Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

superior conj	-8400 Dec 05 j 22:04	16°♎23'44	-0°41'16
minimum elong	-8400 Dec 05 j 13:10	15°♎56'19	0°40'59
max. Earth dist.	-8400 Dec 09 j 01:20	20°♎15'51	1.72935 AU
	-8400 Dec 16 j 22:59	0°♏	
	-8399 Jan 10 j 08:27	0°♐	
evening rise	-8399 Jan 13 j 17:40	4°♐09'17	
	-8399 Feb 03 j 19:37	0°♑	
	-8399 Feb 28 j 09:25	0°♒	
asc. node	-8399 Mar 08 j 20:25	10°♒16'55	
	-8399 Mar 25 j 03:31	0°♓	
	-8399 Apr 19 j 03:48	0°♈	
	-8399 May 14 j 13:16	0°♉	
	-8399 Jun 09 j 15:12	0°♊	
desc. node	-8399 Jun 29 j 12:56	21°♊51'34	
	-8399 Jul 07 j 07:45	0°♋	
evening max el	-8399 Jul 11 j 05:32	3°♋57'47	47°35'03
	-8399 Aug 10 j 17:29	0°♌	
greatest brilliancy	-8399 Aug 21 j 17:52	5°♌29'12	-4.9m
retrograde	-8399 Aug 31 j 02:25	7°♌09'57	
evening set	-8399 Sep 16 j 10:49	1°♌51'21	
	-8399 Sep 19 j 12:28	30°℞♋	
inferior conj	-8399 Sep 20 j 17:44	29°♋14'41	-6°32'01
minimum elong	-8399 Sep 21 j 04:06	28°♋58'39	6°29'14
min. Earth dist.	-8399 Sep 20 j 09:47	29°♋27'00	0.26692 AU
morning rise	-8399 Sep 25 j 21:43	26°♋09'22	
direct	-8399 Oct 10 j 23:13	21°♋35'35	
asc. node	-8399 Oct 19 j 18:14	23°♋06'04	
greatest brilliancy	-8399 Oct 20 j 17:23	23°♋26'04	-4.9m
	-8399 Nov 02 j 03:03	0°♌	
morning max el	-8399 Nov 29 j 22:12	23°♌58'31	46°20'01
	-8399 Dec 05 j 21:30	0°♍	
	-8398 Jan 02 j 18:47	0°♎	
	-8398 Jan 29 j 06:10	0°♏	
desc. node	-8398 Feb 09 j 10:43	12°♏56'07	
	-8398 Feb 24 j 01:00	0°♐	
	-8398 Mar 21 j 07:33	0°♑	
	-8398 Apr 15 j 03:21	0°♒	
	-8398 May 09 j 13:51	0°♓	
morning set	-8398 May 26 j 02:35	20°♓31'24	
asc. node	-8398 Jun 01 j 09:13	28°♓21'20	
	-8398 Jun 02 j 16:48	0°♈	
	-8398 Jun 26 j 14:22	0°♉	
max. Earth dist.	-8398 Jun 29 j 14:03	3°♉45'42	1.71183 AU
superior conj	-8398 Jul 02 j 08:58	7°♉16'33	1°03'47
minimum elong	-8398 Jul 01 j 23:33	6°♉46'53	1°03'46
	-8398 Jul 20 j 09:09	0°♊	
evening rise	-8398 Aug 10 j 17:36	26°♊56'14	
	-8398 Aug 13 j 03:57	0°♋	
	-8398 Sep 06 j 01:12	0°♌	
desc. node	-8398 Sep 21 j 21:10	19°♌46'12	
	-8398 Sep 30 j 02:38	0°♍	
	-8398 Oct 24 j 09:24	0°♎	
	-8398 Nov 17 j 23:17	0°♏	
	-8398 Dec 13 j 00:55	0°♐	
	-8397 Jan 08 j 01:08	0°♑	
asc. node	-8397 Jan 11 j 23:37	4°♑23'33	
	-8397 Feb 05 j 03:26	0°♒	
evening max el	-8397 Feb 12 j 16:08	7°♒20'25	44°56'43
	-8397 Mar 13 j 07:39	0°♓	
greatest brilliancy	-8397 Mar 22 j 08:27	4°♓12'24	-4.7m
retrograde	-8397 Apr 01 j 14:10	6°♓03'12	
evening set	-8397 Apr 16 j 20:55	1°♓42'19	
	-8397 Apr 19 j 21:26	30°℞♒	
inferior conj	-8397 Apr 22 j 20:46	28°♒12'34	2°42'52
minimum elong	-8397 Apr 23 j 02:26	28°♒03'55	2°40'59
min. Earth dist.	-8397 Apr 23 j 22:51	27°♒32'48	0.28294 AU
morning rise	-8397 Apr 29 j 06:57	24°♒26'21	
desc. node	-8397 May 04 j 18:18	21°♒54'32	
direct	-8397 May 14 j 12:58	20°♒02'59	
greatest brilliancy	-8397 May 26 j 01:28	22°♒25'31	-4.8m
	-8397 Jun 08 j 13:20	0°♓	
morning max el	-8397 Jul 03 j 13:50	21°♓46'22	46°33'37
	-8397 Jul 11 j 14:36	0°♈	
	-8397 Aug 07 j 13:29	0°♉	
asc. node	-8397 Aug 24 j 22:02	20°♉32'45	
	-8397 Sep 01 j 17:44	0°♊	
	-8397 Sep 26 j 04:37	0°♋	
	-8397 Oct 20 j 10:10	0°♌	
	-8397 Nov 13 j 16:41	0°♍	
	-8397 Dec 08 j 02:23	0°♎	
desc. node	-8397 Dec 15 j 10:48	9°♎00'21	
	-8396 Jan 01 j 14:31	0°♏	
morning set	-8396 Jan 08 j 22:09	8°♏57'03	
	-8396 Jan 26 j 03:04	0°♐	
max. Earth dist.	-8396 Feb 13 j 15:21	22°♐41'01	1.73783 AU
superior conj	-8396 Feb 15 j 07:17	24°♐43'29	-1°20'33
minimum elong	-8396 Feb 15 j 09:46	24°♐51'07	1°21'05
	-8396 Feb 19 j 14:28	0°♑	
	-8396 Mar 15 j 00:22	0°♒	
evening rise	-8396 Mar 21 j 22:53	8°♒32'10	
asc. node	-8396 Apr 05 j 08:54	26°♒17'04	
	-8396 Apr 08 j 09:20	0°♓	
	-8396 May 02 j 18:14	0°♈	
	-8396 May 27 j 04:03	0°♉	
	-8396 Jun 20 j 16:24	0°♊	
	-8396 Jul 15 j 10:25	0°♋	
desc. node	-8396 Jul 26 j 23:39	13°♋49'48	
	-8396 Aug 09 j 16:10	0°♌	
	-8396 Sep 04 j 23:23	0°♍	
evening max el	-8396 Sep 20 j 18:58	16°♍50'58	47°22'02
	-8396 Oct 04 j 08:15	0°♎	
greatest brilliancy	-8396 Oct 31 j 01:35	18°♎36'18	-4.9m
retrograde	-8396 Nov 10 j 20:13	20°♎50'11	
asc. node	-8396 Nov 16 j 04:47	20°♎13'58	
evening set	-8396 Nov 25 j 21:09	16°♎13'46	
min. Earth dist.	-8396 Dec 01 j 01:01	13°♎02'43	0.28230 AU
inferior conj	-8396 Dec 01 j 22:09	12°♎28'38	3°37'44
minimum elong	-8396 Dec 01 j 15:18	12°♎39'41	3°35'51
morning rise	-8396 Dec 07 j 10:17	9°♎03'34	
direct	-8396 Dec 22 j 21:34	4°♎18'44	
greatest brilliancy	-8396 Dec 31 j 17:40	5°♎45'38	-4.8m
	-8395 Feb 05 j 04:15	0°♏	
morning max el	-8395 Feb 09 j 14:29	4°♏07'52	45°55'55
	-8395 Mar 07 j 01:14	0°♐	
desc. node	-8395 Mar 08 j 22:36	2°♐01'43	
	-8395 Apr 03 j 03:07	0°♑	
	-8395 Apr 28 j 21:53	0°♒	
	-8395 May 23 j 20:53	0°♓	
	-8395 Jun 17 j 06:03	0°♈	
asc. node	-8395 Jun 28 j 22:44	14°♈34'41	
	-8395 Jul 11 j 05:43	0°♉	
greatest brilliancy	-8395 Jul 19 j 16:00	10°♉37'17	-3.9m
	-8395 Aug 03 j 23:59	0°♊	
morning set	-8395 Aug 06 j 02:21	2°♊39'22	
	-8395 Aug 27 j 16:49	0°♋	
superior conj	-8395 Sep 16 j 05:53	24°♋40'09	1°06'00
minimum elong	-8395 Sep 16 j 17:23	25°♋16'21	1°06'12

Command: swevents -p3 -doall -mpdf -eswe -b1.1.-8400 -n366732 -s0.5 -roundmin

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8395 Sep 20 j 11:34	0°♌	
max. Earth dist.	-8395 Sep 22 j 04:23	2°♌08'17	1.71067 AU
	-8395 Oct 14 j 10:14	0°♍	
desc. node	-8395 Oct 19 j 10:03	6°♍13'31	
evening rise	-8395 Oct 29 j 11:33	18°♍44'35	
	-8395 Nov 07 j 13:19	0°♎	
	-8395 Dec 01 j 20:31	0°♏	
	-8395 Dec 26 j 08:13	0°♐	
	-8394 Jan 20 j 02:40	0°♑	
asc. node	-8394 Feb 08 j 10:43	23°♑02'49	
	-8394 Feb 14 j 08:25	0°♒	
	-8394 Mar 12 j 08:53	0°♓	
	-8394 Apr 08 j 19:25	0°♈	
evening max el	-8394 Apr 25 j 21:49	17°♈14'19	45°55'36
	-8394 May 10 j 01:10	0°♉	
desc. node	-8394 Jun 01 j 04:49	14°♉42'58	
greatest brilliancy	-8394 Jun 04 j 18:12	16°♉06'04	-4.8m
retrograde	-8394 Jun 14 j 10:18	17°♉48'24	
evening set	-8394 Jun 30 j 08:28	13°♉02'26	
inferior conj	-8394 Jul 05 j 06:20	10°♉11'52	-7°12'04
minimum elong	-8394 Jul 04 j 20:10	10°♉27'02	7°09'55
min. Earth dist.	-8394 Jul 05 j 04:23	10°♉14'48	0.26800 AU
morning rise	-8394 Jul 09 j 07:37	7°♉49'24	
direct	-8394 Jul 25 j 21:07	2°♉35'03	
greatest brilliancy	-8394 Aug 05 j 16:04	4°♉45'40	-4.9m
	-8394 Sep 08 j 15:13	0°♊	
morning max el	-8394 Sep 14 j 14:27	5°♊58'27	46°45'47
asc. node	-8394 Sep 21 j 09:39	13°♊05'04	
	-8394 Oct 06 j 18:25	0°♋	
	-8394 Nov 01 j 15:19	0°♌	
	-8394 Nov 26 j 20:26	0°♍	
	-8394 Dec 21 j 21:24	0°♎	
desc. node	-8393 Jan 12 j 00:04	25°♎21'07	
	-8393 Jan 15 j 20:49	0°♏	
	-8393 Feb 09 j 17:37	0°♐	
	-8393 Mar 06 j 10:12	0°♑	
morning set	-8393 Mar 18 j 05:15	14°♑24'57	
	-8393 Mar 30 j 21:52	0°♒	
max. Earth dist.	-8393 Apr 18 j 09:14	22°♒47'35	1.72994 AU
superior conj	-8393 Apr 22 j 12:17	27°♒54'12	-0°26'04
minimum elong	-8393 Apr 22 j 17:06	28°♒09'07	0°26'12
	-8393 Apr 24 j 04:53	0°♓	
asc. node	-8393 May 03 j 22:04	12°♓03'27	
	-8393 May 18 j 08:10	0°♈	
evening rise	-8393 May 28 j 06:14	12°♈22'23	
	-8393 Jun 11 j 08:57	0°♉	
	-8393 Jul 05 j 08:58	0°♊	
	-8393 Jul 29 j 10:25	0°♋	
	-8393 Aug 22 j 15:48	0°♌	
desc. node	-8393 Aug 24 j 11:03	2°♌13'14	
	-8393 Sep 16 j 04:00	0°♍	
	-8393 Oct 11 j 03:41	0°♎	
	-8393 Nov 06 j 02:13	0°♏	
evening max el	-8393 Dec 01 j 07:40	26°♏53'14	45°44'47
	-8393 Dec 04 j 11:54	0°♐	
asc. node	-8393 Dec 14 j 15:21	9°♐19'56	
greatest brilliancy	-8392 Jan 08 j 08:40	25°♐43'47	-4.7m
retrograde	-8392 Jan 19 j 11:28	27°♐59'26	
evening set	-8392 Feb 06 j 02:24	22°♐01'03	
inferior conj	-8392 Feb 09 j 21:59	19°♐37'29	8°04'54
minimum elong	-8392 Feb 09 j 22:28	19°♐36'42	8°04'23
min. Earth dist.	-8392 Feb 10 j 04:55	19°♐26'27	0.29609 AU
morning rise	-8392 Feb 13 j 18:35	17°♐12'13	
direct	-8392 Mar 02 j 19:36	11°♐05'00	
greatest brilliancy	-8392 Mar 12 j 18:40	12°♐52'18	-4.7m
desc. node	-8392 Apr 05 j 09:48	27°♐16'00	
	-8392 Apr 08 j 16:54	0°♑	
morning max el	-8392 Apr 20 j 22:30	11°♑05'28	46°02'54
	-8392 May 09 j 13:02	0°♒	
	-8392 Jun 05 j 10:49	0°♓	
	-8392 Jun 30 j 18:56	0°♈	
	-8392 Jul 25 j 06:29	0°♉	
asc. node	-8392 Jul 26 j 11:44	1°♉30'40	
	-8392 Aug 18 j 06:42	0°♊	
	-8392 Sep 11 j 02:22	0°♋	
	-8392 Oct 04 j 22:38	0°♌	
morning set	-8392 Oct 22 j 13:52	22°♌04'21	
	-8392 Oct 28 j 22:29	0°♍	
desc. node	-8392 Nov 15 j 23:25	22°♍24'34	
	-8392 Nov 22 j 02:35	0°♎	
superior conj	-8392 Dec 03 j 10:14	13°♎59'08	-0°38'08
minimum elong	-8392 Dec 03 j 01:45	13°♎32'58	0°37'50
max. Earth dist.	-8392 Dec 06 j 19:41	18°♎10'27	1.72882 AU
	-8392 Dec 16 j 09:58	0°♏	
	-8391 Jan 09 j 19:24	0°♐	
evening rise	-8391 Jan 11 j 10:09	1°♐58'58	
	-8391 Feb 03 j 06:39	0°♑	
	-8391 Feb 27 j 20:40	0°♒	
asc. node	-8391 Mar 07 j 22:35	9°♒48'56	
	-8391 Mar 24 j 15:14	0°♓	
	-8391 Apr 18 j 16:21	0°♈	
	-8391 May 14 j 03:13	0°♉	
	-8391 Jun 09 j 07:40	0°♊	
desc. node	-8391 Jun 28 j 15:05	21°♊03'57	
	-8391 Jul 07 j 06:19	0°♋	
evening max el	-8391 Jul 08 j 20:15	1°♋35'23	47°32'47
	-8391 Aug 12 j 12:14	0°♌	
greatest brilliancy	-8391 Aug 19 j 07:15	3°♌00'10	-4.9m
retrograde	-8391 Aug 28 j 15:20	4°♌39'55	
	-8391 Sep 12 j 21:24	30°℞♋	
evening set	-8391 Sep 14 j 02:52	29°♋17'32	
inferior conj	-8391 Sep 18 j 06:25	26°♋45'46	-6°48'10
minimum elong	-8391 Sep 18 j 16:44	26°♋29'47	6°45'30
min. Earth dist.	-8391 Sep 17 j 22:43	26°♋57'42	0.26670 AU
morning rise	-8391 Sep 23 j 06:56	23°♋45'21	
direct	-8391 Oct 08 j 12:06	19°♋07'41	
greatest brilliancy	-8391 Oct 18 j 06:20	20°♋58'09	-4.9m
asc. node	-8391 Oct 18 j 20:30	21°♋11'16	
	-8391 Nov 03 j 03:18	0°♌	
morning max el	-8391 Nov 27 j 11:34	21°♌34'58	46°21'01
	-8391 Dec 05 j 18:14	0°♍	
	-8390 Jan 02 j 10:25	0°♎	
	-8390 Jan 28 j 19:37	0°♏	
desc. node	-8390 Feb 08 j 12:43	12°♏24'27	
	-8390 Feb 23 j 13:19	0°♐	
	-8390 Mar 20 j 19:10	0°♑	
	-8390 Apr 14 j 14:35	0°♒	
	-8390 May 09 j 00:52	0°♓	
morning set	-8390 May 23 j 20:17	18°♓22'55	
asc. node	-8390 May 31 j 11:28	27°♓54'11	
	-8390 Jun 02 j 03:45	0°♈	
	-8390 Jun 26 j 01:23	0°♉	
max. Earth dist.	-8390 Jun 26 j 22:49	1°♉07'27	1.71240 AU
superior conj	-8390 Jun 29 j 23:59	4°♉57'52	1°01'30
minimum elong	-8390 Jun 29 j 14:33	4°♉28'11	1°01'28
	-8390 Jul 19 j 20:19	0°♊	
evening rise	-8390 Aug 08 j 03:57	24°♊22'03	
	-8390 Aug 12 j 15:16	0°♋	
	-8390 Sep 05 j 12:40	0°♌	
desc. node	-8390 Sep 20 j 23:18	19°♌16'50	
	-8390 Sep 29 j 14:15	0°♍	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8390 Oct 23 j 21:15	0°♎		
	-8390 Nov 17 j 11:35	0°♏		
	-8390 Dec 12 j 14:05	0°♐		
	-8389 Jan 07 j 16:13	0°♑		
asc. node	-8389 Jan 11 j 01:45	3°♑46'25		
	-8389 Feb 04 j 23:56	0°♒		
evening max el	-8389 Feb 10 j 06:14	5°♒05'41	44°56'32	
	-8389 Mar 15 j 02:43	0°♓		
greatest brilliancy	-8389 Mar 19 j 23:24	2°♓00'52	-4.7m	
retrograde	-8389 Mar 30 j 04:36	3°♓51'46		
	-8389 Apr 13 j 13:06	30°♓♒		
evening set	-8389 Apr 14 j 13:55	29°♒27'30		
inferior conj	-8389 Apr 20 j 11:58	26°♒00'10	3°01'31	
minimum elong	-8389 Apr 20 j 18:11	25°♒50'40	2°59'31	
min. Earth dist.	-8389 Apr 21 j 14:55	25°♒19'01	0.28360 AU	
morning rise	-8389 Apr 26 j 21:22	22°♒14'31		
desc. node	-8389 May 03 j 20:34	19°♒10'14		
direct	-8389 May 12 j 04:12	17°♒49'08		
greatest brilliancy	-8389 May 23 j 17:41	20°♒12'04	-4.8m	
	-8389 Jun 09 j 07:02	0°♓		
morning max el	-8389 Jul 01 j 03:58	19°♓26'07	46°32'42	
	-8389 Jul 11 j 10:09	0°♈		
	-8389 Aug 07 j 04:45	0°♉		
asc. node	-8389 Aug 24 j 00:15	19°♉57'22		
	-8389 Sep 01 j 07:18	0°♊		
	-8389 Sep 25 j 17:20	0°♋		
	-8389 Oct 19 j 22:20	0°♌		
	-8389 Nov 13 j 04:28	0°♍		
	-8389 Dec 07 j 13:53	0°♎		
desc. node	-8389 Dec 14 j 12:54	8°♎31'50		
	-8388 Jan 01 j 01:46	0°♏		
morning set	-8388 Jan 06 j 13:00	6°♏41'26		
	-8388 Jan 25 j 14:08	0°♐		
max. Earth dist.	-8388 Feb 11 j 10:43	20°♐39'33	1.73782 AU	
superior conj	-8388 Feb 13 j 01:36	22°♐38'46	-1°20'58	
minimum elong	-8388 Feb 13 j 03:29	22°♐44'33	1°21'30	
	-8388 Feb 19 j 01:27	0°♑		
	-8388 Mar 14 j 11:24	0°♒		
evening rise	-8388 Mar 19 j 18:22	6°♒30'23		
asc. node	-8388 Apr 04 j 11:09	25°♒49'35		
	-8388 Apr 07 j 20:32	0°♓		
	-8388 May 02 j 05:44	0°♈		
	-8388 May 26 j 16:00	0°♉		
	-8388 Jun 20 j 04:57	0°♊		
	-8388 Jul 14 j 23:53	0°♋		
desc. node	-8388 Jul 26 j 01:44	13°♋14'10		
	-8388 Aug 09 j 07:10	0°♌		
	-8388 Sep 04 j 17:40	0°♍		
evening max el	-8388 Sep 18 j 09:35	14°♍29'11	47°24'31	
	-8388 Oct 04 j 14:04	0°♎		
greatest brilliancy	-8388 Oct 28 j 19:04	16°♎20'13	-4.9m	
retrograde	-8388 Nov 08 j 12:16	18°♎33'22		
asc. node	-8388 Nov 15 j 07:08	17°♎35'02		
evening set	-8388 Nov 23 j 12:04	13°♎58'30		
min. Earth dist.	-8388 Nov 28 j 17:07	10°♎46'11	0.28160 AU	
inferior conj	-8388 Nov 29 j 14:06	10°♎12'26	3°19'34	
minimum elong	-8388 Nov 29 j 07:42	10°♎22'45	3°17'47	
morning rise	-8388 Dec 05 j 04:08	6°♎44'53		
direct	-8388 Dec 20 j 12:07	2°♎03'28		
greatest brilliancy	-8388 Dec 29 j 09:31	3°♎31'32	-4.8m	
	-8387 Feb 05 j 04:50	0°♏		
morning max el	-8387 Feb 07 j 05:50	1°♏55'27	45°56'22	
	-8387 Mar 06 j 17:45	0°♐		
desc. node	-8387 Mar 08 j 00:52	1°♐23'56		
	-8387 Apr 02 j 16:56	0°♑		
	-8387 Apr 28 j 10:27	0°♒		
	-8387 May 23 j 08:49	0°♓		
	-8387 Jun 16 j 17:38	0°♈		
asc. node	-8387 Jun 28 j 00:45	14°♈05'07		
	-8387 Jul 10 j 17:08	0°♉		
greatest brilliancy	-8387 Jul 19 j 05:41	10°♉44'36	-3.9m	
	-8387 Aug 03 j 11:20	0°♊		
morning set	-8387 Aug 03 j 14:15	0°♊09'16		
	-8387 Aug 27 j 04:08	0°♋		
superior conj	-8387 Sep 13 j 14:50	22°♋01'26	1°08'21	
minimum elong	-8387 Sep 14 j 01:59	22°♋36'35	1°08'35	
max. Earth dist.	-8387 Sep 19 j 07:51	29°♋12'40	1.71025 AU	
	-8387 Sep 19 j 22:54	0°♌		
	-8387 Oct 13 j 21:37	0°♍		
desc. node	-8387 Oct 18 j 12:15	5°♍44'55		
evening rise	-8387 Oct 26 j 20:46	16°♍08'45		
	-8387 Nov 07 j 00:45	0°♎		
	-8387 Dec 01 j 08:01	0°♏		
	-8387 Dec 25 j 19:55	0°♐		
	-8386 Jan 19 j 14:49	0°♑		
asc. node	-8386 Feb 07 j 12:55	22°♑31'33		
	-8386 Feb 13 j 21:29	0°♒		
	-8386 Mar 11 j 23:49	0°♓		
	-8386 Apr 08 j 14:35	0°♈		
evening max el	-8386 Apr 23 j 11:44	14°♈54'21	45°52'17	
	-8386 May 10 j 12:31	0°♉		
desc. node	-8386 May 31 j 07:02	12°♉55'42		
greatest brilliancy	-8386 Jun 02 j 04:22	13°♉37'13	-4.8m	
retrograde	-8386 Jun 11 j 22:47	15°♉21'00		
evening set	-8386 Jun 27 j 16:30	10°♉40'23		
inferior conj	-8386 Jul 02 j 18:20	7°♉44'22	-6°57'21	
minimum elong	-8386 Jul 02 j 07:56	7°♉59'50	6°55'04	
min. Earth dist.	-8386 Jul 02 j 16:35	7°♉46'57	0.26824 AU	
morning rise	-8386 Jul 06 j 23:11	5°♉17'08		
direct	-8386 Jul 23 j 10:27	0°♉07'06		
greatest brilliancy	-8386 Aug 03 j 05:12	2°♉17'54	-4.9m	
	-8386 Sep 08 j 16:22	0°♊		
morning max el	-8386 Sep 12 j 04:15	3°♊31'57	46°46'11	
asc. node	-8386 Sep 20 j 11:55	12°♊16'04		
	-8386 Oct 06 j 11:42	0°♋		
	-8386 Nov 01 j 05:54	0°♌		
	-8386 Nov 26 j 09:40	0°♍		
	-8386 Dec 21 j 09:50	0°♎		
desc. node	-8385 Jan 11 j 02:04	24°♎51'14		
	-8385 Jan 15 j 08:41	0°♏		
	-8385 Feb 09 j 05:05	0°♐		
	-8385 Mar 05 j 21:25	0°♑		
morning set	-8385 Mar 16 j 00:18	12°♑22'11		
	-8385 Mar 30 j 08:58	0°♒		
max. Earth dist.	-8385 Apr 16 j 05:54	20°♒48'44	1.73045 AU	
superior conj	-8385 Apr 20 j 07:15	25°♒49'57	-0°28'54	
minimum elong	-8385 Apr 20 j 12:31	26°♒06'13	0°29'02	
	-8385 Apr 23 j 16:00	0°♓		
asc. node	-8385 May 03 j 00:14	11°♓35'34		
	-8385 May 17 j 19:24	0°♈		
evening rise	-8385 May 26 j 00:03	10°♈12'57		
	-8385 Jun 10 j 20:23	0°♉		
	-8385 Jul 04 j 20:40	0°♊		
	-8385 Jul 28 j 22:26	0°♋		
	-8385 Aug 22 j 04:12	0°♌		
desc. node	-8385 Aug 23 j 13:19	1°♌41'55		
	-8385 Sep 15 j 16:57	0°♍		
	-8385 Oct 10 j 17:38	0°♎		
	-8385 Nov 05 j 18:23	0°♏		
evening max el	-8385 Nov 29 j 00:19	24°♏41'53	45°47'48	
	-8385 Dec 04 j 11:11	0°♐		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

asc. node	-8385 Dec 13 j 17:27	8°♐21'38	
greatest brilliancy	-8384 Jan 06 j 01:53	23°♐36'54	-4.7m
retrograde	-8384 Jan 17 j 05:04	25°♐52'46	
evening set	-8384 Feb 03 j 19:29	19°♐54'49	
inferior conj	-8384 Feb 07 j 15:26	17°♐30'16	8°05'20
minimum elong	-8384 Feb 07 j 15:16	17°♐30'30	8°04'49
min. Earth dist.	-8384 Feb 07 j 20:41	17°♐21'51	0.29606 AU
morning rise	-8384 Feb 11 j 11:08	15°♐06'05	
direct	-8384 Feb 29 j 13:11	8°♐58'05	
greatest brilliancy	-8384 Mar 10 j 09:21	10°♐43'01	-4.7m
desc. node	-8384 Apr 04 j 12:02	26°♐16'18	
	-8384 Apr 08 j 21:16	0°♑	
morning max el	-8384 Apr 18 j 14:43	8°♑55'33	46°01'58
	-8384 May 09 j 06:23	0°♒	
	-8384 Jun 05 j 01:08	0°♓	
	-8384 Jun 30 j 07:55	0°♈	
	-8384 Jul 24 j 18:48	0°♉	
asc. node	-8384 Jul 25 j 13:52	0°♉59'11	
	-8384 Aug 17 j 18:38	0°♊	
	-8384 Sep 10 j 14:06	0°♋	
	-8384 Oct 04 j 10:12	0°♌	
morning set	-8384 Oct 20 j 00:07	19°♌30'47	
	-8384 Oct 28 j 09:53	0°♍	
desc. node	-8384 Nov 15 j 01:28	21°♍55'57	
	-8384 Nov 21 j 13:50	0°♎	
superior conj	-8384 Nov 30 j 22:37	11°♎34'34	-0°34'56
minimum elong	-8384 Nov 30 j 14:38	11°♎09'54	0°34'39
max. Earth dist.	-8384 Dec 04 j 16:12	16°♎11'05	1.72824 AU
	-8384 Dec 15 j 21:07	0°♏	
evening rise	-8383 Jan 09 j 02:46	29°♏48'22	
	-8383 Jan 09 j 06:33	0°♐	
	-8383 Feb 02 j 17:54	0°♑	
	-8383 Feb 27 j 08:13	0°♒	
asc. node	-8383 Mar 07 j 00:50	9°♒20'20	
	-8383 Mar 24 j 03:18	0°♓	
	-8383 Apr 18 j 05:17	0°♈	
	-8383 May 13 j 17:36	0°♉	
	-8383 Jun 09 j 00:46	0°♊	
desc. node	-8383 Jun 27 j 17:12	20°♊14'41	
evening max el	-8383 Jul 06 j 09:46	29°♊09'05	47°30'23
	-8383 Jul 07 j 06:11	0°♋	
	-8383 Aug 15 j 11:04	0°♌	
greatest brilliancy	-8383 Aug 16 j 21:07	0°♌30'48	-4.9m
retrograde	-8383 Aug 26 j 03:38	2°♌08'59	
	-8383 Sep 05 j 08:53	30°℞♋	
evening set	-8383 Sep 11 j 18:54	26°♋42'50	
inferior conj	-8383 Sep 15 j 19:03	24°♋16'07	-7°03'39
minimum elong	-8383 Sep 16 j 05:15	24°♋00'19	7°01'05
min. Earth dist.	-8383 Sep 15 j 11:56	24°♋27'09	0.26648 AU
morning rise	-8383 Sep 20 j 15:53	21°♋20'48	
direct	-8383 Oct 06 j 00:26	16°♋38'51	
greatest brilliancy	-8383 Oct 15 j 19:48	18°♋29'56	-4.9m
asc. node	-8383 Oct 17 j 22:46	19°♋20'19	
	-8383 Nov 03 j 21:32	0°♌	
morning max el	-8383 Nov 25 j 00:06	19°♌08'34	46°22'17
	-8383 Dec 05 j 14:28	0°♍	
	-8382 Jan 02 j 01:53	0°♎	
	-8382 Jan 28 j 09:03	0°♏	
desc. node	-8382 Feb 07 j 14:58	11°♏53'28	
	-8382 Feb 23 j 01:39	0°♐	
	-8382 Mar 20 j 06:53	0°♑	
	-8382 Apr 14 j 01:56	0°♒	
	-8382 May 08 j 12:03	0°♓	
morning set	-8382 May 21 j 13:57	16°♓13'44	
asc. node	-8382 May 30 j 13:31	27°♓25'44	
	-8382 Jun 01 j 14:54	0°♈	
max. Earth dist.	-8382 Jun 24 j 10:02	28°♈36'27	1.71297 AU
	-8382 Jun 25 j 12:35	0°♉	
superior conj	-8382 Jun 27 j 14:58	2°♉38'35	0°59'09
minimum elong	-8382 Jun 27 j 05:34	2°♉09'02	0°59'03
	-8382 Jul 19 j 07:38	0°♊	
evening rise	-8382 Aug 05 j 14:29	21°♊48'08	
	-8382 Aug 12 j 02:42	0°♋	
	-8382 Sep 05 j 00:15	0°♌	
desc. node	-8382 Sep 20 j 01:29	18°♌47'12	
	-8382 Sep 29 j 02:01	0°♍	
	-8382 Oct 23 j 09:15	0°♎	
	-8382 Nov 16 j 23:59	0°♏	
	-8382 Dec 12 j 03:20	0°♐	
	-8381 Jan 07 j 07:27	0°♑	
asc. node	-8381 Jan 10 j 04:00	3°♑09'35	
	-8381 Feb 04 j 21:01	0°♒	
evening max el	-8381 Feb 07 j 20:18	2°♒51'15	44°56'29
greatest brilliancy	-8381 Mar 17 j 13:49	29°♒49'22	-4.7m
	-8381 Mar 18 j 02:19	0°♓	
retrograde	-8381 Mar 27 j 19:39	1°♓41'11	
	-8381 Apr 06 j 04:10	30°℞♒	
evening set	-8381 Apr 12 j 07:11	27°♒13'06	
inferior conj	-8381 Apr 18 j 03:21	23°♒48'17	3°19'46
minimum elong	-8381 Apr 18 j 10:05	23°♒38'01	3°17'37
min. Earth dist.	-8381 Apr 19 j 06:57	23°♒06'09	0.28434 AU
morning rise	-8381 Apr 24 j 11:52	20°♒03'38	
desc. node	-8381 May 02 j 22:43	16°♒31'23	
direct	-8381 May 09 j 19:48	15°♒35'38	
greatest brilliancy	-8381 May 21 j 10:13	17°♒59'16	-4.8m
	-8381 Jun 09 j 20:24	0°♓	
morning max el	-8381 Jun 28 j 19:14	17°♓08'36	46°31'43
	-8381 Jul 11 j 05:19	0°♈	
	-8381 Aug 06 j 19:57	0°♉	
asc. node	-8381 Aug 23 j 02:32	19°♉22'10	
	-8381 Aug 31 j 20:51	0°♊	
	-8381 Sep 25 j 05:59	0°♋	
	-8381 Oct 19 j 10:27	0°♌	
	-8381 Nov 12 j 16:13	0°♍	
	-8381 Dec 07 j 01:20	0°♎	
desc. node	-8381 Dec 13 j 14:54	8°♎03'11	
	-8381 Dec 31 j 12:58	0°♏	
morning set	-8380 Jan 04 j 03:54	4°♏26'05	
	-8380 Jan 25 j 01:07	0°♐	
max. Earth dist.	-8380 Feb 09 j 07:16	18°♐42'01	1.73777 AU
superior conj	-8380 Feb 10 j 20:10	20°♐35'09	-1°21'16
minimum elong	-8380 Feb 10 j 21:27	20°♐39'04	1°21'48
	-8380 Feb 18 j 12:20	0°♑	
	-8380 Mar 13 j 22:18	0°♒	
evening rise	-8380 Mar 17 j 14:13	4°♒30'16	
asc. node	-8380 Apr 03 j 13:19	25°♒22'14	
	-8380 Apr 07 j 07:38	0°♓	
	-8380 May 01 j 17:11	0°♈	
	-8380 May 26 j 03:56	0°♉	
	-8380 Jun 19 j 17:34	0°♊	
	-8380 Jul 14 j 13:27	0°♋	
desc. node	-8380 Jul 25 j 04:02	12°♋38'52	
	-8380 Aug 08 j 22:21	0°♌	
	-8380 Sep 04 j 12:21	0°♍	
evening max el	-8380 Sep 16 j 00:50	12°♍09'17	47°27'08
	-8380 Oct 04 j 22:02	0°♎	
greatest brilliancy	-8380 Oct 26 j 12:04	14°♎03'45	-4.9m
retrograde	-8380 Nov 06 j 04:51	16°♎16'49	
asc. node	-8380 Nov 14 j 09:16	14°♎51'34	
evening set	-8380 Nov 21 j 03:08	11°♎43'10	
min. Earth dist.	-8380 Nov 26 j 08:55	8°♎30'10	0.28088 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

inferior conj	-8380 Nov 27 j 06:01	7°♎56'19	3°00'56
minimum elong	-8380 Nov 27 j 00:06	8°♎05'49	2°59'18
morning rise	-8380 Dec 02 j 21:55	4°♎26'38	
	-8380 Dec 15 j 00:55	30℞♍	
direct	-8380 Dec 18 j 03:00	29°♍48'22	
	-8380 Dec 21 j 06:31	0°♎	
greatest brilliancy	-8380 Dec 27 j 00:55	1°♎17'16	-4.8m
morning max el	-8379 Feb 04 j 22:09	29°♎45'54	45°56'56
	-8379 Feb 05 j 04:05	0°♏	
	-8379 Mar 06 j 09:42	0°♐	
desc. node	-8379 Mar 07 j 03:00	0°♐46'51	
	-8379 Apr 02 j 06:21	0°♑	
	-8379 Apr 27 j 22:41	0°♒	
	-8379 May 22 j 20:27	0°♓	
	-8379 Jun 16 j 05:00	0°♈	
asc. node	-8379 Jun 27 j 02:57	13°♈36'42	
	-8379 Jul 10 j 04:24	0°♉	
greatest brilliancy	-8379 Jul 18 j 17:14	10°♉45'31	-3.9m
morning set	-8379 Aug 01 j 02:06	27°♉39'23	
	-8379 Aug 02 j 22:33	0°♊	
	-8379 Aug 26 j 15:22	0°♋	
superior conj	-8379 Sep 10 j 23:27	19°♋21'52	1°10'34
minimum elong	-8379 Sep 11 j 10:07	19°♋55'31	1°10'49
max. Earth dist.	-8379 Sep 16 j 12:43	26°♋21'35	1.70983 AU
	-8379 Sep 19 j 10:09	0°♌	
	-8379 Oct 13 j 08:52	0°♍	
desc. node	-8379 Oct 17 j 14:17	5°♍16'15	
evening rise	-8379 Oct 24 j 05:30	13°♍31'47	
	-8379 Nov 06 j 12:00	0°♎	
	-8379 Nov 30 j 19:20	0°♏	
	-8379 Dec 25 j 07:25	0°♐	
	-8378 Jan 19 j 02:46	0°♑	
asc. node	-8378 Feb 06 j 15:13	22°♑01'16	
	-8378 Feb 13 j 10:21	0°♒	
	-8378 Mar 11 j 14:34	0°♓	
	-8378 Apr 08 j 09:47	0°♈	
evening max el	-8378 Apr 21 j 02:19	12°♈37'32	45°49'02
	-8378 May 11 j 02:39	0°♉	
desc. node	-8378 May 30 j 09:06	11°♉05'56	
greatest brilliancy	-8378 May 30 j 15:02	11°♉11'01	-4.8m
retrograde	-8378 Jun 09 j 11:15	12°♉55'33	
evening set	-8378 Jun 25 j 01:03	8°♉20'19	
inferior conj	-8378 Jun 30 j 06:37	5°♉18'55	-6°41'54
minimum elong	-8378 Jun 29 j 20:06	5°♉34'34	6°39'30
min. Earth dist.	-8378 Jun 30 j 05:13	5°♉21'00	0.26854 AU
morning rise	-8378 Jul 04 j 15:00	2°♉46'42	
	-8378 Jul 10 j 05:39	30℞♈	
direct	-8378 Jul 21 j 00:09	27°♈41'13	
greatest brilliancy	-8378 Jul 31 j 18:29	29°♈51'35	-4.9m
	-8378 Aug 01 j 03:05	0°♉	
	-8378 Sep 08 j 16:10	0°♊	
morning max el	-8378 Sep 09 j 17:44	1°♊05'11	46°46'15
asc. node	-8378 Sep 19 j 14:07	11°♊28'07	
	-8378 Oct 06 j 04:34	0°♋	
	-8378 Oct 31 j 20:13	0°♌	
	-8378 Nov 25 j 22:40	0°♍	
	-8378 Dec 20 j 21:59	0°♎	
desc. node	-8377 Jan 10 j 04:19	24°♎23'00	
	-8377 Jan 14 j 20:14	0°♏	
	-8377 Feb 08 j 16:15	0°♐	
	-8377 Mar 05 j 08:20	0°♑	
morning set	-8377 Mar 13 j 19:36	10°♑21'09	
	-8377 Mar 29 j 19:45	0°♒	
max. Earth dist.	-8377 Apr 14 j 01:20	18°♒47'11	1.73089 AU
superior conj	-8377 Apr 18 j 02:45	23°♒48'25	-0°31'40
minimum elong	-8377 Apr 18 j 08:25	24°♒05'55	0°31'47
	-8377 Apr 23 j 02:47	0°♓	
asc. node	-8377 May 02 j 02:21	11°♓08'36	
	-8377 May 17 j 06:16	0°♈	
evening rise	-8377 May 23 j 18:29	8°♈06'42	
	-8377 Jun 10 j 07:26	0°♉	
	-8377 Jul 04 j 08:00	0°♊	
	-8377 Jul 28 j 10:08	0°♋	
	-8377 Aug 21 j 16:23	0°♌	
desc. node	-8377 Aug 22 j 15:28	1°♌10'59	
	-8377 Sep 15 j 05:46	0°♍	
	-8377 Oct 10 j 07:32	0°♎	
	-8377 Nov 05 j 10:41	0°♏	
evening max el	-8377 Nov 26 j 16:13	22°♏28'52	45°51'00
	-8377 Dec 04 j 11:22	0°♐	
asc. node	-8377 Dec 12 j 19:45	7°♐22'59	
greatest brilliancy	-8376 Jan 03 j 19:44	21°♐31'10	-4.7m
retrograde	-8376 Jan 14 j 22:17	23°♐46'40	
evening set	-8376 Feb 01 j 12:21	17°♐49'35	
inferior conj	-8376 Feb 05 j 08:53	15°♐23'46	8°05'09
minimum elong	-8376 Feb 05 j 08:04	15°♐25'04	8°04'38
min. Earth dist.	-8376 Feb 05 j 12:46	15°♐17'32	0.29595 AU
morning rise	-8376 Feb 09 j 03:52	13°♐00'18	
direct	-8376 Feb 27 j 06:19	6°♐51'56	
greatest brilliancy	-8376 Mar 08 j 00:22	8°♐34'50	-4.7m
desc. node	-8376 Apr 03 j 14:10	25°♐18'45	
	-8376 Apr 08 j 23:36	0°♑	
morning max el	-8376 Apr 16 j 06:17	6°♑45'04	46°01'15
	-8376 May 08 j 23:01	0°♒	
	-8376 Jun 04 j 14:54	0°♓	
	-8376 Jun 29 j 20:26	0°♈	
	-8376 Jul 24 j 06:40	0°♉	
asc. node	-8376 Jul 24 j 16:11	0°♉29'35	
	-8376 Aug 17 j 06:11	0°♊	
	-8376 Sep 10 j 01:28	0°♋	
	-8376 Oct 03 j 21:28	0°♌	
morning set	-8376 Oct 17 j 09:56	16°♌56'31	
	-8376 Oct 27 j 21:03	0°♍	
desc. node	-8376 Nov 14 j 03:33	21°♍28'01	
	-8376 Nov 21 j 00:54	0°♎	
superior conj	-8376 Nov 28 j 10:15	9°♎08'12	-0°31'37
minimum elong	-8376 Nov 28 j 02:51	8°♎45'20	0°31'19
max. Earth dist.	-8376 Dec 02 j 10:30	14°♎05'22	1.72765 AU
	-8376 Dec 15 j 08:06	0°♏	
evening rise	-8375 Jan 06 j 18:39	27°♏36'05	
	-8375 Jan 08 j 17:31	0°♐	
	-8375 Feb 02 j 04:57	0°♑	
	-8375 Feb 26 j 19:31	0°♒	
asc. node	-8375 Mar 06 j 02:59	8°♒52'11	
	-8375 Mar 23 j 15:07	0°♓	
	-8375 Apr 17 j 18:00	0°♈	
	-8375 May 13 j 07:48	0°♉	
	-8375 Jun 08 j 17:46	0°♊	
desc. node	-8375 Jun 26 j 19:34	19°♊26'42	
evening max el	-8375 Jul 03 j 22:27	26°♊42'14	47°28'02
	-8375 Jul 07 j 06:32	0°♋	
greatest brilliancy	-8375 Aug 14 j 11:14	28°♋03'31	-4.9m
retrograde	-8375 Aug 23 j 15:49	29°♋40'13	
evening set	-8375 Sep 09 j 11:01	24°♋10'04	
inferior conj	-8375 Sep 13 j 07:54	21°♋48'27	-7°18'00
minimum elong	-8375 Sep 13 j 17:55	21°♋32'58	7°15'35
min. Earth dist.	-8375 Sep 13 j 01:27	21°♋58'28	0.26633 AU
morning rise	-8375 Sep 18 j 00:59	18°♋58'27	
direct	-8375 Oct 03 j 12:39	14°♋11'39	
greatest brilliancy	-8375 Oct 13 j 09:51	16°♋03'58	-4.9m
asc. node	-8375 Oct 17 j 00:57	17°♋35'10	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8375 Nov 04 j 10:39	0°♌		
morning max el	-8375 Nov 22 j 12:49	16°♌43'09	46°23'17	
	-8375 Dec 05 j 09:50	0°♍		
	-8374 Jan 01 j 17:00	0°♎		
	-8374 Jan 27 j 22:14	0°♏		
desc. node	-8374 Feb 06 j 17:07	11°♏22'42		
	-8374 Feb 22 j 13:46	0°♐		
	-8374 Mar 19 j 18:23	0°♑		
	-8374 Apr 13 j 13:04	0°♒		
	-8374 May 07 j 22:59	0°♓		
morning set	-8374 May 19 j 07:42	14°♓05'39		
asc. node	-8374 May 29 j 15:41	26°♓58'27		
	-8374 Jun 01 j 01:48	0°♈		
max. Earth dist.	-8374 Jun 21 j 23:05	26°♈11'58	1.71351 AU	
	-8374 Jun 24 j 23:33	0°♉		
superior conj	-8374 Jun 25 j 06:15	0°♉21'03	0°56'41	
minimum elong	-8374 Jun 24 j 20:57	29°♈51'48	0°56'34	
	-8374 Jul 18 j 18:42	0°♊		
evening rise	-8374 Aug 03 j 01:41	19°♊17'09		
	-8374 Aug 11 j 13:52	0°♋		
	-8374 Sep 04 j 11:33	0°♌		
desc. node	-8374 Sep 19 j 03:34	18°♌18'10		
	-8374 Sep 28 j 13:29	0°♍		
	-8374 Oct 22 j 21:00	0°♎		
	-8374 Nov 16 j 12:14	0°♏		
	-8374 Dec 11 j 16:32	0°♐		
	-8373 Jan 06 j 22:49	0°♑		
asc. node	-8373 Jan 09 j 06:20	2°♑32'48		
	-8373 Feb 04 j 18:52	0°♒		
evening max el	-8373 Feb 05 j 11:03	0°♒38'33	44°56'37	
greatest brilliancy	-8373 Mar 15 j 03:43	27°♒37'23	-4.7m	
retrograde	-8373 Mar 25 j 11:05	29°♒30'34		
evening set	-8373 Apr 10 j 00:28	24°♒58'38		
inferior conj	-8373 Apr 15 j 18:37	21°♒36'21	3°37'38	
minimum elong	-8373 Apr 16 j 01:49	21°♒25'22	3°35'23	
min. Earth dist.	-8373 Apr 16 j 22:30	20°♒53'49	0.28504 AU	
morning rise	-8373 Apr 22 j 02:07	17°♒53'05		
desc. node	-8373 May 02 j 00:54	13°♒57'23		
direct	-8373 May 07 j 11:40	13°♒22'15		
greatest brilliancy	-8373 May 19 j 02:00	15°♒46'03	-4.8m	
	-8373 Jun 10 j 06:15	0°♓		
morning max el	-8373 Jun 26 j 11:22	14°♓53'54	46°30'46	
	-8373 Jul 10 j 23:50	0°♈		
	-8373 Aug 06 j 10:47	0°♉		
asc. node	-8373 Aug 22 j 04:36	18°♉47'07		
	-8373 Aug 31 j 10:06	0°♊		
	-8373 Sep 24 j 18:24	0°♋		
	-8373 Oct 18 j 22:20	0°♌		
	-8373 Nov 12 j 03:44	0°♍		
	-8373 Dec 06 j 12:35	0°♎		
desc. node	-8373 Dec 12 j 17:08	7°♎35'47		
	-8373 Dec 31 j 00:00	0°♏		
morning set	-8372 Jan 01 j 18:36	2°♏10'23		
	-8372 Jan 24 j 12:01	0°♐		
max. Earth dist.	-8372 Feb 07 j 04:23	16°♐46'18	1.73776 AU	
superior conj	-8372 Feb 08 j 14:23	18°♐30'32	-1°21'27	
minimum elong	-8372 Feb 08 j 15:02	18°♐32'33	1°21'59	
	-8372 Feb 17 j 23:10	0°♑		
	-8372 Mar 13 j 09:11	0°♒		
evening rise	-8372 Mar 15 j 09:42	2°♒29'05		
asc. node	-8372 Apr 02 j 15:25	24°♒54'44		
	-8372 Apr 06 j 18:43	0°♓		
	-8372 May 01 j 04:37	0°♈		
	-8372 May 25 j 15:51	0°♉		
	-8372 Jun 19 j 06:10	0°♊		
	-8372 Jul 14 j 03:03	0°♋		
desc. node	-8372 Jul 24 j 06:11	12°♋03'12		
	-8372 Aug 08 j 13:40	0°♌		
	-8372 Sep 04 j 07:25	0°♍		
evening max el	-8372 Sep 13 j 17:12	9°♍52'30	47°29'42	
	-8372 Oct 05 j 08:36	0°♎		
greatest brilliancy	-8372 Oct 24 j 04:52	11°♎47'22	-4.9m	
retrograde	-8372 Nov 03 j 21:50	14°♎00'25		
asc. node	-8372 Nov 13 j 11:33	12°♎03'33		
evening set	-8372 Nov 18 j 18:25	9°♎27'57		
min. Earth dist.	-8372 Nov 24 j 00:29	6°♎14'41	0.28015 AU	
inferior conj	-8372 Nov 24 j 21:55	5°♎40'22	2°42'01	
minimum elong	-8372 Nov 24 j 16:32	5°♎48'59	2°40'30	
morning rise	-8372 Nov 30 j 15:36	2°♎08'42		
	-8372 Dec 04 j 20:58	30°℞♍		
direct	-8372 Dec 15 j 18:19	27°♍33'37		
greatest brilliancy	-8372 Dec 24 j 15:47	29°♍02'40	-4.8m	
	-8372 Dec 27 j 07:31	0°♎		
morning max el	-8371 Feb 02 j 14:41	27°♎37'00	45°57'16	
	-8371 Feb 05 j 02:19	0°♏		
desc. node	-8371 Mar 06 j 05:06	0°♐09'58		
	-8371 Mar 06 j 01:27	0°♐		
	-8371 Apr 01 j 19:45	0°♑		
	-8371 Apr 27 j 10:58	0°♒		
	-8371 May 22 j 08:11	0°♓		
	-8371 Jun 15 j 16:25	0°♈		
asc. node	-8371 Jun 26 j 05:12	13°♈08'19		
	-8371 Jul 09 j 15:40	0°♉		
greatest brilliancy	-8371 Jul 17 j 22:38	10°♉27'01	-3.9m	
morning set	-8371 Jul 29 j 14:01	25°♉09'44		
	-8371 Aug 02 j 09:47	0°♊		
	-8371 Aug 26 j 02:37	0°♋		
superior conj	-8371 Sep 08 j 08:14	16°♋42'41	1°12'36	
minimum elong	-8371 Sep 08 j 18:20	17°♋14'31	1°12'55	
max. Earth dist.	-8371 Sep 13 j 18:54	23°♋34'24	1.70943 AU	
	-8371 Sep 18 j 21:27	0°♌		
	-8371 Oct 12 j 20:11	0°♍		
desc. node	-8371 Oct 16 j 16:24	4°♍47'37		
evening rise	-8371 Oct 21 j 14:08	10°♍54'14		
	-8371 Nov 05 j 23:18	0°♎		
	-8371 Nov 30 j 06:41	0°♏		
	-8371 Dec 24 j 18:58	0°♐		
	-8370 Jan 18 j 14:49	0°♑		
asc. node	-8370 Feb 05 j 17:22	21°♑30'10		
	-8370 Feb 12 j 23:25	0°♒		
	-8370 Mar 11 j 05:42	0°♓		
	-8370 Apr 08 j 05:50	0°♈		
evening max el	-8370 Apr 18 j 16:41	10°♈19'28	45°45'39	
	-8370 May 11 j 22:01	0°♉		
greatest brilliancy	-8370 May 28 j 02:25	8°♉44'49	-4.8m	
desc. node	-8370 May 29 j 11:28	9°♉11'05		
retrograde	-8370 Jun 06 j 23:03	10°♉29'10		
evening set	-8370 Jun 22 j 09:40	5°♉59'22		
inferior conj	-8370 Jun 27 j 18:50	2°♉52'53	-6°25'39	
minimum elong	-8370 Jun 27 j 08:16	3°♉08'38	6°23'11	
min. Earth dist.	-8370 Jun 27 j 18:13	2°♉53'48	0.26881 AU	
morning rise	-8370 Jul 02 j 06:40	0°♉15'35		
	-8370 Jul 02 j 17:56	30°℞♈		
direct	-8370 Jul 18 j 13:22	25°♈14'44		
greatest brilliancy	-8370 Jul 29 j 08:04	27°♈24'59	-4.9m	
	-8370 Aug 03 j 21:14	0°♉		
morning max el	-8370 Sep 07 j 06:03	28°♉35'02	46°46'19	
	-8370 Sep 08 j 15:07	0°♊		
asc. node	-8370 Sep 18 j 16:20	10°♊40'40		
	-8370 Oct 05 j 21:14	0°♋		
	-8370 Oct 31 j 10:31	0°♌		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8370 Nov 25 j 11:43	0°♍	
	-8370 Dec 20 j 10:13	0°♎	
desc. node	-8369 Jan 09 j 06:24	23°♎53'51	
	-8369 Jan 14 j 07:54	0°♏	
	-8369 Feb 08 j 03:32	0°♐	
	-8369 Mar 04 j 19:23	0°♑	
morning set	-8369 Mar 11 j 14:53	8°♑19'39	
	-8369 Mar 29 j 06:44	0°♒	
max. Earth dist.	-8369 Apr 11 j 20:07	16°♒43'05	1.73140 AU
superior conj	-8369 Apr 15 j 22:13	21°♒46'14	-0°34'22
minimum elong	-8369 Apr 16 j 04:15	22°♒04'52	0°34'30
	-8369 Apr 22 j 13:47	0°♓	
asc. node	-8369 May 01 j 04:34	10°♓41'13	
	-8369 May 16 j 17:24	0°♈	
evening rise	-8369 May 21 j 12:47	5°♈59'14	
	-8369 Jun 09 j 18:48	0°♉	
	-8369 Jul 03 j 19:38	0°♊	
	-8369 Jul 27 j 22:08	0°♋	
	-8369 Aug 21 j 04:49	0°♌	
desc. node	-8369 Aug 21 j 17:33	0°♌39'09	
	-8369 Sep 14 j 18:51	0°♍	
	-8369 Oct 09 j 21:46	0°♎	
	-8369 Nov 05 j 03:30	0°♏	
evening max el	-8369 Nov 24 j 07:26	20°♏13'21	45°54'15
	-8369 Dec 04 j 13:04	0°♐	
asc. node	-8369 Dec 11 j 22:07	6°♐22'31	
greatest brilliancy	-8368 Jan 01 j 13:49	19°♐25'02	-4.7m
retrograde	-8368 Jan 12 j 15:28	21°♐40'17	
evening set	-8368 Jan 30 j 05:04	15°♐44'20	
inferior conj	-8368 Feb 03 j 02:28	13°♐17'02	8°04'15
minimum elong	-8368 Feb 03 j 01:00	13°♐19'23	8°03'44
min. Earth dist.	-8368 Feb 03 j 05:16	13°♐12'32	0.29581 AU
morning rise	-8368 Feb 06 j 20:59	10°♐53'58	
direct	-8368 Feb 24 j 23:00	4°♐45'27	
greatest brilliancy	-8368 Mar 05 j 16:02	6°♐27'02	-4.7m
desc. node	-8368 Apr 02 j 16:22	24°♐22'09	
	-8368 Apr 09 j 00:47	0°♑	
morning max el	-8368 Apr 13 j 21:31	4°♑33'16	46°00'31
	-8368 May 08 j 15:36	0°♒	
	-8368 Jun 04 j 04:52	0°♓	
	-8368 Jun 29 j 09:14	0°♈	
asc. node	-8368 Jul 23 j 18:14	29°♈58'01	
	-8368 Jul 23 j 18:52	0°♉	
	-8368 Aug 16 j 18:04	0°♊	
	-8368 Sep 09 j 13:10	0°♋	
	-8368 Oct 03 j 09:00	0°♌	
morning set	-8368 Oct 14 j 19:36	14°♌20'45	
	-8368 Oct 27 j 08:27	0°♍	
desc. node	-8368 Nov 13 j 05:45	20°♍59'39	
	-8368 Nov 20 j 12:12	0°♎	
superior conj	-8368 Nov 25 j 21:50	6°♎40'47	-0°28'14
minimum elong	-8368 Nov 25 j 15:04	6°♎19'53	0°27'56
max. Earth dist.	-8368 Nov 30 j 03:10	11°♎53'49	1.72703 AU
	-8368 Dec 14 j 19:21	0°♏	
evening rise	-8367 Jan 04 j 10:32	25°♏22'57	
	-8367 Jan 08 j 04:45	0°♐	
	-8367 Feb 01 j 16:16	0°♑	
	-8367 Feb 26 j 07:06	0°♒	
asc. node	-8367 Mar 05 j 05:11	8°♒23'22	
	-8367 Mar 23 j 03:14	0°♓	
	-8367 Apr 17 j 07:04	0°♈	
	-8367 May 12 j 22:29	0°♉	
	-8367 Jun 08 j 11:32	0°♊	
desc. node	-8367 Jun 25 j 21:41	18°♊35'54	
evening max el	-8367 Jul 01 j 10:33	24°♊12'36	47°25'22
	-8367 Jul 07 j 08:45	0°♋	
greatest brilliancy	-8367 Aug 12 j 00:57	25°♋33'36	-4.9m
retrograde	-8367 Aug 21 j 03:58	27°♋09'13	
evening set	-8367 Sep 07 j 02:46	21°♋34'49	
inferior conj	-8367 Sep 10 j 20:26	19°♋18'25	-7°31'36
minimum elong	-8367 Sep 11 j 06:09	19°♋03'25	7°29'23
min. Earth dist.	-8367 Sep 10 j 14:36	19°♋27'25	0.26620 AU
morning rise	-8367 Sep 15 j 09:38	16°♋34'11	
direct	-8367 Oct 01 j 00:26	11°♋41'54	
greatest brilliancy	-8367 Oct 10 j 23:38	13°♋35'49	-4.9m
asc. node	-8367 Oct 16 j 03:14	15°♋52'24	
	-8367 Nov 04 j 21:03	0°♌	
morning max el	-8367 Nov 20 j 02:07	14°♌17'50	46°24'32
	-8367 Dec 05 j 05:04	0°♍	
	-8366 Jan 01 j 08:13	0°♎	
	-8366 Jan 27 j 11:38	0°♏	
desc. node	-8366 Feb 05 j 19:08	10°♏50'53	
	-8366 Feb 22 j 02:08	0°♐	
	-8366 Mar 19 j 06:07	0°♑	
	-8366 Apr 13 j 00:26	0°♒	
	-8366 May 07 j 10:10	0°♓	
morning set	-8366 May 17 j 01:57	11°♓58'27	
asc. node	-8366 May 28 j 17:57	26°♓30'41	
	-8366 May 31 j 12:57	0°♈	
max. Earth dist.	-8366 Jun 19 j 13:48	23°♈52'03	1.71411 AU
superior conj	-8366 Jun 22 j 21:51	28°♈03'46	0°54'09
minimum elong	-8366 Jun 22 j 12:44	27°♈35'04	0°54'02
	-8366 Jun 24 j 10:48	0°♉	
	-8366 Jul 18 j 06:04	0°♊	
evening rise	-8366 Jul 31 j 13:05	16°♊45'42	
	-8366 Aug 11 j 01:25	0°♋	
	-8366 Sep 03 j 23:15	0°♌	
desc. node	-8366 Sep 18 j 05:44	17°♌48'05	
	-8366 Sep 28 j 01:23	0°♍	
	-8366 Oct 22 j 09:10	0°♎	
	-8366 Nov 16 j 00:52	0°♏	
	-8366 Dec 11 j 06:09	0°♐	
	-8365 Jan 06 j 14:44	0°♑	
asc. node	-8365 Jan 08 j 08:27	1°♑54'17	
evening max el	-8365 Feb 03 j 02:50	28°♑27'43	44°56'56
	-8365 Feb 04 j 17:54	0°♒	
greatest brilliancy	-8365 Mar 12 j 17:48	25°♒25'36	-4.7m
retrograde	-8365 Mar 23 j 02:55	27°♒20'03	
evening set	-8365 Apr 07 j 18:10	22°♒44'26	
inferior conj	-8365 Apr 13 j 10:10	19°♒24'36	3°54'55
minimum elong	-8365 Apr 13 j 17:46	19°♒12'59	3°52'37
min. Earth dist.	-8365 Apr 14 j 13:58	18°♒42'09	0.28570 AU
morning rise	-8365 Apr 19 j 16:28	15°♒42'54	
desc. node	-8365 May 01 j 03:10	11°♒28'42	
direct	-8365 May 05 j 04:15	11°♒09'20	
greatest brilliancy	-8365 May 16 j 17:17	13°♒32'21	-4.8m
	-8365 Jun 10 j 13:35	0°♓	
morning max el	-8365 Jun 24 j 04:00	12°♓40'23	46°29'42
	-8365 Jul 10 j 18:03	0°♈	
	-8365 Aug 06 j 01:38	0°♉	
asc. node	-8365 Aug 21 j 06:51	18°♉12'06	
	-8365 Aug 30 j 23:31	0°♊	
	-8365 Sep 24 j 07:03	0°♋	
	-8365 Oct 18 j 10:31	0°♌	
	-8365 Nov 11 j 15:35	0°♍	
	-8365 Dec 06 j 00:09	0°♎	
desc. node	-8365 Dec 11 j 19:13	7°♎06'53	
morning set	-8365 Dec 30 j 08:55	29°♎52'39	
	-8365 Dec 30 j 11:19	0°♏	
	-8364 Jan 23 j 23:09	0°♐	
max. Earth dist.	-8364 Feb 05 j 03:20	14°♐55'28	1.73770 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

