:20	18°♌20'39	
	-10032 Oct 18 j 01:54	0°♍	
	-10032 Nov 11 j 09:33	0°♎	
	-10032 Dec 05 j 21:44	0°♏	
	-10032 Dec 30 j 16:28	0°♐	
	-10031 Jan 24 j 22:37	0°♑	
asc. node	-10031 Jan 28 j 08:49	4°♑00'18	
	-10031 Feb 20 j 00:53	0°♒	
	-10031 Mar 19 j 17:19	0°♓	
evening max el	-10031 Apr 03 j 00:30	14°♓15'33	45°47'33
	-10031 Apr 20 j 22:43	0°♈	
greatest brilliancy	-10031 May 12 j 13:18	12°♈46'10	-4.8m
desc. node	-10031 May 21 j 13:08	14°♈30'08	
retrograde	-10031 May 22 j 09:09	14°♈30'56	
evening set	-10031 Jun 06 j 06:11	10°♈20'14	
inferior conj	-10031 Jun 12 j 05:12	6°♈57'19	-5°00'28
minimum elong	-10031 Jun 11 j 19:29	7°♈11'42	4°57'59
min. Earth dist.	-10031 Jun 12 j 04:49	6°♈57'53	0.26701 AU
morning rise	-10031 Jun 17 j 08:23	4°♈00'02	
	-10031 Jun 27 j 07:21	30°℞♓	
direct	-10031 Jul 02 j 20:55	29°♓22'21	
	-10031 Jul 08 j 13:30	0°♈	
greatest brilliancy	-10031 Jul 13 j 20:35	1°♈37'01	-4.9m
	-10031 Aug 19 j 22:50	0°♉	
morning max el	-10031 Aug 22 j 12:59	2°♉37'19	46°43'27

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10031 Sep 10 j 07:58	22°♉50'38	
	-10031 Sep 16 j 16:01	0°♊	
	-10031 Oct 12 j 08:43	0°♋	
	-10031 Nov 06 j 11:01	0°♌	
	-10031 Dec 01 j 10:11	0°♍	
	-10031 Dec 26 j 08:53	0°♎	
desc. node	-10030 Jan 01 j 06:13	7°♎05'32	
	-10030 Jan 20 j 05:45	0°♏	
	-10030 Feb 13 j 22:37	0°♐	
morning set	-10030 Feb 24 j 00:46	12°♐19'35	
	-10030 Mar 10 j 10:20	0°♑	
max. Earth dist.	-10030 Mar 27 j 00:27	20°♑27'54	1.73058 AU
superior conj	-10030 Mar 31 j 04:53	25°♑38'44	-0°48'46
minimum elong	-10030 Mar 31 j 12:22	26°♑01'54	0°49'02
	-10030 Apr 03 j 17:13	0°♒	
asc. node	-10030 Apr 22 j 18:45	23°♒40'58	
	-10030 Apr 27 j 20:29	0°♓	
evening rise	-10030 May 05 j 17:30	9°♓49'07	
	-10030 May 21 j 21:35	0°♈	
	-10030 Jun 14 j 22:04	0°♉	
	-10030 Jul 09 j 00:00	0°♊	
	-10030 Aug 02 j 05:55	0°♋	
desc. node	-10030 Aug 13 j 18:24	14°♋08'18	
	-10030 Aug 26 j 19:01	0°♌	
	-10030 Sep 20 j 20:26	0°♍	
	-10030 Oct 16 j 22:09	0°♎	
evening max el	-10030 Nov 08 j 11:50	23°♎59'02	45°49'55
	-10030 Nov 14 j 16:22	0°♏	
asc. node	-10030 Dec 03 j 14:13	15°♏49'53	
greatest brilliancy	-10030 Dec 16 j 11:49	23°♏02'23	-4.7m
retrograde	-10030 Dec 27 j 19:05	25°♏23'19	
evening set	-10029 Jan 13 j 21:07	19°♏42'13	
inferior conj	-10029 Jan 18 j 04:41	16°♏59'53	7°44'11
minimum elong	-10029 Jan 17 j 23:41	17°♏07'52	7°43'24
min. Earth dist.	-10029 Jan 18 j 05:27	16°♏58'38	0.29590 AU
morning rise	-10029 Jan 22 j 02:21	14°♏32'29	
direct	-10029 Feb 09 j 01:47	8°♏27'00	
greatest brilliancy	-10029 Feb 18 j 16:54	10°♏07'31	-4.7m
	-10029 Mar 21 j 01:36	0°♐	
desc. node	-10029 Mar 26 j 17:47	5°♐07'42	
morning max el	-10029 Mar 30 j 03:05	8°♐19'02	46°04'20
	-10029 Apr 20 j 09:25	0°♑	
	-10029 May 17 j 03:54	0°♒	
	-10029 Jun 11 j 10:29	0°♓	
	-10029 Jul 05 j 21:13	0°♈	
asc. node	-10029 Jul 16 j 08:44	13°♈03'29	
	-10029 Jul 29 j 20:55	0°♉	
	-10029 Aug 22 j 16:01	0°♊	
	-10029 Sep 15 j 11:35	0°♋	
morning set	-10029 Sep 30 j 03:29	18°♋22'57	
	-10029 Oct 09 j 10:47	0°♌	
	-10029 Nov 02 j 14:38	0°♍	
desc. node	-10029 Nov 06 j 05:17	4°♍27'51	
superior conj	-10029 Nov 11 j 06:48	10°♍43'10	-0°11'27
minimum elong	-10029 Nov 11 j 03:59	10°♍34'27	0°11'03
behind sun begin	-10029 Nov 10 j 08:41	9°♍34'52	
behind sun end	-10029 Nov 11 j 23:17	11°♍34'02	
max. Earth dist.	-10029 Nov 15 j 07:56	15°♍42'52	1.72820 AU
	-10029 Nov 26 j 22:13	0°♎	
evening rise	-10029 Dec 20 j 23:20	29°♎33'20	
	-10029 Dec 21 j 08:01	0°♏	
	-10028 Jan 14 j 19:25	0°♐	
	-10028 Feb 08 j 09:24	0°♑	
asc. node	-10028 Feb 25 j 20:17	21°♑09'49	
	-10028 Mar 04 j 04:08	0°♒	
	-10028 Mar 29 j 06:19	0°♓	
	-10028 Apr 23 j 19:33	0°♈	
	-10028 May 20 j 04:09	0°♉	
evening max el	-10028 Jun 15 j 22:22	28°♉26'33	47°30'55
	-10028 Jun 17 j 11:59	0°♊	
desc. node	-10028 Jun 17 j 23:19	0°♊27'58	
greatest brilliancy	-10028 Jul 27 j 10:05	29°♊48'12	-4.9m
	-10028 Jul 28 j 00:22	0°♋	
retrograde	-10028 Aug 05 j 17:15	1°♋26'53	
	-10028 Aug 14 j 01:47	30°℞♊	
evening set	-10028 Aug 23 j 03:41	25°♊31'27	
inferior conj	-10028 Aug 26 j 09:21	23°♊32'15	-8°16'26
minimum elong	-10028 Aug 26 j 16:43	23°♊20'52	8°15'00
min. Earth dist.	-10028 Aug 25 j 22:02	23°♊49'48	0.26721 AU
morning rise	-10028 Aug 30 j 05:57	21°♊11'55	
direct	-10028 Sep 15 j 14:35	15°♊55'14	
greatest brilliancy	-10028 Sep 25 j 07:37	17°♊44'42	-4.9m
asc. node	-10028 Oct 07 j 19:12	24°♊23'04	
	-10028 Oct 15 j 08:38	0°♋	
morning max el	-10028 Nov 04 j 15:55	18°♋34'40	46°21'17
	-10028 Nov 15 j 18:18	0°♌	
	-10028 Dec 13 j 03:08	0°♍	
	-10027 Jan 08 j 09:25	0°♎	
desc. node	-10027 Jan 28 j 19:29	23°♎47'19	
	-10027 Feb 03 j 02:16	0°♏	
	-10027 Feb 28 j 08:07	0°♐	
	-10027 Mar 25 j 03:34	0°♑	
	-10027 Apr 18 j 13:43	0°♒	
morning set	-10027 May 01 j 09:24	15°♒54'36	
	-10027 May 12 j 16:28	0°♓	
asc. node	-10027 May 20 j 07:53	9°♓34'02	
max. Earth dist.	-10027 Jun 03 j 19:46	27°♓46'39	1.71324 AU
	-10027 Jun 05 j 14:09	0°♈	
superior conj	-10027 Jun 07 j 01:17	1°♈50'35	0°39'45
minimum elong	-10027 Jun 06 j 17:41	1°♈26'40	0°39'23
	-10027 Jun 29 j 09:14	0°♉	
evening rise	-10027 Jul 15 j 16:19	20°♉33'08	
	-10027 Jul 23 j 04:17	0°♊	
	-10027 Aug 16 j 01:44	0°♋	
	-10027 Sep 09 j 03:30	0°♌	
desc. node	-10027 Sep 10 j 06:04	1°♌22'21	
	-10027 Oct 03 j 11:04	0°♍	
	-10027 Oct 28 j 02:18	0°♎	
	-10027 Nov 22 j 05:54	0°♏	
	-10027 Dec 18 j 09:51	0°♐	
asc. node	-10027 Dec 31 j 00:26	13°♐43'20	
	-10026 Jan 15 j 23:52	0°♑	
evening max el	-10026 Jan 18 j 07:21	2°♑13'14	44°53'02
greatest brilliancy	-10026 Feb 24 j 23:57	29°♑10'35	-4.7m
	-10026 Feb 27 j 16:29	0°♒	
retrograde	-10026 Mar 07 j 04:53	1°♒01'22	
	-10026 Mar 14 j 11:53	30°℞♑	
evening set	-10026 Mar 23 j 09:52	26°♑10'07	
inferior conj	-10026 Mar 28 j 13:05	23°♑08'03	5°24'26
minimum elong	-10026 Mar 28 j 22:06	22°♑54'16	5°22'00
min. Earth dist.	-10026 Mar 29 j 20:09	22°♑20'32	0.28573 AU
morning rise	-10026 Apr 03 j 09:26	19°♑39'37	
direct	-10026 Apr 19 j 07:45	14°♑53'07	
desc. node	-10026 Apr 23 j 04:42	15°♑09'59	
greatest brilliancy	-10026 Apr 30 j 21:51	17°♑16'09	-4.8m
	-10026 May 21 j 06:04	0°♒	
morning max el	-10026 Jun 08 j 07:11	16°♒24'14	46°31'17
	-10026 Jun 21 j 10:00	0°♓	
	-10026 Jul 17 j 23:31	0°♈	
	-10026 Aug 11 j 23:58	0°♉	
asc. node	-10026 Aug 12 j 21:54	1°♉06'59	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10026 Sep 05 j 08:37	0°♊		
	-10026 Sep 29 j 12:18	0°♋		
	-10026 Oct 23 j 17:14	0°♌		
	-10026 Nov 17 j 01:52	0°♍		
desc. node	-10026 Dec 03 j 18:47	20°♍28'19		
	-10026 Dec 11 j 13:38	0°♎		
morning set	-10026 Dec 14 j 16:38	3°♎49'20		
	-10025 Jan 05 j 02:18	0°♏		
max. Earth dist.	-10025 Jan 19 j 23:57	18°♏15'05	1.73802 AU	
superior conj	-10025 Jan 21 j 19:05	20°♏27'16	-1°19'20	
minimum elong	-10025 Jan 21 j 15:39	20°♏16'45	1°19'42	
	-10025 Jan 29 j 13:52	0°♐		
	-10025 Feb 22 j 23:47	0°♑		
evening rise	-10025 Feb 26 j 11:24	4°♑17'09		
	-10025 Mar 19 j 08:49	0°♒		
asc. node	-10025 Mar 25 j 08:12	7°♒21'04		
	-10025 Apr 12 j 18:15	0°♓		
	-10025 May 07 j 05:18	0°♈		
	-10025 May 31 j 19:28	0°♉		
	-10025 Jun 25 j 15:51	0°♊		
desc. node	-10025 Jul 16 j 09:40	24°♊34'46		
	-10025 Jul 21 j 01:19	0°♋		
	-10025 Aug 16 j 16:35	0°♌		
evening max el	-10025 Aug 27 j 14:09	11°♌28'25	47°32'16	
	-10025 Sep 16 j 07:00	0°♍		
greatest brilliancy	-10025 Oct 07 j 07:45	13°♍30'03	-4.9m	
retrograde	-10025 Oct 17 j 18:58	15°♍37'42		
evening set	-10025 Nov 01 j 15:38	11°♍06'20		
asc. node	-10025 Nov 05 j 05:57	8°♍55'58		
min. Earth dist.	-10025 Nov 07 j 02:39	7°♍44'34	0.28017 AU	
inferior conj	-10025 Nov 07 j 19:30	7°♍17'25	0°36'49	
minimum elong	-10025 Nov 07 j 18:13	7°♍19'29	0°36'42	
morning rise	-10025 Nov 13 j 21:37	3°♍32'26		
	-10025 Nov 22 j 05:50	30°℞♌		
direct	-10025 Nov 28 j 15:16	29°♌09'29		
	-10025 Dec 05 j 06:42	0°♍		
greatest brilliancy	-10025 Dec 07 j 16:14	0°♍41'05	-4.8m	
morning max el	-10024 Jan 16 j 10:52	29°♍13'03	45°58'49	
	-10024 Jan 17 j 06:33	0°♎		
	-10024 Feb 15 j 10:52	0°♏		
desc. node	-10024 Feb 26 j 08:14	11°♏57'18		
	-10024 Mar 13 j 07:59	0°♐		
	-10024 Apr 08 j 00:49	0°♑		
	-10024 May 02 j 22:44	0°♒		
	-10024 May 27 j 07:11	0°♓		
asc. node	-10024 Jun 16 j 21:26	25°♓45'03		
	-10024 Jun 20 j 06:30	0°♈		
greatest brilliancy	-10024 Jun 30 j 01:42	12°♈21'25	-3.9m	
morning set	-10024 Jul 11 j 04:30	26°♈24'33		
	-10024 Jul 14 j 00:36	0°♉		
	-10024 Aug 06 j 17:13	0°♊		
superior conj	-10024 Aug 20 j 22:54	17°♊59'20	1°20'31	
minimum elong	-10024 Aug 21 j 04:39	18°♊17'30	1°21'01	
max. Earth dist.	-10024 Aug 26 j 12:18	24°♊59'52	1.70924 AU	
	-10024 Aug 30 j 11:40	0°♋		
	-10024 Sep 23 j 10:09	0°♌		
evening rise	-10024 Oct 03 j 06:46	12°♌17'06		
desc. node	-10024 Oct 07 j 18:22	17°♌51'25		
	-10024 Oct 17 j 13:23	0°♍		
	-10024 Nov 10 j 21:06	0°♎		
	-10024 Dec 05 j 09:29	0°♏		
	-10024 Dec 30 j 04:40	0°♐		
	-10023 Jan 24 j 11:46	0°♑		
asc. node	-10023 Jan 27 j 11:11	3°♑28'24		
	-10023 Feb 19 j 16:01	0°♒		
	-10023 Mar 19 j 13:09	0°♓		
evening max el	-10023 Mar 31 j 14:41	11°♓56'50	45°44'13	
	-10023 Apr 21 j 15:07	0°♈		
greatest brilliancy	-10023 May 09 j 23:51	10°♈18'19	-4.8m	
retrograde	-10023 May 19 j 21:34	12°♈04'01		
desc. node	-10023 May 20 j 15:24	12°♈03'23		
evening set	-10023 Jun 03 j 15:47	7°♈56'30		
inferior conj	-10023 Jun 09 j 17:10	4°♈30'19	-4°40'25	
minimum elong	-10023 Jun 09 j 07:50	4°♈44'06	4°37'59	
min. Earth dist.	-10023 Jun 09 j 17:36	4°♈29'40	0.26732 AU	
morning rise	-10023 Jun 14 j 23:33	1°♈28'56		
	-10023 Jun 17 j 21:46	30°℞♓		
direct	-10023 Jun 30 j 10:23	26°♓54'44		
greatest brilliancy	-10023 Jul 11 j 10:00	29°♓09'43	-4.9m	
	-10023 Jul 13 j 09:52	0°♈		
	-10023 Aug 19 j 22:33	0°♉		
morning max el	-10023 Aug 20 j 02:45	0°♉10'43	46°43'47	
asc. node	-10023 Sep 09 j 10:08	22°♉06'15		
	-10023 Sep 16 j 08:55	0°♊		
	-10023 Oct 11 j 23:08	0°♋		
	-10023 Nov 06 j 00:11	0°♌		
	-10023 Nov 30 j 22:35	0°♍		
	-10023 Dec 25 j 20:44	0°♎		
desc. node	-10023 Dec 31 j 08:24	6°♎36'41		
	-10022 Jan 19 j 17:13	0°♏		
	-10022 Feb 13 j 09:49	0°♐		
morning set	-10022 Feb 21 j 19:43	10°♐16'37		
	-10022 Mar 09 j 21:24	0°♑		
max. Earth dist.	-10022 Mar 24 j 21:14	18°♑29'34	1.73106 AU	
superior conj	-10022 Mar 29 j 00:21	23°♑36'05	-0°51'05	
minimum elong	-10022 Mar 29 j 07:58	23°♑59'40	0°51'22	
	-10022 Apr 03 j 04:18	0°♒		
asc. node	-10022 Apr 21 j 20:50	23°♒12'41		
	-10022 Apr 27 j 07:42	0°♓		
evening rise	-10022 May 03 j 11:53	7°♓41'37		
	-10022 May 21 j 09:01	0°♈		
	-10022 Jun 14 j 09:48	0°♉		
	-10022 Jul 08 j 12:04	0°♊		
	-10022 Aug 01 j 18:24	0°♋		
desc. node	-10022 Aug 12 j 20:40	13°♋36'21		
	-10022 Aug 26 j 08:06	0°♌		
	-10022 Sep 20 j 10:35	0°♍		
	-10022 Oct 16 j 14:43	0°♎		
evening max el	-10022 Nov 06 j 04:33	21°♎47'24	45°53'13	
	-10022 Nov 14 j 17:03	0°♏		
asc. node	-10022 Dec 02 j 16:29	14°♏38'15		
greatest brilliancy	-10022 Dec 14 j 05:36	20°♏55'54	-4.7m	
retrograde	-10022 Dec 25 j 12:49	23°♏16'42		
evening set	-10021 Jan 11 j 12:45	17°♏38'38		
inferior conj	-10021 Jan 15 j 22:17	14°♏52'51	7°38'51	
minimum elong	-10021 Jan 15 j 16:47	15°♏01'41	7°37'59	
min. Earth dist.	-10021 Jan 15 j 21:34	14°♏54'01	0.29572 AU	
morning rise	-10021 Jan 19 j 20:58	12°♏23'38		
direct	-10021 Feb 06 j 19:23	6°♏20'28		
greatest brilliancy	-10021 Feb 16 j 07:53	7°♏58'55	-4.7m	
	-10021 Mar 21 j 03:55	0°♐		
desc. node	-10021 Mar 25 j 19:50	4°♐17'21		
morning max el	-10021 Mar 27 j 19:11	6°♐09'20	46°03'30	
	-10021 Apr 20 j 02:18	0°♑		
	-10021 May 16 j 18:00	0°♒		
	-10021 Jun 10 j 23:20	0°♓		
	-10021 Jul 05 j 09:27	0°♈		
asc. node	-10021 Jul 15 j 10:59	12°♈32'45		
	-10021 Jul 29 j 08:48	0°♉		
	-10021 Aug 22 j 03:44	0°♊		
	-10021 Sep 14 j 23:09	0°♋		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10021 Sep 27 j 13:21	15°♋47'45	
	-10021 Oct 08 j 22:13	0°♌	
	-10021 Nov 02 j 01:55	0°♍	
desc. node	-10021 Nov 05 j 07:25	3°♍59'35	
superior conj	-10021 Nov 08 j 18:15	8°♍15'29	-0°07'49
minimum elong	-10021 Nov 08 j 16:19	8°♍09'31	0°07'27
behind sun begin	-10021 Nov 07 j 16:47	6°♍56'48	
behind sun end	-10021 Nov 09 j 15:51	9°♍22'12	
max. Earth dist.	-10021 Nov 13 j 04:04	13°♍42'10	1.72758 AU
	-10021 Nov 26 j 09:24	0°♎	
evening rise	-10021 Dec 18 j 15:28	27°♎21'14	
	-10021 Dec 20 j 19:12	0°♏	
	-10020 Jan 14 j 06:43	0°♐	
	-10020 Feb 07 j 20:57	0°♑	
asc. node	-10020 Feb 24 j 22:26	20°♑40'26	
	-10020 Mar 03 j 16:14	0°♒	
	-10020 Mar 28 j 19:19	0°♓	
	-10020 Apr 23 j 10:06	0°♈	
	-10020 May 19 j 21:39	0°♉	
evening max el	-10020 Jun 13 j 11:36	25°♉59'43	47°28'07
desc. node	-10020 Jun 17 j 01:37	29°♉31'45	
	-10020 Jun 17 j 13:15	0°♊	
greatest brilliancy	-10020 Jul 24 j 23:27	27°♊18'21	-4.9m
retrograde	-10020 Aug 03 j 05:23	28°♊55'51	
evening set	-10020 Aug 20 j 18:49	22°♊57'53	
inferior conj	-10020 Aug 23 j 21:59	21°♊02'33	-8°25'02
minimum elong	-10020 Aug 24 j 04:40	20°♊52'13	8°23'45
min. Earth dist.	-10020 Aug 23 j 10:52	21°♊19'46	0.26697 AU
morning rise	-10020 Aug 27 j 14:42	18°♊47'52	
direct	-10020 Sep 13 j 02:52	13°♊26'22	
greatest brilliancy	-10020 Sep 22 j 21:04	15°♊16'26	-4.9m
asc. node	-10020 Oct 06 j 21:23	22°♊59'23	
	-10020 Oct 15 j 21:09	0°♋	
morning max el	-10020 Nov 02 j 04:14	16°♋07'05	46°22'26
	-10020 Nov 15 j 13:47	0°♌	
	-10020 Dec 12 j 18:23	0°♍	
	-10019 Jan 07 j 22:45	0°♎	
desc. node	-10019 Jan 27 j 21:41	23°♎17'07	
	-10019 Feb 02 j 14:33	0°♏	
	-10019 Feb 27 j 19:48	0°♐	
	-10019 Mar 24 j 14:53	0°♑	
	-10019 Apr 18 j 00:52	0°♒	
morning set	-10019 Apr 29 j 03:50	13°♒48'00	
	-10019 May 12 j 03:35	0°♓	
asc. node	-10019 May 19 j 10:07	9°♓06'11	
max. Earth dist.	-10019 Jun 01 j 09:00	25°♓22'12	1.71383 AU
superior conj	-10019 Jun 04 j 17:03	29°♓33'59	0°36'46
minimum elong	-10019 Jun 04 j 09:56	29°♓11'36	0°36'23
	-10019 Jun 05 j 01:19	0°♈	
	-10019 Jun 28 j 20:31	0°♉	
evening rise	-10019 Jul 13 j 04:00	18°♉02'56	
	-10019 Jul 22 j 15:43	0°♊	
	-10019 Aug 15 j 13:19	0°♋	
	-10019 Sep 08 j 15:18	0°♌	
desc. node	-10019 Sep 09 j 08:07	0°♌52'08	
	-10019 Oct 02 j 23:07	0°♍	
	-10019 Oct 27 j 14:49	0°♎	
	-10019 Nov 21 j 19:20	0°♏	
	-10019 Dec 18 j 01:24	0°♐	
asc. node	-10019 Dec 30 j 02:49	13°♐03'25	
	-10018 Jan 15 j 21:57	0°♑	
evening max el	-10018 Jan 15 j 21:33	29°♐59'01	44°53'19
greatest brilliancy	-10018 Feb 22 j 14:12	26°♑59'41	-4.7m
retrograde	-10018 Mar 04 j 20:20	28°♑51'51	
evening set	-10018 Mar 21 j 03:48	23°♑56'02	
inferior conj	-10018 Mar 26 j 04:43	20°♑57'06	5°38'29
minimum elong	-10018 Mar 26 j 13:46	20°♑43'14	5°36'06
min. Earth dist.	-10018 Mar 27 j 11:53	20°♑09'26	0.28649 AU
morning rise	-10018 Mar 31 j 22:53	17°♑31'33	
direct	-10018 Apr 16 j 23:36	12°♑40'34	
desc. node	-10018 Apr 22 j 06:59	13°♑12'01	
greatest brilliancy	-10018 Apr 28 j 14:00	15°♑03'45	-4.8m
	-10018 May 21 j 15:03	0°♒	
morning max el	-10018 Jun 05 j 22:53	14°♒08'14	46°30'24
	-10018 Jun 21 j 04:28	0°♓	
	-10018 Jul 17 j 14:25	0°♈	
	-10018 Aug 11 j 13:21	0°♉	
asc. node	-10018 Aug 12 j 00:03	0°♉32'44	
	-10018 Sep 04 j 21:11	0°♊	
	-10018 Sep 29 j 00:22	0°♋	
	-10018 Oct 23 j 04:57	0°♌	
	-10018 Nov 16 j 13:19	0°♍	
desc. node	-10018 Dec 02 j 20:58	20°♍00'29	
	-10018 Dec 11 j 00:51	0°♎	
morning set	-10018 Dec 12 j 06:48	1°♎31'38	
	-10017 Jan 04 j 13:19	0°♏	
max. Earth dist.	-10017 Jan 17 j 20:22	16°♏17'07	1.73795 AU
superior conj	-10017 Jan 19 j 13:13	18°♏22'16	-1°18'40
minimum elong	-10017 Jan 19 j 09:11	18°♏09'54	1°19'01
	-10017 Jan 29 j 00:46	0°♐	
	-10017 Feb 22 j 10:42	0°♑	
evening rise	-10017 Feb 24 j 07:14	2°♑16'57	
greatest brilliancy	-10017 Feb 24 j 20:43	2°♑58'25	-3.9m
	-10017 Mar 18 j 19:55	0°♒	
asc. node	-10017 Mar 24 j 10:21	6°♒53'21	
	-10017 Apr 12 j 05:43	0°♓	
	-10017 May 06 j 17:17	0°♈	
	-10017 May 31 j 08:08	0°♉	
	-10017 Jun 25 j 05:32	0°♊	
desc. node	-10017 Jul 15 j 11:55	23°♊57'32	
	-10017 Jul 20 j 16:44	0°♋	
	-10017 Aug 16 j 11:53	0°♌	
evening max el	-10017 Aug 25 j 05:33	9°♌08'52	47°34'42
	-10017 Sep 16 j 18:45	0°♍	
greatest brilliancy	-10017 Oct 05 j 00:44	11°♍12'57	-4.9m
retrograde	-10017 Oct 15 j 11:29	13°♍20'18	
evening set	-10017 Oct 30 j 08:00	8°♍48'05	
asc. node	-10017 Nov 04 j 08:18	5°♍43'42	
inferior conj	-10017 Nov 05 j 11:17	5°♍00'21	0°16'11
minimum elong	-10017 Nov 05 j 10:43	5°♍01'17	0°16'19
transit middle	-10017 Nov 05 j 10:43	5°♍01'17	0°16'19
transit begin	-10017 Nov 05 j 09:59	5°♍02'26	
transit end	-10017 Nov 05 j 11:26	5°♍00'07	
min. Earth dist.	-10017 Nov 04 j 18:28	5°♍27'22	0.27955 AU
morning rise	-10017 Nov 11 j 14:17	1°♍14'43	
	-10017 Nov 13 j 23:00	30°℞♌	
direct	-10017 Nov 26 j 06:09	26°♌53'23	
greatest brilliancy	-10017 Dec 05 j 07:39	28°♌25'51	-4.8m
	-10017 Dec 09 j 09:14	0°♍	
morning max el	-10016 Jan 14 j 03:21	27°♍03'28	45°59'18
	-10016 Jan 17 j 04:44	0°♎	
	-10016 Feb 15 j 02:36	0°♏	
desc. node	-10016 Feb 25 j 10:14	11°♏22'16	
	-10016 Mar 12 j 21:19	0°♐	
	-10016 Apr 07 j 13:01	0°♑	
	-10016 May 02 j 10:20	0°♒	
	-10016 May 26 j 18:30	0°♓	
asc. node	-10016 Jun 15 j 23:41	25°♓16'50	
	-10016 Jun 19 j 17:43	0°♈	
greatest brilliancy	-10016 Jun 29 j 09:42	12°♈11'20	-3.9m
morning set	-10016 Jul 08 j 17:01	23°♈56'52	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10016 Jul 13 j 11:48	0°♉	
	-10016 Aug 06 j 04:27	0°♊	
superior conj	-10016 Aug 18 j 07:54	15°♊20'50	1°21'26
minimum elong	-10016 Aug 18 j 12:38	15°♊35'43	1°21'55
max. Earth dist.	-10016 Aug 23 j 16:59	22°♊07'55	1.70888 AU
	-10016 Aug 29 j 22:55	0°♋	
	-10016 Sep 22 j 21:24	0°♌	
evening rise	-10016 Sep 30 j 14:30	9°♌36'51	
desc. node	-10016 Oct 06 j 20:34	17°♌23'18	
	-10016 Oct 17 j 00:40	0°♍	
	-10016 Nov 10 j 08:29	0°♎	
	-10016 Dec 04 j 21:04	0°♏	
	-10016 Dec 29 j 16:43	0°♐	