superior conj	-8364 Feb 06 j 08:22	16°♐24'31	-1°21'32
minimum elong	-8364 Feb 06 j 08:23	16°♐24'34	1°22'03
	-8364 Feb 17 j 10:13	0°♑	
	-8364 Mar 12 j 20:18	0°♒	
evening rise	-8364 Mar 13 j 05:14	0°♒27'29	
asc. node	-8364 Apr 01 j 17:41	24°♒27'02	
	-8364 Apr 06 j 06:01	0°♓	
	-8364 Apr 30 j 16:15	0°♈	
	-8364 May 25 j 03:58	0°♉	
	-8364 Jun 18 j 18:57	0°♊	
	-8364 Jul 13 j 16:53	0°♋	
desc. node	-8364 Jul 23 j 08:18	11°♋26'50	
	-8364 Aug 08 j 05:19	0°♌	
	-8364 Sep 04 j 03:14	0°♍	
evening max el	-8364 Sep 11 j 10:08	7°♍36'21	47°31'47
	-8364 Oct 05 j 23:21	0°♎	
greatest brilliancy	-8364 Oct 21 j 21:36	9°♎29'19	-4.9m
retrograde	-8364 Nov 01 j 14:26	11°♎41'44	
asc. node	-8364 Nov 12 j 13:52	9°♎08'37	
evening set	-8364 Nov 16 j 09:36	7°♎10'38	
min. Earth dist.	-8364 Nov 21 j 15:53	3°♎56'59	0.27943 AU
inferior conj	-8364 Nov 22 j 13:30	3°♎22'23	2°22'31
minimum elong	-8364 Nov 22 j 08:42	3°♎30'03	2°21'09
morning rise	-8364 Nov 28 j 08:52	29°♍48'45	
	-8364 Nov 28 j 00:56	30°℞♍	
direct	-8364 Dec 13 j 09:36	25°♍17'03	
greatest brilliancy	-8364 Dec 22 j 06:17	26°♍45'53	-4.8m
	-8364 Dec 29 j 19:37	0°♎	
morning max el	-8363 Jan 31 j 06:39	25°♎25'48	45°57'44
	-8363 Feb 05 j 00:04	0°♏	
desc. node	-8363 Mar 05 j 07:22	29°♏33'18	
	-8363 Mar 05 j 17:09	0°♐	
	-8363 Apr 01 j 09:11	0°♑	
	-8363 Apr 26 j 23:19	0°♒	
	-8363 May 21 j 19:58	0°♓	
	-8363 Jun 15 j 03:55	0°♈	
asc. node	-8363 Jun 25 j 07:14	12°♈38'59	
	-8363 Jul 09 j 03:01	0°♉	
greatest brilliancy	-8363 Jul 17 j 03:56	10°♉08'02	-3.9m
morning set	-8363 Jul 27 j 02:30	22°♉41'45	
	-8363 Aug 01 j 21:04	0°♊	
	-8363 Aug 25 j 13:55	0°♋	
superior conj	-8363 Sep 05 j 17:37	14°♋05'18	1°14'27
minimum elong	-8363 Sep 06 j 03:03	14°♋35'04	1°14'48
max. Earth dist.	-8363 Sep 11 j 01:30	20°♋48'23	1.70906 AU
	-8363 Sep 18 j 08:46	0°♌	
	-8363 Oct 12 j 07:32	0°♍	
desc. node	-8363 Oct 15 j 18:37	4°♍19'06	
evening rise	-8363 Oct 18 j 22:43	8°♍16'09	
	-8363 Nov 05 j 10:42	0°♎	
	-8363 Nov 29 j 18:10	0°♏	
	-8363 Dec 24 j 06:40	0°♐	
	-8362 Jan 18 j 03:01	0°♑	
asc. node	-8362 Feb 04 j 19:34	20°♑58'54	
	-8362 Feb 12 j 12:39	0°♒	
	-8362 Mar 10 j 21:04	0°♓	
	-8362 Apr 08 j 02:31	0°♈	
evening max el	-8362 Apr 16 j 06:21	7°♈59'56	45°42'24
	-8362 May 12 j 23:56	0°♉	
greatest brilliancy	-8362 May 25 j 14:26	6°♉19'51	-4.8m
desc. node	-8362 May 28 j 13:37	7°♉11'55	
retrograde	-8362 Jun 04 j 10:30	8°♉03'42	
evening set	-8362 Jun 19 j 18:39	3°♉38'49	
inferior conj	-8362 Jun 25 j 07:14	0°♉27'45	-6°08'51
minimum elong	-8362 Jun 24 j 20:42	0°♉43'28	6°06'17
min. Earth dist.	-8362 Jun 25 j 07:48	0°♉26'53	0.26910 AU
	-8362 Jun 26 j 01:48	30°℞♈	
morning rise	-8362 Jun 29 j 22:27	27°♈45'25	
direct	-8362 Jul 16 j 02:12	22°♈48'52	
greatest brilliancy	-8362 Jul 26 j 22:28	24°♈59'52	-4.9m
	-8362 Aug 05 j 14:00	0°♉	
morning max el	-8362 Sep 04 j 17:53	26°♉03'53	46°46'32
	-8362 Sep 08 j 13:04	0°♊	
asc. node	-8362 Sep 17 j 18:36	9°♊54'20	
	-8362 Oct 05 j 13:30	0°♋	
	-8362 Oct 31 j 00:35	0°♌	
	-8362 Nov 25 j 00:35	0°♍	
	-8362 Dec 19 j 22:21	0°♎	
desc. node	-8361 Jan 08 j 08:27	23°♎24'40	
	-8361 Jan 13 j 19:32	0°♏	
	-8361 Feb 07 j 14:47	0°♐	
	-8361 Mar 04 j 06:25	0°♑	
morning set	-8361 Mar 09 j 09:51	6°♑17'16	
	-8361 Mar 28 j 17:38	0°♒	
max. Earth dist.	-8361 Apr 09 j 15:30	14°♒41'07	1.73188 AU
superior conj	-8361 Apr 13 j 17:34	19°♒44'01	-0°37'02
minimum elong	-8361 Apr 13 j 23:57	20°♒03'44	0°37'10
	-8361 Apr 22 j 00:42	0°♓	
asc. node	-8361 Apr 30 j 06:43	10°♓13'54	
	-8361 May 16 j 04:26	0°♈	
evening rise	-8361 May 19 j 07:10	3°♈52'33	
	-8361 Jun 09 j 06:03	0°♉	
	-8361 Jul 03 j 07:12	0°♊	
	-8361 Jul 27 j 10:03	0°♋	
desc. node	-8361 Aug 20 j 19:48	0°♌08'07	
	-8361 Aug 20 j 17:10	0°♌	
	-8361 Sep 14 j 07:50	0°♍	
	-8361 Oct 09 j 11:56	0°♎	
	-8361 Nov 04 j 20:24	0°♏	
evening max el	-8361 Nov 21 j 22:08	17°♏57'01	45°57'29
	-8361 Dec 04 j 15:59	0°♐	
asc. node	-8361 Dec 11 j 00:11	5°♐20'33	
greatest brilliancy	-8361 Dec 30 j 07:19	17°♐18'24	-4.7m
retrograde	-8360 Jan 10 j 08:43	19°♐34'13	
evening set	-8360 Jan 27 j 21:29	13°♐39'27	
inferior conj	-8360 Jan 31 j 20:00	11°♐10'28	8°02'45
minimum elong	-8360 Jan 31 j 17:53	11°♐13'53	8°02'11
min. Earth dist.	-8360 Jan 31 j 21:48	11°♐07'35	0.29568 AU
morning rise	-8360 Feb 04 j 14:19	8°♐47'34	
direct	-8360 Feb 22 j 15:25	2°♐38'57	
greatest brilliancy	-8360 Mar 03 j 08:11	4°♐20'00	-4.7m
desc. node	-8360 Apr 01 j 18:36	23°♐27'07	
	-8360 Apr 09 j 00:40	0°♑	
morning max el	-8360 Apr 11 j 13:15	2°♑23'04	45°59'55
	-8360 May 08 j 07:45	0°♒	
	-8360 Jun 03 j 18:29	0°♓	
	-8360 Jun 28 j 21:42	0°♈	
asc. node	-8360 Jul 22 j 20:25	29°♈27'48	
	-8360 Jul 23 j 06:46	0°♉	
	-8360 Aug 16 j 05:41	0°♊	
	-8360 Sep 09 j 00:37	0°♋	
	-8360 Oct 02 j 20:18	0°♌	
morning set	-8360 Oct 12 j 05:24	11°♌45'55	
	-8360 Oct 26 j 19:37	0°♍	
desc. node	-8360 Nov 12 j 07:48	20°♍31'35	
	-8360 Nov 19 j 23:15	0°♎	
superior conj	-8360 Nov 23 j 09:27	4°♎14'17	-0°24'48
minimum elong	-8360 Nov 23 j 03:23	3°♎55'31	0°24'30
max. Earth dist.	-8360 Nov 27 j 18:05	9°♎37'38	1.72639 AU
	-8360 Dec 14 j 06:19	0°♏	
evening rise	-8359 Jan 02 j 02:26	23°♏10'43	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8359 Jan 07 j 15:42	0°♐	
	-8359 Feb 01 j 03:20	0°♑	
	-8359 Feb 25 j 18:28	0°♒	
asc. node	-8359 Mar 04 j 07:26	7°♒55'19	
	-8359 Mar 22 j 15:10	0°♓	
	-8359 Apr 16 j 19:58	0°♈	
	-8359 May 12 j 13:03	0°♉	
	-8359 Jun 08 j 05:21	0°♊	
desc. node	-8359 Jun 24 j 23:49	17°♊45'13	
evening max el	-8359 Jun 28 j 23:02	21°♊45'06	47°22'47
	-8359 Jul 07 j 12:00	0°♋	
greatest brilliancy	-8359 Aug 09 j 13:58	23°♋03'50	-4.9m
retrograde	-8359 Aug 18 j 16:27	24°♋39'10	
evening set	-8359 Sep 04 j 18:22	19°♋00'12	
inferior conj	-8359 Sep 08 j 08:51	16°♋48'59	-7°44'26
minimum elong	-8359 Sep 08 j 18:12	16°♋34'36	7°42'21
min. Earth dist.	-8359 Sep 08 j 03:21	16°♋57'28	0.26611 AU
morning rise	-8359 Sep 12 j 18:07	14°♋10'51	
direct	-8359 Sep 28 j 12:37	9°♋12'38	
greatest brilliancy	-8359 Oct 08 j 13:04	11°♋07'59	-4.9m
asc. node	-8359 Oct 15 j 05:29	14°♋14'15	
	-8359 Nov 05 j 04:22	0°♌	
morning max el	-8359 Nov 17 j 16:22	11°♌55'38	46°25'48
	-8359 Dec 04 j 23:29	0°♍	
	-8359 Dec 31 j 22:55	0°♎	
	-8358 Jan 27 j 00:35	0°♏	
desc. node	-8358 Feb 04 j 21:24	10°♏20'55	
	-8358 Feb 21 j 14:06	0°♐	
	-8358 Mar 18 j 17:30	0°♑	
	-8358 Apr 12 j 11:29	0°♒	
	-8358 May 06 j 21:05	0°♓	
morning set	-8358 May 14 j 20:05	9°♓51'51	
asc. node	-8358 May 27 j 19:58	26°♓02'58	
	-8358 May 30 j 23:51	0°♈	
max. Earth dist.	-8358 Jun 17 j 03:03	21°♈28'30	1.71466 AU
superior conj	-8358 Jun 20 j 13:23	25°♈47'15	0°51'33
minimum elong	-8358 Jun 20 j 04:30	25°♈19'18	0°51'23
	-8358 Jun 23 j 21:45	0°♉	
	-8358 Jul 17 j 17:07	0°♊	
evening rise	-8358 Jul 29 j 00:33	14°♊15'34	
	-8358 Aug 10 j 12:36	0°♋	
	-8358 Sep 03 j 10:37	0°♌	
desc. node	-8358 Sep 17 j 07:54	17°♌19'03	
	-8358 Sep 27 j 12:58	0°♍	
	-8358 Oct 21 j 21:03	0°♎	
	-8358 Nov 15 j 13:13	0°♏	
	-8358 Dec 10 j 19:30	0°♐	
	-8357 Jan 06 j 06:28	0°♑	
asc. node	-8357 Jan 07 j 10:45	1°♑17'05	
evening max el	-8357 Jan 31 j 19:03	26°♑19'02	44°57'18
	-8357 Feb 04 j 17:28	0°♒	
greatest brilliancy	-8357 Mar 10 j 08:08	23°♒15'20	-4.7m
retrograde	-8357 Mar 20 j 18:27	25°♒10'29	
evening set	-8357 Apr 05 j 11:56	20°♒31'23	
inferior conj	-8357 Apr 11 j 01:43	17°♒13'53	4°11'48
minimum elong	-8357 Apr 11 j 09:40	17°♒01'43	4°09'27
min. Earth dist.	-8357 Apr 12 j 05:17	16°♒31'40	0.28638 AU
morning rise	-8357 Apr 17 j 06:36	13°♒33'49	
desc. node	-8357 Apr 30 j 05:18	9°♒05'52	
direct	-8357 May 02 j 21:05	8°♒57'33	
greatest brilliancy	-8357 May 14 j 08:11	11°♒19'01	-4.8m
	-8357 Jun 10 j 18:30	0°♓	
morning max el	-8357 Jun 21 j 20:05	10°♓26'20	46°28'33
	-8357 Jul 10 j 11:38	0°♈	
	-8357 Aug 05 j 16:04	0°♉	
asc. node	-8357 Aug 20 j 09:06	17°♉38'12	
	-8357 Aug 30 j 12:32	0°♊	
	-8357 Sep 23 j 19:18	0°♋	
	-8357 Oct 17 j 22:19	0°♌	
	-8357 Nov 11 j 03:04	0°♍	
	-8357 Dec 05 j 11:23	0°♎	
desc. node	-8357 Dec 10 j 21:14	6°♎38'49	
morning set	-8357 Dec 27 j 23:06	27°♎35'21	
	-8357 Dec 29 j 22:19	0°♏	
	-8356 Jan 23 j 09:58	0°♐	
max. Earth dist.	-8356 Feb 03 j 02:42	13°♐06'53	1.73757 AU
superior conj	-8356 Feb 04 j 02:15	14°♐19'05	-1°21'30
minimum elong	-8356 Feb 04 j 01:36	14°♐17'07	1°22'00
	-8356 Feb 16 j 20:57	0°♑	
evening rise	-8356 Mar 11 j 00:45	28°♑26'49	
	-8356 Mar 12 j 07:05	0°♒	
asc. node	-8356 Mar 31 j 19:50	24°♒00'01	
	-8356 Apr 05 j 17:01	0°♓	
	-8356 Apr 30 j 03:37	0°♈	
	-8356 May 24 j 15:52	0°♉	
	-8356 Jun 18 j 07:35	0°♊	
	-8356 Jul 13 j 06:37	0°♋	
desc. node	-8356 Jul 22 j 10:36	10°♋51'26	
	-8356 Aug 07 j 20:59	0°♌	
	-8356 Sep 03 j 23:22	0°♍	
evening max el	-8356 Sep 09 j 02:42	5°♍19'54	47°33'54
	-8356 Oct 06 j 18:36	0°♎	
greatest brilliancy	-8356 Oct 19 j 14:45	7°♎12'25	-4.9m
retrograde	-8356 Oct 30 j 06:35	9°♎23'24	
asc. node	-8356 Nov 11 j 15:59	6°♎09'59	
evening set	-8356 Nov 14 j 00:54	4°♎53'42	
min. Earth dist.	-8356 Nov 19 j 07:29	1°♎39'25	0.27869 AU
inferior conj	-8356 Nov 20 j 05:00	1°♎04'55	2°02'36
minimum elong	-8356 Nov 20 j 00:50	1°♎11'37	2°01'26
	-8356 Nov 21 j 21:44	30°℞♍	
morning rise	-8356 Nov 26 j 01:53	27°♍29'15	
direct	-8356 Dec 11 j 00:42	23°♍01'06	
greatest brilliancy	-8356 Dec 19 j 21:04	24°♍29'49	-4.8m
	-8356 Dec 31 j 09:19	0°♎	
morning max el	-8355 Jan 28 j 21:52	23°♎13'24	45°58'12
	-8355 Feb 04 j 20:45	0°♏	
desc. node	-8355 Mar 04 j 09:29	28°♏57'19	
	-8355 Mar 05 j 08:20	0°♐	
	-8355 Mar 31 j 22:14	0°♑	
	-8355 Apr 26 j 11:20	0°♒	
	-8355 May 21 j 07:27	0°♓	
	-8355 Jun 14 j 15:09	0°♈	
asc. node	-8355 Jun 24 j 09:26	12°♈10'54	
	-8355 Jul 08 j 14:09	0°♉	
greatest brilliancy	-8355 Jul 16 j 08:51	9°♉48'24	-3.9m
morning set	-8355 Jul 24 j 14:49	20°♉13'42	
	-8355 Aug 01 j 08:12	0°♊	
	-8355 Aug 25 j 01:04	0°♋	
superior conj	-8355 Sep 03 j 02:47	11°♋27'34	1°16'09
minimum elong	-8355 Sep 03 j 11:28	11°♋54'59	1°16'32
max. Earth dist.	-8355 Sep 08 j 03:59	17°♋49'45	1.70868 AU
	-8355 Sep 17 j 19:57	0°♌	
	-8355 Oct 11 j 18:44	0°♍	
desc. node	-8355 Oct 14 j 20:39	3°♍50'32	
evening rise	-8355 Oct 16 j 06:43	5°♍36'42	
	-8355 Nov 04 j 21:55	0°♎	
	-8355 Nov 29 j 05:28	0°♏	
	-8355 Dec 23 j 18:14	0°♐	
	-8354 Jan 17 j 15:07	0°♑	
asc. node	-8354 Feb 03 j 21:52	20°♑28'17	
	-8354 Feb 12 j 01:49	0°♒	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8354 Mar 10 j 12:28	0°♓	
	-8354 Apr 07 j 23:39	0°♈	
evening max el	-8354 Apr 13 j 19:13	5°♈39'15	45°39'18
	-8354 May 14 j 11:31	0°♉	
greatest brilliancy	-8354 May 23 j 02:27	3°♉55'53	-4.8m
desc. node	-8354 May 27 j 15:44	5°♉08'49	
retrograde	-8354 Jun 01 j 21:58	5°♉39'35	
evening set	-8354 Jun 17 j 03:52	1°♉18'48	
	-8354 Jun 19 j 12:46	30°℞♈	
inferior conj	-8354 Jun 22 j 19:44	28°♈03'41	-5°51'23
minimum elong	-8354 Jun 22 j 09:19	28°♈19'15	5°48'46
min. Earth dist.	-8354 Jun 22 j 21:38	28°♈00'50	0.26946 AU
morning rise	-8354 Jun 27 j 14:19	25°♈16'28	
direct	-8354 Jul 13 j 14:54	20°♈23'44	
greatest brilliancy	-8354 Jul 24 j 13:36	22°♈36'23	-4.9m
	-8354 Aug 06 j 18:10	0°♉	
morning max el	-8354 Sep 02 j 05:51	23°♉33'15	46°46'35
	-8354 Sep 08 j 10:13	0°♊	
asc. node	-8354 Sep 16 j 20:46	9°♊08'33	
	-8354 Oct 05 j 05:31	0°♋	
	-8354 Oct 30 j 14:31	0°♌	
	-8354 Nov 24 j 13:23	0°♍	
	-8354 Dec 19 j 10:23	0°♎	
desc. node	-8353 Jan 07 j 10:41	22°♎56'22	
	-8353 Jan 13 j 07:03	0°♏	
	-8353 Feb 07 j 01:57	0°♐	
	-8353 Mar 03 j 17:22	0°♑	
morning set	-8353 Mar 07 j 04:42	4°♑14'41	
	-8353 Mar 28 j 04:30	0°♒	
max. Earth dist.	-8353 Apr 07 j 11:52	12°♒42'21	1.73234 AU
superior conj	-8353 Apr 11 j 13:02	17°♒42'22	-0°39'39
minimum elong	-8353 Apr 11 j 19:44	18°♒03'04	0°39'47
	-8353 Apr 21 j 11:34	0°♓	
asc. node	-8353 Apr 29 j 08:49	9°♓46'33	
	-8353 May 15 j 15:25	0°♈	
evening rise	-8353 May 17 j 01:51	1°♈47'06	
	-8353 Jun 08 j 17:15	0°♉	
	-8353 Jul 02 j 18:43	0°♊	
	-8353 Jul 26 j 21:57	0°♋	
desc. node	-8353 Aug 19 j 21:57	29°♋36'42	
	-8353 Aug 20 j 05:33	0°♌	
	-8353 Sep 13 j 20:56	0°♍	
	-8353 Oct 09 j 02:20	0°♎	
	-8353 Nov 04 j 13:46	0°♏	
evening max el	-8353 Nov 19 j 13:00	15°♏40'39	46°00'59
	-8353 Dec 04 j 20:49	0°♐	
asc. node	-8353 Dec 10 j 02:31	4°♐17'13	
greatest brilliancy	-8353 Dec 28 j 00:13	15°♐10'35	-4.7m
retrograde	-8352 Jan 08 j 02:19	17°♐27'45	
evening set	-8352 Jan 25 j 13:37	11°♐34'13	
inferior conj	-8352 Jan 29 j 13:27	9°♐03'20	8°00'33
minimum elong	-8352 Jan 29 j 10:43	9°♐07'44	7°59'57
min. Earth dist.	-8352 Jan 29 j 13:58	9°♐02'31	0.29552 AU
morning rise	-8352 Feb 02 j 07:51	6°♐40'22	
direct	-8352 Feb 20 j 07:53	0°♐31'53	
greatest brilliancy	-8352 Mar 01 j 00:05	2°♐12'30	-4.7m
desc. node	-8352 Mar 31 j 20:43	22°♐32'49	
	-8352 Apr 08 j 23:37	0°♑	
morning max el	-8352 Apr 09 j 05:49	0°♑14'46	45°59'20
	-8352 May 07 j 23:41	0°♒	
	-8352 Jun 03 j 08:04	0°♓	
	-8352 Jun 28 j 10:11	0°♈	
asc. node	-8352 Jul 21 j 22:40	28°♈57'41	
	-8352 Jul 22 j 18:42	0°♉	
	-8352 Aug 15 j 17:19	0°♊	
	-8352 Sep 08 j 12:05	0°♋	
	-8352 Oct 02 j 07:40	0°♌	
morning set	-8352 Oct 09 j 15:07	9°♌10'25	
	-8352 Oct 26 j 06:54	0°♍	
desc. node	-8352 Nov 11 j 09:53	20°♍03'12	
	-8352 Nov 19 j 10:28	0°♎	
superior conj	-8352 Nov 20 j 20:31	1°♎45'24	-0°21'15
minimum elong	-8352 Nov 20 j 15:13	1°♎29'01	0°20'57
max. Earth dist.	-8352 Nov 25 j 06:38	7°♎13'35	1.72578 AU
	-8352 Dec 13 j 17:27	0°♏	
evening rise	-8352 Dec 30 j 17:49	20°♏56'23	
	-8351 Jan 07 j 02:50	0°♐	
	-8351 Jan 31 j 14:34	0°♑	
	-8351 Feb 25 j 06:01	0°♒	
asc. node	-8351 Mar 03 j 09:34	7°♒26'28	
	-8351 Mar 22 j 03:20	0°♓	
	-8351 Apr 16 j 09:10	0°♈	
	-8351 May 12 j 04:00	0°♉	
	-8351 Jun 07 j 23:47	0°♊	
desc. node	-8351 Jun 24 j 02:11	16°♊53'48	
evening max el	-8351 Jun 26 j 12:39	19°♊20'13	47°20'11
	-8351 Jul 07 j 17:06	0°♋	
greatest brilliancy	-8351 Aug 07 j 02:15	20°♋33'16	-4.9m
retrograde	-8351 Aug 16 j 05:23	22°♋09'01	
evening set	-8351 Sep 02 j 09:55	16°♋25'38	
inferior conj	-8351 Sep 05 j 21:18	14°♋19'23	-7°56'12
minimum elong	-8351 Sep 06 j 06:14	14°♋05'41	7°54'18
min. Earth dist.	-8351 Sep 05 j 15:41	14°♋27'59	0.26602 AU
morning rise	-8351 Sep 10 j 02:37	11°♋47'27	
direct	-8351 Sep 26 j 01:31	6°♋43'28	
greatest brilliancy	-8351 Oct 06 j 01:55	8°♋39'22	-4.9m
asc. node	-8351 Oct 14 j 07:38	12°♋39'31	
	-8351 Nov 05 j 09:40	0°♌	
morning max el	-8351 Nov 15 j 07:11	9°♌34'20	46°26'51
	-8351 Dec 04 j 17:40	0°♍	
	-8351 Dec 31 j 13:42	0°♎	
	-8350 Jan 26 j 13:43	0°♏	
desc. node	-8350 Feb 03 j 23:29	9°♏49'42	
	-8350 Feb 21 j 02:17	0°♐	
	-8350 Mar 18 j 05:06	0°♑	
	-8350 Apr 11 j 22:45	0°♒	
	-8350 May 06 j 08:13	0°♓	
morning set	-8350 May 12 j 14:18	7°♓44'56	
asc. node	-8350 May 26 j 22:10	25°♓35'03	
	-8350 May 30 j 10:59	0°♈	
max. Earth dist.	-8350 Jun 14 j 14:22	18°♈58'12	1.71523 AU
superior conj	-8350 Jun 18 j 05:11	23°♈30'51	0°48'52
minimum elong	-8350 Jun 17 j 20:34	23°♈03'48	0°48'41
	-8350 Jun 23 j 08:58	0°♉	
	-8350 Jul 17 j 04:27	0°♊	
evening rise	-8350 Jul 26 j 12:25	11°♊45'51	
	-8350 Aug 10 j 00:03	0°♋	
	-8350 Sep 02 j 22:13	0°♌	
desc. node	-8350 Sep 16 j 09:59	16°♌49'09	
	-8350 Sep 27 j 00:46	0°♍	
	-8350 Oct 21 j 09:08	0°♎	
	-8350 Nov 15 j 01:50	0°♏	
	-8350 Dec 10 j 09:13	0°♐	
	-8349 Jan 05 j 22:48	0°♑	
asc. node	-8349 Jan 06 j 13:02	0°♑38'34	
evening max el	-8349 Jan 29 j 11:18	24°♑09'27	44°57'43
	-8349 Feb 04 j 18:38	0°♒	
greatest brilliancy	-8349 Mar 07 j 23:22	21°♒05'26	-4.7m
retrograde	-8349 Mar 18 j 09:48	23°♒00'30	
evening set	-8349 Apr 03 j 06:00	18°♒18'00	
inferior conj	-8349 Apr 08 j 17:29	15°♒02'57	4°28'10

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-8349 Apr 09 j 01:44	14°♒50'17	4°25'46
min. Earth dist.	-8349 Apr 09 j 20:55	14°♒20'48	0.28702 AU
morning rise	-8349 Apr 14 j 20:45	11°♒24'30	
desc. node	-8349 Apr 29 j 07:28	6°♒47'32	
direct	-8349 Apr 30 j 13:49	6°♒45'40	
greatest brilliancy	-8349 May 11 j 23:07	9°♒05'16	-4.8m
	-8349 Jun 10 j 22:00	0°♓	
morning max el	-8349 Jun 19 j 11:18	8°♓09'29	46°27'18
	-8349 Jul 10 j 05:09	0°♈	
	-8349 Aug 05 j 06:39	0°♉	
asc. node	-8349 Aug 19 j 11:08	17°♉02'53	
	-8349 Aug 30 j 01:47	0°♊	
	-8349 Sep 23 j 07:49	0°♋	
	-8349 Oct 17 j 10:22	0°♌	
	-8349 Nov 10 j 14:47	0°♍	
	-8349 Dec 04 j 22:49	0°♎	
desc. node	-8349 Dec 09 j 23:28	6°♎10'42	
morning set	-8349 Dec 25 j 13:26	25°♎17'45	
	-8349 Dec 29 j 09:33	0°♏	
	-8348 Jan 22 j 21:03	0°♐	
max. Earth dist.	-8348 Feb 01 j 01:20	11°♐15'10	1.73746 AU
superior conj	-8348 Feb 01 j 20:07	12°♐12'46	-1°21'20
minimum elong	-8348 Feb 01 j 18:50	12°♐08'48	1°21'50
	-8348 Feb 16 j 07:59	0°♑	
evening rise	-8348 Mar 08 j 20:10	26°♑24'51	
	-8348 Mar 11 j 18:12	0°♒	
asc. node	-8348 Mar 30 j 21:56	23°♒31'52	
	-8348 Apr 05 j 04:21	0°♓	
	-8348 Apr 29 j 15:18	0°♈	
	-8348 May 24 j 04:05	0°♉	
	-8348 Jun 17 j 20:35	0°♊	
	-8348 Jul 12 j 20:48	0°♋	
desc. node	-8348 Jul 21 j 12:43	10°♋14'14	
	-8348 Aug 07 j 13:15	0°♌	
	-8348 Sep 03 j 20:33	0°♍	
evening max el	-8348 Sep 06 j 18:38	3°♍00'38	47°35'51
	-8348 Oct 07 j 21:25	0°♎	
greatest brilliancy	-8348 Oct 17 j 08:31	4°♎55'16	-4.9m
retrograde	-8348 Oct 27 j 22:21	7°♎04'11	
asc. node	-8348 Nov 10 j 18:17	3°♎06'30	
evening set	-8348 Nov 11 j 16:24	2°♎35'46	
	-8348 Nov 15 j 22:54	30°℞♍	
min. Earth dist.	-8348 Nov 16 j 23:30	29°♍20'43	0.27793 AU
inferior conj	-8348 Nov 17 j 20:35	28°♍46'53	1°42'27
minimum elong	-8348 Nov 17 j 17:04	28°♍52'33	1°41'30
morning rise	-8348 Nov 23 j 18:49	25°♍09'14	
direct	-8348 Dec 08 j 15:25	20°♍44'34	
greatest brilliancy	-8348 Dec 17 j 12:24	22°♍13'38	-4.8m
	-8347 Jan 01 j 12:04	0°♎	
morning max el	-8347 Jan 26 j 12:12	20°♎58'10	45°58'42
	-8347 Feb 04 j 17:00	0°♏	
desc. node	-8347 Mar 03 j 11:36	28°♏20'56	
	-8347 Mar 04 j 23:33	0°♐	
	-8347 Mar 31 j 11:30	0°♑	
	-8347 Apr 25 j 23:38	0°♒	
	-8347 May 20 j 19:13	0°♓	
	-8347 Jun 14 j 02:39	0°♈	
asc. node	-8347 Jun 23 j 11:40	11°♈42'04	
	-8347 Jul 08 j 01:32	0°♉	
greatest brilliancy	-8347 Jul 15 j 11:32	9°♉20'58	-3.9m
morning set	-8347 Jul 22 j 03:17	17°♉45'25	
	-8347 Jul 31 j 19:34	0°♊	
	-8347 Aug 24 j 12:29	0°♋	
superior conj	-8347 Aug 31 j 12:06	8°♋49'27	1°17'40
minimum elong	-8347 Aug 31 j 19:57	9°♋14'15	1°18'05
max. Earth dist.	-8347 Sep 05 j 02:47	14°♋38'39	1.70837 AU
	-8347 Sep 17 j 07:25	0°♌	
	-8347 Oct 11 j 06:13	0°♍	
evening rise	-8347 Oct 13 j 14:36	2°♍55'51	
desc. node	-8347 Oct 13 j 22:46	3°♍21'19	
	-8347 Nov 04 j 09:24	0°♎	
	-8347 Nov 28 j 17:02	0°♏	
	-8347 Dec 23 j 06:01	0°♐	
	-8346 Jan 17 j 03:27	0°♑	
asc. node	-8346 Feb 02 j 23:59	19°♑56'28	
	-8346 Feb 11 j 15:16	0°♒	
	-8346 Mar 10 j 04:19	0°♓	
	-8346 Apr 07 j 21:52	0°♈	
evening max el	-8346 Apr 11 j 07:53	3°♈17'37	45°36'13
	-8346 May 16 j 17:55	0°♉	
greatest brilliancy	-8346 May 20 j 14:10	1°♉31'01	-4.8m
desc. node	-8346 May 26 j 18:05	3°♉00'09	
retrograde	-8346 May 30 j 09:52	3°♉15'16	
	-8346 Jun 12 j 11:57	30°℞♈	
evening set	-8346 Jun 14 j 13:21	28°♈57'56	
inferior conj	-8346 Jun 20 j 08:17	25°♈39'11	-5°33'09
minimum elong	-8346 Jun 19 j 22:04	25°♈54'25	5°30'32
min. Earth dist.	-8346 Jun 20 j 11:24	25°♈34'32	0.26985 AU
morning rise	-8346 Jun 25 j 06:15	22°♈47'24	
direct	-8346 Jul 11 j 03:48	17°♈58'01	
greatest brilliancy	-8346 Jul 22 j 04:52	20°♈12'44	-4.9m
	-8346 Aug 07 j 15:06	0°♉	
morning max el	-8346 Aug 30 j 18:31	21°♉03'56	46°46'38
	-8346 Sep 08 j 06:54	0°♊	
asc. node	-8346 Sep 15 j 23:00	8°♊22'54	
	-8346 Oct 04 j 21:31	0°♋	
	-8346 Oct 30 j 04:33	0°♌	
	-8346 Nov 24 j 02:18	0°♍	
	-8346 Dec 18 j 22:35	0°♎	
desc. node	-8345 Jan 06 j 12:44	22°♎26'55	
	-8345 Jan 12 j 18:43	0°♏	
	-8345 Feb 06 j 13:16	0°♐	
	-8345 Mar 03 j 04:27	0°♑	
morning set	-8345 Mar 04 j 23:44	2°♑12'19	
	-8345 Mar 27 j 15:29	0°♒	
max. Earth dist.	-8345 Apr 05 j 10:28	10°♒50'07	1.73282 AU
superior conj	-8345 Apr 09 j 08:44	15°♒41'05	-0°42'12
minimum elong	-8345 Apr 09 j 15:43	16°♒02'38	0°42'20
	-8345 Apr 20 j 22:34	0°♓	
asc. node	-8345 Apr 28 j 11:03	9°♓19'12	
evening rise	-8345 May 14 j 20:47	29°♓41'59	
	-8345 May 15 j 02:34	0°♈	
	-8345 Jun 08 j 04:40	0°♉	
	-8345 Jul 02 j 06:26	0°♊	
	-8345 Jul 26 j 10:02	0°♋	
desc. node	-8345 Aug 19 j 00:02	29°♋04'35	
	-8345 Aug 19 j 18:08	0°♌	
	-8345 Sep 13 j 10:16	0°♍	
	-8345 Oct 08 j 17:03	0°♎	
	-8345 Nov 04 j 07:43	0°♏	
evening max el	-8345 Nov 17 j 04:42	13°♏25'49	46°04'31
	-8345 Dec 05 j 04:01	0°♐	
asc. node	-8345 Dec 09 j 04:50	3°♐11'44	
greatest brilliancy	-8345 Dec 25 j 16:55	13°♐02'00	-4.8m
retrograde	-8344 Jan 05 j 20:26	15°♐20'51	
evening set	-8344 Jan 23 j 05:35	9°♐28'53	
inferior conj	-8344 Jan 27 j 06:56	6°♐55'47	7°57'39
minimum elong	-8344 Jan 27 j 03:34	7°♐01'09	7°57'01
min. Earth dist.	-8344 Jan 27 j 05:51	6°♐57'31	0.29529 AU
morning rise	-8344 Jan 31 j 01:38	4°♐32'31	
	-8344 Feb 09 j 02:41	30°℞♏	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

direct	-8344 Feb 18 j 00:47	28°♏24'36		
	-8344 Feb 27 j 10:05	0°♐		
greatest brilliancy	-8344 Feb 27 j 15:28	0°♐04'24	-4.7m	
desc. node	-8344 Mar 30 j 22:56	21°♐39'49		
morning max el	-8344 Apr 06 j 22:57	28°♐08'02	45°58'49	
	-8344 Apr 08 j 21:38	0°♑		
	-8344 May 07 j 15:22	0°♒		
	-8344 Jun 02 j 21:33	0°♓		
	-8344 Jun 27 j 22:41	0°♈		
asc. node	-8344 Jul 21 j 00:43	28°♈26'39		
	-8344 Jul 22 j 06:43	0°♉		
	-8344 Aug 15 j 05:04	0°♊		
	-8344 Sep 07 j 23:39	0°♋		
	-8344 Oct 01 j 19:07	0°♌		
morning set	-8344 Oct 07 j 00:39	6°♌33'58		
	-8344 Oct 25 j 18:15	0°♍		
desc. node	-8344 Nov 10 j 12:05	19°♍34'59		
superior conj	-8344 Nov 18 j 07:10	29°♍14'56	-0°17'38	
minimum elong	-8344 Nov 18 j 02:42	29°♍01'06	0°17'20	
	-8344 Nov 18 j 21:43	0°♎		
max. Earth dist.	-8344 Nov 22 j 20:25	4°♎53'02	1.72519 AU	
	-8344 Dec 13 j 04:40	0°♏		
evening rise	-8344 Dec 28 j 09:03	18°♏41'20		
	-8343 Jan 06 j 14:01	0°♐		
	-8343 Jan 31 j 01:51	0°♑		
	-8343 Feb 24 j 17:35	0°♒		
asc. node	-8343 Mar 02 j 11:46	6°♒57'50		
	-8343 Mar 21 j 15:30	0°♓		
	-8343 Apr 15 j 22:22	0°♈		
	-8343 May 11 j 19:02	0°♉		
	-8343 Jun 07 j 18:36	0°♊		
desc. node	-8343 Jun 23 j 04:17	16°♊00'45		
evening max el	-8343 Jun 24 j 02:51	16°♊56'54	47°17'12	
	-8343 Jul 08 j 00:19	0°♋		
greatest brilliancy	-8343 Aug 04 j 13:59	18°♋01'44	-4.9m	
retrograde	-8343 Aug 13 j 18:14	19°♋37'58		
evening set	-8343 Aug 31 j 01:11	13°♋50'37		
inferior conj	-8343 Sep 03 j 09:32	11°♋48'57	-8°07'03	
minimum elong	-8343 Sep 03 j 17:57	11°♋36'04	8°05'21	
min. Earth dist.	-8343 Sep 03 j 03:39	11°♋57'58	0.26596 AU	
morning rise	-8343 Sep 07 j 10:50	9°♋23'12		
direct	-8343 Sep 23 j 14:32	4°♋13'44		
greatest brilliancy	-8343 Oct 03 j 14:16	6°♋09'29	-4.9m	
asc. node	-8343 Oct 13 j 09:58	11°♋07'57		
	-8343 Nov 05 j 13:16	0°♌		
morning max el	-8343 Nov 12 j 21:27	7°♌11'23	46°27'51	
	-8343 Dec 04 j 11:29	0°♍		
	-8343 Dec 31 j 04:18	0°♎		
	-8342 Jan 26 j 02:43	0°♏		
desc. node	-8342 Feb 03 j 01:33	9°♏18'38		
	-8342 Feb 20 j 14:22	0°♐		
	-8342 Mar 17 j 16:36	0°♑		
	-8342 Apr 11 j 09:54	0°♒		
	-8342 May 05 j 19:12	0°♓		
morning set	-8342 May 10 j 08:58	5°♓39'55		
asc. node	-8342 May 26 j 00:24	25°♓07'48		
	-8342 May 29 j 21:57	0°♈		
max. Earth dist.	-8342 Jun 12 j 02:00	16°♈29'39	1.71583 AU	
superior conj	-8342 Jun 15 j 21:31	21°♈16'51	0°46'08	
minimum elong	-8342 Jun 15 j 13:14	20°♈50'50	0°45'57	
	-8342 Jun 22 j 20:00	0°♉		
	-8342 Jul 16 j 15:37	0°♊		
evening rise	-8342 Jul 24 j 00:45	9°♊18'00		
	-8342 Aug 09 j 11:24	0°♋		
	-8342 Sep 02 j 09:46	0°♌		
desc. node	-8342 Sep 15 j 12:10	16°♌19'40		
	-8342 Sep 26 j 12:32	0°♍		
	-8342 Oct 20 j 21:13	0°♎		
	-8342 Nov 14 j 14:28	0°♏		
	-8342 Dec 09 j 22:59	0°♐		
asc. node	-8341 Jan 05 j 15:10	29°♐59'29		
	-8341 Jan 05 j 15:21	0°♑		
evening max el	-8341 Jan 27 j 02:39	21°♑57'48	44°58'14	
	-8341 Feb 04 j 21:03	0°♒		
greatest brilliancy	-8341 Mar 05 j 15:11	18°♒56'29	-4.7m	
retrograde	-8341 Mar 16 j 00:50	20°♒51'03		
evening set	-8341 Apr 01 j 00:05	16°♒05'00		
inferior conj	-8341 Apr 06 j 09:17	12°♒52'41	4°44'02	
minimum elong	-8341 Apr 06 j 17:47	12°♒39'36	4°41'38	
min. Earth dist.	-8341 Apr 07 j 12:52	12°♒10'10	0.28762 AU	
morning rise	-8341 Apr 12 j 10:44	9°♒16'00		
direct	-8341 Apr 28 j 05:57	4°♒34'23		
desc. node	-8341 Apr 28 j 09:46	4°♒34'25		
greatest brilliancy	-8341 May 09 j 14:22	6°♒52'33	-4.8m	
	-8341 Jun 10 j 23:42	0°♓		
morning max el	-8341 Jun 17 j 01:42	5°♓51'32	46°26'18	
	-8341 Jul 09 j 22:00	0°♈		
	-8341 Aug 04 j 20:46	0°♉		
asc. node	-8341 Aug 18 j 13:25	16°♉29'20		
	-8341 Aug 29 j 14:40	0°♊		
	-8341 Sep 22 j 20:03	0°♋		
	-8341 Oct 16 j 22:13	0°♌		
	-8341 Nov 10 j 02:21	0°♍		
	-8341 Dec 04 j 10:07	0°♎		
desc. node	-8341 Dec 09 j 01:31	5°♎42'24		
morning set	-8341 Dec 23 j 03:05	22°♎58'27		
	-8341 Dec 28 j 20:37	0°♏		
	-8340 Jan 22 j 07:57	0°♐		
max. Earth dist.	-8340 Jan 29 j 22:30	9°♐19'31	1.73730 AU	
superior conj	-8340 Jan 30 j 13:31	10°♐05'35	-1°21'04	
minimum elong	-8340 Jan 30 j 11:34	9°♐59'37	1°21'33	
	-8340 Feb 15 j 18:51	0°♑		
evening rise	-8340 Mar 06 j 15:18	24°♑22'38		
greatest brilliancy	-8340 Mar 06 j 21:09	24°♑40'35	-3.9m	
	-8340 Mar 11 j 05:09	0°♒		
asc. node	-8340 Mar 30 j 00:13	23°♒04'50		
	-8340 Apr 04 j 15:30	0°♓		
	-8340 Apr 29 j 02:49	0°♈		
	-8340 May 23 j 16:06	0°♉		
	-8340 Jun 17 j 09:21	0°♊		
	-8340 Jul 12 j 10:45	0°♋		
desc. node	-8340 Jul 20 j 14:52	9°♋38'04		
	-8340 Aug 07 j 05:21	0°♌		
	-8340 Sep 03 j 18:02	0°♍		
evening max el	-8340 Sep 04 j 09:19	0°♍39'07	47°37'29	
	-8340 Oct 09 j 11:10	0°♎		
greatest brilliancy	-8340 Oct 15 j 02:13	2°♎38'10	-4.9m	
retrograde	-8340 Oct 25 j 13:31	4°♎44'57		
evening set	-8340 Nov 09 j 07:51	0°♎17'17		
asc. node	-8340 Nov 09 j 20:35	29°♍59'04		
	-8340 Nov 09 j 19:56	30°℞♍		
min. Earth dist.	-8340 Nov 14 j 15:35	27°♍01'29	0.27725 AU	
inferior conj	-8340 Nov 15 j 12:00	26°♍28'46	1°21'54	
minimum elong	-8340 Nov 15 j 09:09	26°♍33'20	1°21'09	
morning rise	-8340 Nov 21 j 11:28	22°♍49'14		
direct	-8340 Dec 06 j 05:33	18°♍27'37		
greatest brilliancy	-8340 Dec 15 j 04:11	19°♍57'45	-4.8m	
	-8339 Jan 02 j 07:40	0°♎		
morning max el	-8339 Jan 24 j 02:15	18°♎42'16	45°59'17	
	-8339 Feb 04 j 12:31	0°♏		
desc. node	-8339 Mar 02 j 13:52	27°♏45'44		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8339 Mar 04 j 14:25	0°♐		
	-8339 Mar 31 j 00:27	0°♑		
	-8339 Apr 25 j 11:38	0°♒		
	-8339 May 20 j 06:43	0°♓		
	-8339 Jun 13 j 13:53	0°♈		
asc. node	-8339 Jun 22 j 13:41	11°♈13'25		
	-8339 Jul 07 j 12:38	0°♉		
greatest brilliancy	-8339 Jul 14 j 16:22	9°♉01'11	-3.9m	
morning set	-8339 Jul 19 j 16:15	15°♉19'41		
	-8339 Jul 31 j 06:38	0°♊		
	-8339 Aug 23 j 23:34	0°♋		
superior conj	-8339 Aug 28 j 21:59	6°♋14'12	1°18'59	
minimum elong	-8339 Aug 29 j 04:59	6°♋36'17	1°19'26	
max. Earth dist.	-8339 Sep 02 j 02:15	11°♋30'42	1.70810 AU	
	-8339 Sep 16 j 18:31	0°♌		
evening rise	-8339 Oct 10 j 22:47	0°♍17'00		
	-8339 Oct 10 j 17:20	0°♍		
desc. node	-8339 Oct 13 j 00:59	2°♍53'32		
	-8339 Nov 03 j 20:35	0°♎		
	-8339 Nov 28 j 04:21	0°♏		
	-8339 Dec 22 j 17:38	0°♐		
	-8338 Jan 16 j 15:38	0°♑		
asc. node	-8338 Feb 02 j 02:15	19°♑25'33		
	-8338 Feb 11 j 04:38	0°♒		
	-8338 Mar 09 j 20:13	0°♓		
	-8338 Apr 07 j 20:45	0°♈		
evening max el	-8338 Apr 08 j 20:53	0°♈57'37	45°33'20	
greatest brilliancy	-8338 May 18 j 01:16	29°♈06'15	-4.8m	
	-8338 May 21 j 02:24	0°♉		
desc. node	-8338 May 25 j 20:13	0°♉46'43		
retrograde	-8338 May 27 j 22:19	0°♉51'42		
	-8338 Jun 03 j 13:46	30°℞♈		
evening set	-8338 Jun 11 j 22:57	26°♈37'21		
inferior conj	-8338 Jun 17 j 20:43	23°♈15'09	-5°14'23	
minimum elong	-8338 Jun 17 j 10:45	23°♈29'59	5°11'45	
min. Earth dist.	-8338 Jun 18 j 00:45	23°♈09'09	0.27024 AU	
morning rise	-8338 Jun 22 j 22:00	20°♈19'07		
direct	-8338 Jul 08 j 17:03	15°♈32'51		
greatest brilliancy	-8338 Jul 19 j 19:30	17°♈49'08	-4.9m	
	-8338 Aug 08 j 06:25	0°♉		
morning max el	-8338 Aug 28 j 08:16	18°♉38'24	46°46'53	
	-8338 Sep 08 j 02:36	0°♊		
asc. node	-8338 Sep 15 j 01:15	7°♊38'56		
	-8338 Oct 04 j 12:54	0°♋		
	-8338 Oct 29 j 18:03	0°♌		
	-8338 Nov 23 j 14:46	0°♍		
	-8338 Dec 18 j 10:24	0°♎		
desc. node	-8337 Jan 05 j 14:49	21°♎58'27		
	-8337 Jan 12 j 06:06	0°♏		
	-8337 Feb 06 j 00:20	0°♐		
morning set	-8337 Mar 02 j 18:24	0°♑09'25		
	-8337 Mar 02 j 15:19	0°♑		
	-8337 Mar 27 j 02:15	0°♒		
max. Earth dist.	-8337 Apr 03 j 09:32	8°♒59'58	1.73325 AU	
superior conj	-8337 Apr 07 j 04:05	13°♒39'22	-0°44'42	
minimum elong	-8337 Apr 07 j 11:19	14°♒01'41	0°44'51	
	-8337 Apr 20 j 09:22	0°♓		
asc. node	-8337 Apr 27 j 13:13	8°♓52'18		
evening rise	-8337 May 12 j 15:29	27°♓36'56		
	-8337 May 14 j 13:31	0°♈		
	-8337 Jun 07 j 15:52	0°♉		
	-8337 Jul 01 j 17:58	0°♊		
	-8337 Jul 25 j 21:56	0°♋		
desc. node	-8337 Aug 18 j 02:19	28°♋33'41		
	-8337 Aug 19 j 06:30	0°♌		
	-8337 Sep 12 j 23:23	0°♍		
	-8337 Oct 08 j 07:33	0°♎		
	-8337 Nov 04 j 01:37	0°♏		
evening max el	-8337 Nov 14 j 21:13	11°♏14'09	46°08'01	
	-8337 Dec 05 j 13:16	0°♐		
asc. node	-8337 Dec 08 j 06:55	2°♐05'12		
greatest brilliancy	-8337 Dec 23 j 09:35	10°♐54'28	-4.8m	
retrograde	-8336 Jan 03 j 14:42	13°♐14'44		
evening set	-8336 Jan 20 j 21:28	7°♐24'47		
inferior conj	-8336 Jan 25 j 00:26	4°♐48'59	7°54'10	
minimum elong	-8336 Jan 24 j 20:29	4°♐55'18	7°53'27	
min. Earth dist.	-8336 Jan 24 j 21:30	4°♐53'41	0.29507 AU	
morning rise	-8336 Jan 28 j 19:40	2°♐25'01		
	-8336 Feb 02 j 01:28	30°℞♏		
direct	-8336 Feb 15 j 18:12	26°♏18'14		
greatest brilliancy	-8336 Feb 25 j 06:24	27°♏56'30	-4.7m	
	-8336 Mar 01 j 09:30	0°♐		
desc. node	-8336 Mar 30 j 01:09	20°♐48'17		
morning max el	-8336 Apr 04 j 16:19	26°♐02'25	45°58'09	
	-8336 Apr 08 j 18:42	0°♑		
	-8336 May 07 j 06:40	0°♒		
	-8336 Jun 02 j 10:48	0°♓		
	-8336 Jun 27 j 10:58	0°♈		
asc. node	-8336 Jul 20 j 02:57	27°♈56'49		
	-8336 Jul 21 j 18:31	0°♉		
	-8336 Aug 14 j 16:36	0°♊		
	-8336 Sep 07 j 11:02	0°♋		
	-8336 Oct 01 j 06:22	0°♌		
morning set	-8336 Oct 04 j 10:21	3°♌58'34		
	-8336 Oct 25 j 05:23	0°♍		
desc. node	-8336 Nov 09 j 14:08	19°♍06'58		
superior conj	-8336 Nov 15 j 17:56	26°♍45'24	-0°13'58	
minimum elong	-8336 Nov 15 j 14:21	26°♍34'17	0°13'42	
behind sun begin	-8336 Nov 15 j 00:01	25°♍49'50		
behind sun end	-8336 Nov 16 j 04:42	27°♍18'44		
	-8336 Nov 18 j 08:45	0°♎		
max. Earth dist.	-8336 Nov 20 j 12:47	2°♎41'06	1.72454 AU	
	-8336 Dec 12 j 15:36	0°♏		
evening rise	-8336 Dec 26 j 00:28	16°♏27'40		
	-8335 Jan 06 j 00:58	0°♐		
	-8335 Jan 30 j 12:56	0°♑		
	-8335 Feb 24 j 05:01	0°♒		
asc. node	-8335 Mar 01 j 14:02	6°♒29'48		
	-8335 Mar 21 j 03:36	0°♓		
	-8335 Apr 15 j 11:35	0°♈		
	-8335 May 11 j 10:12	0°♉		
	-8335 Jun 07 j 13:49	0°♊		
evening max el	-8335 Jun 21 j 17:01	14°♊33'47	47°14'09	
desc. node	-8335 Jun 22 j 06:27	15°♊07'01		
	-8335 Jul 08 j 09:56	0°♋		
greatest brilliancy	-8335 Aug 02 j 01:52	15°♋30'44	-4.9m	
retrograde	-8335 Aug 11 j 06:44	17°♋06'50		
evening set	-8335 Aug 28 j 16:16	11°♋16'04		
inferior conj	-8335 Aug 31 j 21:41	9°♋18'40	-8°17'05	
minimum elong	-8335 Sep 01 j 05:31	9°♋06'42	8°15'33	
min. Earth dist.	-8335 Aug 31 j 15:38	9°♋27'56	0.26587 AU	
morning rise	-8335 Sep 04 j 18:54	6°♋58'56		
direct	-8335 Sep 21 j 03:21	1°♋44'12		
greatest brilliancy	-8335 Oct 01 j 02:39	3°♋39'34	-4.9m	
asc. node	-8335 Oct 12 j 12:12	9°♋39'36		
	-8335 Nov 05 j 15:16	0°♌		
morning max el	-8335 Nov 10 j 10:51	4°♌46'14	46°28'59	
	-8335 Dec 04 j 04:47	0°♍		
	-8335 Dec 30 j 18:34	0°♎		
	-8334 Jan 25 j 15:28	0°♏		
desc. node	-8334 Feb 02 j 03:49	8°♏48'48		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8334 Feb 20 j 02:13	0°♐		
	-8334 Mar 17 j 03:57	0°♑		
	-8334 Apr 10 j 20:59	0°♒		
	-8334 May 05 j 06:11	0°♓		
morning set	-8334 May 08 j 03:34	3°♓34'51		
asc. node	-8334 May 25 j 02:27	24°♓39'59		
	-8334 May 29 j 08:56	0°♈		
max. Earth dist.	-8334 Jun 09 j 13:22	14°♈00'16	1.71647 AU	
superior conj	-8334 Jun 13 j 13:49	19°♈02'48	0°43'21	
minimum elong	-8334 Jun 13 j 05:54	18°♈37'58	0°43'09	
	-8334 Jun 22 j 07:03	0°♉		
	-8334 Jul 16 j 02:48	0°♊		
evening rise	-8334 Jul 21 j 13:06	6°♊50'24		
	-8334 Aug 08 j 22:45	0°♋		
	-8334 Sep 01 j 21:19	0°♌		
desc. node	-8334 Sep 14 j 14:20	15°♌50'09		
	-8334 Sep 26 j 00:20	0°♍		
	-8334 Oct 20 j 09:20	0°♎		
	-8334 Nov 14 j 03:08	0°♏		
	-8334 Dec 09 j 12:49	0°♐		
asc. node	-8333 Jan 04 j 17:30	29°♐20'48		
	-8333 Jan 05 j 08:07	0°♑		
evening max el	-8333 Jan 24 j 17:22	19°♑45'00	44°58'58	
	-8333 Feb 05 j 00:53	0°♒		
greatest brilliancy	-8333 Mar 03 j 07:06	16°♒48'28	-4.7m	
retrograde	-8333 Mar 13 j 16:02	18°♒42'58		
evening set	-8333 Mar 29 j 18:28	13°♒52'57		
inferior conj	-8333 Apr 04 j 01:26	10°♒43'35	4°59'10	
minimum elong	-8333 Apr 04 j 10:05	10°♒30'11	4°56'48	
min. Earth dist.	-8333 Apr 05 j 05:16	10°♒00'34	0.28826 AU	
morning rise	-8333 Apr 10 j 00:57	7°♒08'53		
direct	-8333 Apr 25 j 22:03	2°♒24'01		
desc. node	-8333 Apr 27 j 11:52	2°♒26'50		
greatest brilliancy	-8333 May 07 j 06:30	4°♒41'30	-4.8m	
	-8333 Jun 11 j 00:12	0°♓		
morning max el	-8333 Jun 14 j 16:18	3°♓33'55	46°25'09	
	-8333 Jul 09 j 14:42	0°♈		
	-8333 Aug 04 j 10:55	0°♉		
asc. node	-8333 Aug 17 j 15:40	15°♉55'20		
	-8333 Aug 29 j 03:38	0°♊		
	-8333 Sep 22 j 08:22	0°♋		
	-8333 Oct 16 j 10:08	0°♌		
	-8333 Nov 09 j 13:59	0°♍		
	-8333 Dec 03 j 21:30	0°♎		
desc. node	-8333 Dec 08 j 03:34	5°♎13'53		
morning set	-8333 Dec 20 j 16:42	20°♎38'36		
	-8333 Dec 28 j 07:46	0°♏		
	-8332 Jan 21 j 18:58	0°♐		
superior conj	-8332 Jan 28 j 07:08	7°♐58'44	-1°20'41	
minimum elong	-8332 Jan 28 j 04:31	7°♐50'44	1°21'08	
max. Earth dist.	-8332 Jan 27 j 18:01	7°♐18'31	1.73709 AU	
	-8332 Feb 15 j 05:47	0°♑		
evening rise	-8332 Mar 04 j 10:44	22°♑21'12		
greatest brilliancy	-8332 Mar 05 j 04:55	23°♑17'02	-3.9m	
	-8332 Mar 10 j 16:09	0°♒		
asc. node	-8332 Mar 29 j 02:22	22°♒37'14		
	-8332 Apr 04 j 02:44	0°♓		
	-8332 Apr 28 j 14:25	0°♈		
	-8332 May 23 j 04:18	0°♉		
	-8332 Jun 16 j 22:24	0°♊		
	-8332 Jul 12 j 01:06	0°♋		
desc. node	-8332 Jul 19 j 17:09	9°♋01'08		
	-8332 Aug 06 j 22:03	0°♌		
evening max el	-8332 Sep 01 j 23:20	28°♌14'52	47°39'10	
	-8332 Sep 03 j 16:43	0°♍		
	-8332 Oct 11 j 23:59	0°♎		
greatest brilliancy	-8332 Oct 12 j 19:39	0°♎19'31	-4.9m	
retrograde	-8332 Oct 23 j 04:41	2°♎24'40		
	-8332 Nov 02 j 22:09	30°℞♍		
evening set	-8332 Nov 06 j 23:17	27°♍57'09		
asc. node	-8332 Nov 08 j 22:42	26°♍47'41		
min. Earth dist.	-8332 Nov 12 j 07:34	24°♍40'59	0.27657 AU	
inferior conj	-8332 Nov 13 j 03:16	24°♍09'27	1°01'03	
minimum elong	-8332 Nov 13 j 01:08	24°♍12'52	1°00'31	
morning rise	-8332 Nov 19 j 03:53	20°♍28'25		
direct	-8332 Dec 03 j 19:23	16°♍09'17		
greatest brilliancy	-8332 Dec 12 j 19:56	17°♍40'54	-4.8m	
	-8331 Jan 02 j 22:39	0°♎		
morning max el	-8331 Jan 21 j 16:55	16°♎27'03	46°00'04	
	-8331 Feb 04 j 07:43	0°♏		
desc. node	-8331 Mar 01 j 15:58	27°♏09'49		
	-8331 Mar 04 j 05:16	0°♐		
	-8331 Mar 30 j 13:29	0°♑		
	-8331 Apr 24 j 23:44	0°♒		
	-8331 May 19 j 18:20	0°♓		
	-8331 Jun 13 j 01:15	0°♈		
asc. node	-8331 Jun 21 j 15:56	10°♈44'56		
	-8331 Jul 06 j 23:56	0°♉		
greatest brilliancy	-8331 Jul 13 j 20:51	8°♉39'38	-3.9m	
morning set	-8331 Jul 17 j 05:20	12°♉53'38		
	-8331 Jul 30 j 17:58	0°♊		
	-8331 Aug 23 j 10:58	0°♋		
superior conj	-8331 Aug 26 j 07:37	3°♋36'58	1°20'09	
minimum elong	-8331 Aug 26 j 13:42	3°♋56'10	1°20'37	
max. Earth dist.	-8331 Aug 30 j 02:22	8°♋23'32	1.70791 AU	
	-8331 Sep 16 j 05:58	0°♌		
evening rise	-8331 Oct 08 j 06:25	27°♌35'18		
	-8331 Oct 10 j 04:48	0°♍		
desc. node	-8331 Oct 12 j 03:01	2°♍24'04		
	-8331 Nov 03 j 08:06	0°♎		
	-8331 Nov 27 j 15:59	0°♏		
	-8331 Dec 22 j 05:33	0°♐		
	-8330 Jan 16 j 04:09	0°♑		
asc. node	-8330 Feb 01 j 04:31	18°♑53'41		
	-8330 Feb 10 j 18:21	0°♒		
	-8330 Mar 09 j 12:36	0°♓		
evening max el	-8330 Apr 06 j 11:07	28°♓40'31	45°30'43	
	-8330 Apr 07 j 20:45	0°♈		
greatest brilliancy	-8330 May 15 j 12:22	26°♈42'11	-4.8m	
desc. node	-8330 May 24 j 22:22	28°♈28'37		
retrograde	-8330 May 25 j 11:32	28°♈28'57		
evening set	-8330 Jun 09 j 09:16	24°♈17'26		
inferior conj	-8330 Jun 15 j 09:31	20°♈51'53	-4°55'19	
minimum elong	-8330 Jun 14 j 23:53	21°♈06'11	4°52'43	
min. Earth dist.	-8330 Jun 15 j 14:09	20°♈44'59	0.27067 AU	
morning rise	-8330 Jun 20 j 14:00	17°♈51'42		
direct	-8330 Jul 06 j 07:08	13°♈08'37		
greatest brilliancy	-8330 Jul 17 j 09:48	15°♈25'29	-4.9m	
	-8330 Aug 08 j 18:01	0°♉		
morning max el	-8330 Aug 25 j 22:46	16°♉14'19	46°46'39	
	-8330 Sep 07 j 22:05	0°♊		
asc. node	-8330 Sep 14 j 03:26	6°♊54'19		
	-8330 Oct 04 j 04:28	0°♋		
	-8330 Oct 29 j 07:53	0°♌		
	-8330 Nov 23 j 03:37	0°♍		
	-8330 Dec 17 j 22:35	0°♎		
desc. node	-8329 Jan 04 j 17:04	21°♎29'28		
	-8329 Jan 11 j 17:48	0°♏		
	-8329 Feb 05 j 11:43	0°♐		
morning set	-8329 Feb 28 j 13:00	28°♐05'27		
	-8329 Mar 02 j 02:29	0°♑		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8329 Mar 26 j 13:18	0°♒	
max. Earth dist.	-8329 Apr 01 j 08:08	7°♒07'33	1.73361 AU
superior conj	-8329 Apr 04 j 23:36	11°♒37'16	-0°47'08
minimum elong	-8329 Apr 05 j 07:03	12°♒00'16	0°47'18
	-8329 Apr 19 j 20:26	0°♓	
asc. node	-8329 Apr 26 j 15:18	8°♓24'19	
evening rise	-8329 May 10 j 10:31	25°♓32'09	
	-8329 May 14 j 00:44	0°♈	
	-8329 Jun 07 j 03:18	0°♉	
	-8329 Jul 01 j 05:43	0°♊	
	-8329 Jul 25 j 10:06	0°♋	
desc. node	-8329 Aug 17 j 04:26	28°♋01'21	
	-8329 Aug 18 j 19:13	0°♌	
	-8329 Sep 12 j 12:58	0°♍	
	-8329 Oct 07 j 22:42	0°♎	
	-8329 Nov 03 j 20:33	0°♏	
evening max el	-8329 Nov 12 j 14:04	9°♏01'33	46°11'31
	-8329 Dec 06 j 02:48	0°♐	
asc. node	-8329 Dec 07 j 09:17	0°♐55'35	
greatest brilliancy	-8329 Dec 21 j 02:48	8°♐45'37	-4.8m
retrograde	-8328 Jan 01 j 08:43	11°♐06'19	
evening set	-8328 Jan 18 j 13:01	5°♐19'02	
inferior conj	-8328 Jan 22 j 17:43	2°♐40'13	7°50'06
minimum elong	-8328 Jan 22 j 13:13	2°♐47'27	7°49'18
min. Earth dist.	-8328 Jan 22 j 13:01	2°♐47'46	0.29475 AU
morning rise	-8328 Jan 26 j 13:38	0°♐15'08	
	-8328 Jan 26 j 23:35	30°℞♏	
direct	-8328 Feb 13 j 11:25	24°♏10'11	
greatest brilliancy	-8328 Feb 22 j 20:43	25°♏46'21	-4.7m
	-8328 Mar 03 j 04:58	0°♐	
desc. node	-8328 Mar 29 j 03:18	19°♐56'28	
morning max el	-8328 Apr 02 j 09:04	23°♐54'20	45°57'33
	-8328 Apr 08 j 15:28	0°♑	
	-8328 May 06 j 22:05	0°♒	
	-8328 Jun 02 j 00:12	0°♓	
	-8328 Jun 26 j 23:26	0°♈	
asc. node	-8328 Jul 19 j 05:10	27°♈26'22	
	-8328 Jul 21 j 06:28	0°♉	
	-8328 Aug 14 j 04:18	0°♊	
	-8328 Sep 06 j 22:34	0°♋	
	-8328 Sep 30 j 17:50	0°♌	
morning set	-8328 Oct 01 j 20:10	1°♌22'45	
	-8328 Oct 24 j 16:48	0°♍	
desc. node	-8328 Nov 08 j 16:14	18°♍38'09	
superior conj	-8328 Nov 13 j 04:12	24°♍13'10	-0°10'14
minimum elong	-8328 Nov 13 j 01:33	24°♍04'57	0°09'59
behind sun begin	-8328 Nov 12 j 04:20	22°♍59'09	
behind sun end	-8328 Nov 13 j 22:46	25°♍10'45	
	-8328 Nov 17 j 20:07	0°♎	
max. Earth dist.	-8328 Nov 18 j 05:23	0°♎28'43	1.72394 AU
	-8328 Dec 12 j 02:55	0°♏	
evening rise	-8328 Dec 23 j 15:09	14°♏10'30	
	-8327 Jan 05 j 12:16	0°♐	
	-8327 Jan 30 j 00:22	0°♑	
	-8327 Feb 23 j 16:49	0°♒	
asc. node	-8327 Feb 28 j 16:09	6°♒00'21	
	-8327 Mar 20 j 16:03	0°♓	
	-8327 Apr 15 j 01:12	0°♈	
	-8327 May 11 j 01:50	0°♉	
	-8327 Jun 07 j 09:49	0°♊	
evening max el	-8327 Jun 19 j 06:43	12°♊09'06	47°11'06
desc. node	-8327 Jun 21 j 08:50	14°♊12'14	
	-8327 Jul 08 j 22:52	0°♋	
greatest brilliancy	-8327 Jul 30 j 14:22	13°♋00'35	-4.9m
retrograde	-8327 Aug 08 j 18:53	14°♋35'54	
evening set	-8327 Aug 26 j 07:18	8°♋42'17	
inferior conj	-8327 Aug 29 j 10:02	6°♋48'51	-8°26'02
minimum elong	-8327 Aug 29 j 17:12	6°♋37'53	8°24'40
min. Earth dist.	-8327 Aug 29 j 04:04	6°♋58'00	0.26579 AU
morning rise	-8327 Sep 02 j 03:13	4°♋34'51	
	-8327 Sep 12 j 15:32	30°℞♊	
direct	-8327 Sep 18 j 15:47	29°♊15'03	
	-8327 Sep 24 j 19:22	0°♋	
greatest brilliancy	-8327 Sep 28 j 15:32	1°♋10'20	-4.9m
asc. node	-8327 Oct 11 j 14:21	8°♋14'05	
	-8327 Nov 05 j 16:04	0°♌	
morning max el	-8327 Nov 07 j 23:22	2°♌18'22	46°29'52
	-8327 Dec 03 j 21:57	0°♍	
	-8327 Dec 30 j 08:59	0°♎	
	-8326 Jan 25 j 04:27	0°♏	
desc. node	-8326 Feb 01 j 05:53	8°♏17'30	
	-8326 Feb 19 j 14:21	0°♐	
	-8326 Mar 16 j 15:32	0°♑	
	-8326 Apr 10 j 08:15	0°♒	
	-8326 May 04 j 17:19	0°♓	
morning set	-8326 May 05 j 21:58	1°♓28'39	
asc. node	-8326 May 24 j 04:38	24°♓12'05	
	-8326 May 28 j 20:04	0°♈	
max. Earth dist.	-8326 Jun 07 j 02:33	11°♈36'12	1.71711 AU
superior conj	-8326 Jun 11 j 06:10	16°♈48'29	0°40'31
minimum elong	-8326 Jun 10 j 22:40	16°♈24'55	0°40'16
	-8326 Jun 21 j 18:16	0°♉	
	-8326 Jul 15 j 14:08	0°♊	
evening rise	-8326 Jul 19 j 01:53	4°♊23'43	
	-8326 Aug 08 j 10:14	0°♋	
	-8326 Sep 01 j 08:58	0°♌	
desc. node	-8326 Sep 13 j 16:25	15°♌20'12	
	-8326 Sep 25 j 12:11	0°♍	
	-8326 Oct 19 j 21:30	0°♎	
	-8326 Nov 13 j 15:55	0°♏	
	-8326 Dec 09 j 02:54	0°♐	
asc. node	-8325 Jan 03 j 19:45	28°♐40'53	
	-8325 Jan 05 j 01:26	0°♑	
evening max el	-8325 Jan 22 j 07:40	17°♑30'25	44°59'44
	-8325 Feb 05 j 07:02	0°♒	
greatest brilliancy	-8325 Feb 28 j 22:28	14°♒38'51	-4.7m
retrograde	-8325 Mar 11 j 07:29	16°♒34'02	
evening set	-8325 Mar 27 j 12:42	11°♒39'44	
inferior conj	-8325 Apr 01 j 17:26	8°♒33'29	5°13'56
minimum elong	-8325 Apr 02 j 02:13	8°♒19'53	5°11'35
min. Earth dist.	-8325 Apr 02 j 21:29	7°♒50'06	0.28888 AU
morning rise	-8325 Apr 07 j 14:56	5°♒01'15	
direct	-8325 Apr 23 j 13:50	0°♒12'38	
desc. node	-8325 Apr 26 j 14:04	0°♒22'51	
greatest brilliancy	-8325 May 04 j 22:44	2°♒30'06	-4.8m
	-8325 Jun 10 j 23:46	0°♓	
morning max el	-8325 Jun 12 j 07:27	1°♓17'32	46°24'05
	-8325 Jul 09 j 07:09	0°♈	
	-8325 Aug 04 j 00:58	0°♉	
asc. node	-8325 Aug 16 j 17:42	15°♉20'47	
	-8325 Aug 28 j 16:32	0°♊	
	-8325 Sep 21 j 20:38	0°♋	
	-8325 Oct 15 j 22:00	0°♌	
	-8325 Nov 09 j 01:31	0°♍	
	-8325 Dec 03 j 08:47	0°♎	
desc. node	-8325 Dec 07 j 05:48	4°♎46'07	
morning set	-8325 Dec 18 j 06:16	18°♎18'41	
	-8325 Dec 27 j 18:52	0°♏	
	-8324 Jan 21 j 05:56	0°♐	
max. Earth dist.	-8324 Jan 25 j 12:31	5°♐14'32	1.73695 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

superior conj	-8324 Jan 26 j 00:32	5°♐51'20	-1°20'10
minimum elong	-8324 Jan 25 j 21:15	5°♐41'17	1°20'37
	-8324 Feb 14 j 16:45	0°♑	
evening rise	-8324 Mar 02 j 05:50	20°♑18'46	
greatest brilliancy	-8324 Mar 03 j 16:16	22°♑04'26	-3.9m
	-8324 Mar 10 j 03:12	0°♒	
asc. node	-8324 Mar 28 j 04:28	22°♒09'24	
	-8324 Apr 03 j 13:59	0°♓	
	-8324 Apr 28 j 02:04	0°♈	
	-8324 May 22 j 16:32	0°♉	
	-8324 Jun 16 j 11:30	0°♊	
	-8324 Jul 11 j 15:33	0°♋	
desc. node	-8324 Jul 18 j 19:16	8°♋23'33	
	-8324 Aug 06 j 14:58	0°♌	
evening max el	-8324 Aug 30 j 13:53	25°♌52'20	47°40'48
	-8324 Sep 03 j 16:14	0°♍	
greatest brilliancy	-8324 Oct 10 j 12:36	28°♍00'23	-4.9m
	-8324 Oct 18 j 21:56	0°♎	
retrograde	-8324 Oct 20 j 20:13	0°♎04'37	
	-8324 Oct 22 j 18:07	30°℞♍	
evening set	-8324 Nov 04 j 14:48	25°♍36'47	
asc. node	-8324 Nov 08 j 01:01	23°♍33'56	
min. Earth dist.	-8324 Nov 09 j 23:13	22°♍20'52	0.27589 AU
inferior conj	-8324 Nov 10 j 18:26	21°♍50'12	0°39'52
minimum elong	-8324 Nov 10 j 17:02	21°♍52'27	0°39'35
morning rise	-8324 Nov 16 j 20:07	18°♍08'09	
direct	-8324 Dec 01 j 09:18	13°♍51'02	
greatest brilliancy	-8324 Dec 10 j 11:15	15°♍24'03	-4.8m
	-8323 Jan 03 j 09:34	0°♎	
morning max el	-8323 Jan 19 j 08:19	14°♎14'13	46°00'48
	-8323 Feb 04 j 02:11	0°♏	
desc. node	-8323 Feb 28 j 18:05	26°♏34'41	
	-8323 Mar 03 j 19:47	0°♐	
	-8323 Mar 30 j 02:18	0°♑	
	-8323 Apr 24 j 11:43	0°♒	
	-8323 May 19 j 05:51	0°♓	
	-8323 Jun 12 j 12:31	0°♈	
asc. node	-8323 Jun 20 j 18:07	10°♈16'40	
	-8323 Jul 06 j 11:06	0°♉	
greatest brilliancy	-8323 Jul 12 j 23:52	8°♉14'00	-3.9m
morning set	-8323 Jul 14 j 18:27	10°♉28'20	
	-8323 Jul 30 j 05:08	0°♊	
	-8323 Aug 22 j 22:10	0°♋	
superior conj	-8323 Aug 23 j 17:19	1°♋00'31	1°21'08
minimum elong	-8323 Aug 23 j 22:24	1°♋16'36	1°21'37
max. Earth dist.	-8323 Aug 27 j 06:23	5°♋29'16	1.70775 AU
	-8323 Sep 15 j 17:12	0°♌	
evening rise	-8323 Oct 05 j 14:03	24°♌54'06	
	-8323 Oct 09 j 16:04	0°♍	
desc. node	-8323 Oct 11 j 05:09	1°♍55'38	
	-8323 Nov 02 j 19:24	0°♎	
	-8323 Nov 27 j 03:24	0°♏	
	-8323 Dec 21 j 17:13	0°♐	
	-8322 Jan 15 j 16:24	0°♑	
asc. node	-8322 Jan 31 j 06:38	18°♑22'07	
	-8322 Feb 10 j 07:54	0°♒	
	-8322 Mar 09 j 05:01	0°♓	
evening max el	-8322 Apr 04 j 02:03	26°♓25'42	45°27'55
	-8322 Apr 07 j 21:46	0°♈	
greatest brilliancy	-8322 May 12 j 23:30	24°♈18'28	-4.8m
retrograde	-8322 May 23 j 00:19	26°♈05'59	
desc. node	-8322 May 24 j 00:42	26°♈04'47	
evening set	-8322 Jun 06 j 19:39	21°♈57'24	
inferior conj	-8322 Jun 12 j 22:05	18°♈28'38	-4°35'31
minimum elong	-8322 Jun 12 j 12:54	18°♈42'18	4°33'00
min. Earth dist.	-8322 Jun 13 j 03:25	18°♈20'42	0.27108 AU
morning rise	-8322 Jun 18 j 05:40	15°♈24'14	
direct	-8322 Jul 03 j 21:14	10°♈44'35	
greatest brilliancy	-8322 Jul 14 j 23:32	13°♈01'18	-4.9m
	-8322 Aug 09 j 02:29	0°♉	
morning max el	-8322 Aug 23 j 12:45	13°♉49'35	46°46'28
	-8322 Sep 07 j 16:49	0°♊	
asc. node	-8322 Sep 13 j 05:39	6°♊11'06	
	-8322 Oct 03 j 19:32	0°♋	
	-8322 Oct 28 j 21:18	0°♌	
	-8322 Nov 22 j 16:04	0°♍	
	-8322 Dec 17 j 10:24	0°♎	
desc. node	-8321 Jan 03 j 19:05	21°♎00'49	
	-8321 Jan 11 j 05:10	0°♏	
	-8321 Feb 04 j 22:44	0°♐	
morning set	-8321 Feb 26 j 07:46	26°♐03'06	
	-8321 Mar 01 j 13:17	0°♑	
	-8321 Mar 26 j 00:01	0°♒	
max. Earth dist.	-8321 Mar 30 j 06:15	5°♒14'45	1.73401 AU
superior conj	-8321 Apr 02 j 19:14	9°♒36'40	-0°49'31
minimum elong	-8321 Apr 03 j 02:50	10°♒00'09	0°49'41
	-8321 Apr 19 j 07:13	0°♓	
asc. node	-8321 Apr 25 j 17:33	7°♓57'48	
evening rise	-8321 May 08 j 05:34	23°♓28'16	
	-8321 May 13 j 11:42	0°♈	
	-8321 Jun 06 j 14:33	0°♉	
	-8321 Jun 30 j 17:17	0°♊	
	-8321 Jul 24 j 22:04	0°♋	
desc. node	-8321 Aug 16 j 06:33	27°♋29'42	
	-8321 Aug 18 j 07:44	0°♌	
	-8321 Sep 12 j 02:20	0°♍	
	-8321 Oct 07 j 13:41	0°♎	
	-8321 Nov 03 j 15:33	0°♏	
evening max el	-8321 Nov 10 j 06:42	6°♏49'21	46°15'02
asc. node	-8321 Dec 06 j 11:33	29°♏45'01	
	-8321 Dec 06 j 20:13	0°♐	
greatest brilliancy	-8321 Dec 18 j 20:49	6°♐38'55	-4.8m
retrograde	-8321 Dec 30 j 02:26	8°♐59'12	
evening set	-8320 Jan 16 j 04:38	3°♐15'03	
inferior conj	-8320 Jan 20 j 11:11	0°♐33'01	7°45'20
minimum elong	-8320 Jan 20 j 06:09	0°♐41'08	7°44'28
min. Earth dist.	-8320 Jan 20 j 05:04	0°♐42'52	0.29438 AU
	-8320 Jan 21 j 07:44	30°℞♏	
morning rise	-8320 Jan 24 j 07:55	28°♏06'23	
direct	-8320 Feb 11 j 04:35	22°♏03'48	
greatest brilliancy	-8320 Feb 20 j 11:31	23°♏38'03	-4.7m
	-8320 Mar 04 j 09:56	0°♐	
desc. node	-8320 Mar 28 j 05:29	19°♐07'02	
morning max el	-8320 Mar 31 j 01:02	21°♐45'47	45°56'59
	-8320 Apr 08 j 11:04	0°♑	
	-8320 May 06 j 12:50	0°♒	
	-8320 Jun 01 j 13:10	0°♓	
	-8320 Jun 26 j 11:33	0°♈	
asc. node	-8320 Jul 18 j 07:12	26°♈56'11	
	-8320 Jul 20 j 18:11	0°♉	
	-8320 Aug 13 j 15:46	0°♊	
	-8320 Sep 06 j 09:53	0°♋	
morning set	-8320 Sep 29 j 05:43	28°♋46'45	
	-8320 Sep 30 j 05:02	0°♌	
	-8320 Oct 24 j 03:54	0°♍	
desc. node	-8320 Nov 07 j 18:26	18°♍10'44	
superior conj	-8320 Nov 10 j 14:17	21°♍41'19	-0°06'28
minimum elong	-8320 Nov 10 j 12:37	21°♍36'08	0°06'15
behind sun begin	-8320 Nov 09 j 11:44	20°♍18'56	
behind sun end	-8320 Nov 11 j 13:29	22°♍53'19	
max. Earth dist.	-8320 Nov 15 j 22:46	28°♍19'42	1.72327 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8320 Nov 17 j 07:08	0°♎	
	-8320 Dec 11 j 13:52	0°♏	
evening rise	-8320 Dec 21 j 05:45	11°♏54'03	
	-8319 Jan 04 j 23:13	0°♐	
	-8319 Jan 29 j 11:27	0°♑	
	-8319 Feb 23 j 04:15	0°♒	
asc. node	-8319 Feb 27 j 18:22	5°♒32'14	
	-8319 Mar 20 j 04:10	0°♓	
	-8319 Apr 14 j 14:29	0°♈	
	-8319 May 10 j 17:16	0°♉	
	-8319 Jun 07 j 06:02	0°♊	
evening max el	-8319 Jun 16 j 19:11	9°♊42'07	47°07'37
desc. node	-8319 Jun 20 j 10:53	13°♊16'13	
	-8319 Jul 09 j 15:43	0°♋	
greatest brilliancy	-8319 Jul 28 j 03:06	10°♋30'34	-4.9m
retrograde	-8319 Aug 06 j 06:15	12°♋04'41	
evening set	-8319 Aug 23 j 21:44	6°♋08'32	
inferior conj	-8319 Aug 26 j 22:06	4°♋18'44	-8°33'53
minimum elong	-8319 Aug 27 j 04:31	4°♋08'54	8°32'43
min. Earth dist.	-8319 Aug 26 j 16:39	4°♋27'04	0.26576 AU
morning rise	-8319 Aug 30 j 11:22	2°♋10'20	
	-8319 Sep 03 j 11:40	30°℞♊	
direct	-8319 Sep 16 j 03:31	26°♊45'12	
greatest brilliancy	-8319 Sep 26 j 04:55	28°♊41'24	-4.9m
	-8319 Sep 29 j 08:08	0°♋	
asc. node	-8319 Oct 10 j 16:39	6°♋51'33	
morning max el	-8319 Nov 05 j 11:23	29°♋49'14	46°31'02
	-8319 Nov 05 j 15:39	0°♌	
	-8319 Dec 03 j 14:34	0°♍	
	-8319 Dec 29 j 22:57	0°♎	
	-8318 Jan 24 j 17:02	0°♏	
desc. node	-8318 Jan 31 j 07:57	7°♏47'20	
	-8318 Feb 19 j 02:05	0°♐	
	-8318 Mar 16 j 02:46	0°♑	
	-8318 Apr 09 j 19:12	0°♒	
morning set	-8318 May 03 j 16:51	29°♒25'02	
	-8318 May 04 j 04:09	0°♓	
asc. node	-8318 May 23 j 06:51	23°♓45'17	
	-8318 May 28 j 06:53	0°♈	
max. Earth dist.	-8318 Jun 04 j 19:09	9°♈23'53	1.71777 AU
superior conj	-8318 Jun 08 j 23:03	14°♈36'53	0°37'37
minimum elong	-8318 Jun 08 j 15:58	14°♈14'41	0°37'24
	-8318 Jun 21 j 05:10	0°♉	
	-8318 Jul 15 j 01:12	0°♊	
evening rise	-8318 Jul 16 j 15:14	1°♊59'44	
	-8318 Aug 07 j 21:30	0°♋	
	-8318 Aug 31 j 20:28	0°♌	
desc. node	-8318 Sep 12 j 18:35	14°♌50'54	
	-8318 Sep 24 j 23:56	0°♍	
	-8318 Oct 19 j 09:35	0°♎	
	-8318 Nov 13 j 04:37	0°♏	
	-8318 Dec 08 j 16:57	0°♐	
asc. node	-8317 Jan 02 j 21:51	28°♐00'51	
	-8317 Jan 04 j 18:52	0°♑	
evening max el	-8317 Jan 19 j 22:17	15°♑17'26	45°00'50
	-8317 Feb 05 j 15:09	0°♒	
greatest brilliancy	-8317 Feb 26 j 13:26	12°♒30'05	-4.7m
retrograde	-8317 Mar 08 j 23:40	14°♒26'41	
evening set	-8317 Mar 25 j 07:13	9°♒27'52	
inferior conj	-8317 Mar 30 j 09:39	6°♒24'48	5°28'06
minimum elong	-8317 Mar 30 j 18:33	6°♒11'03	5°25'47
min. Earth dist.	-8317 Mar 31 j 13:39	5°♒41'31	0.28949 AU
morning rise	-8317 Apr 05 j 05:06	2°♒55'22	
	-8317 Apr 11 j 06:33	30°℞♑	
direct	-8317 Apr 21 j 06:05	28°♑02'38	
desc. node	-8317 Apr 25 j 16:20	28°♑24'38	
	-8317 May 01 j 17:17	0°♒	
greatest brilliancy	-8317 May 02 j 14:59	0°♒20'07	-4.8m
morning max el	-8317 Jun 09 j 23:45	29°♒05'13	46°23'08
	-8317 Jun 10 j 21:59	0°♓	
	-8317 Jul 08 j 23:01	0°♈	
	-8317 Aug 03 j 14:37	0°♉	
asc. node	-8317 Aug 15 j 19:58	14°♉47'51	
	-8317 Aug 28 j 05:09	0°♊	
	-8317 Sep 21 j 08:44	0°♋	
	-8317 Oct 15 j 09:45	0°♌	
	-8317 Nov 08 j 13:01	0°♍	
	-8317 Dec 02 j 20:01	0°♎	
desc. node	-8317 Dec 06 j 07:48	4°♎17'48	
morning set	-8317 Dec 15 j 19:15	15°♎56'56	
	-8317 Dec 27 j 05:53	0°♏	
	-8316 Jan 20 j 16:49	0°♐	
superior conj	-8316 Jan 23 j 17:32	3°♐42'59	-1°19'32
minimum elong	-8316 Jan 23 j 13:37	3°♐30'58	1°19'58
max. Earth dist.	-8316 Jan 23 j 08:00	3°♐13'45	1.73675 AU
	-8316 Feb 14 j 03:36	0°♑	
evening rise	-8316 Feb 29 j 00:56	18°♑16'40	
greatest brilliancy	-8316 Mar 02 j 06:28	21°♑00'55	-3.9m
	-8316 Mar 09 j 14:08	0°♒	
asc. node	-8316 Mar 27 j 06:45	21°♒42'22	
	-8316 Apr 03 j 01:10	0°♓	
	-8316 Apr 27 j 13:38	0°♈	
	-8316 May 22 j 04:42	0°♉	
	-8316 Jun 16 j 00:33	0°♊	
	-8316 Jul 11 j 05:58	0°♋	
desc. node	-8316 Jul 17 j 21:26	7°♋46'23	
	-8316 Aug 06 j 08:01	0°♌	
evening max el	-8316 Aug 28 j 05:22	23°♌32'34	47°42'07
	-8316 Sep 03 j 16:40	0°♍	
greatest brilliancy	-8316 Oct 08 j 04:50	25°♍40'03	-4.9m
retrograde	-8316 Oct 18 j 12:01	27°♍43'53	
evening set	-8316 Nov 02 j 06:20	23°♍15'26	
asc. node	-8316 Nov 07 j 03:17	20°♍18'01	
min. Earth dist.	-8316 Nov 07 j 14:30	20°♍00'13	0.27528 AU
inferior conj	-8316 Nov 08 j 09:25	19°♍30'05	0°18'26
minimum elong	-8316 Nov 08 j 08:46	19°♍31'08	0°18'24
morning rise	-8316 Nov 14 j 12:05	15°♍47'19	
direct	-8316 Nov 28 j 23:34	11°♍31'55	
greatest brilliancy	-8316 Dec 08 j 02:08	13°♍05'53	-4.8m
	-8315 Jan 03 j 17:52	0°♎	
morning max el	-8315 Jan 17 j 00:32	12°♎02'49	46°01'34
	-8315 Feb 03 j 20:21	0°♏	
desc. node	-8315 Feb 27 j 20:20	25°♏59'57	
	-8315 Mar 03 j 10:13	0°♐	
	-8315 Mar 29 j 15:05	0°♑	
	-8315 Apr 23 j 23:38	0°♒	
	-8315 May 18 j 17:19	0°♓	
	-8315 Jun 11 j 23:46	0°♈	
asc. node	-8315 Jun 19 j 20:07	9°♈47'50	
	-8315 Jul 05 j 22:16	0°♉	
greatest brilliancy	-8315 Jul 12 j 03:41	7°♉50'49	-3.9m
morning set	-8315 Jul 12 j 08:11	8°♉05'00	
	-8315 Jul 29 j 16:19	0°♊	
superior conj	-8315 Aug 21 j 03:43	28°♊26'18	1°21'55
minimum elong	-8315 Aug 21 j 07:48	28°♊39'11	1°22'26
	-8315 Aug 22 j 09:22	0°♋	
max. Earth dist.	-8315 Aug 24 j 13:05	2°♋43'25	1.70758 AU
	-8315 Sep 15 j 04:26	0°♌	
evening rise	-8315 Oct 02 j 21:58	22°♌13'41	
	-8315 Oct 09 j 03:21	0°♍	
desc. node	-8315 Oct 10 j 07:21	1°♍27'17	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8315 Nov 02 j 06:47	0°♎	
	-8315 Nov 26 j 14:56	0°♏	
	-8315 Dec 21 j 05:04	0°♐	
	-8314 Jan 15 j 04:54	0°♑	
asc. node	-8314 Jan 30 j 08:54	17°♑50'16	
	-8314 Feb 09 j 21:44	0°♒	
	-8314 Mar 08 j 21:55	0°♓	
evening max el	-8314 Apr 01 j 17:09	24°♓11'04	45°25'17
	-8314 Apr 08 j 00:15	0°♈	
greatest brilliancy	-8314 May 10 j 11:24	21°♈55'56	-4.8m
retrograde	-8314 May 20 j 12:48	23°♈43'27	
desc. node	-8314 May 23 j 02:48	23°♈35'46	
evening set	-8314 Jun 04 j 06:32	19°♈37'41	
inferior conj	-8314 Jun 10 j 10:54	16°♈05'56	-4°15'25
minimum elong	-8314 Jun 10 j 02:12	16°♈18'55	4°13'01
min. Earth dist.	-8314 Jun 10 j 17:09	15°♈56'37	0.27150 AU
morning rise	-8314 Jun 15 j 21:23	12°♈57'18	
direct	-8314 Jul 01 j 11:25	8°♈21'05	
greatest brilliancy	-8314 Jul 12 j 13:34	10°♈37'29	-4.9m
	-8314 Aug 09 j 08:42	0°♉	
morning max el	-8314 Aug 21 j 02:07	11°♉23'06	46°46'18
	-8314 Sep 07 j 11:11	0°♊	
asc. node	-8314 Sep 12 j 07:53	5°♊28'04	
	-8314 Oct 03 j 10:31	0°♋	
	-8314 Oct 28 j 10:43	0°♌	
	-8314 Nov 22 j 04:36	0°♍	
	-8314 Dec 16 j 22:21	0°♎	
desc. node	-8313 Jan 02 j 21:10	20°♎31'51	
	-8313 Jan 10 j 16:43	0°♏	
	-8313 Feb 04 j 09:59	0°♐	
morning set	-8313 Feb 24 j 02:15	23°♐59'10	
	-8313 Mar 01 j 00:19	0°♑	
	-8313 Mar 25 j 10:58	0°♒	
max. Earth dist.	-8313 Mar 28 j 02:26	3°♒15'19	1.73435 AU
superior conj	-8313 Mar 31 j 14:43	7°♒34'57	-0°51'49
minimum elong	-8313 Mar 31 j 22:27	7°♒58'49	0°52'00
	-8313 Apr 18 j 18:13	0°♓	
asc. node	-8313 Apr 24 j 19:40	7°♓30'11	
evening rise	-8313 May 06 j 00:34	21°♓23'44	
	-8313 May 12 j 22:52	0°♈	
	-8313 Jun 06 j 01:59	0°♉	
	-8313 Jun 30 j 05:05	0°♊	
	-8313 Jul 24 j 10:17	0°♋	
desc. node	-8313 Aug 15 j 08:48	26°♋57'42	
	-8313 Aug 17 j 20:31	0°♌	
	-8313 Sep 11 j 16:00	0°♍	
	-8313 Oct 07 j 05:03	0°♎	
	-8313 Nov 03 j 11:18	0°♏	
evening max el	-8313 Nov 07 j 22:32	4°♏34'20	46°18'29
asc. node	-8313 Dec 05 j 13:39	28°♏31'28	
	-8313 Dec 07 j 20:26	0°♐	
greatest brilliancy	-8313 Dec 16 j 15:01	4°♐31'33	-4.8m
retrograde	-8313 Dec 27 j 19:37	6°♐51'14	
evening set	-8312 Jan 13 j 20:04	1°♐10'23	
	-8312 Jan 15 j 17:24	30°℞♏	
inferior conj	-8312 Jan 18 j 04:39	28°♏25'00	7°39'55
minimum elong	-8312 Jan 17 j 23:06	28°♏33'59	7°38'59
min. Earth dist.	-8312 Jan 17 j 21:27	28°♏36'38	0.29402 AU
morning rise	-8312 Jan 22 j 02:22	25°♏56'33	
direct	-8312 Feb 08 j 21:22	19°♏56'28	
greatest brilliancy	-8312 Feb 18 j 03:03	21°♏29'26	-4.7m
	-8312 Mar 05 j 07:32	0°♐	
desc. node	-8312 Mar 27 j 07:42	18°♐17'24	
morning max el	-8312 Mar 28 j 16:24	19°♐34'40	45°56'27
	-8312 Apr 08 j 06:31	0°♑	
	-8312 May 06 j 03:47	0°♒	
	-8312 Jun 01 j 02:22	0°♓	
	-8312 Jun 25 j 23:55	0°♈	
asc. node	-8312 Jul 17 j 09:27	26°♈25'57	
	-8312 Jul 20 j 06:06	0°♉	
	-8312 Aug 13 j 03:27	0°♊	
	-8312 Sep 05 j 21:27	0°♋	
morning set	-8312 Sep 26 j 15:14	26°♋09'36	
	-8312 Sep 29 j 16:31	0°♌	
	-8312 Oct 23 j 15:19	0°♍	
desc. node	-8312 Nov 06 j 20:26	17°♍41'44	
superior conj	-8312 Nov 08 j 00:19	19°♍08'19	-0°02'41
minimum elong	-8312 Nov 07 j 23:39	19°♍06'15	0°02'28
behind sun begin	-8312 Nov 06 j 21:07	17°♍43'52	
behind sun end	-8312 Nov 09 j 02:11	20°♍28'38	
max. Earth dist.	-8312 Nov 13 j 14:16	26°♍03'52	1.72256 AU
	-8312 Nov 16 j 18:27	0°♎	
	-8312 Dec 11 j 01:07	0°♏	
evening rise	-8312 Dec 18 j 20:13	9°♏36'12	
	-8311 Jan 04 j 10:28	0°♐	
	-8311 Jan 28 j 22:53	0°♑	
	-8311 Feb 22 j 16:04	0°♒	
asc. node	-8311 Feb 26 j 20:37	5°♒03'09	
	-8311 Mar 19 j 16:43	0°♓	
	-8311 Apr 14 j 04:16	0°♈	
	-8311 May 10 j 09:20	0°♉	
	-8311 Jun 07 j 03:19	0°♊	
evening max el	-8311 Jun 14 j 07:01	7°♊12'50	47°04'19
desc. node	-8311 Jun 19 j 13:05	12°♊18'24	
	-8311 Jul 10 j 14:38	0°♋	
greatest brilliancy	-8311 Jul 25 j 15:50	7°♋59'57	-4.9m
retrograde	-8311 Aug 03 j 17:41	9°♋33'14	
evening set	-8311 Aug 21 j 11:52	3°♋34'41	
inferior conj	-8311 Aug 24 j 10:15	1°♋48'09	-8°40'41
minimum elong	-8311 Aug 24 j 15:51	1°♋39'34	8°39'40
min. Earth dist.	-8311 Aug 24 j 05:19	1°♋55'41	0.26576 AU
	-8311 Aug 27 j 09:48	30°℞♊	
morning rise	-8311 Aug 27 j 19:51	29°♊45'13	
direct	-8311 Sep 13 j 15:13	24°♊14'35	
greatest brilliancy	-8311 Sep 23 j 18:43	26°♊12'20	-4.9m
	-8311 Oct 01 j 14:39	0°♋	
asc. node	-8311 Oct 09 j 18:55	5°♋30'51	
morning max el	-8311 Nov 02 j 23:59	27°♋20'32	46°32'10
	-8311 Nov 05 j 14:35	0°♌	
	-8311 Dec 03 j 07:14	0°♍	
	-8311 Dec 29 j 13:07	0°♎	
	-8310 Jan 24 j 05:50	0°♏	
desc. node	-8310 Jan 30 j 10:12	7°♏16'51	
	-8310 Feb 18 j 14:06	0°♐	
	-8310 Mar 15 j 14:18	0°♑	
	-8310 Apr 09 j 06:29	0°♒	
morning set	-8310 May 01 j 11:40	27°♒20'08	
	-8310 May 03 j 15:20	0°♓	
asc. node	-8310 May 22 j 08:54	23°♓16'51	
	-8310 May 27 j 18:05	0°♈	
max. Earth dist.	-8310 Jun 02 j 12:08	7°♈11'40	1.71841 AU
superior conj	-8310 Jun 06 j 15:49	12°♈23'50	0°34'41
minimum elong	-8310 Jun 06 j 09:13	12°♈03'09	0°34'27
	-8310 Jun 20 j 16:26	0°♉	
evening rise	-8310 Jul 14 j 04:38	29°♉34'58	
	-8310 Jul 14 j 12:36	0°♊	
	-8310 Aug 07 j 09:05	0°♋	
	-8310 Aug 31 j 08:16	0°♌	
desc. node	-8310 Sep 11 j 20:45	14°♌20'39	
	-8310 Sep 24 j 11:59	0°♍	
	-8310 Oct 18 j 22:01	0°♎	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8310 Nov 12 j 17:43	0°♏	
	-8310 Dec 08 j 07:28	0°♐	
asc. node	-8309 Jan 02 j 00:15	27°♐20'06	
	-8309 Jan 04 j 13:04	0°♑	
evening max el	-8309 Jan 17 j 13:41	13°♑05'30	45°02'05
	-8309 Feb 06 j 02:40	0°♒	
greatest brilliancy	-8309 Feb 24 j 03:54	10°♒20'08	-4.7m
retrograde	-8309 Mar 06 j 16:10	12°♒18'35	
evening set	-8309 Mar 23 j 01:46	7°♒15'23	
inferior conj	-8309 Mar 28 j 01:53	4°♒15'18	5°41'36
minimum elong	-8309 Mar 28 j 10:49	4°♒01'30	5°39'21
min. Earth dist.	-8309 Mar 29 j 05:21	3°♒32'51	0.29011 AU
morning rise	-8309 Apr 02 j 19:11	0°♒48'55	
	-8309 Apr 04 j 06:54	30°℞♑	
direct	-8309 Apr 18 j 22:57	25°♑52'01	
desc. node	-8309 Apr 24 j 18:26	26°♑29'47	
greatest brilliancy	-8309 Apr 30 j 06:41	28°♑08'52	-4.7m
	-8309 May 04 j 11:41	0°♒	
morning max el	-8309 Jun 07 j 16:39	26°♒53'30	46°21'59
	-8309 Jun 10 j 19:48	0°♓	
	-8309 Jul 08 j 15:02	0°♈	
	-8309 Aug 03 j 04:32	0°♉	
asc. node	-8309 Aug 14 j 22:12	14°♉13'51	
	-8309 Aug 27 j 18:03	0°♊	
	-8309 Sep 20 j 21:04	0°♋	
	-8309 Oct 14 j 21:43	0°♌	
	-8309 Nov 08 j 00:42	0°♍	
	-8309 Dec 02 j 07:29	0°♎	
desc. node	-8309 Dec 05 j 09:54	3°♎49'03	
morning set	-8309 Dec 13 j 08:04	13°♎33'53	
	-8309 Dec 26 j 17:10	0°♏	
	-8308 Jan 20 j 03:59	0°♐	
superior conj	-8308 Jan 21 j 10:26	1°♐33'24	-1°18'48
minimum elong	-8308 Jan 21 j 05:52	1°♐19'24	1°19'11
max. Earth dist.	-8308 Jan 21 j 04:35	1°♐15'29	1.73653 AU
	-8308 Feb 13 j 14:42	0°♑	
evening rise	-8308 Feb 26 j 20:04	16°♑14'00	
greatest brilliancy	-8308 Feb 29 j 23:12	20°♑04'31	-3.9m
	-8308 Mar 09 j 01:19	0°♒	
asc. node	-8308 Mar 26 j 08:54	21°♒14'19	
	-8308 Apr 02 j 12:34	0°♓	
	-8308 Apr 27 j 01:27	0°♈	
	-8308 May 21 j 17:10	0°♉	
	-8308 Jun 15 j 13:58	0°♊	
	-8308 Jul 10 j 20:52	0°♋	
desc. node	-8308 Jul 16 j 23:43	7°♋08'14	
	-8308 Aug 06 j 01:45	0°♌	
evening max el	-8308 Aug 25 j 21:41	21°♌14'02	47°43'26
	-8308 Sep 03 j 18:42	0°♍	
greatest brilliancy	-8308 Oct 05 j 20:46	23°♍18'28	-4.9m
retrograde	-8308 Oct 16 j 03:54	25°♍21'51	
evening set	-8308 Oct 30 j 21:58	20°♍52'52	
min. Earth dist.	-8308 Nov 05 j 05:27	17°♍38'40	0.27464 AU
inferior conj	-8308 Nov 06 j 00:16	17°♍08'47	-0°03'10
minimum elong	-8308 Nov 06 j 00:22	17°♍08'37	0°02'57
transit middle	-8308 Nov 06 j 00:22	17°♍08'37	0°02'57
transit begin	-8308 Nov 05 j 20:25	17°♍14'54	
transit end	-8308 Nov 06 j 04:19	17°♍02'20	
asc. node	-8308 Nov 06 j 05:25	17°♍00'35	
morning rise	-8308 Nov 12 j 03:45	13°♍25'30	
direct	-8308 Nov 26 j 14:06	9°♍11'53	
greatest brilliancy	-8308 Dec 05 j 16:30	10°♍46'15	-4.8m
	-8307 Jan 04 j 00:04	0°♎	
morning max el	-8307 Jan 14 j 16:38	9°♎50'32	46°02'13
	-8307 Feb 03 j 14:18	0°♏	
desc. node	-8307 Feb 26 j 22:26	25°♏24'34	
	-8307 Mar 03 j 00:39	0°♐	
	-8307 Mar 29 j 03:57	0°♑	
	-8307 Apr 23 j 11:39	0°♒	
	-8307 May 18 j 04:52	0°♓	
	-8307 Jun 11 j 11:06	0°♈	
asc. node	-8307 Jun 18 j 22:25	9°♈19'37	
	-8307 Jul 05 j 09:33	0°♉	
morning set	-8307 Jul 09 j 21:57	5°♉41'32	
	-8307 Jul 29 j 03:38	0°♊	
superior conj	-8307 Aug 18 j 14:02	25°♊51'15	1°22'31
minimum elong	-8307 Aug 18 j 17:05	26°♊00'53	1°23'03
max. Earth dist.	-8307 Aug 21 j 16:28	29°♊46'29	1.70746 AU
	-8307 Aug 21 j 20:44	0°♋	
	-8307 Sep 14 j 15:50	0°♌	
evening rise	-8307 Sep 30 j 05:17	19°♌30'41	
	-8307 Oct 08 j 14:48	0°♍	
desc. node	-8307 Oct 09 j 09:23	0°♍57'56	
	-8307 Nov 01 j 18:18	0°♎	
	-8307 Nov 26 j 02:35	0°♏	
	-8307 Dec 20 j 17:02	0°♐	
	-8306 Jan 14 j 17:33	0°♑	
asc. node	-8306 Jan 29 j 11:10	17°♑18'00	
	-8306 Feb 09 j 11:48	0°♒	
	-8306 Mar 08 j 15:13	0°♓	
evening max el	-8306 Mar 30 j 07:41	21°♓55'05	45°22'45
	-8306 Apr 08 j 04:18	0°♈	
greatest brilliancy	-8306 May 08 j 00:01	19°♈34'45	-4.8m
retrograde	-8306 May 18 j 00:58	21°♈21'46	
desc. node	-8306 May 22 j 04:59	21°♈01'46	
evening set	-8306 Jun 01 j 17:48	17°♈18'26	
inferior conj	-8306 Jun 07 j 23:55	13°♈44'13	-3°55'09
minimum elong	-8306 Jun 07 j 15:45	13°♈56'25	3°52'50
min. Earth dist.	-8306 Jun 08 j 07:23	13°♈33'02	0.27193 AU
morning rise	-8306 Jun 13 j 13:06	10°♈31'25	
direct	-8306 Jun 29 j 01:14	5°♈58'27	
greatest brilliancy	-8306 Jul 10 j 04:14	8°♈15'02	-4.9m
	-8306 Aug 09 j 12:53	0°♉	
morning max el	-8306 Aug 18 j 14:28	8°♉54'07	46°45'55
	-8306 Sep 07 j 05:09	0°♊	
asc. node	-8306 Sep 11 j 10:05	4°♊45'25	
	-8306 Oct 03 j 01:22	0°♋	
	-8306 Oct 28 j 00:06	0°♌	
	-8306 Nov 21 j 17:07	0°♍	
	-8306 Dec 16 j 10:17	0°♎	
desc. node	-8305 Jan 01 j 23:26	20°♎03'32	
	-8305 Jan 10 j 04:12	0°♏	
	-8305 Feb 03 j 21:09	0°♐	
morning set	-8305 Feb 21 j 20:32	21°♐54'48	
	-8305 Feb 28 j 11:18	0°♑	
	-8305 Mar 24 j 21:53	0°♒	
max. Earth dist.	-8305 Mar 25 j 21:20	1°♒12'09	1.73470 AU
superior conj	-8305 Mar 29 j 10:16	5°♒33'41	-0°54'03
minimum elong	-8305 Mar 29 j 18:07	5°♒57'51	0°54'16
	-8305 Apr 18 j 05:11	0°♓	
asc. node	-8305 Apr 23 j 21:48	7°♓02'47	
evening rise	-8305 May 03 j 19:45	19°♓20'04	
	-8305 May 12 j 09:59	0°♈	
	-8305 Jun 05 j 13:20	0°♉	
	-8305 Jun 29 j 16:44	0°♊	
	-8305 Jul 23 j 22:23	0°♋	
desc. node	-8305 Aug 14 j 10:55	26°♋25'33	
	-8305 Aug 17 j 09:14	0°♌	
	-8305 Sep 11 j 05:41	0°♍	
	-8305 Oct 06 j 20:34	0°♎	
	-8305 Nov 03 j 07:39	0°♏	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening max el	-8305 Nov 05 j 13:31	2°♏17'01	46°21'58
asc. node	-8305 Dec 04 j 16:03	27°♏16'08	
	-8305 Dec 09 j 06:46	0°♐	
greatest brilliancy	-8305 Dec 14 j 09:15	2°♐23'52	-4.8m
retrograde	-8305 Dec 25 j 12:44	4°♐43'11	
	-8304 Jan 09 j 22:24	30°℞♏	
evening set	-8304 Jan 11 j 11:17	29°♏05'39	
inferior conj	-8304 Jan 15 j 22:04	26°♏16'56	7°33'54
minimum elong	-8304 Jan 15 j 16:00	26°♏26'43	7°32'51
min. Earth dist.	-8304 Jan 15 j 13:57	26°♏30'01	0.29363 AU
morning rise	-8304 Jan 19 j 20:57	23°♏46'29	
direct	-8304 Feb 06 j 13:35	17°♏49'00	
greatest brilliancy	-8304 Feb 15 j 19:01	19°♏21'26	-4.7m
	-8304 Mar 05 j 23:29	0°♐	
desc. node	-8304 Mar 26 j 09:51	17°♐28'53	
morning max el	-8304 Mar 26 j 07:35	17°♐23'32	45°56'01
	-8304 Apr 08 j 01:17	0°♑	
	-8304 May 05 j 18:24	0°♒	
	-8304 May 31 j 15:19	0°♓	
	-8304 Jun 25 j 12:02	0°♈	
asc. node	-8304 Jul 16 j 11:40	25°♈56'21	
	-8304 Jul 19 j 17:47	0°♉	
	-8304 Aug 12 j 14:53	0°♊	
	-8304 Sep 05 j 08:44	0°♋	
morning set	-8304 Sep 24 j 01:00	23°♋33'52	
	-8304 Sep 29 j 03:44	0°♌	
	-8304 Oct 23 j 02:29	0°♍	
superior conj	-8304 Nov 05 j 10:11	16°♍35'22	0°01'12
minimum elong	-8304 Nov 05 j 10:34	16°♍36'33	0°01'23
behind sun begin	-8304 Nov 04 j 07:49	15°♍13'26	
behind sun end	-8304 Nov 06 j 13:19	17°♍59'39	
desc. node	-8304 Nov 05 j 22:38	17°♍14'02	
max. Earth dist.	-8304 Nov 11 j 02:51	23°♍39'36	1.72190 AU
	-8304 Nov 16 j 05:34	0°♎	
	-8304 Dec 10 j 12:10	0°♏	
evening rise	-8304 Dec 16 j 10:14	7°♏17'34	
	-8303 Jan 03 j 21:33	0°♐	
	-8303 Jan 28 j 10:06	0°♑	
	-8303 Feb 22 j 03:42	0°♒	
asc. node	-8303 Feb 25 j 22:45	4°♒34'18	
	-8303 Mar 19 j 05:05	0°♓	
	-8303 Apr 13 j 17:57	0°♈	
	-8303 May 10 j 01:24	0°♉	
	-8303 Jun 07 j 01:03	0°♊	
evening max el	-8303 Jun 11 j 19:04	4°♊45'06	47°01'04
desc. node	-8303 Jun 18 j 15:27	11°♊20'29	
	-8303 Jul 11 j 21:17	0°♋	
greatest brilliancy	-8303 Jul 23 j 04:02	5°♋29'55	-4.9m
retrograde	-8303 Aug 01 j 05:36	7°♋03'16	
evening set	-8303 Aug 19 j 01:42	1°♋02'31	
	-8303 Aug 20 j 19:22	30°℞♊	
inferior conj	-8303 Aug 21 j 22:26	29°♊18'49	-8°46'28
minimum elong	-8303 Aug 22 j 03:12	29°♊11'34	8°45'35
min. Earth dist.	-8303 Aug 21 j 17:41	29°♊26'04	0.26576 AU
morning rise	-8303 Aug 25 j 04:41	27°♊21'09	
direct	-8303 Sep 11 j 03:15	21°♊45'12	
greatest brilliancy	-8303 Sep 21 j 08:12	23°♊44'25	-4.9m
	-8303 Oct 03 j 01:33	0°♋	
asc. node	-8303 Oct 08 j 21:04	4°♋13'49	
morning max el	-8303 Oct 31 j 13:28	24°♋55'13	46°33'16
	-8303 Nov 05 j 12:10	0°♌	
	-8303 Dec 02 j 23:13	0°♍	
	-8303 Dec 29 j 02:48	0°♎	
	-8302 Jan 23 j 18:18	0°♏	
desc. node	-8302 Jan 29 j 12:16	6°♏46'48	
	-8302 Feb 18 j 01:47	0°♐	
	-8302 Mar 15 j 01:31	0°♑	
	-8302 Apr 08 j 17:27	0°♒	
morning set	-8302 Apr 29 j 06:29	25°♒16'21	
	-8302 May 03 j 02:11	0°♓	
asc. node	-8302 May 21 j 11:08	22°♓50'02	
	-8302 May 27 j 04:57	0°♈	
max. Earth dist.	-8302 May 31 j 05:15	5°♈01'00	1.71905 AU
superior conj	-8302 Jun 04 j 08:39	10°♈12'04	0°31'42
minimum elong	-8302 Jun 04 j 02:34	9°♈53'00	0°31'27
	-8302 Jun 20 j 03:24	0°♉	
evening rise	-8302 Jul 11 j 18:19	27°♉12'00	
	-8302 Jul 13 j 23:43	0°♊	
	-8302 Aug 06 j 20:23	0°♋	
	-8302 Aug 30 j 19:45	0°♌	
desc. node	-8302 Sep 10 j 22:51	13°♌51'12	
	-8302 Sep 23 j 23:41	0°♍	
	-8302 Oct 18 j 10:04	0°♎	
	-8302 Nov 12 j 06:28	0°♏	
	-8302 Dec 07 j 21:44	0°♐	
asc. node	-8301 Jan 01 j 02:27	26°♐39'29	
	-8301 Jan 04 j 07:18	0°♑	
evening max el	-8301 Jan 15 j 05:55	10°♑56'36	45°03'18
	-8301 Feb 06 j 17:34	0°♒	
greatest brilliancy	-8301 Feb 21 j 18:47	8°♒11'45	-4.7m
retrograde	-8301 Mar 04 j 08:49	10°♒11'30	
evening set	-8301 Mar 20 j 20:27	5°♒04'14	
inferior conj	-8301 Mar 25 j 18:13	2°♒06'57	5°54'38
minimum elong	-8301 Mar 26 j 03:07	1°♒53'10	5°52'27
min. Earth dist.	-8301 Mar 26 j 20:49	1°♒25'47	0.29068 AU
	-8301 Mar 29 j 04:59	30°℞♑	
morning rise	-8301 Mar 31 j 09:14	28°♑43'42	
direct	-8301 Apr 16 j 16:14	23°♑42'52	
desc. node	-8301 Apr 23 j 20:39	24°♑40'09	
greatest brilliancy	-8301 Apr 27 j 21:45	25°♑58'07	-4.7m
	-8301 May 06 j 03:48	0°♒	
morning max el	-8301 Jun 05 j 09:27	24°♒42'56	46°20'45
	-8301 Jun 10 j 16:26	0°♓	
	-8301 Jul 08 j 06:26	0°♈	
	-8301 Aug 02 j 17:58	0°♉	
asc. node	-8301 Aug 14 j 00:16	13°♉40'34	
	-8301 Aug 27 j 06:34	0°♊	
	-8301 Sep 20 j 09:02	0°♋	
	-8301 Oct 14 j 09:20	0°♌	
	-8301 Nov 07 j 12:00	0°♍	
	-8301 Dec 01 j 18:32	0°♎	
desc. node	-8301 Dec 04 j 12:07	3°♎21'56	
morning set	-8301 Dec 10 j 21:10	11°♎12'46	
	-8301 Dec 26 j 04:03	0°♏	
superior conj	-8300 Jan 19 j 03:21	29°♏25'03	-1°17'55
minimum elong	-8300 Jan 18 j 22:10	29°♏09'06	1°18'17
max. Earth dist.	-8300 Jan 19 j 03:08	29°♏24'23	1.73633 AU
	-8300 Jan 19 j 14:45	0°♐	
	-8300 Feb 13 j 01:27	0°♑	
evening rise	-8300 Feb 24 j 15:12	14°♑12'23	
greatest brilliancy	-8300 Feb 28 j 17:59	19°♑15'26	-3.9m
	-8300 Mar 08 j 12:09	0°♒	
asc. node	-8300 Mar 25 j 11:01	20°♒47'06	
	-8300 Apr 01 j 23:39	0°♓	
	-8300 Apr 26 j 12:59	0°♈	
	-8300 May 21 j 05:22	0°♉	
	-8300 Jun 15 j 03:08	0°♊	
	-8300 Jul 10 j 11:35	0°♋	
desc. node	-8300 Jul 16 j 01:49	6°♋30'07	
	-8300 Aug 05 j 19:32	0°♌	
evening max el	-8300 Aug 23 j 14:20	18°♌57'01	47°44'26

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8300 Sep 03 j 21:50	0°♍	
greatest brilliancy	-8300 Oct 03 j 12:57	20°♍57'44	-4.9m
retrograde	-8300 Oct 13 j 19:28	23°♍00'03	
evening set	-8300 Oct 28 j 13:43	18°♍30'42	
min. Earth dist.	-8300 Nov 02 j 20:28	15°♍17'25	0.27396 AU
inferior conj	-8300 Nov 03 j 14:59	14°♍47'59	-0°25'03
minimum elong	-8300 Nov 03 j 15:52	14°♍46'35	0°24'34
asc. node	-8300 Nov 05 j 07:46	13°♍43'33	
morning rise	-8300 Nov 09 j 19:05	11°♍04'16	
direct	-8300 Nov 24 j 04:43	6°♍52'34	
greatest brilliancy	-8300 Dec 03 j 06:44	8°♍27'01	-4.8m
	-8299 Jan 04 j 03:52	0°♎	
morning max el	-8299 Jan 12 j 07:50	7°♎37'01	46°03'00
	-8299 Feb 03 j 07:26	0°♏	
desc. node	-8299 Feb 26 j 00:34	24°♏50'37	
	-8299 Mar 02 j 14:34	0°♐	
	-8299 Mar 28 j 16:24	0°♑	
	-8299 Apr 22 j 23:20	0°♒	
	-8299 May 17 j 16:09	0°♓	
	-8299 Jun 10 j 22:11	0°♈	
asc. node	-8299 Jun 18 j 00:34	8°♈51'48	
	-8299 Jul 04 j 20:36	0°♉	
morning set	-8299 Jul 07 j 11:49	3°♉19'12	
	-8299 Jul 28 j 14:41	0°♊	
superior conj	-8299 Aug 16 j 00:32	23°♊17'41	1°22'58
minimum elong	-8299 Aug 16 j 02:33	23°♊24'03	1°23'30
max. Earth dist.	-8299 Aug 18 j 17:04	26°♊41'40	1.70738 AU
	-8299 Aug 21 j 07:51	0°♋	
	-8299 Sep 14 j 03:01	0°♌	
evening rise	-8299 Sep 27 j 12:33	16°♌48'09	
desc. node	-8299 Oct 08 j 11:32	0°♍29'35	
	-8299 Oct 08 j 02:03	0°♍	
	-8299 Nov 01 j 05:38	0°♎	
	-8299 Nov 25 j 14:03	0°♏	
	-8299 Dec 20 j 04:47	0°♐	
	-8298 Jan 14 j 05:57	0°♑	
asc. node	-8298 Jan 28 j 13:19	16°♑46'07	
	-8298 Feb 09 j 01:41	0°♒	
	-8298 Mar 08 j 08:35	0°♓	
evening max el	-8298 Mar 27 j 21:23	19°♓38'02	45°20'10
	-8298 Apr 08 j 09:56	0°♈	
greatest brilliancy	-8298 May 05 j 12:59	17°♈14'44	-4.8m
retrograde	-8298 May 15 j 13:02	19°♈01'13	
desc. node	-8298 May 21 j 07:19	18°♈22'58	
evening set	-8298 May 30 j 05:23	14°♈59'38	
inferior conj	-8298 Jun 05 j 13:03	11°♈23'29	-3°34'26
minimum elong	-8298 Jun 05 j 05:29	11°♈34'49	3°32'17
min. Earth dist.	-8298 Jun 05 j 22:03	11°♈10'02	0.27241 AU
morning rise	-8298 Jun 11 j 04:51	8°♈06'43	
direct	-8298 Jun 26 j 14:42	3°♈36'31	
greatest brilliancy	-8298 Jul 07 j 19:39	5°♈54'12	-4.9m
	-8298 Aug 09 j 15:17	0°♉	
morning max el	-8298 Aug 16 j 02:30	6°♉24'50	46°45'36
	-8298 Sep 06 j 22:33	0°♊	
asc. node	-8298 Sep 10 j 12:18	4°♊03'47	
	-8298 Oct 02 j 15:54	0°♋	
	-8298 Oct 27 j 13:16	0°♌	
	-8298 Nov 21 j 05:29	0°♍	
	-8298 Dec 15 j 22:06	0°♎	
desc. node	-8297 Jan 01 j 01:24	19°♎34'39	
	-8297 Jan 09 j 15:35	0°♏	
	-8297 Feb 03 j 08:13	0°♐	
morning set	-8297 Feb 19 j 14:57	19°♐51'10	
	-8297 Feb 27 j 22:09	0°♑	
max. Earth dist.	-8297 Mar 23 j 17:44	29°♑14'04	1.73505 AU
	-8297 Mar 24 j 08:40	0°♒	
superior conj	-8297 Mar 27 j 06:04	3°♒33'41	-0°56'13
minimum elong	-8297 Mar 27 j 13:58	3°♒58'00	0°56'25
	-8297 Apr 17 j 16:02	0°♓	
asc. node	-8297 Apr 23 j 00:03	6°♓36'08	
evening rise	-8297 May 01 j 15:11	17°♓17'36	
	-8297 May 11 j 21:02	0°♈	
	-8297 Jun 05 j 00:40	0°♉	
	-8297 Jun 29 j 04:26	0°♊	
	-8297 Jul 23 j 10:31	0°♋	
desc. node	-8297 Aug 13 j 13:04	25°♋53'20	
	-8297 Aug 16 j 22:01	0°♌	
	-8297 Sep 10 j 19:29	0°♍	
	-8297 Oct 06 j 12:19	0°♎	
evening max el	-8297 Nov 03 j 04:01	29°♎58'16	46°25'31
	-8297 Nov 03 j 04:42	0°♏	
asc. node	-8297 Dec 03 j 18:17	25°♏58'01	
	-8297 Dec 11 j 12:12	0°♐	
greatest brilliancy	-8297 Dec 12 j 03:01	0°♐15'06	-4.8m
retrograde	-8297 Dec 23 j 06:01	2°♐34'44	
	-8296 Jan 03 j 11:33	30°℞♏	
evening set	-8296 Jan 09 j 02:18	27°♏00'22	
inferior conj	-8296 Jan 13 j 15:23	24°♏08'21	7°27'09
minimum elong	-8296 Jan 13 j 08:52	24°♏18'52	7°26'00
min. Earth dist.	-8296 Jan 13 j 06:21	24°♏22'54	0.29320 AU
morning rise	-8296 Jan 17 j 15:38	21°♏35'48	
direct	-8296 Feb 04 j 05:33	15°♏40'54	
greatest brilliancy	-8296 Feb 13 j 11:05	17°♏13'18	-4.7m
	-8296 Mar 06 j 11:28	0°♐	
morning max el	-8296 Mar 23 j 23:16	15°♐13'36	45°55'50
desc. node	-8296 Mar 25 j 12:02	16°♐41'20	
	-8296 Apr 07 j 19:33	0°♑	
	-8296 May 05 j 08:48	0°♒	
	-8296 May 31 j 04:10	0°♓	
	-8296 Jun 25 j 00:09	0°♈	
asc. node	-8296 Jul 15 j 13:42	25°♈26'00	
	-8296 Jul 19 j 05:31	0°♉	
	-8296 Aug 12 j 02:25	0°♊	
	-8296 Sep 04 j 20:10	0°♋	
morning set	-8296 Sep 21 j 10:29	20°♋56'42	
	-8296 Sep 28 j 15:06	0°♌	
	-8296 Oct 22 j 13:47	0°♍	
superior conj	-8296 Nov 02 j 19:39	14°♍00'41	0°05'05
minimum elong	-8296 Nov 02 j 21:04	14°♍05'05	0°05'13
behind sun begin	-8296 Nov 01 j 19:19	12°♍44'59	
behind sun end	-8296 Nov 03 j 22:50	15°♍25'10	
desc. node	-8296 Nov 05 j 00:46	16°♍45'46	
max. Earth dist.	-8296 Nov 08 j 13:50	21°♍09'55	1.72123 AU
	-8296 Nov 15 j 16:47	0°♎	
	-8296 Dec 09 j 23:21	0°♏	
evening rise	-8296 Dec 13 j 23:59	4°♏57'40	
	-8295 Jan 03 j 08:46	0°♐	
	-8295 Jan 27 j 21:31	0°♑	
	-8295 Feb 21 j 15:30	0°♒	
asc. node	-8295 Feb 25 j 00:58	4°♒05'14	
	-8295 Mar 18 j 17:38	0°♓	
	-8295 Apr 13 j 07:48	0°♈	
	-8295 May 09 j 17:48	0°♉	
	-8295 Jun 06 j 23:43	0°♊	
evening max el	-8295 Jun 09 j 07:34	2°♊18'25	46°57'39
desc. node	-8295 Jun 17 j 17:30	10°♊20'08	
	-8295 Jul 13 j 18:08	0°♋	
greatest brilliancy	-8295 Jul 20 j 15:11	2°♋57'56	-4.9m
retrograde	-8295 Jul 29 j 17:45	4°♋32'07	
	-8295 Aug 13 j 23:33	30°℞♊	
evening set	-8295 Aug 16 j 14:50	28°♊29'34	
inferior conj	-8295 Aug 19 j 10:22	26°♊47'59	-8°51'04