	-10015 Jan 24 j 00:48	0°♑	
asc. node	-10015 Jan 26 j 13:23	2°♑56'28	
	-10015 Feb 19 j 07:04	0°♒	
	-10015 Mar 19 j 09:11	0°♓	
evening max el	-10015 Mar 29 j 05:16	9°♓40'22	45°40'59
	-10015 Apr 22 j 12:06	0°♈	
greatest brilliancy	-10015 May 07 j 11:02	7°♈52'59	-4.8m
retrograde	-10015 May 17 j 09:47	9°♈38'50	
desc. node	-10015 May 19 j 17:38	9°♈32'33	
evening set	-10015 Jun 01 j 01:55	5°♈34'26	
inferior conj	-10015 Jun 07 j 05:20	2°♈05'13	-4°20'00
minimum elong	-10015 Jun 06 j 20:30	2°♈18'18	4°17'39
min. Earth dist.	-10015 Jun 07 j 06:48	2°♈03'04	0.26766 AU
	-10015 Jun 10 j 19:06	30°♓℞	
morning rise	-10015 Jun 12 j 14:45	28°♓59'38	
direct	-10015 Jun 27 j 24:00	24°♓29'04	
greatest brilliancy	-10015 Jul 08 j 23:32	26°♓43'52	-4.9m
	-10015 Jul 15 j 17:15	0°♈	
morning max el	-10015 Aug 17 j 15:57	27°♈43'26	46°43'49
	-10015 Aug 19 j 21:02	0°♉	
asc. node	-10015 Sep 08 j 12:18	21°♉23'00	
	-10015 Sep 16 j 01:21	0°♊	
	-10015 Oct 11 j 13:16	0°♋	
	-10015 Nov 05 j 13:05	0°♌	
	-10015 Nov 30 j 10:42	0°♍	
	-10015 Dec 25 j 08:18	0°♎	
desc. node	-10015 Dec 30 j 10:32	6°♎08'29	
	-10014 Jan 19 j 04:24	0°♏	
	-10014 Feb 12 j 20:46	0°♐	
morning set	-10014 Feb 19 j 14:37	8°♐14'17	
	-10014 Mar 09 j 08:15	0°♑	
max. Earth dist.	-10014 Mar 22 j 16:17	16°♑26'43	1.73149 AU
superior conj	-10014 Mar 26 j 20:02	21°♑35'02	-0°53'20
minimum elong	-10014 Mar 27 j 03:44	21°♑58'51	0°53'37
	-10014 Apr 02 j 15:08	0°♒	
asc. node	-10014 Apr 20 j 23:10	22°♒46'08	
	-10014 Apr 26 j 18:37	0°♓	
evening rise	-10014 May 01 j 06:35	5°♓36'10	
	-10014 May 20 j 20:07	0°♈	
	-10014 Jun 13 j 21:11	0°♉	
	-10014 Jul 07 j 23:50	0°♊	
	-10014 Aug 01 j 06:39	0°♋	
desc. node	-10014 Aug 11 j 22:42	13°♋04'27	
	-10014 Aug 25 j 21:01	0°♌	
	-10014 Sep 20 j 00:41	0°♍	
	-10014 Oct 16 j 07:26	0°♎	
evening max el	-10014 Nov 03 j 20:21	19°♎33'41	45°56'37
	-10014 Nov 14 j 18:52	0°♏	
asc. node	-10014 Dec 01 j 18:49	13°♏24'56	
greatest brilliancy	-10014 Dec 11 j 23:48	18°♏49'58	-4.7m
retrograde	-10014 Dec 23 j 06:05	21°♏10'10	
evening set	-10013 Jan 09 j 04:09	15°♏35'20	
inferior conj	-10013 Jan 13 j 15:46	12°♏46'02	7°32'52
minimum elong	-10013 Jan 13 j 09:48	12°♏55'38	7°31'55
min. Earth dist.	-10013 Jan 13 j 13:55	12°♏49'01	0.29549 AU
morning rise	-10013 Jan 17 j 15:36	10°♏14'42	
direct	-10013 Feb 04 j 12:20	4°♏14'05	
greatest brilliancy	-10013 Feb 13 j 23:13	5°♏50'56	-4.7m
	-10013 Mar 21 j 04:41	0°♐	
desc. node	-10013 Mar 24 j 22:07	3°♐28'59	
morning max el	-10013 Mar 25 j 10:32	3°♐58'30	46°02'51
	-10013 Apr 19 j 18:37	0°♑	
	-10013 May 16 j 07:41	0°♒	
	-10013 Jun 10 j 11:49	0°♓	
	-10013 Jul 04 j 21:18	0°♈	
asc. node	-10013 Jul 14 j 13:09	12°♈02'55	
	-10013 Jul 28 j 20:20	0°♉	
	-10013 Aug 21 j 15:06	0°♊	
	-10013 Sep 14 j 10:26	0°♋	
morning set	-10013 Sep 24 j 22:58	13°♋12'27	
	-10013 Oct 08 j 09:24	0°♌	
	-10013 Nov 01 j 13:00	0°♍	
desc. node	-10013 Nov 04 j 09:38	3°♍32'14	
superior conj	-10013 Nov 06 j 05:06	5°♍46'34	-0°04'08
minimum elong	-10013 Nov 06 j 04:06	5°♍43'28	0°03'48
behind sun begin	-10013 Nov 05 j 02:21	4°♍23'53	
behind sun end	-10013 Nov 07 j 05:52	7°♍03'03	
max. Earth dist.	-10013 Nov 10 j 22:00	11°♍35'14	1.72695 AU
	-10013 Nov 25 j 20:25	0°♎	
evening rise	-10013 Dec 16 j 06:55	25°♎07'31	
	-10013 Dec 20 j 06:12	0°♏	
	-10012 Jan 13 j 17:48	0°♐	
	-10012 Feb 07 j 08:20	0°♑	
asc. node	-10012 Feb 24 j 00:37	20°♑11'39	
	-10012 Mar 03 j 04:10	0°♒	
	-10012 Mar 28 j 08:12	0°♓	
	-10012 Apr 23 j 00:35	0°♈	
	-10012 May 19 j 15:13	0°♉	
evening max el	-10012 Jun 11 j 00:04	23°♉32'09	47°25'26
desc. node	-10012 Jun 16 j 03:51	28°♉35'14	
	-10012 Jun 17 j 15:22	0°♊	
greatest brilliancy	-10012 Jul 22 j 13:00	24°♊50'09	-4.9m
retrograde	-10012 Jul 31 j 17:32	26°♊26'38	
evening set	-10012 Aug 18 j 09:45	20°♊26'20	
inferior conj	-10012 Aug 21 j 10:46	18°♊34'31	-8°32'27
minimum elong	-10012 Aug 21 j 16:44	18°♊25'18	8°31'21
min. Earth dist.	-10012 Aug 20 j 23:54	18°♊51'19	0.26676 AU
morning rise	-10012 Aug 24 j 23:49	16°♊25'19	
direct	-10012 Sep 10 j 14:56	10°♊58'54	
greatest brilliancy	-10012 Sep 20 j 10:55	12°♊50'07	-4.9m
asc. node	-10012 Oct 05 j 23:46	21°♊40'00	
	-10012 Oct 16 j 05:59	0°♋	
morning max el	-10012 Oct 30 j 16:54	13°♋40'59	46°23'21
	-10012 Nov 15 j 08:28	0°♌	
	-10012 Dec 12 j 09:15	0°♍	
	-10011 Jan 07 j 11:52	0°♎	
desc. node	-10011 Jan 26 j 23:44	22°♎46'58	
	-10011 Feb 02 j 02:39	0°♏	
	-10011 Feb 27 j 07:18	0°♐	
	-10011 Mar 24 j 02:02	0°♑	
	-10011 Apr 17 j 11:50	0°♒	
morning set	-10011 Apr 26 j 22:08	11°♒41'36	
	-10011 May 11 j 14:32	0°♓	
asc. node	-10011 May 18 j 12:18	8°♓38'40	
max. Earth dist.	-10011 May 29 j 23:14	23°♓01'25	1.71439 AU
superior conj	-10011 Jun 02 j 08:53	27°♓18'07	0°33'44
minimum elong	-10011 Jun 02 j 02:16	26°♓57'21	0°33'21

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10011 Jun 04 j 12:20	0°♈		
	-10011 Jun 28 j 07:39	0°♉		
evening rise	-10011 Jul 10 j 16:08	15°♉34'42		
	-10011 Jul 22 j 02:57	0°♊		
	-10011 Aug 15 j 00:41	0°♋		
desc. node	-10011 Sep 08 j 10:23	0°♌23'24		
	-10011 Sep 08 j 02:50	0°♌		
	-10011 Oct 02 j 10:57	0°♍		
	-10011 Oct 27 j 03:09	0°♎		
	-10011 Nov 21 j 08:41	0°♏		
	-10011 Dec 17 j 17:04	0°♐		
asc. node	-10011 Dec 29 j 05:00	12°♐22'38		
evening max el	-10010 Jan 13 j 12:35	27°♐46'55	44°53'43	
	-10010 Jan 15 j 20:56	0°♑		
greatest brilliancy	-10010 Feb 20 j 03:56	24°♑48'16	-4.7m	
retrograde	-10010 Mar 02 j 12:04	26°♑42'12		
evening set	-10010 Mar 18 j 21:40	21°♑41'51		
inferior conj	-10010 Mar 23 j 20:15	18°♑45'58	5°52'00	
minimum elong	-10010 Mar 24 j 05:18	18°♑32'06	5°49'40	
min. Earth dist.	-10010 Mar 25 j 03:07	17°♑58'45	0.28724 AU	
morning rise	-10010 Mar 29 j 12:08	15°♑23'34		
direct	-10010 Apr 14 j 15:50	10°♑27'59		
desc. node	-10010 Apr 21 j 09:15	11°♑18'11		
greatest brilliancy	-10010 Apr 26 j 05:22	12°♑50'41	-4.8m	
	-10010 May 21 j 21:34	0°♒		
morning max el	-10010 Jun 03 j 15:21	11°♒54'33	46°29'29	
	-10010 Jun 20 j 22:28	0°♓		
	-10010 Jul 17 j 05:06	0°♈		
asc. node	-10010 Aug 11 j 02:10	29°♈58'49		
	-10010 Aug 11 j 02:33	0°♉		
	-10010 Sep 04 j 09:35	0°♊		
	-10010 Sep 28 j 12:15	0°♋		
	-10010 Oct 22 j 16:29	0°♌		
	-10010 Nov 16 j 00:35	0°♍		
desc. node	-10010 Dec 01 j 23:03	19°♍32'47		
morning set	-10010 Dec 09 j 21:01	29°♍14'23		
	-10010 Dec 10 j 11:56	0°♎		
	-10009 Jan 04 j 00:15	0°♏		
max. Earth dist.	-10009 Jan 15 j 17:54	14°♏22'37	1.73793 AU	
superior conj	-10009 Jan 17 j 07:09	16°♏16'49	-1°17'53	
minimum elong	-10009 Jan 17 j 02:32	16°♏02'40	1°18'12	
	-10009 Jan 28 j 11:38	0°♐		
	-10009 Feb 21 j 21:37	0°♑		
evening rise	-10009 Feb 22 j 02:51	0°♑16'06		
greatest brilliancy	-10009 Feb 23 j 13:43	2°♑03'16	-3.9m	
	-10009 Mar 18 j 07:02	0°♒		
asc. node	-10009 Mar 23 j 12:39	6°♒26'05		
	-10009 Apr 11 j 17:12	0°♓		
	-10009 May 06 j 05:18	0°♈		
	-10009 May 30 j 20:53	0°♉		
	-10009 Jun 24 j 19:21	0°♊		
desc. node	-10009 Jul 14 j 14:02	23°♊19'28		
	-10009 Jul 20 j 08:23	0°♋		
	-10009 Aug 16 j 07:43	0°♌		
evening max el	-10009 Aug 22 j 22:09	6°♌52'27	47°37'07	
	-10009 Sep 17 j 10:19	0°♍		
greatest brilliancy	-10009 Oct 02 j 17:40	8°♍56'06	-4.9m	
retrograde	-10009 Oct 13 j 04:22	11°♍03'09		
evening set	-10009 Oct 28 j 00:39	6°♍30'10		
min. Earth dist.	-10009 Nov 02 j 10:09	3°♍10'55	0.27889 AU	
inferior conj	-10009 Nov 03 j 03:09	2°♍43'40	-0°04'26	
minimum elong	-10009 Nov 03 j 03:17	2°♍43'26	0°04'04	
transit middle	-10009 Nov 03 j 03:17	2°♍43'26	0°04'04	
transit begin	-10009 Nov 02 j 23:24	2°♍49'40		
transit end	-10009 Nov 03 j 07:10	2°♍37'12		
asc. node	-10009 Nov 03 j 10:32	2°♍31'49		
	-10009 Nov 07 j 11:42	30°℞♌		
morning rise	-10009 Nov 09 j 06:52	28°♌57'36		
direct	-10009 Nov 23 j 21:34	24°♌37'55		
greatest brilliancy	-10009 Dec 02 j 22:34	26°♌10'33	-4.8m	
	-10009 Dec 11 j 11:56	0°♍		
morning max el	-10008 Jan 11 j 20:00	24°♍54'34	45°59'38	
	-10008 Jan 17 j 01:58	0°♎		
	-10008 Feb 14 j 18:03	0°♏		
desc. node	-10008 Feb 24 j 12:30	10°♏48'11		
	-10008 Mar 12 j 10:36	0°♐		
	-10008 Apr 07 j 01:15	0°♑		
	-10008 May 01 j 22:02	0°♒		
	-10008 May 26 j 05:56	0°♓		
asc. node	-10008 Jun 15 j 01:46	24°♓47'52		
	-10008 Jun 19 j 05:01	0°♈		
greatest brilliancy	-10008 Jun 28 j 12:37	11°♈44'53	-3.9m	
morning set	-10008 Jul 06 j 05:33	21°♈29'08		
	-10008 Jul 12 j 23:04	0°♉		
	-10008 Aug 05 j 15:44	0°♊		
superior conj	-10008 Aug 15 j 17:03	12°♊42'28	1°22'09	
minimum elong	-10008 Aug 15 j 20:42	12°♊53'56	1°22'40	
max. Earth dist.	-10008 Aug 20 j 22:00	19°♊16'41	1.70852 AU	
	-10008 Aug 29 j 10:15	0°♋		
	-10008 Sep 22 j 08:47	0°♌		
evening rise	-10008 Sep 27 j 22:11	6°♌55'54		
desc. node	-10008 Oct 05 j 22:47	16°♌54'52		
	-10008 Oct 16 j 12:03	0°♍		
	-10008 Nov 09 j 19:54	0°♎		
	-10008 Dec 04 j 08:41	0°♏		
	-10008 Dec 29 j 04:50	0°♐		
	-10007 Jan 23 j 13:57	0°♑		
asc. node	-10007 Jan 25 j 15:36	2°♑24'18		
	-10007 Feb 18 j 22:26	0°♒		
	-10007 Mar 19 j 06:04	0°♓		
evening max el	-10007 Mar 26 j 19:36	7°♓22'47	45°37'36	
	-10007 Apr 23 j 17:09	0°♈		
greatest brilliancy	-10007 May 04 j 22:57	5°♈27'58	-4.8m	
retrograde	-10007 May 14 j 21:25	7°♈13'09		
desc. node	-10007 May 18 j 19:48	6°♈55'15		
evening set	-10007 May 29 j 12:17	3°♈11'38		
	-10007 Jun 04 j 03:57	30°℞♓		
inferior conj	-10007 Jun 04 j 17:34	29°♓39'49	-3°59'01	
minimum elong	-10007 Jun 04 j 09:16	29°♓52'07	3°56'49	
min. Earth dist.	-10007 Jun 04 j 20:28	29°♓35'30	0.26801 AU	
morning rise	-10007 Jun 10 j 05:50	26°♓30'01		
direct	-10007 Jun 25 j 13:09	22°♓02'57		
greatest brilliancy	-10007 Jul 06 j 13:36	24°♓18'02	-4.9m	
	-10007 Jul 17 j 05:43	0°♈		
morning max el	-10007 Aug 15 j 04:07	25°♈12'56	46°43'51	
	-10007 Aug 19 j 18:53	0°♉		
asc. node	-10007 Sep 07 j 14:41	20°♉40'19		
	-10007 Sep 15 j 17:41	0°♊		
	-10007 Oct 11 j 03:25	0°♋		
	-10007 Nov 05 j 02:05	0°♌		
	-10007 Nov 29 j 22:56	0°♍		
	-10007 Dec 24 j 19:59	0°♎		
desc. node	-10007 Dec 29 j 12:36	5°♎39'41		
	-10006 Jan 18 j 15:42	0°♏		
	-10006 Feb 12 j 07:49	0°♐		
morning set	-10006 Feb 17 j 09:45	6°♐12'25		
	-10006 Mar 08 j 19:12	0°♑		
max. Earth dist.	-10006 Mar 20 j 11:25	14°♑23'44	1.73199 AU	
superior conj	-10006 Mar 24 j 15:57	19°♑34'18	-0°55'29	
minimum elong	-10006 Mar 24 j 23:41	19°♑58'14	0°55'47	
	-10006 Apr 02 j 02:08	0°♒		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10006 Apr 20 j 01:19	22°♒18'20	
	-10006 Apr 26 j 05:46	0°♓	
evening rise	-10006 Apr 29 j 01:22	3°♓30'25	
	-10006 May 20 j 07:29	0°♈	
	-10006 Jun 13 j 08:52	0°♉	
	-10006 Jul 07 j 11:53	0°♊	
	-10006 Jul 31 j 19:11	0°♋	
desc. node	-10006 Aug 11 j 01:01	12°♋32'27	
	-10006 Aug 25 j 10:15	0°♌	
	-10006 Sep 19 j 15:09	0°♍	
	-10006 Oct 16 j 00:43	0°♎	
evening max el	-10006 Nov 01 j 11:35	17°♎17'41	46°00'07
	-10006 Nov 14 j 22:29	0°♏	
asc. node	-10006 Nov 30 j 21:03	12°♏08'48	
greatest brilliancy	-10006 Dec 09 j 18:14	16°♏43'44	-4.8m
retrograde	-10006 Dec 20 j 23:30	19°♏03'35	
evening set	-10005 Jan 06 j 19:37	13°♏31'59	
inferior conj	-10005 Jan 11 j 09:28	10°♏39'15	7°26'14
minimum elong	-10005 Jan 11 j 03:02	10°♏49'36	7°25'13
min. Earth dist.	-10005 Jan 11 j 06:44	10°♏43'39	0.29521 AU
morning rise	-10005 Jan 15 j 10:34	8°♏05'38	
direct	-10005 Feb 02 j 04:53	2°♏07'41	
greatest brilliancy	-10005 Feb 11 j 15:16	3°♏43'40	-4.7m
	-10005 Mar 21 j 04:24	0°♐	
morning max el	-10005 Mar 23 j 01:50	1°♐47'17	46°02'14
desc. node	-10005 Mar 24 j 00:21	2°♐41'04	
	-10005 Apr 19 j 10:49	0°♑	
	-10005 May 15 j 21:27	0°♒	
	-10005 Jun 10 j 00:31	0°♓	
	-10005 Jul 04 j 09:26	0°♈	
asc. node	-10005 Jul 13 j 15:17	11°♈31'58	
	-10005 Jul 28 j 08:11	0°♉	
	-10005 Aug 21 j 02:47	0°♊	
	-10005 Sep 13 j 21:59	0°♋	
morning set	-10005 Sep 22 j 08:20	10°♋35'19	
	-10005 Oct 07 j 20:50	0°♌	
	-10005 Nov 01 j 00:22	0°♍	
desc. node	-10005 Nov 03 j 11:42	3°♍03'32	
superior conj	-10005 Nov 03 j 15:49	3°♍16'15	-0°00'24
minimum elong	-10005 Nov 03 j 15:46	3°♍16'07	0°00'04
behind sun begin	-10005 Nov 02 j 14:21	1°♍57'29	
behind sun end	-10005 Nov 04 j 17:12	4°♍34'44	
max. Earth dist.	-10005 Nov 08 j 13:59	9°♍21'22	1.72629 AU
	-10005 Nov 25 j 07:43	0°♎	
evening rise	-10005 Dec 13 j 22:18	22°♎52'44	
	-10005 Dec 19 j 17:29	0°♏	
	-10004 Jan 13 j 05:10	0°♐	
	-10004 Feb 06 j 19:57	0°♑	
asc. node	-10004 Feb 23 j 03:00	19°♑42'50	
	-10004 Mar 02 j 16:19	0°♒	
	-10004 Mar 27 j 21:21	0°♓	
	-10004 Apr 22 j 15:27	0°♈	
	-10004 May 19 j 09:29	0°♉	
evening max el	-10004 Jun 08 j 12:11	21°♉02'42	47°22'24
desc. node	-10004 Jun 15 j 06:01	27°♉36'02	
	-10004 Jun 17 j 19:32	0°♊	
greatest brilliancy	-10004 Jul 20 j 02:01	22°♊19'22	-4.9m
retrograde	-10004 Jul 29 j 05:41	23°♊55'22	
evening set	-10004 Aug 15 j 23:58	17°♊52'59	
inferior conj	-10004 Aug 18 j 23:12	16°♊04'14	-8°38'47
minimum elong	-10004 Aug 19 j 04:23	15°♊56'16	8°37'51
min. Earth dist.	-10004 Aug 18 j 12:33	16°♊20'40	0.26659 AU
morning rise	-10004 Aug 22 j 08:52	14°♊00'19	
direct	-10004 Sep 08 j 02:43	8°♊28'56	
greatest brilliancy	-10004 Sep 18 j 00:32	10°♊21'38	-4.9m
asc. node	-10004 Oct 05 j 01:57	20°♊21'04	
	-10004 Oct 16 j 12:59	0°♋	
morning max el	-10004 Oct 28 j 06:13	11°♋15'06	46°24'29
	-10004 Nov 15 j 03:07	0°♌	
	-10004 Dec 12 j 00:17	0°♍	
	-10003 Jan 07 j 01:11	0°♎	
desc. node	-10003 Jan 26 j 01:55	22°♎16'32	
	-10003 Feb 01 j 15:00	0°♏	
	-10003 Feb 26 j 19:02	0°♐	
	-10003 Mar 23 j 13:23	0°♑	
	-10003 Apr 16 j 23:00	0°♒	
morning set	-10003 Apr 24 j 17:02	9°♒36'32	
	-10003 May 11 j 01:39	0°♓	
asc. node	-10003 May 17 j 14:26	8°♓10'28	
max. Earth dist.	-10003 May 27 j 15:05	20°♓45'15	1.71499 AU
superior conj	-10003 May 31 j 01:11	25°♓03'16	0°30'41
minimum elong	-10003 May 30 j 19:08	24°♓44'15	0°30'18
	-10003 Jun 03 j 23:33	0°♈	
	-10003 Jun 27 j 19:01	0°♉	
evening rise	-10003 Jul 08 j 04:37	13°♉06'46	
	-10003 Jul 21 j 14:30	0°♊	
	-10003 Aug 14 j 12:25	0°♋	
desc. node	-10003 Sep 07 j 12:35	29°♋53'13	
	-10003 Sep 07 j 14:47	0°♌	
	-10003 Oct 01 j 23:11	0°♍	
	-10003 Oct 26 j 15:54	0°♎	
	-10003 Nov 20 j 22:28	0°♏	
	-10003 Dec 17 j 09:19	0°♐	
asc. node	-10003 Dec 28 j 07:16	11°♐40'46	
evening max el	-10002 Jan 11 j 04:32	25°♐36'19	44°54'19
	-10002 Jan 15 j 21:16	0°♑	
greatest brilliancy	-10002 Feb 17 j 18:02	22°♑37'11	-4.7m
retrograde	-10002 Feb 28 j 04:08	24°♑32'34	
evening set	-10002 Mar 16 j 15:51	19°♑28'03	
inferior conj	-10002 Mar 21 j 12:02	16°♑35'03	6°04'50
minimum elong	-10002 Mar 21 j 21:02	16°♑21'15	6°02'36
min. Earth dist.	-10002 Mar 22 j 18:17	15°♑48'42	0.28791 AU
morning rise	-10002 Mar 27 j 01:32	13°♑15'53	
direct	-10002 Apr 12 j 08:41	8°♑15'58	
desc. node	-10002 Apr 20 j 11:19	9°♑28'28	
greatest brilliancy	-10002 Apr 23 j 20:12	10°♑37'12	-4.8m
	-10002 May 22 j 02:07	0°♒	
morning max el	-10002 Jun 01 j 08:05	9°♒41'40	46°28'33
	-10002 Jun 20 j 16:07	0°♓	
	-10002 Jul 16 j 19:42	0°♈	
asc. node	-10002 Aug 10 j 04:30	29°♈25'21	
	-10002 Aug 10 j 15:49	0°♉	
	-10002 Sep 03 j 22:08	0°♊	
	-10002 Sep 28 j 00:23	0°♋	
	-10002 Oct 22 j 04:18	0°♌	
	-10002 Nov 15 j 12:10	0°♍	
desc. node	-10002 Dec 01 j 01:09	19°♍04'18	
morning set	-10002 Dec 07 j 10:40	26°♍54'28	
	-10002 Dec 09 j 23:16	0°♎	
	-10001 Jan 03 j 11:25	0°♏	
max. Earth dist.	-10001 Jan 13 j 16:51	12°♏31'47	1.73785 AU
superior conj	-10001 Jan 15 j 00:39	14°♏09'14	-1°16'59
minimum elong	-10001 Jan 14 j 19:28	13°♏53'21	1°17'16
	-10001 Jan 27 j 22:43	0°♐	
evening rise	-10001 Feb 19 j 22:21	28°♐14'18	
	-10001 Feb 21 j 08:45	0°♑	
greatest brilliancy	-10001 Feb 22 j 08:14	1°♑12'12	-3.9m
	-10001 Mar 17 j 18:22	0°♒	
asc. node	-10001 Mar 22 j 14:50	5°♒57'48	
	-10001 Apr 11 j 04:52	0°♓	
	-10001 May 05 j 17:27	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10001 May 30 j 09:45	0°♉		
	-10001 Jun 24 j 09:18	0°♊		
desc. node	-10001 Jul 13 j 16:21	22°♊41'33		
	-10001 Jul 20 j 00:19	0°♋		
	-10001 Aug 16 j 04:18	0°♌		
evening max el	-10001 Aug 20 j 15:03	4°♌36'09	47°39'00	
	-10001 Sep 18 j 07:51	0°♍		
greatest brilliancy	-10001 Sep 30 j 10:25	6°♍37'29	-4.9m	
retrograde	-10001 Oct 10 j 20:41	8°♍43'36		
evening set	-10001 Oct 25 j 17:06	4°♍09'58		
min. Earth dist.	-10001 Oct 31 j 01:35	0°♍52'02	0.27827 AU	
inferior conj	-10001 Oct 31 j 18:36	0°♍24'44	-0°25'24	
minimum elong	-10001 Oct 31 j 19:28	0°♍23'20	0°24'48	
	-10001 Nov 01 j 10:02	30°℞♌		
asc. node	-10001 Nov 02 j 12:45	29°♌17'28		
morning rise	-10001 Nov 06 j 22:52	26°♌38'18		
direct	-10001 Nov 21 j 12:48	22°♌20'22		
greatest brilliancy	-10001 Nov 30 j 13:09	23°♌52'52	-4.8m	
	-10001 Dec 12 j 22:23	0°♍		
morning max el	-10000 Jan 09 j 11:53	22°♍42'42	46°00'02	
	-10000 Jan 16 j 22:52	0°♎		
	-10000 Feb 14 j 09:32	0°♏		
desc. node	-10000 Feb 23 j 14:43	10°♏13'41		
	-10000 Mar 11 j 23:56	0°♐		
	-10000 Apr 06 j 13:32	0°♑		
	-10000 May 01 j 09:46	0°♒		
	-10000 May 25 j 17:23	0°♓		
asc. node	-10000 Jun 14 j 03:57	24°♓19'09		
	-10000 Jun 18 j 16:20	0°♈		
greatest brilliancy	-10000 Jun 27 j 14:35	11°♈15'28	-3.9m	
morning set	-10000 Jul 03 j 18:39	19°♈03'12		
	-10000 Jul 12 j 10:20	0°♉		
	-10000 Aug 05 j 03:00	0°♊		
superior conj	-10000 Aug 13 j 02:53	10°♊06'22	1°22'41	
minimum elong	-10000 Aug 13 j 05:27	10°♊14'27	1°23'12	
max. Earth dist.	-10000 Aug 18 j 02:54	16°♊25'07	1.70819 AU	
	-10000 Aug 28 j 21:33	0°♋		
	-10000 Sep 21 j 20:08	0°♌		
evening rise	-10000 Sep 25 j 05:54	4°♌14'59		
desc. node	-10000 Oct 05 j 00:49	16°♌25'55		
	-10000 Oct 15 j 23:28	0°♍		
	-10000 Nov 09 j 07:25	0°♎		
	-10000 Dec 03 j 20:26	0°♏		
	-10000 Dec 28 j 17:06	0°♐		
	-9999 Jan 23 j 03:20	0°♑		
asc. node	-9999 Jan 24 j 17:58	1°♑52'04		
	-9999 Feb 18 j 14:07	0°♒		
	-9999 Mar 19 j 03:45	0°♓		
evening max el	-9999 Mar 24 j 09:00	5°♓02'59	45°34'23	