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-8295 Aug 19 j 14:16	26°♊42'04	8°50'18
min. Earth dist.	-8295 Aug 19 j 05:27	26°♊55'26	0.26582 AU
morning rise	-8295 Aug 22 j 13:41	24°♊55'02	
direct	-8295 Sep 08 j 15:44	19°♊14'20	
greatest brilliancy	-8295 Sep 18 j 21:04	21°♊14'24	-4.9m
	-8295 Oct 04 j 03:04	0°♋	
asc. node	-8295 Oct 07 j 23:22	2°♋58'10	
morning max el	-8295 Oct 29 j 03:28	22°♋30'00	46°34'18
	-8295 Nov 05 j 09:26	0°♌	
	-8295 Dec 02 j 15:17	0°♍	
	-8295 Dec 28 j 16:40	0°♎	
	-8294 Jan 23 j 06:57	0°♏	
desc. node	-8294 Jan 28 j 14:21	6°♏16'06	
	-8294 Feb 17 j 13:43	0°♐	
	-8294 Mar 14 j 13:00	0°♑	
	-8294 Apr 08 j 04:40	0°♒	
morning set	-8294 Apr 27 j 01:35	23°♒12'48	
	-8294 May 02 j 13:16	0°♓	
asc. node	-8294 May 20 j 13:18	22°♓22'19	
	-8294 May 26 j 16:01	0°♈	
max. Earth dist.	-8294 May 28 j 21:51	2°♈48'11	1.71964 AU
superior conj	-8294 Jun 02 j 01:54	8°♈01'05	0°28'43
minimum elong	-8294 Jun 01 j 20:21	7°♈43'41	0°28'28
	-8294 Jun 19 j 14:33	0°♉	
evening rise	-8294 Jul 09 j 08:28	24°♉49'53	
	-8294 Jul 13 j 11:03	0°♊	
	-8294 Aug 06 j 07:56	0°♋	
	-8294 Aug 30 j 07:33	0°♌	
desc. node	-8294 Sep 10 j 01:03	13°♌21'03	
	-8294 Sep 23 j 11:46	0°♍	
	-8294 Oct 17 j 22:33	0°♎	
	-8294 Nov 11 j 19:43	0°♏	
	-8294 Dec 07 j 12:36	0°♐	
asc. node	-8294 Dec 31 j 04:36	25°♐57'03	
	-8293 Jan 04 j 02:29	0°♑	
evening max el	-8293 Jan 12 j 22:10	8°♑46'22	45°04'40
	-8293 Feb 07 j 14:29	0°♒	
greatest brilliancy	-8293 Feb 19 j 10:17	6°♒02'54	-4.7m
retrograde	-8293 Mar 02 j 01:09	8°♒03'01	
evening set	-8293 Mar 18 j 15:08	2°♒51'57	
inferior conj	-8293 Mar 23 j 10:30	29°♑57'26	6°07'13
minimum elong	-8293 Mar 23 j 19:19	29°♑43'43	6°05'06
	-8293 Mar 23 j 08:51	30°℞♑	
min. Earth dist.	-8293 Mar 24 j 12:16	29°♑17'26	0.29120 AU
morning rise	-8293 Mar 28 j 23:04	26°♑37'15	
direct	-8293 Apr 14 j 09:24	21°♑32'40	
desc. node	-8293 Apr 22 j 22:55	22°♑53'12	
greatest brilliancy	-8293 Apr 25 j 12:20	23°♑45'38	-4.7m
	-8293 May 07 j 08:25	0°♒	
morning max el	-8293 Jun 03 j 01:35	22°♒29'52	46°19'41
	-8293 Jun 10 j 12:46	0°♓	
	-8293 Jul 07 j 21:54	0°♈	
	-8293 Aug 02 j 07:34	0°♉	
asc. node	-8293 Aug 13 j 02:32	13°♉07'24	
	-8293 Aug 26 j 19:15	0°♊	
	-8293 Sep 19 j 21:15	0°♋	
	-8293 Oct 13 j 21:14	0°♌	
	-8293 Nov 06 j 23:40	0°♍	
	-8293 Dec 01 j 06:00	0°♎	
desc. node	-8293 Dec 03 j 14:07	2°♎52'50	
morning set	-8293 Dec 08 j 09:37	8°♎48'23	
	-8293 Dec 25 j 15:20	0°♏	
superior conj	-8292 Jan 16 j 19:37	27°♏13'21	-1°16'55
minimum elong	-8292 Jan 16 j 13:49	26°♏55'34	1°17'15
max. Earth dist.	-8292 Jan 17 j 01:48	27°♏32'21	1.73606 AU
	-8292 Jan 19 j 01:55	0°♐	
	-8292 Feb 12 j 12:36	0°♑	
evening rise	-8292 Feb 22 j 09:53	12°♑08'10	
greatest brilliancy	-8292 Feb 27 j 11:16	18°♑20'31	-3.9m
	-8292 Mar 07 j 23:24	0°♒	
asc. node	-8292 Mar 24 j 13:17	20°♒19'05	
	-8292 Apr 01 j 11:10	0°♓	
	-8292 Apr 26 j 00:57	0°♈	
	-8292 May 20 j 18:00	0°♉	
	-8292 Jun 14 j 16:44	0°♊	
	-8292 Jul 10 j 02:45	0°♋	
desc. node	-8292 Jul 15 j 04:02	5°♋51'18	
	-8292 Aug 05 j 13:57	0°♌	
evening max el	-8292 Aug 21 j 06:09	16°♌37'07	47°45'11
	-8292 Sep 04 j 02:58	0°♍	
greatest brilliancy	-8292 Oct 01 j 05:21	18°♍36'16	-4.9m
retrograde	-8292 Oct 11 j 10:28	20°♍36'51	
evening set	-8292 Oct 26 j 05:33	16°♍07'02	
min. Earth dist.	-8292 Oct 31 j 11:39	12°♍54'30	0.27336 AU
inferior conj	-8292 Nov 01 j 05:39	12°♍25'52	-0°46'59
minimum elong	-8292 Nov 01 j 07:19	12°♍23'14	0°46'14
asc. node	-8292 Nov 04 j 10:00	10°♍26'24	
morning rise	-8292 Nov 07 j 10:07	8°♍41'43	
direct	-8292 Nov 21 j 19:01	4°♍31'54	
greatest brilliancy	-8292 Nov 30 j 21:23	6°♍06'38	-4.8m
	-8291 Jan 04 j 06:42	0°♎	
morning max el	-8291 Jan 09 j 22:05	5°♎19'34	46°03'41
	-8291 Feb 03 j 00:45	0°♏	
desc. node	-8291 Feb 25 j 02:48	24°♏15'54	
	-8291 Mar 02 j 04:49	0°♐	
	-8291 Mar 28 j 05:12	0°♑	
	-8291 Apr 22 j 11:22	0°♒	
	-8291 May 17 j 03:46	0°♓	
	-8291 Jun 10 j 09:37	0°♈	
asc. node	-8291 Jun 17 j 02:35	8°♈22'27	
	-8291 Jul 04 j 07:58	0°♉	
morning set	-8291 Jul 05 j 01:51	0°♉56'21	
	-8291 Jul 28 j 02:03	0°♊	
superior conj	-8291 Aug 13 j 11:31	20°♊44'45	1°23'14
minimum elong	-8291 Aug 13 j 12:30	20°♊47'50	1°23'45
max. Earth dist.	-8291 Aug 15 j 15:20	23°♊28'33	1.70730 AU
	-8291 Aug 20 j 19:13	0°♋	
	-8291 Sep 13 j 14:25	0°♌	
evening rise	-8291 Sep 24 j 20:13	14°♌06'02	
desc. node	-8291 Oct 07 j 13:44	0°♍00'39	
	-8291 Oct 07 j 13:31	0°♍	
	-8291 Oct 31 j 17:11	0°♎	
	-8291 Nov 25 j 01:47	0°♏	
	-8291 Dec 19 j 16:53	0°♐	
	-8290 Jan 13 j 18:48	0°♑	
asc. node	-8290 Jan 27 j 15:34	16°♑13'15	
	-8290 Feb 08 j 16:07	0°♒	
	-8290 Mar 08 j 02:47	0°♓	
evening max el	-8290 Mar 25 j 10:19	17°♓18'07	45°17'49
	-8290 Apr 08 j 18:24	0°♈	
greatest brilliancy	-8290 May 03 j 01:37	14°♈53'21	-4.8m
retrograde	-8290 May 13 j 01:16	16°♈39'53	
desc. node	-8290 May 20 j 09:23	15°♈37'43	
evening set	-8290 May 27 j 17:04	12°♈39'18	
inferior conj	-8290 Jun 03 j 02:06	9°♈01'42	-3°13'20
minimum elong	-8290 Jun 02 j 19:10	9°♈12'04	3°11'21
min. Earth dist.	-8290 Jun 03 j 12:37	8°♈45'58	0.27292 AU
morning rise	-8290 Jun 08 j 20:24	5°♈41'20	
direct	-8290 Jun 24 j 03:57	1°♈13'14	
greatest brilliancy	-8290 Jul 05 j 11:17	3°♈32'42	-4.9m
	-8290 Aug 09 j 16:42	0°♉	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning max el	-8290 Aug 13 j 15:20	3°♉56'45	46°45'28	
	-8290 Sep 06 j 15:52	0°♊		
asc. node	-8290 Sep 09 j 14:31	3°♊21'51		
	-8290 Oct 02 j 06:29	0°♋		
	-8290 Oct 27 j 02:29	0°♌		
	-8290 Nov 20 j 17:55	0°♍		
	-8290 Dec 15 j 10:00	0°♎		
desc. node	-8290 Dec 31 j 03:32	19°♎05'51		
	-8289 Jan 09 j 03:06	0°♏		
	-8289 Feb 02 j 19:27	0°♐		
morning set	-8289 Feb 17 j 08:59	17°♐45'43		
	-8289 Feb 27 j 09:12	0°♑		
max. Earth dist.	-8289 Mar 21 j 14:49	27°♑17'24	1.73540 AU	
	-8289 Mar 23 j 19:40	0°♒		
superior conj	-8289 Mar 25 j 01:33	1°♒31'59	-0°58'18	
minimum elong	-8289 Mar 25 j 09:28	1°♒56'21	0°58'32	
	-8289 Apr 17 j 03:06	0°♓		
asc. node	-8289 Apr 22 j 02:08	6°♓08'14		
evening rise	-8289 Apr 29 j 10:23	15°♓13'50		
	-8289 May 11 j 08:16	0°♈		
	-8289 Jun 04 j 12:12	0°♉		
	-8289 Jun 28 j 16:20	0°♊		
	-8289 Jul 22 j 22:55	0°♋		
desc. node	-8289 Aug 12 j 15:18	25°♋20'43		
	-8289 Aug 16 j 11:03	0°♌		
	-8289 Sep 10 j 09:32	0°♍		
	-8289 Oct 06 j 04:21	0°♎		
evening max el	-8289 Oct 31 j 19:09	27°♎41'07	46°29'15	
	-8289 Nov 03 j 02:29	0°♏		
asc. node	-8289 Dec 02 j 20:23	24°♏37'38		
greatest brilliancy	-8289 Dec 09 j 20:16	28°♏05'58	-4.8m	
	-8289 Dec 16 j 06:11	0°♐		
retrograde	-8289 Dec 20 j 23:51	0°♐26'45		
	-8289 Dec 25 j 15:09	30°℞♏		
evening set	-8288 Jan 06 j 17:23	24°♏55'23		
inferior conj	-8288 Jan 11 j 08:49	22°♏00'00	7°19'45	
minimum elong	-8288 Jan 11 j 01:52	22°♏11'11	7°18'31	
min. Earth dist.	-8288 Jan 10 j 22:32	22°♏16'33	0.29278 AU	
morning rise	-8288 Jan 15 j 10:36	19°♏25'17		
direct	-8288 Feb 01 j 21:56	13°♏33'03		
greatest brilliancy	-8288 Feb 11 j 02:55	15°♏05'13	-4.7m	
	-8288 Mar 06 j 20:23	0°♐		
morning max el	-8288 Mar 21 j 15:57	13°♐06'02	45°55'28	
desc. node	-8288 Mar 24 j 14:15	15°♐54'24		
	-8288 Apr 07 j 13:31	0°♑		
	-8288 May 04 j 23:12	0°♒		
	-8288 May 30 j 17:04	0°♓		
	-8288 Jun 24 j 12:18	0°♈		
asc. node	-8288 Jul 14 j 15:58	24°♈56'18		
	-8288 Jul 18 j 17:16	0°♉		
	-8288 Aug 11 j 13:58	0°♊		
	-8288 Sep 04 j 07:37	0°♋		
morning set	-8288 Sep 18 j 20:01	18°♋19'30		
	-8288 Sep 28 j 02:29	0°♌		
	-8288 Oct 22 j 01:05	0°♍		
superior conj	-8288 Oct 31 j 05:05	11°♍25'41	0°08'55	
minimum elong	-8288 Oct 31 j 07:33	11°♍33'22	0°09'02	
behind sun begin	-8288 Oct 30 j 08:47	10°♍22'28		
behind sun end	-8288 Nov 01 j 06:19	12°♍44'14		
desc. node	-8288 Nov 04 j 02:46	16°♍17'02		
max. Earth dist.	-8288 Nov 06 j 00:15	18°♍38'24	1.72053 AU	
	-8288 Nov 15 j 03:59	0°♎		
	-8288 Dec 09 j 10:28	0°♏		
evening rise	-8288 Dec 11 j 13:52	2°♏38'20		
	-8287 Jan 02 j 19:54	0°♐		
	-8287 Jan 27 j 08:50	0°♑		
	-8287 Feb 21 j 03:16	0°♒		
asc. node	-8287 Feb 24 j 03:12	3°♒36'22		
	-8287 Mar 18 j 06:11	0°♓		
	-8287 Apr 12 j 21:47	0°♈		
	-8287 May 09 j 10:31	0°♉		
	-8287 Jun 06 j 23:21	0°♊		
evening max el	-8287 Jun 06 j 21:04	29°♉54'23	46°54'13	
desc. node	-8287 Jun 16 j 19:44	9°♊18'48		
	-8287 Jul 16 j 20:29	0°♋		
greatest brilliancy	-8287 Jul 18 j 01:49	0°♋25'43	-4.9m	
retrograde	-8287 Jul 27 j 06:11	2°♋00'59		
	-8287 Aug 06 j 05:22	30°℞♊		
evening set	-8287 Aug 14 j 03:27	25°♊57'31		
inferior conj	-8287 Aug 16 j 22:14	24°♊17'11	-8°54'35	
minimum elong	-8287 Aug 17 j 01:12	24°♊12'41	8°53'56	
min. Earth dist.	-8287 Aug 16 j 16:50	24°♊25'21	0.26586 AU	
morning rise	-8287 Aug 19 j 22:58	22°♊28'20		
direct	-8287 Sep 06 j 04:33	16°♊43'50		
greatest brilliancy	-8287 Sep 16 j 09:16	18°♊43'47	-4.9m	
	-8287 Oct 04 j 21:47	0°♋		
asc. node	-8287 Oct 07 j 01:36	1°♋44'53		
morning max el	-8287 Oct 26 j 17:37	20°♋05'22	46°35'18	
	-8287 Nov 05 j 05:53	0°♌		
	-8287 Dec 02 j 06:59	0°♍		
	-8287 Dec 28 j 06:15	0°♎		
	-8286 Jan 22 j 19:21	0°♏		
desc. node	-8286 Jan 27 j 16:36	5°♏46'34		
	-8286 Feb 17 j 01:23	0°♐		
	-8286 Mar 14 j 00:14	0°♑		
	-8286 Apr 07 j 15:40	0°♒		
morning set	-8286 Apr 24 j 20:50	21°♒10'22		
	-8286 May 02 j 00:11	0°♓		
asc. node	-8286 May 19 j 15:22	21°♓54'41		
	-8286 May 26 j 02:57	0°♈		
max. Earth dist.	-8286 May 26 j 12:08	0°♈28'40	1.72028 AU	
superior conj	-8286 May 30 j 19:15	5°♈50'54	0°25'41	
minimum elong	-8286 May 30 j 14:16	5°♈35'16	0°25'26	
	-8286 Jun 19 j 01:36	0°♉		
evening rise	-8286 Jul 06 j 22:38	22°♉28'16		
	-8286 Jul 12 j 22:16	0°♊		
	-8286 Aug 05 j 19:21	0°♋		
	-8286 Aug 29 j 19:10	0°♌		
desc. node	-8286 Sep 09 j 03:10	12°♌51'10		
	-8286 Sep 22 j 23:40	0°♍		
	-8286 Oct 17 j 10:53	0°♎		
	-8286 Nov 11 j 08:50	0°♏		
	-8286 Dec 07 j 03:22	0°♐		
asc. node	-8286 Dec 30 j 06:58	25°♐15'37		
	-8285 Jan 03 j 21:50	0°♑		
evening max el	-8285 Jan 10 j 14:22	6°♑37'00	45°06'13	
	-8285 Feb 08 j 18:13	0°♒		
greatest brilliancy	-8285 Feb 17 j 02:40	3°♒56'44	-4.7m	
retrograde	-8285 Feb 27 j 17:24	5°♒56'45		
evening set	-8285 Mar 16 j 10:09	0°♒42'04		
	-8285 Mar 17 j 14:48	30°℞♑		
inferior conj	-8285 Mar 21 j 03:13	27°♑50'18	6°18'57	
minimum elong	-8285 Mar 21 j 11:54	27°♑36'45	6°16'57	
min. Earth dist.	-8285 Mar 22 j 04:17	27°♑11'15	0.29170 AU	
morning rise	-8285 Mar 26 j 13:15	24°♑33'07		
direct	-8285 Apr 12 j 02:33	19°♑24'54		
desc. node	-8285 Apr 22 j 01:00	21°♑11'46		
greatest brilliancy	-8285 Apr 23 j 03:22	21°♑35'32	-4.7m	
	-8285 May 08 j 04:29	0°♒		
morning max el	-8285 May 31 j 17:07	20°♒16'31	46°18'22	
	-8285 Jun 10 j 08:08	0°♓		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8285 Jul 07 j 12:54	0°♈	
	-8285 Aug 01 j 20:52	0°♉	
asc. node	-8285 Aug 12 j 04:43	12°♉34'39	
	-8285 Aug 26 j 07:44	0°♊	
	-8285 Sep 19 j 09:13	0°♋	
	-8285 Oct 13 j 08:52	0°♌	
	-8285 Nov 06 j 11:02	0°♍	
	-8285 Nov 30 j 17:10	0°♎	
desc. node	-8285 Dec 02 j 16:14	2°♎25'01	
morning set	-8285 Dec 05 j 21:57	6°♎24'23	
	-8285 Dec 25 j 02:20	0°♏	
superior conj	-8284 Jan 14 j 11:53	25°♏02'37	-1°15'48
minimum elong	-8284 Jan 14 j 05:31	24°♏43'05	1°16'06
max. Earth dist.	-8284 Jan 14 j 23:20	25°♏37'44	1.73574 AU
	-8284 Jan 18 j 12:48	0°♐	
	-8284 Feb 11 j 23:25	0°♑	
evening rise	-8284 Feb 20 j 04:43	10°♑05'24	
greatest brilliancy	-8284 Feb 26 j 03:32	17°♑23'33	-3.9m
	-8284 Mar 07 j 10:17	0°♒	
asc. node	-8284 Mar 23 j 15:24	19°♒51'45	
	-8284 Mar 31 j 22:18	0°♓	
	-8284 Apr 25 j 12:34	0°♈	
	-8284 May 20 j 06:19	0°♉	
	-8284 Jun 14 j 06:07	0°♊	
	-8284 Jul 09 j 17:52	0°♋	
desc. node	-8284 Jul 14 j 06:17	5°♋12'53	
	-8284 Aug 05 j 08:37	0°♌	
evening max el	-8284 Aug 18 j 20:56	14°♌14'54	47°45'44
	-8284 Sep 04 j 10:02	0°♍	
greatest brilliancy	-8284 Sep 28 j 22:12	16°♍15'18	-4.9m
retrograde	-8284 Oct 09 j 00:55	18°♍13'34	
evening set	-8284 Oct 23 j 21:21	13°♍43'03	
min. Earth dist.	-8284 Oct 29 j 03:00	10°♍31'10	0.27274 AU
inferior conj	-8284 Oct 29 j 20:08	10°♍03'55	-1°08'56
minimum elong	-8284 Oct 29 j 22:34	10°♍00'03	1°07'57
asc. node	-8284 Nov 03 j 12:07	7°♍11'13	
morning rise	-8284 Nov 05 j 00:46	6°♍19'27	
direct	-8284 Nov 19 j 08:32	2°♍11'14	
greatest brilliancy	-8284 Nov 28 j 12:21	3°♍46'52	-4.8m
	-8283 Jan 04 j 07:46	0°♎	
morning max el	-8283 Jan 07 j 11:38	3°♎01'01	46°04'32
	-8283 Feb 02 j 17:21	0°♏	
desc. node	-8283 Feb 24 j 04:52	23°♏42'03	
	-8283 Mar 01 j 18:32	0°♐	
	-8283 Mar 27 j 17:31	0°♑	
	-8283 Apr 21 j 22:56	0°♒	
	-8283 May 16 j 14:56	0°♓	
	-8283 Jun 09 j 20:37	0°♈	
asc. node	-8283 Jun 16 j 04:52	7°♈55'17	
morning set	-8283 Jul 02 j 16:21	28°♈36'16	
	-8283 Jul 03 j 18:57	0°♉	
	-8283 Jul 27 j 13:05	0°♊	
superior conj	-8283 Aug 10 j 22:38	18°♊13'04	1°23'17
minimum elong	-8283 Aug 10 j 22:35	18°♊12'56	1°23'49
max. Earth dist.	-8283 Aug 12 j 14:25	20°♊18'51	1.70738 AU
	-8283 Aug 20 j 06:20	0°♋	
	-8283 Sep 13 j 01:37	0°♌	
evening rise	-8283 Sep 22 j 03:29	11°♌23'19	
desc. node	-8283 Oct 06 j 15:45	29°♌31'49	
	-8283 Oct 07 j 00:47	0°♍	
	-8283 Oct 31 j 04:32	0°♎	
	-8283 Nov 24 j 13:17	0°♏	
	-8283 Dec 19 j 04:44	0°♐	
	-8282 Jan 13 j 07:24	0°♑	
asc. node	-8282 Jan 26 j 17:48	15°♑41'08	
	-8282 Feb 08 j 06:22	0°♒	
	-8282 Mar 07 j 21:01	0°♓	
evening max el	-8282 Mar 22 j 23:50	15°♓01'09	45°15'47
	-8282 Apr 09 j 04:58	0°♈	
greatest brilliancy	-8282 Apr 30 j 14:06	12°♈34'02	-4.7m
retrograde	-8282 May 10 j 14:27	14°♈21'24	
desc. node	-8282 May 19 j 11:36	12°♈50'06	
evening set	-8282 May 25 j 05:23	10°♈21'17	
inferior conj	-8282 May 31 j 15:31	6°♈42'31	-2°52'15
minimum elong	-8282 May 31 j 09:15	6°♈51'53	2°50'27
min. Earth dist.	-8282 Jun 01 j 03:16	6°♈24'59	0.27345 AU
morning rise	-8282 Jun 06 j 12:13	3°♈19'02	
	-8282 Jun 14 j 05:44	30°℞♓	
direct	-8282 Jun 21 j 17:55	28°♓52'38	
	-8282 Jun 29 j 11:57	0°♈	
greatest brilliancy	-8282 Jul 03 j 02:56	1°♈13'44	-4.9m
	-8282 Aug 09 j 16:20	0°♉	
morning max el	-8282 Aug 11 j 05:22	1°♉33'25	46°45'02
	-8282 Sep 06 j 08:29	0°♊	
asc. node	-8282 Sep 08 j 16:42	2°♊41'21	
	-8282 Oct 01 j 20:39	0°♋	
	-8282 Oct 26 j 15:28	0°♌	
	-8282 Nov 20 j 06:09	0°♍	
	-8282 Dec 14 j 21:42	0°♎	
desc. node	-8282 Dec 30 j 05:45	18°♎37'58	
	-8281 Jan 08 j 14:24	0°♏	
	-8281 Feb 02 j 06:26	0°♐	
morning set	-8281 Feb 15 j 02:45	15°♐40'10	
	-8281 Feb 26 j 20:01	0°♑	
max. Earth dist.	-8281 Mar 19 j 13:25	25°♑26'09	1.73570 AU
superior conj	-8281 Mar 22 j 21:03	29°♑31'10	-1°00'19
minimum elong	-8281 Mar 23 j 04:58	29°♑55'31	1°00'35
	-8281 Mar 23 j 06:25	0°♒	
	-8281 Apr 16 j 13:55	0°♓	
asc. node	-8281 Apr 21 j 04:17	5°♓41'18	
evening rise	-8281 Apr 27 j 05:54	13°♓11'58	
	-8281 May 10 j 19:16	0°♈	
	-8281 Jun 03 j 23:26	0°♉	
	-8281 Jun 28 j 03:55	0°♊	
	-8281 Jul 22 j 10:59	0°♋	
desc. node	-8281 Aug 11 j 17:25	24°♋48'39	
	-8281 Aug 15 j 23:50	0°♌	
	-8281 Sep 09 j 23:26	0°♍	
	-8281 Oct 05 j 20:29	0°♎	
evening max el	-8281 Oct 29 j 11:13	25°♎26'22	46°32'48
	-8281 Nov 03 j 01:05	0°♏	
asc. node	-8281 Dec 01 j 22:48	23°♏14'46	
greatest brilliancy	-8281 Dec 07 j 13:12	25°♏55'49	-4.8m
retrograde	-8281 Dec 18 j 17:52	28°♏17'43	
evening set	-8280 Jan 04 j 08:07	22°♏49'37	
min. Earth dist.	-8280 Jan 08 j 14:13	20°♏09'31	0.29231 AU
inferior conj	-8280 Jan 09 j 01:56	19°♏50'40	7°11'41
minimum elong	-8280 Jan 08 j 18:36	20°♏02'28	7°10'20
morning rise	-8280 Jan 13 j 05:25	17°♏13'38	
direct	-8280 Jan 30 j 14:24	11°♏24'25	
greatest brilliancy	-8280 Feb 08 j 17:55	12°♏55'50	-4.7m
	-8280 Mar 07 j 02:49	0°♐	
morning max el	-8280 Mar 19 j 09:01	10°♐59'40	45°55'12
desc. node	-8280 Mar 23 j 16:22	15°♐08'20	
	-8280 Apr 07 j 06:57	0°♑	
	-8280 May 04 j 13:16	0°♒	
	-8280 May 30 j 05:42	0°♓	
	-8280 Jun 24 j 00:13	0°♈	
asc. node	-8280 Jul 13 j 18:07	24°♈26'57	
	-8280 Jul 18 j 04:47	0°♉	
	-8280 Aug 11 j 01:17	0°♊	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8280 Sep 03 j 18:50	0°♋	
morning set	-8280 Sep 16 j 06:04	15°♋44'39	
	-8280 Sep 27 j 13:39	0°♌	
	-8280 Oct 21 j 12:13	0°♍	
superior conj	-8280 Oct 28 j 14:21	8°♍50'26	0°12'46
minimum elong	-8280 Oct 28 j 17:52	9°♍01'24	0°12'52
behind sun begin	-8280 Oct 28 j 01:01	8°♍08'54	
behind sun end	-8280 Oct 29 j 10:43	9°♍53'52	
desc. node	-8280 Nov 03 j 04:56	15°♍49'15	
max. Earth dist.	-8280 Nov 03 j 12:04	16°♍11'24	1.71994 AU
	-8280 Nov 14 j 15:05	0°♎	
	-8280 Dec 08 j 21:33	0°♏	
evening rise	-8280 Dec 09 j 03:11	0°♏17'22	
	-8279 Jan 02 j 07:03	0°♐	
	-8279 Jan 26 j 20:11	0°♑	
	-8279 Feb 20 j 15:03	0°♒	
asc. node	-8279 Feb 23 j 05:21	3°♒07'11	
	-8279 Mar 17 j 18:47	0°♓	
	-8279 Apr 12 j 11:52	0°♈	
	-8279 May 09 j 03:29	0°♉	
evening max el	-8279 Jun 04 j 11:13	27°♉32'18	46°50'45
	-8279 Jun 06 j 23:59	0°♊	
desc. node	-8279 Jun 15 j 22:03	8°♊16'32	
greatest brilliancy	-8279 Jul 15 j 12:43	27°♊54'36	-4.9m
retrograde	-8279 Jul 24 j 18:40	29°♊30'27	
evening set	-8279 Aug 11 j 15:43	23°♊27'14	
inferior conj	-8279 Aug 14 j 10:11	21°♊47'19	-8°57'08
minimum elong	-8279 Aug 14 j 12:13	21°♊44'16	8°56'33
min. Earth dist.	-8279 Aug 14 j 04:23	21°♊56'07	0.26586 AU
morning rise	-8279 Aug 17 j 08:45	20°♊01'44	
direct	-8279 Sep 03 j 17:23	14°♊14'30	
greatest brilliancy	-8279 Sep 13 j 21:19	16°♊13'44	-4.9m
	-8279 Oct 05 j 11:26	0°♋	
asc. node	-8279 Oct 06 j 03:45	0°♋34'21	
morning max el	-8279 Oct 24 j 07:07	17°♋39'39	46°36'09
	-8279 Nov 05 j 01:31	0°♌	
	-8279 Dec 01 j 22:20	0°♍	
	-8279 Dec 27 j 19:42	0°♎	
	-8278 Jan 22 j 07:44	0°♏	
desc. node	-8278 Jan 26 j 18:38	5°♏16'20	
	-8278 Feb 16 j 13:07	0°♐	
	-8278 Mar 13 j 11:33	0°♑	
	-8278 Apr 07 j 02:43	0°♒	
morning set	-8278 Apr 22 j 15:49	19°♒07'00	
	-8278 May 01 j 11:09	0°♓	
asc. node	-8278 May 18 j 17:37	21°♓27'32	
max. Earth dist.	-8278 May 24 j 01:58	28°♓07'44	1.72093 AU
	-8278 May 25 j 13:56	0°♈	
superior conj	-8278 May 28 j 12:35	3°♈40'39	0°22'37
minimum elong	-8278 May 28 j 08:10	3°♈26'51	0°22'23
	-8278 Jun 18 j 12:43	0°♉	
evening rise	-8278 Jul 04 j 13:03	20°♉07'20	
	-8278 Jul 12 j 09:33	0°♊	
	-8278 Aug 05 j 06:50	0°♋	
	-8278 Aug 29 j 06:50	0°♌	
desc. node	-8278 Sep 08 j 05:17	12°♌21'10	
	-8278 Sep 22 j 11:35	0°♍	
	-8278 Oct 16 j 23:15	0°♎	
	-8278 Nov 10 j 22:01	0°♏	
	-8278 Dec 06 j 18:22	0°♐	
asc. node	-8278 Dec 29 j 09:09	24°♐32'51	
	-8277 Jan 03 j 17:58	0°♑	
evening max el	-8277 Jan 08 j 05:44	4°♑24'52	45°07'35
	-8277 Feb 10 j 11:23	0°♒	
greatest brilliancy	-8277 Feb 14 j 19:11	1°♒49'34	-4.7m
retrograde	-8277 Feb 25 j 09:09	3°♒49'21	
	-8277 Mar 11 j 12:09	30°℞♑	
evening set	-8277 Mar 14 j 04:57	28°♑30'55	
inferior conj	-8277 Mar 18 j 19:48	25°♑42'03	6°30'11
minimum elong	-8277 Mar 19 j 04:17	25°♑28'47	6°28'17
min. Earth dist.	-8277 Mar 19 j 20:29	25°♑03'27	0.29219 AU
morning rise	-8277 Mar 24 j 03:11	22°♑27'59	
direct	-8277 Apr 09 j 19:03	17°♑15'50	
greatest brilliancy	-8277 Apr 20 j 18:48	19°♑24'52	-4.7m
desc. node	-8277 Apr 21 j 03:14	19°♑32'52	
	-8277 May 08 j 19:58	0°♒	
morning max el	-8277 May 29 j 07:58	18°♒00'50	46°17'14
	-8277 Jun 10 j 03:13	0°♓	
	-8277 Jul 07 j 03:54	0°♈	
	-8277 Aug 01 j 10:14	0°♉	
asc. node	-8277 Aug 11 j 06:49	12°♉01'20	
	-8277 Aug 25 j 20:17	0°♊	
	-8277 Sep 18 j 21:18	0°♋	
	-8277 Oct 12 j 20:36	0°♌	
	-8277 Nov 05 j 22:31	0°♍	
	-8277 Nov 30 j 04:26	0°♎	
desc. node	-8277 Dec 01 j 18:26	1°♎57'11	
morning set	-8277 Dec 03 j 10:27	4°♎00'27	
	-8277 Dec 24 j 13:27	0°♏	
superior conj	-8276 Jan 12 j 04:13	22°♏51'36	-1°14'34
minimum elong	-8276 Jan 11 j 21:18	22°♏30'23	1°14'49
max. Earth dist.	-8276 Jan 12 j 19:50	23°♏39'33	1.73545 AU
	-8276 Jan 17 j 23:48	0°♐	
	-8276 Feb 11 j 10:26	0°♑	
evening rise	-8276 Feb 17 j 23:25	8°♑01'38	
greatest brilliancy	-8276 Feb 24 j 18:22	16°♑21'28	-3.9m
	-8276 Mar 06 j 21:26	0°♒	
asc. node	-8276 Mar 22 j 17:34	19°♒23'42	
	-8276 Mar 31 j 09:45	0°♓	
	-8276 Apr 25 j 00:30	0°♈	
	-8276 May 19 j 18:59	0°♉	
	-8276 Jun 13 j 19:51	0°♊	
	-8276 Jul 09 j 09:25	0°♋	
desc. node	-8276 Jul 13 j 08:22	4°♋33'01	
	-8276 Aug 05 j 04:01	0°♌	
evening max el	-8276 Aug 16 j 10:55	11°♌50'01	47°46'13
	-8276 Sep 04 j 19:57	0°♍	
greatest brilliancy	-8276 Sep 26 j 15:13	13°♍53'41	-4.9m
retrograde	-8276 Oct 06 j 15:10	15°♍49'40	
evening set	-8276 Oct 21 j 13:16	11°♍17'54	
inferior conj	-8276 Oct 27 j 10:38	7°♍41'17	-1°31'00
minimum elong	-8276 Oct 27 j 13:50	7°♍36'12	1°29'45
min. Earth dist.	-8276 Oct 26 j 18:32	8°♍06'51	0.27215 AU
morning rise	-8276 Nov 02 j 15:16	3°♍56'49	
asc. node	-8276 Nov 02 j 14:31	3°♍57'50	
	-8276 Nov 14 j 00:00	30°℞♌	
direct	-8276 Nov 16 j 21:43	29°♌49'38	
	-8276 Nov 19 j 20:31	0°♍	
greatest brilliancy	-8276 Nov 26 j 03:37	1°♍26'46	-4.8m
	-8275 Jan 04 j 07:52	0°♎	
morning max el	-8275 Jan 05 j 01:30	0°♎42'30	46°05'31
	-8275 Feb 02 j 09:50	0°♏	
desc. node	-8275 Feb 23 j 07:02	23°♏08'03	
	-8275 Mar 01 j 08:22	0°♐	
	-8275 Mar 27 j 06:04	0°♑	
	-8275 Apr 21 j 10:49	0°♒	
	-8275 May 16 j 02:28	0°♓	
	-8275 Jun 09 j 07:59	0°♈	
asc. node	-8275 Jun 15 j 07:02	7°♈26'38	
morning set	-8275 Jun 30 j 06:50	26°♈15'11	
	-8275 Jul 03 j 06:15	0°♉	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8275 Jul 27 j 00:24	0°♊	
superior conj	-8275 Aug 08 j 09:44	15°♊40'29	1°23'12
minimum elong	-8275 Aug 08 j 08:42	15°♊37'14	1°23'43
max. Earth dist.	-8275 Aug 09 j 17:47	17°♊21'49	1.70745 AU
	-8275 Aug 19 j 17:42	0°♋	
	-8275 Sep 12 j 13:04	0°♌	
evening rise	-8275 Sep 19 j 10:53	8°♌40'10	
desc. node	-8275 Oct 05 j 17:56	29°♌02'39	
	-8275 Oct 06 j 12:19	0°♍	
	-8275 Oct 30 j 16:10	0°♎	
	-8275 Nov 24 j 01:04	0°♏	
	-8275 Dec 18 j 16:52	0°♐	
	-8274 Jan 12 j 20:20	0°♑	
asc. node	-8274 Jan 25 j 19:59	15°♑07'57	
	-8274 Feb 07 j 21:03	0°♒	
	-8274 Mar 07 j 16:04	0°♓	
evening max el	-8274 Mar 20 j 14:06	12°♓45'11	45°13'39
	-8274 Apr 09 j 19:46	0°♈	
greatest brilliancy	-8274 Apr 28 j 01:52	10°♈12'47	-4.7m
retrograde	-8274 May 08 j 03:52	12°♈01'21	
desc. node	-8274 May 18 j 13:55	9°♈55'44	
evening set	-8274 May 22 j 17:47	8°♈01'34	
inferior conj	-8274 May 29 j 04:46	4°♈21'39	-2°30'47
minimum elong	-8274 May 28 j 23:13	4°♈29'55	2°29'12
min. Earth dist.	-8274 May 29 j 17:29	4°♈02'39	0.27402 AU
morning rise	-8274 Jun 04 j 03:45	0°♈55'17	
	-8274 Jun 05 j 22:39	30°♓	
direct	-8274 Jun 19 j 08:18	26°♓30'24	
greatest brilliancy	-8274 Jun 30 j 18:02	28°♓52'34	-4.9m
	-8274 Jul 03 j 08:23	0°♈	
morning max el	-8274 Aug 08 j 20:12	29°♈10'53	46°44'40
	-8274 Aug 09 j 15:31	0°♉	
	-8274 Sep 06 j 01:12	0°♊	
asc. node	-8274 Sep 07 j 18:57	2°♊00'23	
	-8274 Oct 01 j 11:00	0°♋	
	-8274 Oct 26 j 04:38	0°♌	
	-8274 Nov 19 j 18:37	0°♍	
	-8274 Dec 14 j 09:39	0°♎	
desc. node	-8274 Dec 29 j 07:44	18°♎08'32	
	-8273 Jan 08 j 01:56	0°♏	
	-8273 Feb 01 j 17:40	0°♐	
morning set	-8273 Feb 12 j 20:42	13°♐34'20	
	-8273 Feb 26 j 07:05	0°♑	
max. Earth dist.	-8273 Mar 17 j 13:40	23°♑39'12	1.73599 AU
superior conj	-8273 Mar 20 j 16:44	27°♑30'07	-1°02'15
minimum elong	-8273 Mar 21 j 00:35	27°♑54'18	1°02'31
	-8273 Mar 22 j 17:26	0°♒	
	-8273 Apr 16 j 01:02	0°♓	
asc. node	-8273 Apr 20 j 06:33	5°♓13'55	
evening rise	-8273 Apr 25 j 01:33	11°♓09'42	
	-8273 May 10 j 06:34	0°♈	
	-8273 Jun 03 j 11:03	0°♉	
	-8273 Jun 27 j 15:56	0°♊	
	-8273 Jul 21 j 23:31	0°♋	
desc. node	-8273 Aug 10 j 19:34	24°♋15'22	
	-8273 Aug 15 j 13:04	0°♌	
	-8273 Sep 09 j 13:48	0°♍	
	-8273 Oct 05 j 13:12	0°♎	
evening max el	-8273 Oct 27 j 04:06	23°♎12'52	46°36'26
	-8273 Nov 03 j 00:58	0°♏	
asc. node	-8273 Dec 01 j 00:59	21°♏48'18	
greatest brilliancy	-8273 Dec 05 j 06:23	23°♏45'19	-4.8m
retrograde	-8273 Dec 16 j 12:01	26°♏07'53	
evening set	-8272 Jan 01 j 22:58	20°♏43'20	
min. Earth dist.	-8272 Jan 06 j 05:56	18°♏01'54	0.29179 AU
inferior conj	-8272 Jan 06 j 19:08	17°♏40'41	7°03'02
minimum elong	-8272 Jan 06 j 11:29	17°♏53'00	7°01'35
morning rise	-8272 Jan 11 j 00:22	15°♏01'06	
direct	-8272 Jan 28 j 07:16	9°♏15'20	
greatest brilliancy	-8272 Feb 06 j 08:38	10°♏45'29	-4.7m
	-8272 Mar 07 j 07:30	0°♐	
morning max el	-8272 Mar 17 j 02:09	8°♐52'58	45°54'58
desc. node	-8272 Mar 22 j 18:35	14°♐22'40	
	-8272 Apr 07 j 00:14	0°♑	
	-8272 May 04 j 03:25	0°♒	
	-8272 May 29 j 18:31	0°♓	
	-8272 Jun 23 j 12:22	0°♈	
asc. node	-8272 Jul 12 j 20:12	23°♈56'30	
	-8272 Jul 17 j 16:36	0°♉	
	-8272 Aug 10 j 12:55	0°♊	
	-8272 Sep 03 j 06:25	0°♋	
morning set	-8272 Sep 13 j 15:47	13°♋07'31	
	-8272 Sep 27 j 01:10	0°♌	
	-8272 Oct 20 j 23:38	0°♍	
superior conj	-8272 Oct 25 j 23:12	6°♍12'55	0°16'39
minimum elong	-8272 Oct 26 j 03:45	6°♍27'06	0°16'42
max. Earth dist.	-8272 Nov 01 j 01:47	13°♍49'22	1.71927 AU
desc. node	-8272 Nov 02 j 07:06	15°♍20'35	
	-8272 Nov 14 j 02:25	0°♎	
evening rise	-8272 Dec 06 j 16:18	27°♎54'57	
	-8272 Dec 08 j 08:52	0°♏	
	-8271 Jan 01 j 18:26	0°♐	
	-8271 Jan 26 j 07:46	0°♑	
	-8271 Feb 20 j 03:03	0°♒	
asc. node	-8271 Feb 22 j 07:35	2°♒37'39	
	-8271 Mar 17 j 07:37	0°♓	
	-8271 Apr 12 j 02:12	0°♈	
	-8271 May 08 j 20:54	0°♉	
evening max el	-8271 Jun 02 j 00:55	25°♉08'52	46°47'01
	-8271 Jun 07 j 02:01	0°♊	
desc. node	-8271 Jun 15 j 00:06	7°♊11'39	
greatest brilliancy	-8271 Jul 12 j 23:59	25°♊23'18	-4.9m
retrograde	-8271 Jul 22 j 06:25	26°♊58'55	
evening set	-8271 Aug 09 j 03:21	20°♊57'02	
inferior conj	-8271 Aug 11 j 22:06	19°♊16'39	-8°58'34
minimum elong	-8271 Aug 11 j 23:09	19°♊15'03	8°58'01
min. Earth dist.	-8271 Aug 11 j 16:19	19°♊25'25	0.26592 AU
morning rise	-8271 Aug 14 j 18:59	17°♊33'25	
direct	-8271 Sep 01 j 05:55	11°♊44'07	
greatest brilliancy	-8271 Sep 11 j 10:02	13°♊43'10	-4.9m
asc. node	-8271 Oct 05 j 06:06	29°♊25'03	
	-8271 Oct 05 j 22:09	0°♋	
morning max el	-8271 Oct 21 j 19:42	15°♋10'12	46°37'00
	-8271 Nov 04 j 20:59	0°♌	
	-8271 Dec 01 j 13:46	0°♍	
	-8271 Dec 27 j 09:16	0°♎	
	-8270 Jan 21 j 20:13	0°♏	
desc. node	-8270 Jan 25 j 20:46	4°♏46'05	
	-8270 Feb 16 j 00:56	0°♐	
	-8270 Mar 12 j 22:57	0°♑	
	-8270 Apr 06 j 13:53	0°♒	
morning set	-8270 Apr 20 j 11:12	17°♒04'36	
	-8270 Apr 30 j 22:11	0°♓	
asc. node	-8270 May 17 j 19:45	20°♓59'47	
max. Earth dist.	-8270 May 21 j 17:39	25°♓52'29	1.72156 AU
	-8270 May 25 j 00:59	0°♈	
superior conj	-8270 May 26 j 06:30	1°♈32'10	0°19'35
minimum elong	-8270 May 26 j 02:40	1°♈20'11	0°19'20
	-8270 Jun 17 j 23:52	0°♉	
evening rise	-8270 Jul 02 j 04:08	17°♉48'30	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8270 Jul 11 j 20:54	0°♊	
	-8270 Aug 04 j 18:23	0°♋	
	-8270 Aug 28 j 18:39	0°♌	
desc. node	-8270 Sep 07 j 07:29	11°♌50'56	
	-8270 Sep 21 j 23:44	0°♍	
	-8270 Oct 16 j 11:52	0°♎	
	-8270 Nov 10 j 11:30	0°♏	
	-8270 Dec 06 j 09:44	0°♐	
asc. node	-8270 Dec 28 j 11:20	23°♐49'11	
	-8269 Jan 03 j 14:51	0°♑	
evening max el	-8269 Jan 05 j 20:20	2°♑10'34	45°09'18
greatest brilliancy	-8269 Feb 12 j 11:33	29°♑42'24	-4.7m
	-8269 Feb 13 j 07:38	0°♒	
retrograde	-8269 Feb 23 j 01:11	1°♒42'37	
	-8269 Mar 04 j 09:51	30°℞♑	
evening set	-8269 Mar 11 j 23:51	26°♑20'11	
inferior conj	-8269 Mar 16 j 12:35	23°♑34'20	6°40'52
minimum elong	-8269 Mar 16 j 20:49	23°♑21'25	6°39'04
min. Earth dist.	-8269 Mar 17 j 13:00	22°♑56'05	0.29265 AU
morning rise	-8269 Mar 21 j 17:19	20°♑23'37	
direct	-8269 Apr 07 j 11:25	15°♑07'11	
greatest brilliancy	-8269 Apr 18 j 10:59	17°♑15'31	-4.7m
desc. node	-8269 Apr 20 j 05:30	17°♑57'46	
	-8269 May 09 j 07:29	0°♒	
morning max el	-8269 May 26 j 23:14	15°♒46'28	46°16'17
	-8269 Jun 09 j 21:45	0°♓	
	-8269 Jul 06 j 18:39	0°♈	
	-8269 Jul 31 j 23:26	0°♉	
asc. node	-8269 Aug 10 j 09:05	11°♉29'03	
	-8269 Aug 25 j 08:42	0°♊	
	-8269 Sep 18 j 09:16	0°♋	
	-8269 Oct 12 j 08:17	0°♌	
	-8269 Nov 05 j 10:00	0°♍	
	-8269 Nov 29 j 15:45	0°♎	
morning set	-8269 Nov 30 j 22:22	1°♎34'26	
desc. node	-8269 Nov 30 j 20:25	1°♎28'25	
	-8269 Dec 24 j 00:36	0°♏	
superior conj	-8268 Jan 09 j 20:03	20°♏39'02	-1°13'11
minimum elong	-8268 Jan 09 j 12:37	20°♏16'13	1°13'25
max. Earth dist.	-8268 Jan 10 j 14:11	21°♏34'41	1.73510 AU
	-8268 Jan 17 j 10:49	0°♐	
	-8268 Feb 10 j 21:24	0°♑	
evening rise	-8268 Feb 15 j 17:52	5°♑57'13	
greatest brilliancy	-8268 Feb 23 j 03:41	15°♑02'36	-3.9m
	-8268 Mar 06 j 08:31	0°♒	
asc. node	-8268 Mar 21 j 19:50	18°♒56'08	
	-8268 Mar 30 j 21:09	0°♓	
	-8268 Apr 24 j 12:23	0°♈	
	-8268 May 19 j 07:35	0°♉	
	-8268 Jun 13 j 09:33	0°♊	
	-8268 Jul 09 j 00:58	0°♋	
desc. node	-8268 Jul 12 j 10:37	3°♋53'51	
	-8268 Aug 04 j 23:41	0°♌	
evening max el	-8268 Aug 14 j 00:42	9°♌25'20	47°46'34
	-8268 Sep 05 j 08:47	0°♍	
greatest brilliancy	-8268 Sep 24 j 07:40	11°♍31'46	-4.9m
retrograde	-8268 Oct 04 j 05:30	13°♍26'14	
evening set	-8268 Oct 19 j 05:14	8°♍52'32	
min. Earth dist.	-8268 Oct 24 j 09:53	5°♍42'49	0.27165 AU
inferior conj	-8268 Oct 25 j 01:03	5°♍18'48	-1°53'00
minimum elong	-8268 Oct 25 j 05:01	5°♍12'31	1°51'30
morning rise	-8268 Oct 31 j 05:32	1°♍34'47	
asc. node	-8268 Nov 01 j 16:42	0°♍48'31	
	-8268 Nov 03 j 09:20	30°℞♌	
direct	-8268 Nov 14 j 10:54	27°♌27'52	
greatest brilliancy	-8268 Nov 23 j 18:55	29°♌06'49	-4.8m
	-8268 Nov 26 j 03:38	0°♍	
morning max el	-8267 Jan 02 j 16:21	28°♍26'17	46°06'28
	-8267 Jan 04 j 06:53	0°♎	
	-8267 Feb 02 j 02:00	0°♏	
desc. node	-8267 Feb 22 j 09:15	22°♏34'40	
	-8267 Feb 28 j 21:58	0°♐	
	-8267 Mar 26 j 18:24	0°♑	
	-8267 Apr 20 j 22:27	0°♒	
	-8267 May 15 j 13:45	0°♓	
	-8267 Jun 08 j 19:08	0°♈	
asc. node	-8267 Jun 14 j 09:02	6°♈58'10	
morning set	-8267 Jun 27 j 21:37	23°♈55'51	
	-8267 Jul 02 j 17:21	0°♉	
	-8267 Jul 26 j 11:30	0°♊	
superior conj	-8267 Aug 05 j 21:17	13°♊09'58	1°22'57
minimum elong	-8267 Aug 05 j 19:17	13°♊03'38	1°23'26
max. Earth dist.	-8267 Aug 06 j 23:26	14°♊32'39	1.70753 AU
	-8267 Aug 19 j 04:51	0°♋	
	-8267 Sep 12 j 00:16	0°♌	
evening rise	-8267 Sep 16 j 18:43	5°♌59'10	
desc. node	-8267 Oct 04 j 20:06	28°♌34'16	
	-8267 Oct 05 j 23:36	0°♍	
	-8267 Oct 30 j 03:33	0°♎	
	-8267 Nov 23 j 12:38	0°♏	
	-8267 Dec 18 j 04:50	0°♐	
	-8266 Jan 12 j 09:09	0°♑	
asc. node	-8266 Jan 24 j 22:14	14°♑35'26	
	-8266 Feb 07 j 11:42	0°♒	
	-8266 Mar 07 j 11:24	0°♓	
evening max el	-8266 Mar 18 j 05:13	10°♓32'10	45°11'47
	-8266 Apr 10 j 14:56	0°♈	
greatest brilliancy	-8266 Apr 25 j 13:47	7°♈53'12	-4.7m
retrograde	-8266 May 05 j 17:31	9°♈42'46	
desc. node	-8266 May 17 j 15:58	6°♈58'45	
evening set	-8266 May 20 j 06:41	5°♈43'20	
inferior conj	-8266 May 26 j 18:11	2°♈02'19	-2°09'14
minimum elong	-8266 May 26 j 13:23	2°♈09'28	2°07'52
min. Earth dist.	-8266 May 27 j 07:37	1°♈42'15	0.27458 AU
	-8266 May 30 j 04:57	30°℞♓	
morning rise	-8266 Jun 01 j 19:16	28°♓33'11	
direct	-8266 Jun 16 j 23:15	24°♓09'56	
greatest brilliancy	-8266 Jun 28 j 08:39	26°♓32'13	-4.9m
	-8266 Jul 05 j 09:47	0°♈	
morning max el	-8266 Aug 06 j 11:13	26°♈50'07	46°44'08
	-8266 Aug 09 j 13:24	0°♉	
	-8266 Sep 05 j 17:18	0°♊	
asc. node	-8266 Sep 06 j 21:08	1°♊20'38	
	-8266 Oct 01 j 00:54	0°♋	
	-8266 Oct 25 j 17:24	0°♌	
	-8266 Nov 19 j 06:41	0°♍	
	-8266 Dec 13 j 21:13	0°♎	
desc. node	-8266 Dec 28 j 09:53	17°♎40'38	
	-8265 Jan 07 j 13:08	0°♏	
	-8265 Feb 01 j 04:37	0°♐	
morning set	-8265 Feb 10 j 14:25	11°♐28'39	
	-8265 Feb 25 j 17:53	0°♑	
max. Earth dist.	-8265 Mar 15 j 12:45	21°♑49'31	1.73624 AU
superior conj	-8265 Mar 18 j 12:08	25°♑29'02	-1°04'07
minimum elong	-8265 Mar 18 j 19:54	25°♑52'54	1°04'24
	-8265 Mar 22 j 04:12	0°♒	
	-8265 Apr 15 j 11:51	0°♓	
asc. node	-8265 Apr 19 j 08:37	4°♓46'47	
evening rise	-8265 Apr 22 j 20:58	9°♓07'37	
	-8265 May 09 j 17:34	0°♈	
	-8265 Jun 02 j 22:21	0°♉	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8265 Jun 27 j 03:39	0°♊	
	-8265 Jul 21 j 11:47	0°♋	
desc. node	-8265 Aug 09 j 21:49	23°♋43'15	
	-8265 Aug 15 j 02:04	0°♌	
	-8265 Sep 09 j 03:59	0°♍	
	-8265 Oct 05 j 05:51	0°♎	
evening max el	-8265 Oct 24 j 21:12	21°♎00'45	46°40'01
	-8265 Nov 03 j 01:31	0°♏	
asc. node	-8265 Nov 30 j 03:08	20°♏20'00	
greatest brilliancy	-8265 Dec 02 j 23:57	21°♏36'15	-4.8m
retrograde	-8265 Dec 14 j 05:48	23°♏58'46	
evening set	-8265 Dec 30 j 13:49	18°♏38'06	
min. Earth dist.	-8264 Jan 03 j 21:46	15°♏55'01	0.29124 AU
inferior conj	-8264 Jan 04 j 12:17	15°♏31'37	6°53'44
minimum elong	-8264 Jan 04 j 04:21	15°♏44'25	6°52'11
morning rise	-8264 Jan 08 j 19:21	12°♏49'13	
direct	-8264 Jan 26 j 00:11	7°♏07'20	
greatest brilliancy	-8264 Feb 03 j 23:21	8°♏35'59	-4.7m
	-8264 Mar 07 j 10:06	0°♐	
morning max el	-8264 Mar 14 j 18:36	6°♐45'35	45°54'37
desc. node	-8264 Mar 21 j 20:47	13°♐38'30	
	-8264 Apr 06 j 16:53	0°♑	
	-8264 May 03 j 17:09	0°♒	
	-8264 May 29 j 06:58	0°♓	
	-8264 Jun 23 j 00:09	0°♈	
asc. node	-8264 Jul 11 j 22:28	23°♈27'45	
	-8264 Jul 17 j 04:02	0°♉	
	-8264 Aug 10 j 00:12	0°♊	
	-8264 Sep 02 j 17:37	0°♋	
morning set	-8264 Sep 11 j 01:29	10°♋31'25	
	-8264 Sep 26 j 12:19	0°♌	
	-8264 Oct 20 j 10:44	0°♍	
superior conj	-8264 Oct 23 j 08:02	3°♍36'14	0°20'29
minimum elong	-8264 Oct 23 j 13:35	3°♍53'33	0°20'31
max. Earth dist.	-8264 Oct 29 j 15:40	11°♍28'44	1.71859 AU
desc. node	-8264 Nov 01 j 09:06	14°♍52'21	
	-8264 Nov 13 j 13:27	0°♎	
evening rise	-8264 Dec 04 j 05:14	25°♎32'55	
	-8264 Dec 07 j 19:51	0°♏	
	-8263 Jan 01 j 05:28	0°♐	
	-8263 Jan 25 j 19:00	0°♑	
	-8263 Feb 19 j 14:46	0°♒	
asc. node	-8263 Feb 21 j 09:49	2°♒09'06	
	-8263 Mar 16 j 20:13	0°♓	
	-8263 Apr 11 j 16:26	0°♈	
	-8263 May 08 j 14:27	0°♉	
evening max el	-8263 May 30 j 13:51	22°♉44'18	46°43'20
	-8263 Jun 07 j 05:12	0°♊	
desc. node	-8263 Jun 14 j 02:22	6°♊06'21	
greatest brilliancy	-8263 Jul 10 j 11:44	22°♊53'31	-4.9m
retrograde	-8263 Jul 19 j 17:33	24°♊28'30	
evening set	-8263 Aug 06 j 14:23	18°♊28'52	
inferior conj	-8263 Aug 09 j 10:02	16°♊47'10	-8°58'48
minimum elong	-8263 Aug 09 j 10:06	16°♊47'04	8°58'18
min. Earth dist.	-8263 Aug 09 j 04:33	16°♊55'28	0.26597 AU
morning rise	-8263 Aug 12 j 05:50	15°♊05'28	
direct	-8263 Aug 29 j 17:58	9°♊14'45	
greatest brilliancy	-8263 Sep 08 j 23:21	11°♊14'22	-4.9m
asc. node	-8263 Oct 04 j 08:18	28°♊18'20	
	-8263 Oct 06 j 05:39	0°♋	
morning max el	-8263 Oct 19 j 07:30	12°♋39'35	46°37'49
	-8263 Nov 04 j 15:35	0°♌	
	-8263 Dec 01 j 04:42	0°♍	
	-8263 Dec 26 j 22:26	0°♎	
	-8262 Jan 21 j 08:22	0°♏	
desc. node	-8262 Jan 24 j 22:58	4°♏16'57	
	-8262 Feb 15 j 12:27	0°♐	
	-8262 Mar 12 j 10:03	0°♑	
	-8262 Apr 06 j 00:45	0°♒	
morning set	-8262 Apr 18 j 06:26	15°♒02'36	
	-8262 Apr 30 j 08:59	0°♓	
asc. node	-8262 May 16 j 21:50	20°♓32'31	
max. Earth dist.	-8262 May 19 j 10:48	23°♓42'29	1.72224 AU
superior conj	-8262 May 24 j 00:16	29°♓23'54	0°16'29
minimum elong	-8262 May 23 j 21:02	29°♓13'48	0°16'16
	-8262 May 24 j 11:50	0°♈	
	-8262 Jun 17 j 10:52	0°♉	
evening rise	-8262 Jun 29 j 19:08	15°♉30'05	
	-8262 Jul 11 j 08:04	0°♊	
	-8262 Aug 04 j 05:45	0°♋	
	-8262 Aug 28 j 06:15	0°♌	
desc. node	-8262 Sep 06 j 09:37	11°♌21'09	
	-8262 Sep 21 j 11:40	0°♍	
	-8262 Oct 16 j 00:18	0°♎	
	-8262 Nov 10 j 00:51	0°♏	
	-8262 Dec 06 j 01:06	0°♐	
asc. node	-8262 Dec 27 j 13:43	23°♐06'03	
evening max el	-8261 Jan 03 j 10:49	29°♐56'33	45°11'13
	-8261 Jan 03 j 12:14	0°♑	
greatest brilliancy	-8261 Feb 10 j 03:20	27°♑35'16	-4.7m
retrograde	-8261 Feb 20 j 17:44	29°♑36'50	
evening set	-8261 Mar 09 j 18:42	24°♑10'13	
inferior conj	-8261 Mar 14 j 05:23	21°♑27'21	6°50'49
minimum elong	-8261 Mar 14 j 13:21	21°♑14'51	6°49'08
min. Earth dist.	-8261 Mar 15 j 05:18	20°♑49'53	0.29311 AU
morning rise	-8261 Mar 19 j 07:32	18°♑20'15	
direct	-8261 Apr 05 j 03:50	12°♑59'16	
greatest brilliancy	-8261 Apr 16 j 03:16	15°♑07'16	-4.7m
desc. node	-8261 Apr 19 j 07:33	16°♑26'28	
	-8261 May 09 j 15:42	0°♒	
morning max el	-8261 May 24 j 15:07	13°♒34'20	46°15'13
	-8261 Jun 09 j 15:41	0°♓	
	-8261 Jul 06 j 09:08	0°♈	
	-8261 Jul 31 j 12:29	0°♉	
asc. node	-8261 Aug 09 j 11:15	10°♉56'41	
	-8261 Aug 24 j 21:00	0°♊	
	-8261 Sep 17 j 21:08	0°♋	
	-8261 Oct 11 j 19:51	0°♌	
	-8261 Nov 04 j 21:21	0°♍	
morning set	-8261 Nov 28 j 10:00	29°♍07'45	
	-8261 Nov 29 j 02:55	0°♎	
desc. node	-8261 Nov 29 j 22:34	1°♎00'38	
	-8261 Dec 23 j 11:37	0°♏	
superior conj	-8260 Jan 07 j 11:41	18°♏26'07	-1°11'42
minimum elong	-8260 Jan 07 j 03:47	18°♏01'51	1°11'53
max. Earth dist.	-8260 Jan 08 j 07:30	19°♏26'55	1.73476 AU
	-8260 Jan 16 j 21:45	0°♐	
	-8260 Feb 10 j 08:18	0°♑	
evening rise	-8260 Feb 13 j 12:17	3°♑53'00	
greatest brilliancy	-8260 Feb 21 j 14:11	13°♑47'37	-3.9m
	-8260 Mar 05 j 19:32	0°♒	
asc. node	-8260 Mar 20 j 21:57	18°♒28'25	
	-8260 Mar 30 j 08:27	0°♓	
	-8260 Apr 24 j 00:12	0°♈	
	-8260 May 18 j 20:11	0°♉	
	-8260 Jun 12 j 23:20	0°♊	
	-8260 Jul 08 j 16:48	0°♋	
desc. node	-8260 Jul 11 j 12:51	3°♋14'05	
	-8260 Aug 04 j 20:05	0°♌	
evening max el	-8260 Aug 11 j 15:06	7°♌01'52	47°46'47
	-8260 Sep 06 j 02:14	0°♍	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

greatest brilliancy	-8260 Sep 21 j 23:23	9°♍07'58	-4.9m
retrograde	-8260 Oct 01 j 20:04	11°♍01'36	
evening set	-8260 Oct 16 j 21:04	6°♍25'35	
min. Earth dist.	-8260 Oct 22 j 00:39	3°♍17'52	0.27114 AU
inferior conj	-8260 Oct 22 j 15:09	2°♍54'58	-2°14'58
minimum elong	-8260 Oct 22 j 19:52	2°♍47'31	2°13'14
	-8260 Oct 27 j 09:14	30°℞♌	
morning rise	-8260 Oct 28 j 19:21	29°♌11'56	
asc. node	-8260 Oct 31 j 18:51	27°♌42'01	
direct	-8260 Nov 12 j 00:11	25°♌04'52	
greatest brilliancy	-8260 Nov 21 j 09:31	26°♌45'20	-4.8m
	-8260 Nov 28 j 16:04	0°♍	
morning max el	-8260 Dec 31 j 07:42	26°♍11'05	46°07'25
	-8259 Jan 04 j 05:02	0°♎	
	-8259 Feb 01 j 17:55	0°♏	
desc. node	-8259 Feb 21 j 11:20	22°♏01'02	
	-8259 Feb 28 j 11:29	0°♐	
	-8259 Mar 26 j 06:43	0°♑	
	-8259 Apr 20 j 10:06	0°♒	
	-8259 May 15 j 01:04	0°♓	
	-8259 Jun 08 j 06:17	0°♈	
asc. node	-8259 Jun 13 j 11:21	6°♈30'34	
morning set	-8259 Jun 25 j 12:46	21°♈37'41	
	-8259 Jul 02 j 04:29	0°♉	
	-8259 Jul 25 j 22:41	0°♊	
superior conj	-8259 Aug 03 j 08:57	10°♊39'32	1°22'31
minimum elong	-8259 Aug 03 j 06:01	10°♊30'15	1°22'59
max. Earth dist.	-8259 Aug 04 j 05:31	11°♊44'34	1.70768 AU
	-8259 Aug 18 j 16:07	0°♋	
	-8259 Sep 11 j 11:38	0°♌	
evening rise	-8259 Sep 14 j 02:12	3°♌16'23	
desc. node	-8259 Oct 03 j 22:07	28°♌04'51	
	-8259 Oct 05 j 11:03	0°♍	
	-8259 Oct 29 j 15:06	0°♎	
	-8259 Nov 23 j 00:22	0°♏	
	-8259 Dec 17 j 16:59	0°♐	
	-8258 Jan 11 j 22:13	0°♑	
asc. node	-8258 Jan 24 j 00:28	14°♑02'12	
	-8258 Feb 07 j 02:44	0°♒	
	-8258 Mar 07 j 07:31	0°♓	
evening max el	-8258 Mar 15 j 20:48	8°♓19'51	45°09'58
	-8258 Apr 11 j 17:08	0°♈	
greatest brilliancy	-8258 Apr 23 j 02:24	5°♈34'28	-4.7m
retrograde	-8258 May 03 j 06:59	7°♈24'15	
desc. node	-8258 May 16 j 18:14	3°♈57'36	
evening set	-8258 May 17 j 19:59	3°♈25'15	
	-8258 May 23 j 20:34	30°℞♓	
inferior conj	-8258 May 24 j 07:45	29°♓43'16	-1°47'38
minimum elong	-8258 May 24 j 03:43	29°♓49'17	1°46'31
min. Earth dist.	-8258 May 24 j 21:57	29°♓22'01	0.27511 AU
morning rise	-8258 May 30 j 10:41	26°♓11'25	
direct	-8258 Jun 14 j 14:21	21°♓49'57	
greatest brilliancy	-8258 Jun 25 j 23:00	24°♓11'37	-4.8m
	-8258 Jul 06 j 18:54	0°♈	
morning max el	-8258 Aug 04 j 01:19	24°♈26'54	46°43'28
	-8258 Aug 09 j 10:37	0°♉	
	-8258 Sep 05 j 09:18	0°♊	
asc. node	-8258 Sep 05 j 23:19	0°♊40'47	
	-8258 Sep 30 j 14:54	0°♋	
	-8258 Oct 25 j 06:22	0°♌	
	-8258 Nov 18 j 19:00	0°♍	
	-8258 Dec 13 j 09:03	0°♎	
desc. node	-8258 Dec 27 j 12:06	17°♎12'04	
	-8257 Jan 07 j 00:35	0°♏	
	-8257 Jan 31 j 15:47	0°♐	
morning set	-8257 Feb 08 j 07:51	9°♐21'27	
	-8257 Feb 25 j 04:54	0°♑	
max. Earth dist.	-8257 Mar 13 j 10:38	19°♑55'28	1.73647 AU
superior conj	-8257 Mar 16 j 07:29	23°♑27'05	-1°05'53
minimum elong	-8257 Mar 16 j 15:06	23°♑50'30	1°06'13
	-8257 Mar 21 j 15:12	0°♒	
	-8257 Apr 14 j 22:57	0°♓	
asc. node	-8257 Apr 18 j 10:46	4°♓19'02	
evening rise	-8257 Apr 20 j 16:27	7°♓04'59	
	-8257 May 09 j 04:51	0°♈	
	-8257 Jun 02 j 09:54	0°♉	
	-8257 Jun 26 j 15:36	0°♊	
	-8257 Jul 21 j 00:17	0°♋	
desc. node	-8257 Aug 08 j 23:55	23°♋09'59	
	-8257 Aug 14 j 15:21	0°♌	
	-8257 Sep 08 j 18:33	0°♍	
	-8257 Oct 04 j 23:07	0°♎	
evening max el	-8257 Oct 22 j 13:35	18°♎45'32	46°43'23
	-8257 Nov 03 j 03:53	0°♏	
asc. node	-8257 Nov 29 j 05:32	18°♏47'27	
greatest brilliancy	-8257 Nov 30 j 18:07	19°♏26'12	-4.8m
retrograde	-8257 Dec 11 j 23:01	21°♏47'46	
evening set	-8257 Dec 28 j 04:32	16°♏31'14	
min. Earth dist.	-8256 Jan 01 j 13:51	13°♏45'57	0.29064 AU
inferior conj	-8256 Jan 02 j 05:20	13°♏20'58	6°43'46
minimum elong	-8256 Jan 01 j 21:09	13°♏34'11	6°42'08
morning rise	-8256 Jan 06 j 14:16	10°♏35'31	
direct	-8256 Jan 23 j 16:41	4°♏57'50	
greatest brilliancy	-8256 Feb 01 j 14:28	6°♏25'21	-4.7m
	-8256 Mar 07 j 11:46	0°♐	
morning max el	-8256 Mar 12 j 09:56	4°♐34'27	45°54'20
desc. node	-8256 Mar 20 j 22:55	12°♐53'55	
	-8256 Apr 06 j 09:34	0°♑	
	-8256 May 03 j 07:05	0°♒	
	-8256 May 28 j 19:38	0°♓	
	-8256 Jun 22 j 12:11	0°♈	
asc. node	-8256 Jul 11 j 00:35	22°♈57'36	
	-8256 Jul 16 j 15:44	0°♉	
	-8256 Aug 09 j 11:44	0°♊	
	-8256 Sep 02 j 05:04	0°♋	
morning set	-8256 Sep 08 j 11:37	7°♋55'48	
	-8256 Sep 25 j 23:43	0°♌	
	-8256 Oct 19 j 22:05	0°♍	
superior conj	-8256 Oct 20 j 17:03	0°♍59'13	0°24'15
minimum elong	-8256 Oct 20 j 23:33	1°♍19'31	0°24'17
max. Earth dist.	-8256 Oct 27 j 05:12	9°♍06'04	1.71794 AU
desc. node	-8256 Oct 31 j 11:17	14°♍23'49	
	-8256 Nov 13 j 00:45	0°♎	
evening rise	-8256 Dec 01 j 17:49	23°♎08'41	
	-8256 Dec 07 j 07:10	0°♏	
	-8256 Dec 31 j 16:51	0°♐	
	-8255 Jan 25 j 06:37	0°♑	
	-8255 Feb 19 j 02:51	0°♒	
asc. node	-8255 Feb 20 j 11:55	1°♒39'04	
	-8255 Mar 16 j 09:14	0°♓	
	-8255 Apr 11 j 07:11	0°♈	
	-8255 May 08 j 08:47	0°♉	
evening max el	-8255 May 28 j 01:47	20°♉16'22	46°39'35
	-8255 Jun 07 j 10:35	0°♊	
desc. node	-8255 Jun 13 j 04:40	4°♊58'18	
greatest brilliancy	-8255 Jul 07 j 23:38	20°♊22'55	-4.9m
retrograde	-8255 Jul 17 j 04:38	21°♊57'27	
evening set	-8255 Aug 04 j 00:45	16°♊00'43	
inferior conj	-8255 Aug 06 j 21:57	14°♊16'57	-8°57'56
minimum elong	-8255 Aug 06 j 21:00	14°♊18'23	8°57'26
min. Earth dist.	-8255 Aug 06 j 16:58	14°♊24'30	0.26603 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning rise	-8255 Aug 09 j 17:14	12°♊36'03	
direct	-8255 Aug 27 j 05:39	6°♊44'22	
greatest brilliancy	-8255 Sep 06 j 13:04	8°♊45'20	-4.9m
asc. node	-8255 Oct 03 j 10:27	27°♊12'35	
	-8255 Oct 06 j 11:14	0°♋	
morning max el	-8255 Oct 16 j 19:19	10°♋08'05	46°38'49
	-8255 Nov 04 j 09:59	0°♌	
	-8255 Nov 30 j 19:41	0°♍	
	-8255 Dec 26 j 11:48	0°♎	
	-8254 Jan 20 j 20:48	0°♏	
desc. node	-8254 Jan 24 j 00:59	3°♏46'21	
	-8254 Feb 15 j 00:16	0°♐	
	-8254 Mar 11 j 21:28	0°♑	
	-8254 Apr 05 j 11:56	0°♒	
morning set	-8254 Apr 16 j 01:36	12°♒59'29	
	-8254 Apr 29 j 20:04	0°♓	
asc. node	-8254 May 16 j 00:04	20°♓04'49	
max. Earth dist.	-8254 May 17 j 06:18	21°♓39'00	1.72291 AU
superior conj	-8254 May 21 j 18:04	27°♓14'57	0°13'23
minimum elong	-8254 May 21 j 15:27	27°♓06'45	0°13'11
behind sun begin	-8254 May 21 j 02:36	26°♓26'40	
behind sun end	-8254 May 22 j 04:17	27°♓46'50	
	-8254 May 23 j 22:58	0°♈	
	-8254 Jun 16 j 22:09	0°♉	
evening rise	-8254 Jun 27 j 10:28	13°♉11'51	
	-8254 Jul 10 j 19:33	0°♊	
	-8254 Aug 03 j 17:26	0°♋	
	-8254 Aug 27 j 18:11	0°♌	
desc. node	-8254 Sep 05 j 11:43	10°♌50'21	
	-8254 Sep 20 j 23:54	0°♍	
	-8254 Oct 15 j 13:02	0°♎	
	-8254 Nov 09 j 14:30	0°♏	
	-8254 Dec 05 j 16:53	0°♐	
asc. node	-8254 Dec 26 j 15:51	22°♐21'09	
evening max el	-8253 Jan 01 j 01:52	27°♐43'15	45°13'09
	-8253 Jan 03 j 10:43	0°♑	
greatest brilliancy	-8253 Feb 07 j 18:46	25°♑27'05	-4.7m
retrograde	-8253 Feb 18 j 10:53	27°♑30'29	
evening set	-8253 Mar 07 j 13:35	21°♑59'45	
inferior conj	-8253 Mar 11 j 22:17	19°♑19'41	7°00'07
minimum elong	-8253 Mar 12 j 05:56	19°♑07'41	6°58'33
min. Earth dist.	-8253 Mar 12 j 21:19	18°♑43'37	0.29356 AU
morning rise	-8253 Mar 16 j 21:53	16°♑16'21	
direct	-8253 Apr 02 j 20:43	10°♑50'45	
greatest brilliancy	-8253 Apr 13 j 19:16	12°♑58'10	-4.7m
desc. node	-8253 Apr 18 j 09:49	14°♑57'46	
	-8253 May 09 j 21:58	0°♒	
morning max el	-8253 May 22 j 07:56	11°♒23'56	46°14'09
	-8253 Jun 09 j 09:29	0°♓	
	-8253 Jul 05 j 23:42	0°♈	
	-8253 Jul 31 j 01:40	0°♉	
asc. node	-8253 Aug 08 j 13:20	10°♉23'32	
	-8253 Aug 24 j 09:29	0°♊	
	-8253 Sep 17 j 09:11	0°♋	
	-8253 Oct 11 j 07:38	0°♌	
	-8253 Nov 04 j 08:54	0°♍	
morning set	-8253 Nov 25 j 21:48	26°♍40'56	
	-8253 Nov 28 j 14:16	0°♎	
desc. node	-8253 Nov 29 j 00:44	0°♎32'19	
	-8253 Dec 22 j 22:47	0°♏	
superior conj	-8252 Jan 05 j 03:25	16°♏12'57	-1°10'06
minimum elong	-8252 Jan 04 j 19:03	15°♏47'18	1°10'14
max. Earth dist.	-8252 Jan 06 j 02:28	17°♏23'46	1.73442 AU
	-8252 Jan 16 j 08:48	0°♐	
	-8252 Feb 09 j 19:22	0°♑	
evening rise	-8252 Feb 11 j 06:50	1°♑48'48	
greatest brilliancy	-8252 Feb 20 j 02:31	12°♑37'45	-3.9m
	-8252 Mar 05 j 06:45	0°♒	
asc. node	-8252 Mar 20 j 00:07	18°♒00'15	
	-8252 Mar 29 j 19:59	0°♓	
	-8252 Apr 23 j 12:15	0°♈	
	-8252 May 18 j 09:02	0°♉	
	-8252 Jun 12 j 13:24	0°♊	
	-8252 Jul 08 j 09:02	0°♋	
desc. node	-8252 Jul 10 j 14:57	2°♋33'05	
	-8252 Aug 04 j 17:20	0°♌	
evening max el	-8252 Aug 09 j 06:21	4°♌40'11	47°46'47
	-8252 Sep 07 j 01:59	0°♍	
greatest brilliancy	-8252 Sep 19 j 14:28	6°♍42'46	-4.9m
retrograde	-8252 Sep 29 j 10:52	8°♍36'00	
evening set	-8252 Oct 14 j 12:58	3°♍57'36	
min. Earth dist.	-8252 Oct 19 j 15:01	0°♍52'21	0.27064 AU
inferior conj	-8252 Oct 20 j 05:06	0°♍30'09	-2°36'56
minimum elong	-8252 Oct 20 j 10:33	0°♍21'34	2°34'59
	-8252 Oct 21 j 00:17	30°℞♌	
morning rise	-8252 Oct 26 j 08:50	26°♌48'29	
asc. node	-8252 Oct 30 j 21:14	24°♌39'12	
direct	-8252 Nov 09 j 13:56	22°♌41'04	
greatest brilliancy	-8252 Nov 18 j 23:32	24°♌22'25	-4.8m
	-8252 Nov 30 j 06:38	0°♍	
morning max el	-8252 Dec 28 j 23:23	23°♍56'17	46°08'30
	-8251 Jan 04 j 02:29	0°♎	
	-8251 Feb 01 j 09:37	0°♏	
desc. node	-8251 Feb 20 j 13:28	21°♏27'41	
	-8251 Feb 28 j 00:55	0°♐	
	-8251 Mar 25 j 19:00	0°♑	
	-8251 Apr 19 j 21:48	0°♒	
	-8251 May 14 j 12:27	0°♓	
	-8251 Jun 07 j 17:31	0°♈	
asc. node	-8251 Jun 12 j 13:27	6°♈02'03	
morning set	-8251 Jun 23 j 04:05	19°♈19'54	
	-8251 Jul 01 j 15:41	0°♉	
	-8251 Jul 25 j 09:55	0°♊	
superior conj	-8251 Jul 31 j 20:52	8°♊09'51	1°21'55
minimum elong	-8251 Jul 31 j 17:04	7°♊57'50	1°22'22
max. Earth dist.	-8251 Aug 01 j 10:20	8°♊52'25	1.70783 AU
	-8251 Aug 18 j 03:25	0°♋	
	-8251 Sep 10 j 23:03	0°♌	
evening rise	-8251 Sep 11 j 09:47	0°♌33'44	
desc. node	-8251 Oct 03 j 00:19	27°♌35'50	
	-8251 Oct 04 j 22:34	0°♍	
	-8251 Oct 29 j 02:43	0°♎	
	-8251 Nov 22 j 12:10	0°♏	
	-8251 Dec 17 j 05:12	0°♐	
	-8250 Jan 11 j 11:19	0°♑	
asc. node	-8250 Jan 23 j 02:38	13°♑28'49	
	-8250 Feb 06 j 17:52	0°♒	
	-8250 Mar 07 j 04:09	0°♓	
evening max el	-8250 Mar 13 j 12:01	6°♓07'04	45°08'08
	-8250 Apr 13 j 05:44	0°♈	
greatest brilliancy	-8250 Apr 20 j 15:42	3°♈17'04	-4.7m
retrograde	-8250 Apr 30 j 20:04	5°♈06'21	
evening set	-8250 May 15 j 09:37	1°♈07'33	
desc. node	-8250 May 15 j 20:29	0°♈53'23	
	-8250 May 17 j 11:43	30°℞♓	
inferior conj	-8250 May 21 j 21:28	27°♓24'56	-1°26'05
minimum elong	-8250 May 21 j 18:14	27°♓29'47	1°25'12
min. Earth dist.	-8250 May 22 j 12:43	27°♓02'03	0.27569 AU
morning rise	-8250 May 28 j 02:02	23°♓50'21	
direct	-8250 Jun 12 j 05:09	19°♓30'33	
greatest brilliancy	-8250 Jun 23 j 13:46	21°♓51'44	-4.8m

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8250 Jul 07 j 18:42	0°♈	
morning max el	-8250 Aug 01 j 14:38	22°♈01'44	46°42'48
	-8250 Aug 09 j 07:09	0°♉	
asc. node	-8250 Sep 05 j 01:33	0°♊01'28	
	-8250 Sep 05 j 01:03	0°♊	
	-8250 Sep 30 j 04:44	0°♋	
	-8250 Oct 24 j 19:12	0°♌	
	-8250 Nov 18 j 07:11	0°♍	
	-8250 Dec 12 j 20:46	0°♎	
desc. node	-8250 Dec 26 j 14:03	16°♎43'01	
	-8249 Jan 06 j 11:56	0°♏	
	-8249 Jan 31 j 02:52	0°♐	
morning set	-8249 Feb 06 j 01:19	7°♐14'38	
	-8249 Feb 24 j 15:48	0°♑	
max. Earth dist.	-8249 Mar 11 j 07:39	17°♑59'19	1.73665 AU
superior conj	-8249 Mar 14 j 03:02	21°♑26'20	-1°07'35
minimum elong	-8249 Mar 14 j 10:29	21°♑49'12	1°07'55
	-8249 Mar 21 j 02:03	0°♒	
	-8249 Apr 14 j 09:52	0°♓	
asc. node	-8249 Apr 17 j 13:02	3°♓52'15	
evening rise	-8249 Apr 18 j 12:10	5°♓03'43	
	-8249 May 08 j 15:58	0°♈	
	-8249 Jun 01 j 21:21	0°♉	
	-8249 Jun 26 j 03:31	0°♊	
	-8249 Jul 20 j 12:45	0°♋	
desc. node	-8249 Aug 08 j 02:04	22°♋37'04	
	-8249 Aug 14 j 04:36	0°♌	
	-8249 Sep 08 j 09:08	0°♍	
	-8249 Oct 04 j 16:36	0°♎	
evening max el	-8249 Oct 20 j 04:52	16°♎27'42	46°46'47
	-8249 Nov 03 j 07:38	0°♏	
asc. node	-8249 Nov 28 j 07:41	17°♏11'39	
greatest brilliancy	-8249 Nov 28 j 12:33	17°♏16'34	-4.8m
retrograde	-8249 Dec 09 j 15:53	19°♏37'00	
evening set	-8249 Dec 25 j 19:13	14°♏24'26	
inferior conj	-8249 Dec 30 j 22:21	11°♏10'34	6°33'15
minimum elong	-8249 Dec 30 j 13:58	11°♏24'08	6°31'31
min. Earth dist.	-8249 Dec 30 j 06:15	11°♏36'36	0.29003 AU
morning rise	-8248 Jan 04 j 09:12	8°♏21'58	
direct	-8248 Jan 21 j 08:42	2°♏48'27	
greatest brilliancy	-8248 Jan 30 j 06:11	4°♏15'31	-4.7m
	-8248 Mar 07 j 11:59	0°♐	
morning max el	-8248 Mar 10 j 00:43	2°♐22'25	45°54'17
desc. node	-8248 Mar 20 j 01:08	12°♐10'42	
	-8248 Apr 06 j 01:43	0°♑	
	-8248 May 02 j 20:37	0°♒	
	-8248 May 28 j 07:59	0°♓	
	-8248 Jun 21 j 23:56	0°♈	
asc. node	-8248 Jul 10 j 02:41	22°♈28'11	
	-8248 Jul 16 j 03:12	0°♉	
	-8248 Aug 08 j 23:05	0°♊	
	-8248 Sep 01 j 16:22	0°♋	
morning set	-8248 Sep 05 j 21:27	5°♋19'33	
	-8248 Sep 25 j 10:58	0°♌	
superior conj	-8248 Oct 18 j 01:38	28°♌21'16	0°28'01
minimum elong	-8248 Oct 18 j 09:03	28°♌44'26	0°28'02
	-8248 Oct 19 j 09:15	0°♍	
max. Earth dist.	-8248 Oct 24 j 16:06	6°♍35'37	1.71724 AU
desc. node	-8248 Oct 30 j 13:27	13°♍55'49	
	-8248 Nov 12 j 11:54	0°♎	
evening rise	-8248 Nov 29 j 05:54	20°♎43'28	
	-8248 Dec 06 j 18:18	0°♏	
	-8248 Dec 31 j 04:04	0°♐	
	-8247 Jan 24 j 18:03	0°♑	
	-8247 Feb 18 j 14:46	0°♒	
asc. node	-8247 Feb 19 j 14:11	1°♒10'02	
	-8247 Mar 15 j 22:05	0°♓	
	-8247 Apr 10 j 21:48	0°♈	
	-8247 May 08 j 03:09	0°♉	
evening max el	-8247 May 25 j 13:17	17°♉48'51	46°35'56
	-8247 Jun 07 j 17:29	0°♊	
desc. node	-8247 Jun 12 j 06:43	3°♊49'02	
greatest brilliancy	-8247 Jul 05 j 11:02	17°♊53'05	-4.9m
retrograde	-8247 Jul 14 j 16:01	19°♊27'54	
evening set	-8247 Aug 01 j 10:34	13°♊34'22	
inferior conj	-8247 Aug 04 j 09:54	11°♊47'48	-8°55'58
minimum elong	-8247 Aug 04 j 07:57	11°♊50'45	8°55'25
min. Earth dist.	-8247 Aug 04 j 05:13	11°♊54'53	0.26618 AU
morning rise	-8247 Aug 07 j 05:19	10°♊06'57	
direct	-8247 Aug 24 j 17:34	4°♊14'46	
greatest brilliancy	-8247 Sep 04 j 02:55	6°♊17'23	-4.9m
asc. node	-8247 Oct 02 j 12:48	26°♊09'28	
	-8247 Oct 06 j 14:46	0°♋	
morning max el	-8247 Oct 14 j 07:56	7°♋39'04	46°39'41
	-8247 Nov 04 j 03:47	0°♌	
	-8247 Nov 30 j 10:20	0°♍	
	-8247 Dec 26 j 00:52	0°♎	
	-8246 Jan 20 j 08:56	0°♏	
desc. node	-8246 Jan 23 j 03:11	3°♏17'03	
	-8246 Feb 14 j 11:47	0°♐	
	-8246 Mar 11 j 08:36	0°♑	
	-8246 Apr 04 j 22:51	0°♒	
morning set	-8246 Apr 13 j 20:54	10°♒57'36	
	-8246 Apr 29 j 06:54	0°♓	
max. Earth dist.	-8246 May 15 j 02:31	19°♓38'42	1.72349 AU
asc. node	-8246 May 15 j 02:13	19°♓37'44	
superior conj	-8246 May 19 j 12:11	25°♓07'56	0°10'19
minimum elong	-8246 May 19 j 10:10	25°♓01'39	0°10'06
behind sun begin	-8246 May 18 j 16:35	24°♓06'48	
behind sun end	-8246 May 20 j 03:46	25°♓56'32	
	-8246 May 23 j 09:49	0°♈	
	-8246 Jun 16 j 09:07	0°♉	
evening rise	-8246 Jun 25 j 02:20	10°♉56'25	
	-8246 Jul 10 j 06:40	0°♊	
	-8246 Aug 03 j 04:47	0°♋	
	-8246 Aug 27 j 05:49	0°♌	
desc. node	-8246 Sep 04 j 13:56	10°♌20'50	
	-8246 Sep 20 j 11:54	0°♍	
	-8246 Oct 15 j 01:36	0°♎	
	-8246 Nov 09 j 04:04	0°♏	
	-8246 Dec 05 j 08:44	0°♐	
asc. node	-8246 Dec 25 j 18:04	21°♐36'13	
evening max el	-8246 Dec 29 j 17:30	25°♐31'50	45°15'19
	-8245 Jan 03 j 09:58	0°♑	
greatest brilliancy	-8245 Feb 05 j 10:00	23°♑19'09	-4.7m
retrograde	-8245 Feb 16 j 04:08	25°♑24'16	
evening set	-8245 Mar 05 j 08:19	19°♑49'40	
inferior conj	-8245 Mar 09 j 15:03	17°♑12'12	7°09'00
minimum elong	-8245 Mar 09 j 22:20	17°♑00'46	7°07'32
min. Earth dist.	-8245 Mar 10 j 12:49	16°♑38'05	0.29397 AU
morning rise	-8245 Mar 14 j 12:03	14°♑12'41	
direct	-8245 Mar 31 j 13:55	8°♑42'36	
greatest brilliancy	-8245 Apr 11 j 10:25	10°♑48'39	-4.7m
desc. node	-8245 Apr 17 j 12:04	13°♑32'21	
	-8245 May 10 j 02:01	0°♒	
morning max el	-8245 May 20 j 01:07	9°♒15'22	46°13'13
	-8245 Jun 09 j 02:38	0°♓	
	-8245 Jul 05 j 13:49	0°♈	
	-8245 Jul 30 j 14:27	0°♉	
asc. node	-8245 Aug 07 j 15:38	9°♉52'15	
	-8245 Aug 23 j 21:33	0°♊	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8245 Sep 16 j 20:52	0°♋	
	-8245 Oct 10 j 19:04	0°♌	
	-8245 Nov 03 j 20:11	0°♍	
morning set	-8245 Nov 23 j 09:11	24°♍13'20	
desc. node	-8245 Nov 28 j 02:44	0°♎04'09	
	-8245 Nov 28 j 01:23	0°♎	
	-8245 Dec 22 j 09:45	0°♏	
superior conj	-8244 Jan 02 j 18:26	13°♏58'08	-1°08'20
minimum elong	-8244 Jan 02 j 09:40	13°♏31'13	1°08'26
max. Earth dist.	-8244 Jan 03 j 22:09	15°♏23'16	1.73407 AU
	-8244 Jan 15 j 19:40	0°♐	
evening rise	-8244 Feb 09 j 00:54	29°♐43'41	
	-8244 Feb 09 j 06:14	0°♑	
greatest brilliancy	-8244 Feb 18 j 16:17	11°♑32'57	-3.9m
	-8244 Mar 04 j 17:46	0°♒	
asc. node	-8244 Mar 19 j 02:23	17°♒33'01	
	-8244 Mar 29 j 07:21	0°♓	
	-8244 Apr 23 j 00:10	0°♈	
	-8244 May 17 j 21:44	0°♉	
	-8244 Jun 12 j 03:20	0°♊	
	-8244 Jul 08 j 01:12	0°♋	
desc. node	-8244 Jul 09 j 17:13	1°♋53'06	
	-8244 Aug 04 j 14:52	0°♌	
evening max el	-8244 Aug 06 j 22:12	2°♌21'12	47°46'44
	-8244 Sep 08 j 09:55	0°♍	
greatest brilliancy	-8244 Sep 17 j 05:19	4°♍18'46	-4.9m
retrograde	-8244 Sep 27 j 01:45	6°♍11'33	
evening set	-8244 Oct 12 j 05:09	1°♍30'50	
	-8244 Oct 14 j 18:23	30°℞♌	
min. Earth dist.	-8244 Oct 17 j 05:14	28°♌28'20	0.27018 AU
inferior conj	-8244 Oct 17 j 19:08	28°♌06'29	-2°58'40
minimum elong	-8244 Oct 18 j 01:17	27°♌56'49	2°56'29
morning rise	-8244 Oct 23 j 22:11	24°♌26'22	
asc. node	-8244 Oct 29 j 23:24	21°♌43'07	
direct	-8244 Nov 07 j 04:07	20°♌18'38	
greatest brilliancy	-8244 Nov 16 j 13:21	22°♌00'11	-4.8m
	-8244 Dec 01 j 09:09	0°♍	
morning max el	-8244 Dec 26 j 14:43	21°♍41'10	46°09'16
	-8243 Jan 03 j 22:58	0°♎	
	-8243 Feb 01 j 00:57	0°♏	
desc. node	-8243 Feb 19 j 15:42	20°♏55'06	
	-8243 Feb 27 j 14:07	0°♐	
	-8243 Mar 25 j 07:07	0°♑	
	-8243 Apr 19 j 09:19	0°♒	
	-8243 May 13 j 23:39	0°♓	
	-8243 Jun 07 j 04:36	0°♈	
asc. node	-8243 Jun 11 j 15:31	5°♈33'54	
morning set	-8243 Jun 20 j 19:25	17°♈02'43	
	-8243 Jul 01 j 02:43	0°♉	
	-8243 Jul 24 j 20:59	0°♊	
superior conj	-8243 Jul 29 j 09:08	5°♊41'50	1°21'10
minimum elong	-8243 Jul 29 j 04:30	5°♊27'13	1°21'35
max. Earth dist.	-8243 Jul 29 j 11:57	5°♊50'46	1.70797 AU
	-8243 Aug 17 j 14:33	0°♋	
evening rise	-8243 Sep 08 j 17:44	27°♋52'46	
	-8243 Sep 10 j 10:15	0°♌	
desc. node	-8243 Oct 02 j 02:29	27°♌07'30	
	-8243 Oct 04 j 09:50	0°♍	
	-8243 Oct 28 j 14:04	0°♎	
	-8243 Nov 21 j 23:45	0°♏	
	-8243 Dec 16 j 17:16	0°♐	
	-8242 Jan 11 j 00:25	0°♑	
asc. node	-8242 Jan 22 j 04:55	12°♑55'49	
	-8242 Feb 06 j 09:09	0°♒	
	-8242 Mar 07 j 01:29	0°♓	
evening max el	-8242 Mar 11 j 02:26	3°♓52'27	45°06'24
	-8242 Apr 15 j 13:58	0°♈	
greatest brilliancy	-8242 Apr 18 j 05:33	1°♈00'28	-4.7m
retrograde	-8242 Apr 28 j 08:50	2°♈48'55	
	-8242 May 10 j 13:20	30°℞♓	
evening set	-8242 May 12 j 23:26	28°♓49'46	
desc. node	-8242 May 14 j 22:34	27°♓46'25	
inferior conj	-8242 May 19 j 11:14	25°♓07'04	-1°04'27
minimum elong	-8242 May 19 j 08:48	25°♓10'43	1°03'50
min. Earth dist.	-8242 May 20 j 03:52	24°♓42'01	0.27628 AU
morning rise	-8242 May 25 j 17:14	21°♓29'52	
direct	-8242 Jun 09 j 19:21	17°♓11'21	
greatest brilliancy	-8242 Jun 21 j 05:04	19°♓32'44	-4.8m
	-8242 Jul 08 j 12:18	0°♈	
morning max el	-8242 Jul 30 j 03:26	19°♈35'27	46°42'12
	-8242 Aug 09 j 03:01	0°♉	
asc. node	-8242 Sep 04 j 03:46	29°♉22'41	
	-8242 Sep 04 j 16:30	0°♊	
	-8242 Sep 29 j 18:21	0°♋	
	-8242 Oct 24 j 07:50	0°♌	
	-8242 Nov 17 j 19:10	0°♍	
	-8242 Dec 12 j 08:17	0°♎	
desc. node	-8242 Dec 25 j 16:15	16°♎15'09	
	-8241 Jan 05 j 23:07	0°♏	
	-8241 Jan 30 j 13:50	0°♐	
morning set	-8241 Feb 03 j 18:43	5°♐07'50	
	-8241 Feb 24 j 02:40	0°♑	
max. Earth dist.	-8241 Mar 09 j 03:13	15°♑58'45	1.73687 AU
superior conj	-8241 Mar 11 j 22:30	19°♑25'23	-1°09'12
minimum elong	-8241 Mar 12 j 05:43	19°♑47'32	1°09'32
	-8241 Mar 20 j 12:53	0°♒	
	-8241 Apr 13 j 20:47	0°♓	
evening rise	-8241 Apr 16 j 07:41	3°♓01'53	
asc. node	-8241 Apr 16 j 15:06	3°♓24'46	
	-8241 May 08 j 03:07	0°♈	
	-8241 Jun 01 j 08:51	0°♉	
	-8241 Jun 25 j 15:28	0°♊	
	-8241 Jul 20 j 01:17	0°♋	
desc. node	-8241 Aug 07 j 04:19	22°♋04'11	
	-8241 Aug 13 j 17:58	0°♌	
	-8241 Sep 07 j 23:53	0°♍	
	-8241 Oct 04 j 10:25	0°♎	
evening max el	-8241 Oct 17 j 19:39	14°♎08'43	46°50'20
	-8241 Nov 03 j 13:04	0°♏	
greatest brilliancy	-8241 Nov 26 j 07:01	15°♏07'23	-4.8m
asc. node	-8241 Nov 27 j 09:53	15°♏33'08	
retrograde	-8241 Dec 07 j 08:59	17°♏27'08	
evening set	-8241 Dec 23 j 10:07	12°♏18'11	
min. Earth dist.	-8241 Dec 27 j 22:55	9°♏27'55	0.28942 AU
inferior conj	-8241 Dec 28 j 15:34	9°♏01'00	6°22'07
minimum elong	-8241 Dec 28 j 07:02	9°♏14'49	6°20'17
morning rise	-8240 Jan 02 j 04:26	6°♏09'17	
direct	-8240 Jan 19 j 00:30	0°♏39'45	
greatest brilliancy	-8240 Jan 27 j 22:22	2°♏06'52	-4.7m
	-8240 Mar 07 j 11:02	0°♐	
morning max el	-8240 Mar 07 j 15:56	0°♐11'34	45°54'09
desc. node	-8240 Mar 19 j 03:19	11°♐28'06	
	-8240 Apr 05 j 17:38	0°♑	
	-8240 May 02 j 10:08	0°♒	
	-8240 May 27 j 20:24	0°♓	
	-8240 Jun 21 j 11:46	0°♈	
asc. node	-8240 Jul 09 j 04:58	21°♈59'01	
	-8240 Jul 15 j 14:45	0°♉	
	-8240 Aug 08 j 10:31	0°♊	
	-8240 Sep 01 j 03:44	0°♋	
morning set	-8240 Sep 03 j 07:17	2°♋42'59	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8240 Sep 24 j 22:17	0°♌	
superior conj	-8240 Oct 15 j 10:13	25°♌42'49	0°31'44
minimum elong	-8240 Oct 15 j 18:29	26°♌08'40	0°31'43
	-8240 Oct 18 j 20:33	0°♍	
max. Earth dist.	-8240 Oct 21 j 23:27	3°♍53'44	1.71655 AU
desc. node	-8240 Oct 29 j 15:26	13°♍26'55	
	-8240 Nov 11 j 23:08	0°♎	
evening rise	-8240 Nov 26 j 18:00	18°♎17'58	
	-8240 Dec 06 j 05:31	0°♏	
	-8240 Dec 30 j 15:20	0°♐	
	-8239 Jan 24 j 05:32	0°♑	
	-8239 Feb 18 j 02:47	0°♒	
asc. node	-8239 Feb 18 j 16:26	0°♒40'48	
	-8239 Mar 15 j 11:07	0°♓	
	-8239 Apr 10 j 12:45	0°♈	
	-8239 May 07 j 22:16	0°♉	
evening max el	-8239 May 23 j 01:34	15°♉22'46	46°32'15
	-8239 Jun 08 j 03:18	0°♊	
desc. node	-8239 Jun 11 j 09:01	2°♊37'29	
greatest brilliancy	-8239 Jul 02 j 21:47	15°♊21'52	-4.9m
retrograde	-8239 Jul 12 j 03:55	16°♊57'44	
evening set	-8239 Jul 29 j 19:47	11°♊07'54	
inferior conj	-8239 Aug 01 j 21:46	9°♊17'51	-8°52'50
minimum elong	-8239 Aug 01 j 18:52	9°♊22'13	8°52'13
min. Earth dist.	-8239 Aug 01 j 17:04	9°♊24'54	0.26631 AU
morning rise	-8239 Aug 04 j 17:54	7°♊36'15	
direct	-8239 Aug 22 j 05:53	1°♊44'27	
greatest brilliancy	-8239 Sep 01 j 16:08	3°♊48'09	-4.9m
asc. node	-8239 Oct 01 j 14:59	25°♊06'57	
	-8239 Oct 06 j 17:00	0°♋	
morning max el	-8239 Oct 11 j 21:31	5°♋11'55	46°40'32
	-8239 Nov 03 j 21:25	0°♌	
	-8239 Nov 30 j 01:00	0°♍	
	-8239 Dec 25 j 14:02	0°♎	
	-8238 Jan 19 j 21:10	0°♏	
desc. node	-8238 Jan 22 j 05:20	2°♏47'16	
	-8238 Feb 13 j 23:25	0°♐	
	-8238 Mar 10 j 19:50	0°♑	
	-8238 Apr 04 j 09:53	0°♒	
morning set	-8238 Apr 11 j 16:30	8°♒56'16	
	-8238 Apr 28 j 17:54	0°♓	
max. Earth dist.	-8238 May 12 j 21:56	17°♓35'21	1.72414 AU
asc. node	-8238 May 14 j 04:19	19°♓09'53	
superior conj	-8238 May 17 j 06:27	23°♓00'46	0°07'13
minimum elong	-8238 May 17 j 05:03	22°♓56'23	0°07'01
behind sun begin	-8238 May 16 j 08:44	21°♓53'06	
behind sun end	-8238 May 18 j 01:22	23°♓59'42	
	-8238 May 22 j 20:54	0°♈	
	-8238 Jun 15 j 20:21	0°♉	
evening rise	-8238 Jun 22 j 18:12	8°♉40'10	
	-8238 Jul 09 j 18:06	0°♊	
	-8238 Aug 02 j 16:27	0°♋	
	-8238 Aug 26 j 17:45	0°♌	
desc. node	-8238 Sep 03 j 16:03	9°♌50'06	
	-8238 Sep 20 j 00:13	0°♍	
	-8238 Oct 14 j 14:29	0°♎	
	-8238 Nov 08 j 18:01	0°♏	
	-8238 Dec 05 j 01:05	0°♐	
asc. node	-8238 Dec 24 j 20:27	20°♐50'25	
evening max el	-8238 Dec 27 j 10:12	23°♐22'20	45°17'37
	-8237 Jan 03 j 10:32	0°♑	
greatest brilliancy	-8237 Feb 03 j 01:58	21°♑12'03	-4.7m
retrograde	-8237 Feb 13 j 21:38	23°♑18'17	
evening set	-8237 Mar 03 j 03:18	17°♑40'19	
inferior conj	-8237 Mar 07 j 08:08	15°♑05'09	7°17'10
minimum elong	-8237 Mar 07 j 15:02	14°♑54'18	7°15'48
min. Earth dist.	-8237 Mar 08 j 04:27	14°♑33'15	0.29430 AU
morning rise	-8237 Mar 12 j 02:34	12°♑09'15	
direct	-8237 Mar 29 j 07:36	6°♑35'13	
greatest brilliancy	-8237 Apr 09 j 01:05	8°♑38'53	-4.7m
desc. node	-8237 Apr 16 j 14:07	12°♑09'31	
	-8237 May 10 j 04:34	0°♒	
morning max el	-8237 May 17 j 18:11	7°♒06'24	46°12'01
	-8237 Jun 08 j 19:39	0°♓	
	-8237 Jul 05 j 04:04	0°♈	
	-8237 Jul 30 j 03:29	0°♉	
asc. node	-8237 Aug 06 j 17:46	9°♉19'26	
	-8237 Aug 23 j 09:57	0°♊	
	-8237 Sep 16 j 08:53	0°♋	
	-8237 Oct 10 j 06:50	0°♌	
	-8237 Nov 03 j 07:45	0°♍	
morning set	-8237 Nov 20 j 20:25	21°♍44'22	
desc. node	-8237 Nov 27 j 04:54	29°♍35'40	
	-8237 Nov 27 j 12:47	0°♎	
	-8237 Dec 21 j 21:01	0°♏	
superior conj	-8237 Dec 31 j 09:21	11°♏42'01	-1°06'28
minimum elong	-8237 Dec 31 j 00:15	11°♏14'03	1°06'32
max. Earth dist.	-8236 Jan 01 j 18:58	13°♏25'20	1.73369 AU
	-8236 Jan 15 j 06:49	0°♐	
evening rise	-8236 Feb 06 j 19:06	27°♐38'05	
	-8236 Feb 08 j 17:23	0°♑	
greatest brilliancy	-8236 Feb 17 j 14:59	10°♑54'44	-3.9m
	-8236 Mar 04 j 05:03	0°♒	
asc. node	-8236 Mar 18 j 04:30	17°♒04'38	
	-8236 Mar 28 j 18:56	0°♓	
	-8236 Apr 22 j 12:17	0°♈	
	-8236 May 17 j 10:43	0°♉	
	-8236 Jun 11 j 17:41	0°♊	
	-8236 Jul 07 j 18:02	0°♋	
desc. node	-8236 Jul 08 j 19:26	1°♋11'28	
evening max el	-8236 Aug 04 j 13:56	0°♌00'23	47°46'11
	-8236 Aug 04 j 13:47	0°♌	
	-8236 Sep 10 j 10:53	0°♍	
greatest brilliancy	-8236 Sep 14 j 20:29	1°♍52'59	-4.9m
retrograde	-8236 Sep 24 j 16:05	3°♍44'24	
	-8236 Oct 08 j 02:47	30°℞♌	
evening set	-8236 Oct 09 j 21:13	29°♌01'35	
inferior conj	-8236 Oct 15 j 08:52	25°♌40'28	-3°20'16
minimum elong	-8236 Oct 15 j 15:40	25°♌29'46	3°17'54
min. Earth dist.	-8236 Oct 14 j 19:27	26°♌01'33	0.26970 AU
morning rise	-8236 Oct 21 j 10:55	22°♌01'59	
asc. node	-8236 Oct 29 j 01:35	18°♌49'51	
direct	-8236 Nov 04 j 17:49	17°♌54'01	
greatest brilliancy	-8236 Nov 14 j 03:03	19°♌35'40	-4.8m
	-8236 Dec 02 j 05:24	0°♍	
morning max el	-8236 Dec 24 j 04:55	19°♍21'47	46°10'12
	-8235 Jan 03 j 19:14	0°♎	
	-8235 Jan 31 j 16:24	0°♏	
desc. node	-8235 Feb 18 j 17:47	20°♏21'22	
	-8235 Feb 27 j 03:31	0°♐	
	-8235 Mar 24 j 19:26	0°♑	
	-8235 Apr 18 j 21:02	0°♒	
	-8235 May 13 j 11:03	0°♓	
	-8235 Jun 06 j 15:51	0°♈	
asc. node	-8235 Jun 10 j 17:49	5°♈05'57	
morning set	-8235 Jun 18 j 11:18	14°♈46'45	
	-8235 Jun 30 j 13:57	0°♉	
	-8235 Jul 24 j 08:17	0°♊	
superior conj	-8235 Jul 26 j 21:47	3°♊14'23	1°20'16
minimum elong	-8235 Jul 26 j 16:23	2°♊57'19	1°20'39

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

max. Earth dist.	-8235 Jul 26 j 13:34	2°♊48'23	1.70825 AU
	-8235 Aug 17 j 01:59	0°♋	
evening rise	-8235 Sep 06 j 01:35	25°♋10'26	
	-8235 Sep 09 j 21:47	0°♌	
desc. node	-8235 Oct 01 j 04:30	26°♌37'36	
	-8235 Oct 03 j 21:28	0°♍	
	-8235 Oct 28 j 01:50	0°♎	
	-8235 Nov 21 j 11:45	0°♏	
	-8235 Dec 16 j 05:45	0°♐	
	-8234 Jan 10 j 13:55	0°♑	
asc. node	-8234 Jan 21 j 07:08	12°♑21'33	
	-8234 Feb 06 j 00:58	0°♒	
	-8234 Mar 06 j 23:54	0°♓	
evening max el	-8234 Mar 08 j 16:24	1°♓36'18	45°04'56
greatest brilliancy	-8234 Apr 15 j 19:36	28°♓44'13	-4.7m
	-8234 Apr 20 j 11:34	0°♈	
retrograde	-8234 Apr 25 j 21:59	0°♈32'22	
	-8234 May 01 j 05:27	30°℞♓	
evening set	-8234 May 10 j 13:45	26°♓32'16	
desc. node	-8234 May 14 j 00:51	24°♓37'43	
inferior conj	-8234 May 17 j 01:21	22°♓49'59	-0°42'58
minimum elong	-8234 May 16 j 23:44	22°♓52'25	0°42'37
min. Earth dist.	-8234 May 17 j 19:29	22°♓22'40	0.27686 AU
morning rise	-8234 May 23 j 08:37	19°♓10'35	
direct	-8234 Jun 07 j 09:36	14°♓52'48	
greatest brilliancy	-8234 Jun 18 j 21:05	17°♓15'12	-4.8m
	-8234 Jul 09 j 01:26	0°♈	
morning max el	-8234 Jul 27 j 16:39	17°♈10'19	46°41'34
	-8234 Aug 08 j 22:20	0°♉	
asc. node	-8234 Sep 03 j 05:56	28°♉43'47	
	-8234 Sep 04 j 07:51	0°♊	
	-8234 Sep 29 j 08:04	0°♋	
	-8234 Oct 23 j 20:40	0°♌	
	-8234 Nov 17 j 07:25	0°♍	
	-8234 Dec 11 j 20:06	0°♎	
desc. node	-8234 Dec 24 j 18:25	15°♎46'19	
	-8233 Jan 05 j 10:35	0°♏	
	-8233 Jan 30 j 01:03	0°♐	
morning set	-8233 Feb 01 j 11:34	2°♐58'36	
	-8233 Feb 23 j 13:44	0°♑	
max. Earth dist.	-8233 Mar 06 j 23:13	13°♑58'53	1.73707 AU
superior conj	-8233 Mar 09 j 17:45	17°♑23'14	-1°10'42
minimum elong	-8233 Mar 10 j 00:42	17°♑44'36	1°11'05
	-8233 Mar 19 j 23:56	0°♒	
	-8233 Apr 13 j 07:55	0°♓	
evening rise	-8233 Apr 14 j 03:17	0°♓59'48	
asc. node	-8233 Apr 15 j 17:16	2°♓57'04	
	-8233 May 07 j 14:26	0°♈	
	-8233 May 31 j 20:29	0°♉	
	-8233 Jun 25 j 03:31	0°♊	
	-8233 Jul 19 j 13:55	0°♋	
desc. node	-8233 Aug 06 j 06:26	21°♋30'39	
	-8233 Aug 13 j 07:27	0°♌	
	-8233 Sep 07 j 14:53	0°♍	
	-8233 Oct 04 j 04:51	0°♎	
evening max el	-8233 Oct 15 j 10:19	11°♎48'36	46°53'37
	-8233 Nov 03 j 21:18	0°♏	
greatest brilliancy	-8233 Nov 24 j 00:46	12°♏55'27	-4.8m
asc. node	-8233 Nov 26 j 12:16	13°♏49'20	
retrograde	-8233 Dec 05 j 01:58	15°♏15'06	
evening set	-8233 Dec 21 j 00:33	10°♏09'31	
min. Earth dist.	-8233 Dec 25 j 15:10	7°♏16'58	0.28882 AU
inferior conj	-8233 Dec 26 j 08:23	6°♏49'10	6°10'07
minimum elong	-8233 Dec 25 j 23:43	7°♏03'09	6°08'14
morning rise	-8233 Dec 30 j 23:20	3°♏54'24	
	-8232 Jan 07 j 23:24	30°℞♎	
direct	-8232 Jan 16 j 15:48	28°♎28'41	
greatest brilliancy	-8232 Jan 25 j 14:15	29°♎56'13	-4.7m
	-8232 Jan 25 j 19:02	0°♏	
morning max el	-8232 Mar 05 j 07:38	28°♏01'04	45°54'12
	-8232 Mar 07 j 09:31	0°♐	
desc. node	-8232 Mar 18 j 05:26	10°♐45'12	
	-8232 Apr 05 j 09:29	0°♑	
	-8232 May 01 j 23:39	0°♒	
	-8232 May 27 j 08:49	0°♓	
	-8232 Jun 20 j 23:38	0°♈	
asc. node	-8232 Jul 08 j 07:03	21°♈29'12	
greatest brilliancy	-8232 Jul 13 j 17:54	28°♈18'25	-3.9m
	-8232 Jul 15 j 02:19	0°♉	
	-8232 Aug 07 j 21:56	0°♊	
morning set	-8232 Aug 31 j 17:43	0°♋08'24	
	-8232 Aug 31 j 15:04	0°♋	
	-8232 Sep 24 j 09:33	0°♌	
superior conj	-8232 Oct 12 j 19:00	23°♌05'00	0°35'21
minimum elong	-8232 Oct 13 j 04:03	23°♌33'20	0°35'20
	-8232 Oct 18 j 07:47	0°♍	
max. Earth dist.	-8232 Oct 19 j 06:33	1°♍11'04	1.71594 AU
desc. node	-8232 Oct 28 j 17:39	12°♍58'50	
	-8232 Nov 11 j 10:22	0°♎	
evening rise	-8232 Nov 24 j 05:53	15°♎51'43	
	-8232 Dec 05 j 16:46	0°♏	
	-8232 Dec 30 j 02:40	0°♐	
	-8231 Jan 23 j 17:08	0°♑	
asc. node	-8231 Feb 17 j 18:32	0°♒10'49	
	-8231 Feb 17 j 14:55	0°♒	
	-8231 Mar 15 j 00:18	0°♓	
	-8231 Apr 10 j 03:57	0°♈	
	-8231 May 07 j 17:55	0°♉	
evening max el	-8231 May 20 j 14:47	12°♉59'17	46°28'40
	-8231 Jun 08 j 16:16	0°♊	
desc. node	-8231 Jun 10 j 11:17	1°♊23'45	
greatest brilliancy	-8231 Jun 30 j 08:03	12°♊50'33	-4.9m
retrograde	-8231 Jul 09 j 16:16	14°♊27'46	
evening set	-8231 Jul 27 j 04:31	8°♊42'25	
inferior conj	-8231 Jul 30 j 09:34	6°♊48'06	-8°48'37
minimum elong	-8231 Jul 30 j 05:44	6°♊53'51	8°47'57
min. Earth dist.	-8231 Jul 30 j 04:37	6°♊55'31	0.26641 AU
morning rise	-8231 Aug 02 j 06:55	5°♊05'01	
	-8231 Aug 13 j 17:33	30°℞♉	
direct	-8231 Aug 19 j 18:39	29°♉14'38	
	-8231 Aug 25 j 23:26	0°♊	
greatest brilliancy	-8231 Aug 30 j 04:44	1°♊18'36	-4.9m
asc. node	-8231 Sep 30 j 17:09	24°♊06'24	
	-8231 Oct 06 j 17:42	0°♋	
morning max el	-8231 Oct 09 j 11:34	2°♋46'39	46°41'23
	-8231 Nov 03 j 14:27	0°♌	
	-8231 Nov 29 j 15:19	0°♍	
	-8231 Dec 25 j 02:59	0°♎	
	-8230 Jan 19 j 09:17	0°♏	
desc. node	-8230 Jan 21 j 07:23	2°♏17'25	
	-8230 Feb 13 j 10:59	0°♐	
	-8230 Mar 10 j 07:02	0°♑	
	-8230 Apr 03 j 20:52	0°♒	
morning set	-8230 Apr 09 j 11:45	6°♒54'13	
	-8230 Apr 28 j 04:48	0°♓	
max. Earth dist.	-8230 May 10 j 15:50	15°♓27'44	1.72473 AU
asc. node	-8230 May 13 j 06:34	18°♓42'52	
superior conj	-8230 May 15 j 00:30	20°♓53'25	0°04'07
minimum elong	-8230 May 14 j 23:43	20°♓50'59	0°03'56
behind sun begin	-8230 May 14 j 01:57	19°♓43'12	
behind sun end	-8230 May 15 j 21:29	21°♓58'47	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8230 May 22 j 07:52	0°♈	
	-8230 Jun 15 j 07:27	0°♉	
evening rise	-8230 Jun 20 j 10:05	6°♉24'26	
	-8230 Jul 09 j 05:24	0°♊	
	-8230 Aug 02 j 03:59	0°♋	
	-8230 Aug 26 j 05:33	0°♌	
desc. node	-8230 Sep 02 j 18:10	9°♌19'52	
	-8230 Sep 19 j 12:22	0°♍	
	-8230 Oct 14 j 03:10	0°♎	
	-8230 Nov 08 j 07:47	0°♏	
	-8230 Dec 04 j 17:26	0°♐	
asc. node	-8230 Dec 23 j 22:35	20°♐03'56	
evening max el	-8230 Dec 25 j 02:46	21°♐13'02	45°19'44
	-8229 Jan 03 j 12:06	0°♑	
greatest brilliancy	-8229 Jan 31 j 18:21	19°♑05'38	-4.7m
retrograde	-8229 Feb 11 j 14:34	21°♑12'09	
evening set	-8229 Feb 28 j 22:02	15°♑31'15	
inferior conj	-8229 Mar 05 j 01:07	12°♑58'10	7°24'41
minimum elong	-8229 Mar 05 j 07:34	12°♑48'00	7°23'27
min. Earth dist.	-8229 Mar 05 j 20:09	12°♑28'10	0.29463 AU
morning rise	-8229 Mar 09 j 16:56	10°♑05'40	
direct	-8229 Mar 27 j 01:02	4°♑27'56	
greatest brilliancy	-8229 Apr 06 j 15:39	6°♑29'00	-4.7m
desc. node	-8229 Apr 15 j 16:25	10°♑49'36	
	-8229 May 10 j 05:40	0°♒	
morning max el	-8229 May 15 j 10:28	4°♒55'54	46°10'53
	-8229 Jun 08 j 12:13	0°♓	
	-8229 Jul 04 j 17:59	0°♈	
	-8229 Jul 29 j 16:12	0°♉	
asc. node	-8229 Aug 05 j 19:53	8°♉47'29	
	-8229 Aug 22 j 22:02	0°♊	
	-8229 Sep 15 j 20:36	0°♋	
	-8229 Oct 09 j 18:19	0°♌	
	-8229 Nov 02 j 19:01	0°♍	
morning set	-8229 Nov 18 j 07:49	19°♍16'40	
desc. node	-8229 Nov 26 j 07:03	29°♍08'04	
	-8229 Nov 26 j 23:52	0°♎	
	-8229 Dec 21 j 07:55	0°♏	
superior conj	-8229 Dec 29 j 00:16	9°♏26'53	-1°04'29
minimum elong	-8229 Dec 28 j 14:54	8°♏58'03	1°04'30
max. Earth dist.	-8229 Dec 30 j 16:54	11°♏31'48	1.73327 AU
	-8228 Jan 14 j 17:38	0°♐	
evening rise	-8228 Feb 04 j 13:14	25°♐33'13	
	-8228 Feb 08 j 04:13	0°♑	
greatest brilliancy	-8228 Feb 16 j 17:14	10°♑28'16	-3.9m
	-8228 Mar 03 j 16:04	0°♒	
asc. node	-8228 Mar 17 j 06:40	16°♒37'10	
	-8228 Mar 28 j 06:19	0°♓	
	-8228 Apr 22 j 00:14	0°♈	
	-8228 May 16 j 23:32	0°♉	
	-8228 Jun 11 j 07:55	0°♊	
	-8228 Jul 07 j 10:52	0°♋	
desc. node	-8228 Jul 07 j 21:32	0°♋29'51	
evening max el	-8228 Aug 02 j 04:44	27°♋38'03	47°45'31
	-8228 Aug 04 j 13:18	0°♌	
greatest brilliancy	-8228 Sep 12 j 12:04	29°♌28'26	-4.9m
	-8228 Sep 14 j 01:58	0°♍	
retrograde	-8228 Sep 22 j 05:49	1°♍17'47	
	-8228 Sep 30 j 02:11	30°℞♌	
evening set	-8228 Oct 07 j 13:18	26°♌32'44	
inferior conj	-8228 Oct 12 j 22:30	23°♌15'10	-3°41'38
minimum elong	-8228 Oct 13 j 05:55	23°♌03'30	3°39'07
min. Earth dist.	-8228 Oct 12 j 09:54	23°♌34'59	0.26924 AU
morning rise	-8228 Oct 18 j 23:16	19°♌38'24	
asc. node	-8228 Oct 28 j 03:58	16°♌02'38	
direct	-8228 Nov 02 j 06:53	15°♌29'57	
greatest brilliancy	-8228 Nov 11 j 17:09	17°♌12'11	-4.9m
	-8228 Dec 02 j 20:05	0°♍	
morning max el	-8228 Dec 21 j 18:23	17°♍01'22	46°11'17
	-8227 Jan 03 j 14:29	0°♎	
	-8227 Jan 31 j 07:12	0°♏	
desc. node	-8227 Feb 17 j 19:56	19°♏49'14	
	-8227 Feb 26 j 16:24	0°♐	
	-8227 Mar 24 j 07:21	0°♑	
	-8227 Apr 18 j 08:26	0°♒	
	-8227 May 12 j 22:10	0°♓	
	-8227 Jun 06 j 02:51	0°♈	
asc. node	-8227 Jun 09 j 19:54	4°♈38'05	
morning set	-8227 Jun 16 j 02:59	12°♈30'59	
	-8227 Jun 30 j 00:55	0°♉	
max. Earth dist.	-8227 Jul 23 j 16:23	29°♉50'46	1.70853 AU
	-8227 Jul 23 j 19:18	0°♊	
superior conj	-8227 Jul 24 j 10:21	0°♊47'32	1°19'12
minimum elong	-8227 Jul 24 j 04:14	0°♊28'13	1°19'34
	-8227 Aug 16 j 13:05	0°♋	
evening rise	-8227 Sep 03 j 09:30	22°♋29'20	
	-8227 Sep 09 j 09:00	0°♌	
desc. node	-8227 Sep 30 j 06:42	26°♌09'17	
	-8227 Oct 03 j 08:46	0°♍	
	-8227 Oct 27 j 13:16	0°♎	
	-8227 Nov 20 j 23:25	0°♏	
	-8227 Dec 15 j 17:54	0°♐	
	-8226 Jan 10 j 03:07	0°♑	
asc. node	-8226 Jan 20 j 09:19	11°♑48'10	
	-8226 Feb 05 j 16:34	0°♒	
evening max el	-8226 Mar 06 j 06:04	29°♒20'45	45°03'31
	-8226 Mar 06 j 22:44	0°♓	
greatest brilliancy	-8226 Apr 13 j 08:52	26°♓28'14	-4.7m
retrograde	-8226 Apr 23 j 11:23	28°♓16'59	
evening set	-8226 May 08 j 04:09	24°♓15'17	
desc. node	-8226 May 13 j 03:05	21°♓28'02	
inferior conj	-8226 May 14 j 15:23	20°♓33'37	-0°21'30
minimum elong	-8226 May 14 j 14:34	20°♓34'51	0°21'25
min. Earth dist.	-8226 May 15 j 10:52	20°♓04'17	0.27753 AU
morning rise	-8226 May 20 j 23:50	16°♓52'29	
direct	-8226 Jun 05 j 00:02	12°♓34'43	
greatest brilliancy	-8226 Jun 16 j 13:19	14°♓58'40	-4.8m
	-8226 Jul 09 j 11:03	0°♈	
morning max el	-8226 Jul 25 j 06:51	14°♈48'20	46°40'57
	-8226 Aug 08 j 17:00	0°♉	
asc. node	-8226 Sep 02 j 08:10	28°♉05'58	
	-8226 Sep 03 j 22:49	0°♊	
	-8226 Sep 28 j 21:26	0°♋	
	-8226 Oct 23 j 09:08	0°♌	
	-8226 Nov 16 j 19:18	0°♍	
	-8226 Dec 11 j 07:33	0°♎	
desc. node	-8226 Dec 23 j 20:23	15°♎17'50	
	-8225 Jan 04 j 21:44	0°♏	
	-8225 Jan 29 j 11:57	0°♐	
morning set	-8225 Jan 30 j 04:27	0°♐50'23	
	-8225 Feb 23 j 00:29	0°♑	
max. Earth dist.	-8225 Mar 04 j 21:01	12°♑05'39	1.73724 AU
superior conj	-8225 Mar 07 j 13:12	15°♑22'43	-1°12'07
minimum elong	-8225 Mar 07 j 19:53	15°♑43'13	1°12'31
	-8225 Mar 19 j 10:37	0°♒	
evening rise	-8225 Apr 11 j 23:10	28°♒59'43	
	-8225 Apr 12 j 18:42	0°♓	
asc. node	-8225 Apr 14 j 19:32	2°♓30'40	
	-8225 May 07 j 01:28	0°♈	
	-8225 May 31 j 07:54	0°♉	
	-8225 Jun 24 j 15:26	0°♊	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8225 Jul 19 j 02:28	0°♋	
desc. node	-8225 Aug 05 j 08:36	20°♋57'32	
	-8225 Aug 12 j 20:53	0°♌	
	-8225 Sep 07 j 05:54	0°♍	
	-8225 Oct 03 j 23:30	0°♎	
evening max el	-8225 Oct 13 j 01:49	9°♎31'18	46°57'07
	-8225 Nov 04 j 08:02	0°♏	
greatest brilliancy	-8225 Nov 21 j 18:02	10°♏43'38	-4.8m
asc. node	-8225 Nov 25 j 14:23	12°♏02'16	
retrograde	-8225 Dec 02 j 19:26	13°♏03'52	
evening set	-8225 Dec 18 j 15:08	8°♏01'20	
min. Earth dist.	-8225 Dec 23 j 07:10	5°♏07'02	0.28818 AU
inferior conj	-8225 Dec 24 j 01:12	4°♏37'58	5°57'42
minimum elong	-8225 Dec 23 j 16:28	4°♏52'03	5°55'43
morning rise	-8225 Dec 28 j 18:19	1°♏40'17	
	-8225 Dec 31 j 17:39	30°℞♎	
direct	-8224 Jan 14 j 07:32	26°♎18'18	
greatest brilliancy	-8224 Jan 23 j 05:48	27°♎46'01	-4.7m
	-8224 Jan 28 j 21:22	0°♏	
morning max el	-8224 Mar 03 j 00:23	25°♏53'57	45°54'19
	-8224 Mar 07 j 06:49	0°♐	
desc. node	-8224 Mar 17 j 07:39	10°♐03'53	
	-8224 Apr 05 j 00:47	0°♑	
	-8224 May 01 j 12:46	0°♒	
	-8224 May 26 j 20:55	0°♓	
	-8224 Jun 20 j 11:14	0°♈	
asc. node	-8224 Jul 07 j 09:10	21°♈00'05	
	-8224 Jul 14 j 13:42	0°♉	
greatest brilliancy	-8224 Jul 17 j 14:58	3°♉49'53	-3.9m
	-8224 Aug 07 j 09:13	0°♊	
morning set	-8224 Aug 29 j 03:55	27°♊33'17	
	-8224 Aug 31 j 02:19	0°♋	
	-8224 Sep 23 j 20:46	0°♌	
superior conj	-8224 Oct 10 j 03:13	20°♌25'29	0°38'56
minimum elong	-8224 Oct 10 j 13:00	20°♌56'06	0°38'55
max. Earth dist.	-8224 Oct 16 j 13:41	28°♌28'33	1.71531 AU
	-8224 Oct 17 j 18:57	0°♍	
desc. node	-8224 Oct 27 j 19:47	12°♍30'44	
	-8224 Nov 10 j 21:30	0°♎	
evening rise	-8224 Nov 21 j 17:18	13°♎24'18	
	-8224 Dec 05 j 03:54	0°♏	
	-8224 Dec 29 j 13:53	0°♐	
	-8223 Jan 23 j 04:36	0°♑	
asc. node	-8223 Feb 16 j 20:47	29°♑41'37	
	-8223 Feb 17 j 02:57	0°♒	
	-8223 Mar 14 j 13:25	0°♓	
	-8223 Apr 09 j 19:09	0°♈	
	-8223 May 07 j 13:52	0°♉	
evening max el	-8223 May 18 j 04:53	10°♉38'56	46°25'02
	-8223 Jun 09 j 08:57	0°♊	
desc. node	-8223 Jun 09 j 13:20	0°♊08'07	
greatest brilliancy	-8223 Jun 27 j 18:10	10°♊20'11	-4.9m
retrograde	-8223 Jul 07 j 04:31	11°♊58'30	
evening set	-8223 Jul 24 j 12:58	6°♊18'23	
inferior conj	-8223 Jul 27 j 21:26	4°♊19'06	-8°43'23
minimum elong	-8223 Jul 27 j 16:42	4°♊26'12	8°42'36
min. Earth dist.	-8223 Jul 27 j 16:12	4°♊26'57	0.26658 AU
morning rise	-8223 Jul 30 j 20:25	2°♊33'44	
	-8223 Aug 04 j 14:33	30°℞♉	
direct	-8223 Aug 17 j 07:48	26°♉45'35	
greatest brilliancy	-8223 Aug 27 j 17:16	28°♉49'11	-4.9m
	-8223 Aug 30 j 12:29	0°♊	
asc. node	-8223 Sep 29 j 19:29	23°♊07'21	
	-8223 Oct 06 j 17:22	0°♋	
morning max el	-8223 Oct 07 j 01:19	0°♋20'17	46°41'59
	-8223 Nov 03 j 07:19	0°♌	
	-8223 Nov 29 j 05:36	0°♍	
	-8223 Dec 24 j 15:54	0°♎	
	-8222 Jan 18 j 21:21	0°♏	
desc. node	-8222 Jan 20 j 09:33	1°♏48'00	
	-8222 Feb 12 j 22:28	0°♐	
	-8222 Mar 09 j 18:10	0°♑	
	-8222 Apr 03 j 07:48	0°♒	
morning set	-8222 Apr 07 j 07:14	4°♒52'59	
	-8222 Apr 27 j 15:42	0°♓	
max. Earth dist.	-8222 May 08 j 08:31	13°♓16'35	1.72530 AU
asc. node	-8222 May 12 j 08:38	18°♓15'22	
superior conj	-8222 May 12 j 19:03	18°♓47'46	0°01'02
minimum elong	-8222 May 12 j 18:53	18°♓47'14	0°00'51
behind sun begin	-8222 May 11 j 20:42	17°♓38'14	
behind sun end	-8222 May 13 j 17:03	19°♓56'16	
	-8222 May 21 j 18:49	0°♈	
	-8222 Jun 14 j 18:32	0°♉	
evening rise	-8222 Jun 18 j 02:34	4°♉10'47	
	-8222 Jul 08 j 16:40	0°♊	
	-8222 Aug 01 j 15:30	0°♋	
	-8222 Aug 25 j 17:24	0°♌	
desc. node	-8222 Sep 01 j 20:24	8°♌49'47	
	-8222 Sep 19 j 00:38	0°♍	
	-8222 Oct 13 j 16:05	0°♎	
	-8222 Nov 07 j 21:51	0°♏	
	-8222 Dec 04 j 10:17	0°♐	
evening max el	-8222 Dec 22 j 18:44	19°♐01'32	45°22'07
asc. node	-8222 Dec 23 j 00:48	19°♐16'22	
	-8221 Jan 03 j 15:23	0°♑	
greatest brilliancy	-8221 Jan 29 j 11:22	16°♑59'35	-4.7m
retrograde	-8221 Feb 09 j 07:07	19°♑05'59	
evening set	-8221 Feb 26 j 16:47	13°♑22'22	
inferior conj	-8221 Mar 02 j 18:15	10°♑51'17	7°31'38
minimum elong	-8221 Mar 03 j 00:12	10°♑41'52	7°30'31
min. Earth dist.	-8221 Mar 03 j 12:15	10°♑22'50	0.29489 AU
morning rise	-8221 Mar 07 j 07:28	8°♑02'05	
direct	-8221 Mar 24 j 18:11	2°♑20'44	
greatest brilliancy	-8221 Apr 04 j 06:47	4°♑19'39	-4.7m
desc. node	-8221 Apr 14 j 18:37	9°♑31'45	
	-8221 May 10 j 05:40	0°♒	
morning max el	-8221 May 13 j 02:01	2°♒43'28	46°09'50
	-8221 Jun 08 j 04:33	0°♓	
	-8221 Jul 04 j 07:50	0°♈	
	-8221 Jul 29 j 04:55	0°♉	
asc. node	-8221 Aug 04 j 22:08	8°♉15'48	
	-8221 Aug 22 j 10:09	0°♊	
	-8221 Sep 15 j 08:23	0°♋	
	-8221 Oct 09 j 05:54	0°♌	
	-8221 Nov 02 j 06:28	0°♍	
morning set	-8221 Nov 15 j 18:50	16°♍47'02	
desc. node	-8221 Nov 25 j 09:02	28°♍39'16	
	-8221 Nov 26 j 11:10	0°♎	
	-8221 Dec 20 j 19:05	0°♏	
superior conj	-8221 Dec 26 j 14:36	7°♏09'06	-1°02'22
minimum elong	-8221 Dec 26 j 05:00	6°♏39'34	1°02'20
max. Earth dist.	-8221 Dec 28 j 12:59	9°♏31'42	1.73282 AU
	-8220 Jan 14 j 04:43	0°♐	
evening rise	-8220 Feb 02 j 06:50	23°♐25'56	
	-8220 Feb 07 j 15:19	0°♑	
greatest brilliancy	-8220 Feb 15 j 19:44	10°♑01'53	-3.9m
	-8220 Mar 03 j 03:20	0°♒	
asc. node	-8220 Mar 16 j 08:55	16°♒09'15	
	-8220 Mar 27 j 17:56	0°♓	
	-8220 Apr 21 j 12:27	0°♈	
	-8220 May 16 j 12:40	0°♉	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8220 Jun 10 j 22:30	0°♊		
desc. node	-8220 Jul 06 j 23:48	29°♊47'44		
	-8220 Jul 07 j 04:13	0°♋		
evening max el	-8220 Jul 30 j 18:38	25°♋13'02	47°44'45	
	-8220 Aug 04 j 14:03	0°♌		
greatest brilliancy	-8220 Sep 10 j 03:58	27°♌03'57	-4.9m	
retrograde	-8220 Sep 19 j 19:12	28°♌51'04		
evening set	-8220 Oct 05 j 05:34	24°♌03'25		
min. Earth dist.	-8220 Oct 10 j 00:42	21°♌07'58	0.26884 AU	
inferior conj	-8220 Oct 10 j 12:15	20°♌49'47	-4°02'32	
minimum elong	-8220 Oct 10 j 20:14	20°♌37'14	3°59'53	
morning rise	-8220 Oct 16 j 11:31	17°♌14'56		
asc. node	-8220 Oct 27 j 06:05	13°♌21'13		
direct	-8220 Oct 30 j 19:42	13°♌05'25		
greatest brilliancy	-8220 Nov 09 j 07:55	14°♌48'59	-4.9m	
	-8220 Dec 03 j 07:20	0°♍		
morning max el	-8220 Dec 19 j 07:48	14°♍39'43	46°12'15	
	-8219 Jan 03 j 09:33	0°♎		
	-8219 Jan 30 j 22:12	0°♏		
desc. node	-8219 Feb 16 j 22:08	19°♏16'15		
	-8219 Feb 26 j 05:35	0°♐		
	-8219 Mar 23 j 19:33	0°♑		
	-8219 Apr 17 j 20:05	0°♒		
	-8219 May 12 j 09:32	0°♓		
	-8219 Jun 05 j 14:04	0°♈		
asc. node	-8219 Jun 08 j 21:58	4°♈09'27		
morning set	-8219 Jun 13 j 18:55	10°♈15'19		
	-8219 Jun 29 j 12:09	0°♉		
max. Earth dist.	-8219 Jul 20 j 22:05	27°♉01'25	1.70886 AU	
superior conj	-8219 Jul 21 j 23:18	28°♉21'04	1°18'00	
minimum elong	-8219 Jul 21 j 16:32	27°♉59'43	1°18'19	
	-8219 Jul 23 j 06:36	0°♊		
	-8219 Aug 16 j 00:29	0°♋		
evening rise	-8219 Aug 31 j 17:59	19°♋49'11		
	-8219 Sep 08 j 20:28	0°♌		
desc. node	-8219 Sep 29 j 08:51	25°♌40'01		
	-8219 Oct 02 j 20:19	0°♍		
	-8219 Oct 27 j 00:57	0°♎		
	-8219 Nov 20 j 11:23	0°♏		
	-8219 Dec 15 j 06:26	0°♐		
	-8218 Jan 09 j 16:47	0°♑		
asc. node	-8218 Jan 19 j 11:35	11°♑13'40		
	-8218 Feb 05 j 08:51	0°♒		
evening max el	-8218 Mar 03 j 20:19	27°♒05'35	45°02'23	
	-8218 Mar 06 j 23:07	0°♓		
greatest brilliancy	-8218 Apr 10 j 21:46	24°♓11'13	-4.7m	
retrograde	-8218 Apr 21 j 01:34	26°♓01'08		
evening set	-8218 May 05 j 18:54	21°♓57'37		
inferior conj	-8218 May 12 j 05:33	18°♓16'40	-0°00'14	
minimum elong	-8218 May 12 j 05:32	18°♓16'41	0°00'24	
transit middle	-8218 May 12 j 05:32	18°♓16'41	0°00'24	
transit begin	-8218 May 12 j 01:25	18°♓22'53		
transit end	-8218 May 12 j 09:39	18°♓10'29		
desc. node	-8218 May 12 j 05:09	18°♓17'16		
min. Earth dist.	-8218 May 13 j 01:59	17°♓45'56	0.27819 AU	
morning rise	-8218 May 18 j 15:01	14°♓34'14		
direct	-8218 Jun 02 j 15:00	10°♓16'14		
greatest brilliancy	-8218 Jun 14 j 05:12	12°♓41'20	-4.8m	
	-8218 Jul 09 j 18:25	0°♈		
morning max el	-8218 Jul 22 j 21:58	12°♈28'06	46°40'12	
	-8218 Aug 08 j 11:31	0°♉		
asc. node	-8218 Sep 01 j 10:21	27°♉27'24		
	-8218 Sep 03 j 13:55	0°♊		
	-8218 Sep 28 j 11:00	0°♋		
	-8218 Oct 22 j 21:50	0°♌		
	-8218 Nov 16 j 07:26	0°♍		
	-8218 Dec 10 j 19:16	0°♎		
desc. node	-8218 Dec 22 j 22:36	14°♎49'22		
	-8217 Jan 04 j 09:08	0°♏		
morning set	-8217 Jan 27 j 21:10	28°♏40'37		
	-8217 Jan 28 j 23:10	0°♐		
	-8217 Feb 22 j 11:34	0°♑		
max. Earth dist.	-8217 Mar 02 j 19:35	10°♑13'35	1.73742 AU	
superior conj	-8217 Mar 05 j 08:25	13°♑20'21	-1°13'28	
minimum elong	-8217 Mar 05 j 14:46	13°♑39'52	1°13'52	
	-8217 Mar 18 j 21:41	0°♒		
evening rise	-8217 Apr 09 j 18:49	26°♒57'53		
	-8217 Apr 12 j 05:52	0°♓		
asc. node	-8217 Apr 13 j 21:35	2°♓02'31		
	-8217 May 06 j 12:52	0°♈		
	-8217 May 30 j 19:39	0°♉		
	-8217 Jun 24 j 03:40	0°♊		
	-8217 Jul 18 j 15:20	0°♋		
desc. node	-8217 Aug 04 j 10:49	20°♋23'33		
	-8217 Aug 12 j 10:43	0°♌		
	-8217 Sep 06 j 21:25	0°♍		
	-8217 Oct 03 j 19:00	0°♎		
evening max el	-8217 Oct 10 j 18:23	7°♎15'46	47°00'34	
	-8217 Nov 04 j 22:55	0°♏		
greatest brilliancy	-8217 Nov 19 j 11:01	8°♏30'35	-4.8m	
asc. node	-8217 Nov 24 j 16:37	10°♏10'26		
retrograde	-8217 Nov 30 j 13:11	10°♏51'33		
evening set	-8217 Dec 16 j 05:48	5°♏52'09		
min. Earth dist.	-8217 Dec 20 j 22:54	2°♏56'26	0.28752 AU	
inferior conj	-8217 Dec 21 j 17:58	2°♏25'45	5°44'37	
minimum elong	-8217 Dec 21 j 09:14	2°♏39'49	5°42'34	
	-8217 Dec 25 j 14:10	30°℞♎		
morning rise	-8217 Dec 26 j 13:17	29°♎25'10		
direct	-8216 Jan 11 j 23:40	24°♎07'08		
greatest brilliancy	-8216 Jan 20 j 20:48	25°♎34'26	-4.7m	
	-8216 Jan 30 j 17:25	0°♏		
morning max el	-8216 Feb 29 j 17:28	23°♏46'52	45°54'17	
	-8216 Mar 07 j 03:43	0°♐		
desc. node	-8216 Mar 16 j 09:50	9°♐22'06		
	-8216 Apr 04 j 16:12	0°♑		
	-8216 May 01 j 02:08	0°♒		
	-8216 May 26 j 09:18	0°♓		
	-8216 Jun 19 j 23:07	0°♈		
asc. node	-8216 Jul 06 j 11:27	20°♈30'44		
	-8216 Jul 14 j 01:20	0°♉		
greatest brilliancy	-8216 Jul 19 j 13:10	6°♉54'02	-3.9m	
	-8216 Aug 06 j 20:43	0°♊		
morning set	-8216 Aug 26 j 14:13	24°♊57'53		
	-8216 Aug 30 j 13:45	0°♋		
	-8216 Sep 23 j 08:12	0°♌		
superior conj	-8216 Oct 07 j 11:26	17°♌45'01	0°42'27	
minimum elong	-8216 Oct 07 j 21:50	18°♌17'36	0°42'26	
max. Earth dist.	-8216 Oct 13 j 22:45	25°♌51'12	1.71471 AU	
	-8216 Oct 17 j 06:23	0°♍		
desc. node	-8216 Oct 26 j 21:46	12°♍01'28		
	-8216 Nov 10 j 08:54	0°♎		
evening rise	-8216 Nov 19 j 04:31	10°♎55'25		
	-8216 Dec 04 j 15:17	0°♏		
	-8216 Dec 29 j 01:20	0°♐		
	-8215 Jan 22 j 16:19	0°♑		
asc. node	-8215 Feb 15 j 23:02	29°♑11'38		
	-8215 Feb 16 j 15:16	0°♒		
	-8215 Mar 14 j 02:53	0°♓		
	-8215 Apr 09 j 10:53	0°♈		
	-8215 May 07 j 10:51	0°♉		
evening max el	-8215 May 15 j 19:01	8°♉17'40	46°21'16	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