	-9999 Apr 25 j 10:30	0°♈		
greatest brilliancy	-9999 May 02 j 11:15	3°♈03'35	-4.8m	
retrograde	-9999 May 12 j 08:40	4°♈47'57		
desc. node	-9999 May 17 j 22:04	4°♈12'17		
evening set	-9999 May 26 j 22:52	0°♈48'41		
	-9999 May 28 j 11:32	30°℞♓		
inferior conj	-9999 Jun 02 j 05:48	27°♓14'52	-3°37'44	
minimum elong	-9999 Jun 01 j 22:06	27°♓26'19	3°35'41	
min. Earth dist.	-9999 Jun 02 j 10:31	27°♓07'53	0.26838 AU	
morning rise	-9999 Jun 07 j 20:46	24°♓01'01		
direct	-9999 Jun 23 j 01:48	19°♓37'01		
greatest brilliancy	-9999 Jul 04 j 04:19	21°♓53'17	-4.9m	
	-9999 Jul 18 j 07:31	0°♈		
morning max el	-9999 Aug 12 j 15:52	22°♈41'42	46°44'06	
	-9999 Aug 19 j 15:50	0°♉		
asc. node	-9999 Sep 06 j 16:47	19°♉57'50		
	-9999 Sep 15 j 09:35	0°♊		
	-9999 Oct 10 j 17:17	0°♋		
	-9999 Nov 04 j 14:52	0°♌		
	-9999 Nov 29 j 11:01	0°♍		
	-9999 Dec 24 j 07:35	0°♎		
desc. node	-9999 Dec 28 j 14:48	5°♎11'31		
	-9998 Jan 18 j 02:57	0°♏		
	-9998 Feb 11 j 18:51	0°♐		
morning set	-9998 Feb 15 j 04:19	4°♐08'50		
	-9998 Mar 08 j 06:08	0°♑		
max. Earth dist.	-9998 Mar 18 j 06:43	12°♑21'33	1.73245 AU	
superior conj	-9998 Mar 22 j 11:29	17°♑32'40	-0°57'35	
minimum elong	-9998 Mar 22 j 19:14	17°♑56'39	0°57'54	
	-9998 Apr 01 j 13:04	0°♒		
asc. node	-9998 Apr 19 j 03:25	21°♒50'40		
	-9998 Apr 25 j 16:48	0°♓		
evening rise	-9998 Apr 26 j 20:01	1°♓24'38		
	-9998 May 19 j 18:46	0°♈		
	-9998 Jun 12 j 20:27	0°♉		
	-9998 Jul 06 j 23:51	0°♊		
	-9998 Jul 31 j 07:36	0°♋		
desc. node	-9998 Aug 10 j 03:14	12°♋00'37		
	-9998 Aug 24 j 23:21	0°♌		
	-9998 Sep 19 j 05:30	0°♍		
	-9998 Oct 15 j 18:03	0°♎		
evening max el	-9998 Oct 30 j 02:20	15°♎01'09	46°03'36	
	-9998 Nov 15 j 03:37	0°♏		
asc. node	-9998 Nov 29 j 23:18	10°♏50'54		
greatest brilliancy	-9998 Dec 07 j 11:54	14°♏36'49	-4.8m	
retrograde	-9998 Dec 18 j 16:53	16°♏57'14		
evening set	-9997 Jan 04 j 10:50	11°♏28'35		
inferior conj	-9997 Jan 09 j 03:02	8°♏32'27	7°18'59	
minimum elong	-9997 Jan 08 j 20:11	8°♏43'29	7°17'51	
min. Earth dist.	-9997 Jan 08 j 23:25	8°♏38'17	0.29497 AU	
morning rise	-9997 Jan 13 j 05:37	5°♏56'29		
direct	-9997 Jan 30 j 21:14	0°♏01'02		
greatest brilliancy	-9997 Feb 09 j 07:39	1°♏36'50	-4.7m	
morning max el	-9997 Mar 20 j 17:42	29°♏37'41	46°01'41	
	-9997 Mar 21 j 03:05	0°♐		
desc. node	-9997 Mar 23 j 02:25	1°♐53'40		
	-9997 Apr 19 j 02:39	0°♑		
	-9997 May 15 j 10:58	0°♒		
	-9997 Jun 09 j 12:56	0°♓		
	-9997 Jul 03 j 21:19	0°♈		
asc. node	-9997 Jul 12 j 17:32	11°♈02'15		
	-9997 Jul 27 j 19:47	0°♉		
	-9997 Aug 20 j 14:13	0°♊		
	-9997 Sep 13 j 09:17	0°♋		
morning set	-9997 Sep 19 j 17:49	7°♋59'09		
	-9997 Oct 07 j 08:01	0°♌		
	-9997 Oct 31 j 11:25	0°♍		
superior conj	-9997 Nov 01 j 02:33	0°♍46'52	0°03'22	
minimum elong	-9997 Nov 01 j 03:31	0°♍49'50	0°03'40	
behind sun begin	-9997 Oct 31 j 01:29	29°♌29'17		
behind sun end	-9997 Nov 02 j 05:32	2°♍10'20		
desc. node	-9997 Nov 02 j 13:50	2°♍36'00		
max. Earth dist.	-9997 Nov 06 j 04:16	7°♍03'11	1.72561 AU	
	-9997 Nov 24 j 18:41	0°♎		
evening rise	-9997 Dec 11 j 13:41	20°♎38'57		
	-9997 Dec 19 j 04:27	0°♏		
	-9996 Jan 12 j 16:16	0°♐		
	-9996 Feb 06 j 07:21	0°♑		
asc. node	-9996 Feb 22 j 05:07	19°♑13'45		
	-9996 Mar 02 j 04:19	0°♒		
	-9996 Mar 27 j 10:23	0°♓		
	-9996 Apr 22 j 06:17	0°♈		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9996 May 19 j 03:55	0°♉		
evening max el	-9996 Jun 06 j 00:50	18°♉35'37	47°19'28	
desc. node	-9996 Jun 14 j 08:19	26°♉36'36		
	-9996 Jun 18 j 01:09	0°♊		
greatest brilliancy	-9996 Jul 17 j 14:14	19°♊48'33	-4.9m	
retrograde	-9996 Jul 26 j 18:10	21°♊24'51		
evening set	-9996 Aug 13 j 13:45	15°♊20'34		
inferior conj	-9996 Aug 16 j 11:31	13°♊34'27	-8°44'15	
minimum elong	-9996 Aug 16 j 15:51	13°♊27'48	8°43'26	
min. Earth dist.	-9996 Aug 16 j 00:42	13°♊51'02	0.26644 AU	
morning rise	-9996 Aug 19 j 18:01	11°♊35'37		
direct	-9996 Sep 05 j 15:01	5°♊59'29		
greatest brilliancy	-9996 Sep 15 j 13:39	7°♊53'20	-4.9m	
asc. node	-9996 Oct 04 j 04:09	19°♊05'27		
	-9996 Oct 16 j 17:32	0°♋		
morning max el	-9996 Oct 25 j 20:27	8°♋52'22	46°25'39	
	-9996 Nov 14 j 20:57	0°♌		
	-9996 Dec 11 j 14:46	0°♍		
	-9995 Jan 06 j 14:01	0°♎		
desc. node	-9995 Jan 25 j 04:05	21°♎47'15		
	-9995 Feb 01 j 02:54	0°♏		
	-9995 Feb 26 j 06:23	0°♐		
	-9995 Mar 23 j 00:26	0°♑		
	-9995 Apr 16 j 09:55	0°♒		
morning set	-9995 Apr 22 j 11:44	7°♒31'46		
	-9995 May 10 j 12:33	0°♓		
asc. node	-9995 May 16 j 16:39	7°♓43'19		
max. Earth dist.	-9995 May 25 j 04:50	18°♓23'21	1.71555 AU	
superior conj	-9995 May 28 j 17:21	22°♓48'46	0°27'35	
minimum elong	-9995 May 28 j 11:53	22°♓31'36	0°27'12	
	-9995 Jun 03 j 10:31	0°♈		
	-9995 Jun 27 j 06:06	0°♉		
evening rise	-9995 Jul 05 j 17:03	10°♉39'34		
	-9995 Jul 21 j 01:44	0°♊		
	-9995 Aug 13 j 23:49	0°♋		
desc. node	-9995 Sep 06 j 14:37	29°♋23'28		
	-9995 Sep 07 j 02:25	0°♌		
	-9995 Oct 01 j 11:08	0°♍		
	-9995 Oct 26 j 04:21	0°♎		
	-9995 Nov 20 j 11:58	0°♏		
	-9995 Dec 17 j 01:22	0°♐		
asc. node	-9995 Dec 27 j 09:38	10°♐59'52		
evening max el	-9994 Jan 08 j 20:51	23°♐27'49	44°54'58	
	-9994 Jan 15 j 22:15	0°♑		
greatest brilliancy	-9994 Feb 15 j 08:31	20°♑27'57	-4.7m	
retrograde	-9994 Feb 25 j 19:55	22°♑24'10		
evening set	-9994 Mar 14 j 10:04	17°♑15'45		
inferior conj	-9994 Mar 19 j 03:54	14°♑25'25	6°17'01	
minimum elong	-9994 Mar 19 j 12:46	14°♑11'48	6°14'53	
min. Earth dist.	-9994 Mar 20 j 09:24	13°♑40'05	0.28860 AU	
morning rise	-9994 Mar 24 j 14:52	11°♑09'23		
direct	-9994 Apr 10 j 01:45	6°♑05'17		
desc. node	-9994 Apr 19 j 13:37	7°♑43'42		
greatest brilliancy	-9994 Apr 21 j 10:47	8°♑24'22	-4.8m	
	-9994 May 22 j 04:45	0°♒		
morning max el	-9994 May 30 j 00:10	7°♒27'56	46°27'27	
	-9994 Jun 20 j 09:14	0°♓		
	-9994 Jul 16 j 09:58	0°♈		
asc. node	-9994 Aug 09 j 06:37	28°♈52'01		
	-9994 Aug 10 j 04:46	0°♉		
	-9994 Sep 03 j 10:21	0°♊		
	-9994 Sep 27 j 12:10	0°♋		
	-9994 Oct 21 j 15:47	0°♌		
	-9994 Nov 14 j 23:24	0°♍		
desc. node	-9994 Nov 30 j 03:19	18°♍37'01		
morning set	-9994 Dec 05 j 00:19	24°♍35'29		
	-9994 Dec 09 j 10:17	0°♎		
	-9993 Jan 02 j 22:15	0°♏		
max. Earth dist.	-9993 Jan 11 j 16:18	10°♏43'28	1.73770 AU	
superior conj	-9993 Jan 12 j 18:11	12°♏02'45	-1°15'59	
minimum elong	-9993 Jan 12 j 12:26	11°♏45'10	1°16'13	
	-9993 Jan 27 j 09:28	0°♐		
evening rise	-9993 Feb 17 j 17:59	26°♐13'57		
	-9993 Feb 20 j 19:32	0°♑		
greatest brilliancy	-9993 Feb 20 j 23:53	0°♑13'21	-3.9m	
	-9993 Mar 17 j 05:23	0°♒		
asc. node	-9993 Mar 21 j 16:59	5°♒30'25		
	-9993 Apr 10 j 16:17	0°♓		
	-9993 May 05 j 05:26	0°♈		
	-9993 May 29 j 22:30	0°♉		
	-9993 Jun 23 j 23:15	0°♊		
desc. node	-9993 Jul 12 j 18:33	22°♊03'23		
	-9993 Jul 19 j 16:21	0°♋		
	-9993 Aug 16 j 01:22	0°♌		
evening max el	-9993 Aug 18 j 07:30	2°♌19'08	47°40'54	
	-9993 Sep 19 j 13:00	0°♍		
greatest brilliancy	-9993 Sep 28 j 03:41	4°♍20'04	-4.9m	
retrograde	-9993 Oct 08 j 12:39	6°♍24'28		
evening set	-9993 Oct 23 j 09:44	1°♍50'16		
	-9993 Oct 26 j 10:54	30°℞♌		
min. Earth dist.	-9993 Oct 28 j 17:16	28°♌33'28	0.27762 AU	
inferior conj	-9993 Oct 29 j 10:03	28°♌06'31	-0°46'27	
minimum elong	-9993 Oct 29 j 11:40	28°♌03'56	0°45'36	
asc. node	-9993 Nov 01 j 15:04	26°♌04'44		
morning rise	-9993 Nov 04 j 14:40	24°♌19'42		
direct	-9993 Nov 19 j 03:47	20°♌03'37		
greatest brilliancy	-9993 Nov 28 j 04:07	21°♌36'08	-4.8m	
	-9993 Dec 13 j 22:32	0°♍		
morning max el	-9992 Jan 07 j 03:01	20°♍29'41	46°00'29	
	-9992 Jan 16 j 18:46	0°♎		
	-9992 Feb 14 j 00:28	0°♏		
desc. node	-9992 Feb 22 j 16:42	9°♏39'38		
	-9992 Mar 11 j 12:53	0°♐		
	-9992 Apr 06 j 01:30	0°♑		
	-9992 Apr 30 j 21:14	0°♒		
	-9992 May 25 j 04:37	0°♓		
asc. node	-9992 Jun 13 j 06:10	23°♓51'09		
	-9992 Jun 18 j 03:29	0°♈		
greatest brilliancy	-9992 Jun 26 j 15:54	10°♈44'26	-3.9m	
morning set	-9992 Jul 01 j 07:42	16°♈37'32		
	-9992 Jul 11 j 21:29	0°♉		
	-9992 Aug 04 j 14:12	0°♊		
superior conj	-9992 Aug 10 j 12:31	7°♊29'49	1°23'02	
minimum elong	-9992 Aug 10 j 14:00	7°♊34'30	1°23'33	
max. Earth dist.	-9992 Aug 15 j 02:37	13°♊17'25	1.70789 AU	
	-9992 Aug 28 j 08:48	0°♋		
	-9992 Sep 21 j 07:24	0°♌		
evening rise	-9992 Sep 22 j 13:03	1°♌32'30		
desc. node	-9992 Oct 04 j 03:02	15°♌57'46		
	-9992 Oct 15 j 10:45	0°♍		
	-9992 Nov 08 j 18:47	0°♎		
	-9992 Dec 03 j 08:04	0°♏		
	-9992 Dec 28 j 05:17	0°♐		
	-9991 Jan 22 j 16:37	0°♑		
asc. node	-9991 Jan 23 j 20:07	1°♑19'35		
	-9991 Feb 18 j 05:48	0°♒		
	-9991 Mar 19 j 01:56	0°♓		
evening max el	-9991 Mar 21 j 21:50	2°♓42'49	45°31'21	
	-9991 Apr 28 j 03:03	0°♈		
greatest brilliancy	-9991 Apr 29 j 23:35	0°♈40'41	-4.8m	
retrograde	-9991 May 09 j 20:11	2°♈24'47		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-9991 May 17 j 00:17	1°♈25'27	
	-9991 May 21 j 02:18	30°℞♓	
evening set	-9991 May 24 j 09:58	28°♓26'54	
inferior conj	-9991 May 30 j 18:22	24°♓51'36	-3°16'18
minimum elong	-9991 May 30 j 11:18	25°♓02'05	3°14'24
min. Earth dist.	-9991 May 31 j 00:53	24°♓41'55	0.26884 AU
morning rise	-9991 Jun 05 j 11:54	21°♓34'03	
direct	-9991 Jun 20 j 14:40	17°♓12'23	
greatest brilliancy	-9991 Jul 01 j 19:50	19°♓30'40	-4.9m
	-9991 Jul 19 j 02:16	0°♈	
morning max el	-9991 Aug 10 j 04:07	20°♈11'57	46°44'06
	-9991 Aug 19 j 12:07	0°♉	
asc. node	-9991 Sep 05 j 18:59	19°♉15'58	
	-9991 Sep 15 j 01:20	0°♊	
	-9991 Oct 10 j 07:08	0°♋	
	-9991 Nov 04 j 03:38	0°♌	
	-9991 Nov 28 j 23:05	0°♍	
	-9991 Dec 23 j 19:08	0°♎	
desc. node	-9991 Dec 27 j 16:53	4°♎43'09	
	-9990 Jan 17 j 14:09	0°♏	
	-9990 Feb 11 j 05:50	0°♐	
morning set	-9990 Feb 12 j 22:54	2°♐05'26	
	-9990 Mar 07 j 17:01	0°♑	
max. Earth dist.	-9990 Mar 16 j 03:24	10°♑23'44	1.73289 AU
superior conj	-9990 Mar 20 j 07:20	15°♑32'09	-0°59'36
minimum elong	-9990 Mar 20 j 15:04	15°♑56'05	0°59'55
	-9990 Mar 31 j 23:57	0°♒	
asc. node	-9990 Apr 18 j 05:43	21°♒23'47	
evening rise	-9990 Apr 24 j 15:10	29°♒20'41	
	-9990 Apr 25 j 03:49	0°♓	
	-9990 May 19 j 06:00	0°♈	
	-9990 Jun 12 j 08:01	0°♉	
	-9990 Jul 06 j 11:50	0°♊	
	-9990 Jul 30 j 20:06	0°♋	
desc. node	-9990 Aug 09 j 05:18	11°♋27'57	
	-9990 Aug 24 j 12:38	0°♌	
	-9990 Sep 18 j 20:10	0°♍	
	-9990 Oct 15 j 12:00	0°♎	
evening max el	-9990 Oct 27 j 17:29	12°♎44'56	46°07'18
	-9990 Nov 15 j 11:17	0°♏	
asc. node	-9990 Nov 29 j 01:37	9°♏30'06	
greatest brilliancy	-9990 Dec 05 j 05:10	12°♏28'43	-4.8m
retrograde	-9990 Dec 16 j 10:42	14°♏50'20	
evening set	-9989 Jan 02 j 02:01	9°♏24'30	
inferior conj	-9989 Jan 06 j 20:34	6°♏24'59	7°11'10
minimum elong	-9989 Jan 06 j 13:20	6°♏36'37	7°09'56
min. Earth dist.	-9989 Jan 06 j 15:48	6°♏32'39	0.29467 AU
morning rise	-9989 Jan 11 j 00:46	3°♏46'41	
	-9989 Jan 18 j 07:12	30°℞♎	
direct	-9989 Jan 28 j 13:45	27°♎53'48	
greatest brilliancy	-9989 Feb 06 j 23:41	29°♎29'23	-4.7m
	-9989 Feb 08 j 11:04	0°♏	
morning max el	-9989 Mar 18 j 10:26	27°♏30'05	46°01'11
	-9989 Mar 21 j 00:58	0°♐	
desc. node	-9989 Mar 22 j 04:42	1°♐07'24	
	-9989 Apr 18 j 18:18	0°♑	
	-9989 May 15 j 00:25	0°♒	
	-9989 Jun 09 j 01:21	0°♓	
	-9989 Jul 03 j 09:13	0°♈	
asc. node	-9989 Jul 11 j 19:38	10°♈31'59	
	-9989 Jul 27 j 07:25	0°♉	
	-9989 Aug 20 j 01:43	0°♊	
	-9989 Sep 12 j 20:42	0°♋	
morning set	-9989 Sep 17 j 03:19	5°♋22'28	
	-9989 Oct 06 j 19:21	0°♌	
superior conj	-9989 Oct 29 j 12:43	28°♌14'48	0°07'08
minimum elong	-9989 Oct 29 j 14:41	28°♌20'54	0°07'24
behind sun begin	-9989 Oct 28 j 14:41	27°♌06'32	
behind sun end	-9989 Oct 30 j 14:42	29°♌35'14	
	-9989 Oct 30 j 22:42	0°♍	
desc. node	-9989 Nov 01 j 16:02	2°♍07'54	
max. Earth dist.	-9989 Nov 03 j 16:12	4°♍36'51	1.72497 AU
	-9989 Nov 24 j 05:55	0°♎	
evening rise	-9989 Dec 09 j 04:27	18°♎22'28	
	-9989 Dec 18 j 15:40	0°♏	
	-9988 Jan 12 j 03:35	0°♐	
	-9988 Feb 05 j 18:59	0°♑	
asc. node	-9988 Feb 21 j 07:20	18°♑44'19	
	-9988 Mar 01 j 16:35	0°♒	
	-9988 Mar 26 j 23:44	0°♓	
	-9988 Apr 21 j 21:31	0°♈	
	-9988 May 18 j 23:00	0°♉	
evening max el	-9988 Jun 03 j 14:40	16°♉11'18	47°16'30
desc. node	-9988 Jun 13 j 10:32	25°♉35'18	
	-9988 Jun 18 j 09:06	0°♊	
greatest brilliancy	-9988 Jul 15 j 01:50	17°♊17'08	-4.9m
retrograde	-9988 Jul 24 j 07:07	18°♊54'23	
evening set	-9988 Aug 11 j 03:12	12°♊48'52	
inferior conj	-9988 Aug 13 j 23:54	11°♊04'39	-8°48'34
minimum elong	-9988 Aug 14 j 03:24	10°♊59'18	8°47'52
min. Earth dist.	-9988 Aug 13 j 12:35	11°♊21'57	0.26629 AU
morning rise	-9988 Aug 17 j 03:40	9°♊10'18	
direct	-9988 Sep 03 j 03:59	3°♊30'18	
greatest brilliancy	-9988 Sep 13 j 02:16	5°♊24'22	-4.9m
asc. node	-9988 Oct 03 j 06:31	17°♊52'12	
	-9988 Oct 16 j 20:34	0°♋	
morning max el	-9988 Oct 23 j 11:05	6°♋30'02	46°26'32
	-9988 Nov 14 j 14:40	0°♌	
	-9988 Dec 11 j 05:25	0°♍	
	-9987 Jan 06 j 03:09	0°♎	
desc. node	-9987 Jan 24 j 06:07	21°♎16'38	
	-9987 Jan 31 j 15:07	0°♏	
	-9987 Feb 25 j 18:01	0°♐	
	-9987 Mar 22 j 11:44	0°♑	
	-9987 Apr 15 j 21:03	0°♒	
morning set	-9987 Apr 20 j 06:33	5°♒26'43	
	-9987 May 09 j 23:42	0°♓	
asc. node	-9987 May 15 j 18:49	7°♓15'10	
max. Earth dist.	-9987 May 22 j 17:08	15°♓56'18	1.71614 AU
superior conj	-9987 May 26 j 09:51	20°♓34'41	0°24'28
minimum elong	-9987 May 26 j 05:00	20°♓19'25	0°24'05
	-9987 Jun 02 j 21:46	0°♈	
	-9987 Jun 26 j 17:28	0°♉	
evening rise	-9987 Jul 03 j 06:01	8°♉13'13	
	-9987 Jul 20 j 13:14	0°♊	
	-9987 Aug 13 j 11:29	0°♋	
desc. node	-9987 Sep 05 j 16:56	28°♋53'52	
	-9987 Sep 06 j 14:18	0°♌	
	-9987 Sep 30 j 23:20	0°♍	
	-9987 Oct 25 j 17:08	0°♎	
	-9987 Nov 20 j 01:55	0°♏	
	-9987 Dec 16 j 18:10	0°♐	
asc. node	-9987 Dec 26 j 11:48	10°♐16'46	
evening max el	-9986 Jan 06 j 12:57	21°♐17'25	44°55'39
	-9986 Jan 16 j 01:15	0°♑	
greatest brilliancy	-9986 Feb 12 j 23:53	18°♑18'33	-4.7m
retrograde	-9986 Feb 23 j 11:24	20°♑14'49	
evening set	-9986 Mar 12 j 04:23	15°♑02'43	
inferior conj	-9986 Mar 16 j 19:54	12°♑15'06	6°28'38
minimum elong	-9986 Mar 17 j 04:34	12°♑01'42	6°26'36
min. Earth dist.	-9986 Mar 18 j 00:49	11°♑30'30	0.28923 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-9986 Mar 22 j 04:14	9°♉02'10	
direct	-9986 Apr 07 j 18:30	3°♉54'02	
desc. node	-9986 Apr 18 j 15:50	6°♉01'44	
greatest brilliancy	-9986 Apr 19 j 01:25	6°♉10'49	-4.8m
	-9986 May 22 j 06:22	0°♒	
morning max el	-9986 May 27 j 15:17	5°♒11'06	46°26'20
	-9986 Jun 20 j 02:20	0°♓	
	-9986 Jul 16 j 00:22	0°♈	
asc. node	-9986 Aug 08 j 08:44	28°♈18'00	
	-9986 Aug 09 j 17:56	0°♉	
	-9986 Sep 02 j 22:50	0°♊	
	-9986 Sep 27 j 00:13	0°♋	
	-9986 Oct 21 j 03:32	0°♌	
	-9986 Nov 14 j 10:53	0°♍	
desc. node	-9986 Nov 29 j 05:24	18°♍08'36	
morning set	-9986 Dec 02 j 14:00	22°♍15'39	
	-9986 Dec 08 j 21:34	0°♎	
	-9985 Jan 02 j 09:24	0°♏	
max. Earth dist.	-9985 Jan 09 j 14:41	8°♏50'47	1.73757 AU
superior conj	-9985 Jan 10 j 11:31	9°♏54'40	-1°14'51
minimum elong	-9985 Jan 10 j 05:16	9°♏35'30	1°15'04
	-9985 Jan 26 j 20:34	0°♐	
evening rise	-9985 Feb 15 j 13:21	24°♐11'38	
greatest brilliancy	-9985 Feb 19 j 14:21	29°♐09'42	-3.9m
	-9985 Feb 20 j 06:43	0°♑	
	-9985 Mar 16 j 16:46	0°♒	
asc. node	-9985 Mar 20 j 19:18	5°♒02'25	
	-9985 Apr 10 j 04:02	0°♓	
	-9985 May 04 j 17:45	0°♈	
	-9985 May 29 j 11:38	0°♉	
	-9985 Jun 23 j 13:37	0°♊	
desc. node	-9985 Jul 11 j 20:41	21°♊23'46	
	-9985 Jul 19 j 08:58	0°♋	
	-9985 Aug 15 j 23:32	0°♌	
evening max el	-9985 Aug 15 j 23:09	29°♋59'02	47°42'36
	-9985 Sep 21 j 08:04	0°♍	
greatest brilliancy	-9985 Sep 25 j 21:26	2°♍02'14	-4.9m
retrograde	-9985 Oct 06 j 04:08	4°♍04'24	
	-9985 Oct 20 j 04:43	30°℞♌	
evening set	-9985 Oct 21 j 02:30	29°♌29'26	
min. Earth dist.	-9985 Oct 26 j 09:17	26°♌13'42	0.27697 AU
inferior conj	-9985 Oct 27 j 01:33	25°♌47'34	-1°07'30
minimum elong	-9985 Oct 27 j 03:53	25°♌43'49	1°06'25
asc. node	-9985 Oct 31 j 17:17	22°♌53'18	
morning rise	-9985 Nov 02 j 06:16	22°♌00'26	
direct	-9985 Nov 16 j 18:21	17°♌46'02	
greatest brilliancy	-9985 Nov 25 j 19:34	19°♌19'06	-4.8m
	-9985 Dec 14 j 16:42	0°♍	
morning max el	-9984 Jan 04 j 17:18	18°♍13'40	46°00'56
	-9984 Jan 16 j 14:22	0°♎	
	-9984 Feb 13 j 15:33	0°♏	
desc. node	-9984 Feb 21 j 19:00	9°♏05'45	
	-9984 Mar 11 j 02:06	0°♐	
	-9984 Apr 05 j 13:46	0°♑	
	-9984 Apr 30 j 09:00	0°♒	
	-9984 May 24 j 16:07	0°♓	
asc. node	-9984 Jun 12 j 08:17	23°♓21'58	
	-9984 Jun 17 j 14:52	0°♈	
greatest brilliancy	-9984 Jun 25 j 14:38	10°♈04'28	-3.9m
morning set	-9984 Jun 28 j 20:55	14°♈11'41	
	-9984 Jul 11 j 08:51	0°♉	
	-9984 Aug 04 j 01:37	0°♊	
superior conj	-9984 Aug 07 j 22:20	4°♊53'07	1°23'12
minimum elong	-9984 Aug 07 j 22:44	4°♊54'20	1°23'42
max. Earth dist.	-9984 Aug 11 j 23:58	10°♊01'28	1.70766 AU
	-9984 Aug 27 j 20:17	0°♋	
evening rise	-9984 Sep 19 j 20:13	28°♋49'11	
	-9984 Sep 20 j 18:55	0°♌	
desc. node	-9984 Oct 03 j 05:13	15°♌28'43	
	-9984 Oct 14 j 22:18	0°♍	
	-9984 Nov 08 j 06:25	0°♎	
	-9984 Dec 02 j 19:57	0°♏	
	-9984 Dec 27 j 17:44	0°♐	
	-9983 Jan 22 j 06:15	0°♑	
asc. node	-9983 Jan 22 j 22:22	0°♑46'31	
	-9983 Feb 17 j 22:03	0°♒	
	-9983 Mar 19 j 01:27	0°♓	
evening max el	-9983 Mar 19 j 10:30	0°♓21'28	45°28'20
greatest brilliancy	-9983 Apr 27 j 11:25	28°♓16'14	-4.8m
	-9983 May 06 j 12:15	0°♈	
retrograde	-9983 May 07 j 08:08	0°♈00'47	
	-9983 May 08 j 03:57	30°℞♓	
desc. node	-9983 May 16 j 02:28	28°♓32'05	
evening set	-9983 May 21 j 21:11	26°♓03'43	
inferior conj	-9983 May 28 j 06:48	22°♓27'16	-2°54'21
minimum elong	-9983 May 28 j 00:26	22°♓36'41	2°52'39
min. Earth dist.	-9983 May 28 j 14:57	22°♓15'10	0.26931 AU
morning rise	-9983 Jun 03 j 02:51	19°♓06'28	
direct	-9983 Jun 18 j 03:38	14°♓46'40	
greatest brilliancy	-9983 Jun 29 j 11:09	17°♓07'10	-4.9m
	-9983 Jul 19 j 16:40	0°♈	
morning max el	-9983 Aug 07 j 17:05	17°♈43'33	46°44'11
	-9983 Aug 19 j 08:00	0°♉	
asc. node	-9983 Sep 04 j 21:22	18°♉34'41	