desc. node	-8215 Jun 08 j 15:39	28°♉49'29	
	-8215 Jun 10 j 07:52	0°♊	
greatest brilliancy	-8215 Jun 25 j 04:43	7°♊49'28	-4.9m
retrograde	-8215 Jul 04 j 16:16	9°♊28'12	
evening set	-8215 Jul 21 j 21:07	3°♊54'06	
inferior conj	-8215 Jul 25 j 09:15	1°♊49'24	-8°37'10
minimum elong	-8215 Jul 25 j 03:40	1°♊57'47	8°36'15
min. Earth dist.	-8215 Jul 25 j 04:01	1°♊57'17	0.26670 AU
morning rise	-8215 Jul 28 j 10:13	0°♊01'07	
	-8215 Jul 28 j 10:59	30°℞♉	
direct	-8215 Aug 14 j 20:38	24°♉16'01	
greatest brilliancy	-8215 Aug 25 j 05:53	26°♉19'12	-4.9m
	-8215 Sep 01 j 19:14	0°♊	
asc. node	-8215 Sep 28 j 21:40	22°♊08'47	
morning max el	-8215 Oct 04 j 13:58	27°♊50'34	46°42'31
	-8215 Oct 06 j 16:14	0°♋	
	-8215 Nov 03 j 00:01	0°♌	
	-8215 Nov 28 j 19:54	0°♍	
	-8215 Dec 24 j 04:54	0°♎	
	-8214 Jan 18 j 09:31	0°♏	
desc. node	-8214 Jan 19 j 11:43	1°♏18'15	
	-8214 Feb 12 j 10:05	0°♐	
	-8214 Mar 09 j 05:25	0°♑	
	-8214 Apr 02 j 18:52	0°♒	
morning set	-8214 Apr 05 j 02:46	2°♒51'38	
	-8214 Apr 27 j 02:44	0°♓	
max. Earth dist.	-8214 May 06 j 01:12	11°♓05'03	1.72594 AU
superior conj	-8214 May 10 j 13:40	16°♓42'02	-0°02'05
minimum elong	-8214 May 10 j 14:06	16°♓43'22	0°02'15
behind sun begin	-8214 May 09 j 16:04	15°♓34'53	
behind sun end	-8214 May 11 j 12:07	17°♓51'51	
asc. node	-8214 May 11 j 10:48	17°♓47'44	
	-8214 May 21 j 05:56	0°♈	
	-8214 Jun 14 j 05:47	0°♉	
evening rise	-8214 Jun 15 j 19:02	1°♉56'40	
	-8214 Jul 08 j 04:07	0°♊	
	-8214 Aug 01 j 03:12	0°♋	
	-8214 Aug 25 j 05:24	0°♌	
desc. node	-8214 Aug 31 j 22:30	8°♌18'53	
	-8214 Sep 18 j 13:02	0°♍	
	-8214 Oct 13 j 05:07	0°♎	
	-8214 Nov 07 j 12:07	0°♏	
	-8214 Dec 04 j 03:33	0°♐	
evening max el	-8214 Dec 20 j 09:55	16°♐47'43	45°24'32
asc. node	-8214 Dec 22 j 03:11	18°♐28'08	
	-8213 Jan 03 j 20:34	0°♑	
greatest brilliancy	-8213 Jan 27 j 04:33	14°♑53'31	-4.7m
retrograde	-8213 Feb 06 j 23:40	17°♑00'01	
evening set	-8213 Feb 24 j 11:26	11°♑13'45	
inferior conj	-8213 Feb 28 j 11:28	8°♑44'35	7°37'57
minimum elong	-8213 Feb 28 j 16:54	8°♑35'58	7°36'55
min. Earth dist.	-8213 Mar 01 j 04:38	8°♑17'24	0.29513 AU
morning rise	-8213 Mar 04 j 22:12	5°♑58'40	
direct	-8213 Mar 22 j 10:58	0°♑13'41	
greatest brilliancy	-8213 Apr 01 j 22:29	2°♑11'10	-4.7m
desc. node	-8213 Apr 13 j 20:42	8°♑16'07	
	-8213 May 10 j 04:38	0°♒	
morning max el	-8213 May 10 j 17:06	0°♒30'03	46°08'50
	-8213 Jun 07 j 20:38	0°♓	
	-8213 Jul 03 j 21:38	0°♈	
	-8213 Jul 28 j 17:38	0°♉	
asc. node	-8213 Aug 04 j 00:18	7°♉43'43	
	-8213 Aug 21 j 22:19	0°♊	
	-8213 Sep 14 j 20:13	0°♋	
	-8213 Oct 08 j 17:30	0°♌	
	-8213 Nov 01 j 17:53	0°♍	
morning set	-8213 Nov 13 j 05:35	14°♍16'30	
desc. node	-8213 Nov 24 j 11:15	28°♍11'20	
	-8213 Nov 25 j 22:24	0°♎	
	-8213 Dec 20 j 06:11	0°♏	
superior conj	-8213 Dec 24 j 04:48	4°♏51'02	-1°00'07
minimum elong	-8213 Dec 23 j 19:02	4°♏21'00	1°00'04
max. Earth dist.	-8213 Dec 26 j 07:38	7°♏27'24	1.73236 AU
	-8212 Jan 13 j 15:45	0°♐	
evening rise	-8212 Jan 31 j 00:25	21°♐18'44	
	-8212 Feb 07 j 02:23	0°♑	
greatest brilliancy	-8212 Feb 15 j 05:24	9°♑57'32	-3.9m
	-8212 Mar 02 j 14:34	0°♒	
asc. node	-8212 Mar 15 j 11:02	15°♒41'03	
	-8212 Mar 27 j 05:30	0°♓	
	-8212 Apr 21 j 00:35	0°♈	
	-8212 May 16 j 01:45	0°♉	
	-8212 Jun 10 j 13:10	0°♊	
desc. node	-8212 Jul 06 j 02:01	29°♊04'59	
	-8212 Jul 06 j 21:53	0°♋	
evening max el	-8212 Jul 28 j 07:47	22°♋46'03	47°43'43
	-8212 Aug 04 j 16:06	0°♌	
greatest brilliancy	-8212 Sep 07 j 19:38	24°♌38'21	-4.9m
retrograde	-8212 Sep 17 j 08:18	26°♌23'36	
evening set	-8212 Oct 02 j 21:41	21°♌32'45	
min. Earth dist.	-8212 Oct 07 j 15:17	18°♌39'55	0.26847 AU
inferior conj	-8212 Oct 08 j 01:45	18°♌23'31	-4°23'14
minimum elong	-8212 Oct 08 j 10:15	18°♌10'09	4°20'28
morning rise	-8212 Oct 13 j 23:19	14°♌51'07	
asc. node	-8212 Oct 26 j 08:19	10°♌44'44	
direct	-8212 Oct 28 j 08:09	10°♌39'50	
greatest brilliancy	-8212 Nov 06 j 22:39	12°♌25'18	-4.9m
	-8212 Dec 03 j 15:39	0°♍	
morning max el	-8212 Dec 16 j 21:26	12°♍18'38	46°13'23
	-8211 Jan 03 j 04:01	0°♎	
	-8211 Jan 30 j 12:51	0°♏	
desc. node	-8211 Feb 16 j 00:13	18°♏43'40	
	-8211 Feb 25 j 18:30	0°♐	
	-8211 Mar 23 j 07:33	0°♑	
	-8211 Apr 17 j 07:33	0°♒	
	-8211 May 11 j 20:41	0°♓	
	-8211 Jun 05 j 01:06	0°♈	
asc. node	-8211 Jun 08 j 00:16	3°♈42'13	
morning set	-8211 Jun 11 j 11:21	8°♈02'00	
	-8211 Jun 28 j 23:10	0°♉	
max. Earth dist.	-8211 Jul 18 j 07:36	24°♉24'48	1.70923 AU
superior conj	-8211 Jul 19 j 12:34	25°♉56'18	1°16'40
minimum elong	-8211 Jul 19 j 05:14	25°♉33'07	1°16'56
	-8211 Jul 22 j 17:42	0°♊	
	-8211 Aug 15 j 11:42	0°♋	
evening rise	-8211 Aug 29 j 02:36	17°♋09'54	
	-8211 Sep 08 j 07:48	0°♌	
desc. node	-8211 Sep 28 j 10:53	25°♌10'49	
	-8211 Oct 02 j 07:45	0°♍	
	-8211 Oct 26 j 12:32	0°♎	
	-8211 Nov 19 j 23:14	0°♏	
	-8211 Dec 14 j 18:50	0°♐	
	-8210 Jan 09 j 06:21	0°♑	
asc. node	-8210 Jan 18 j 13:48	10°♑39'24	
	-8210 Feb 05 j 01:10	0°♒	
evening max el	-8210 Mar 01 j 11:24	24°♒53'12	45°01'20
	-8210 Mar 07 j 00:24	0°♓	
greatest brilliancy	-8210 Apr 08 j 10:35	21°♓55'14	-4.7m
retrograde	-8210 Apr 18 j 16:06	23°♓46'18	
evening set	-8210 May 03 j 09:58	19°♓41'03	
inferior conj	-8210 May 09 j 19:46	16°♓00'47	0°21'02

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-8210 May 09 j 20:32	15°♓59'36	0°20'36
min. Earth dist.	-8210 May 10 j 16:48	15°♓29'08	0.27883 AU
desc. node	-8210 May 11 j 07:28	15°♓07'06	
morning rise	-8210 May 16 j 06:04	12°♓17'19	
direct	-8210 May 31 j 06:31	7°♓59'03	
greatest brilliancy	-8210 Jun 11 j 20:25	10°♓24'23	-4.8m
	-8210 Jul 09 j 23:13	0°♈	
morning max el	-8210 Jul 20 j 13:26	10°♈10'03	46°39'29
	-8210 Aug 08 j 05:14	0°♉	
asc. node	-8210 Aug 31 j 12:32	26°♉50'09	
	-8210 Sep 03 j 04:30	0°♊	
	-8210 Sep 28 j 00:10	0°♋	
	-8210 Oct 22 j 10:13	0°♌	
	-8210 Nov 15 j 19:18	0°♍	
	-8210 Dec 10 j 06:44	0°♎	
desc. node	-8210 Dec 22 j 00:45	14°♎21'21	
	-8209 Jan 03 j 20:18	0°♏	
morning set	-8209 Jan 25 j 13:33	26°♏30'36	
	-8209 Jan 28 j 10:05	0°♐	
	-8209 Feb 21 j 22:21	0°♑	
max. Earth dist.	-8209 Feb 28 j 19:14	8°♑25'46	1.73756 AU
superior conj	-8209 Mar 03 j 03:27	11°♑18'19	-1°14'42
minimum elong	-8209 Mar 03 j 09:26	11°♑36'42	1°15'08
	-8209 Mar 18 j 08:27	0°♒	
evening rise	-8209 Apr 07 j 14:30	24°♒57'03	
	-8209 Apr 11 j 16:45	0°♓	
asc. node	-8209 Apr 12 j 23:46	1°♓35'39	
	-8209 May 06 j 00:01	0°♈	
	-8209 May 30 j 07:09	0°♉	
	-8209 Jun 23 j 15:37	0°♊	
	-8209 Jul 18 j 03:55	0°♋	
desc. node	-8209 Aug 03 j 12:57	19°♋50'15	
	-8209 Aug 12 j 00:15	0°♌	
	-8209 Sep 06 j 12:44	0°♍	
	-8209 Oct 03 j 14:39	0°♎	
evening max el	-8209 Oct 08 j 11:26	5°♎02'23	47°03'43
	-8209 Nov 05 j 18:28	0°♏	
greatest brilliancy	-8209 Nov 17 j 04:14	6°♏18'19	-4.8m
asc. node	-8209 Nov 23 j 19:00	8°♏14'57	
retrograde	-8209 Nov 28 j 06:49	8°♏39'20	
evening set	-8209 Dec 13 j 20:30	3°♏43'19	
min. Earth dist.	-8209 Dec 18 j 14:38	0°♏46'03	0.28685 AU
inferior conj	-8209 Dec 19 j 10:39	0°♏13'48	5°30'48
minimum elong	-8209 Dec 19 j 01:59	0°♏27'47	5°28'45
	-8209 Dec 19 j 19:14	30°℞♎	
morning rise	-8209 Dec 24 j 08:11	27°♎10'11	
direct	-8208 Jan 09 j 16:02	21°♎56'26	
greatest brilliancy	-8208 Jan 18 j 11:37	23°♎22'58	-4.7m
	-8208 Jan 31 j 23:11	0°♏	
morning max el	-8208 Feb 27 j 10:00	21°♏39'16	45°54'16
	-8208 Mar 06 j 23:37	0°♐	
desc. node	-8208 Mar 15 j 11:58	8°♐41'32	
	-8208 Apr 04 j 07:05	0°♑	
	-8208 Apr 30 j 15:05	0°♒	
	-8208 May 25 j 21:19	0°♓	
	-8208 Jun 19 j 10:40	0°♈	
asc. node	-8208 Jul 05 j 13:31	20°♈01'39	
	-8208 Jul 13 j 12:39	0°♉	
greatest brilliancy	-8208 Jul 20 j 19:10	9°♉08'25	-3.9m
	-8208 Aug 06 j 07:54	0°♊	
morning set	-8208 Aug 24 j 01:02	22°♊25'06	
	-8208 Aug 30 j 00:52	0°♋	
	-8208 Sep 22 j 19:16	0°♌	
superior conj	-8208 Oct 04 j 20:07	15°♌07'09	0°45'49
minimum elong	-8208 Oct 05 j 07:01	15°♌41'18	0°45'48
max. Earth dist.	-8208 Oct 11 j 10:58	23°♌24'41	1.71411 AU
	-8208 Oct 16 j 17:25	0°♍	
desc. node	-8208 Oct 26 j 00:01	11°♍34'07	
	-8208 Nov 09 j 19:57	0°♎	
evening rise	-8208 Nov 16 j 15:46	8°♎27'32	
	-8208 Dec 04 j 02:21	0°♏	
	-8208 Dec 28 j 12:30	0°♐	
	-8207 Jan 22 j 03:46	0°♑	
asc. node	-8207 Feb 15 j 01:10	28°♑42'05	
	-8207 Feb 16 j 03:21	0°♒	
	-8207 Mar 13 j 16:10	0°♓	
	-8207 Apr 09 j 02:31	0°♈	
	-8207 May 07 j 08:11	0°♉	
evening max el	-8207 May 13 j 08:15	5°♉55'18	46°17'28
desc. node	-8207 Jun 07 j 17:53	27°♉29'06	
	-8207 Jun 11 j 14:30	0°♊	
greatest brilliancy	-8207 Jun 22 j 15:57	5°♊20'40	-4.9m
retrograde	-8207 Jul 02 j 03:31	6°♊59'08	
evening set	-8207 Jul 19 j 05:04	1°♊31'29	
	-8207 Jul 21 j 19:13	30°℞♉	
inferior conj	-8207 Jul 22 j 21:10	29°♉21'03	-8°29'49
minimum elong	-8207 Jul 22 j 14:46	29°♉30'39	8°28'47
min. Earth dist.	-8207 Jul 22 j 16:22	29°♉28'15	0.26682 AU
morning rise	-8207 Jul 26 j 00:26	27°♉29'16	
direct	-8207 Aug 12 j 09:03	21°♉47'32	
greatest brilliancy	-8207 Aug 22 j 19:15	23°♉51'02	-4.9m
	-8207 Sep 03 j 06:33	0°♊	
asc. node	-8207 Sep 27 j 23:51	21°♊12'26	
morning max el	-8207 Oct 02 j 01:39	25°♊19'17	46°43'15
	-8207 Oct 06 j 13:51	0°♋	
	-8207 Nov 02 j 16:03	0°♌	
	-8207 Nov 28 j 09:41	0°♍	
	-8207 Dec 23 j 17:28	0°♎	
	-8206 Jan 17 j 21:19	0°♏	
desc. node	-8206 Jan 18 j 13:44	0°♏49'05	
	-8206 Feb 11 j 21:23	0°♐	
	-8206 Mar 08 j 16:24	0°♑	
	-8206 Apr 02 j 05:41	0°♒	
morning set	-8206 Apr 02 j 22:14	0°♒50'48	
	-8206 Apr 26 j 13:30	0°♓	
max. Earth dist.	-8206 May 03 j 19:34	8°♓59'36	1.72656 AU
superior conj	-8206 May 08 j 08:18	14°♓37'15	-0°05'09
minimum elong	-8206 May 08 j 09:20	14°♓40'28	0°05'18
behind sun begin	-8206 May 07 j 12:15	13°♓34'59	
behind sun end	-8206 May 09 j 06:25	15°♓45'59	
asc. node	-8206 May 10 j 13:03	17°♓21'11	
	-8206 May 20 j 16:46	0°♈	
evening rise	-8206 Jun 13 j 11:43	29°♈44'09	
	-8206 Jun 13 j 16:47	0°♉	
	-8206 Jul 07 j 15:21	0°♊	
	-8206 Jul 31 j 14:42	0°♋	
	-8206 Aug 24 j 17:14	0°♌	
desc. node	-8206 Aug 31 j 00:38	7°♌48'41	
	-8206 Sep 18 j 01:15	0°♍	
	-8206 Oct 12 j 17:57	0°♎	
	-8206 Nov 07 j 02:13	0°♏	
	-8206 Dec 03 j 20:49	0°♐	
evening max el	-8206 Dec 18 j 00:25	14°♐33'04	45°27'02
asc. node	-8206 Dec 21 j 05:18	17°♐39'27	
	-8205 Jan 04 j 03:27	0°♑	
greatest brilliancy	-8205 Jan 24 j 21:26	12°♑48'00	-4.7m
retrograde	-8205 Feb 04 j 16:38	14°♑55'16	
evening set	-8205 Feb 22 j 06:02	9°♑06'16	
inferior conj	-8205 Feb 26 j 04:50	6°♑38'54	7°43'32
minimum elong	-8205 Feb 26 j 09:44	6°♑31'08	7°42'36
min. Earth dist.	-8205 Feb 26 j 21:11	6°♑13'00	0.29538 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning rise	-8205 Mar 02 j 13:15	3°♉56'14	
	-8205 Mar 10 j 08:50	30°℞♐	
direct	-8205 Mar 20 j 03:38	28°♐07'29	
	-8205 Mar 30 j 09:57	0°♉	
greatest brilliancy	-8205 Mar 30 j 14:47	0°♉04'16	-4.7m
desc. node	-8205 Apr 12 j 23:00	7°♉03'36	
morning max el	-8205 May 08 j 08:45	28°♉18'38	46°07'53
	-8205 May 10 j 02:30	0°♒	
	-8205 Jun 07 j 12:18	0°♓	
	-8205 Jul 03 j 11:07	0°♈	
	-8205 Jul 28 j 06:07	0°♉	
asc. node	-8205 Aug 03 j 02:25	7°♉12'12	
	-8205 Aug 21 j 10:16	0°♊	
	-8205 Sep 14 j 07:52	0°♋	
	-8205 Oct 08 j 04:58	0°♌	
	-8205 Nov 01 j 05:10	0°♍	
morning set	-8205 Nov 10 j 16:21	11°♍46'15	
desc. node	-8205 Nov 23 j 13:22	27°♍43'33	
	-8205 Nov 25 j 09:30	0°♎	
	-8205 Dec 19 j 17:08	0°♏	
superior conj	-8205 Dec 21 j 19:06	2°♏33'46	-0°57'46
minimum elong	-8205 Dec 21 j 09:15	2°♏03'27	0°57'41
max. Earth dist.	-8205 Dec 24 j 01:16	5°♏20'26	1.73186 AU
	-8204 Jan 13 j 02:37	0°♐	
evening rise	-8204 Jan 28 j 18:12	19°♐12'41	
	-8204 Feb 06 j 13:17	0°♉	
greatest brilliancy	-8204 Feb 14 j 15:57	9°♉56'20	-3.9m
	-8204 Mar 02 j 01:39	0°♒	
asc. node	-8204 Mar 14 j 13:16	15°♒13'33	
	-8204 Mar 26 j 16:58	0°♓	
	-8204 Apr 20 j 12:42	0°♈	
	-8204 May 15 j 14:51	0°♉	
	-8204 Jun 10 j 03:56	0°♊	
desc. node	-8204 Jul 05 j 04:07	28°♊21'39	
	-8204 Jul 06 j 15:52	0°♋	
evening max el	-8204 Jul 25 j 20:57	20°♋19'27	47°42'37
	-8204 Aug 04 j 19:33	0°♌	
greatest brilliancy	-8204 Sep 05 j 10:32	22°♌11'51	-4.9m
retrograde	-8204 Sep 14 j 21:39	23°♌56'06	
evening set	-8204 Sep 30 j 13:46	19°♌01'29	
min. Earth dist.	-8204 Oct 05 j 05:27	16°♌11'56	0.26815 AU
inferior conj	-8204 Oct 05 j 15:06	15°♌56'49	-4°43'28
minimum elong	-8204 Oct 06 j 00:06	15°♌42'46	4°40'37
morning rise	-8204 Oct 11 j 10:49	12°♌27'29	
asc. node	-8204 Oct 25 j 10:42	8°♌13'52	
direct	-8204 Oct 25 j 20:46	8°♌13'39	
greatest brilliancy	-8204 Nov 04 j 13:01	10°♌00'54	-4.9m
	-8204 Dec 03 j 21:41	0°♍	
morning max el	-8204 Dec 14 j 12:02	9°♍59'39	46°14'40
	-8203 Jan 02 j 22:01	0°♎	
	-8203 Jan 30 j 03:18	0°♏	
desc. node	-8203 Feb 15 j 02:22	18°♏11'33	
	-8203 Feb 25 j 07:18	0°♐	
	-8203 Mar 22 j 19:27	0°♑	
	-8203 Apr 16 j 18:58	0°♒	
	-8203 May 11 j 07:52	0°♓	
	-8203 Jun 04 j 12:11	0°♈	
asc. node	-8203 Jun 07 j 02:21	3°♈14'05	
morning set	-8203 Jun 09 j 03:54	5°♈48'57	
	-8203 Jun 28 j 10:16	0°♉	
max. Earth dist.	-8203 Jul 15 j 17:03	21°♉47'48	1.70959 AU
superior conj	-8203 Jul 17 j 01:53	23°♉31'29	1°15'11
minimum elong	-8203 Jul 16 j 18:02	23°♉06'42	1°15'25
	-8203 Jul 22 j 04:53	0°♊	
	-8203 Aug 14 j 22:58	0°♋	
evening rise	-8203 Aug 26 j 11:15	14°♋30'27	
	-8203 Sep 07 j 19:11	0°♌	
desc. node	-8203 Sep 27 j 13:07	24°♌41'55	
	-8203 Oct 01 j 19:16	0°♍	
	-8203 Oct 26 j 00:14	0°♎	
	-8203 Nov 19 j 11:14	0°♏	
	-8203 Dec 14 j 07:24	0°♐	
	-8202 Jan 08 j 20:06	0°♑	
asc. node	-8202 Jan 17 j 16:01	10°♑04'41	
	-8202 Feb 04 j 17:50	0°♒	
evening max el	-8202 Feb 27 j 03:10	22°♒42'37	45°00'26
	-8202 Mar 07 j 03:04	0°♓	
greatest brilliancy	-8202 Apr 05 j 23:52	19°♓40'21	-4.7m
retrograde	-8202 Apr 16 j 06:39	21°♓31'59	
evening set	-8202 May 01 j 01:29	17°♓25'06	
inferior conj	-8202 May 07 j 10:14	13°♓45'29	0°41'58
minimum elong	-8202 May 07 j 11:47	13°♓43'08	0°41'17
min. Earth dist.	-8202 May 08 j 07:40	13°♓13'09	0.27949 AU
desc. node	-8202 May 10 j 09:39	11°♓58'36	
morning rise	-8202 May 13 j 21:09	10°♓01'01	
direct	-8202 May 28 j 22:28	5°♓42'36	
greatest brilliancy	-8202 Jun 09 j 11:14	8°♓07'06	-4.8m
	-8202 Jul 10 j 02:30	0°♈	
morning max el	-8202 Jul 18 j 04:51	7°♈51'31	46°38'31
	-8202 Aug 07 j 22:49	0°♉	
asc. node	-8202 Aug 30 j 14:47	26°♉12'42	
	-8202 Sep 02 j 19:09	0°♊	
	-8202 Sep 27 j 13:28	0°♋	
	-8202 Oct 21 j 22:44	0°♌	
	-8202 Nov 15 j 07:19	0°♍	
	-8202 Dec 09 j 18:24	0°♎	
desc. node	-8202 Dec 21 j 02:43	13°♎52'15	
	-8201 Jan 03 j 07:41	0°♏	
morning set	-8201 Jan 23 j 05:51	24°♏19'41	
	-8201 Jan 27 j 21:14	0°♐	
	-8201 Feb 21 j 09:21	0°♑	
max. Earth dist.	-8201 Feb 26 j 18:36	6°♑36'26	1.73761 AU
superior conj	-8201 Feb 28 j 22:34	9°♑15'54	-1°15'51
minimum elong	-8201 Mar 01 j 04:09	9°♑33'05	1°16'18
	-8201 Mar 17 j 19:25	0°♒	
evening rise	-8201 Apr 05 j 10:21	22°♒56'14	
	-8201 Apr 11 j 03:50	0°♓	
asc. node	-8201 Apr 12 j 02:03	1°♓08'29	
	-8201 May 05 j 11:20	0°♈	
	-8201 May 29 j 18:52	0°♉	
	-8201 Jun 23 j 03:52	0°♊	
	-8201 Jul 17 j 16:51	0°♋	
desc. node	-8201 Aug 02 j 15:08	19°♋15'55	
	-8201 Aug 11 j 14:16	0°♌	
	-8201 Sep 06 j 04:40	0°♍	
	-8201 Oct 03 j 11:21	0°♎	
evening max el	-8201 Oct 06 j 04:06	2°♎46'37	47°06'51
	-8201 Nov 06 j 22:14	0°♏	
greatest brilliancy	-8201 Nov 14 j 21:49	4°♏04'56	-4.8m
asc. node	-8201 Nov 22 j 21:06	6°♏13'20	
retrograde	-8201 Nov 25 j 23:52	6°♏25'08	
evening set	-8201 Dec 11 j 11:06	1°♏32'38	
	-8201 Dec 14 j 00:06	30°℞♎	
min. Earth dist.	-8201 Dec 16 j 06:22	28°♎33'31	0.28613 AU
inferior conj	-8201 Dec 17 j 03:07	28°♎00'06	5°16'30
minimum elong	-8201 Dec 16 j 18:32	28°♎13'55	5°14'24
morning rise	-8201 Dec 22 j 02:47	24°♎53'19	
direct	-8200 Jan 07 j 08:11	19°♎44'05	
greatest brilliancy	-8200 Jan 16 j 02:25	21°♎09'46	-4.7m
	-8200 Feb 01 j 21:29	0°♏	
morning max el	-8200 Feb 25 j 01:33	19°♏28'10	45°54'23

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8200 Mar 06 j 19:21	0°♐	
desc. node	-8200 Mar 14 j 14:12	8°♐00'42	
	-8200 Apr 03 j 22:06	0°♑	
	-8200 Apr 30 j 04:13	0°♒	
	-8200 May 25 j 09:33	0°♓	
	-8200 Jun 18 j 22:26	0°♈	
asc. node	-8200 Jul 04 j 15:40	19°♈32'08	
	-8200 Jul 13 j 00:12	0°♉	
greatest brilliancy	-8200 Jul 21 j 12:26	10°♉42'07	-3.9m
	-8200 Aug 05 j 19:23	0°♊	
morning set	-8200 Aug 21 j 11:37	19°♊50'26	
	-8200 Aug 29 j 12:19	0°♋	
	-8200 Sep 22 j 06:43	0°♌	
superior conj	-8200 Oct 02 j 04:22	12°♌26'35	0°49'07
minimum elong	-8200 Oct 02 j 15:40	13°♌02'01	0°49'08
max. Earth dist.	-8200 Oct 08 j 21:01	20°♌50'03	1.71350 AU
	-8200 Oct 16 j 04:52	0°♍	
desc. node	-8200 Oct 25 j 02:07	11°♍05'06	
	-8200 Nov 09 j 07:22	0°♎	
evening rise	-8200 Nov 14 j 02:13	5°♎55'55	
	-8200 Dec 03 j 13:47	0°♏	
	-8200 Dec 28 j 00:03	0°♐	
	-8199 Jan 21 j 15:38	0°♑	
asc. node	-8199 Feb 14 j 03:25	28°♑11'39	
	-8199 Feb 15 j 15:52	0°♒	
	-8199 Mar 13 j 05:55	0°♓	
	-8199 Apr 08 j 18:43	0°♈	
	-8199 May 07 j 06:36	0°♉	
evening max el	-8199 May 10 j 20:40	3°♉30'26	46°13'52
desc. node	-8199 Jun 06 j 19:57	26°♉05'23	
	-8199 Jun 13 j 10:58	0°♊	
greatest brilliancy	-8199 Jun 20 j 03:32	2°♊52'06	-4.9m
retrograde	-8199 Jun 29 j 14:39	4°♊30'17	
	-8199 Jul 15 j 00:22	30°℞♉	
evening set	-8199 Jul 16 j 12:57	29°♉09'03	
inferior conj	-8199 Jul 20 j 09:15	26°♉52'44	-8°21'29
minimum elong	-8199 Jul 20 j 02:05	27°♉03'30	8°20'18
min. Earth dist.	-8199 Jul 20 j 05:04	26°♉59'01	0.26700 AU
morning rise	-8199 Jul 23 j 15:08	24°♉57'06	
direct	-8199 Aug 09 j 21:12	19°♉18'46	
greatest brilliancy	-8199 Aug 20 j 09:19	21°♉23'21	-4.9m
	-8199 Sep 04 j 08:01	0°♊	
asc. node	-8199 Sep 27 j 02:11	20°♊16'36	
morning max el	-8199 Sep 29 j 13:07	22°♊46'11	46°43'44
	-8199 Oct 06 j 11:09	0°♋	
	-8199 Nov 02 j 08:18	0°♌	
	-8199 Nov 27 j 23:49	0°♍	
	-8199 Dec 23 j 06:25	0°♎	
	-8198 Jan 17 j 09:30	0°♏	
desc. node	-8198 Jan 17 j 15:57	0°♏19'18	
	-8198 Feb 11 j 09:03	0°♐	
	-8198 Mar 08 j 03:44	0°♑	
morning set	-8198 Mar 31 j 17:28	28°♑48'13	
	-8198 Apr 01 j 16:51	0°♒	
	-8198 Apr 26 j 00:38	0°♓	
max. Earth dist.	-8198 May 01 j 15:10	6°♓56'59	1.72714 AU
superior conj	-8198 May 06 j 03:02	12°♓31'46	-0°08'11
minimum elong	-8198 May 06 j 04:39	12°♓36'48	0°08'19
behind sun begin	-8198 May 05 j 09:35	11°♓37'35	
behind sun end	-8198 May 06 j 23:43	13°♓36'02	
asc. node	-8198 May 09 j 15:06	16°♓52'59	
	-8198 May 20 j 03:56	0°♈	
evening rise	-8198 Jun 11 j 04:47	27°♈32'02	
	-8198 Jun 13 j 04:05	0°♉	
	-8198 Jul 07 j 02:50	0°♊	
	-8198 Jul 31 j 02:28	0°♋	
	-8198 Aug 24 j 05:20	0°♌	
desc. node	-8198 Aug 30 j 02:52	7°♌17'52	
	-8198 Sep 17 j 13:49	0°♍	
	-8198 Oct 12 j 07:14	0°♎	
	-8198 Nov 06 j 16:54	0°♏	
	-8198 Dec 03 j 15:01	0°♐	
evening max el	-8198 Dec 15 j 14:55	12°♐16'56	45°29'45
asc. node	-8198 Dec 20 j 07:34	16°♐48'47	
	-8197 Jan 04 j 13:51	0°♑	
greatest brilliancy	-8197 Jan 22 j 13:38	10°♑39'58	-4.7m
retrograde	-8197 Feb 02 j 09:52	12°♑48'44	
evening set	-8197 Feb 20 j 00:13	6°♑57'07	
inferior conj	-8197 Feb 23 j 22:00	4°♑31'19	7°48'28
minimum elong	-8197 Feb 24 j 02:19	4°♑24'28	7°47'39
min. Earth dist.	-8197 Feb 24 j 13:14	4°♑07'09	0.29560 AU
morning rise	-8197 Feb 28 j 04:14	1°♑51'53	
	-8197 Mar 03 j 10:49	30°℞♐	
direct	-8197 Mar 17 j 20:10	25°♐59'24	
greatest brilliancy	-8197 Mar 28 j 06:42	27°♐55'34	-4.7m
	-8197 Apr 02 j 04:35	0°♑	
desc. node	-8197 Apr 12 j 01:11	5°♑51'37	
morning max el	-8197 May 06 j 01:05	26°♑07'52	46°07'03
	-8197 May 10 j 00:03	0°♒	
	-8197 Jun 07 j 04:04	0°♓	
	-8197 Jul 03 j 00:47	0°♈	
	-8197 Jul 27 j 18:46	0°♉	
asc. node	-8197 Aug 02 j 04:41	6°♉40'32	
	-8197 Aug 20 j 22:22	0°♊	
	-8197 Sep 13 j 19:41	0°♋	
	-8197 Oct 07 j 16:35	0°♌	
	-8197 Oct 31 j 16:38	0°♍	
morning set	-8197 Nov 08 j 02:56	9°♍14'32	
desc. node	-8197 Nov 22 j 15:21	27°♍14'36	
	-8197 Nov 24 j 20:50	0°♎	
superior conj	-8197 Dec 19 j 08:49	0°♏13'43	-0°55'18
minimum elong	-8197 Dec 18 j 22:55	29°♎43'16	0°55'10
	-8197 Dec 19 j 04:22	0°♏	
max. Earth dist.	-8197 Dec 21 j 17:12	3°♏07'16	1.73140 AU
	-8196 Jan 12 j 13:48	0°♐	
evening rise	-8196 Jan 26 j 11:24	17°♐03'58	
	-8196 Feb 06 j 00:30	0°♑	
greatest brilliancy	-8196 Feb 14 j 00:29	9°♑48'02	-3.9m
	-8196 Mar 01 j 13:03	0°♒	
asc. node	-8196 Mar 13 j 15:29	14°♒45'08	
	-8196 Mar 26 j 04:45	0°♓	
	-8196 Apr 20 j 01:08	0°♈	
	-8196 May 15 j 04:21	0°♉	
	-8196 Jun 09 j 19:08	0°♊	
desc. node	-8196 Jul 04 j 06:26	27°♊37'45	
	-8196 Jul 06 j 10:27	0°♋	
evening max el	-8196 Jul 23 j 10:59	17°♋54'49	47°41'36
	-8196 Aug 05 j 00:51	0°♌	
greatest brilliancy	-8196 Sep 03 j 00:47	19°♌44'39	-4.9m
retrograde	-8196 Sep 12 j 11:38	21°♌28'39	
evening set	-8196 Sep 28 j 06:00	16°♌30'06	
inferior conj	-8196 Oct 03 j 04:29	13°♌30'03	-5°03'09
minimum elong	-8196 Oct 03 j 13:53	13°♌15'24	5°00'15
min. Earth dist.	-8196 Oct 02 j 19:11	13°♌44'34	0.26784 AU
morning rise	-8196 Oct 08 j 22:09	10°♌04'13	
direct	-8196 Oct 23 j 09:57	5°♌47'35	
asc. node	-8196 Oct 24 j 12:48	5°♌49'08	
greatest brilliancy	-8196 Nov 02 j 02:46	7°♌35'53	-4.9m
	-8196 Dec 04 j 01:49	0°♍	
morning max el	-8196 Dec 12 j 03:16	7°♍41'58	46°15'41
	-8195 Jan 02 j 15:46	0°♎	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8195 Jan 29 j 17:47	0°♏		
desc. node	-8195 Feb 14 j 04:34	17°♏39'12		
	-8195 Feb 24 j 20:14	0°♐		
	-8195 Mar 22 j 07:31	0°♑		
	-8195 Apr 16 j 06:31	0°♒		
	-8195 May 10 j 19:08	0°♓		
	-8195 Jun 03 j 23:21	0°♈		
asc. node	-8195 Jun 06 j 04:26	2°♈45'43		
morning set	-8195 Jun 06 j 20:21	3°♈35'25		
	-8195 Jun 27 j 21:28	0°♉		
max. Earth dist.	-8195 Jul 13 j 00:22	19°♉03'51	1.70996 AU	
superior conj	-8195 Jul 14 j 15:19	21°♉06'49	1°13'34	
minimum elong	-8195 Jul 14 j 07:03	20°♉40'42	1°13'46	
	-8195 Jul 21 j 16:10	0°♊		
	-8195 Aug 14 j 10:20	0°♋		
evening rise	-8195 Aug 23 j 20:08	11°♋51'30		
	-8195 Sep 07 j 06:36	0°♌		
desc. node	-8195 Sep 26 j 15:13	24°♌12'37		
	-8195 Oct 01 j 06:47	0°♍		
	-8195 Oct 25 j 11:55	0°♎		
	-8195 Nov 18 j 23:12	0°♏		
	-8195 Dec 13 j 19:58	0°♐		
	-8194 Jan 08 j 09:59	0°♑		
asc. node	-8194 Jan 16 j 18:16	9°♑29'46		
	-8194 Feb 04 j 10:52	0°♒		
evening max el	-8194 Feb 24 j 19:00	20°♒31'53	44°59'31	
	-8194 Mar 07 j 07:33	0°♓		
greatest brilliancy	-8194 Apr 03 j 13:53	17°♓26'04	-4.7m	
retrograde	-8194 Apr 13 j 20:46	19°♓17'22		
evening set	-8194 Apr 28 j 17:08	15°♓08'53		
inferior conj	-8194 May 05 j 00:42	11°♓30'10	1°02'39	
minimum elong	-8194 May 05 j 03:00	11°♓26'40	1°01'45	
min. Earth dist.	-8194 May 05 j 22:46	10°♓56'46	0.28014 AU	
desc. node	-8194 May 09 j 11:44	8°♓51'13		
morning rise	-8194 May 11 j 11:58	7°♓44'41		
direct	-8194 May 26 j 14:07	3°♓26'12		
greatest brilliancy	-8194 Jun 07 j 01:52	5°♓49'30	-4.8m	
	-8194 Jul 10 j 04:20	0°♈		
morning max el	-8194 Jul 15 j 19:18	5°♈30'44	46°37'31	
	-8194 Aug 07 j 16:02	0°♉		
asc. node	-8194 Aug 29 j 16:57	25°♉35'27		
	-8194 Sep 02 j 09:36	0°♊		
	-8194 Sep 27 j 02:36	0°♋		
	-8194 Oct 21 j 11:06	0°♌		
	-8194 Nov 14 j 19:10	0°♍		
	-8194 Dec 09 j 05:52	0°♎		
desc. node	-8194 Dec 20 j 04:56	13°♎24'30		
	-8193 Jan 02 j 18:51	0°♏		
morning set	-8193 Jan 20 j 22:15	22°♏09'35		
	-8193 Jan 27 j 08:12	0°♐		
	-8193 Feb 20 j 20:12	0°♑		
max. Earth dist.	-8193 Feb 24 j 16:52	4°♑44'12	1.73771 AU	
superior conj	-8193 Feb 26 j 17:37	7°♑13'48	-1°16'54	
minimum elong	-8193 Feb 26 j 22:47	7°♑29'39	1°17'22	
	-8193 Mar 17 j 06:16	0°♒		
evening rise	-8193 Apr 03 j 06:00	20°♒55'07		
	-8193 Apr 10 j 14:49	0°♓		
asc. node	-8193 Apr 11 j 04:03	0°♓40'49		
	-8193 May 04 j 22:35	0°♈		
	-8193 May 29 j 06:30	0°♉		
	-8193 Jun 22 j 16:01	0°♊		
	-8193 Jul 17 j 05:44	0°♋		
desc. node	-8193 Aug 01 j 17:20	18°♋41'54		
	-8193 Aug 11 j 04:15	0°♌		
	-8193 Sep 05 j 20:41	0°♍		
	-8193 Oct 03 j 08:32	0°♎		
evening max el	-8193 Oct 03 j 20:08	0°♎29'40	47°09'56	
	-8193 Nov 08 j 13:38	0°♏		
greatest brilliancy	-8193 Nov 12 j 16:09	1°♏53'10	-4.8m	
asc. node	-8193 Nov 21 j 23:21	4°♏08'12		
retrograde	-8193 Nov 23 j 16:40	4°♏11'50		
	-8193 Dec 07 j 23:49	30°℞♎		
evening set	-8193 Dec 09 j 01:57	29°♎22'51		
min. Earth dist.	-8193 Dec 13 j 22:35	26°♎21'38	0.28537 AU	
inferior conj	-8193 Dec 14 j 19:42	25°♎47'34	5°01'45	
minimum elong	-8193 Dec 14 j 11:17	26°♎01'09	4°59'37	
morning rise	-8193 Dec 19 j 21:27	22°♎37'34		
direct	-8192 Jan 04 j 23:57	17°♎33'00		
greatest brilliancy	-8192 Jan 13 j 17:43	18°♎58'12	-4.7m	
	-8192 Feb 02 j 13:26	0°♏		
morning max el	-8192 Feb 22 j 16:22	17°♏16'16	45°54'29	
	-8192 Mar 06 j 14:07	0°♐		
desc. node	-8192 Mar 13 j 16:20	7°♐21'07		
	-8192 Apr 03 j 12:36	0°♑		
	-8192 Apr 29 j 17:01	0°♒		
	-8192 May 24 j 21:31	0°♓		
	-8192 Jun 18 j 09:59	0°♈		
asc. node	-8192 Jul 03 j 17:55	19°♈03'40		
	-8192 Jul 12 j 11:32	0°♉		
greatest brilliancy	-8192 Jul 21 j 22:33	11°♉54'03	-3.9m	
	-8192 Aug 05 j 06:36	0°♊		
morning set	-8192 Aug 18 j 22:12	17°♊16'33		
	-8192 Aug 28 j 23:30	0°♋		
	-8192 Sep 21 j 17:54	0°♌		
superior conj	-8192 Sep 29 j 12:40	9°♌46'58	0°52'18	
minimum elong	-8192 Sep 30 j 00:17	10°♌23'25	0°52'20	
max. Earth dist.	-8192 Oct 06 j 03:53	18°♌06'13	1.71290 AU	
	-8192 Oct 15 j 16:03	0°♍		
desc. node	-8192 Oct 24 j 04:08	10°♍36'35		
	-8192 Nov 08 j 18:31	0°♎		
evening rise	-8192 Nov 11 j 12:31	3°♎24'33		
	-8192 Dec 03 j 00:55	0°♏		
	-8192 Dec 27 j 11:16	0°♐		
	-8191 Jan 21 j 03:09	0°♑		
asc. node	-8191 Feb 13 j 05:39	27°♑42'16		
	-8191 Feb 15 j 04:02	0°♒		
	-8191 Mar 12 j 19:24	0°♓		
	-8191 Apr 08 j 10:51	0°♈		
	-8191 May 07 j 05:36	0°♉		
evening max el	-8191 May 08 j 08:37	1°♉05'25	46°10'07	
desc. node	-8191 Jun 05 j 22:16	24°♉39'46		
	-8191 Jun 16 j 11:42	0°♊		
greatest brilliancy	-8191 Jun 17 j 14:56	0°♊23'54	-4.8m	
retrograde	-8191 Jun 27 j 01:56	2°♊02'14		
	-8191 Jul 07 j 06:42	30°℞♉		
evening set	-8191 Jul 13 j 20:34	26°♉47'11		
inferior conj	-8191 Jul 17 j 21:14	24°♉25'02	-8°12'07	
minimum elong	-8191 Jul 17 j 13:22	24°♉36'50	8°10'45	
min. Earth dist.	-8191 Jul 17 j 17:45	24°♉30'15	0.26721 AU	
morning rise	-8191 Jul 21 j 06:01	22°♉25'18		
direct	-8191 Aug 07 j 09:05	16°♉50'22		
greatest brilliancy	-8191 Aug 17 j 23:33	18°♉56'38	-4.9m	
	-8191 Sep 05 j 02:30	0°♊		
asc. node	-8191 Sep 26 j 04:19	19°♊22'13		
morning max el	-8191 Sep 27 j 01:16	20°♊15'42	46°44'21	
	-8191 Oct 06 j 07:26	0°♋		
	-8191 Nov 01 j 23:58	0°♌		
	-8191 Nov 27 j 13:29	0°♍		
	-8191 Dec 22 j 18:57	0°♎		
desc. node	-8190 Jan 16 j 18:04	29°♎50'24		
	-8190 Jan 16 j 21:16	0°♏		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8190 Feb 10 j 20:17	0°♐	
	-8190 Mar 07 j 14:39	0°♑	
morning set	-8190 Mar 29 j 13:02	26°♑47'57	
	-8190 Apr 01 j 03:36	0°♒	
	-8190 Apr 25 j 11:22	0°♓	
max. Earth dist.	-8190 Apr 29 j 12:54	5°♓02'13	1.72775 AU
superior conj	-8190 May 03 j 22:01	10°♓28'19	-0°11'10
minimum elong	-8190 May 04 j 00:13	10°♓35'08	0°11'19
behind sun begin	-8190 May 03 j 08:31	9°♓46'24	
behind sun end	-8190 May 04 j 15:54	11°♓23'52	
asc. node	-8190 May 08 j 17:17	16°♓26'20	
	-8190 May 19 j 14:46	0°♈	
evening rise	-8190 Jun 08 j 22:06	25°♈21'43	
	-8190 Jun 12 j 15:05	0°♉	
	-8190 Jul 06 j 14:05	0°♊	
	-8190 Jul 30 j 14:00	0°♋	
	-8190 Aug 23 j 17:12	0°♌	
desc. node	-8190 Aug 29 j 04:57	6°♌47'23	
	-8190 Sep 17 j 02:07	0°♍	
	-8190 Oct 11 j 20:16	0°♎	
	-8190 Nov 06 j 07:23	0°♏	
	-8190 Dec 03 j 09:14	0°♐	
evening max el	-8190 Dec 13 j 06:31	10°♐04'34	45°32'38
asc. node	-8190 Dec 19 j 09:54	15°♐58'31	
	-8189 Jan 05 j 03:05	0°♑	
greatest brilliancy	-8189 Jan 20 j 05:43	8°♑33'15	-4.7m
retrograde	-8189 Jan 31 j 03:44	10°♑43'55	
evening set	-8189 Feb 17 j 18:29	4°♑49'56	
inferior conj	-8189 Feb 21 j 15:21	2°♑25'27	7°52'52
minimum elong	-8189 Feb 21 j 19:06	2°♑19'32	7°52'06
min. Earth dist.	-8189 Feb 22 j 05:09	2°♑03'36	0.29575 AU
morning rise	-8189 Feb 25 j 19:35	29°♐49'09	
	-8189 Feb 25 j 12:24	30°℞♐	
direct	-8189 Mar 15 j 13:15	23°♐53'15	
greatest brilliancy	-8189 Mar 25 j 22:09	25°♐48'18	-4.7m
	-8189 Apr 03 j 20:16	0°♑	
desc. node	-8189 Apr 11 j 03:15	4°♑43'04	
morning max el	-8189 May 03 j 18:21	24°♑01'12	46°06'10
	-8189 May 09 j 20:15	0°♒	
	-8189 Jun 06 j 19:07	0°♓	
	-8189 Jul 02 j 13:57	0°♈	
	-8189 Jul 27 j 07:03	0°♉	
asc. node	-8189 Aug 01 j 06:48	6°♉09'27	
	-8189 Aug 20 j 10:12	0°♊	
	-8189 Sep 13 j 07:16	0°♋	
	-8189 Oct 07 j 03:59	0°♌	
	-8189 Oct 31 j 03:50	0°♍	
morning set	-8189 Nov 05 j 13:14	6°♍42'37	
desc. node	-8189 Nov 21 j 17:36	26°♍47'19	
	-8189 Nov 24 j 07:53	0°♎	
superior conj	-8189 Dec 16 j 22:12	27°♎53'27	-0°52'42
minimum elong	-8189 Dec 16 j 12:20	27°♎23'04	0°52'32
	-8189 Dec 18 j 15:18	0°♏	
max. Earth dist.	-8189 Dec 19 j 10:02	0°♏57'42	1.73092 AU
	-8188 Jan 12 j 00:41	0°♐	
evening rise	-8188 Jan 24 j 04:37	14°♐56'09	
	-8188 Feb 05 j 11:25	0°♑	
greatest brilliancy	-8188 Feb 13 j 18:02	10°♑08'13	-3.9m
	-8188 Mar 01 j 00:08	0°♒	
asc. node	-8188 Mar 12 j 17:35	14°♒17'18	
	-8188 Mar 25 j 16:12	0°♓	
	-8188 Apr 19 j 13:14	0°♈	
	-8188 May 14 j 17:31	0°♉	
	-8188 Jun 09 j 10:08	0°♊	
desc. node	-8188 Jul 03 j 08:35	26°♊53'47	
	-8188 Jul 06 j 05:12	0°♋	
evening max el	-8188 Jul 21 j 01:47	15°♋32'49	47°40'03
	-8188 Aug 05 j 08:05	0°♌	
greatest brilliancy	-8188 Aug 31 j 14:24	17°♌16'24	-4.9m
retrograde	-8188 Sep 10 j 01:27	19°♌00'09	
evening set	-8188 Sep 25 j 22:02	13°♌57'44	
inferior conj	-8188 Sep 30 j 17:28	11°♌02'17	-5°22'34
minimum elong	-8188 Oct 01 j 03:14	10°♌47'07	5°19'37
min. Earth dist.	-8188 Sep 30 j 08:22	11°♌16'26	0.26756 AU
morning rise	-8188 Oct 06 j 08:51	7°♌40'16	
direct	-8188 Oct 20 j 23:14	3°♌20'44	
asc. node	-8188 Oct 23 j 15:02	3°♌29'23	
greatest brilliancy	-8188 Oct 30 j 15:46	5°♌09'21	-4.9m
	-8188 Dec 04 j 04:18	0°♍	
morning max el	-8188 Dec 09 j 18:12	5°♍23'38	46°16'47
	-8187 Jan 02 j 08:59	0°♎	
	-8187 Jan 29 j 07:54	0°♏	
desc. node	-8187 Feb 13 j 06:39	17°♏07'21	
	-8187 Feb 24 j 08:51	0°♐	
	-8187 Mar 21 j 19:17	0°♑	
	-8187 Apr 15 j 17:47	0°♒	
	-8187 May 10 j 06:08	0°♓	
	-8187 Jun 03 j 10:15	0°♈	
morning set	-8187 Jun 04 j 13:28	1°♈24'58	
asc. node	-8187 Jun 05 j 06:44	2°♈18'52	
	-8187 Jun 27 j 08:23	0°♉	
max. Earth dist.	-8187 Jul 10 j 07:02	16°♉18'51	1.71038 AU
superior conj	-8187 Jul 12 j 05:29	18°♉45'25	1°11'51
minimum elong	-8187 Jul 11 j 20:52	18°♉18'13	1°12'01
	-8187 Jul 21 j 03:10	0°♊	
	-8187 Aug 13 j 21:29	0°♋	
evening rise	-8187 Aug 21 j 05:27	9°♋14'24	
	-8187 Sep 06 j 17:53	0°♌	
desc. node	-8187 Sep 25 j 17:17	23°♌43'27	
	-8187 Sep 30 j 18:14	0°♍	
	-8187 Oct 24 j 23:33	0°♎	
	-8187 Nov 18 j 11:10	0°♏	
	-8187 Dec 13 j 08:33	0°♐	
	-8186 Jan 07 j 23:56	0°♑	
asc. node	-8186 Jan 15 j 20:28	8°♑54'38	
	-8186 Feb 04 j 04:11	0°♒	
evening max el	-8186 Feb 22 j 10:23	18°♒20'19	44°58'45
	-8186 Mar 07 j 13:52	0°♓	
greatest brilliancy	-8186 Apr 01 j 04:35	15°♓13'18	-4.7m
retrograde	-8186 Apr 11 j 10:35	17°♓03'53	
evening set	-8186 Apr 26 j 09:07	12°♓53'31	
inferior conj	-8186 May 02 j 15:23	9°♓16'05	1°23'07
minimum elong	-8186 May 02 j 18:25	9°♓11'28	1°21'59
min. Earth dist.	-8186 May 03 j 14:24	8°♓41'09	0.28075 AU
desc. node	-8186 May 08 j 14:05	5°♓46'47	
morning rise	-8186 May 09 j 02:46	5°♓29'42	
direct	-8186 May 24 j 05:26	1°♓10'56	
greatest brilliancy	-8186 Jun 04 j 17:04	3°♓33'29	-4.8m
	-8186 Jul 10 j 04:37	0°♈	
morning max el	-8186 Jul 13 j 09:06	3°♈09'04	46°36'39
	-8186 Aug 07 j 08:40	0°♉	
asc. node	-8186 Aug 28 j 19:07	24°♉59'06	
	-8186 Sep 01 j 23:44	0°♊	
	-8186 Sep 26 j 15:32	0°♋	
	-8186 Oct 20 j 23:23	0°♌	
	-8186 Nov 14 j 07:01	0°♍	
	-8186 Dec 08 j 17:23	0°♎	
desc. node	-8186 Dec 19 j 07:04	12°♎56'12	
	-8185 Jan 02 j 06:06	0°♏	
morning set	-8185 Jan 18 j 14:00	19°♏57'18	
	-8185 Jan 26 j 19:13	0°♐	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8185 Feb 20 j 07:05	0°♌	
max. Earth dist.	-8185 Feb 22 j 13:38	2°♌47'18	1.73774 AU
superior conj	-8185 Feb 24 j 12:19	5°♌10'30	-1°17'51
minimum elong	-8185 Feb 24 j 17:00	5°♌24'52	1°18'20
	-8185 Mar 16 j 17:10	0°♒	
evening rise	-8185 Apr 01 j 01:30	18°♒53'30	
asc. node	-8185 Apr 10 j 06:17	0°♓13'40	
	-8185 Apr 10 j 01:51	0°♓	
	-8185 May 04 j 09:54	0°♈	
	-8185 May 28 j 18:11	0°♉	
	-8185 Jun 22 j 04:11	0°♊	
	-8185 Jul 16 j 18:37	0°♋	
desc. node	-8185 Jul 31 j 19:28	18°♋07'43	
	-8185 Aug 10 j 18:16	0°♌	
	-8185 Sep 05 j 12:52	0°♍	
evening max el	-8185 Oct 01 j 11:09	28°♍09'59	47°12'43
	-8185 Oct 03 j 06:28	0°♎	
greatest brilliancy	-8185 Nov 10 j 10:32	29°♎40'29	-4.9m
	-8185 Nov 11 j 06:49	0°♏	
retrograde	-8185 Nov 21 j 08:59	1°♏57'25	
asc. node	-8185 Nov 21 j 01:43	1°♏57'18	
	-8185 Dec 01 j 00:58	30°℞♎	
evening set	-8185 Dec 06 j 16:40	27°♎11'33	
min. Earth dist.	-8185 Dec 11 j 15:02	24°♎07'55	0.28467 AU
inferior conj	-8185 Dec 12 j 12:07	23°♎33'53	4°46'10
minimum elong	-8185 Dec 12 j 03:55	23°♎47'08	4°44'04
morning rise	-8185 Dec 17 j 15:57	20°♎20'37	
direct	-8184 Jan 02 j 15:02	15°♎20'26	
greatest brilliancy	-8184 Jan 11 j 09:38	16°♎45'57	-4.7m
	-8184 Feb 03 j 01:50	0°♏	
morning max el	-8184 Feb 20 j 06:53	15°♏02'37	45°54'42
	-8184 Mar 06 j 08:42	0°♐	
desc. node	-8184 Mar 12 j 18:29	6°♐41'18	
	-8184 Apr 03 j 03:11	0°♌	
	-8184 Apr 29 j 05:55	0°♒	
	-8184 May 24 j 09:36	0°♓	
	-8184 Jun 17 j 21:39	0°♈	
asc. node	-8184 Jul 02 j 19:58	18°♈34'11	
	-8184 Jul 11 j 22:58	0°♉	
greatest brilliancy	-8184 Jul 22 j 02:06	12°♉44'57	-3.9m
	-8184 Aug 04 j 17:55	0°♊	
morning set	-8184 Aug 16 j 09:17	14°♊43'53	
	-8184 Aug 28 j 10:47	0°♋	
	-8184 Sep 21 j 05:10	0°♌	
superior conj	-8184 Sep 26 j 21:28	7°♌08'33	0°55'21
minimum elong	-8184 Sep 27 j 09:16	7°♌45'38	0°55'23
max. Earth dist.	-8184 Oct 03 j 08:37	15°♌15'22	1.71232 AU
	-8184 Oct 15 j 03:18	0°♍	
desc. node	-8184 Oct 23 j 06:23	10°♍08'33	
	-8184 Nov 08 j 05:47	0°♎	
evening rise	-8184 Nov 08 j 22:52	0°♎52'57	
	-8184 Dec 02 j 12:14	0°♏	
	-8184 Dec 26 j 22:44	0°♐	
	-8183 Jan 20 j 14:58	0°♌	
asc. node	-8183 Feb 12 j 07:46	27°♌11'32	
	-8183 Feb 14 j 16:35	0°♒	
	-8183 Mar 12 j 09:19	0°♓	
	-8183 Apr 08 j 03:34	0°♈	
evening max el	-8183 May 05 j 20:47	28°♈40'25	46°06'37
	-8183 May 07 j 05:58	0°♉	
desc. node	-8183 Jun 05 j 00:29	23°♉10'16	
greatest brilliancy	-8183 Jun 15 j 01:46	27°♉54'27	-4.8m
retrograde	-8183 Jun 24 j 13:37	29°♉33'42	
evening set	-8183 Jul 11 j 04:03	24°♉24'30	
inferior conj	-8183 Jul 15 j 09:09	21°♉56'34	-8°01'44
minimum elong	-8183 Jul 15 j 00:39	22°♉09'16	8°00'12
min. Earth dist.	-8183 Jul 15 j 06:12	22°♉00'59	0.26742 AU
morning rise	-8183 Jul 18 j 21:05	19°♉52'34	
direct	-8183 Aug 04 j 21:25	14°♉21'06	
greatest brilliancy	-8183 Aug 15 j 13:30	16°♉29'02	-4.9m
	-8183 Sep 05 j 16:39	0°♊	
morning max el	-8183 Sep 24 j 14:29	17°♊47'26	46°45'05
asc. node	-8183 Sep 25 j 06:32	18°♊28'37	
	-8183 Oct 06 j 03:18	0°♋	
	-8183 Nov 01 j 15:33	0°♌	
	-8183 Nov 27 j 03:12	0°♍	
	-8183 Dec 22 j 07:35	0°♎	
desc. node	-8182 Jan 15 j 20:07	29°♎20'42	
	-8182 Jan 16 j 09:14	0°♏	
	-8182 Feb 10 j 07:48	0°♐	
	-8182 Mar 07 j 01:54	0°♌	
morning set	-8182 Mar 27 j 08:16	24°♌45'36	
	-8182 Mar 31 j 14:42	0°♒	
	-8182 Apr 24 j 22:25	0°♓	
max. Earth dist.	-8182 Apr 27 j 10:21	3°♓05'37	1.72831 AU
superior conj	-8182 May 01 j 16:42	8°♓23'00	-0°14'11
minimum elong	-8182 May 01 j 19:27	8°♓31'32	0°14'18
behind sun begin	-8182 May 01 j 09:48	8°♓01'33	
behind sun end	-8182 May 02 j 05:07	9°♓01'31	
asc. node	-8182 May 07 j 19:30	15°♓58'47	
	-8182 May 19 j 01:53	0°♈	
evening rise	-8182 Jun 06 j 15:17	23°♈10'12	
	-8182 Jun 12 j 02:22	0°♉	
	-8182 Jul 06 j 01:38	0°♊	
	-8182 Jul 30 j 01:51	0°♋	
	-8182 Aug 23 j 05:23	0°♌	
desc. node	-8182 Aug 28 j 07:06	6°♌16'08	
	-8182 Sep 16 j 14:44	0°♍	
	-8182 Oct 11 j 09:37	0°♎	
	-8182 Nov 05 j 22:16	0°♏	
	-8182 Dec 03 j 04:10	0°♐	
evening max el	-8182 Dec 10 j 22:50	7°♐53'17	45°35'29
asc. node	-8182 Dec 18 j 12:02	15°♐06'15	
	-8181 Jan 05 j 21:26	0°♌	
greatest brilliancy	-8181 Jan 17 j 21:39	6°♌25'32	-4.7m
retrograde	-8181 Jan 28 j 21:36	8°♌37'51	
evening set	-8181 Feb 15 j 12:31	2°♌41'59	
inferior conj	-8181 Feb 19 j 08:39	0°♌18'20	7°56'35
minimum elong	-8181 Feb 19 j 11:48	0°♌13'21	7°55'53
	-8181 Feb 19 j 20:13	30°℞♐	
min. Earth dist.	-8181 Feb 19 j 20:46	29°♐59'08	0.29592 AU
morning rise	-8181 Feb 23 j 11:01	27°♐44'51	
direct	-8181 Mar 13 j 06:46	21°♐45'57	
greatest brilliancy	-8181 Mar 23 j 13:05	23°♐39'12	-4.7m
	-8181 Apr 05 j 00:39	0°♌	
desc. node	-8181 Apr 10 j 05:35	3°♌35'34	
morning max el	-8181 May 01 j 11:55	21°♌54'00	46°05'13
	-8181 May 09 j 16:22	0°♒	
	-8181 Jun 06 j 10:26	0°♓	
	-8181 Jul 02 j 03:25	0°♈	
	-8181 Jul 26 j 19:37	0°♉	
asc. node	-8181 Jul 31 j 08:57	5°♉37'34	
	-8181 Aug 19 j 22:19	0°♊	
	-8181 Sep 12 j 19:07	0°♋	
	-8181 Oct 06 j 15:38	0°♌	
	-8181 Oct 30 j 15:19	0°♍	
morning set	-8181 Nov 02 j 23:38	4°♍10'02	
desc. node	-8181 Nov 20 j 19:40	26°♍18'35	
	-8181 Nov 23 j 19:13	0°♎	
superior conj	-8181 Dec 14 j 11:34	25°♎32'11	-0°50'00