	-9983 Sep 14 j 17:01	0°♊	
	-9983 Oct 09 j 20:59	0°♋	
	-9983 Nov 03 j 16:28	0°♌	
	-9983 Nov 28 j 11:14	0°♍	
	-9983 Dec 23 j 06:48	0°♎	
desc. node	-9983 Dec 26 j 18:58	4°♎14'21	
	-9982 Jan 17 j 01:28	0°♏	
morning set	-9982 Feb 10 j 17:29	0°♐01'39	
	-9982 Feb 10 j 16:56	0°♐	
	-9982 Mar 07 j 04:01	0°♑	
max. Earth dist.	-9982 Mar 14 j 02:00	8°♑31'25	1.73335 AU
superior conj	-9982 Mar 18 j 03:10	13°♑31'16	-1°01'32
minimum elong	-9982 Mar 18 j 10:51	13°♑54'59	1°01'52
	-9982 Mar 31 j 10:59	0°♒	
asc. node	-9982 Apr 17 j 07:53	20°♒55'52	
evening rise	-9982 Apr 22 j 10:19	27°♒16'14	
	-9982 Apr 24 j 15:00	0°♓	
	-9982 May 18 j 17:26	0°♈	
	-9982 Jun 11 j 19:47	0°♉	
	-9982 Jul 05 j 23:59	0°♊	
	-9982 Jul 30 j 08:45	0°♋	
desc. node	-9982 Aug 08 j 07:37	10°♋55'40	
	-9982 Aug 24 j 02:04	0°♌	
	-9982 Sep 18 j 11:05	0°♍	
	-9982 Oct 15 j 06:27	0°♎	
evening max el	-9982 Oct 25 j 09:26	10°♎30'29	46°11'02
	-9982 Nov 15 j 21:53	0°♏	
asc. node	-9982 Nov 28 j 03:51	8°♏06'22	
greatest brilliancy	-9982 Dec 02 j 22:11	10°♏19'59	-4.8m
retrograde	-9982 Dec 14 j 04:57	12°♏42'58	
evening set	-9982 Dec 30 j 17:09	7°♏20'07	
inferior conj	-9981 Jan 04 j 14:03	4°♏17'04	7°02'36
minimum elong	-9981 Jan 04 j 06:29	4°♏29'12	7°01'17
min. Earth dist.	-9981 Jan 04 j 07:52	4°♏27'00	0.29434 AU
morning rise	-9981 Jan 08 j 20:00	1°♏36'17	
	-9981 Jan 11 j 14:30	30°℞♎	
direct	-9981 Jan 26 j 06:41	25°♎46'18	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

greatest brilliancy	-9981 Feb 04 j 15:08	27°♎21'12	-4.7m	
	-9981 Feb 11 j 01:02	0°♏		
morning max el	-9981 Mar 16 j 03:37	25°♏23'42	46°00'42	
	-9981 Mar 20 j 22:04	0°♐		
desc. node	-9981 Mar 21 j 06:55	0°♐21'45		
	-9981 Apr 18 j 09:43	0°♑		
	-9981 May 14 j 13:47	0°♒		
	-9981 Jun 08 j 13:47	0°♓		
	-9981 Jul 02 j 21:11	0°♈		
asc. node	-9981 Jul 10 j 21:50	10°♈01'45		
	-9981 Jul 26 j 19:08	0°♉		
	-9981 Aug 19 j 13:16	0°♊		
	-9981 Sep 12 j 08:06	0°♋		
morning set	-9981 Sep 14 j 12:42	2°♋45'18		
	-9981 Oct 06 j 06:40	0°♌		
superior conj	-9981 Oct 26 j 22:37	25°♌41'54	0°10'54	
minimum elong	-9981 Oct 27 j 01:36	25°♌51'08	0°11'08	
behind sun begin	-9981 Oct 26 j 05:52	24°♌49'58		
behind sun end	-9981 Oct 27 j 21:20	26°♌52'17		
	-9981 Oct 30 j 09:57	0°♍		
desc. node	-9981 Oct 31 j 18:04	1°♍39'26		
max. Earth dist.	-9981 Nov 01 j 06:07	2°♍16'42	1.72434 AU	
	-9981 Nov 23 j 17:07	0°♎		
evening rise	-9981 Dec 06 j 19:09	16°♎05'53		
	-9981 Dec 18 j 02:52	0°♏		
	-9980 Jan 11 j 14:53	0°♐		
	-9980 Feb 05 j 06:36	0°♑		
asc. node	-9980 Feb 20 j 09:42	18°♑15'29		
	-9980 Mar 01 j 04:48	0°♒		
	-9980 Mar 26 j 13:04	0°♓		
	-9980 Apr 21 j 12:51	0°♈		
	-9980 May 18 j 18:32	0°♉		
evening max el	-9980 Jun 01 j 04:54	13°♉48'06	47°13'11	
desc. node	-9980 Jun 12 j 12:42	24°♉32'20		
	-9980 Jun 18 j 19:48	0°♊		
greatest brilliancy	-9980 Jul 12 j 12:59	14°♊44'54	-4.9m	
retrograde	-9980 Jul 21 j 19:54	16°♊22'55		
evening set	-9980 Aug 08 j 15:56	10°♊17'12		
min. Earth dist.	-9980 Aug 11 j 00:10	8°♊52'07	0.26613 AU	
inferior conj	-9980 Aug 11 j 12:01	8°♊34'01	-8°51'49	
minimum elong	-9980 Aug 11 j 14:37	8°♊30'03	8°51'13	
morning rise	-9980 Aug 14 j 13:24	6°♊43'28		
direct	-9980 Aug 31 j 16:53	1°♊00'34		
greatest brilliancy	-9980 Sep 10 j 14:28	2°♊54'16	-4.9m	
asc. node	-9980 Oct 02 j 08:41	16°♊40'32		
	-9980 Oct 16 j 22:11	0°♋		
morning max el	-9980 Oct 21 j 00:57	4°♋05'43	46°27'28	
	-9980 Nov 14 j 07:57	0°♌		
	-9980 Dec 10 j 19:46	0°♍		
	-9979 Jan 05 j 16:02	0°♎		
desc. node	-9979 Jan 23 j 08:21	20°♎47'12		
	-9979 Jan 31 j 03:08	0°♏		
	-9979 Feb 25 j 05:29	0°♐		
	-9979 Mar 21 j 22:52	0°♑		
	-9979 Apr 15 j 08:02	0°♒		
morning set	-9979 Apr 18 j 01:41	3°♒23'18		
	-9979 May 09 j 10:39	0°♓		
asc. node	-9979 May 14 j 20:58	6°♓47'35		
max. Earth dist.	-9979 May 20 j 05:40	13°♓30'44	1.71675 AU	
superior conj	-9979 May 24 j 02:47	18°♓22'41	0°21'21	
minimum elong	-9979 May 23 j 22:32	18°♓09'21	0°20'58	
	-9979 Jun 02 j 08:47	0°♈		
	-9979 Jun 26 j 04:38	0°♉		
evening rise	-9979 Jun 30 j 19:19	5°♉48'34		
	-9979 Jul 20 j 00:35	0°♊		
	-9979 Aug 12 j 23:02	0°♋		
desc. node	-9979 Sep 04 j 19:05	28°♋24'04		
	-9979 Sep 06 j 02:05	0°♌		
	-9979 Sep 30 j 11:28	0°♍		
	-9979 Oct 25 j 05:49	0°♎		
	-9979 Nov 19 j 15:48	0°♏		
	-9979 Dec 16 j 11:02	0°♐		
asc. node	-9979 Dec 25 j 14:06	9°♐34'07		
evening max el	-9978 Jan 04 j 04:10	19°♐05'25	44°56'27	
	-9978 Jan 16 j 05:36	0°♑		
greatest brilliancy	-9978 Feb 10 j 15:46	16°♑10'29	-4.7m	
retrograde	-9978 Feb 21 j 02:41	18°♑06'35		
evening set	-9978 Mar 09 j 22:44	12°♑50'44		
inferior conj	-9978 Mar 14 j 12:01	10°♑05'55	6°39'35	
minimum elong	-9978 Mar 14 j 20:27	9°♑52'51	6°37'40	
min. Earth dist.	-9978 Mar 15 j 16:37	9°♑21'38	0.28983 AU	
morning rise	-9978 Mar 19 j 17:38	6°♑56'09		
direct	-9978 Apr 05 j 10:48	1°♑43'48		
greatest brilliancy	-9978 Apr 16 j 16:36	3°♑58'53	-4.8m	
desc. node	-9978 Apr 17 j 17:56	4°♑24'05		
	-9978 May 22 j 06:24	0°♒		
morning max el	-9978 May 25 j 05:48	2°♒53'45	46°25'25	
	-9978 Jun 19 j 18:46	0°♓		
	-9978 Jul 15 j 14:19	0°♈		
asc. node	-9978 Aug 07 j 11:06	27°♈45'49		
	-9978 Aug 09 j 06:43	0°♉		
	-9978 Sep 02 j 11:00	0°♊		
	-9978 Sep 26 j 12:00	0°♋		
	-9978 Oct 20 j 15:03	0°♌		
	-9978 Nov 13 j 22:10	0°♍		
desc. node	-9978 Nov 28 j 07:31	17°♍40'58		
morning set	-9978 Nov 30 j 03:12	19°♍54'56		
	-9978 Dec 08 j 08:37	0°♎		
	-9977 Jan 01 j 20:17	0°♏		
max. Earth dist.	-9977 Jan 07 j 11:51	6°♏55'17	1.73739 AU	
superior conj	-9977 Jan 08 j 04:34	7°♏46'31	-1°13'36	
minimum elong	-9977 Jan 07 j 21:50	7°♏25'52	1°13'47	
	-9977 Jan 26 j 07:24	0°♐		
evening rise	-9977 Feb 13 j 08:36	22°♐09'53		
greatest brilliancy	-9977 Feb 18 j 02:55	28°♐01'05	-3.9m	
	-9977 Feb 19 j 17:38	0°♑		
	-9977 Mar 16 j 03:55	0°♒		
asc. node	-9977 Mar 19 j 21:27	4°♒34'40		
	-9977 Apr 09 j 15:33	0°♓		
	-9977 May 04 j 05:48	0°♈		
	-9977 May 29 j 00:30	0°♉		
	-9977 Jun 23 j 03:45	0°♊		
desc. node	-9977 Jul 10 j 23:01	20°♊45'38		
	-9977 Jul 19 j 01:26	0°♋		
evening max el	-9977 Aug 13 j 13:38	27°♋36'56	47°44'03	
	-9977 Aug 15 j 22:07	0°♌		
greatest brilliancy	-9977 Sep 23 j 15:08	29°♌44'46	-4.9m	
	-9977 Sep 24 j 07:49	0°♍		
retrograde	-9977 Oct 03 j 19:10	1°♍44'47		
	-9977 Oct 12 j 21:34	30°℞♌		
evening set	-9977 Oct 18 j 19:16	27°♌08'30		
min. Earth dist.	-9977 Oct 24 j 01:24	23°♌53'55	0.27638 AU	
inferior conj	-9977 Oct 24 j 16:56	23°♌28'58	-1°28'34	
minimum elong	-9977 Oct 24 j 20:00	23°♌24'03	1°27'15	
morning rise	-9977 Oct 30 j 21:37	19°♌41'47		
asc. node	-9977 Oct 30 j 19:32	19°♌44'40		
direct	-9977 Nov 14 j 08:28	15°♌28'31		
greatest brilliancy	-9977 Nov 23 j 11:26	17°♌02'47	-4.8m	
	-9977 Dec 15 j 06:04	0°♍		
morning max el	-9976 Jan 02 j 07:35	15°♍58'04	46°01'31	
	-9976 Jan 16 j 09:11	0°♎		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9976 Feb 13 j 06:08	0°♏	
desc. node	-9976 Feb 20 j 21:11	8°♏32'40	
	-9976 Mar 10 j 14:54	0°♐	
	-9976 Apr 05 j 01:41	0°♑	
	-9976 Apr 29 j 20:26	0°♒	
	-9976 May 24 j 03:19	0°♓	
asc. node	-9976 Jun 11 j 10:28	22°♓54'00	
	-9976 Jun 17 j 01:56	0°♈	
greatest brilliancy	-9976 Jun 24 j 15:38	9°♈32'39	-3.9m
morning set	-9976 Jun 26 j 10:38	11°♈48'23	
	-9976 Jul 10 j 19:54	0°♉	
	-9976 Aug 03 j 12:42	0°♊	
superior conj	-9976 Aug 05 j 08:41	2°♊19'05	1°23'11
minimum elong	-9976 Aug 05 j 08:00	2°♊16'55	1°23'40
max. Earth dist.	-9976 Aug 08 j 23:27	6°♊53'17	1.70747 AU
	-9976 Aug 27 j 07:24	0°♋	
evening rise	-9976 Sep 17 j 03:46	26°♋08'07	
	-9976 Sep 20 j 06:04	0°♌	
desc. node	-9976 Oct 02 j 07:16	15°♌00'21	
	-9976 Oct 14 j 09:30	0°♍	
	-9976 Nov 07 j 17:46	0°♎	
	-9976 Dec 02 j 07:35	0°♏	
	-9976 Dec 27 j 05:58	0°♐	
	-9975 Jan 21 j 19:43	0°♑	
asc. node	-9975 Jan 22 j 00:44	0°♑14'29	
	-9975 Feb 17 j 14:14	0°♒	
evening max el	-9975 Mar 16 j 23:46	28°♒02'51	45°25'33
	-9975 Mar 19 j 01:38	0°♓	
greatest brilliancy	-9975 Apr 24 j 22:47	25°♓52'43	-4.8m
retrograde	-9975 May 04 j 20:49	27°♓38'14	
desc. node	-9975 May 15 j 04:44	25°♓34'53	
evening set	-9975 May 19 j 08:45	23°♓41'36	
inferior conj	-9975 May 25 j 19:17	20°♓04'05	-2°32'11
minimum elong	-9975 May 25 j 13:39	20°♓12'25	2°30'42
min. Earth dist.	-9975 May 26 j 04:45	19°♓50'03	0.26982 AU
morning rise	-9975 May 31 j 17:43	16°♓40'24	
direct	-9975 Jun 15 j 17:09	12°♓22'08	
greatest brilliancy	-9975 Jun 27 j 01:58	14°♓44'12	-4.9m
	-9975 Jul 20 j 03:06	0°♈	
morning max el	-9975 Aug 05 j 07:15	15°♈19'18	46°44'22
	-9975 Aug 19 j 03:00	0°♉	
asc. node	-9975 Sep 03 j 23:26	17°♉53'56	
	-9975 Sep 14 j 08:08	0°♊	
	-9975 Oct 09 j 10:23	0°♋	
	-9975 Nov 03 j 04:53	0°♌	
	-9975 Nov 27 j 23:02	0°♍	
	-9975 Dec 22 j 18:10	0°♎	
desc. node	-9975 Dec 25 j 21:11	3°♎46'50	
	-9974 Jan 16 j 12:32	0°♏	
morning set	-9974 Feb 08 j 11:54	27°♏58'05	
	-9974 Feb 10 j 03:48	0°♐	
	-9974 Mar 06 j 14:46	0°♑	
max. Earth dist.	-9974 Mar 12 j 01:14	6°♑41'52	1.73376 AU
superior conj	-9974 Mar 15 j 22:53	11°♑30'45	-1°03'23
minimum elong	-9974 Mar 16 j 06:28	11°♑54'09	1°03'44
	-9974 Mar 30 j 21:46	0°♒	
asc. node	-9974 Apr 16 j 10:00	20°♒28'40	
evening rise	-9974 Apr 20 j 05:26	25°♒12'37	
	-9974 Apr 24 j 01:56	0°♓	
	-9974 May 18 j 04:39	0°♈	
	-9974 Jun 11 j 07:21	0°♉	
	-9974 Jul 05 j 11:57	0°♊	
	-9974 Jul 29 j 21:15	0°♋	
desc. node	-9974 Aug 07 j 09:50	10°♋23'37	
	-9974 Aug 23 j 15:21	0°♌	
	-9974 Sep 18 j 01:53	0°♍	
	-9974 Oct 15 j 01:00	0°♎	
evening max el	-9974 Oct 23 j 02:13	8°♎19'01	46°14'45
	-9974 Nov 16 j 11:33	0°♏	
asc. node	-9974 Nov 27 j 06:07	6°♏41'05	
greatest brilliancy	-9974 Nov 30 j 15:24	8°♏12'30	-4.8m
retrograde	-9974 Dec 11 j 23:22	10°♏36'27	
evening set	-9974 Dec 28 j 08:25	5°♏16'48	
inferior conj	-9973 Jan 02 j 07:36	2°♏10'01	6°53'33
minimum elong	-9973 Jan 01 j 23:45	2°♏22'38	6°52'09
min. Earth dist.	-9973 Jan 01 j 23:50	2°♏22'31	0.29398 AU
	-9973 Jan 05 j 17:33	30°℞♎	
morning rise	-9973 Jan 06 j 15:23	29°♎26'37	
direct	-9973 Jan 24 j 00:04	23°♎39'53	
greatest brilliancy	-9973 Feb 02 j 06:13	25°♎13'23	-4.7m
	-9973 Feb 12 j 15:19	0°♏	
morning max el	-9973 Mar 13 j 20:58	23°♏18'23	46°00'07
desc. node	-9973 Mar 20 j 08:58	29°♏36'55	
	-9973 Mar 20 j 18:16	0°♐	
	-9973 Apr 18 j 00:45	0°♑	
	-9973 May 14 j 02:54	0°♒	
	-9973 Jun 08 j 02:00	0°♓	
	-9973 Jul 02 j 08:56	0°♈	
asc. node	-9973 Jul 10 j 00:04	9°♈32'19	
	-9973 Jul 26 j 06:39	0°♉	
	-9973 Aug 19 j 00:39	0°♊	
morning set	-9973 Sep 11 j 22:09	0°♋08'41	
	-9973 Sep 11 j 19:23	0°♋	
	-9973 Oct 05 j 17:52	0°♌	
superior conj	-9973 Oct 24 j 08:33	23°♌09'24	0°14'39
minimum elong	-9973 Oct 24 j 12:32	23°♌21'44	0°14'52
behind sun begin	-9973 Oct 24 j 01:36	22°♌47'50	
behind sun end	-9973 Oct 24 j 23:27	23°♌55'38	
	-9973 Oct 29 j 21:02	0°♍	
max. Earth dist.	-9973 Oct 29 j 22:04	0°♍03'13	1.72365 AU
desc. node	-9973 Oct 30 j 20:15	1°♍11'53	
	-9973 Nov 23 j 04:08	0°♎	
evening rise	-9973 Dec 04 j 09:56	13°♎50'02	
	-9973 Dec 17 j 13:53	0°♏	
	-9972 Jan 11 j 02:01	0°♐	
	-9972 Feb 04 j 18:05	0°♑	
asc. node	-9972 Feb 19 j 11:49	17°♑46'11	
	-9972 Feb 29 j 16:58	0°♒	
	-9972 Mar 26 j 02:24	0°♓	
	-9972 Apr 21 j 04:18	0°♈	
	-9972 May 18 j 14:32	0°♉	
evening max el	-9972 May 29 j 18:59	11°♉24'55	47°09'48
desc. node	-9972 Jun 11 j 15:01	23°♉28'27	
	-9972 Jun 19 j 09:48	0°♊	
greatest brilliancy	-9972 Jul 10 j 00:29	12°♊13'27	-4.9m
retrograde	-9972 Jul 19 j 08:13	13°♊51'31	
evening set	-9972 Aug 06 j 04:10	7°♊46'42	
min. Earth dist.	-9972 Aug 08 j 11:57	6°♊22'15	0.26598 AU
inferior conj	-9972 Aug 09 j 00:08	6°♊03'39	-8°54'03
minimum elong	-9972 Aug 09 j 01:47	6°♊01'08	8°53'31
morning rise	-9972 Aug 11 j 23:31	4°♊16'05	
	-9972 Aug 20 j 18:27	30°℞♉	
direct	-9972 Aug 29 j 05:36	28°♉31'02	
	-9972 Sep 06 j 22:52	0°♊	
greatest brilliancy	-9972 Sep 08 j 02:54	0°♊24'22	-4.9m
asc. node	-9972 Oct 01 j 10:55	15°♊31'02	
	-9972 Oct 16 j 22:34	0°♋	
morning max el	-9972 Oct 18 j 13:55	1°♋38'54	46°28'26
	-9972 Nov 14 j 00:52	0°♌	
	-9972 Dec 10 j 09:57	0°♍	
	-9971 Jan 05 j 04:46	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-9971 Jan 22 j 10:29	20°♎17'43	
	-9971 Jan 30 j 15:01	0°♏	
	-9971 Feb 24 j 16:51	0°♐	
	-9971 Mar 21 j 09:57	0°♑	
	-9971 Apr 14 j 19:01	0°♒	
morning set	-9971 Apr 15 j 20:48	1°♒19'50	
	-9971 May 08 j 21:39	0°♓	
asc. node	-9971 May 13 j 23:13	6°♓20'11	
max. Earth dist.	-9971 May 17 j 18:25	11°♓05'45	1.71739 AU
superior conj	-9971 May 21 j 19:45	16°♓10'47	0°18'12
minimum elong	-9971 May 21 j 16:07	15°♓59'26	0°17'50
	-9971 Jun 01 j 19:52	0°♈	
	-9971 Jun 25 j 15:51	0°♉	
evening rise	-9971 Jun 28 j 08:44	3°♉24'17	
	-9971 Jul 19 j 11:59	0°♊	
	-9971 Aug 12 j 10:40	0°♋	
desc. node	-9971 Sep 03 j 21:10	27°♋53'44	
	-9971 Sep 05 j 13:59	0°♌	
	-9971 Sep 29 j 23:42	0°♍	
	-9971 Oct 24 j 18:40	0°♎	
	-9971 Nov 19 j 05:54	0°♏	
	-9971 Dec 16 j 04:18	0°♐	
asc. node	-9971 Dec 24 j 16:28	8°♐51'02	
evening max el	-9970 Jan 01 j 18:47	16°♐51'55	44°57'31
	-9970 Jan 16 j 11:57	0°♑	
greatest brilliancy	-9970 Feb 08 j 07:33	14°♑02'41	-4.7m
retrograde	-9970 Feb 18 j 18:15	15°♑59'12	
evening set	-9970 Mar 07 j 17:11	10°♑39'24	
inferior conj	-9970 Mar 12 j 04:23	7°♑57'25	6°49'44
minimum elong	-9970 Mar 12 j 12:32	7°♑44'46	6°47'57
min. Earth dist.	-9970 Mar 13 j 08:46	7°♑13'24	0.29044 AU
morning rise	-9970 Mar 17 j 07:20	4°♑51'00	
	-9970 Mar 29 j 09:43	30°℞♐	
direct	-9970 Apr 03 j 03:00	29°♐34'05	
	-9970 Apr 07 j 22:45	0°♑	
greatest brilliancy	-9970 Apr 14 j 08:31	1°♑48'15	-4.8m
desc. node	-9970 Apr 16 j 20:14	2°♑50'17	
	-9970 May 22 j 05:32	0°♒	
morning max el	-9970 May 22 j 20:37	0°♒37'00	46°24'24
	-9970 Jun 19 j 11:06	0°♓	
	-9970 Jul 15 j 04:20	0°♈	
asc. node	-9970 Aug 06 j 13:10	27°♈12'19	
	-9970 Aug 08 j 19:37	0°♉	
	-9970 Sep 01 j 23:17	0°♊	
	-9970 Sep 25 j 23:56	0°♋	
	-9970 Oct 20 j 02:43	0°♌	
	-9970 Nov 13 j 09:36	0°♍	
desc. node	-9970 Nov 27 j 09:42	17°♍12'55	
morning set	-9970 Nov 27 j 16:08	17°♍32'40	
	-9970 Dec 07 j 19:52	0°♎	
	-9969 Jan 01 j 07:22	0°♏	
superior conj	-9969 Jan 05 j 21:33	5°♏37'33	-1°12'16
minimum elong	-9969 Jan 05 j 14:21	5°♏15'30	1°12'23
max. Earth dist.	-9969 Jan 05 j 06:54	4°♏52'41	1.73716 AU
	-9969 Jan 25 j 18:25	0°♐	
evening rise	-9969 Feb 11 j 03:56	20°♐07'54	
greatest brilliancy	-9969 Feb 16 j 13:28	26°♐45'44	-3.9m
	-9969 Feb 19 j 04:43	0°♑	
	-9969 Mar 15 j 15:13	0°♒	
asc. node	-9969 Mar 18 j 23:39	4°♒06'37	
	-9969 Apr 09 j 03:15	0°♓	
	-9969 May 03 j 18:07	0°♈	
	-9969 May 28 j 13:42	0°♉	
	-9969 Jun 22 j 18:20	0°♊	
desc. node	-9969 Jul 10 j 01:13	20°♊05'44	
	-9969 Jul 18 j 18:34	0°♋	
evening max el	-9969 Aug 11 j 03:34	25°♋12'17	47°45'29
	-9969 Aug 15 j 22:07	0°♌	
greatest brilliancy	-9969 Sep 21 j 08:24	27°♌25'09	-4.9m
retrograde	-9969 Oct 01 j 10:11	29°♌23'34	
evening set	-9969 Oct 16 j 11:55	24°♌45'23	
min. Earth dist.	-9969 Oct 21 j 17:12	21°♌32'25	0.27582 AU
inferior conj	-9969 Oct 22 j 08:05	21°♌08'34	-1°49'40
minimum elong	-9969 Oct 22 j 11:51	21°♌02'30	1°48'08
morning rise	-9969 Oct 28 j 12:35	17°♌21'48	
asc. node	-9969 Oct 29 j 21:52	16°♌37'20	
direct	-9969 Nov 11 j 22:16	13°♌08'59	
greatest brilliancy	-9969 Nov 21 j 03:05	14°♌44'48	-4.8m
	-9969 Dec 15 j 16:35	0°♍	
morning max el	-9969 Dec 30 j 22:27	13°♍42'37	46°02'13
	-9968 Jan 16 j 03:53	0°♎	
	-9968 Feb 12 j 20:53	0°♏	
desc. node	-9968 Feb 19 j 23:11	7°♏58'25	
	-9968 Mar 10 j 03:55	0°♐	
	-9968 Apr 04 j 13:48	0°♑	
	-9968 Apr 29 j 08:05	0°♒	
	-9968 May 23 j 14:42	0°♓	
asc. node	-9968 Jun 10 j 12:41	22°♓25'22	
	-9968 Jun 16 j 13:16	0°♈	
greatest brilliancy	-9968 Jun 23 j 16:18	8°♈59'00	-3.9m
morning set	-9968 Jun 24 j 00:31	9°♈24'54	
	-9968 Jul 10 j 07:16	0°♉	
superior conj	-9968 Aug 02 j 18:51	29°♉43'18	1°22'59
minimum elong	-9968 Aug 02 j 17:09	29°♉37'54	1°23'27
	-9968 Aug 03 j 00:08	0°♊	
max. Earth dist.	-9968 Aug 06 j 00:59	3°♊50'17	1.70736 AU
	-9968 Aug 26 j 18:53	0°♋	
evening rise	-9968 Sep 14 j 10:49	23°♋24'16	
	-9968 Sep 19 j 17:36	0°♌	
desc. node	-9968 Oct 01 j 09:30	14°♌31'22	
	-9968 Oct 13 j 21:05	0°♍	
	-9968 Nov 07 j 05:30	0°♎	
	-9968 Dec 01 j 19:37	0°♏	
	-9968 Dec 26 j 18:37	0°♐	
asc. node	-9967 Jan 21 j 02:52	29°♐40'31	
	-9967 Jan 21 j 09:39	0°♑	
	-9967 Feb 17 j 07:04	0°♒	
evening max el	-9967 Mar 14 j 14:09	25°♒46'20	45°23'00
	-9967 Mar 19 j 03:21	0°♓	
greatest brilliancy	-9967 Apr 22 j 10:08	23°♓29'16	-4.8m
retrograde	-9967 May 02 j 09:52	25°♓15'42	
desc. node	-9967 May 14 j 06:57	22°♓33'19	
evening set	-9967 May 16 j 20:51	21°♓19'32	
inferior conj	-9967 May 23 j 07:58	17°♓41'00	-2°10'05
minimum elong	-9967 May 23 j 03:06	17°♓48'12	2°08'49
min. Earth dist.	-9967 May 23 j 18:27	17°♓25'30	0.27033 AU
morning rise	-9967 May 29 j 08:36	14°♓14'36	
direct	-9967 Jun 13 j 07:18	9°♓57'56	
greatest brilliancy	-9967 Jun 24 j 16:14	12°♓20'30	-4.9m
	-9967 Jul 20 j 11:02	0°♈	
morning max el	-9967 Aug 02 j 21:48	12°♈55'26	46°44'08
	-9967 Aug 18 j 21:51	0°♉	
asc. node	-9967 Sep 03 j 01:40	17°♉13'00	
	-9967 Sep 13 j 23:28	0°♊	
	-9967 Oct 09 j 00:06	0°♋	
	-9967 Nov 02 j 17:41	0°♌	
	-9967 Nov 27 j 11:13	0°♍	
	-9967 Dec 22 j 05:54	0°♎	
desc. node	-9967 Dec 24 j 23:16	3°♎17'48	
	-9966 Jan 15 j 23:57	0°♏	
morning set	-9966 Feb 06 j 05:59	25°♏52'32	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9966 Feb 09 j 15:00	0°♐	
	-9966 Mar 06 j 01:53	0°♑	
max. Earth dist.	-9966 Mar 09 j 23:31	4°♑48'23	1.73412 AU
superior conj	-9966 Mar 13 j 18:30	9°♑28'52	-1°05'10
minimum elong	-9966 Mar 14 j 01:57	9°♑51'53	1°05'32
	-9966 Mar 30 j 08:53	0°♒	
asc. node	-9966 Apr 15 j 12:18	20°♒00'57	
evening rise	-9966 Apr 18 j 00:39	23°♒08'19	
	-9966 Apr 23 j 13:12	0°♓	
	-9966 May 17 j 16:09	0°♈	
	-9966 Jun 10 j 19:10	0°♉	
	-9966 Jul 05 j 00:12	0°♊	