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-8181 Dec 14 j 01:49	25°♎02'08	0°49'49
max. Earth dist.	-8181 Dec 17 j 04:49	28°♎53'11	1.73041 AU
	-8181 Dec 18 j 02:30	0°♏	
	-8180 Jan 11 j 11:49	0°♐	
evening rise	-8180 Jan 21 j 21:56	12°♐47'53	
	-8180 Feb 04 j 22:37	0°♑	
greatest brilliancy	-8180 Feb 13 j 11:45	10°♑28'02	-3.9m
	-8180 Feb 29 j 11:32	0°♒	
asc. node	-8180 Mar 11 j 19:49	13°♒48'53	
	-8180 Mar 25 j 04:02	0°♓	
	-8180 Apr 19 j 01:48	0°♈	
	-8180 May 14 j 07:14	0°♉	
	-8180 Jun 09 j 01:46	0°♊	
desc. node	-8180 Jul 02 j 10:44	26°♊08'05	
	-8180 Jul 06 j 00:51	0°♋	
evening max el	-8180 Jul 18 j 17:00	13°♋10'51	47°38'30
	-8180 Aug 05 j 18:19	0°♌	
greatest brilliancy	-8180 Aug 29 j 04:07	14°♌47'34	-4.9m
retrograde	-8180 Sep 07 j 15:09	16°♌30'40	
evening set	-8180 Sep 23 j 14:13	11°♌24'36	
inferior conj	-8180 Sep 28 j 06:29	8°♌33'42	-5°41'24
minimum elong	-8180 Sep 28 j 16:31	8°♌18'06	5°38'27
min. Earth dist.	-8180 Sep 27 j 21:37	8°♌47'29	0.26726 AU
morning rise	-8180 Oct 03 j 19:17	5°♌15'36	
direct	-8180 Oct 18 j 12:33	0°♌53'16	
asc. node	-8180 Oct 22 j 17:25	1°♌14'39	
greatest brilliancy	-8180 Oct 28 j 04:46	2°♌41'48	-4.9m
	-8180 Dec 04 j 05:44	0°♍	
morning max el	-8180 Dec 07 j 08:42	3°♍03'15	46°17'53
	-8179 Jan 02 j 02:08	0°♎	
	-8179 Jan 28 j 22:08	0°♏	
desc. node	-8179 Feb 12 j 08:48	16°♏35'10	
	-8179 Feb 23 j 21:38	0°♐	
	-8179 Mar 21 j 07:16	0°♑	
	-8179 Apr 15 j 05:19	0°♒	
	-8179 May 09 j 17:27	0°♓	
morning set	-8179 Jun 02 j 06:27	29°♓13'00	
	-8179 Jun 02 j 21:31	0°♈	
asc. node	-8179 Jun 04 j 08:47	1°♈50'07	
	-8179 Jun 26 j 19:41	0°♉	
max. Earth dist.	-8179 Jul 07 j 11:15	13°♉25'07	1.71083 AU
superior conj	-8179 Jul 09 j 19:33	16°♉22'41	1°10'01
minimum elong	-8179 Jul 09 j 10:38	15°♉54'34	1°10'07
	-8179 Jul 20 j 14:32	0°♊	
	-8179 Aug 13 j 08:55	0°♋	
evening rise	-8179 Aug 18 j 14:41	6°♋36'12	
	-8179 Sep 06 j 05:27	0°♌	
desc. node	-8179 Sep 24 j 19:31	23°♌14'02	
	-8179 Sep 30 j 05:56	0°♍	
	-8179 Oct 24 j 11:28	0°♎	
	-8179 Nov 17 j 23:24	0°♏	
	-8179 Dec 12 j 21:25	0°♐	
	-8178 Jan 07 j 14:12	0°♑	
asc. node	-8178 Jan 14 j 22:43	8°♑18'53	
	-8178 Feb 03 j 22:02	0°♒	
evening max el	-8178 Feb 20 j 01:00	16°♒06'39	44°58'05
	-8178 Mar 07 j 22:46	0°♓	
greatest brilliancy	-8178 Mar 29 j 19:20	13°♓00'33	-4.7m
retrograde	-8178 Apr 09 j 00:21	14°♓50'46	
evening set	-8178 Apr 24 j 01:22	10°♓37'55	
inferior conj	-8178 Apr 30 j 06:17	7°♓02'10	1°43'13
minimum elong	-8178 Apr 30 j 10:01	6°♓56'29	1°41'52
min. Earth dist.	-8178 May 01 j 06:24	6°♓25'29	0.28144 AU
morning rise	-8178 May 06 j 17:35	3°♓15'08	
desc. node	-8178 May 07 j 16:13	2°♓45'30	
	-8178 May 14 j 10:40	30°♑♒	
direct	-8178 May 21 j 20:35	28°♒55'32	
	-8178 May 29 j 11:50	0°♓	
greatest brilliancy	-8178 Jun 02 j 09:07	1°♓18'12	-4.8m
	-8178 Jul 10 j 04:13	0°♈	
morning max el	-8178 Jul 10 j 22:53	0°♈46'31	46°35'40
	-8178 Aug 07 j 01:24	0°♉	
asc. node	-8178 Aug 27 j 21:22	24°♉22'13	
	-8178 Sep 01 j 14:03	0°♊	
	-8178 Sep 26 j 04:41	0°♋	
	-8178 Oct 20 j 11:50	0°♌	
	-8178 Nov 13 j 19:00	0°♍	
	-8178 Dec 08 j 05:01	0°♎	
desc. node	-8178 Dec 18 j 09:03	12°♎27'08	
	-8177 Jan 01 j 17:27	0°♏	
morning set	-8177 Jan 16 j 05:49	17°♏44'42	
	-8177 Jan 26 j 06:21	0°♐	
	-8177 Feb 19 j 18:05	0°♑	
max. Earth dist.	-8177 Feb 20 j 09:36	0°♑47'35	1.73776 AU
superior conj	-8177 Feb 22 j 07:18	3°♑07'44	-1°18'41
minimum elong	-8177 Feb 22 j 11:29	3°♑20'36	1°19'11
	-8177 Mar 16 j 04:09	0°♒	
evening rise	-8177 Mar 29 j 21:20	16°♒52'45	
asc. node	-8177 Apr 09 j 08:32	29°♒46'20	
	-8177 Apr 09 j 12:58	0°♓	
	-8177 May 03 j 21:17	0°♈	
	-8177 May 28 j 06:00	0°♉	
	-8177 Jun 21 j 16:34	0°♊	
	-8177 Jul 16 j 07:47	0°♋	
desc. node	-8177 Jul 30 j 21:39	17°♋32'49	
	-8177 Aug 10 j 08:40	0°♌	
	-8177 Sep 05 j 05:34	0°♍	
evening max el	-8177 Sep 29 j 01:48	25°♍48'41	47°15'43
	-8177 Oct 03 j 05:31	0°♎	
greatest brilliancy	-8177 Nov 08 j 04:42	27°♎26'55	-4.9m
retrograde	-8177 Nov 19 j 01:23	29°♎42'45	
asc. node	-8177 Nov 20 j 03:48	29°♎41'14	
evening set	-8177 Dec 04 j 07:28	24°♎59'28	
min. Earth dist.	-8177 Dec 09 j 07:30	21°♎53'50	0.28394 AU
inferior conj	-8177 Dec 10 j 04:32	21°♎19'53	4°30'12
minimum elong	-8177 Dec 09 j 20:35	21°♎32'44	4°28'06
morning rise	-8177 Dec 15 j 10:26	18°♎03'36	
direct	-8177 Dec 31 j 05:51	13°♎07'26	
greatest brilliancy	-8176 Jan 09 j 01:45	14°♎33'47	-4.8m
	-8176 Feb 03 j 11:05	0°♏	
morning max el	-8176 Feb 17 j 22:06	12°♏50'38	45°55'03
	-8176 Mar 06 j 02:49	0°♐	
desc. node	-8176 Mar 11 j 20:43	6°♐02'15	
	-8176 Apr 02 j 17:33	0°♑	
	-8176 Apr 28 j 18:42	0°♒	
	-8176 May 23 j 21:35	0°♓	
	-8176 Jun 17 j 09:14	0°♈	
asc. node	-8176 Jul 01 j 22:08	18°♈05'15	
	-8176 Jul 11 j 10:22	0°♉	
greatest brilliancy	-8176 Jul 22 j 00:15	13°♉18'56	-3.9m
	-8176 Aug 04 j 05:16	0°♊	
morning set	-8176 Aug 13 j 20:20	12°♊11'00	
	-8176 Aug 27 j 22:07	0°♋	
	-8176 Sep 20 j 16:31	0°♌	
superior conj	-8176 Sep 24 j 05:47	4°♌28'12	0°58'17
minimum elong	-8176 Sep 24 j 17:41	5°♌05'35	0°58'21
max. Earth dist.	-8176 Sep 30 j 09:53	12°♌13'16	1.71178 AU
	-8176 Oct 14 j 14:39	0°♍	
desc. node	-8176 Oct 22 j 08:27	9°♍39'43	
evening rise	-8176 Nov 06 j 08:33	28°♍19'06	
	-8176 Nov 07 j 17:06	0°♎	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8176 Dec 01 j 23:33	0°♏		
	-8176 Dec 26 j 10:11	0°♐		
	-8175 Jan 20 j 02:47	0°♑		
asc. node	-8175 Feb 11 j 10:03	26°♑41'26		
	-8175 Feb 14 j 05:07	0°♒		
	-8175 Mar 11 j 23:14	0°♓		
	-8175 Apr 07 j 20:26	0°♈		
evening max el	-8175 May 03 j 10:11	26°♈19'26	46°03'15	
	-8175 May 07 j 07:12	0°♉		
desc. node	-8175 Jun 04 j 02:35	21°♉38'36		
greatest brilliancy	-8175 Jun 12 j 12:04	25°♉26'00	-4.8m	
retrograde	-8175 Jun 22 j 02:00	27°♉06'51		
evening set	-8175 Jul 08 j 11:48	22°♉03'24		
inferior conj	-8175 Jul 12 j 21:18	19°♉29'35	-7°50'24	
minimum elong	-8175 Jul 12 j 12:15	19°♉43'04	7°48'43	
min. Earth dist.	-8175 Jul 12 j 18:28	19°♉33'48	0.26768 AU	
morning rise	-8175 Jul 16 j 12:32	17°♉21'11		
direct	-8175 Aug 02 j 10:40	11°♉53'32		
greatest brilliancy	-8175 Aug 13 j 03:10	14°♉02'19	-4.9m	
	-8175 Sep 06 j 02:57	0°♊		
morning max el	-8175 Sep 22 j 04:36	15°♊21'56	46°45'25	
asc. node	-8175 Sep 24 j 08:52	17°♊36'39		
	-8175 Oct 05 j 22:33	0°♋		
	-8175 Nov 01 j 06:56	0°♌		
	-8175 Nov 26 j 16:48	0°♍		
	-8175 Dec 21 j 20:07	0°♎		
desc. node	-8174 Jan 14 j 22:20	28°♎51'48		
	-8174 Jan 15 j 21:04	0°♏		
	-8174 Feb 09 j 19:10	0°♐		
	-8174 Mar 06 j 12:57	0°♑		
morning set	-8174 Mar 25 j 03:39	22°♑44'24		
	-8174 Mar 31 j 01:37	0°♒		
	-8174 Apr 24 j 09:18	0°♓		
max. Earth dist.	-8174 Apr 25 j 07:03	1°♓07'22	1.72882 AU	
superior conj	-8174 Apr 29 j 11:46	6°♓19'28	-0°17'09	
minimum elong	-8174 Apr 29 j 15:03	6°♓29'40	0°17'15	
asc. node	-8174 May 06 j 21:34	15°♓31'22		
	-8174 May 18 j 12:49	0°♈		
evening rise	-8174 Jun 04 j 09:00	21°♈01'00		
	-8174 Jun 11 j 13:27	0°♉		
	-8174 Jul 05 j 12:56	0°♊		
	-8174 Jul 29 j 13:27	0°♋		
	-8174 Aug 22 j 17:20	0°♌		
desc. node	-8174 Aug 27 j 09:21	5°♌45'51		
	-8174 Sep 16 j 03:12	0°♍		
	-8174 Oct 10 j 22:55	0°♎		
	-8174 Nov 05 j 13:14	0°♏		
	-8174 Dec 02 j 23:32	0°♐		
evening max el	-8174 Dec 08 j 15:44	5°♐43'30	45°38'26	
asc. node	-8174 Dec 17 j 14:19	14°♐13'36		
	-8173 Jan 06 j 22:20	0°♑		
greatest brilliancy	-8173 Jan 15 j 14:13	4°♑18'52	-4.7m	
retrograde	-8173 Jan 26 j 15:20	6°♑32'04		
evening set	-8173 Feb 13 j 06:25	0°♑34'59		
	-8173 Feb 14 j 05:16	30°℞♐		
inferior conj	-8173 Feb 17 j 02:00	28°♐11'48	7°59'39	
minimum elong	-8173 Feb 17 j 04:31	28°♐07'47	7°59'01	
min. Earth dist.	-8173 Feb 17 j 12:22	27°♐55'18	0.29599 AU	
morning rise	-8173 Feb 21 j 02:37	25°♐40'45		
direct	-8173 Mar 11 j 00:26	19°♐39'31		
greatest brilliancy	-8173 Mar 21 j 03:37	21°♐30'24	-4.7m	
	-8173 Apr 05 j 20:57	0°♑		
desc. node	-8173 Apr 09 j 07:44	2°♑30'19		
morning max el	-8173 Apr 29 j 04:53	19°♑46'24	46°04'16	
	-8173 May 09 j 11:34	0°♒		
	-8173 Jun 06 j 01:14	0°♓		
	-8173 Jul 01 j 16:29	0°♈		
	-8173 Jul 26 j 07:50	0°♉		
asc. node	-8173 Jul 30 j 11:12	5°♉07'05		
	-8173 Aug 19 j 10:04	0°♊		
	-8173 Sep 12 j 06:36	0°♋		
	-8173 Oct 06 j 02:57	0°♌		
	-8173 Oct 30 j 02:30	0°♍		
morning set	-8173 Oct 31 j 10:05	1°♍38'22		
desc. node	-8173 Nov 19 j 21:42	25°♍50'32		
	-8173 Nov 23 j 06:17	0°♎		
superior conj	-8173 Dec 12 j 00:30	23°♎10'10	-0°47'11	
minimum elong	-8173 Dec 11 j 14:57	22°♎40'43	0°46'57	
max. Earth dist.	-8173 Dec 15 j 00:05	26°♎50'48	1.72992 AU	
	-8173 Dec 17 j 13:29	0°♏		
	-8172 Jan 10 j 22:45	0°♐		
evening rise	-8172 Jan 19 j 14:46	10°♐38'45		
	-8172 Feb 04 j 09:35	0°♑		
greatest brilliancy	-8172 Feb 13 j 12:37	11°♑10'22	-3.9m	
	-8172 Feb 28 j 22:41	0°♒		
asc. node	-8172 Mar 10 j 22:03	13°♒21'12		
	-8172 Mar 24 j 15:37	0°♓		
	-8172 Apr 18 j 14:07	0°♈		
	-8172 May 13 j 20:43	0°♉		
	-8172 Jun 08 j 17:16	0°♊		
desc. node	-8172 Jul 01 j 13:02	25°♊23'17		
	-8172 Jul 05 j 20:38	0°♋		
evening max el	-8172 Jul 16 j 07:55	10°♋49'13	47°36'45	
	-8172 Aug 06 j 07:13	0°♌		
greatest brilliancy	-8172 Aug 26 j 18:22	12°♌20'46	-4.9m	
retrograde	-8172 Sep 05 j 04:28	14°♌02'29		
evening set	-8172 Sep 21 j 06:33	8°♌52'58		
inferior conj	-8172 Sep 25 j 19:36	6°♌06'43	-5°59'26	
minimum elong	-8172 Sep 26 j 05:49	5°♌50'50	5°56'32	
min. Earth dist.	-8172 Sep 25 j 11:12	6°♌19'47	0.26698 AU	
morning rise	-8172 Oct 01 j 05:31	2°♌52'35		
	-8172 Oct 07 j 10:58	30°℞♋		
direct	-8172 Oct 16 j 01:37	28°♋27'21		
asc. node	-8172 Oct 21 j 19:29	29°♋06'45		
	-8172 Oct 24 j 23:40	0°♌		
greatest brilliancy	-8172 Oct 25 j 18:15	0°♌16'05	-4.9m	
	-8172 Dec 04 j 05:30	0°♍		
morning max el	-8172 Dec 04 j 22:15	0°♍41'22	46°18'50	
	-8171 Jan 01 j 18:36	0°♎		
	-8171 Jan 28 j 11:57	0°♏		
desc. node	-8171 Feb 11 j 10:59	16°♏04'01		
	-8171 Feb 23 j 10:05	0°♐		
	-8171 Mar 20 j 18:56	0°♑		
	-8171 Apr 14 j 16:31	0°♒		
	-8171 May 09 j 04:25	0°♓		
morning set	-8171 May 30 j 23:29	27°♓02'24		
	-8171 Jun 02 j 08:24	0°♈		
asc. node	-8171 Jun 03 j 10:55	1°♈22'47		
	-8171 Jun 26 j 06:37	0°♉		
max. Earth dist.	-8171 Jul 04 j 18:09	10°♉41'03	1.71134 AU	
superior conj	-8171 Jul 07 j 09:51	14°♉01'51	1°08'02	
minimum elong	-8171 Jul 07 j 00:43	13°♉33'02	1°08'07	
	-8171 Jul 20 j 01:34	0°♊		
	-8171 Aug 12 j 20:04	0°♋		
evening rise	-8171 Aug 16 j 00:22	4°♋00'20		
	-8171 Sep 05 j 16:42	0°♌		
desc. node	-8171 Sep 23 j 21:37	22°♌45'10		
	-8171 Sep 29 j 17:19	0°♍		
	-8171 Oct 23 j 23:01	0°♎		
	-8171 Nov 17 j 11:17	0°♏		
	-8171 Dec 12 j 10:00	0°♐		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8170 Jan 07 j 04:18	0°♉	
asc. node	-8170 Jan 14 j 00:58	7°♉43'49	
	-8170 Feb 03 j 16:01	0°♒	
evening max el	-8170 Feb 17 j 15:04	13°♒52'20	44°57'32
	-8170 Mar 08 j 10:25	0°♓	
greatest brilliancy	-8170 Mar 27 j 09:51	10°♓48'20	-4.7m
retrograde	-8170 Apr 06 j 14:31	12°♓38'50	
evening set	-8170 Apr 21 j 17:46	8°♓23'01	
inferior conj	-8170 Apr 27 j 21:14	4°♓49'16	2°02'57
minimum elong	-8170 Apr 28 j 01:38	4°♓42'34	2°01'26
min. Earth dist.	-8170 Apr 28 j 22:26	4°♓10'57	0.28212 AU
morning rise	-8170 May 04 j 08:21	1°♓02'05	
	-8170 May 06 j 08:50	30°℞♒	
desc. node	-8170 May 06 j 18:20	29°♒48'37	
direct	-8170 May 19 j 11:39	26°♒41'05	
greatest brilliancy	-8170 May 31 j 01:35	29°♒04'40	-4.8m
	-8170 Jun 02 j 05:41	0°♓	
morning max el	-8170 Jul 08 j 13:03	28°♓26'14	46°34'44
	-8170 Jul 10 j 02:26	0°♈	
	-8170 Aug 06 j 17:27	0°♉	
asc. node	-8170 Aug 26 j 23:33	23°♉46'32	
	-8170 Sep 01 j 03:52	0°♊	
	-8170 Sep 25 j 17:24	0°♋	
	-8170 Oct 19 j 23:55	0°♌	
	-8170 Nov 13 j 06:39	0°♍	
	-8170 Dec 07 j 16:19	0°♎	
desc. node	-8170 Dec 17 j 11:18	11°♎59'52	
	-8169 Jan 01 j 04:28	0°♏	
morning set	-8169 Jan 13 j 21:31	15°♏32'40	
	-8169 Jan 25 j 17:10	0°♐	
max. Earth dist.	-8169 Feb 18 j 05:35	28°♐48'44	1.73782 AU
	-8169 Feb 19 j 04:49	0°♑	
superior conj	-8169 Feb 20 j 02:09	1°♑05'27	-1°19'26
minimum elong	-8169 Feb 20 j 05:50	1°♑16'44	1°19'56
	-8169 Mar 15 j 14:55	0°♒	
evening rise	-8169 Mar 27 j 17:01	14°♒52'17	
asc. node	-8169 Apr 08 j 10:34	29°♒18'58	
	-8169 Apr 08 j 23:53	0°♓	
	-8169 May 03 j 08:29	0°♈	
	-8169 May 27 j 17:35	0°♉	
	-8169 Jun 21 j 04:43	0°♊	
	-8169 Jul 15 j 20:46	0°♋	
desc. node	-8169 Jul 29 j 23:52	16°♋58'40	
	-8169 Aug 09 j 22:56	0°♌	
	-8169 Sep 04 j 22:20	0°♍	
evening max el	-8169 Sep 26 j 16:46	23°♍28'45	47°18'36
	-8169 Oct 03 j 05:19	0°♎	
greatest brilliancy	-8169 Nov 05 j 22:14	25°♎12'44	-4.9m
retrograde	-8169 Nov 16 j 17:57	27°♎28'14	
asc. node	-8169 Nov 19 j 06:07	27°♎20'20	
evening set	-8169 Dec 01 j 22:13	22°♎47'07	
min. Earth dist.	-8169 Dec 06 j 23:38	19°♎39'56	0.28321 AU
inferior conj	-8169 Dec 07 j 20:47	19°♎05'53	4°13'38
minimum elong	-8169 Dec 07 j 13:07	19°♎18'14	4°11'34
morning rise	-8169 Dec 13 j 04:46	15°♎46'51	
direct	-8169 Dec 28 j 20:42	10°♎54'21	
greatest brilliancy	-8168 Jan 06 j 17:30	12°♎21'37	-4.8m
	-8168 Feb 03 j 17:31	0°♏	
morning max el	-8168 Feb 15 j 13:58	10°♏40'50	45°55'26
	-8168 Mar 05 j 20:16	0°♐	
desc. node	-8168 Mar 10 j 22:51	5°♐23'59	
	-8168 Apr 02 j 07:35	0°♑	
	-8168 Apr 28 j 07:16	0°♒	
	-8168 May 23 j 09:26	0°♓	
	-8168 Jun 16 j 20:42	0°♈	
asc. node	-8168 Jul 01 j 00:24	17°♈36'58	
	-8168 Jul 10 j 21:37	0°♉	
greatest brilliancy	-8168 Jul 21 j 18:31	13°♉41'11	-3.9m
	-8168 Aug 03 j 16:26	0°♊	
morning set	-8168 Aug 11 j 07:30	9°♊39'07	
	-8168 Aug 27 j 09:17	0°♋	
	-8168 Sep 20 j 03:42	0°♌	
superior conj	-8168 Sep 21 j 14:07	1°♌48'17	1°01'05
minimum elong	-8168 Sep 22 j 02:00	2°♌25'38	1°01'12
max. Earth dist.	-8168 Sep 27 j 13:50	9°♌19'57	1.71131 AU
	-8168 Oct 14 j 01:51	0°♍	
desc. node	-8168 Oct 21 j 10:29	9°♍11'08	
evening rise	-8168 Nov 03 j 18:09	25°♍45'14	
	-8168 Nov 07 j 04:17	0°♎	
	-8168 Dec 01 j 10:47	0°♏	
	-8168 Dec 25 j 21:33	0°♐	
	-8167 Jan 19 j 14:30	0°♑	
asc. node	-8167 Feb 10 j 12:17	26°♑11'31	
	-8167 Feb 13 j 17:34	0°♒	
	-8167 Mar 11 j 13:11	0°♓	
	-8167 Apr 07 j 13:34	0°♈	
evening max el	-8167 May 01 j 00:16	24°♈00'14	45°59'44
	-8167 May 07 j 09:51	0°♉	
desc. node	-8167 Jun 03 j 04:55	20°♉03'33	
greatest brilliancy	-8167 Jun 09 j 22:04	22°♉57'04	-4.8m
retrograde	-8167 Jun 19 j 14:23	24°♉39'21	
evening set	-8167 Jul 05 j 19:28	19°♉41'56	
inferior conj	-8167 Jul 10 j 09:15	17°♉02'05	-7°38'11
minimum elong	-8167 Jul 09 j 23:45	17°♉16'15	7°36'19
min. Earth dist.	-8167 Jul 10 j 06:26	17°♉06'18	0.26791 AU
morning rise	-8167 Jul 14 j 03:54	14°♉49'03	
direct	-8167 Jul 31 j 00:01	9°♉25'43	
greatest brilliancy	-8167 Aug 10 j 16:09	11°♉34'30	-4.9m
	-8167 Sep 06 j 10:34	0°♊	
morning max el	-8167 Sep 19 j 18:22	12°♊55'39	46°45'44
asc. node	-8167 Sep 23 j 11:00	16°♊45'13	
	-8167 Oct 05 j 17:16	0°♋	
	-8167 Oct 31 j 22:04	0°♌	
	-8167 Nov 26 j 06:14	0°♍	
	-8167 Dec 21 j 08:35	0°♎	
desc. node	-8166 Jan 14 j 00:26	28°♎22'36	
	-8166 Jan 15 j 08:52	0°♏	
	-8166 Feb 09 j 06:31	0°♐	
	-8166 Mar 06 j 00:01	0°♑	
morning set	-8166 Mar 22 j 23:07	20°♑43'31	
	-8166 Mar 30 j 12:31	0°♒	
max. Earth dist.	-8166 Apr 23 j 02:57	29°♒06'42	1.72935 AU
	-8166 Apr 23 j 20:10	0°♓	
superior conj	-8166 Apr 27 j 06:54	4°♓16'12	-0°20'04
minimum elong	-8166 Apr 27 j 10:42	4°♓27'59	0°20'11
asc. node	-8166 May 05 j 23:47	15°♓04'16	
	-8166 May 17 j 23:48	0°♈	
evening rise	-8166 Jun 02 j 02:41	18°♈51'35	
	-8166 Jun 11 j 00:38	0°♉	
	-8166 Jul 05 j 00:24	0°♊	
	-8166 Jul 29 j 01:12	0°♋	
	-8166 Aug 22 j 05:27	0°♌	
desc. node	-8166 Aug 26 j 11:25	5°♌14'36	
	-8166 Sep 15 j 15:49	0°♍	
	-8166 Oct 10 j 12:23	0°♎	
	-8166 Nov 05 j 04:29	0°♏	
	-8166 Dec 02 j 19:38	0°♐	
evening max el	-8166 Dec 06 j 08:12	3°♐32'05	45°41'21
asc. node	-8166 Dec 16 j 16:38	13°♐19'38	
	-8165 Jan 08 j 10:11	0°♑	
greatest brilliancy	-8165 Jan 13 j 07:27	2°♑12'25	-4.7m

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

retrograde	-8165 Jan 24 j 08:38	4°♑25'41	
	-8165 Feb 08 j 09:01	30°℞♐	
evening set	-8165 Feb 11 j 00:06	28°♐27'58	
inferior conj	-8165 Feb 14 j 19:20	26°♐04'52	8°02'09
minimum elong	-8165 Feb 14 j 21:12	26°♐01'52	8°01'35
min. Earth dist.	-8165 Feb 15 j 04:10	25°♐50'46	0.29600 AU
morning rise	-8165 Feb 18 j 18:20	23°♐35'55	
direct	-8165 Mar 08 j 17:51	17°♐32'48	
greatest brilliancy	-8165 Mar 18 j 18:15	19°♐21'15	-4.7m
	-8165 Apr 06 j 12:16	0°♑	
desc. node	-8165 Apr 08 j 09:50	1°♑26'20	
morning max el	-8165 Apr 26 j 20:51	17°♑36'08	46°03'23
	-8165 May 09 j 06:22	0°♒	
	-8165 Jun 05 j 15:58	0°♓	
	-8165 Jul 01 j 05:36	0°♈	
	-8165 Jul 25 j 20:12	0°♉	
asc. node	-8165 Jul 29 j 13:19	4°♉35'37	
	-8165 Aug 18 j 22:02	0°♊	
	-8165 Sep 11 j 18:20	0°♋	
	-8165 Oct 05 j 14:29	0°♌	
morning set	-8165 Oct 28 j 20:08	29°♌04'41	
	-8165 Oct 29 j 13:53	0°♍	
desc. node	-8165 Nov 18 j 23:55	25°♍22'27	
	-8165 Nov 22 j 17:33	0°♎	
superior conj	-8165 Dec 09 j 13:02	20°♎46'18	-0°44'14
minimum elong	-8165 Dec 09 j 03:45	20°♎17'40	0°44'00
max. Earth dist.	-8165 Dec 12 j 19:59	24°♎49'45	1.72938 AU
	-8165 Dec 17 j 00:40	0°♏	
	-8164 Jan 10 j 09:54	0°♐	
evening rise	-8164 Jan 17 j 07:23	8°♐28'12	
	-8164 Feb 03 j 20:46	0°♑	
	-8164 Feb 28 j 10:06	0°♒	
asc. node	-8164 Mar 10 j 00:09	12°♒52'24	
	-8164 Mar 24 j 03:27	0°♓	
	-8164 Apr 18 j 02:42	0°♈	
	-8164 May 13 j 10:31	0°♉	
	-8164 Jun 08 j 09:12	0°♊	
desc. node	-8164 Jun 30 j 15:12	24°♊36'46	
	-8164 Jul 05 j 17:19	0°♋	
evening max el	-8164 Jul 13 j 21:33	8°♋23'25	47°34'37
	-8164 Aug 07 j 01:01	0°♌	
greatest brilliancy	-8164 Aug 24 j 08:44	9°♌52'21	-4.9m
retrograde	-8164 Sep 02 j 16:49	11°♌32'11	
evening set	-8164 Sep 18 j 22:37	6°♌19'04	
inferior conj	-8164 Sep 23 j 08:25	3°♌37'44	-6°17'02
minimum elong	-8164 Sep 23 j 18:45	3°♌21'40	6°14'11
min. Earth dist.	-8164 Sep 23 j 00:49	3°♌49'33	0.26675 AU
morning rise	-8164 Sep 28 j 15:13	0°♌27'50	
	-8164 Sep 29 j 11:35	30°℞♋	
direct	-8164 Oct 13 j 13:59	25°♋59'08	
asc. node	-8164 Oct 20 j 21:47	27°♋02'11	
greatest brilliancy	-8164 Oct 23 j 08:05	27°♋48'48	-4.9m
	-8164 Oct 28 j 08:41	0°♌	
morning max el	-8164 Dec 02 j 10:53	28°♌15'34	46°19'58
	-8164 Dec 04 j 04:47	0°♍	
	-8163 Jan 01 j 11:11	0°♎	
	-8163 Jan 28 j 01:57	0°♏	
desc. node	-8163 Feb 10 j 13:04	15°♏31'47	
	-8163 Feb 22 j 22:46	0°♐	
	-8163 Mar 20 j 06:52	0°♑	
	-8163 Apr 14 j 04:01	0°♒	
	-8163 May 08 j 15:41	0°♓	
morning set	-8163 May 28 j 16:54	24°♓52'09	
	-8163 Jun 01 j 19:36	0°♈	
asc. node	-8163 Jun 02 j 13:11	0°♈54'56	
	-8163 Jun 25 j 17:49	0°♉	
max. Earth dist.	-8163 Jul 02 j 05:05	8°♉08'54	1.71185 AU
superior conj	-8163 Jul 05 j 00:35	11°♉41'36	1°05'59
minimum elong	-8163 Jul 04 j 15:18	11°♉12'19	1°06'01
	-8163 Jul 19 j 12:51	0°♊	
	-8163 Aug 12 j 07:29	0°♋	
evening rise	-8163 Aug 13 j 10:31	1°♋25'10	
	-8163 Sep 05 j 04:16	0°♌	
desc. node	-8163 Sep 22 j 23:42	22°♌15'11	
	-8163 Sep 29 j 05:04	0°♍	
	-8163 Oct 23 j 11:00	0°♎	
	-8163 Nov 16 j 23:37	0°♏	
	-8163 Dec 11 j 23:02	0°♐	
	-8162 Jan 06 j 18:57	0°♑	
asc. node	-8162 Jan 13 j 03:10	7°♑07'12	
	-8162 Feb 03 j 10:54	0°♒	
evening max el	-8162 Feb 15 j 05:07	11°♒37'06	44°57'15
	-8162 Mar 09 j 02:37	0°♓	
greatest brilliancy	-8162 Mar 24 j 23:50	8°♓34'46	-4.7m
retrograde	-8162 Apr 04 j 05:20	10°♓26'17	
evening set	-8162 Apr 19 j 10:21	6°♓07'08	
inferior conj	-8162 Apr 25 j 12:12	2°♓35'28	2°22'25
minimum elong	-8162 Apr 25 j 17:15	2°♓27'48	2°20'43
min. Earth dist.	-8162 Apr 26 j 14:10	1°♓56'00	0.28281 AU
	-8162 Apr 29 j 20:00	30°℞♒	
morning rise	-8162 May 01 j 23:00	28°♒48'38	
desc. node	-8162 May 05 j 20:41	26°♒54'26	
direct	-8162 May 17 j 03:01	24°♒25'43	
greatest brilliancy	-8162 May 28 j 17:53	26°♒50'13	-4.8m
	-8162 Jun 04 j 07:18	0°♓	
morning max el	-8162 Jul 06 j 04:15	26°♓07'48	46°33'58
	-8162 Jul 10 j 00:11	0°♈	
	-8162 Aug 06 j 09:32	0°♉	
asc. node	-8162 Aug 26 j 01:42	23°♉10'10	
	-8162 Aug 31 j 17:50	0°♊	
	-8162 Sep 25 j 06:21	0°♋	
	-8162 Oct 19 j 12:16	0°♌	
	-8162 Nov 12 j 18:37	0°♍	
	-8162 Dec 07 j 03:59	0°♎	
desc. node	-8162 Dec 16 j 13:22	11°♎30'51	
	-8162 Dec 31 j 15:51	0°♏	
morning set	-8161 Jan 11 j 12:42	13°♏17'48	
	-8161 Jan 25 j 04:21	0°♐	
max. Earth dist.	-8161 Feb 16 j 02:36	26°♐52'02	1.73784 AU
superior conj	-8161 Feb 17 j 20:40	29°♐01'04	-1°20'04
minimum elong	-8161 Feb 17 j 23:47	29°♐10'39	1°20'35
	-8161 Feb 18 j 15:53	0°♑	
	-8161 Mar 15 j 02:01	0°♒	
evening rise	-8161 Mar 25 j 12:36	12°♒50'36	
asc. node	-8161 Apr 07 j 12:48	28°♒51'12	
	-8161 Apr 08 j 11:09	0°♓	
	-8161 May 02 j 20:02	0°♈	
	-8161 May 27 j 05:33	0°♉	
	-8161 Jun 20 j 17:15	0°♊	
	-8161 Jul 15 j 10:07	0°♋	
desc. node	-8161 Jul 29 j 02:00	16°♋23'19	
	-8161 Aug 09 j 13:36	0°♌	
	-8161 Sep 04 j 15:37	0°♍	
evening max el	-8161 Sep 24 j 08:28	21°♍10'05	47°21'20
	-8161 Oct 03 j 06:32	0°♎	
greatest brilliancy	-8161 Nov 03 j 15:06	22°♎56'42	-4.9m
retrograde	-8161 Nov 14 j 10:50	25°♎12'26	
asc. node	-8161 Nov 18 j 08:25	24°♎53'06	
evening set	-8161 Nov 29 j 13:02	20°♎33'11	
min. Earth dist.	-8161 Dec 04 j 15:25	17°♎24'56	0.28251 AU
inferior conj	-8161 Dec 05 j 12:56	16°♎50'24	3°56'26

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-8161 Dec 05 j 05:37	17°♎02'08	3°54'27	
morning rise	-8161 Dec 10 j 22:59	13°♎28'50		
direct	-8161 Dec 26 j 11:58	8°♎39'52		
greatest brilliancy	-8160 Jan 04 j 08:53	10°♎07'43	-4.8m	
	-8160 Feb 03 j 22:26	0°♏		
morning max el	-8160 Feb 13 j 06:28	8°♏31'25	45°55'47	
	-8160 Mar 05 j 13:45	0°♐		
desc. node	-8160 Mar 10 j 00:59	4°♐45'04		
	-8160 Apr 01 j 21:48	0°♑		
	-8160 Apr 27 j 20:03	0°♒		
	-8160 May 22 j 21:30	0°♓		
	-8160 Jun 16 j 08:23	0°♈		
asc. node	-8160 Jun 30 j 02:25	17°♈07'09		
	-8160 Jul 10 j 09:07	0°♉		
greatest brilliancy	-8160 Jul 21 j 10:34	13°♉55'36	-3.9m	
	-8160 Aug 03 j 03:51	0°♊		
morning set	-8160 Aug 08 j 19:03	7°♊07'41		
	-8160 Aug 26 j 20:41	0°♋		
superior conj	-8160 Sep 18 j 22:54	29°♋09'02	1°03'44	
minimum elong	-8160 Sep 19 j 10:38	29°♋45'58	1°03'52	
	-8160 Sep 19 j 15:05	0°♌		
max. Earth dist.	-8160 Sep 24 j 21:04	6°♌36'12	1.71082 AU	
	-8160 Oct 13 j 13:13	0°♍		
desc. node	-8160 Oct 20 j 12:45	8°♍42'45		
evening rise	-8160 Nov 01 j 03:55	23°♍11'20		
	-8160 Nov 06 j 15:38	0°♎		
	-8160 Nov 30 j 22:11	0°♏		
	-8160 Dec 25 j 09:08	0°♐		
	-8159 Jan 19 j 02:28	0°♑		
asc. node	-8159 Feb 09 j 14:22	25°♑40'25		
	-8159 Feb 13 j 06:20	0°♒		
	-8159 Mar 11 j 03:30	0°♓		
	-8159 Apr 07 j 07:17	0°♈		
evening max el	-8159 Apr 28 j 14:33	21°♈41'08	45°56'17	
	-8159 May 07 j 14:20	0°♉		
desc. node	-8159 Jun 02 j 07:03	18°♉24'18		
greatest brilliancy	-8159 Jun 07 j 08:33	20°♉28'36	-4.8m	
retrograde	-8159 Jun 17 j 02:28	22°♉11'32		
evening set	-8159 Jul 03 j 03:20	17°♉20'18		
inferior conj	-8159 Jul 07 j 21:16	14°♉34'27	-7°25'09	
minimum elong	-8159 Jul 07 j 11:24	14°♉49'11	7°23'07	
min. Earth dist.	-8159 Jul 07 j 18:42	14°♉38'17	0.26816 AU	
morning rise	-8159 Jul 11 j 19:22	12°♉16'28		
direct	-8159 Jul 28 j 13:23	6°♉57'46		
greatest brilliancy	-8159 Aug 08 j 05:11	9°♉06'12	-4.9m	
	-8159 Sep 06 j 16:14	0°♊		
morning max el	-8159 Sep 17 j 07:23	10°♊26'55	46°46'08	
asc. node	-8159 Sep 22 j 13:13	15°♊54'25		
	-8159 Oct 05 j 11:42	0°♋		
	-8159 Oct 31 j 13:06	0°♌		
	-8159 Nov 25 j 19:39	0°♍		
	-8159 Dec 20 j 21:02	0°♎		
desc. node	-8158 Jan 13 j 02:29	27°♎53'09		
	-8158 Jan 14 j 20:41	0°♏		
	-8158 Feb 08 j 17:56	0°♐		
	-8158 Mar 05 j 11:10	0°♑		
morning set	-8158 Mar 20 j 18:28	18°♑42'00		
	-8158 Mar 29 j 23:31	0°♒		
max. Earth dist.	-8158 Apr 20 j 21:32	27°♒01'46	1.72986 AU	
	-8158 Apr 23 j 07:09	0°♓		
superior conj	-8158 Apr 25 j 02:00	2°♓12'40	-0°22'58	
minimum elong	-8158 Apr 25 j 06:17	2°♓25'58	0°23'04	
asc. node	-8158 May 05 j 01:58	14°♓36'53		
	-8158 May 17 j 10:51	0°♈		
evening rise	-8158 May 30 j 20:24	16°♈42'11		
	-8158 Jun 10 j 11:53	0°♉		
	-8158 Jul 04 j 11:55	0°♊		
	-8158 Jul 28 j 13:03	0°♋		
	-8158 Aug 21 j 17:41	0°♌		
desc. node	-8158 Aug 25 j 13:34	4°♌43'19		
	-8158 Sep 15 j 04:34	0°♍		
	-8158 Oct 10 j 02:00	0°♎		
	-8158 Nov 04 j 19:55	0°♏		
	-8158 Dec 02 j 16:15	0°♐		
evening max el	-8158 Dec 03 j 23:49	1°♐18'42	45°44'23	
asc. node	-8158 Dec 15 j 18:45	12°♐24'28		
	-8157 Jan 10 j 17:59	0°♑		
greatest brilliancy	-8157 Jan 11 j 01:14	0°♑07'02	-4.7m	
retrograde	-8157 Jan 22 j 01:45	2°♑20'04		
	-8157 Feb 01 j 20:54	30°℞♐		
evening set	-8157 Feb 08 j 17:48	26°♐21'59		
inferior conj	-8157 Feb 12 j 12:53	23°♐58'46	8°04'03	
minimum elong	-8157 Feb 12 j 14:08	23°♐56'47	8°03'29	
min. Earth dist.	-8157 Feb 12 j 20:29	23°♐46'38	0.29600 AU	
morning rise	-8157 Feb 16 j 10:29	21°♐31'34		
direct	-8157 Mar 06 j 11:04	15°♐26'49		
greatest brilliancy	-8157 Mar 16 j 09:41	17°♐13'25	-4.7m	
	-8157 Apr 06 j 23:38	0°♑		
desc. node	-8157 Apr 07 j 12:10	0°♑24'38		
morning max el	-8157 Apr 24 j 12:15	15°♑24'39	46°02'29	
	-8157 May 09 j 00:40	0°♒		
	-8157 Jun 05 j 06:30	0°♓		
	-8157 Jun 30 j 18:36	0°♈		
	-8157 Jul 25 j 08:27	0°♉		
asc. node	-8157 Jul 28 j 15:29	4°♉04'39		
	-8157 Aug 18 j 09:54	0°♊		
	-8157 Sep 11 j 05:57	0°♋		
	-8157 Oct 05 j 01:57	0°♌		
morning set	-8157 Oct 26 j 06:08	26°♌30'46		
	-8157 Oct 29 j 01:13	0°♍		
desc. node	-8157 Nov 18 j 01:59	24°♍54'03		
	-8157 Nov 22 j 04:45	0°♎		
superior conj	-8157 Dec 07 j 01:35	18°♎22'40	-0°41'12	
minimum elong	-8157 Dec 06 j 16:39	17°♎55'06	0°40'57	
max. Earth dist.	-8157 Dec 10 j 14:53	22°♎45'48	1.72877 AU	
	-8157 Dec 16 j 11:44	0°♏		
	-8156 Jan 09 j 20:53	0°♐		
evening rise	-8156 Jan 15 j 00:03	6°♐18'14		
	-8156 Feb 03 j 07:49	0°♑		
	-8156 Feb 27 j 21:21	0°♒		
asc. node	-8156 Mar 09 j 02:24	12°♒24'33		
	-8156 Mar 23 j 15:11	0°♓		
	-8156 Apr 17 j 15:13	0°♈		
	-8156 May 13 j 00:19	0°♉		
	-8156 Jun 08 j 01:15	0°♊		
desc. node	-8156 Jun 29 j 17:20	23°♊49'51		
	-8156 Jul 05 j 14:32	0°♋		
evening max el	-8156 Jul 11 j 10:03	5°♋55'15	47°32'28	
	-8156 Aug 08 j 00:32	0°♌		
greatest brilliancy	-8156 Aug 21 j 23:06	7°♌24'21	-4.9m	
retrograde	-8156 Aug 31 j 04:57	9°♌02'33		
evening set	-8156 Sep 16 j 14:41	3°♌45'24		
inferior conj	-8156 Sep 20 j 21:13	1°♌09'13	-6°33'52	
minimum elong	-8156 Sep 21 j 07:35	0°♌53'07	6°31'05	
min. Earth dist.	-8156 Sep 20 j 14:29	1°♌19'40	0.26656 AU	
	-8156 Sep 22 j 18:01	30°℞♋		
morning rise	-8156 Sep 26 j 00:43	28°♋03'57		
direct	-8156 Oct 11 j 02:02	23°♋31'05		
asc. node	-8156 Oct 20 j 00:07	25°♋03'09		
greatest brilliancy	-8156 Oct 20 j 22:15	25°♋22'19	-4.9m	
	-8156 Oct 30 j 06:53	0°♌		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning max el	-8156 Nov 29 j 23:47	25°♌50'41	46°21'12
	-8156 Dec 04 j 02:57	0°♍	
	-8155 Jan 01 j 03:17	0°♎	
	-8155 Jan 27 j 15:37	0°♏	
desc. node	-8155 Feb 09 j 15:14	15°♏00'40	
	-8155 Feb 22 j 11:08	0°♐	
	-8155 Mar 19 j 18:28	0°♑	
	-8155 Apr 13 j 15:12	0°♒	
	-8155 May 08 j 02:41	0°♓	
morning set	-8155 May 26 j 10:26	22°♓43'07	
	-8155 Jun 01 j 06:34	0°♈	
asc. node	-8155 Jun 01 j 15:14	0°♈27'04	
	-8155 Jun 25 j 04:50	0°♉	
max. Earth dist.	-8155 Jun 29 j 17:35	5°♉42'18	1.71239 AU
superior conj	-8155 Jul 02 j 15:21	9°♉22'06	1°03'49
minimum elong	-8155 Jul 02 j 05:58	8°♉52'32	1°03'48
	-8155 Jul 18 j 23:57	0°♊	
evening rise	-8155 Aug 10 j 20:48	28°♊51'06	
	-8155 Aug 11 j 18:41	0°♋	
	-8155 Sep 04 j 15:37	0°♌	
desc. node	-8155 Sep 22 j 01:56	21°♌46'23	
	-8155 Sep 28 j 16:35	0°♍	
	-8155 Oct 22 j 22:44	0°♎	
	-8155 Nov 16 j 11:44	0°♏	
	-8155 Dec 11 j 11:54	0°♐	
	-8154 Jan 06 j 09:29	0°♑	
asc. node	-8154 Jan 12 j 05:23	6°♑31'15	
	-8154 Feb 03 j 05:54	0°♒	
evening max el	-8154 Feb 12 j 20:00	9°♒25'02	44°57'13
	-8154 Mar 09 j 23:34	0°♓	
greatest brilliancy	-8154 Mar 22 j 13:34	6°♓22'40	-4.7m
retrograde	-8154 Apr 01 j 20:49	8°♓15'32	
evening set	-8154 Apr 17 j 03:17	3°♓53'03	
inferior conj	-8154 Apr 23 j 03:23	0°♓23'24	2°41'28
minimum elong	-8154 Apr 23 j 09:01	0°♓14'50	2°39'36
	-8154 Apr 23 j 18:47	30°℞♒	
min. Earth dist.	-8154 Apr 24 j 05:38	29°♒43'30	0.28351 AU
morning rise	-8154 Apr 29 j 13:43	26°♒37'15	
desc. node	-8154 May 04 j 22:46	24°♒06'45	
direct	-8154 May 14 j 19:01	22°♒12'16	
greatest brilliancy	-8154 May 26 j 09:39	24°♒36'52	-4.8m
	-8154 Jun 05 j 15:42	0°♓	
morning max el	-8154 Jul 03 j 20:24	23°♓52'59	46°32'54
	-8154 Jul 09 j 20:50	0°♈	
	-8154 Aug 06 j 01:07	0°♉	
asc. node	-8154 Aug 25 j 03:57	22°♉35'01	
	-8154 Aug 31 j 07:28	0°♊	
	-8154 Sep 24 j 18:59	0°♋	
	-8154 Oct 19 j 00:20	0°♌	
	-8154 Nov 12 j 06:17	0°♍	
	-8154 Dec 06 j 15:20	0°♎	
desc. node	-8154 Dec 15 j 15:23	11°♎02'34	
	-8154 Dec 31 j 02:56	0°♏	
morning set	-8153 Jan 09 j 03:37	11°♏02'52	
	-8153 Jan 24 j 15:14	0°♐	
max. Earth dist.	-8153 Feb 14 j 00:34	24°♐59'06	1.73782 AU
superior conj	-8153 Feb 15 j 15:04	26°♐57'12	-1°20'36
minimum elong	-8153 Feb 15 j 17:37	27°♐05'00	1°21'07
	-8153 Feb 18 j 02:40	0°♑	
	-8153 Mar 14 j 12:48	0°♒	
evening rise	-8153 Mar 23 j 08:16	10°♒50'14	
asc. node	-8153 Apr 06 j 15:01	28°♒24'26	
	-8153 Apr 07 j 22:04	0°♓	
	-8153 May 02 j 07:14	0°♈	
	-8153 May 26 j 17:11	0°♉	
	-8153 Jun 20 j 05:31	0°♊	
	-8153 Jul 14 j 23:16	0°♋	
desc. node	-8153 Jul 28 j 04:11	15°♋48'44	
	-8153 Aug 09 j 04:11	0°♌	
	-8153 Sep 04 j 09:02	0°♍	
evening max el	-8153 Sep 22 j 01:00	18°♍54'01	47°24'01
	-8153 Oct 03 j 08:52	0°♎	
greatest brilliancy	-8153 Nov 01 j 07:42	20°♎40'34	-4.9m
retrograde	-8153 Nov 12 j 03:48	22°♎56'26	
asc. node	-8153 Nov 17 j 10:31	22°♎20'48	
evening set	-8153 Nov 27 j 03:50	18°♎19'09	
min. Earth dist.	-8153 Dec 02 j 06:47	15°♎10'10	0.28178 AU
inferior conj	-8153 Dec 03 j 04:50	14°♎34'49	3°38'41
minimum elong	-8153 Dec 02 j 21:55	14°♎45'53	3°36'47
morning rise	-8153 Dec 08 j 16:55	11°♎10'51	
direct	-8153 Dec 24 j 03:26	6°♎25'33	
greatest brilliancy	-8152 Jan 01 j 23:32	7°♎53'17	-4.8m
	-8152 Feb 04 j 01:20	0°♏	
morning max el	-8152 Feb 10 j 22:54	6°♏22'36	45°56'07
	-8152 Mar 05 j 06:35	0°♐	
desc. node	-8152 Mar 09 j 03:14	4°♐07'43	
	-8152 Apr 01 j 11:35	0°♑	
	-8152 Apr 27 j 08:28	0°♒	
	-8152 May 22 j 09:11	0°♓	
	-8152 Jun 15 j 19:41	0°♈	
asc. node	-8152 Jun 29 j 04:37	16°♈39'01	
	-8152 Jul 09 j 20:15	0°♉	
greatest brilliancy	-8152 Jul 20 j 23:27	14°♉01'11	-3.9m
	-8152 Aug 02 j 14:57	0°♊	
morning set	-8152 Aug 06 j 06:48	4°♊37'53	
	-8152 Aug 26 j 07:48	0°♋	
superior conj	-8152 Sep 16 j 07:30	26°♋29'53	1°06'15
minimum elong	-8152 Sep 16 j 18:57	27°♋05'56	1°06'25
	-8152 Sep 19 j 02:15	0°♌	
max. Earth dist.	-8152 Sep 22 j 04:22	3°♌53'10	1.71037 AU
	-8152 Oct 13 j 00:22	0°♍	
desc. node	-8152 Oct 19 j 14:48	8°♍14'21	
evening rise	-8152 Oct 29 j 12:55	20°♍35'30	
	-8152 Nov 06 j 02:48	0°♎	
	-8152 Nov 30 j 09:23	0°♏	
	-8152 Dec 24 j 20:31	0°♐	
	-8151 Jan 18 j 14:16	0°♑	
asc. node	-8151 Feb 08 j 16:40	25°♑10'28	
	-8151 Feb 12 j 18:56	0°♒	
	-8151 Mar 10 j 17:44	0°♓	
	-8151 Apr 07 j 01:07	0°♈	
evening max el	-8151 Apr 26 j 04:38	19°♈22'37	45°52'57
	-8151 May 07 j 20:17	0°♉	
desc. node	-8151 Jun 01 j 09:12	16°♉42'42	
greatest brilliancy	-8151 Jun 04 j 19:54	18°♉02'44	-4.8m
retrograde	-8151 Jun 14 j 14:14	19°♉45'37	
evening set	-8151 Jun 30 j 11:34	15°♉00'32	
inferior conj	-8151 Jul 05 j 09:32	12°♉08'55	-7°11'18
minimum elong	-8151 Jul 04 j 23:23	12°♉24'06	7°09'08
min. Earth dist.	-8151 Jul 05 j 07:33	12°♉11'53	0.26839 AU
morning rise	-8151 Jul 09 j 11:03	9°♉45'53	
direct	-8151 Jul 26 j 02:29	4°♉31'55	
greatest brilliancy	-8151 Aug 05 j 18:44	6°♉40'12	-4.9m
	-8151 Sep 06 j 19:34	0°♊	
morning max el	-8151 Sep 14 j 19:30	7°♊56'52	46°46'14
asc. node	-8151 Sep 21 j 15:32	15°♊05'42	
	-8151 Oct 05 j 05:25	0°♋	
	-8151 Oct 31 j 03:47	0°♌	
	-8151 Nov 25 j 08:50	0°♍	
	-8151 Dec 20 j 09:18	0°♎	
desc. node	-8150 Jan 12 j 04:42	27°♎24'37	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8150 Jan 14 j 08:21	0°♏	
	-8150 Feb 08 j 05:11	0°♐	
	-8150 Mar 04 j 22:08	0°♑	
morning set	-8150 Mar 18 j 13:34	16°♑40'13	
	-8150 Mar 29 j 10:21	0°♒	
max. Earth dist.	-8150 Apr 18 j 15:41	24°♒56'03	1.73038 AU
superior conj	-8150 Apr 22 j 21:08	0°♓09'49	-0°25'50
minimum elong	-8150 Apr 23 j 01:54	0°♓24'33	0°25'56
	-8150 Apr 22 j 17:58	0°♓	
asc. node	-8150 May 04 j 04:01	14°♓09'30	
	-8150 May 16 j 21:46	0°♈	
evening rise	-8150 May 28 j 14:22	14°♈34'11	
	-8150 Jun 09 j 22:59	0°♉	
	-8150 Jul 03 j 23:15	0°♊	
	-8150 Jul 28 j 00:40	0°♋	
	-8150 Aug 21 j 05:40	0°♌	
desc. node	-8150 Aug 24 j 15:49	4°♌13'04	
	-8150 Sep 14 j 17:07	0°♍	
	-8150 Oct 09 j 15:33	0°♎	
	-8150 Nov 04 j 11:28	0°♏	
evening max el	-8150 Dec 01 j 14:40	29°♏03'12	45°47'24
	-8150 Dec 02 j 13:36	0°♐	
asc. node	-8150 Dec 14 j 21:04	11°♐28'31	
greatest brilliancy	-8149 Jan 08 j 18:54	28°♐00'59	-4.7m
	-8149 Jan 16 j 07:21	0°♑	
retrograde	-8149 Jan 19 j 18:43	0°♑14'02	
	-8149 Jan 23 j 04:47	30°℞♐	
evening set	-8149 Feb 06 j 11:01	24°♐15'49	
inferior conj	-8149 Feb 10 j 06:18	21°♐52'11	8°05'08
minimum elong	-8149 Feb 10 j 06:53	21°♐51'15	8°04'37
min. Earth dist.	-8149 Feb 10 j 12:50	21°♐41'43	0.29598 AU
morning rise	-8149 Feb 14 j 02:44	19°♐26'28	
direct	-8149 Mar 04 j 03:39	13°♐20'16	
greatest brilliancy	-8149 Mar 14 j 01:25	15°♐05'44	-4.7m
desc. node	-8149 Apr 06 j 14:17	29°♐23'58	
	-8149 Apr 07 j 08:03	0°♑	
morning max el	-8149 Apr 22 j 03:23	13°♑12'35	46°01'41
	-8149 May 08 j 18:30	0°♒	
	-8149 Jun 04 j 20:49	0°♓	
	-8149 Jun 30 j 07:27	0°♈	
	-8149 Jul 24 j 20:34	0°♉	
asc. node	-8149 Jul 27 j 17:42	3°♉34'08	
	-8149 Aug 17 j 21:37	0°♊	
	-8149 Sep 10 j 17:25	0°♋	
	-8149 Oct 04 j 13:15	0°♌	
morning set	-8149 Oct 23 j 16:18	23°♌57'44	
	-8149 Oct 28 j 12:24	0°♍	
desc. node	-8149 Nov 17 j 04:01	24°♍25'54	
	-8149 Nov 21 j 15:51	0°♎	
superior conj	-8149 Dec 04 j 13:55	15°♎58'32	-0°38'05
minimum elong	-8149 Dec 04 j 05:26	15°♎32'19	0°37'49
max. Earth dist.	-8149 Dec 08 j 07:36	20°♎35'16	1.72822 AU
	-8149 Dec 15 j 22:46	0°♏	
	-8148 Jan 09 j 07:53	0°♐	
evening rise	-8148 Jan 12 j 16:16	4°♐06'51	
	-8148 Feb 02 j 18:52	0°♑	
	-8148 Feb 27 j 08:40	0°♒	
asc. node	-8148 Mar 08 j 04:36	11°♒56'25	
	-8148 Mar 23 j 02:59	0°♓	
	-8148 Apr 17 j 03:52	0°♈	
	-8148 May 12 j 14:18	0°♉	
	-8148 Jun 07 j 17:38	0°♊	
desc. node	-8148 Jun 28 j 19:38	23°♊02'32	
	-8148 Jul 05 j 12:33	0°♋	
evening max el	-8148 Jul 08 j 22:21	3°♋26'35	47°30'22