	-9966 Jul 29 j 10:04	0°♋	
desc. node	-9966 Aug 06 j 11:53	9°♋50'07	
	-9966 Aug 23 j 05:04	0°♌	
	-9966 Sep 17 j 17:17	0°♍	
	-9966 Oct 14 j 20:36	0°♎	
evening max el	-9966 Oct 20 j 19:08	6°♎06'15	46°18'25
	-9966 Nov 17 j 07:06	0°♏	
asc. node	-9966 Nov 26 j 08:26	5°♏11'07	
greatest brilliancy	-9966 Nov 28 j 09:08	6°♏03'36	-4.8m
retrograde	-9966 Dec 09 j 17:20	8°♏27'28	
evening set	-9966 Dec 25 j 23:28	3°♏11'26	
min. Earth dist.	-9966 Dec 30 j 15:44	0°♏15'37	0.29356 AU
inferior conj	-9966 Dec 31 j 00:55	0°♏00'51	6°43'55
minimum elong	-9966 Dec 30 j 16:49	0°♏13'52	6°42'24
	-9966 Dec 31 j 01:26	30°℞♎	
morning rise	-9965 Jan 04 j 10:33	27°♎14'31	
direct	-9965 Jan 21 j 17:12	21°♎31'32	
greatest brilliancy	-9965 Jan 30 j 20:53	23°♎03'18	-4.7m
	-9965 Feb 13 j 19:02	0°♏	
morning max el	-9965 Mar 11 j 13:30	21°♏09'59	45°59'32
desc. node	-9965 Mar 19 j 11:18	28°♏52'18	
	-9965 Mar 20 j 14:19	0°♐	
	-9965 Apr 17 j 15:57	0°♑	
	-9965 May 13 j 16:13	0°♒	
	-9965 Jun 07 j 14:25	0°♓	
	-9965 Jul 01 j 20:53	0°♈	
asc. node	-9965 Jul 09 j 02:09	9°♈01'47	
	-9965 Jul 25 j 18:20	0°♉	
	-9965 Aug 18 j 12:11	0°♊	
morning set	-9965 Sep 09 j 07:47	27°♊31'56	
	-9965 Sep 11 j 06:51	0°♋	
	-9965 Oct 05 j 05:17	0°♌	
superior conj	-9965 Oct 21 j 18:06	20°♌34'45	0°18'25
minimum elong	-9965 Oct 21 j 23:03	20°♌50'09	0°18'37
max. Earth dist.	-9965 Oct 27 j 14:29	27°♌50'07	1.72301 AU
	-9965 Oct 29 j 08:24	0°♍	
desc. node	-9965 Oct 29 j 22:25	0°♍43'22	
	-9965 Nov 22 j 15:28	0°♎	
evening rise	-9965 Dec 01 j 23:57	11°♎30'49	
	-9965 Dec 17 j 01:13	0°♏	
	-9964 Jan 10 j 13:29	0°♐	
	-9964 Feb 04 j 05:54	0°♑	
asc. node	-9964 Feb 18 j 14:02	17°♑16'16	
	-9964 Feb 29 j 05:30	0°♒	
	-9964 Mar 25 j 16:10	0°♓	
	-9964 Apr 20 j 20:16	0°♈	
	-9964 May 18 j 11:25	0°♉	
evening max el	-9964 May 27 j 08:26	8°♉59'32	47°06'23
desc. node	-9964 Jun 10 j 17:14	22°♉22'11	
	-9964 Jun 20 j 04:33	0°♊	
greatest brilliancy	-9964 Jul 07 j 12:37	9°♊42'35	-4.9m
retrograde	-9964 Jul 16 j 20:06	11°♊20'03	
evening set	-9964 Aug 03 j 15:59	5°♊17'07	
min. Earth dist.	-9964 Aug 06 j 00:11	3°♊52'03	0.26580 AU
inferior conj	-9964 Aug 06 j 12:20	3°♊33'31	-8°55'16
minimum elong	-9964 Aug 06 j 13:02	3°♊32'27	8°54'46
morning rise	-9964 Aug 09 j 10:11	1°♊48'11	
	-9964 Aug 12 j 15:12	30°℞♉	
direct	-9964 Aug 26 j 17:47	26°♉01'40	
greatest brilliancy	-9964 Sep 05 j 15:50	27°♉55'06	-4.9m
	-9964 Sep 10 j 09:51	0°♊	
asc. node	-9964 Sep 30 j 13:16	14°♊23'46	
morning max el	-9964 Oct 16 j 02:03	29°♊09'36	46°29'18
	-9964 Oct 16 j 21:55	0°♋	
	-9964 Nov 13 j 17:36	0°♌	
	-9964 Dec 10 j 00:10	0°♍	
	-9963 Jan 04 j 17:40	0°♎	
desc. node	-9963 Jan 21 j 12:32	19°♎47'27	
	-9963 Jan 30 j 03:05	0°♏	
	-9963 Feb 24 j 04:24	0°♐	
	-9963 Mar 20 j 21:12	0°♑	
morning set	-9963 Apr 13 j 15:39	29°♑15'10	
	-9963 Apr 14 j 06:08	0°♒	
	-9963 May 08 j 08:47	0°♓	
asc. node	-9963 May 13 j 01:20	5°♓51'57	
max. Earth dist.	-9963 May 15 j 08:55	8°♓45'56	1.71805 AU
superior conj	-9963 May 19 j 12:40	13°♓58'24	0°15'03
minimum elong	-9963 May 19 j 09:41	13°♓49'03	0°14'40
behind sun begin	-9963 May 19 j 00:20	13°♓19'43	
behind sun end	-9963 May 19 j 19:03	14°♓18'23	
	-9963 Jun 01 j 07:06	0°♈	
	-9963 Jun 25 j 03:12	0°♉	
evening rise	-9963 Jun 25 j 22:28	1°♉00'37	
	-9963 Jul 18 j 23:29	0°♊	
	-9963 Aug 11 j 22:21	0°♋	
desc. node	-9963 Sep 02 j 23:28	27°♋24'07	
	-9963 Sep 05 j 01:53	0°♌	
	-9963 Sep 29 j 11:56	0°♍	
	-9963 Oct 24 j 07:32	0°♎	
	-9963 Nov 18 j 20:08	0°♏	
	-9963 Dec 15 j 22:00	0°♐	
asc. node	-9963 Dec 23 j 18:37	8°♐06'33	
evening max el	-9963 Dec 30 j 09:12	14°♐37'35	44°58'37
	-9962 Jan 16 j 21:01	0°♑	
greatest brilliancy	-9962 Feb 05 j 22:46	11°♑53'43	-4.7m
retrograde	-9962 Feb 16 j 10:10	13°♑51'28	
evening set	-9962 Mar 05 j 11:28	8°♑27'33	
inferior conj	-9962 Mar 09 j 20:42	5°♑48'23	6°59'18
minimum elong	-9962 Mar 10 j 04:30	5°♑36'16	6°57'38
min. Earth dist.	-9962 Mar 11 j 00:44	5°♑04'52	0.29105 AU
morning rise	-9962 Mar 14 j 20:59	2°♑45'34	
	-9962 Mar 20 j 05:15	30°℞♐	
direct	-9962 Mar 31 j 19:00	27°♐23'48	
greatest brilliancy	-9962 Apr 12 j 00:32	29°♐37'35	-4.8m
	-9962 Apr 12 j 23:22	0°♑	
desc. node	-9962 Apr 15 j 22:27	1°♑19'15	
morning max el	-9962 May 20 j 12:09	28°♑22'03	46°23'25
	-9962 May 22 j 03:49	0°♒	
	-9962 Jun 19 j 03:12	0°♓	
	-9962 Jul 14 j 18:12	0°♈	
asc. node	-9962 Aug 05 j 15:19	26°♈39'15	
	-9962 Aug 08 j 08:25	0°♉	
	-9962 Sep 01 j 11:30	0°♊	
	-9962 Sep 25 j 11:45	0°♋	
	-9962 Oct 19 j 14:14	0°♌	
	-9962 Nov 12 j 20:52	0°♍	
morning set	-9962 Nov 25 j 05:14	15°♍11'15	
desc. node	-9962 Nov 26 j 11:45	16°♍44'58	
	-9962 Dec 07 j 06:56	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9962 Dec 31 j 18:19	0°♏	
max. Earth dist.	-9961 Jan 03 j 01:42	2°♏49'42	1.73700 AU
superior conj	-9961 Jan 03 j 14:31	3°♏29'00	-1°10'47
minimum elong	-9961 Jan 03 j 06:54	3°♏05'37	1°10'53
	-9961 Jan 25 j 05:20	0°♐	
evening rise	-9961 Feb 08 j 23:10	18°♐05'57	
greatest brilliancy	-9961 Feb 15 j 01:06	25°♐33'59	-3.9m
	-9961 Feb 18 j 15:44	0°♑	
	-9961 Mar 15 j 02:27	0°♒	
asc. node	-9961 Mar 18 j 01:55	3°♒38'59	
	-9961 Apr 08 j 14:54	0°♓	
	-9961 May 03 j 06:23	0°♈	
	-9961 May 28 j 02:54	0°♉	
	-9961 Jun 22 j 08:59	0°♊	
desc. node	-9961 Jul 09 j 03:20	19°♊25'35	
	-9961 Jul 18 j 11:56	0°♋	
evening max el	-9961 Aug 08 j 18:18	22°♋50'07	47°46'51
	-9961 Aug 15 j 23:05	0°♌	
greatest brilliancy	-9961 Sep 19 j 01:11	25°♌05'17	-4.9m
retrograde	-9961 Sep 29 j 01:41	27°♌02'49	
evening set	-9961 Oct 14 j 04:39	22°♌22'23	
inferior conj	-9961 Oct 19 j 23:09	18°♌48'32	-2°10'48
minimum elong	-9961 Oct 20 j 03:38	18°♌41'22	2°09'02
min. Earth dist.	-9961 Oct 19 j 08:42	19°♌11'39	0.27524 AU
morning rise	-9961 Oct 26 j 03:22	15°♌02'42	
asc. node	-9961 Oct 29 j 00:03	13°♌34'47	
direct	-9961 Nov 09 j 12:13	10°♌49'55	
greatest brilliancy	-9961 Nov 18 j 18:15	12°♌27'03	-4.8m
	-9961 Dec 15 j 23:53	0°♍	
morning max el	-9961 Dec 28 j 14:09	11°♍30'06	46°02'57
	-9960 Jan 15 j 21:46	0°♎	
	-9960 Feb 12 j 11:09	0°♏	
desc. node	-9960 Feb 19 j 01:29	7°♏26'02	
	-9960 Mar 09 j 16:36	0°♐	
	-9960 Apr 04 j 01:40	0°♑	
	-9960 Apr 28 j 19:30	0°♒	
	-9960 May 23 j 01:54	0°♓	
asc. node	-9960 Jun 09 j 14:46	21°♓56'54	
	-9960 Jun 16 j 00:23	0°♈	
morning set	-9960 Jun 21 j 14:31	7°♈02'36	
	-9960 Jul 09 j 18:24	0°♉	
superior conj	-9960 Jul 31 j 05:08	27°♉08'39	1°22'37
minimum elong	-9960 Jul 31 j 02:25	27°♉00'05	1°23'03
	-9960 Aug 02 j 11:19	0°♊	
max. Earth dist.	-9960 Aug 03 j 06:04	0°♊59'17	1.70727 AU
	-9960 Aug 26 j 06:08	0°♋	
evening rise	-9960 Sep 11 j 17:54	20°♋41'09	
	-9960 Sep 19 j 04:53	0°♌	
desc. node	-9960 Sep 30 j 11:39	14°♌02'51	
	-9960 Oct 13 j 08:25	0°♍	
	-9960 Nov 06 j 16:56	0°♎	
	-9960 Dec 01 j 07:19	0°♏	
	-9960 Dec 26 j 06:56	0°♐	
asc. node	-9959 Jan 20 j 05:09	29°♐08'01	
	-9959 Jan 20 j 23:18	0°♑	
	-9959 Feb 16 j 23:49	0°♒	
evening max el	-9959 Mar 12 j 05:16	23°♒32'39	45°20'17
	-9959 Mar 19 j 06:05	0°♓	
greatest brilliancy	-9959 Apr 19 j 21:47	21°♓07'11	-4.8m
retrograde	-9959 Apr 29 j 22:35	22°♓53'55	
desc. node	-9959 May 13 j 09:06	19°♓28'19	
evening set	-9959 May 14 j 09:13	18°♓58'16	
inferior conj	-9959 May 20 j 20:39	15°♓18'50	-1°47'42
minimum elong	-9959 May 20 j 16:36	15°♓24'50	1°46'42
min. Earth dist.	-9959 May 21 j 08:13	15°♓01'41	0.27087 AU
morning rise	-9959 May 26 j 23:16	11°♓49'41	
direct	-9959 Jun 10 j 21:39	7°♓34'46	
greatest brilliancy	-9959 Jun 22 j 06:12	9°♓57'08	-4.9m
	-9959 Jul 20 j 16:26	0°♈	
morning max el	-9959 Jul 31 j 11:48	10°♈31'05	46°43'55
	-9959 Aug 18 j 15:58	0°♉	
asc. node	-9959 Sep 02 j 04:00	16°♉33'42	
	-9959 Sep 13 j 14:17	0°♊	
	-9959 Oct 08 j 13:24	0°♋	
	-9959 Nov 02 j 06:05	0°♌	
	-9959 Nov 26 j 23:00	0°♍	
	-9959 Dec 21 j 17:15	0°♎	
desc. node	-9959 Dec 24 j 01:20	2°♎49'51	
	-9958 Jan 15 j 10:58	0°♏	
morning set	-9958 Feb 04 j 00:23	23°♏49'11	
	-9958 Feb 09 j 01:48	0°♐	
	-9958 Mar 05 j 12:34	0°♑	
max. Earth dist.	-9958 Mar 07 j 21:38	2°♑55'41	1.73448 AU
superior conj	-9958 Mar 11 j 14:26	7°♑29'17	-1°06'51
minimum elong	-9958 Mar 11 j 21:42	7°♑51'43	1°07'14
	-9958 Mar 29 j 19:38	0°♒	
asc. node	-9958 Apr 14 j 14:27	19°♒33'52	
evening rise	-9958 Apr 15 j 20:05	21°♒05'52	
	-9958 Apr 23 j 00:08	0°♓	
	-9958 May 17 j 03:23	0°♈	
	-9958 Jun 10 j 06:45	0°♉	
	-9958 Jul 04 j 12:12	0°♊	
	-9958 Jul 28 j 22:39	0°♋	
desc. node	-9958 Aug 05 j 14:13	9°♋18'15	
	-9958 Aug 22 j 18:34	0°♌	
	-9958 Sep 17 j 08:32	0°♍	
	-9958 Oct 14 j 16:22	0°♎	
evening max el	-9958 Oct 18 j 11:45	3°♎53'32	46°22'04
	-9958 Nov 18 j 09:04	0°♏	
asc. node	-9958 Nov 25 j 10:38	3°♏39'16	
greatest brilliancy	-9958 Nov 26 j 03:38	3°♏56'46	-4.8m
retrograde	-9958 Dec 07 j 11:00	6°♏19'46	
evening set	-9958 Dec 23 j 14:44	1°♏07'30	
	-9958 Dec 25 j 11:01	30°℞♎	
inferior conj	-9958 Dec 28 j 18:24	27°♎53'14	6°33'41
minimum elong	-9958 Dec 28 j 10:07	28°♎06'35	6°32'07
min. Earth dist.	-9958 Dec 28 j 08:14	28°♎09'38	0.29308 AU
morning rise	-9957 Jan 02 j 05:54	25°♎03'47	
direct	-9957 Jan 19 j 10:13	19°♎24'51	
greatest brilliancy	-9957 Jan 28 j 12:10	20°♎55'11	-4.7m
	-9957 Feb 14 j 14:32	0°♏	
morning max el	-9957 Mar 09 j 05:18	19°♏01'16	45°59'05
desc. node	-9957 Mar 18 j 13:26	28°♏09'21	
	-9957 Mar 20 j 09:13	0°♐	
	-9957 Apr 17 j 06:27	0°♑	
	-9957 May 13 j 05:02	0°♒	
	-9957 Jun 07 j 02:27	0°♓	
	-9957 Jul 01 j 08:32	0°♈	
asc. node	-9957 Jul 08 j 04:21	8°♈32'27	
	-9957 Jul 25 j 05:47	0°♉	
	-9957 Aug 17 j 23:30	0°♊	
morning set	-9957 Sep 06 j 17:08	24°♊54'54	
	-9957 Sep 10 j 18:04	0°♋	
	-9957 Oct 04 j 16:25	0°♌	
superior conj	-9957 Oct 19 j 03:24	18°♌00'10	0°22'11
minimum elong	-9957 Oct 19 j 09:19	18°♌18'32	0°22'20
max. Earth dist.	-9957 Oct 25 j 07:03	25°♌38'20	1.72230 AU
	-9957 Oct 28 j 19:29	0°♍	
desc. node	-9957 Oct 29 j 00:29	0°♍15'27	
	-9957 Nov 22 j 02:30	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-9957 Nov 29 j 13:46	9°♎11'46	
	-9957 Dec 16 j 12:15	0°♏	
	-9956 Jan 10 j 00:39	0°♐	
	-9956 Feb 03 j 17:25	0°♑	
asc. node	-9956 Feb 17 j 16:24	16°♑47'49	
	-9956 Feb 28 j 17:42	0°♒	
	-9956 Mar 25 j 05:37	0°♓	
	-9956 Apr 20 j 12:03	0°♈	
	-9956 May 18 j 08:34	0°♉	
evening max el	-9956 May 24 j 20:45	6°♉32'26	47°02'38
desc. node	-9956 Jun 09 j 19:23	21°♉14'51	
	-9956 Jun 21 j 05:15	0°♊	
greatest brilliancy	-9956 Jul 05 j 00:58	7°♊12'15	-4.9m
retrograde	-9956 Jul 14 j 07:25	8°♊48'50	
evening set	-9956 Aug 01 j 02:56	2°♊48'31	
min. Earth dist.	-9956 Aug 03 j 12:42	1°♊21'16	0.26571 AU
inferior conj	-9956 Aug 04 j 00:21	1°♊03'29	-8°55'13
minimum elong	-9956 Aug 04 j 00:05	1°♊03'54	8°54'45
	-9956 Aug 05 j 18:09	30°℞♉	
morning rise	-9956 Aug 06 j 21:17	29°♉19'30	
direct	-9956 Aug 24 j 05:26	23°♉31'55	
greatest brilliancy	-9956 Sep 03 j 05:26	25°♉26'31	-4.9m
	-9956 Sep 12 j 08:57	0°♊	
asc. node	-9956 Sep 29 j 15:24	13°♊17'55	
morning max el	-9956 Oct 13 j 13:54	26°♊39'33	46°30'20
	-9956 Oct 16 j 20:16	0°♋	
	-9956 Nov 13 j 09:54	0°♌	
	-9956 Dec 09 j 14:02	0°♍	
	-9955 Jan 04 j 06:14	0°♎	
desc. node	-9955 Jan 20 j 14:47	19°♎18'35	
	-9955 Jan 29 j 14:51	0°♏	
	-9955 Feb 23 j 15:40	0°♐	
	-9955 Mar 20 j 08:11	0°♑	
morning set	-9955 Apr 11 j 10:59	27°♑12'52	
	-9955 Apr 13 j 16:59	0°♒	
	-9955 May 07 j 19:38	0°♓	
asc. node	-9955 May 12 j 03:31	5°♓24'48	
max. Earth dist.	-9955 May 13 j 02:44	6°♓37'29	1.71869 AU
superior conj	-9955 May 17 j 06:12	11°♓48'54	0°11'54
minimum elong	-9955 May 17 j 03:51	11°♓41'32	0°11'33
behind sun begin	-9955 May 16 j 11:51	10°♓51'24	
behind sun end	-9955 May 17 j 19:51	12°♓31'41	
	-9955 May 31 j 18:01	0°♈	
evening rise	-9955 Jun 23 j 12:53	28°♈40'05	
	-9955 Jun 24 j 14:17	0°♉	
	-9955 Jul 18 j 10:47	0°♊	
	-9955 Aug 11 j 09:54	0°♋	
desc. node	-9955 Sep 02 j 01:36	26°♋54'12	
	-9955 Sep 04 j 13:43	0°♌	
	-9955 Sep 29 j 00:09	0°♍	
	-9955 Oct 23 j 20:25	0°♎	
	-9955 Nov 18 j 10:27	0°♏	
	-9955 Dec 15 j 16:02	0°♐	
asc. node	-9955 Dec 22 j 20:55	7°♐22'10	
evening max el	-9955 Dec 27 j 23:59	12°♐24'29	45°00'01
	-9954 Jan 17 j 09:04	0°♑	
greatest brilliancy	-9954 Feb 03 j 13:30	9°♑44'46	-4.7m
retrograde	-9954 Feb 14 j 02:38	11°♑44'25	
evening set	-9954 Mar 03 j 05:47	6°♑16'21	
inferior conj	-9954 Mar 07 j 13:05	3°♑39'57	7°08'18
minimum elong	-9954 Mar 07 j 20:32	3°♑28'23	7°06'45
min. Earth dist.	-9954 Mar 08 j 16:29	2°♑57'25	0.29162 AU
morning rise	-9954 Mar 12 j 10:45	0°♑40'53	
	-9954 Mar 13 j 15:26	30°℞♐	
direct	-9954 Mar 29 j 11:28	25°♐14'09	
greatest brilliancy	-9954 Apr 09 j 16:20	27°♐27'29	-4.7m
desc. node	-9954 Apr 15 j 00:33	29°♐51'44	
	-9954 Apr 15 j 06:53	0°♑	
morning max el	-9954 May 18 j 04:41	26°♑10'25	46°22'36
	-9954 May 22 j 01:02	0°♒	
	-9954 Jun 18 j 18:48	0°♓	
	-9954 Jul 14 j 07:45	0°♈	
asc. node	-9954 Aug 04 j 17:40	26°♈07'28	
	-9954 Aug 07 j 21:00	0°♉	
	-9954 Aug 31 j 23:34	0°♊	
	-9954 Sep 24 j 23:31	0°♋	
	-9954 Oct 19 j 01:46	0°♌	
	-9954 Nov 12 j 08:11	0°♍	
morning set	-9954 Nov 22 j 17:35	12°♍47'15	
desc. node	-9954 Nov 25 j 13:54	16°♍17'06	
	-9954 Dec 06 j 18:03	0°♎	
	-9954 Dec 31 j 05:18	0°♏	
superior conj	-9953 Jan 01 j 06:52	1°♏18'21	-1°09'11
minimum elong	-9954 Dec 31 j 22:50	0°♏53'45	1°09'14
max. Earth dist.	-9954 Dec 31 j 21:11	0°♏48'40	1.73678 AU
	-9953 Jan 24 j 16:18	0°♐	
evening rise	-9953 Feb 06 j 18:09	16°♐03'12	
greatest brilliancy	-9953 Feb 13 j 15:34	24°♐30'54	-3.9m
	-9953 Feb 18 j 02:47	0°♑	
	-9953 Mar 14 j 13:44	0°♒	
asc. node	-9953 Mar 17 j 04:05	3°♒10'53	
	-9953 Apr 08 j 02:36	0°♓	
	-9953 May 02 j 18:42	0°♈	
	-9953 May 27 j 16:07	0°♉	
	-9953 Jun 21 j 23:40	0°♊	
desc. node	-9953 Jul 08 j 05:41	18°♊46'09	
	-9953 Jul 18 j 05:29	0°♋	
evening max el	-9953 Aug 06 j 09:55	20°♋30'34	47°47'55
	-9953 Aug 16 j 01:13	0°♌	
greatest brilliancy	-9953 Sep 16 j 17:12	22°♌44'14	-4.9m
retrograde	-9953 Sep 26 j 17:22	24°♌41'23	
evening set	-9953 Oct 11 j 21:25	19°♌58'26	
min. Earth dist.	-9953 Oct 16 j 23:46	16°♌50'25	0.27474 AU
inferior conj	-9953 Oct 17 j 14:05	16°♌27'36	-2°31'50
minimum elong	-9953 Oct 17 j 19:15	16°♌19'21	2°29'51
morning rise	-9953 Oct 23 j 17:52	12°♌43'02	
asc. node	-9953 Oct 28 j 02:19	10°♌35'50	
direct	-9953 Nov 07 j 02:37	8°♌29'56	
greatest brilliancy	-9953 Nov 16 j 09:00	10°♌07'52	-4.8m
	-9953 Dec 16 j 05:22	0°♍	
morning max el	-9953 Dec 26 j 06:31	9°♍18'21	46°03'34
	-9952 Jan 15 j 15:33	0°♎	
	-9952 Feb 12 j 01:31	0°♏	
desc. node	-9952 Feb 18 j 03:38	6°♏52'50	
	-9952 Mar 09 j 05:24	0°♐	
	-9952 Apr 03 j 13:39	0°♑	
	-9952 Apr 28 j 07:02	0°♒	
	-9952 May 22 j 13:13	0°♓	
asc. node	-9952 Jun 08 j 17:00	21°♓28'31	
	-9952 Jun 15 j 11:37	0°♈	
morning set	-9952 Jun 19 j 04:59	4°♈41'32	
	-9952 Jul 09 j 05:38	0°♉	
superior conj	-9952 Jul 28 j 16:07	24°♉36'00	1°22'05
minimum elong	-9952 Jul 28 j 12:27	24°♉24'23	1°22'29
max. Earth dist.	-9952 Jul 31 j 12:08	28°♉11'05	1.70715 AU
	-9952 Aug 01 j 22:35	0°♊	
	-9952 Aug 25 j 17:26	0°♋	
evening rise	-9952 Sep 09 j 01:25	17°♋59'02	
	-9952 Sep 18 j 16:14	0°♌	
desc. node	-9952 Sep 29 j 13:44	13°♌33'51	
	-9952 Oct 12 j 19:53	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9952 Nov 06 j 04:35	0°♎	
	-9952 Nov 30 j 19:18	0°♏	
	-9952 Dec 25 j 19:36	0°♐	
asc. node	-9951 Jan 19 j 07:30	28°♐34'34	
	-9951 Jan 20 j 13:25	0°♑	
	-9951 Feb 16 j 17:16	0°♒	
evening max el	-9951 Mar 09 j 20:09	21°♒17'32	45°17'43
	-9951 Mar 19 j 10:54	0°♓	
greatest brilliancy	-9951 Apr 17 j 10:05	18°♓45'21	-4.8m
retrograde	-9951 Apr 27 j 10:51	20°♓31'38	
evening set	-9951 May 11 j 21:51	16°♓36'20	
desc. node	-9951 May 12 j 11:23	16°♓18'49	
inferior conj	-9951 May 18 j 09:24	12°♓56'18	-1°25'12
minimum elong	-9951 May 18 j 06:10	13°♓01'05	1°24'29
min. Earth dist.	-9951 May 18 j 22:18	12°♓37'07	0.27139 AU
morning rise	-9951 May 24 j 13:44	9°♓24'24	
direct	-9951 Jun 08 j 11:42	5°♓11'10	
greatest brilliancy	-9951 Jun 19 j 20:22	7°♓33'20	-4.9m
	-9951 Jul 20 j 20:18	0°♈	
morning max el	-9951 Jul 29 j 00:59	8°♈04'02	46°43'47
	-9951 Aug 18 j 09:53	0°♉	
asc. node	-9951 Sep 01 j 06:04	15°♉53'27	
	-9951 Sep 13 j 05:06	0°♊	
	-9951 Oct 08 j 02:44	0°♋	
	-9951 Nov 01 j 18:35	0°♌	
	-9951 Nov 26 j 10:58	0°♍	
	-9951 Dec 21 j 04:50	0°♎	
desc. node	-9951 Dec 23 j 03:33	2°♎21'34	
	-9950 Jan 14 j 22:16	0°♏	
morning set	-9950 Feb 01 j 18:22	21°♏43'34	
	-9950 Feb 08 j 12:55	0°♐	
	-9950 Mar 04 j 23:37	0°♑	
max. Earth dist.	-9950 Mar 05 j 17:23	0°♑54'43	1.73482 AU
superior conj	-9950 Mar 09 j 10:00	5°♑27'39	-1°08'27
minimum elong	-9950 Mar 09 j 17:03	5°♑49'23	1°08'51
	-9950 Mar 29 j 06:43	0°♒	
evening rise	-9950 Apr 13 j 15:14	19°♒01'35	
asc. node	-9950 Apr 13 j 16:35	19°♒05'47	
	-9950 Apr 22 j 11:24	0°♓	
	-9950 May 16 j 14:55	0°♈	
	-9950 Jun 09 j 18:39	0°♉	
	-9950 Jul 04 j 00:33	0°♊	
	-9950 Jul 28 j 11:35	0°♋	
desc. node	-9950 Aug 04 j 16:24	8°♋44'56	
	-9950 Aug 22 j 08:26	0°♌	
	-9950 Sep 17 j 00:14	0°♍	
	-9950 Oct 14 j 12:57	0°♎	
evening max el	-9950 Oct 16 j 03:27	1°♎37'49	46°25'43
	-9950 Nov 19 j 22:54	0°♏	
greatest brilliancy	-9950 Nov 23 j 22:15	1°♏49'15	-4.8m
asc. node	-9950 Nov 24 j 12:56	2°♏03'38	
retrograde	-9950 Dec 05 j 04:16	4°♏11'19	
	-9950 Dec 19 j 13:54	30°℞♎	
evening set	-9950 Dec 21 j 06:00	29°♎02'39	
inferior conj	-9950 Dec 26 j 11:54	25°♎44'50	6°22'51
minimum elong	-9950 Dec 26 j 03:28	25°♎58'28	6°21'12
min. Earth dist.	-9950 Dec 26 j 01:02	26°♎02'25	0.29264 AU
morning rise	-9950 Dec 31 j 01:19	22°♎52'10	
direct	-9949 Jan 17 j 02:50	17°♎17'12	
greatest brilliancy	-9949 Jan 26 j 04:12	18°♎46'47	-4.7m
	-9949 Feb 15 j 05:39	0°♏	
morning max el	-9949 Mar 06 j 20:36	16°♏50'04	45°58'34
desc. node	-9949 Mar 17 j 15:32	27°♏25'36	
	-9949 Mar 20 j 04:07	0°♐	
	-9949 Apr 16 j 21:16	0°♑	
	-9949 May 12 j 18:12	0°♒	
	-9949 Jun 06 j 14:48	0°♓	
	-9949 Jun 30 j 20:27	0°♈	
asc. node	-9949 Jul 07 j 06:35	8°♈02'19	
	-9949 Jul 24 j 17:29	0°♉	
	-9949 Aug 17 j 11:05	0°♊	
morning set	-9949 Sep 04 j 02:29	22°♊16'47	
	-9949 Sep 10 j 05:35	0°♋	
	-9949 Oct 04 j 03:51	0°♌	
superior conj	-9949 Oct 16 j 12:49	15°♌24'57	0°25'52
minimum elong	-9949 Oct 16 j 19:38	15°♌46'10	0°26'01
max. Earth dist.	-9949 Oct 22 j 21:35	23°♌19'19	1.72155 AU
desc. node	-9949 Oct 28 j 02:39	29°♌47'01	
	-9949 Oct 28 j 06:50	0°♍	
	-9949 Nov 21 j 13:47	0°♎	
evening rise	-9949 Nov 27 j 03:33	6°♎51'48	
	-9949 Dec 15 j 23:32	0°♏	
	-9948 Jan 09 j 12:06	0°♐	
	-9948 Feb 03 j 05:18	0°♑	
asc. node	-9948 Feb 16 j 18:30	16°♑17'28	
	-9948 Feb 28 j 06:21	0°♒	
	-9948 Mar 24 j 19:37	0°♓	
	-9948 Apr 20 j 04:32	0°♈	
	-9948 May 18 j 06:59	0°♉	
evening max el	-9948 May 22 j 08:33	4°♉03'05	46°59'04
desc. node	-9948 Jun 08 j 21:42	20°♉04'51	
	-9948 Jun 22 j 16:09	0°♊	
greatest brilliancy	-9948 Jul 02 j 13:06	4°♊40'41	-4.9m
retrograde	-9948 Jul 11 j 18:48	6°♊16'56	
evening set	-9948 Jul 29 j 13:17	0°♊19'42	
	-9948 Jul 30 j 02:33	30°℞♉	
min. Earth dist.	-9948 Aug 01 j 01:05	28°♉49'45	0.26561 AU
inferior conj	-9948 Aug 01 j 12:22	28°♉32'35	-8°54'05
minimum elong	-9948 Aug 01 j 11:06	28°♉34'31	8°53'36
morning rise	-9948 Aug 04 j 08:56	26°♉49'19	
direct	-9948 Aug 21 j 17:01	21°♉01'04	
greatest brilliancy	-9948 Aug 31 j 19:13	22°♉57'22	-4.9m
	-9948 Sep 13 j 17:16	0°♊	
asc. node	-9948 Sep 28 j 17:41	12°♊13'17	
morning max el	-9948 Oct 11 j 02:26	24°♊10'17	46°31'24
	-9948 Oct 16 j 18:05	0°♋	
	-9948 Nov 13 j 02:12	0°♌	
	-9948 Dec 09 j 04:03	0°♍	
	-9947 Jan 03 j 18:58	0°♎	
desc. node	-9947 Jan 19 j 16:52	18°♎48'34	
	-9947 Jan 29 j 02:49	0°♏	
	-9947 Feb 23 j 03:10	0°♐	
	-9947 Mar 19 j 19:26	0°♑	
morning set	-9947 Apr 09 j 06:13	25°♑09'20	
	-9947 Apr 13 j 04:10	0°♒	
	-9947 May 07 j 06:50	0°♓	
max. Earth dist.	-9947 May 10 j 20:25	4°♓27'33	1.71933 AU
asc. node	-9947 May 11 j 05:45	4°♓56'44	
superior conj	-9947 May 14 j 23:32	9°♓37'44	0°08'44
minimum elong	-9947 May 14 j 21:50	9°♓32'24	0°08'24
behind sun begin	-9947 May 14 j 02:15	8°♓31'05	
behind sun end	-9947 May 15 j 17:25	10°♓33'43	
	-9947 May 31 j 05:18	0°♈	
evening rise	-9947 Jun 21 j 03:11	26°♈18'10	
	-9947 Jun 24 j 01:43	0°♉	
	-9947 Jul 17 j 22:24	0°♊	
	-9947 Aug 10 j 21:44	0°♋	
desc. node	-9947 Sep 01 j 03:41	26°♋23'21	
	-9947 Sep 04 j 01:49	0°♌	
	-9947 Sep 28 j 12:39	0°♍	
	-9947 Oct 23 j 09:36	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9947 Nov 18 j 01:08	0°♏	
	-9947 Dec 15 j 10:43	0°♐	
asc. node	-9947 Dec 21 j 23:18	6°♐36'52	
evening max el	-9947 Dec 25 j 15:46	10°♐13'21	45°01'35
	-9946 Jan 18 j 01:25	0°♑	
greatest brilliancy	-9946 Feb 01 j 04:01	7°♑35'40	-4.7m
retrograde	-9946 Feb 11 j 19:33	9°♑37'28	
evening set	-9946 Mar 01 j 00:11	4°♑05'35	
inferior conj	-9946 Mar 05 j 05:39	1°♑31'32	7°16'28
minimum elong	-9946 Mar 05 j 12:42	1°♑20'35	7°15'02
min. Earth dist.	-9946 Mar 06 j 07:55	0°♑50'46	0.29219 AU
	-9946 Mar 07 j 16:51	30°℞♐	
morning rise	-9946 Mar 10 j 00:47	28°♐36'12	
direct	-9946 Mar 27 j 04:43	23°♐04'47	
greatest brilliancy	-9946 Apr 07 j 07:40	25°♐16'51	-4.7m
desc. node	-9946 Apr 14 j 02:51	28°♐27'06	
	-9946 Apr 16 j 19:02	0°♑	
morning max el	-9946 May 15 j 21:46	23°♑59'42	46°21'29
	-9946 May 21 j 21:51	0°♒	
	-9946 Jun 18 j 10:30	0°♓	
	-9946 Jul 13 j 21:31	0°♈	
asc. node	-9946 Aug 03 j 19:44	25°♈33'57	
	-9946 Aug 07 j 09:49	0°♉	
	-9946 Aug 31 j 11:51	0°♊	
	-9946 Sep 24 j 11:27	0°♋	
	-9946 Oct 18 j 13:26	0°♌	
	-9946 Nov 11 j 19:37	0°♍	
morning set	-9946 Nov 20 j 05:59	10°♍22'49	
desc. node	-9946 Nov 24 j 16:03	15°♍48'53	
	-9946 Dec 06 j 05:18	0°♎	
superior conj	-9946 Dec 29 j 23:16	29°♎07'24	-1°07'29
minimum elong	-9946 Dec 29 j 14:54	28°♎41'43	1°07'29
max. Earth dist.	-9946 Dec 29 j 18:09	28°♎51'43	1.73654 AU
	-9946 Dec 30 j 16:26	0°♏	
	-9945 Jan 24 j 03:22	0°♐	
evening rise	-9945 Feb 04 j 13:23	14°♐00'56	
greatest brilliancy	-9945 Feb 12 j 09:13	23°♐37'21	-3.9m
	-9945 Feb 17 j 13:55	0°♑	
	-9945 Mar 14 j 01:06	0°♒	
asc. node	-9945 Mar 16 j 06:18	2°♒42'48	
	-9945 Apr 07 j 14:24	0°♓	
	-9945 May 02 j 07:12	0°♈	
	-9945 May 27 j 05:38	0°♉	
	-9945 Jun 21 j 14:46	0°♊	
desc. node	-9945 Jul 07 j 07:51	18°♊04'55	
	-9945 Jul 17 j 23:43	0°♋	
evening max el	-9945 Aug 04 j 02:23	18°♋12'20	47°48'55
	-9945 Aug 16 j 05:13	0°♌	
greatest brilliancy	-9945 Sep 14 j 09:03	20°♌22'11	-4.9m
retrograde	-9945 Sep 24 j 09:06	22°♌18'50	
evening set	-9945 Oct 09 j 14:15	17°♌33'33	
min. Earth dist.	-9945 Oct 14 j 14:34	14°♌28'32	0.27419 AU
inferior conj	-9945 Oct 15 j 04:53	14°♌05'45	-2°52'41
minimum elong	-9945 Oct 15 j 10:43	13°♌56'29	2°50'32
morning rise	-9945 Oct 21 j 08:00	10°♌22'42	
asc. node	-9945 Oct 27 j 04:38	7°♌40'57	
direct	-9945 Nov 04 j 17:16	6°♌09'23	
greatest brilliancy	-9945 Nov 13 j 23:15	7°♌47'33	-4.8m
	-9945 Dec 16 j 09:06	0°♍	
morning max el	-9945 Dec 23 j 22:35	7°♍05'43	46°04'13
	-9944 Jan 15 j 08:58	0°♎	
	-9944 Feb 11 j 15:43	0°♏	
desc. node	-9944 Feb 17 j 05:39	6°♏19'29	
	-9944 Mar 08 j 18:06	0°♐	
	-9944 Apr 03 j 01:33	0°♑	
	-9944 Apr 27 j 18:30	0°♒	
	-9944 May 22 j 00:28	0°♓	
asc. node	-9944 Jun 07 j 19:12	21°♓00'10	
	-9944 Jun 14 j 22:50	0°♈	
morning set	-9944 Jun 16 j 19:39	2°♈21'09	
	-9944 Jul 08 j 16:54	0°♉	
superior conj	-9944 Jul 26 j 03:04	22°♉03'01	1°21'21
minimum elong	-9944 Jul 25 j 22:30	21°♉48'34	1°21'44
max. Earth dist.	-9944 Jul 28 j 13:53	25°♉09'01	1.70713 AU
	-9944 Aug 01 j 09:56	0°♊	
	-9944 Aug 25 j 04:50	0°♋	
evening rise	-9944 Sep 06 j 08:22	15°♋14'43	
	-9944 Sep 18 j 03:41	0°♌	
desc. node	-9944 Sep 28 j 15:58	13°♌05'08	
	-9944 Oct 12 j 07:24	0°♍	
	-9944 Nov 05 j 16:15	0°♎	
	-9944 Nov 30 j 07:17	0°♏	
	-9944 Dec 25 j 08:16	0°♐	
asc. node	-9943 Jan 18 j 09:38	28°♐00'36	
	-9943 Jan 20 j 03:34	0°♑	
	-9943 Feb 16 j 10:56	0°♒	
evening max el	-9943 Mar 07 j 10:33	19°♒02'01	45°15'19
	-9943 Mar 19 j 17:23	0°♓	
greatest brilliancy	-9943 Apr 14 j 23:13	16°♓25'56	-4.8m
retrograde	-9943 Apr 24 j 23:04	18°♓11'26	
evening set	-9943 May 09 j 11:05	14°♓16'04	
desc. node	-9943 May 11 j 13:36	13°♓08'35	
inferior conj	-9943 May 15 j 22:35	10°♓35'54	-1°03'02
minimum elong	-9943 May 15 j 20:11	10°♓39'28	1°02'34
min. Earth dist.	-9943 May 16 j 13:03	10°♓14'20	0.27195 AU
morning rise	-9943 May 22 j 04:24	7°♓01'25	
direct	-9943 Jun 06 j 01:37	2°♓49'34	
greatest brilliancy	-9943 Jun 17 j 11:23	5°♓12'05	-4.9m
	-9943 Jul 20 j 22:20	0°♈	
morning max el	-9943 Jul 26 j 13:23	5°♈35'39	46°43'23
	-9943 Aug 18 j 03:17	0°♉	
asc. node	-9943 Aug 31 j 08:20	15°♉14'21	
	-9943 Sep 12 j 19:42	0°♊	
	-9943 Oct 07 j 15:59	0°♋	
	-9943 Nov 01 j 07:01	0°♌	
	-9943 Nov 25 j 22:51	0°♍	
	-9943 Dec 20 j 16:18	0°♎	
desc. node	-9943 Dec 22 j 05:37	1°♎53'11	
	-9942 Jan 14 j 09:25	0°♏	
morning set	-9942 Jan 30 j 12:17	19°♏38'15	
	-9942 Feb 07 j 23:51	0°♐	
max. Earth dist.	-9942 Mar 03 j 12:26	28°♐52'10	1.73515 AU
	-9942 Mar 04 j 10:28	0°♑	
superior conj	-9942 Mar 07 j 05:50	3°♑27'23	-1°09'58
minimum elong	-9942 Mar 07 j 12:38	3°♑48'21	1°10'23
	-9942 Mar 28 j 17:37	0°♒	
evening rise	-9942 Apr 11 j 10:46	16°♒59'15	
asc. node	-9942 Apr 12 j 18:53	18°♒38'50	
	-9942 Apr 21 j 22:28	0°♓	
	-9942 May 16 j 02:14	0°♈	
	-9942 Jun 09 j 06:19	0°♉	
	-9942 Jul 03 j 12:40	0°♊	
	-9942 Jul 28 j 00:21	0°♋	
desc. node	-9942 Aug 03 j 18:30	8°♋11'56	
	-9942 Aug 21 j 22:15	0°♌	
	-9942 Sep 16 j 16:03	0°♍	
evening max el	-9942 Oct 13 j 18:22	29°♍20'00	46°29'21
	-9942 Oct 14 j 10:12	0°♎	
greatest brilliancy	-9942 Nov 21 j 16:49	29°♎41'17	-4.8m
	-9942 Nov 22 j 12:03	0°♏	
asc. node	-9942 Nov 23 j 15:14	0°♏24'25	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-9942 Dec 02 j 21:27	2°♏02'43	
	-9942 Dec 12 j 20:31	30°℞♎	
evening set	-9942 Dec 18 j 21:09	26°♎57'23	
min. Earth dist.	-9942 Dec 23 j 17:54	23°♎54'47	0.29215 AU
inferior conj	-9942 Dec 24 j 05:18	23°♎36'21	6°11'29
minimum elong	-9942 Dec 23 j 20:44	23°♎50'11	6°09'45
morning rise	-9942 Dec 28 j 20:41	20°♎40'30	
direct	-9941 Jan 14 j 18:53	15°♎09'22	
greatest brilliancy	-9941 Jan 23 j 20:34	16°♎38'56	-4.7m
	-9941 Feb 15 j 16:44	0°♏	
morning max el	-9941 Mar 04 j 11:51	14°♏39'26	45°58'14
desc. node	-9941 Mar 16 j 17:51	26°♏43'44	
	-9941 Mar 19 j 22:15	0°♐	
	-9941 Apr 16 j 11:36	0°♑	
	-9941 May 12 j 06:58	0°♒	
	-9941 Jun 06 j 02:49	0°♓	
	-9941 Jun 30 j 08:04	0°♈	
asc. node	-9941 Jul 06 j 08:41	7°♈32'43	
	-9941 Jul 24 j 04:51	0°♉	
	-9941 Aug 16 j 22:20	0°♊	
morning set	-9941 Sep 01 j 12:07	19°♊40'27	
	-9941 Sep 09 j 16:46	0°♋	
	-9941 Oct 03 j 15:01	0°♌	
superior conj	-9941 Oct 13 j 22:03	12°♌49'49	0°29'32
minimum elong	-9941 Oct 14 j 05:45	13°♌13'47	0°29'40
max. Earth dist.	-9941 Oct 20 j 08:59	20°♌51'15	1.72087 AU
desc. node	-9941 Oct 27 j 04:50	29°♌19'19	
	-9941 Oct 27 j 17:58	0°♍	
	-9941 Nov 21 j 00:51	0°♎	
evening rise	-9941 Nov 24 j 16:48	4°♎30'43	
	-9941 Dec 15 j 10:38	0°♏	
	-9940 Jan 08 j 23:22	0°♐	
	-9940 Feb 02 j 16:57	0°♑	
asc. node	-9940 Feb 15 j 20:47	15°♑48'26	
	-9940 Feb 27 j 18:47	0°♒	
	-9940 Mar 24 j 09:24	0°♓	
	-9940 Apr 19 j 20:56	0°♈	
	-9940 May 18 j 05:50	0°♉	
evening max el	-9940 May 19 j 20:46	1°♉36'08	46°55'32
desc. node	-9940 Jun 07 j 23:54	18°♉53'49	
	-9940 Jun 24 j 18:46	0°♊	
greatest brilliancy	-9940 Jun 30 j 00:40	2°♊10'01	-4.9m
retrograde	-9940 Jul 09 j 06:46	3°♊46'52	
	-9940 Jul 23 j 03:40	30°℞♉	
evening set	-9940 Jul 26 j 23:10	27°♉53'08	
min. Earth dist.	-9940 Jul 29 j 13:12	26°♉20'17	0.26553 AU
inferior conj	-9940 Jul 30 j 00:27	26°♉03'15	-8°51'51
minimum elong	-9940 Jul 29 j 22:12	26°♉06'39	8°51'21
morning rise	-9940 Aug 01 j 21:15	24°♉20'01	
direct	-9940 Aug 19 j 05:08	18°♉31'47	
greatest brilliancy	-9940 Aug 29 j 08:39	20°♉29'30	-4.9m
	-9940 Sep 14 j 15:50	0°♊	
asc. node	-9940 Sep 27 j 20:00	11°♊11'42	
morning max el	-9940 Oct 08 j 15:52	21°♊44'32	46°32'22
	-9940 Oct 16 j 14:42	0°♋	
	-9940 Nov 12 j 17:52	0°♌	
	-9940 Dec 08 j 17:37	0°♍	
	-9939 Jan 03 j 07:23	0°♎	
desc. node	-9939 Jan 18 j 18:57	18°♎19'19	
	-9939 Jan 28 j 14:31	0°♏	
	-9939 Feb 22 j 14:24	0°♐	
	-9939 Mar 19 j 06:23	0°♑	
morning set	-9939 Apr 07 j 01:26	23°♑06'50	
	-9939 Apr 12 j 15:00	0°♒	
	-9939 May 06 j 17:41	0°♓	
max. Earth dist.	-9939 May 08 j 14:16	2°♓19'19	1.71996 AU
asc. node	-9939 May 10 j 07:53	4°♓29'26	
superior conj	-9939 May 12 j 17:00	7°♓28'05	0°05'35
minimum elong	-9939 May 12 j 15:56	7°♓24'44	0°05'14
behind sun begin	-9939 May 11 j 18:21	6°♓17'11	
behind sun end	-9939 May 13 j 13:31	8°♓32'18	
	-9939 May 30 j 16:15	0°♈	
evening rise	-9939 Jun 18 j 17:49	23°♈58'15	
	-9939 Jun 23 j 12:50	0°♉	
	-9939 Jul 17 j 09:44	0°♊	
	-9939 Aug 10 j 09:16	0°♋	
desc. node	-9939 Aug 31 j 06:01	25°♋54'19	
	-9939 Sep 03 j 13:36	0°♌	
	-9939 Sep 28 j 00:48	0°♍	
	-9939 Oct 22 j 22:31	0°♎	
	-9939 Nov 17 j 15:39	0°♏	
	-9939 Dec 15 j 05:36	0°♐	
asc. node	-9939 Dec 21 j 01:25	5°♐50'56	
evening max el	-9939 Dec 23 j 08:09	8°♐04'22	45°03'05
	-9938 Jan 18 j 23:12	0°♑	
greatest brilliancy	-9938 Jan 29 j 19:02	5°♑27'40	-4.7m
retrograde	-9938 Feb 09 j 12:26	7°♑30'49	
evening set	-9938 Feb 26 j 18:29	1°♑55'38	
	-9938 Mar 01 j 22:48	30°℞♐	
inferior conj	-9938 Mar 02 j 22:11	29°♐23'40	7°24'05
minimum elong	-9938 Mar 03 j 04:47	29°♐13'24	7°22'48
min. Earth dist.	-9938 Mar 03 j 23:04	28°♐44'57	0.29269 AU
morning rise	-9938 Mar 07 j 14:45	26°♐31'55	
direct	-9938 Mar 24 j 22:06	20°♐56'15	
greatest brilliancy	-9938 Apr 04 j 22:15	23°♐06'09	-4.7m
desc. node	-9938 Apr 13 j 05:02	27°♐05'41	
	-9938 Apr 17 j 20:17	0°♑	
morning max el	-9938 May 13 j 14:31	21°♑49'19	46°20'23
	-9938 May 21 j 17:39	0°♒	
	-9938 Jun 18 j 01:37	0°♓	
	-9938 Jul 13 j 10:50	0°♈	
asc. node	-9938 Aug 02 j 21:55	25°♈01'58	
	-9938 Aug 06 j 22:14	0°♉	
	-9938 Aug 30 j 23:47	0°♊	
	-9938 Sep 23 j 23:03	0°♋	
	-9938 Oct 18 j 00:45	0°♌	
	-9938 Nov 11 j 06:44	0°♍	
morning set	-9938 Nov 17 j 18:30	7°♍59'38	
desc. node	-9938 Nov 23 j 18:07	15°♍21'21	
	-9938 Dec 05 j 16:14	0°♎	
superior conj	-9938 Dec 27 j 15:30	26°♎56'45	-1°05'40
minimum elong	-9938 Dec 27 j 06:48	26°♎30'06	1°05'37
max. Earth dist.	-9938 Dec 27 j 16:47	27°♎00'43	1.73631 AU
	-9938 Dec 30 j 03:16	0°♏	
	-9937 Jan 23 j 14:11	0°♐	
evening rise	-9937 Feb 02 j 08:24	11°♐58'46	
greatest brilliancy	-9937 Feb 11 j 07:35	22°♐58'58	-3.9m
	-9937 Feb 17 j 00:50	0°♑	
	-9937 Mar 13 j 12:16	0°♒	
asc. node	-9937 Mar 15 j 08:35	2°♒15'30	
	-9937 Apr 07 j 02:01	0°♓	
	-9937 May 01 j 19:30	0°♈	
	-9937 May 26 j 18:58	0°♉	
	-9937 Jun 21 j 05:47	0°♊	
desc. node	-9937 Jul 06 j 10:00	17°♊24'01	
	-9937 Jul 17 j 18:06	0°♋	
evening max el	-9937 Aug 01 j 18:50	15°♋54'38	47°49'34
	-9937 Aug 16 j 10:44	0°♌	
greatest brilliancy	-9937 Sep 12 j 01:00	18°♌00'34	-4.9m
retrograde	-9937 Sep 22 j 00:23	19°♌56'04	
evening set	-9937 Oct 07 j 07:05	15°♌08'36	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-9937 Oct 12 j 05:19	12°♌06'30	0.27363 AU
inferior conj	-9937 Oct 12 j 19:30	11°♌43'55	-3°13'32
minimum elong	-9937 Oct 13 j 01:57	11°♌33'39	3°11'12
morning rise	-9937 Oct 18 j 21:41	8°♌02'29	
asc. node	-9937 Oct 26 j 06:50	4°♌51'15	
direct	-9937 Nov 02 j 07:48	3°♌49'02	
greatest brilliancy	-9937 Nov 11 j 13:22	5°♌27'08	-4.8m
	-9937 Dec 16 j 11:01	0°♍	
morning max el	-9937 Dec 21 j 13:36	4°♍50'55	46°04'54
	-9936 Jan 15 j 01:46	0°♎	
	-9936 Feb 11 j 05:34	0°♏	
desc. node	-9936 Feb 16 j 07:58	5°♏47'43	
	-9936 Mar 08 j 06:34	0°♐	
	-9936 Apr 02 j 13:16	0°♑	
	-9936 Apr 27 j 05:49	0°♒	
	-9936 May 21 j 11:36	0°♓	
asc. node	-9936 Jun 06 j 21:17	20°♓31'54	
morning set	-9936 Jun 14 j 10:20	0°♈01'20	
	-9936 Jun 14 j 09:54	0°♈	
	-9936 Jul 08 j 04:00	0°♉	
superior conj	-9936 Jul 23 j 14:11	19°♉31'13	1°20'28
minimum elong	-9936 Jul 23 j 08:47	19°♉14'09	1°20'49
max. Earth dist.	-9936 Jul 25 j 13:30	22°♉00'50	1.70713 AU
	-9936 Jul 31 j 21:05	0°♊	
	-9936 Aug 24 j 16:03	0°♋	
evening rise	-9936 Sep 03 j 15:23	12°♋30'59	
	-9936 Sep 17 j 15:00	0°♌	
desc. node	-9936 Sep 27 j 18:06	12°♌36'28	
	-9936 Oct 11 j 18:49	0°♍	
	-9936 Nov 05 j 03:49	0°♎	
	-9936 Nov 29 j 19:10	0°♏	
	-9936 Dec 24 j 20:52	0°♐	
asc. node	-9935 Jan 17 j 11:57	27°♐27'23	
	-9935 Jan 19 j 17:42	0°♑	
	-9935 Feb 16 j 04:54	0°♒	
evening max el	-9935 Mar 04 j 23:56	16°♒44'18	45°12'50
	-9935 Mar 20 j 02:18	0°♓	
greatest brilliancy	-9935 Apr 12 j 12:20	14°♓06'23	-4.7m
retrograde	-9935 Apr 22 j 11:03	15°♓51'16	
evening set	-9935 May 07 j 00:22	11°♓55'08	
desc. node	-9935 May 10 j 15:46	9°♓55'26	
inferior conj	-9935 May 13 j 11:39	8°♓15'21	-0°40'43
minimum elong	-9935 May 13 j 10:06	8°♓17'40	0°40'31
min. Earth dist.	-9935 May 14 j 03:55	7°♓51'05	0.27255 AU
morning rise	-9935 May 19 j 18:49	4°♓38'34	
direct	-9935 Jun 03 j 15:03	0°♓27'29	
greatest brilliancy	-9935 Jun 15 j 02:52	2°♓51'16	-4.9m
	-9935 Jul 20 j 23:06	0°♈	
morning max el	-9935 Jul 24 j 01:39	3°♈06'55	46°43'09
	-9935 Aug 17 j 20:19	0°♉	
asc. node	-9935 Aug 30 j 10:40	14°♉35'54	
	-9935 Sep 12 j 10:05	0°♊	
	-9935 Oct 07 j 05:05	0°♋	
	-9935 Oct 31 j 19:22	0°♌	
	-9935 Nov 25 j 10:41	0°♍	
	-9935 Dec 20 j 03:44	0°♎	
desc. node	-9935 Dec 21 j 07:42	1°♎24'52	
	-9934 Jan 13 j 20:32	0°♏	
morning set	-9934 Jan 28 j 06:06	17°♏32'41	
	-9934 Feb 07 j 10:46	0°♐	
max. Earth dist.	-9934 Mar 01 j 08:46	26°♐53'41	1.73549 AU
	-9934 Mar 03 j 21:19	0°♑	
superior conj	-9934 Mar 05 j 01:41	1°♑27'20	-1°11'23
minimum elong	-9934 Mar 05 j 08:12	1°♑47'25	1°11'49
	-9934 Mar 28 j 04:33	0°♒	
evening rise	-9934 Apr 09 j 06:21	14°♒57'07	
asc. node	-9934 Apr 11 j 21:01	18°♒11'15	
	-9934 Apr 21 j 09:35	0°♓	
	-9934 May 15 j 13:40	0°♈	
	-9934 Jun 08 j 18:06	0°♉	
	-9934 Jul 03 j 00:56	0°♊	
	-9934 Jul 27 j 13:17	0°♋	
desc. node	-9934 Aug 02 j 20:50	7°♋39'13	
	-9934 Aug 21 j 12:16	0°♌	
	-9934 Sep 16 j 08:11	0°♍	
evening max el	-9934 Oct 11 j 08:57	27°♍01'03	46°33'03
	-9934 Oct 14 j 08:20	0°♎	
greatest brilliancy	-9934 Nov 19 j 10:51	27°♎32'03	-4.8m
asc. node	-9934 Nov 22 j 17:27	28°♎40'58	
retrograde	-9934 Nov 30 j 14:47	29°♎53'35	
evening set	-9934 Dec 16 j 12:15	24°♎51'09	
inferior conj	-9934 Dec 21 j 22:35	21°♎27'06	5°59'28
minimum elong	-9934 Dec 21 j 13:58	21°♎41'02	5°57'39
min. Earth dist.	-9934 Dec 21 j 10:35	21°♎46'31	0.29166 AU
morning rise	-9934 Dec 26 j 16:02	18°♎28'12	
direct	-9933 Jan 12 j 10:49	13°♎00'40	
greatest brilliancy	-9933 Jan 21 j 12:54	14°♎30'33	-4.7m
	-9933 Feb 16 j 01:07	0°♏	
morning max el	-9933 Mar 02 j 03:42	12°♏29'55	45°58'04
desc. node	-9933 Mar 15 j 19:59	26°♏01'36	
	-9933 Mar 19 j 16:05	0°♐	
	-9933 Apr 16 j 01:53	0°♑	
	-9933 May 11 j 19:48	0°♒	
	-9933 Jun 05 j 14:56	0°♓	
	-9933 Jun 29 j 19:50	0°♈	
asc. node	-9933 Jul 05 j 10:53	7°♈02'53	
	-9933 Jul 23 j 16:26	0°♉	
	-9933 Aug 16 j 09:48	0°♊	
morning set	-9933 Aug 29 j 21:30	17°♊02'29	
	-9933 Sep 09 j 04:11	0°♋	
	-9933 Oct 03 j 02:22	0°♌	
superior conj	-9933 Oct 11 j 06:53	10°♌12'43	0°33'10
minimum elong	-9933 Oct 11 j 15:24	10°♌39'16	0°33'16
max. Earth dist.	-9933 Oct 17 j 19:01	18°♌18'17	1.72016 AU
desc. node	-9933 Oct 26 j 06:52	28°♌50'39	
	-9933 Oct 27 j 05:15	0°♍	
	-9933 Nov 20 j 12:07	0°♎	
evening rise	-9933 Nov 22 j 05:45	2°♎08'12	
	-9933 Dec 14 j 21:56	0°♏	
	-9932 Jan 08 j 10:51	0°♐	
	-9932 Feb 02 j 04:51	0°♑	
asc. node	-9932 Feb 14 j 23:06	15°♑18'49	
	-9932 Feb 27 j 07:28	0°♒	
	-9932 Mar 23 j 23:31	0°♓	
	-9932 Apr 19 j 13:50	0°♈	
evening max el	-9932 May 17 j 09:30	29°♈10'04	46°51'51
	-9932 May 18 j 05:56	0°♉	
desc. node	-9932 Jun 07 j 02:05	17°♉39'41	
greatest brilliancy	-9932 Jun 27 j 11:14	29°♉37'08	-4.9m
	-9932 Jun 28 j 16:02	0°♊	
retrograde	-9932 Jul 06 j 18:56	1°♊15'12	
	-9932 Jul 14 j 15:29	30°℞♉	
evening set	-9932 Jul 24 j 08:16	25°♉25'30	
min. Earth dist.	-9932 Jul 27 j 00:45	23°♉49'22	0.26550 AU
inferior conj	-9932 Jul 27 j 12:13	23°♉32'03	-8°48'28
minimum elong	-9932 Jul 27 j 09:02	23°♉36'51	8°47'54
morning rise	-9932 Jul 30 j 09:50	21°♉48'01	
direct	-9932 Aug 16 j 17:35	16°♉00'45	
greatest brilliancy	-9932 Aug 26 j 21:24	17°♉59'13	-4.9m
	-9932 Sep 15 j 09:15	0°♊	
asc. node	-9932 Sep 26 j 22:07	10°♊09'46	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-9932 Oct 06 j 05:43	19°♊18'30	46°33'19	
	-9932 Oct 16 j 11:07	0°♋		
	-9932 Nov 12 j 09:41	0°♌		
	-9932 Dec 08 j 07:24	0°♍		
	-9931 Jan 02 j 20:01	0°♎		
desc. node	-9931 Jan 17 j 21:10	17°♎49'44		
	-9931 Jan 28 j 02:26	0°♏		
	-9931 Feb 22 j 01:53	0°♐		
	-9931 Mar 18 j 17:38	0°♑		
morning set	-9931 Apr 04 j 20:51	21°♑04'15		
	-9931 Apr 12 j 02:08	0°♒		
	-9931 May 06 j 04:47	0°♓		
max. Earth dist.	-9931 May 06 j 07:08	0°♓07'20	1.72055 AU	
asc. node	-9931 May 09 j 10:02	4°♓01'21		
superior conj	-9931 May 10 j 10:48	5°♓18'46	0°02'26	
minimum elong	-9931 May 10 j 10:23	5°♓17'28	0°02'06	
behind sun begin	-9931 May 09 j 11:58	4°♓07'23		
behind sun end	-9931 May 11 j 08:48	6°♓27'34		
	-9931 May 30 j 03:28	0°♈		
evening rise	-9931 Jun 16 j 08:50	21°♈38'51		
	-9931 Jun 23 j 00:13	0°♉		
	-9931 Jul 16 j 21:21	0°♊		
	-9931 Aug 09 j 21:08	0°♋		
desc. node	-9931 Aug 30 j 08:07	25°♋23'24		
	-9931 Sep 03 j 01:45	0°♌		
	-9931 Sep 27 j 13:24	0°♍		
	-9931 Oct 22 j 11:54	0°♎		
	-9931 Nov 17 j 06:45	0°♏		
	-9931 Dec 15 j 01:27	0°♐		
asc. node	-9931 Dec 20 j 03:46	5°♐03'46		
evening max el	-9931 Dec 21 j 00:30	5°♐54'08	45°04'46	
	-9930 Jan 20 j 06:18	0°♑		
greatest brilliancy	-9930 Jan 27 j 10:48	3°♑19'36	-4.7m	
retrograde	-9930 Feb 07 j 05:01	5°♑23'14		
	-9930 Feb 24 j 02:37	30°℞♐		
evening set	-9930 Feb 24 j 12:45	29°♐45'10		
inferior conj	-9930 Feb 28 j 14:48	27°♐15'03	7°31'10	
minimum elong	-9930 Feb 28 j 20:54	27°♐05'31	7°29'59	
min. Earth dist.	-9930 Mar 01 j 14:24	26°♐38'12	0.29315 AU	
morning rise	-9930 Mar 05 j 04:47	24°♐26'36		
direct	-9930 Mar 22 j 15:24	18°♐47'02		
greatest brilliancy	-9930 Apr 02 j 12:38	20°♐54'15	-4.7m	
desc. node	-9930 Apr 12 j 07:09	25°♐45'40		
	-9930 Apr 18 j 15:25	0°♑		
morning max el	-9930 May 11 j 06:37	19°♑36'30	46°19'23	
	-9930 May 21 j 13:14	0°♒		
	-9930 Jun 17 j 16:50	0°♓		
	-9930 Jul 13 j 00:19	0°♈		
asc. node	-9930 Aug 02 j 00:13	24°♈29'36		
	-9930 Aug 06 j 10:53	0°♉		
	-9930 Aug 30 j 11:58	0°♊		
	-9930 Sep 23 j 10:57	0°♋		
	-9930 Oct 17 j 12:26	0°♌		
	-9930 Nov 10 j 18:12	0°♍		
morning set	-9930 Nov 15 j 06:33	5°♍33'47		
desc. node	-9930 Nov 22 j 20:15	14°♍52'51		
	-9930 Dec 05 j 03:32	0°♎		
superior conj	-9930 Dec 25 j 07:12	24°♎43'21	-1°03'43	
minimum elong	-9930 Dec 24 j 22:15	24°♎15'55	1°03'38	
max. Earth dist.	-9930 Dec 25 j 15:34	25°♎09'00	1.73601 AU	
	-9930 Dec 29 j 14:27	0°♏		
	-9929 Jan 23 j 01:20	0°♐		
evening rise	-9929 Jan 31 j 03:07	9°♐54'39		
greatest brilliancy	-9929 Feb 10 j 06:31	22°♐21'21	-3.9m	
	-9929 Feb 16 j 12:05	0°♑		
	-9929 Mar 12 j 23:48	0°♒		
asc. node	-9929 Mar 14 j 10:42	1°♒46'42		
	-9929 Apr 06 j 14:01	0°♓		
	-9929 May 01 j 08:13	0°♈		
	-9929 May 26 j 08:43	0°♉		
	-9929 Jun 20 j 21:14	0°♊		
desc. node	-9929 Jul 05 j 12:22	16°♊42'34		
	-9929 Jul 17 j 13:09	0°♋		
evening max el	-9929 Jul 30 j 10:24	13°♋33'56	47°50'00	
	-9929 Aug 16 j 18:44	0°♌		
greatest brilliancy	-9929 Sep 09 j 17:17	15°♌38'33	-4.9m	
retrograde	-9929 Sep 19 j 15:10	17°♌32'19		
evening set	-9929 Oct 05 j 00:03	12°♌42'38		
inferior conj	-9929 Oct 10 j 10:07	9°♌21'15	-3°34'06	
minimum elong	-9929 Oct 10 j 17:10	9°♌10'02	3°31'36	
min. Earth dist.	-9929 Oct 09 j 20:19	9°♌43'14	0.27312 AU	
morning rise	-9929 Oct 16 j 11:08	5°♌41'27		
asc. node	-9929 Oct 25 j 09:05	2°♌06'00		
direct	-9929 Oct 30 j 21:59	1°♌27'44		
greatest brilliancy	-9929 Nov 09 j 03:59	3°♌06'05	-4.8m	
	-9929 Dec 16 j 12:07	0°♍		
morning max el	-9929 Dec 19 j 03:48	2°♍32'47	46°05'33	
	-9928 Jan 14 j 18:41	0°♎		
	-9928 Feb 10 j 19:39	0°♏		
desc. node	-9928 Feb 15 j 10:03	5°♏14'26		
	-9928 Mar 07 j 19:16	0°♐		
	-9928 Apr 02 j 01:13	0°♑		
	-9928 Apr 26 j 17:22	0°♒		
	-9928 May 20 j 22:59	0°♓		
asc. node	-9928 Jun 05 j 23:30	20°♓03'11		
morning set	-9928 Jun 12 j 01:15	27°♓41'30		
	-9928 Jun 13 j 21:15	0°♈		
	-9928 Jul 07 j 15:21	0°♉		
superior conj	-9928 Jul 21 j 01:49	17°♉00'13	1°19'27	
minimum elong	-9928 Jul 20 j 19:38	16°♉40'40	1°19'43	
max. Earth dist.	-9928 Jul 22 j 12:11	18°♉48'56	1.70715 AU	
	-9928 Jul 31 j 08:28	0°♊		
	-9928 Aug 24 j 03:29	0°♋		
evening rise	-9928 Aug 31 j 22:55	9°♋48'12		
	-9928 Sep 17 j 02:30	0°♌		
desc. node	-9928 Sep 26 j 20:12	12°♌07'12		
	-9928 Oct 11 j 06:25	0°♍		
	-9928 Nov 04 j 15:36	0°♎		
	-9928 Nov 29 j 07:19	0°♏		
	-9928 Dec 24 j 09:46	0°♐		
asc. node	-9927 Jan 16 j 14:15	26°♐53'07		
	-9927 Jan 19 j 08:17	0°♑		
	-9927 Feb 15 j 23:36	0°♒		
evening max el	-9927 Mar 02 j 12:54	14°♒25'09	45°10'41	
	-9927 Mar 20 j 14:34	0°♓		
greatest brilliancy	-9927 Apr 10 j 01:13	11°♓46'28	-4.7m	
retrograde	-9927 Apr 19 j 23:34	13°♓31'26		
evening set	-9927 May 04 j 13:58	9°♓33'51		
desc. node	-9927 May 09 j 18:01	6°♓40'37		
inferior conj	-9927 May 11 j 00:53	5°♓54'47	-0°18'28	
minimum elong	-9927 May 11 j 00:10	5°♓55'50	0°18'33	
min. Earth dist.	-9927 May 11 j 18:50	5°♓28'01	0.27320 AU	
morning rise	-9927 May 17 j 09:14	2°♓16'11		
	-9927 May 22 j 07:52	30°℞♒		
direct	-9927 Jun 01 j 04:37	28°♒05'11		
	-9927 Jun 11 j 10:18	0°♓		
greatest brilliancy	-9927 Jun 12 j 18:40	0°♓30'44	-4.9m	
	-9927 Jul 20 j 22:58	0°♈		
morning max el	-9927 Jul 21 j 15:04	0°♈40'42	46°42'59	
	-9927 Aug 17 j 13:12	0°♉		
asc. node	-9927 Aug 29 j 12:41	13°♉56'22		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9927 Sep 12 j 00:28	0°♊	
	-9927 Oct 06 j 18:12	0°♋	
	-9927 Oct 31 j 07:45	0°♌	
	-9927 Nov 24 j 22:33	0°♍	
	-9927 Dec 19 j 15:14	0°♎	
desc. node	-9927 Dec 20 j 09:56	0°♎56'44	
	-9926 Jan 13 j 07:46	0°♏	
morning set	-9926 Jan 25 j 23:42	15°♏25'59	
	-9926 Feb 06 j 21:49	0°♐	
max. Earth dist.	-9926 Feb 27 j 06:01	24°♐57'38	1.73582 AU
superior conj	-9926 Mar 02 j 21:21	29°♐26'21	-1°12'43
minimum elong	-9926 Mar 03 j 03:33	29°♐45'26	1°13'09
	-9926 Mar 03 j 08:17	0°♑	
	-9926 Mar 27 j 15:35	0°♒	
evening rise	-9926 Apr 07 j 01:52	12°♒54'31	
asc. node	-9926 Apr 10 j 23:10	17°♒43'28	
	-9926 Apr 20 j 20:48	0°♓	
	-9926 May 15 j 01:10	0°♈	
	-9926 Jun 08 j 06:01	0°♉	
	-9926 Jul 02 j 13:21	0°♊	
	-9926 Jul 27 j 02:24	0°♋	
desc. node	-9926 Aug 01 j 22:58	7°♋05'25	
	-9926 Aug 21 j 02:28	0°♌	
	-9926 Sep 16 j 00:35	0°♍	
evening max el	-9926 Oct 09 j 00:20	24°♍44'15	46°36'55
	-9926 Oct 14 j 07:17	0°♎	
greatest brilliancy	-9926 Nov 17 j 04:27	25°♎22'38	-4.8m
asc. node	-9926 Nov 21 j 19:43	26°♎54'15	
retrograde	-9926 Nov 28 j 08:44	27°♎44'58	
evening set	-9926 Dec 14 j 03:33	22°♎45'10	
min. Earth dist.	-9926 Dec 19 j 03:04	19°♎39'04	0.29116 AU
inferior conj	-9926 Dec 19 j 15:59	19°♎18'13	5°46'54
minimum elong	-9926 Dec 19 j 07:21	19°♎32'10	5°45'03
morning rise	-9926 Dec 24 j 11:32	16°♎16'26	
direct	-9925 Jan 10 j 03:12	10°♎52'23	
greatest brilliancy	-9925 Jan 19 j 04:54	12°♎22'17	-4.7m
	-9925 Feb 16 j 07:03	0°♏	
morning max el	-9925 Feb 27 j 20:36	10°♏23'07	45°57'46
desc. node	-9925 Mar 14 j 22:05	25°♏19'58	
	-9925 Mar 19 j 09:31	0°♐	
	-9925 Apr 15 j 16:02	0°♑	
	-9925 May 11 j 08:33	0°♒	
	-9925 Jun 05 j 02:59	0°♓	
	-9925 Jun 29 j 07:30	0°♈	
asc. node	-9925 Jul 04 j 13:07	6°♈33'24	
	-9925 Jul 23 j 03:55	0°♉	
	-9925 Aug 15 j 21:13	0°♊	
morning set	-9925 Aug 27 j 06:58	14°♊24'55	
	-9925 Sep 08 j 15:33	0°♋	
	-9925 Oct 02 j 13:41	0°♌	
superior conj	-9925 Oct 08 j 15:38	7°♌35'20	0°36'44
minimum elong	-9925 Oct 09 j 00:56	8°♌04'17	0°36'50
max. Earth dist.	-9925 Oct 15 j 04:30	15°♌43'36	1.71945 AU
desc. node	-9925 Oct 25 j 09:04	28°♌22'42	
	-9925 Oct 26 j 16:29	0°♍	
evening rise	-9925 Nov 19 j 18:42	29°♍45'56	
	-9925 Nov 19 j 23:16	0°♎	
	-9925 Dec 14 j 09:06	0°♏	
	-9924 Jan 07 j 22:12	0°♐	
	-9924 Feb 01 j 16:39	0°♑	
asc. node	-9924 Feb 14 j 01:12	14°♑48'51	
	-9924 Feb 26 j 20:05	0°♒	
	-9924 Mar 23 j 13:39	0°♓	
	-9924 Apr 19 j 06:56	0°♈	
evening max el	-9924 May 14 j 23:17	26°♈47'08	46°48'12
	-9924 May 18 j 07:02	0°♉	
desc. node	-9924 Jun 06 j 04:23	16°♉23'56	
greatest brilliancy	-9924 Jun 24 j 21:31	27°♉04'47	-4.9m
retrograde	-9924 Jul 04 j 07:22	28°♉44'05	
evening set	-9924 Jul 21 j 17:00	22°♉59'17	
min. Earth dist.	-9924 Jul 24 j 12:08	21°♉19'23	0.26545 AU
inferior conj	-9924 Jul 25 j 00:00	21°♉01'30	-8°43'58
minimum elong	-9924 Jul 24 j 19:56	21°♉07'38	8°43'19
morning rise	-9924 Jul 27 j 22:55	19°♉15'53	
direct	-9924 Aug 14 j 06:22	13°♉30'38	
greatest brilliancy	-9924 Aug 24 j 09:39	15°♉28'54	-4.9m
	-9924 Sep 15 j 22:05	0°♊	
asc. node	-9924 Sep 26 j 00:26	9°♊10'09	
morning max el	-9924 Oct 03 j 19:33	16°♊52'56	46°34'08
	-9924 Oct 16 j 06:46	0°♋	
	-9924 Nov 12 j 01:05	0°♌	
	-9924 Dec 07 j 20:52	0°♍	
	-9923 Jan 02 j 08:22	0°♎	
desc. node	-9923 Jan 16 j 23:15	17°♎20'29	
	-9923 Jan 27 j 14:05	0°♏	
	-9923 Feb 21 j 13:06	0°♐	
	-9923 Mar 18 j 04:36	0°♑	
morning set	-9923 Apr 02 j 16:25	19°♑02'55	
	-9923 Apr 11 j 13:01	0°♒	
max. Earth dist.	-9923 May 03 j 21:59	27°♒49'47	1.72118 AU
	-9923 May 05 j 15:42	0°♓	
superior conj	-9923 May 08 j 04:48	3°♓10'48	-0°00'45
minimum elong	-9923 May 08 j 04:59	3°♓11'24	0°01'03
behind sun begin	-9923 May 07 j 06:35	2°♓01'23	
behind sun end	-9923 May 09 j 03:23	4°♓21'25	
asc. node	-9923 May 08 j 12:19	3°♓34'21	
	-9923 May 29 j 14:29	0°♈	
evening rise	-9923 Jun 13 j 23:58	19°♈20'28	
	-9923 Jun 22 j 11:26	0°♉	
	-9923 Jul 16 j 08:45	0°♊	
	-9923 Aug 09 j 08:47	0°♋	
desc. node	-9923 Aug 29 j 10:14	24°♋53'13	
	-9923 Sep 02 j 13:42	0°♌	
	-9923 Sep 27 j 01:49	0°♍	
	-9923 Oct 22 j 01:09	0°♎	
	-9923 Nov 16 j 21:48	0°♏	
	-9923 Dec 14 j 21:35	0°♐	
evening max el	-9923 Dec 18 j 16:37	3°♐44'01	45°06'35
asc. node	-9923 Dec 19 j 06:06	4°♐16'38	
	-9922 Jan 22 j 03:24	0°♑	
greatest brilliancy	-9922 Jan 25 j 03:18	1°♑13'36	-4.7m
retrograde	-9922 Feb 04 j 21:22	3°♑17'17	
	-9922 Feb 17 j 21:53	30°℞♐	
evening set	-9922 Feb 22 j 07:06	27°♐36'40	
inferior conj	-9922 Feb 26 j 07:41	25°♐08'17	7°37'28
minimum elong	-9922 Feb 26 j 13:16	24°♐59'32	7°36'23
min. Earth dist.	-9922 Feb 27 j 06:15	24°♐32'56	0.29357 AU
morning rise	-9922 Mar 02 j 19:11	22°♐22'56	
direct	-9922 Mar 20 j 08:31	16°♐39'43	
greatest brilliancy	-9922 Mar 31 j 03:27	18°♐44'27	-4.7m
desc. node	-9922 Apr 11 j 09:27	24°♐29'40	
	-9922 Apr 19 j 05:07	0°♑	
morning max el	-9922 May 08 j 22:00	17°♑23'09	46°18'14
	-9922 May 21 j 07:54	0°♒	
	-9922 Jun 17 j 07:36	0°♓	
	-9922 Jul 12 j 13:29	0°♈	
asc. node	-9922 Aug 01 j 02:16	23°♈57'18	
	-9922 Aug 05 j 23:16	0°♉	
	-9922 Aug 29 j 23:53	0°♊	
	-9922 Sep 22 j 22:33	0°♋	
	-9922 Oct 16 j 23:48	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9922 Nov 10 j 05:23	0°♍	
morning set	-9922 Nov 12 j 18:20	3°♍07'52	
desc. node	-9922 Nov 21 j 22:25	14°♍25'22	
	-9922 Dec 04 j 14:34	0°♎	
superior conj	-9922 Dec 22 j 22:42	22°♎30'11	-1°01'39
minimum elong	-9922 Dec 22 j 13:35	22°♎02'12	1°01'32
max. Earth dist.	-9922 Dec 23 j 12:46	23°♎13'20	1.73568 AU
	-9922 Dec 29 j 01:22	0°♏	
	-9921 Jan 22 j 12:13	0°♐	
evening rise	-9921 Jan 28 j 21:47	7°♐51'13	
greatest brilliancy	-9921 Feb 09 j 08:13	21°♐53'06	-3.9m
	-9921 Feb 15 j 23:01	0°♑	
	-9921 Mar 12 j 11:00	0°♒	
asc. node	-9921 Mar 13 j 12:58	1°♒19'19	
	-9921 Apr 06 j 01:42	0°♓	
	-9921 Apr 30 j 20:38	0°♈	
	-9921 May 25 j 22:16	0°♉	
	-9921 Jun 20 j 12:38	0°♊	
desc. node	-9921 Jul 04 j 14:30	16°♊00'36	
	-9921 Jul 17 j 08:28	0°♋	
evening max el	-9921 Jul 28 j 00:55	11°♋11'01	47°50'14
	-9921 Aug 17 j 05:15	0°♌	
greatest brilliancy	-9921 Sep 07 j 09:55	13°♌17'02	-4.9m
retrograde	-9921 Sep 17 j 05:23	15°♌08'34	
evening set	-9921 Oct 02 j 16:55	10°♌16'25	
min. Earth dist.	-9921 Oct 07 j 11:26	7°♌19'41	0.27261 AU
inferior conj	-9921 Oct 08 j 00:34	6°♌58'45	-3°54'20
minimum elong	-9921 Oct 08 j 08:10	6°♌46'39	3°51'44
morning rise	-9921 Oct 14 j 00:11	3°♌20'48	
	-9921 Oct 21 j 22:05	30°℞♋	
asc. node	-9921 Oct 24 j 11:24	29°♋26'17	
direct	-9921 Oct 28 j 11:27	29°♋06'24	
	-9921 Nov 04 j 05:57	0°♌	
greatest brilliancy	-9921 Nov 06 j 18:52	0°♌45'39	-4.8m
	-9921 Dec 16 j 11:45	0°♍	
morning max el	-9921 Dec 16 j 17:22	0°♍13'38	46°06'18
	-9920 Jan 14 j 10:58	0°♎	
	-9920 Feb 10 j 09:17	0°♏	
desc. node	-9920 Feb 14 j 12:07	4°♏42'09	
	-9920 Mar 07 j 07:35	0°♐	
	-9920 Apr 01 j 12:48	0°♑	
	-9920 Apr 26 j 04:34	0°♒	
	-9920 May 20 j 10:01	0°♓	
asc. node	-9920 Jun 05 j 01:42	19°♓35'34	
morning set	-9920 Jun 09 j 16:35	25°♓24'06	
	-9920 Jun 13 j 08:15	0°♈	
	-9920 Jul 07 j 02:24	0°♉	
superior conj	-9920 Jul 18 j 13:33	14°♉30'28	1°18'14
minimum elong	-9920 Jul 18 j 06:39	14°♉08'38	1°18'29
max. Earth dist.	-9920 Jul 19 j 13:48	15°♉47'08	1.70731 AU
	-9920 Jul 30 j 19:36	0°♊	
	-9920 Aug 23 j 14:42	0°♋	
evening rise	-9920 Aug 29 j 06:12	7°♋05'21	
	-9920 Sep 16 j 13:47	0°♌	
desc. node	-9920 Sep 25 j 22:26	11°♌39'00	
	-9920 Oct 10 j 17:49	0°♍	
	-9920 Nov 04 j 03:10	0°♎	
	-9920 Nov 28 j 19:16	0°♏	
	-9920 Dec 23 j 22:31	0°♐	
asc. node	-9919 Jan 15 j 16:23	26°♐18'47	
	-9919 Jan 18 j 22:48	0°♑	
	-9919 Feb 15 j 18:31	0°♒	
evening max el	-9919 Feb 28 j 02:29	12°♒08'26	45°08'46
	-9919 Mar 21 j 06:20	0°♓	
greatest brilliancy	-9919 Apr 07 j 13:42	9°♓27'32	-4.7m
retrograde	-9919 Apr 17 j 12:50	11°♓13'17	
evening set	-9919 May 02 j 03:55	7°♓13'57	
inferior conj	-9919 May 08 j 14:14	3°♓35'46	0°03'35
minimum elong	-9919 May 08 j 14:22	3°♓35'35	0°03'14
transit middle	-9919 May 08 j 14:22	3°♓35'35	0°03'14
transit begin	-9919 May 08 j 10:19	3°♓41'37	
transit end	-9919 May 08 j 18:25	3°♓29'33	
desc. node	-9919 May 08 j 20:14	3°♓26'50	
min. Earth dist.	-9919 May 09 j 09:33	3°♓07'00	0.27385 AU
morning rise	-9919 May 14 j 23:38	29°♒55'52	
	-9919 May 14 j 20:30	30°℞♒	
direct	-9919 May 29 j 18:43	25°♒44'33	
greatest brilliancy	-9919 Jun 10 j 10:10	28°♒11'35	-4.9m
	-9919 Jun 14 j 09:13	0°♓	
morning max el	-9919 Jul 19 j 05:30	28°♓18'25	46°42'39
	-9919 Jul 20 j 21:23	0°♈	
	-9919 Aug 17 j 05:28	0°♉	
asc. node	-9919 Aug 28 j 15:00	13°♉18'51	
	-9919 Sep 11 j 14:28	0°♊	
	-9919 Oct 06 j 07:05	0°♋	
	-9919 Oct 30 j 19:57	0°♌	
	-9919 Nov 24 j 10:16	0°♍	
desc. node	-9919 Dec 19 j 11:59	0°♎28'37	
	-9919 Dec 19 j 02:33	0°♎	
	-9918 Jan 12 j 18:48	0°♏	
morning set	-9918 Jan 23 j 16:54	13°♏18'38	
	-9918 Feb 06 j 08:40	0°♐	
max. Earth dist.	-9918 Feb 25 j 04:37	23°♐06'16	1.73613 AU
superior conj	-9918 Feb 28 j 16:53	27°♐25'26	-1°13'57
minimum elong	-9918 Feb 28 j 22:44	27°♐43'28	1°14'25
	-9918 Mar 02 j 19:06	0°♑	
	-9918 Mar 27 j 02:28	0°♒	
evening rise	-9918 Apr 04 j 21:28	10°♒52'46	
asc. node	-9918 Apr 10 j 01:27	17°♒16'36	
	-9918 Apr 20 j 07:53	0°♓	
	-9918 May 14 j 12:30	0°♈	
	-9918 Jun 07 j 17:42	0°♉	
	-9918 Jul 02 j 01:32	0°♊	
	-9918 Jul 26 j 15:19	0°♋	
desc. node	-9918 Aug 01 j 01:07	6°♋32'18	
	-9918 Aug 20 j 16:35	0°♌	
	-9918 Sep 15 j 17:07	0°♍	
evening max el	-9918 Oct 06 j 16:40	22°♍29'56	46°40'36
	-9918 Oct 14 j 07:13	0°♎	
greatest brilliancy	-9918 Nov 14 j 21:48	23°♎12'21	-4.8m
asc. node	-9918 Nov 20 j 22:02	25°♎02'58	
retrograde	-9918 Nov 26 j 02:50	25°♎35'21	
evening set	-9918 Dec 11 j 18:42	20°♎38'17	
inferior conj	-9918 Dec 17 j 09:07	17°♎08'23	5°33'41
minimum elong	-9918 Dec 17 j 00:31	17°♎22'17	5°31'48
min. Earth dist.	-9918 Dec 16 j 19:08	17°♎30'57	0.29063 AU
morning rise	-9918 Dec 22 j 06:49	14°♎03'42	
direct	-9917 Jan 07 j 19:41	8°♎43'20	
greatest brilliancy	-9917 Jan 16 j 20:12	10°♎12'44	-4.7m
	-9917 Feb 16 j 11:07	0°♏	
morning max el	-9917 Feb 25 j 13:46	8°♏17'02	45°57'28
desc. node	-9917 Mar 14 j 00:25	24°♏39'29	
	-9917 Mar 19 j 02:34	0°♐	
	-9917 Apr 15 j 06:00	0°♑	
	-9917 May 10 j 21:10	0°♒	
	-9917 Jun 04 j 14:56	0°♓	
	-9917 Jun 28 j 19:04	0°♈	
asc. node	-9917 Jul 03 j 15:10	6°♈03'44	
	-9917 Jul 22 j 15:16	0°♉	
	-9917 Aug 15 j 08:28	0°♊	
morning set	-9917 Aug 24 j 17:00	11°♊49'36	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9917 Sep 08 j 02:46	0°♋	
	-9917 Oct 02 j 00:52	0°♌	
superior conj	-9917 Oct 06 j 00:28	4°♌58'23	0°40'13
minimum elong	-9917 Oct 06 j 10:26	5°♌29'29	0°40'20
max. Earth dist.	-9917 Oct 12 j 16:09	13°♌15'51	1.71882 AU
desc. node	-9917 Oct 24 j 11:13	27°♌54'49	
	-9917 Oct 26 j 03:37	0°♍	
evening rise	-9917 Nov 17 j 07:16	27°♍22'33	
	-9917 Nov 19 j 10:24	0°♎	
	-9917 Dec 13 j 20:18	0°♏	
	-9916 Jan 07 j 09:37	0°♐	
	-9916 Feb 01 j 04:31	0°♑	
asc. node	-9916 Feb 13 j 03:31	14°♑19'20	
	-9916 Feb 26 j 08:50	0°♒	
	-9916 Mar 23 j 03:59	0°♓	
	-9916 Apr 19 j 00:28	0°♈	
evening max el	-9916 May 12 j 13:26	24°♈24'59	46°44'26
	-9916 May 18 j 09:32	0°♉	
desc. node	-9916 Jun 05 j 06:34	15°♉05'21	
greatest brilliancy	-9916 Jun 22 j 08:14	24°♉33'02	-4.9m
retrograde	-9916 Jul 01 j 19:36	26°♉12'50	
evening set	-9916 Jul 19 j 01:24	20°♉33'55	
inferior conj	-9916 Jul 22 j 11:47	18°♉31'11	-8°38'30
minimum elong	-9916 Jul 22 j 06:49	18°♉38'40	8°37'45
min. Earth dist.	-9916 Jul 21 j 23:47	18°♉49'17	0.26534 AU
morning rise	-9916 Jul 25 j 12:18	16°♉43'17	
direct	-9916 Aug 11 j 19:00	11°♉00'56	
greatest brilliancy	-9916 Aug 21 j 21:52	12°♉58'44	-4.9m
	-9916 Sep 16 j 07:29	0°♊	
asc. node	-9916 Sep 25 j 02:42	8°♊12'10	
morning max el	-9916 Oct 01 j 08:35	14°♊25'35	46°34'58
	-9916 Oct 16 j 01:44	0°♋	
	-9916 Nov 11 j 16:12	0°♌	
	-9916 Dec 07 j 10:13	0°♍	
	-9915 Jan 01 j 20:43	0°♎	
desc. node	-9915 Jan 16 j 01:20	16°♎51'01	
	-9915 Jan 27 j 01:48	0°♏	
	-9915 Feb 21 j 00:25	0°♐	
	-9915 Mar 17 j 15:42	0°♑	
morning set	-9915 Mar 31 j 11:43	17°♑00'30	
	-9915 Apr 11 j 00:01	0°♒	
max. Earth dist.	-9915 May 01 j 12:34	25°♒31'11	1.72183 AU
	-9915 May 05 j 02:44	0°♓	
superior conj	-9915 May 05 j 22:40	1°♓02'14	-0°03'53
minimum elong	-9915 May 05 j 23:29	1°♓04'50	0°04'11
behind sun begin	-9915 May 05 j 01:43	29°♒56'49	
behind sun end	-9915 May 06 j 21:16	2°♓12'52	
asc. node	-9915 May 07 j 14:25	3°♓06'24	
	-9915 May 29 j 01:39	0°♈	
evening rise	-9915 Jun 11 j 15:12	17°♈02'04	
	-9915 Jun 21 j 22:47	0°♉	
	-9915 Jul 15 j 20:19	0°♊	
	-9915 Aug 08 j 20:33	0°♋	
desc. node	-9915 Aug 28 j 12:34	24°♋23'26	
	-9915 Sep 02 j 01:44	0°♌	
	-9915 Sep 26 j 14:17	0°♍	
	-9915 Oct 21 j 14:29	0°♎	
	-9915 Nov 16 j 13:04	0°♏	
	-9915 Dec 14 j 18:30	0°♐	
evening max el	-9915 Dec 16 j 07:58	1°♐31'36	45°08'17
asc. node	-9915 Dec 18 j 08:14	3°♐27'54	
greatest brilliancy	-9914 Jan 22 j 19:56	29°♐07'04	-4.7m
	-9914 Jan 25 j 12:36	0°♑	
retrograde	-9914 Feb 02 j 13:30	1°♑10'54	
	-9914 Feb 10 j 07:50	30°℞♐	
evening set	-9914 Feb 20 j 01:14	25°♐27'50	
inferior conj	-9914 Feb 24 j 00:37	23°♐00'59	7°43'01
minimum elong	-9914 Feb 24 j 05:37	22°♐53'06	7°42'04
min. Earth dist.	-9914 Feb 24 j 22:26	22°♐26'42	0.29399 AU
morning rise	-9914 Feb 28 j 09:44	20°♐18'39	
direct	-9914 Mar 18 j 01:11	14°♐31'42	
greatest brilliancy	-9914 Mar 28 j 18:58	16°♐34'46	-4.7m
desc. node	-9914 Apr 10 j 11:37	23°♐14'52	
	-9914 Apr 19 j 15:43	0°♑	
morning max el	-9914 May 06 j 12:59	15°♑08'10	46°17'10
	-9914 May 21 j 02:23	0°♒	
	-9914 Jun 16 j 22:24	0°♓	
	-9914 Jul 12 j 02:47	0°♈	
asc. node	-9914 Jul 31 j 04:29	23°♈24'56	
	-9914 Aug 05 j 11:48	0°♉	
	-9914 Aug 29 j 11:58	0°♊	
	-9914 Sep 22 j 10:19	0°♋	
	-9914 Oct 16 j 11:18	0°♌	
	-9914 Nov 09 j 16:41	0°♍	
morning set	-9914 Nov 10 j 06:24	0°♍42'18	
desc. node	-9914 Nov 21 j 00:29	13°♍57'10	
	-9914 Dec 04 j 01:43	0°♎	
superior conj	-9914 Dec 20 j 14:28	20°♎17'25	-0°59'31
minimum elong	-9914 Dec 20 j 05:12	19°♎48'59	0°59'21
max. Earth dist.	-9914 Dec 21 j 09:18	21°♎15'11	1.73534 AU
	-9914 Dec 28 j 12:24	0°♏	
	-9913 Jan 21 j 23:15	0°♐	
evening rise	-9913 Jan 26 j 16:34	5°♐47'39	
greatest brilliancy	-9913 Feb 08 j 11:11	21°♐28'08	-3.9m
	-9913 Feb 15 j 10:11	0°♑	
	-9913 Mar 11 j 22:28	0°♒	
asc. node	-9913 Mar 12 j 15:14	0°♒51'13	
	-9913 Apr 05 j 13:41	0°♓	
	-9913 Apr 30 j 09:24	0°♈	
	-9913 May 25 j 12:11	0°♉	
	-9913 Jun 20 j 04:31	0°♊	
desc. node	-9913 Jul 03 j 16:41	15°♊17'28	
	-9913 Jul 17 j 04:39	0°♋	
evening max el	-9913 Jul 25 j 14:46	8°♋45'30	47°50'22
	-9913 Aug 17 j 19:43	0°♌	
greatest brilliancy	-9913 Sep 05 j 02:39	10°♌54'30	-4.9m
retrograde	-9913 Sep 14 j 19:30	12°♌44'00	
evening set	-9913 Sep 30 j 09:50	7°♌48'53	
min. Earth dist.	-9913 Oct 05 j 02:39	4°♌54'59	0.27211 AU
inferior conj	-9913 Oct 05 j 15:00	4°♌35'19	-4°14'21
minimum elong	-9913 Oct 05 j 23:06	4°♌22'27	4°11'38
morning rise	-9913 Oct 11 j 13:00	0°♌59'39	
	-9913 Oct 13 j 10:09	30°℞♋	
asc. node	-9913 Oct 23 j 13:36	26°♋51'24	
direct	-9913 Oct 26 j 00:36	26°♋43'56	
greatest brilliancy	-9913 Nov 04 j 09:59	28°♋24'38	-4.8m
	-9913 Nov 08 j 08:41	0°♌	
morning max el	-9913 Dec 14 j 07:29	27°♌55'02	46°07'18
	-9913 Dec 16 j 10:35	0°♍	
	-9912 Jan 14 j 03:09	0°♎	
	-9912 Feb 09 j 22:58	0°♏	
desc. node	-9912 Feb 13 j 14:26	4°♏10'11	
	-9912 Mar 06 j 20:03	0°♐	
	-9912 Apr 01 j 00:38	0°♑	
	-9912 Apr 25 j 16:03	0°♒	
	-9912 May 19 j 21:21	0°♓	
asc. node	-9912 Jun 04 j 03:48	19°♓06'42	
morning set	-9912 Jun 07 j 08:02	23°♓06'09	
	-9912 Jun 12 j 19:33	0°♈	
	-9912 Jul 06 j 13:44	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9912 Jul	16 j 01:19	11°♉59'54	1°16'53
minimum elong	-9912 Jul	15 j 17:48	11°♉36'05	1°17'06
max. Earth dist.	-9912 Jul	16 j 19:05	12°♉56'06	1.70747 AU
	-9912 Jul	30 j 07:00	0°♊	
	-9912 Aug	23 j 02:12	0°♋	
evening rise	-9912 Aug	26 j 13:39	4°♋22'01	
	-9912 Sep	16 j 01:23	0°♌	
desc. node	-9912 Sep	25 j 00:34	11°♌09'29	
	-9912 Oct	10 j 05:31	0°♍	
	-9912 Nov	03 j 15:03	0°♎	
	-9912 Nov	28 j 07:29	0°♏	
	-9912 Dec	23 j 11:33	0°♐	
asc. node	-9911 Jan	14 j 18:46	25°♐44'25	
	-9911 Jan	18 j 13:39	0°♑	
	-9911 Feb	15 j 14:10	0°♒	
evening max el	-9911 Feb	25 j 17:01	9°♒53'44	45°06'50
	-9911 Mar	22 j 03:49	0°♓	
greatest brilliancy	-9911 Apr	05 j 01:42	7°♓07'51	-4.7m
retrograde	-9911 Apr	15 j 02:28	8°♓54'45	
evening set	-9911 Apr	29 j 18:14	4°♓53'34	
inferior conj	-9911 May	06 j 03:42	1°♓16'13	0°25'26
minimum elong	-9911 May	06 j 04:39	1°♓14'48	0°24'49
min. Earth dist.	-9911 May	07 j 00:03	0°♓45'56	0.27456 AU
desc. node	-9911 May	07 j 22:24	0°♓12'46	
	-9911 May	08 j 07:03	30°℞♒	
morning rise	-9911 May	12 j 13:59	27°♒35'15	
direct	-9911 May	27 j 09:33	23°♒23'27	
greatest brilliancy	-9911 Jun	08 j 01:19	25°♒51'15	-4.8m
	-9911 Jun	16 j 04:34	0°♓	
morning max el	-9911 Jul	16 j 20:45	25°♓57'21	46°42'13
	-9911 Jul	20 j 19:24	0°♈	
	-9911 Aug	16 j 21:50	0°♉	
asc. node	-9911 Aug	27 j 17:18	12°♉40'32	
	-9911 Sep	11 j 04:40	0°♊	
	-9911 Oct	05 j 20:11	0°♋	
	-9911 Oct	30 j 08:22	0°♌	
	-9911 Nov	23 j 22:13	0°♍	
desc. node	-9911 Dec	18 j 14:05	29°♍59'52	
	-9911 Dec	18 j 14:07	0°♎	
	-9910 Jan	12 j 06:03	0°♏	
morning set	-9910 Jan	21 j 10:22	11°♏11'25	
	-9910 Feb	05 j 19:43	0°♐	
max. Earth dist.	-9910 Feb	23 j 04:56	21°♐19'37	1.73638 AU
superior conj	-9910 Feb	26 j 12:43	25°♐24'57	-1°15'05
minimum elong	-9910 Feb	26 j 18:13	25°♐41'51	1°15'34
	-9910 Mar	02 j 06:06	0°♑	
	-9910 Mar	26 j 13:33	0°♒	
evening rise	-9910 Apr	02 j 17:26	8°♒51'36	
asc. node	-9910 Apr	09 j 03:36	16°♒48'40	
	-9910 Apr	19 j 19:10	0°♓	
	-9910 May	14 j 00:07	0°♈	
	-9910 Jun	07 j 05:44	0°♉	
	-9910 Jul	01 j 14:08	0°♊	
	-9910 Jul	26 j 04:41	0°♋	
desc. node	-9910 Jul	31 j 03:27	5°♋58'32	
	-9910 Aug	20 j 07:10	0°♌	
	-9910 Sep	15 j 10:17	0°♍	
evening max el	-9910 Oct	04 j 09:43	20°♍16'27	46°44'18
	-9910 Oct	14 j 08:41	0°♎	
greatest brilliancy	-9910 Nov	12 j 15:25	21°♎01'30	-4.8m
asc. node	-9910 Nov	20 j 00:14	23°♎06'38	
retrograde	-9910 Nov	23 j 20:53	23°♎24'36	
evening set	-9910 Dec	09 j 10:00	18°♎30'28	
min. Earth dist.	-9910 Dec	14 j 11:13	15°♎21'53	0.29004 AU
inferior conj	-9910 Dec	15 j 02:14	14°♎57'38	5°20'03
minimum elong	-9910 Dec	14 j 17:43	15°♎11'24	5°18'07
morning rise	-9910 Dec	20 j 02:02	11°♎49'59	
direct	-9909 Jan	05 j 12:26	6°♎33'36	
greatest brilliancy	-9909 Jan	14 j 11:12	8°♎02'02	-4.7m
	-9909 Feb	16 j 13:49	0°♏	
morning max el	-9909 Feb	23 j 06:48	6°♏10'15	45°57'19
desc. node	-9909 Mar	13 j 02:30	23°♏58'25	
	-9909 Mar	18 j 19:25	0°♐	
	-9909 Apr	14 j 19:57	0°♑	
	-9909 May	10 j 09:51	0°♒	
	-9909 Jun	04 j 02:59	0°♓	
	-9909 Jun	28 j 06:48	0°♈	
asc. node	-9909 Jul	02 j 17:26	5°♈34'05	
	-9909 Jul	22 j 02:52	0°♉	
	-9909 Aug	14 j 20:00	0°♊	
morning set	-9909 Aug	22 j 02:40	9°♊12'10	
	-9909 Sep	07 j 14:16	0°♋	
	-9909 Oct	01 j 12:18	0°♌	
superior conj	-9909 Oct	03 j 08:48	2°♌18'56	0°43'40
minimum elong	-9909 Oct	03 j 19:22	2°♌51'55	0°43'45
max. Earth dist.	-9909 Oct	10 j 05:06	10°♌51'11	1.71813 AU
desc. node	-9909 Oct	23 j 13:17	27°♌25'59	
	-9909 Oct	25 j 15:00	0°♍	
evening rise	-9909 Nov	14 j 19:24	24°♍56'59	
	-9909 Nov	18 j 21:45	0°♎	
	-9909 Dec	13 j 07:43	0°♏	
	-9908 Jan	06 j 21:14	0°♐	
	-9908 Jan	31 j 16:34	0°♑	
asc. node	-9908 Feb	12 j 05:49	13°♑49'17	
	-9908 Feb	25 j 21:44	0°♒	
	-9908 Mar	22 j 18:29	0°♓	
	-9908 Apr	18 j 18:21	0°♈	
evening max el	-9908 May	10 j 03:05	22°♈01'53	46°40'32
	-9908 May	18 j 13:30	0°♉	
desc. node	-9908 Jun	04 j 08:46	13°♉44'17	
greatest brilliancy	-9908 Jun	19 j 19:26	22°♉01'59	-4.9m
retrograde	-9908 Jun	29 j 07:08	23°♉41'32	
evening set	-9908 Jul	16 j 09:34	18°♉09'00	
inferior conj	-9908 Jul	19 j 23:38	16°♉00'54	-8°31'57
minimum elong	-9908 Jul	19 j 17:50	16°♉09'40	8°31'04
min. Earth dist.	-9908 Jul	19 j 11:57	16°♉18'32	0.26534 AU
morning rise	-9908 Jul	23 j 02:10	14°♉10'00	
direct	-9908 Aug	09 j 07:26	8°♉30'58	
greatest brilliancy	-9908 Aug	19 j 11:00	10°♉28'58	-4.9m
	-9908 Sep	16 j 14:41	0°♊	
asc. node	-9908 Sep	24 j 04:52	7°♊14'13	
morning max el	-9908 Sep	28 j 20:45	11°♊54'52	46°35'40
	-9908 Oct	15 j 20:32	0°♋	
	-9908 Nov	11 j 07:24	0°♌	
	-9908 Dec	06 j 23:41	0°♍	
	-9907 Jan	01 j 09:10	0°♎	
desc. node	-9907 Jan	15 j 03:36	16°♎21'50	
	-9907 Jan	26 j 13:37	0°♏	
	-9907 Feb	20 j 11:49	0°♐	
	-9907 Mar	17 j 02:51	0°♑	
morning set	-9907 Mar	29 j 07:18	14°♑58'49	
	-9907 Apr	10 j 11:02	0°♒	
max. Earth dist.	-9907 Apr	29 j 05:06	23°♒18'44	1.72244 AU
superior conj	-9907 May	03 j 17:07	28°♒55'38	-0°06'57
minimum elong	-9907 May	03 j 18:33	29°♒00'05	0°07'15
behind sun begin	-9907 May	02 j 22:24	27°♒57'14	
behind sun end	-9907 May	04 j 14:41	0°♓02'56	
	-9907 May	04 j 13:44	0°♓	
asc. node	-9907 May	06 j 16:36	2°♓38'46	
	-9907 May	28 j 12:47	0°♈	
evening rise	-9907 Jun	09 j 07:09	14°♈46'10	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9907 Jun 21 j 10:06	0°♉	
	-9907 Jul 15 j 07:52	0°♊	
	-9907 Aug 08 j 08:23	0°♋	
desc. node	-9907 Aug 27 j 14:39	23°♋52'30	
	-9907 Sep 01 j 13:55	0°♌	
	-9907 Sep 26 j 02:59	0°♍	
	-9907 Oct 21 j 04:08	0°♎	
	-9907 Nov 16 j 04:45	0°♏	
evening max el	-9907 Dec 13 j 22:30	29°♏16'39	45°10'19
	-9907 Dec 14 j 16:22	0°♐	
asc. node	-9907 Dec 17 j 10:37	2°♐38'27	
greatest brilliancy	-9906 Jan 20 j 12:09	26°♐59'45	-4.7m
retrograde	-9906 Jan 31 j 05:52	29°♐04'29	
evening set	-9906 Feb 17 j 19:12	23°♐18'53	
inferior conj	-9906 Feb 21 j 17:31	20°♐53'32	7°48'05
minimum elong	-9906 Feb 21 j 21:56	20°♐46'35	7°47'13
min. Earth dist.	-9906 Feb 22 j 14:40	20°♐20'17	0.29436 AU
morning rise	-9906 Feb 26 j 00:23	18°♐14'17	
direct	-9906 Mar 15 j 17:32	12°♐23'27	
greatest brilliancy	-9906 Mar 26 j 10:59	14°♐25'45	-4.7m
desc. node	-9906 Apr 09 j 13:47	22°♐02'11	
	-9906 Apr 19 j 23:31	0°♑	
morning max el	-9906 May 04 j 04:22	12°♑54'26	46°16'23
	-9906 May 20 j 20:20	0°♒	
	-9906 Jun 16 j 12:54	0°♓	
	-9906 Jul 11 j 15:49	0°♈	
asc. node	-9906 Jul 30 j 06:47	22°♈53'30	
	-9906 Aug 05 j 00:06	0°♉	
	-9906 Aug 28 j 23:52	0°♊	
	-9906 Sep 21 j 21:57	0°♋	
	-9906 Oct 15 j 22:46	0°♌	
morning set	-9906 Nov 07 j 17:47	28°♌14'24	
	-9906 Nov 09 j 04:00	0°♍	
desc. node	-9906 Nov 20 j 02:38	13°♍29'14	
	-9906 Dec 03 j 12:53	0°♎	
superior conj	-9906 Dec 18 j 05:29	18°♎02'18	-0°57'13
minimum elong	-9906 Dec 17 j 20:08	17°♎33'36	0°57'01
max. Earth dist.	-9906 Dec 19 j 03:16	19°♎09'07	1.73498 AU
	-9906 Dec 27 j 23:27	0°♏	
	-9905 Jan 21 j 10:16	0°♐	
evening rise	-9905 Jan 24 j 10:49	3°♐42'32	
greatest brilliancy	-9905 Feb 07 j 11:45	20°♐55'53	-3.9m
	-9905 Feb 14 j 21:19	0°♑	
	-9905 Mar 11 j 09:53	0°♒	
asc. node	-9905 Mar 11 j 17:22	0°♒22'48	
	-9905 Apr 05 j 01:37	0°♓	
	-9905 Apr 29 j 22:06	0°♈	
	-9905 May 25 j 02:03	0°♉	
	-9905 Jun 19 j 20:23	0°♊	
desc. node	-9905 Jul 02 j 19:03	14°♊35'08	
	-9905 Jul 17 j 01:05	0°♋	
evening max el	-9905 Jul 23 j 04:31	6°♋20'47	47°50'25
	-9905 Aug 18 j 14:22	0°♌	
greatest brilliancy	-9905 Sep 02 j 18:41	8°♌31'49	-4.9m
retrograde	-9905 Sep 12 j 09:46	10°♌20'07	
evening set	-9905 Sep 28 j 02:45	5°♌21'26	
min. Earth dist.	-9905 Oct 02 j 17:34	2°♌30'55	0.27171 AU
inferior conj	-9905 Oct 03 j 05:21	2°♌12'13	-4°33'58
minimum elong	-9905 Oct 03 j 13:54	1°♌58'39	4°31'08
	-9905 Oct 06 j 18:08	30°℞♋	
morning rise	-9905 Oct 09 j 01:36	28°♋39'20	
asc. node	-9905 Oct 22 j 15:53	24°♋22'34	
direct	-9905 Oct 23 j 13:50	24°♋21'32	
greatest brilliancy	-9905 Nov 02 j 01:01	26°♋03'50	-4.8m
	-9905 Nov 10 j 11:48	0°♌	
morning max el	-9905 Dec 11 j 22:30	25°♌38'39	46°08'06
	-9905 Dec 16 j 08:30	0°♍	
	-9904 Jan 13 j 19:02	0°♎	
	-9904 Feb 09 j 12:30	0°♏	
desc. node	-9904 Feb 12 j 16:30	3°♏37'53	
	-9904 Mar 06 j 08:21	0°♐	
	-9904 Mar 31 j 12:16	0°♑	
	-9904 Apr 25 j 03:20	0°♒	
	-9904 May 19 j 08:29	0°♓	
asc. node	-9904 Jun 03 j 06:01	18°♓38'51	
morning set	-9904 Jun 04 j 23:37	20°♓49'29	
	-9904 Jun 12 j 06:39	0°♈	
	-9904 Jul 06 j 00:51	0°♉	
superior conj	-9904 Jul 13 j 13:28	9°♉31'16	1°15'24
minimum elong	-9904 Jul 13 j 05:24	9°♉05'43	1°15'33
max. Earth dist.	-9904 Jul 14 j 01:51	10°♉10'25	1.70760 AU
	-9904 Jul 29 j 18:09	0°♊	
	-9904 Aug 22 j 13:24	0°♋	
evening rise	-9904 Aug 23 j 21:36	1°♋41'07	
	-9904 Sep 15 j 12:41	0°♌	
desc. node	-9904 Sep 24 j 02:40	10°♌40'53	
	-9904 Oct 09 j 16:56	0°♍	
	-9904 Nov 03 j 02:39	0°♎	
	-9904 Nov 27 j 19:32	0°♏	
	-9904 Dec 23 j 00:30	0°♐	
asc. node	-9903 Jan 13 j 21:02	25°♐09'51	
	-9903 Jan 18 j 04:35	0°♑	
	-9903 Feb 15 j 10:18	0°♒	
evening max el	-9903 Feb 23 j 08:07	7°♒40'49	45°05'05
	-9903 Mar 23 j 08:57	0°♓	
greatest brilliancy	-9903 Apr 02 j 13:49	4°♓49'02	-4.7m
retrograde	-9903 Apr 12 j 16:00	6°♓36'39	
evening set	-9903 Apr 27 j 08:43	2°♓33'47	
	-9903 May 01 j 22:48	30°℞♒	
inferior conj	-9903 May 03 j 17:06	28°♒57'14	0°47'12
minimum elong	-9903 May 03 j 18:52	28°♒54'37	0°46'20
min. Earth dist.	-9903 May 04 j 14:14	28°♒25'45	0.27524 AU
desc. node	-9903 May 07 j 00:40	26°♒59'44	
morning rise	-9903 May 10 j 04:01	25°♒15'21	
direct	-9903 May 25 j 00:37	21°♒03'10	
greatest brilliancy	-9903 Jun 05 j 15:43	23°♒30'45	-4.8m
	-9903 Jun 17 j 10:09	0°♓	
morning max el	-9903 Jul 14 j 11:42	23°♓36'32	46°41'45
	-9903 Jul 20 j 16:20	0°♈	
	-9903 Aug 16 j 13:37	0°♉	
asc. node	-9903 Aug 26 j 19:19	12°♉02'41	
	-9903 Sep 10 j 18:24	0°♊	
	-9903 Oct 05 j 08:51	0°♋	
	-9903 Oct 29 j 20:23	0°♌	
	-9903 Nov 23 j 09:46	0°♍	
desc. node	-9903 Dec 17 j 16:17	29°♍32'31	
	-9903 Dec 18 j 01:20	0°♎	
	-9902 Jan 11 j 17:01	0°♏	
morning set	-9902 Jan 19 j 03:29	9°♏03'54	
	-9902 Feb 05 j 06:33	0°♐	
max. Earth dist.	-9902 Feb 21 j 03:43	19°♐28'55	1.73663 AU
superior conj	-9902 Feb 24 j 08:07	23°♐23'45	-1°16'09
minimum elong	-9902 Feb 24 j 13:11	23°♐39'21	1°16'37
	-9902 Mar 01 j 16:53	0°♑	
	-9902 Mar 26 j 00:25	0°♒	
evening rise	-9902 Mar 31 j 12:56	6°♒49'44	
asc. node	-9902 Apr 08 j 05:45	16°♒21'29	
	-9902 Apr 19 j 06:13	0°♓	
	-9902 May 13 j 11:28	0°♈	
	-9902 Jun 06 j 17:32	0°♉	
	-9902 Jul 01 j 02:29	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9902 Jul 25 j 17:49	0°♋		
desc. node	-9902 Jul 30 j 05:33	5°♋24'47		
	-9902 Aug 19 j 21:35	0°♌		
	-9902 Sep 15 j 03:23	0°♍		
evening max el	-9902 Oct 02 j 02:46	18°♍03'59	46°48'00	
	-9902 Oct 14 j 10:59	0°♎		
greatest brilliancy	-9902 Nov 10 j 09:29	18°♎52'22	-4.8m	
asc. node	-9902 Nov 19 j 02:32	21°♎07'15		
retrograde	-9902 Nov 21 j 14:35	21°♎14'51		
evening set	-9902 Dec 07 j 01:27	16°♎23'45		
min. Earth dist.	-9902 Dec 12 j 03:30	13°♎13'44	0.28944 AU	
inferior conj	-9902 Dec 12 j 19:23	12°♎48'04	5°05'51	
minimum elong	-9902 Dec 12 j 11:00	13°♎01'36	5°03'55	
morning rise	-9902 Dec 17 j 21:14	9°♎37'18		
direct	-9901 Jan 03 j 05:16	4°♎25'10		
greatest brilliancy	-9901 Jan 12 j 02:24	5°♎52'31	-4.7m	
	-9901 Feb 16 j 14:44	0°♏		
morning max el	-9901 Feb 20 j 23:05	4°♏02'30	45°56'57	
desc. node	-9901 Mar 12 j 04:38	23°♏18'42		
	-9901 Mar 18 j 11:43	0°♐		
	-9901 Apr 14 j 09:34	0°♑		
	-9901 May 09 j 22:16	0°♒		
	-9901 Jun 03 j 14:45	0°♓		
	-9901 Jun 27 j 18:15	0°♈		
asc. node	-9901 Jul 01 j 19:37	5°♈05'10		
	-9901 Jul 21 j 14:09	0°♉		
	-9901 Aug 14 j 07:14	0°♊		
morning set	-9901 Aug 19 j 12:20	6°♊35'37		
	-9901 Sep 07 j 01:27	0°♋		
superior conj	-9901 Sep 30 j 17:13	29°♋40'35	0°47'00	
minimum elong	-9901 Oct 01 j 04:16	0°♌15'05	0°47'06	
	-9901 Sep 30 j 23:26	0°♌		
max. Earth dist.	-9901 Oct 07 j 18:02	8°♌27'17	1.71742 AU	
desc. node	-9901 Oct 22 j 15:29	26°♌58'28		
	-9901 Oct 25 j 02:03	0°♍		
evening rise	-9901 Nov 12 j 07:23	22°♍31'51		
	-9901 Nov 18 j 08:46	0°♎		
	-9901 Dec 12 j 18:48	0°♏		
	-9900 Jan 06 j 08:32	0°♐		
	-9900 Jan 31 j 04:21	0°♑		
asc. node	-9900 Feb 11 j 07:55	13°♑19'24		
	-9900 Feb 25 j 10:27	0°♒		
	-9900 Mar 22 j 08:58	0°♓		
	-9900 Apr 18 j 12:30	0°♈		
evening max el	-9900 May 07 j 15:50	19°♈36'58	46°36'36	
	-9900 May 18 j 19:11	0°♉		
desc. node	-9900 Jun 03 j 11:04	12°♉20'58		
greatest brilliancy	-9900 Jun 17 j 07:00	19°♉31'43	-4.9m	
retrograde	-9900 Jun 26 j 18:05	21°♉10'43		
evening set	-9900 Jul 13 j 17:21	15°♉44'52		
inferior conj	-9900 Jul 17 j 11:24	13°♉31'11	-8°24'17	
minimum elong	-9900 Jul 17 j 04:48	13°♉41'08	8°23'16	
min. Earth dist.	-9900 Jul 17 j 00:22	13°♉47'49	0.26531 AU	
morning rise	-9900 Jul 20 j 16:17	11°♉36'49		
direct	-9900 Aug 06 j 19:12	6°♉01'22		
greatest brilliancy	-9900 Aug 17 j 00:36	8°♉00'24	-4.9m	
	-9900 Sep 16 j 19:26	0°♊		
asc. node	-9900 Sep 23 j 07:10	6°♊18'38		
morning max el	-9900 Sep 26 j 08:12	9°♊23'00	46°36'26	
	-9900 Oct 15 j 14:35	0°♋		
	-9900 Nov 10 j 22:07	0°♌		
	-9900 Dec 06 j 12:46	0°♍		
	-9900 Dec 31 j 21:17	0°♎		
desc. node	-9899 Jan 14 j 05:37	15°♎52'48		
	-9899 Jan 26 j 01:07	0°♏		
	-9899 Feb 19 j 22:56	0°♐		
	-9899 Mar 16 j 13:44	0°♑		
morning set	-9899 Mar 27 j 02:47	12°♑57'35		
	-9899 Apr 09 j 21:51	0°♒		
max. Earth dist.	-9899 Apr 26 j 23:07	21°♒11'25	1.72312 AU	
superior conj	-9899 May 01 j 11:26	26°♒49'05	-0°10'01	
minimum elong	-9899 May 01 j 13:27	26°♒55'23	0°10'18	
behind sun begin	-9899 Apr 30 j 20:13	26°♒01'36		
behind sun end	-9899 May 02 j 06:42	27°♒49'10		
	-9899 May 04 j 00:38	0°♓		
asc. node	-9899 May 05 j 18:51	2°♓11'47		
	-9899 May 27 j 23:49	0°♈		
evening rise	-9899 Jun 06 j 22:58	12°♈30'18		
	-9899 Jun 20 j 21:20	0°♉		
	-9899 Jul 14 j 19:19	0°♊		
	-9899 Aug 07 j 20:04	0°♋		
desc. node	-9899 Aug 26 j 16:48	23°♋22'14		
	-9899 Sep 01 j 01:57	0°♌		
	-9899 Sep 25 j 15:33	0°♍		
	-9899 Oct 20 j 17:40	0°♎		
	-9899 Nov 15 j 20:26	0°♏		
evening max el	-9899 Dec 11 j 13:16	27°♏02'55	45°12'35	
	-9899 Dec 14 j 14:48	0°♐		
asc. node	-9899 Dec 16 j 12:54	1°♐48'39		