	-8148 Aug 09 j 08:50	0°♌	
greatest brilliancy	-8148 Aug 19 j 13:14	4°♌56'13	-4.9m
retrograde	-8148 Aug 28 j 17:33	6°♌33'26	
evening set	-8148 Sep 14 j 06:47	1°♌11'52	
	-8148 Sep 16 j 06:48	30°℞♋	
inferior conj	-8148 Sep 18 j 10:03	28°♋41'02	-6°49'49
minimum elong	-8148 Sep 18 j 20:23	28°♋25'01	6°47'10
min. Earth dist.	-8148 Sep 18 j 03:59	28°♋50'24	0.26636 AU
morning rise	-8148 Sep 23 j 10:09	25°♋40'53	
direct	-8148 Oct 08 j 14:09	21°♋03'16	
greatest brilliancy	-8148 Oct 18 j 12:12	22°♋56'08	-4.9m
asc. node	-8148 Oct 19 j 02:10	23°♋09'10	
	-8148 Oct 31 j 13:57	0°♌	
morning max el	-8148 Nov 27 j 13:26	23°♌27'48	46°22'24
	-8148 Dec 04 j 00:11	0°♍	
	-8148 Dec 31 j 19:05	0°♎	
	-8147 Jan 27 j 05:11	0°♏	
desc. node	-8147 Feb 08 j 17:24	14°♏29'26	
	-8147 Feb 21 j 23:32	0°♐	
	-8147 Mar 19 j 06:11	0°♑	
	-8147 Apr 13 j 02:31	0°♒	
	-8147 May 07 j 13:48	0°♓	
morning set	-8147 May 24 j 03:55	20°♓33'41	
asc. node	-8147 May 31 j 17:23	29°♓59'14	
	-8147 May 31 j 17:38	0°♈	
	-8147 Jun 24 j 15:57	0°♉	
max. Earth dist.	-8147 Jun 27 j 06:26	3°♉16'37	1.71292 AU
superior conj	-8147 Jun 30 j 06:06	7°♉02'15	1°01'32
minimum elong	-8147 Jun 29 j 20:42	6°♉32'36	1°01'30
	-8147 Jul 18 j 11:10	0°♊	
evening rise	-8147 Aug 08 j 07:18	26°♊17'16	
	-8147 Aug 11 j 06:02	0°♋	
	-8147 Sep 04 j 03:06	0°♌	
desc. node	-8147 Sep 21 j 04:00	21°♌16'48	
	-8147 Sep 28 j 04:12	0°♍	
	-8147 Oct 22 j 10:33	0°♎	
	-8147 Nov 15 j 23:55	0°♏	
	-8147 Dec 11 j 00:53	0°♐	
	-8146 Jan 06 j 00:17	0°♑	
asc. node	-8146 Jan 11 j 07:40	5°♑54'53	
	-8146 Feb 03 j 01:39	0°♒	
evening max el	-8146 Feb 10 j 11:50	7°♒14'47	44°57'06
	-8146 Mar 11 j 04:55	0°♓	
greatest brilliancy	-8146 Mar 20 j 03:28	4°♓10'13	-4.7m
retrograde	-8146 Mar 30 j 12:14	6°♓04'03	
evening set	-8146 Apr 14 j 20:23	1°♓38'23	
	-8146 Apr 17 j 17:58	30°℞♒	
inferior conj	-8146 Apr 20 j 18:36	28°♒10'44	3°00'09
minimum elong	-8146 Apr 21 j 00:47	28°♒01'18	2°58'09
min. Earth dist.	-8146 Apr 21 j 20:55	27°♒30'39	0.28420 AU
morning rise	-8146 Apr 27 j 04:15	24°♒25'23	
desc. node	-8146 May 04 j 00:55	21°♒22'44	
direct	-8146 May 12 j 11:26	19°♒58'23	
greatest brilliancy	-8146 May 24 j 00:46	22°♒22'08	-4.8m
	-8146 Jun 06 j 15:25	0°♓	
morning max el	-8146 Jul 01 j 12:35	21°♓37'49	46°31'47
	-8146 Jul 09 j 17:05	0°♈	
	-8146 Aug 05 j 16:41	0°♉	
asc. node	-8146 Aug 24 j 06:07	21°♉59'11	
	-8146 Aug 30 j 21:12	0°♊	
	-8146 Sep 24 j 07:47	0°♋	
	-8146 Oct 18 j 12:34	0°♌	
	-8146 Nov 11 j 18:06	0°♍	
	-8146 Dec 06 j 02:48	0°♎	
desc. node	-8146 Dec 14 j 17:37	10°♎34'33	
	-8146 Dec 30 j 14:08	0°♏	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning set	-8145 Jan 06 j 18:51	8°♏48'30	
	-8145 Jan 24 j 02:15	0°♐	
max. Earth dist.	-8145 Feb 12 j 00:12	23°♐10'44	1.73782 AU
superior conj	-8145 Feb 13 j 09:40	24°♐53'22	-1°21'01
minimum elong	-8145 Feb 13 j 11:38	24°♐59'24	1°21'33
	-8145 Feb 17 j 13:38	0°♑	
	-8145 Mar 13 j 23:49	0°♒	
evening rise	-8145 Mar 21 j 04:03	8°♒49'30	
asc. node	-8145 Apr 05 j 17:04	27°♒56'24	
	-8145 Apr 07 j 09:16	0°♓	
	-8145 May 01 j 18:43	0°♈	
	-8145 May 26 j 05:07	0°♉	
	-8145 Jun 19 j 18:06	0°♊	
	-8145 Jul 14 j 12:48	0°♋	
desc. node	-8145 Jul 27 j 06:24	15°♋13'12	
	-8145 Aug 08 j 19:13	0°♌	
	-8145 Sep 04 j 03:08	0°♍	
evening max el	-8145 Sep 19 j 17:59	16°♍38'10	47°26'34
	-8145 Oct 03 j 13:07	0°♎	
greatest brilliancy	-8145 Oct 30 j 00:55	18°♎24'22	-4.9m
retrograde	-8145 Nov 09 j 20:46	20°♎39'29	
asc. node	-8145 Nov 16 j 12:51	19°♎42'34	
evening set	-8145 Nov 24 j 18:54	16°♎04'24	
min. Earth dist.	-8145 Nov 29 j 22:22	12°♎54'33	0.28099 AU
inferior conj	-8145 Nov 30 j 20:47	12°♎18'35	3°20'34
minimum elong	-8145 Nov 30 j 14:20	12°♎28'56	3°18'46
morning rise	-8145 Dec 06 j 10:48	8°♎52'12	
direct	-8145 Dec 21 j 19:03	4°♎10'52	
greatest brilliancy	-8145 Dec 30 j 14:06	5°♎38'07	-4.8m
	-8144 Feb 04 j 02:57	0°♏	
morning max el	-8144 Feb 08 j 14:48	4°♏12'02	45°56'31
	-8144 Mar 04 j 23:15	0°♐	
desc. node	-8144 Mar 08 j 05:20	3°♐29'53	
	-8144 Apr 01 j 01:27	0°♑	
	-8144 Apr 26 j 21:03	0°♒	
	-8144 May 21 j 21:08	0°♓	
	-8144 Jun 15 j 07:18	0°♈	
asc. node	-8144 Jun 28 j 06:52	16°♈10'01	
	-8144 Jul 09 j 07:42	0°♉	
greatest brilliancy	-8144 Jul 20 j 12:36	14°♉06'36	-3.9m
	-8144 Aug 02 j 02:21	0°♊	
morning set	-8144 Aug 03 j 18:32	2°♊07'06	
	-8144 Aug 25 j 19:13	0°♋	
superior conj	-8144 Sep 13 j 16:11	23°♋50'06	1°08'35
minimum elong	-8144 Sep 14 j 03:15	24°♋24'56	1°08'49
	-8144 Sep 18 j 13:40	0°♌	
max. Earth dist.	-8144 Sep 19 j 10:56	1°♌06'52	1.70993 AU
	-8144 Oct 12 j 11:48	0°♍	
desc. node	-8144 Oct 18 j 16:51	7°♍45'03	
evening rise	-8144 Oct 26 j 21:44	17°♍58'03	
	-8144 Nov 05 j 14:15	0°♎	
	-8144 Nov 29 j 20:54	0°♏	
	-8144 Dec 24 j 08:11	0°♐	
	-8143 Jan 18 j 02:19	0°♑	
asc. node	-8143 Feb 07 j 18:54	24°♑39'38	
	-8143 Feb 12 j 07:48	0°♒	
	-8143 Mar 10 j 08:19	0°♓	
	-8143 Apr 06 j 19:37	0°♈	
evening max el	-8143 Apr 23 j 17:54	17°♈01'25	45°49'25
	-8143 May 08 j 04:57	0°♉	
desc. node	-8143 May 31 j 11:31	14°♉56'11	
greatest brilliancy	-8143 Jun 02 j 07:46	15°♉36'29	-4.8m
retrograde	-8143 Jun 12 j 01:35	17°♉18'51	
evening set	-8143 Jun 27 j 19:51	12°♉39'33	
inferior conj	-8143 Jul 02 j 21:49	9°♉42'31	-6°56'33
minimum elong	-8143 Jul 02 j 11:26	9°♉58'04	6°54'16
min. Earth dist.	-8143 Jul 02 j 20:54	9°♉43'54	0.26868 AU
morning rise	-8143 Jul 07 j 02:48	7°♉14'20	
direct	-8143 Jul 23 j 15:02	2°♉04'49	
greatest brilliancy	-8143 Aug 03 j 09:06	4°♉13'57	-4.9m
	-8143 Sep 06 j 21:53	0°♊	
morning max el	-8143 Sep 12 j 07:06	5°♊24'17	46°46'29
asc. node	-8143 Sep 20 j 17:39	14°♊16'07	
	-8143 Oct 04 j 23:07	0°♋	
	-8143 Oct 30 j 18:35	0°♌	
	-8143 Nov 24 j 22:12	0°♍	
	-8143 Dec 19 j 21:48	0°♎	
desc. node	-8142 Jan 11 j 06:47	26°♎54'53	
	-8142 Jan 13 j 20:15	0°♏	
	-8142 Feb 07 j 16:39	0°♐	
	-8142 Mar 04 j 09:19	0°♑	
morning set	-8142 Mar 16 j 09:01	14°♑38'55	
	-8142 Mar 28 j 21:22	0°♒	
max. Earth dist.	-8142 Apr 16 j 11:58	22°♒56'22	1.73091 AU
superior conj	-8142 Apr 20 j 16:44	28°♒07'53	-0°28'37
minimum elong	-8142 Apr 20 j 21:55	28°♒23'58	0°28'43
	-8142 Apr 22 j 04:58	0°♓	
asc. node	-8142 May 03 j 06:16	13°♓42'09	
	-8142 May 16 j 08:54	0°♈	
evening rise	-8142 May 26 j 08:47	12°♈26'59	
	-8142 Jun 09 j 10:21	0°♉	
	-8142 Jul 03 j 10:54	0°♊	
	-8142 Jul 27 j 12:38	0°♋	
	-8142 Aug 20 j 18:03	0°♌	
desc. node	-8142 Aug 23 j 17:52	3°♌41'04	
	-8142 Sep 14 j 06:06	0°♍	
	-8142 Oct 09 j 05:32	0°♎	
	-8142 Nov 04 j 03:34	0°♏	
evening max el	-8142 Nov 29 j 05:17	26°♏46'12	45°50'38
	-8142 Dec 02 j 12:06	0°♐	
asc. node	-8142 Dec 13 j 23:22	10°♐30'29	
greatest brilliancy	-8141 Jan 06 j 12:16	25°♐53'52	-4.7m
retrograde	-8141 Jan 17 j 12:09	28°♐07'42	
evening set	-8141 Feb 04 j 04:08	22°♐09'28	
inferior conj	-8141 Feb 07 j 23:50	19°♐45'13	8°05'39
minimum elong	-8141 Feb 07 j 23:45	19°♐45'22	8°05'09
min. Earth dist.	-8141 Feb 08 j 05:17	19°♐36'31	0.29590 AU
morning rise	-8141 Feb 11 j 19:21	17°♐20'50	
direct	-8141 Mar 01 j 20:03	11°♐13'18	
greatest brilliancy	-8141 Mar 11 j 17:26	12°♐58'08	-4.7m
desc. node	-8141 Apr 05 j 16:24	28°♐24'24	
	-8141 Apr 07 j 14:16	0°♑	
morning max el	-8141 Apr 19 j 19:25	11°♑02'31	46°01'07
	-8141 May 08 j 12:02	0°♒	
	-8141 Jun 04 j 11:06	0°♓	
	-8141 Jun 29 j 20:23	0°♈	
	-8141 Jul 24 j 08:51	0°♉	
asc. node	-8141 Jul 26 j 19:50	3°♉02'50	
	-8141 Aug 17 j 09:34	0°♊	
	-8141 Sep 10 j 05:09	0°♋	
	-8141 Oct 04 j 00:51	0°♌	
morning set	-8141 Oct 21 j 01:58	21°♌21'59	
	-8141 Oct 27 j 23:53	0°♍	
desc. node	-8141 Nov 16 j 06:16	23°♍57'36	
	-8141 Nov 21 j 03:12	0°♎	
superior conj	-8141 Dec 02 j 01:47	13°♎32'06	-0°34'51
minimum elong	-8141 Dec 01 j 17:47	13°♎07'23	0°34'34
max. Earth dist.	-8141 Dec 05 j 22:18	18°♎17'46	1.72761 AU
	-8141 Dec 15 j 10:01	0°♏	
	-8140 Jan 08 j 19:05	0°♐	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening rise	-8140 Jan 10 j 08:21	1°♐54'25	
	-8140 Feb 02 j 06:09	0°♑	
	-8140 Feb 26 j 20:10	0°♒	
asc. node	-8140 Mar 07 j 06:43	11°♒27'30	
	-8140 Mar 22 j 14:58	0°♓	
	-8140 Apr 16 j 16:39	0°♈	
	-8140 May 12 j 04:26	0°♉	
	-8140 Jun 07 j 10:18	0°♊	
desc. node	-8140 Jun 27 j 21:48	22°♊14'00	
	-8140 Jul 05 j 11:28	0°♋	
evening max el	-8140 Jul 06 j 11:13	0°♋59'29	47°27'57
	-8140 Aug 11 j 08:44	0°♌	
greatest brilliancy	-8140 Aug 17 j 02:28	2°♌26'16	-4.9m
retrograde	-8140 Aug 26 j 06:23	4°♌03'13	
	-8140 Sep 09 j 11:29	30°℞♋	
evening set	-8140 Sep 11 j 22:39	28°♋36'59	
inferior conj	-8140 Sep 15 j 22:39	26°♋11'24	-7°05'03
minimum elong	-8140 Sep 16 j 08:52	25°♋55'38	7°02'31
min. Earth dist.	-8140 Sep 15 j 16:57	26°♋20'13	0.26627 AU
morning rise	-8140 Sep 20 j 19:13	23°♋16'49	
direct	-8140 Oct 06 j 02:36	18°♋33'55	
greatest brilliancy	-8140 Oct 16 j 01:40	20°♋28'04	-4.9m
asc. node	-8140 Oct 18 j 04:32	21°♋18'39	
	-8140 Nov 01 j 13:02	0°♌	
morning max el	-8140 Nov 25 j 03:58	21°♌06'00	46°23'36
	-8140 Dec 03 j 21:05	0°♍	
	-8140 Dec 31 j 10:55	0°♎	
	-8139 Jan 26 j 18:50	0°♏	
desc. node	-8139 Feb 07 j 19:30	13°♏57'41	
	-8139 Feb 21 j 11:59	0°♐	
	-8139 Mar 18 j 17:56	0°♑	
	-8139 Apr 12 j 13:53	0°♒	
	-8139 May 07 j 00:58	0°♓	
morning set	-8139 May 21 j 22:00	18°♓26'09	
asc. node	-8139 May 30 j 19:39	29°♓31'42	
	-8139 May 31 j 04:43	0°♈	
	-8139 Jun 24 j 03:02	0°♉	
max. Earth dist.	-8139 Jun 24 j 18:55	0°♉49'55	1.71343 AU
superior conj	-8139 Jun 27 j 21:34	4°♉44'50	0°59'11
minimum elong	-8139 Jun 27 j 12:13	4°♉15'24	0°59'08
	-8139 Jul 17 j 22:21	0°♊	
evening rise	-8139 Aug 05 j 18:29	23°♊45'37	
	-8139 Aug 10 j 17:21	0°♋	
	-8139 Sep 03 j 14:37	0°♌	
desc. node	-8139 Sep 20 j 06:07	20°♌47'08	
	-8139 Sep 27 j 15:56	0°♍	
	-8139 Oct 21 j 22:31	0°♎	
	-8139 Nov 15 j 12:18	0°♏	
	-8139 Dec 10 j 14:07	0°♐	
	-8138 Jan 05 j 15:25	0°♑	
asc. node	-8138 Jan 10 j 09:52	5°♑17'36	
	-8138 Feb 02 j 22:08	0°♒	
evening max el	-8138 Feb 08 j 04:04	5°♒05'13	44°57'12
	-8138 Mar 12 j 23:41	0°♓	
greatest brilliancy	-8138 Mar 17 j 17:54	1°♓58'35	-4.7m
retrograde	-8138 Mar 28 j 03:25	3°♓52'42	
	-8138 Apr 11 j 10:30	30°℞♒	
evening set	-8138 Apr 12 j 13:42	29°♒24'03	
inferior conj	-8138 Apr 18 j 09:53	25°♒58'25	3°18'26
minimum elong	-8138 Apr 18 j 16:34	25°♒48'12	3°16'20
min. Earth dist.	-8138 Apr 19 j 12:16	25°♒18'08	0.28483 AU
morning rise	-8138 Apr 24 j 18:36	22°♒13'55	
desc. node	-8138 May 03 j 03:17	18°♒43'24	
direct	-8138 May 10 j 03:57	17°♒45'02	
greatest brilliancy	-8138 May 21 j 15:29	20°♒07'14	-4.8m
	-8138 Jun 07 j 08:54	0°♓	
morning max el	-8138 Jun 29 j 04:21	19°♓22'09	46°30'48
	-8138 Jul 09 j 12:36	0°♈	
	-8138 Aug 05 j 07:52	0°♉	
asc. node	-8138 Aug 23 j 08:17	21°♉24'09	
	-8138 Aug 30 j 10:38	0°♊	
	-8138 Sep 23 j 20:21	0°♋	
	-8138 Oct 18 j 00:38	0°♌	
	-8138 Nov 11 j 05:49	0°♍	
	-8138 Dec 05 j 14:15	0°♎	
desc. node	-8138 Dec 13 j 19:41	10°♎05'59	
	-8138 Dec 30 j 01:20	0°♏	
morning set	-8137 Jan 04 j 09:24	6°♏32'01	
	-8137 Jan 23 j 13:16	0°♐	
max. Earth dist.	-8137 Feb 09 j 23:09	21°♐20'21	1.73774 AU
superior conj	-8137 Feb 11 j 03:38	22°♐47'42	-1°21'20
minimum elong	-8137 Feb 11 j 04:59	22°♐51'50	1°21'51
	-8137 Feb 17 j 00:33	0°♑	
	-8137 Mar 13 j 10:46	0°♒	
evening rise	-8137 Mar 18 j 23:24	6°♒47'40	
asc. node	-8137 Apr 04 j 19:20	27°♒29'15	
	-8137 Apr 06 j 20:22	0°♓	
	-8137 May 01 j 06:08	0°♈	
	-8137 May 25 j 16:59	0°♉	
	-8137 Jun 19 j 06:36	0°♊	
	-8137 Jul 14 j 02:12	0°♋	
desc. node	-8137 Jul 26 j 08:32	14°♋37'56	
	-8137 Aug 08 j 10:08	0°♌	
	-8137 Sep 03 j 21:17	0°♍	
evening max el	-8137 Sep 17 j 10:23	14°♍21'33	47°28'49
	-8137 Oct 03 j 18:54	0°♎	
greatest brilliancy	-8137 Oct 27 j 18:23	16°♎08'45	-4.9m
retrograde	-8137 Nov 07 j 13:04	18°♎22'19	
asc. node	-8137 Nov 15 j 15:09	16°♎59'00	
evening set	-8137 Nov 22 j 09:58	13°♎49'22	
min. Earth dist.	-8137 Nov 27 j 14:11	10°♎38'15	0.28027 AU
inferior conj	-8137 Nov 28 j 12:35	10°♎02'16	3°01'56
minimum elong	-8137 Nov 28 j 06:39	10°♎11'49	3°00'15
morning rise	-8137 Dec 04 j 04:25	6°♎33'18	
direct	-8137 Dec 19 j 10:22	1°♎56'02	
greatest brilliancy	-8137 Dec 28 j 05:08	3°♎23'05	-4.8m
	-8136 Feb 04 j 03:20	0°♏	
morning max el	-8136 Feb 06 j 05:47	1°♏59'08	45°56'50
	-8136 Mar 04 j 15:36	0°♐	
desc. node	-8136 Mar 07 j 07:30	2°♐52'38	
	-8136 Mar 31 j 15:06	0°♑	
	-8136 Apr 26 j 09:26	0°♒	
	-8136 May 21 j 08:52	0°♓	
	-8136 Jun 14 j 18:40	0°♈	
asc. node	-8136 Jun 27 j 08:53	15°♈41'02	
	-8136 Jul 08 j 18:55	0°♉	
greatest brilliancy	-8136 Jul 20 j 00:18	14°♉08'12	-3.9m
morning set	-8136 Aug 01 j 06:28	29°♉37'40	
	-8136 Aug 01 j 13:31	0°♊	
	-8136 Aug 25 j 06:23	0°♋	
superior conj	-8136 Sep 11 j 01:21	21°♋12'41	1°10'45
minimum elong	-8136 Sep 11 j 11:57	21°♋46'03	1°11'01
max. Earth dist.	-8136 Sep 16 j 14:47	28°♋12'57	1.70946 AU
	-8136 Sep 18 j 00:48	0°♌	
	-8136 Oct 11 j 22:55	0°♍	
desc. node	-8136 Oct 17 j 19:06	7°♍17'23	
evening rise	-8136 Oct 24 j 06:40	15°♍21'53	
	-8136 Nov 05 j 01:23	0°♎	
	-8136 Nov 29 j 08:07	0°♏	
	-8136 Dec 23 j 19:37	0°♐	
	-8135 Jan 17 j 14:11	0°♑	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

asc. node	-8135 Feb 06 j 21:01	24°♋08'55		
	-8135 Feb 11 j 20:34	0°♒		
	-8135 Mar 09 j 22:53	0°♓		
	-8135 Apr 06 j 14:25	0°♈		
evening max el	-8135 Apr 21 j 06:23	14°♈39'07	45°46'09	
	-8135 May 08 j 16:14	0°♉		
desc. node	-8135 May 30 j 13:40	13°♉05'57		
greatest brilliancy	-8135 May 30 j 19:34	13°♉10'59	-4.8m	
retrograde	-8135 Jun 09 j 12:54	14°♉53'16		
evening set	-8135 Jun 25 j 04:13	10°♉19'00		
inferior conj	-8135 Jun 30 j 10:05	7°♉17'06	-6°41'08	
minimum elong	-8135 Jun 29 j 23:33	7°♉32'51	6°38'42	
min. Earth dist.	-8135 Jun 30 j 10:22	7°♉16'40	0.26898 AU	
morning rise	-8135 Jul 04 j 18:32	4°♉43'54		
	-8135 Jul 16 j 21:36	30°℞♈		
direct	-8135 Jul 21 j 03:23	29°♈38'21		
	-8135 Jul 25 j 10:59	0°♉		
greatest brilliancy	-8135 Jul 31 j 23:59	1°♉49'18	-4.9m	
	-8135 Sep 06 j 22:32	0°♊		
morning max el	-8135 Sep 09 j 19:07	2°♊53'40	46°46'51	
asc. node	-8135 Sep 19 j 19:55	13°♊28'39		
	-8135 Oct 04 j 16:07	0°♋		
	-8135 Oct 30 j 08:52	0°♌		
	-8135 Nov 24 j 11:06	0°♍		
	-8135 Dec 19 j 09:52	0°♎		
desc. node	-8134 Jan 10 j 08:51	26°♎26'16		
	-8134 Jan 13 j 07:46	0°♏		
	-8134 Feb 07 j 03:48	0°♐		
	-8134 Mar 03 j 20:14	0°♑		
morning set	-8134 Mar 14 j 04:03	12°♑37'08		
	-8134 Mar 28 j 08:09	0°♒		
max. Earth dist.	-8134 Apr 14 j 08:48	20°♒59'08	1.73142 AU	
superior conj	-8134 Apr 18 j 11:57	26°♒05'34	-0°31'23	
minimum elong	-8134 Apr 18 j 17:34	26°♒22'56	0°31'30	
	-8134 Apr 21 j 15:44	0°♓		
asc. node	-8134 May 02 j 08:27	13°♓15'20		
	-8134 May 15 j 19:47	0°♈		
evening rise	-8134 May 24 j 02:57	10°♈19'58		
	-8134 Jun 08 j 21:26	0°♉		
	-8134 Jul 02 j 22:16	0°♊		
	-8134 Jul 27 j 00:20	0°♋		
	-8134 Aug 20 j 06:11	0°♌		
desc. node	-8134 Aug 22 j 20:04	3°♌10'22		
	-8134 Sep 13 j 18:50	0°♍		
	-8134 Oct 08 j 19:17	0°♎		
	-8134 Nov 03 j 19:31	0°♏		
evening max el	-8134 Nov 26 j 20:21	24°♏31'31	45°54'00	
	-8134 Dec 02 j 11:00	0°♐		
asc. node	-8134 Dec 13 j 01:30	9°♐32'02		
greatest brilliancy	-8133 Jan 04 j 04:54	23°♐47'01	-4.7m	
retrograde	-8133 Jan 15 j 05:55	26°♐02'30		
evening set	-8133 Feb 01 j 20:59	20°♐04'22		
inferior conj	-8133 Feb 05 j 17:21	17°♐39'12	8°05'32	
minimum elong	-8133 Feb 05 j 16:36	17°♐40'24	8°05'00	
min. Earth dist.	-8133 Feb 05 j 21:26	17°♐32'41	0.29585 AU	
morning rise	-8133 Feb 09 j 12:12	15°♐15'52		
direct	-8133 Feb 27 j 12:44	9°♐07'11		
greatest brilliancy	-8133 Mar 09 j 09:17	10°♐51'24	-4.7m	
desc. node	-8133 Apr 04 j 18:44	27°♐27'22		
	-8133 Apr 07 j 18:10	0°♑		
morning max el	-8133 Apr 17 j 12:20	8°♑55'25	46°00'23	
	-8133 May 08 j 04:59	0°♒		
	-8133 Jun 04 j 01:03	0°♓		
	-8133 Jun 29 j 09:02	0°♈		
	-8133 Jul 23 j 20:50	0°♉		
asc. node	-8133 Jul 25 j 22:00	2°♉32'32		
	-8133 Aug 16 j 21:10	0°♊		
	-8133 Sep 09 j 16:33	0°♋		
	-8133 Oct 03 j 12:06	0°♌		
morning set	-8133 Oct 18 j 11:39	18°♌47'07		
	-8133 Oct 27 j 11:02	0°♍		
desc. node	-8133 Nov 15 j 08:18	23°♍29'35		
	-8133 Nov 20 j 14:15	0°♎		
superior conj	-8133 Nov 29 j 13:32	11°♎06'13	-0°31'32	
minimum elong	-8133 Nov 29 j 06:06	10°♎43'12	0°31'15	
max. Earth dist.	-8133 Dec 03 j 12:12	15°♎58'40	1.72699 AU	
	-8133 Dec 14 j 20:56	0°♏		
evening rise	-8132 Jan 08 j 00:28	29°♏43'09		
	-8132 Jan 08 j 05:57	0°♐		
	-8132 Feb 01 j 17:05	0°♑		
	-8132 Feb 26 j 07:23	0°♒		
asc. node	-8132 Mar 06 j 09:00	11°♒00'02		
	-8132 Mar 22 j 02:43	0°♓		
	-8132 Apr 16 j 05:17	0°♈		
	-8132 May 11 j 18:32	0°♉		
	-8132 Jun 07 j 03:07	0°♊		
desc. node	-8132 Jun 26 j 23:57	21°♊25'02		
evening max el	-8132 Jul 04 j 01:05	28°♊35'24	47°25'35	
	-8132 Jul 05 j 11:11	0°♋		
greatest brilliancy	-8132 Aug 14 j 15:00	29°♋56'10	-4.9m	
	-8132 Aug 14 j 19:34	0°♌		
retrograde	-8132 Aug 23 j 19:30	1°♌33'20		
	-8132 Sep 01 j 11:08	30°℞♋		
evening set	-8132 Sep 09 j 14:27	26°♋02'27		
inferior conj	-8132 Sep 13 j 11:06	23°♋42'05	-7°19'35	
minimum elong	-8132 Sep 13 j 21:08	23°♋26'39	7°17'11	
min. Earth dist.	-8132 Sep 13 j 05:24	23°♋50'52	0.26615 AU	
morning rise	-8132 Sep 18 j 03:58	20°♋53'17		
direct	-8132 Oct 03 j 15:27	16°♋05'08		
greatest brilliancy	-8132 Oct 13 j 14:25	17°♋59'45	-4.9m	
asc. node	-8132 Oct 17 j 06:49	19°♋33'01		
	-8132 Nov 02 j 05:49	0°♌		
morning max el	-8132 Nov 22 j 18:55	18°♌46'00	46°24'44	
	-8132 Dec 03 j 17:01	0°♍		
	-8132 Dec 31 j 02:13	0°♎		
	-8131 Jan 26 j 08:04	0°♏		
desc. node	-8131 Feb 06 j 21:38	13°♏26'58		
	-8131 Feb 21 j 00:06	0°♐		
	-8131 Mar 18 j 05:24	0°♑		
	-8131 Apr 12 j 00:58	0°♒		
	-8131 May 06 j 11:54	0°♓		
morning set	-8131 May 19 j 16:00	16°♓19'01		
asc. node	-8131 May 29 j 21:41	29°♓03'58		
	-8131 May 30 j 15:38	0°♈		
max. Earth dist.	-8131 Jun 22 j 04:23	28°♈14'14	1.71400 AU	
	-8131 Jun 23 j 14:02	0°♉		
superior conj	-8131 Jun 25 j 12:53	2°♉27'22	0°56'45	
minimum elong	-8131 Jun 25 j 03:40	1°♉58'20	0°56'39	
	-8131 Jul 17 j 09:27	0°♊		
evening rise	-8131 Aug 03 j 05:25	21°♊13'29		
	-8131 Aug 10 j 04:36	0°♋		
	-8131 Sep 03 j 02:01	0°♌		
desc. node	-8131 Sep 19 j 08:21	20°♌18'19		
	-8131 Sep 27 j 03:30	0°♍		
	-8131 Oct 21 j 10:20	0°♎		
	-8131 Nov 15 j 00:32	0°♏		
	-8131 Dec 10 j 03:14	0°♐		
	-8130 Jan 05 j 06:32	0°♑		
asc. node	-8130 Jan 09 j 12:05	4°♑40'41		
	-8130 Feb 02 j 19:02	0°♒		
evening max el	-8130 Feb 05 j 20:10	2°♒55'59	44°57'26	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

greatest brilliancy	-8130 Mar 15 j 09:05	29°♒49'01	-4.7m
	-8130 Mar 15 j 21:55	0°♓	
retrograde	-8130 Mar 25 j 18:24	1°♓42'51	
	-8130 Apr 04 j 04:36	30°℞♒	
evening set	-8130 Apr 10 j 07:21	27°♒11'10	
inferior conj	-8130 Apr 16 j 01:28	23°♒47'42	3°36'09
minimum elong	-8130 Apr 16 j 08:36	23°♒36'46	3°33'57
min. Earth dist.	-8130 Apr 17 j 04:02	23°♒07'00	0.28548 AU
morning rise	-8130 Apr 22 j 09:03	20°♒04'02	
desc. node	-8130 May 02 j 05:19	16°♒10'29	
direct	-8130 May 07 j 20:23	15°♒33'16	
greatest brilliancy	-8130 May 19 j 06:34	17°♒53'50	-4.8m
	-8130 Jun 07 j 21:41	0°♓	
morning max el	-8130 Jun 26 j 19:17	17°♓04'52	46°29'32
	-8130 Jul 09 j 07:30	0°♈	
	-8130 Aug 04 j 22:52	0°♉	
asc. node	-8130 Aug 22 j 10:32	20°♉49'20	
	-8130 Aug 30 j 00:01	0°♊	
	-8130 Sep 23 j 08:54	0°♋	
	-8130 Oct 17 j 12:40	0°♌	
	-8130 Nov 10 j 17:29	0°♍	
	-8130 Dec 05 j 01:36	0°♎	
desc. node	-8130 Dec 12 j 21:44	9°♎37'41	
	-8130 Dec 29 j 12:27	0°♏	
morning set	-8129 Jan 01 j 23:56	4°♏15'37	
	-8129 Jan 23 j 00:13	0°♐	
max. Earth dist.	-8129 Feb 07 j 21:10	19°♐27'17	1.73762 AU
superior conj	-8129 Feb 08 j 21:44	20°♐42'37	-1°21'32
minimum elong	-8129 Feb 08 j 22:26	20°♐44'47	1°22'03
	-8129 Feb 16 j 11:26	0°♑	
	-8129 Mar 12 j 21:40	0°♒	
evening rise	-8129 Mar 16 j 18:56	4°♒46'40	
asc. node	-8129 Apr 03 j 21:31	27°♒02'09	
	-8129 Apr 06 j 07:24	0°♓	
	-8129 Apr 30 j 17:28	0°♈	
	-8129 May 25 j 04:50	0°♉	
	-8129 Jun 18 j 19:09	0°♊	
	-8129 Jul 13 j 15:47	0°♋	
desc. node	-8129 Jul 25 j 10:44	14°♋02'16	
	-8129 Aug 08 j 01:24	0°♌	
	-8129 Sep 03 j 16:07	0°♍	
evening max el	-8129 Sep 15 j 02:01	12°♍02'05	47°30'58
	-8129 Oct 04 j 03:21	0°♎	
greatest brilliancy	-8129 Oct 25 j 12:17	13°♎52'34	-4.9m
retrograde	-8129 Nov 05 j 04:49	16°♎04'03	
asc. node	-8129 Nov 14 j 17:13	14°♎09'25	
evening set	-8129 Nov 20 j 01:02	11°♎33'03	
min. Earth dist.	-8129 Nov 25 j 06:15	8°♎20'31	0.27950 AU
inferior conj	-8129 Nov 26 j 04:16	7°♎45'07	2°42'49
minimum elong	-8129 Nov 25 j 22:52	7°♎53'48	2°41'16
morning rise	-8129 Dec 01 j 21:46	4°♎13'38	
	-8129 Dec 13 j 00:29	30°℞♍	
direct	-8129 Dec 17 j 00:59	29°♍40'18	
	-8129 Dec 21 j 03:35	0°♎	
greatest brilliancy	-8129 Dec 25 j 20:32	1°♎07'43	-4.8m
morning max el	-8128 Feb 03 j 20:07	29°♎44'15	45°57'19
	-8128 Feb 04 j 02:43	0°♏	
	-8128 Mar 04 j 07:43	0°♐	
desc. node	-8128 Mar 06 j 09:44	2°♐15'47	
	-8128 Mar 31 j 04:40	0°♑	
	-8128 Apr 25 j 21:49	0°♒	
	-8128 May 20 j 20:35	0°♓	
	-8128 Jun 14 j 06:04	0°♈	
asc. node	-8128 Jun 26 j 11:06	15°♈12'34	
	-8128 Jul 08 j 06:11	0°♉	
greatest brilliancy	-8128 Jul 19 j 10:27	14°♉04'44	-3.9m
morning set	-8128 Jul 29 j 18:41	27°♉08'53	
	-8128 Aug 01 j 00:47	0°♊	
	-8128 Aug 24 j 17:41	0°♋	
superior conj	-8128 Sep 08 j 10:27	18°♋34'19	1°12'47
minimum elong	-8128 Sep 08 j 20:28	19°♋05'53	1°13'04
max. Earth dist.	-8128 Sep 13 j 14:21	25°♋04'46	1.70910 AU
	-8128 Sep 17 j 12:09	0°♌	
	-8128 Oct 11 j 10:17	0°♍	
desc. node	-8128 Oct 16 j 21:08	6°♍48'16	
evening rise	-8128 Oct 21 j 14:57	12°♍42'48	
	-8128 Nov 04 j 12:47	0°♎	
	-8128 Nov 28 j 19:35	0°♏	
	-8128 Dec 23 j 07:17	0°♐	
	-8127 Jan 17 j 02:17	0°♑	
asc. node	-8127 Feb 05 j 23:18	23°♑38'02	
	-8127 Feb 11 j 09:36	0°♒	
	-8127 Mar 09 j 13:49	0°♓	
	-8127 Apr 06 j 09:51	0°♈	
evening max el	-8127 Apr 18 j 19:09	12°♈17'31	45°43'06
	-8127 May 09 j 07:14	0°♉	
greatest brilliancy	-8127 May 28 j 07:02	10°♉45'40	-4.8m
desc. node	-8127 May 29 j 15:50	11°♉11'43	
retrograde	-8127 Jun 07 j 00:54	12°♉28'47	
evening set	-8127 Jun 22 j 13:05	7°♉58'51	
inferior conj	-8127 Jun 27 j 22:38	4°♉52'26	-6°25'00
minimum elong	-8127 Jun 27 j 12:03	5°♉08'13	6°22'29
min. Earth dist.	-8127 Jun 27 j 23:51	4°♉50'37	0.26932 AU
morning rise	-8127 Jul 02 j 10:36	2°♉14'31	
	-8127 Jul 06 j 19:42	30°℞♈	
direct	-8127 Jul 18 j 16:20	27°♈12'36	
greatest brilliancy	-8127 Jul 29 j 14:58	29°♈25'26	-4.9m
	-8127 Jul 31 j 00:51	0°♉	
	-8127 Sep 06 j 22:10	0°♊	
morning max el	-8127 Sep 07 j 08:10	0°♊25'32	46°46'57
asc. node	-8127 Sep 18 j 22:10	12°♊41'24	
	-8127 Oct 04 j 09:00	0°♋	
	-8127 Oct 29 j 23:18	0°♌	
	-8127 Nov 24 j 00:16	0°♍	
	-8127 Dec 18 j 22:15	0°♎	
desc. node	-8126 Jan 09 j 11:04	25°♎57'07	
	-8126 Jan 12 j 19:36	0°♏	
	-8126 Feb 06 j 15:13	0°♐	
	-8126 Mar 03 j 07:22	0°♑	
morning set	-8126 Mar 11 j 22:57	10°♑34'09	
	-8126 Mar 27 j 19:11	0°♒	
max. Earth dist.	-8126 Apr 12 j 07:03	19°♒05'34	1.73190 AU
superior conj	-8126 Apr 16 j 07:15	24°♒02'47	-0°34'07
minimum elong	-8126 Apr 16 j 13:16	24°♒21'21	0°34'13
	-8126 Apr 21 j 02:46	0°♓	
asc. node	-8126 May 01 j 10:29	12°♓47'18	
	-8126 May 15 j 06:56	0°♈	
evening rise	-8126 May 21 j 21:28	8°♈13'20	
	-8126 Jun 08 j 08:47	0°♉	
	-8126 Jul 02 j 09:51	0°♊	
	-8126 Jul 26 j 12:15	0°♋	
	-8126 Aug 19 j 18:33	0°♌	
desc. node	-8126 Aug 21 j 22:17	2°♌39'03	
	-8126 Sep 13 j 07:52	0°♍	
	-8126 Oct 08 j 09:27	0°♎	
	-8126 Nov 03 j 12:07	0°♏	
evening max el	-8126 Nov 24 j 12:23	22°♏17'52	45°57'21
	-8126 Dec 02 j 11:32	0°♐	
asc. node	-8126 Dec 12 j 03:48	8°♐31'06	
greatest brilliancy	-8125 Jan 01 j 21:13	21°♐38'12	-4.7m
retrograde	-8125 Jan 12 j 23:57	23°♐55'30	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening set	-8125 Jan 30 j 13:32	17°♐57'55	
inferior conj	-8125 Feb 03 j 10:45	15°♐31'26	8°04'41
minimum elong	-8125 Feb 03 j 09:22	15°♐33'39	8°04'09
min. Earth dist.	-8125 Feb 03 j 13:09	15°♐27'36	0.29573 AU
morning rise	-8125 Feb 07 j 05:14	13°♐08'49	
direct	-8125 Feb 25 j 05:50	6°♐59'36	
greatest brilliancy	-8125 Mar 07 j 00:28	8°♐42'43	-4.7m
desc. node	-8125 Apr 03 j 20:50	26°♐30'03	
	-8125 Apr 07 j 20:56	0°♑	
morning max el	-8125 Apr 15 j 05:39	6°♑48'30	45°59'41
	-8125 May 07 j 21:56	0°♒	
	-8125 Jun 03 j 15:09	0°♓	
	-8125 Jun 28 j 21:53	0°♈	
	-8125 Jul 23 j 09:02	0°♉	
asc. node	-8125 Jul 25 j 00:12	2°♉01'33	
	-8125 Aug 16 j 09:01	0°♊	
	-8125 Sep 09 j 04:11	0°♋	
	-8125 Oct 02 j 23:36	0°♌	
morning set	-8125 Oct 15 j 21:41	16°♌12'31	
	-8125 Oct 26 j 22:26	0°♍	
desc. node	-8125 Nov 14 j 10:21	23°♍00'49	
	-8125 Nov 20 j 01:34	0°♎	
superior conj	-8125 Nov 27 j 01:03	8°♎38'29	-0°28'08
minimum elong	-8125 Nov 26 j 18:15	8°♎17'27	0°27'51
max. Earth dist.	-8125 Dec 01 j 03:09	13°♎41'45	1.72645 AU
	-8125 Dec 14 j 08:11	0°♏	
evening rise	-8124 Jan 05 j 16:13	27°♏29'37	
	-8124 Jan 07 j 17:11	0°♐	
	-8124 Feb 01 j 04:24	0°♑	
	-8124 Feb 25 j 18:58	0°♒	
asc. node	-8124 Mar 05 j 11:09	10°♒31'02	
	-8124 Mar 21 j 14:51	0°♓	
	-8124 Apr 15 j 18:19	0°♈	
	-8124 May 11 j 09:06	0°♉	
	-8124 Jun 06 j 20:35	0°♊	
desc. node	-8124 Jun 26 j 02:15	20°♊34'41	
evening max el	-8124 Jul 01 j 15:43	26°♊12'29	47°23'00
	-8124 Jul 05 j 12:22	0°♋	
greatest brilliancy	-8124 Aug 12 j 03:23	27°♋25'15	-4.9m
retrograde	-8124 Aug 21 j 08:36	29°♋02'29	
evening set	-8124 Sep 07 j 06:14	23°♋27'22	
inferior conj	-8124 Sep 10 j 23:32	21°♋12'00	-7°33'11
minimum elong	-8124 Sep 11 j 09:18	20°♋57'01	7°30'57
min. Earth dist.	-8124 Sep 10 j 17:44	21°♋20'55	0.26601 AU
morning rise	-8124 Sep 15 j 12:32	18°♋29'04	
direct	-8124 Oct 01 j 04:33	13°♋35'52	
greatest brilliancy	-8124 Oct 11 j 02:52	15°♋30'18	-4.9m
asc. node	-8124 Oct 16 j 08:52	17°♋50'29	
	-8124 Nov 02 j 18:38	0°♌	
morning max el	-8124 Nov 20 j 09:15	16°♌23'39	46°25'48
	-8124 Dec 03 j 12:37	0°♍	
	-8124 Dec 30 j 17:34	0°♎	
	-8123 Jan 25 j 21:31	0°♏	
desc. node	-8123 Feb 05 j 23:48	12°♏55'30	
	-8123 Feb 20 j 12:30	0°♐	
	-8123 Mar 17 j 17:10	0°♑	
	-8123 Apr 11 j 12:23	0°♒	
	-8123 May 05 j 23:08	0°♓	
morning set	-8123 May 17 j 10:01	14°♓11'15	
asc. node	-8123 May 28 j 23:51	28°♓35'55	
	-8123 May 30 j 02:48	0°♈	
max. Earth dist.	-8123 Jun 19 j 13:57	25°♈38'20	1.71460 AU
superior conj	-8123 Jun 23 j 04:27	0°♉10'06	0°54'13
minimum elong	-8123 Jun 22 j 19:23	29°♈41'36	0°54'06
	-8123 Jun 23 j 01:14	0°♉	
	-8123 Jul 16 j 20:46	0°♊	
evening rise	-8123 Jul 31 j 16:47	18°♊41'59	
	-8123 Aug 09 j 16:06	0°♋	
	-8123 Sep 02 j 13:40	0°♌	
desc. node	-8123 Sep 18 j 10:23	19°♌48'08	
	-8123 Sep 26 j 15:19	0°♍	
	-8123 Oct 20 j 22:22	0°♎	
	-8123 Nov 14 j 13:01	0°♏	
	-8123 Dec 09 j 16:39	0°♐	
	-8122 Jan 04 j 22:07	0°♑	
asc. node	-8122 Jan 08 j 14:21	4°♑02'48	
	-8122 Feb 02 j 17:04	0°♒	
evening max el	-8122 Feb 03 j 11:24	0°♒43'49	44°57'34
greatest brilliancy	-8122 Mar 13 j 00:41	27°♒38'52	-4.7m
retrograde	-8122 Mar 23 j 09:02	29°♒32'14	
evening set	-8122 Apr 08 j 01:04	24°♒57'12	
inferior conj	-8122 Apr 13 j 17:05	21°♒36'16	3°53'32
minimum elong	-8122 Apr 14 j 00:38	21°♒24'40	3°51'15
min. Earth dist.	-8122 Apr 14 j 20:07	20°♒54'44	0.28612 AU
morning rise	-8122 Apr 19 j 23:20	17°♒53'39	
desc. node	-8122 May 01 j 07:32	13°♒41'17	
direct	-8122 May 05 j 12:19	13°♒20'41	
greatest brilliancy	-8122 May 16 j 22:15	15°♒40'21	-4.8m
	-8122 Jun 08 j 07:34	0°♓	
morning max el	-8122 Jun 24 j 09:22	14°♓44'54	46°28'24
	-8122 Jul 09 j 02:08	0°♈	
	-8122 Aug 04 j 13:50	0°♉	
asc. node	-8122 Aug 21 j 12:41	20°♉14'03	
	-8122 Aug 29 j 13:28	0°♊	
	-8122 Sep 22 j 21:33	0°♋	
	-8122 Oct 17 j 00:50	0°♌	
	-8122 Nov 10 j 05:16	0°♍	
	-8122 Dec 04 j 13:05	0°♎	
desc. node	-8122 Dec 11 j 23:57	9°♎09'28	
	-8122 Dec 28 j 23:41	0°♏	
morning set	-8122 Dec 30 j 14:25	1°♏58'41	
	-8121 Jan 22 j 11:18	0°♐	
max. Earth dist.	-8121 Feb 05 j 18:13	17°♐30'54	1.73752 AU
superior conj	-8121 Feb 06 j 15:49	18°♐37'07	-1°21'36
minimum elong	-8121 Feb 06 j 15:53	18°♐37'20	1°22'09
	-8121 Feb 15 j 22:26	0°♑	
	-8121 Mar 12 j 08:43	0°♒	
evening rise	-8121 Mar 14 j 14:23	2°♒44'53	
asc. node	-8121 Apr 02 j 23:34	26°♒34'01	
	-8121 Apr 05 j 18:38	0°♓	
	-8121 Apr 30 j 05:02	0°♈	
	-8121 May 24 j 16:53	0°♉	
	-8121 Jun 18 j 07:54	0°♊	
	-8121 Jul 13 j 05:33	0°♋	
desc. node	-8121 Jul 24 j 12:56	13°♋26'08	
	-8121 Aug 07 j 16:55	0°♌	
	-8121 Sep 03 j 11:30	0°♍	
evening max el	-8121 Sep 12 j 16:37	9°♍39'41	47°32'59
	-8121 Oct 04 j 14:52	0°♎	
greatest brilliancy	-8121 Oct 23 j 06:13	11°♎35'48	-4.9m
retrograde	-8121 Nov 02 j 20:18	13°♎45'18	
asc. node	-8121 Nov 13 j 19:36	11°♎14'05	
evening set	-8121 Nov 17 j 16:07	9°♎15'44	
min. Earth dist.	-8121 Nov 22 j 22:28	6°♎01'52	0.27876 AU
inferior conj	-8121 Nov 23 j 19:52	5°♎27'29	2°23'14
minimum elong	-8121 Nov 23 j 15:03	5°♎35'13	2°21'52
morning rise	-8121 Nov 29 j 14:57	1°♎53'38	
	-8121 Dec 03 j 07:50	30°℞♍	
direct	-8121 Dec 14 j 15:07	27°♍23'50	
greatest brilliancy	-8121 Dec 23 j 12:23	28°♍52'23	-4.8m
	-8121 Dec 26 j 14:12	0°♎	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning max el	-8120 Feb 01 j 10:24	27°♎29'04	45°57'58	
	-8120 Feb 04 j 01:10	0°♏		
	-8120 Mar 03 j 23:35	0°♐		
desc. node	-8120 Mar 05 j 11:49	1°♐38'50		
	-8120 Mar 30 j 18:09	0°♑		
	-8120 Apr 25 j 10:09	0°♒		
	-8120 May 20 j 08:20	0°♓		
	-8120 Jun 13 j 17:31	0°♈		
asc. node	-8120 Jun 25 j 13:18	14°♈43'52		
	-8120 Jul 07 j 17:30	0°♉		
greatest brilliancy	-8120 Jul 18 j 21:09	14°♉02'54	-3.9m	
morning set	-8120 Jul 27 j 06:57	24°♉40'12		
	-8120 Jul 31 j 12:04	0°♊		
	-8120 Aug 24 j 04:57	0°♋		
superior conj	-8120 Sep 05 j 19:34	15°♋56'06	1°14'37	
minimum elong	-8120 Sep 06 j 04:55	16°♋25'35	1°14'58	
max. Earth dist.	-8120 Sep 10 j 14:12	21°♋57'35	1.70877 AU	
	-8120 Sep 16 j 23:26	0°♌		
	-8120 Oct 10 j 21:36	0°♍		
desc. node	-8120 Oct 15 j 23:13	6°♍19'27		
evening rise	-8120 Oct 18 j 23:11	10°♍03'40		
	-8120 Nov 04 j 00:09	0°♎		
	-8120 Nov 28 j 07:02	0°♏		
	-8120 Dec 22 j 18:54	0°♐		
	-8119 Jan 16 j 14:21	0°♑		
asc. node	-8119 Feb 05 j 01:31	23°♑07'03		
	-8119 Feb 10 j 22:36	0°♒		
	-8119 Mar 09 j 04:50	0°♓		
	-8119 Apr 06 j 05:48	0°♈		
evening max el	-8119 Apr 16 j 08:16	9°♈57'08	45°39'59	
	-8119 May 10 j 03:15	0°♉		
greatest brilliancy	-8119 May 25 j 17:43	8°♉19'23	-4.8m	
desc. node	-8119 May 28 j 18:08	9°♉12'32		
retrograde	-8119 Jun 04 j 13:16	10°♉03'56		
evening set	-8119 Jun 19 j 21:54	5°♉38'00		
inferior conj	-8119 Jun 25 j 10:55	2°♉27'10	-6°07'57	
minimum elong	-8119 Jun 25 j 00:23	2°♉42'52	6°05'22	
min. Earth dist.	-8119 Jun 25 j 12:50	2°♉24'20	0.26969 AU	
	-8119 Jun 29 j 15:28	30°℞♈		
morning rise	-8119 Jun 30 j 02:26	29°♈44'39		
direct	-8119 Jul 16 j 05:36	24°♈46'19		
greatest brilliancy	-8119 Jul 27 j 05:22	27°♈00'36	-4.9m	
	-8119 Aug 02 j 11:55	0°♉		
morning max el	-8119 Sep 04 j 21:55	27°♉59'18	46°47'09	
	-8119 Sep 06 j 20:51	0°♊		
asc. node	-8119 Sep 18 j 00:18	11°♊54'31		
	-8119 Oct 04 j 01:30	0°♋		
	-8119 Oct 29 j 13:27	0°♌		
	-8119 Nov 23 j 13:12	0°♍		
	-8119 Dec 18 j 10:25	0°♎		
desc. node	-8118 Jan 08 j 13:08	25°♎28'02		
	-8118 Jan 12 j 07:14	0°♏		
	-8118 Feb 06 j 02:27	0°♐		
	-8118 Mar 02 j 18:20	0°♑		
morning set	-8118 Mar 09 j 17:58	8°♑32'05		
	-8118 Mar 27 j 06:00	0°♒		
max. Earth dist.	-8118 Apr 10 j 06:08	17°♒15'15	1.73235 AU	
superior conj	-8118 Apr 14 j 02:43	22°♒01'08	-0°36'47	
minimum elong	-8118 Apr 14 j 09:05	22°♒20'47	0°36'53	
	-8118 Apr 20 j 13:36	0°♓		
asc. node	-8118 Apr 30 j 12:45	12°♓20'38		
	-8118 May 14 j 17:54	0°♈		
evening rise	-8118 May 19 j 16:09	6°♈07'50		
	-8118 Jun 07 j 19:59	0°♉		
	-8118 Jul 01 j 21:21	0°♊		
	-8118 Jul 26 j 00:06	0°♋		
	-8118 Aug 19 j 06:50	0°♌		
desc. node	-8118 Aug 21 j 00:20	2°♌07'29		
	-8118 Sep 12 j 20:49	0°♍		
	-8118 Oct 07 j 23:33	0°♎		
	-8118 Nov 03 j 04:46	0°♏		
evening max el	-8118 Nov 22 j 04:57	20°♏06'10	46°00'46	
	-8118 Dec 02 j 13:00	0°♐		
asc. node	-8118 Dec 11 j 06:04	7°♐29'19		
greatest brilliancy	-8118 Dec 30 j 13:50	19°♐30'26	-4.7m	
retrograde	-8117 Jan 10 j 18:05	21°♐49'00		
evening set	-8117 Jan 28 j 05:55	15°♐52'33		
inferior conj	-8117 Feb 01 j 04:09	13°♐24'16	8°03'13	
minimum elong	-8117 Feb 01 j 02:07	13°♐27'30	8°02'40	
min. Earth dist.	-8117 Feb 01 j 04:40	13°♐23'26	0.29556 AU	
morning rise	-8117 Feb 04 j 22:26	11°♐01'59		
direct	-8117 Feb 22 j 23:15	4°♐52'51		
greatest brilliancy	-8117 Mar 04 j 15:07	6°♐34'09	-4.7m	
desc. node	-8117 Apr 02 j 22:59	25°♐34'48		
	-8117 Apr 07 j 21:59	0°♑		
morning max el	-8117 Apr 12 j 22:56	4°♑42'27	45°59'03	
	-8117 May 07 j 14:16	0°♒		
	-8117 Jun 03 j 04:49	0°♓		
	-8117 Jun 28 j 10:23	0°♈		
	-8117 Jul 22 j 20:57	0°♉		
asc. node	-8117 Jul 24 j 02:19	1°♉31'11		
	-8117 Aug 15 j 20:37	0°♊		
	-8117 Sep 08 j 15:37	0°♋		
	-8117 Oct 02 j 10:55	0°♌		
morning set	-8117 Oct 13 j 07:21	13°♌37'16		
	-8117 Oct 26 j 09:38	0°♍		
desc. node	-8117 Nov 13 j 12:36	22°♍33'22		
	-8117 Nov 19 j 12:39	0°♎		
superior conj	-8117 Nov 24 j 12:04	6°♎09'48	-0°24'38	
minimum elong	-8117 Nov 24 j 05:59	5°♎51'00	0°24'21	
max. Earth dist.	-8117 Nov 28 j 20:06	11°♎31'39	1.72584 AU	
	-8117 Dec 13 j 19:10	0°♏		
evening rise	-8116 Jan 03 j 07:46	25°♏16'13		
	-8116 Jan 07 j 04:09	0°♐		
	-8116 Jan 31 j 15:28	0°♑		
	-8116 Feb 25 j 06:20	0°♒		
asc. node	-8116 Mar 04 j 13:17	10°♒02'42		
	-8116 Mar 21 j 02:44	0°♓		
	-8116 Apr 15 j 07:06	0°♈		
	-8116 May 10 j 23:27	0°♉		
	-8116 Jun 06 j 14:00	0°♊		
desc. node	-8116 Jun 25 j 04:24	19°♊44'07		
evening max el	-8116 Jun 29 j 06:03	23°♊49'54	47°20'08	
	-8116 Jul 05 j 14:24	0°♋		
greatest brilliancy	-8116 Aug 09 j 15:47	24°♋55'11	-4.9m	
retrograde	-8116 Aug 18 j 21:07	26°♋31'54		
evening set	-8116 Sep 04 j 21:50	20°♋52'57		
inferior conj	-8116 Sep 08 j 11:51	18°♋42'22	-7°45'54	
minimum elong	-8116 Sep 08 j 21:14	18°♋27'57	7°43'52	
min. Earth dist.	-8116 Sep 08 j 06:06	18°♋51'12	0.26591 AU	
morning rise	-8116 Sep 12 j 20:50	16°♋05'14		
direct	-8116 Sep 28 j 17:23	11°♋07'01		
greatest brilliancy	-8116 Oct 08 j 15:33	13°♋01'15	-4.9m	
asc. node	-8116 Oct 15 j 11:14	16°♋12'27		
	-8116 Nov 03 j 04:02	0°♌		
morning max el	-8116 Nov 17 j 22:35	13°♌59'01	46°26'52	
	-8116 Dec 03 j 07:30	0°♍		
	-8116 Dec 30 j 08:29	0°♎		
	-8115 Jan 25 j 10:35	0°♏		
desc. node	-8115 Feb 05 j 01:53	12°♏24'48		
	-8115 Feb 20 j 00:31	0°♐		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8115 Mar 17 j 04:36	0°♉	
	-8115 Apr 10 j 23:28	0°♒	
	-8115 May 05 j 10:03	0°♓	
morning set	-8115 May 15 j 04:19	12°♓05'18	
asc. node	-8115 May 28 j 02:05	28°♓08'59	
	-8115 May 29 j 13:40	0°♈	
max. Earth dist.	-8115 Jun 17 j 01:00	23°♈08'09	1.71518 AU
superior conj	-8115 Jun 20 j 20:30	27°♈55'29	0°51'38
minimum elong	-8115 Jun 20 j 11:39	27°♈27'40	0°51'30
	-8115 Jun 22 j 12:08	0°♉	
	-8115 Jul 16 j 07:47	0°♊	
evening rise	-8115 Jul 29 j 04:45	16°♊13'33	
	-8115 Aug 09 j 03:15	0°♋	
	-8115 Sep 02 j 01:01	0°♌	
desc. node	-8115 Sep 17 j 12:32	19°♌19'11	
	-8115 Sep 26 j 02:51	0°♍	
	-8115 Oct 20 j 10:11	0°♎	
	-8115 Nov 14 j 01:19	0°♏	
	-8115 Dec 09 j 05:56	0°♐	
	-8114 Jan 04 j 13:39	0°♑	
asc. node	-8114 Jan 07 j 16:32	3°♑25'06	
evening max el	-8114 Feb 01 j 01:46	28°♑30'21	44°57'59
	-8114 Feb 02 j 15:37	0°♒	
greatest brilliancy	-8114 Mar 10 j 16:12	25°♒29'47	-4.7m
retrograde	-8114 Mar 20 j 23:56	27°♒23'10	
evening set	-8114 Apr 05 j 18:56	22°♒44'18	
inferior conj	-8114 Apr 11 j 08:50	19°♒26'09	4°10'19
minimum elong	-8114 Apr 11 j 16:44	19°♒14'00	4°08'00
min. Earth dist.	-8114 Apr 12 j 12:24	18°♒43'43	0.28677 AU
morning rise	-8114 Apr 17 j 13:38	15°♒44'57	
desc. node	-8114 Apr 30 j 09:51	11°♒18'02	
direct	-8114 May 03 j 04:02	11°♒09'12	
greatest brilliancy	-8114 May 14 j 14:29	13°♒28'45	-4.8m
	-8114 Jun 08 j 14:26	0°♓	
morning max el	-8114 Jun 21 j 23:48	12°♓26'50	46°27'27
	-8114 Jul 08 j 19:59	0°♈	
	-8114 Aug 04 j 04:19	0°♉	
asc. node	-8114 Aug 20 j 14:50	19°♉39'54	
	-8114 Aug 29 j 02:30	0°♊	
	-8114 Sep 22 j 09:50	0°♋	
	-8114 Oct 16 j 12:39	0°♌	
	-8114 Nov 09 j 16:45	0°♍	
	-8114 Dec 04 j 00:18	0°♎	
desc. node	-8114 Dec 11 j 01:59	8°♎41'25	
morning set	-8114 Dec 28 j 04:28	29°♎40'54	
	-8114 Dec 28 j 10:42	0°♏	
	-8113 Jan 21 j 22:09	0°♐	
max. Earth dist.	-8113 Feb 03 j 13:31	15°♐29'52	1.73738 AU
superior conj	-8113 Feb 04 j 09:34	16°♐31'21	-1°21'35
minimum elong	-8113 Feb 04 j 08:59	16°♐29'34	1°22'06
	-8113 Feb 15 j 09:12	0°♑	
	-8113 Mar 11 j 19:31	0°♒	
evening rise	-8113 Mar 12 j 09:40	0°♒43'27	
asc. node	-8113 Apr 02 j 01:51	26°♒07'22	
	-8113 Apr 05 j 05:38	0°♓	
	-8113 Apr 29 j 16:23	0°♈	
	-8113 May 24 j 04:46	0°♉	
	-8113 Jun 17 j 20:31	0°♊	
	-8113 Jul 12 j 19:12	0°♋	
desc. node	-8113 Jul 23 j 15:04	12°♋50'15	
	-8113 Aug 07 j 08:21	0°♌	
	-8113 Sep 03 j 07:04	0°♍	
evening max el	-8113 Sep 10 j 06:57	7°♍17'34	47°35'00
	-8113 Oct 05 j 05:36	0°♎	
greatest brilliancy	-8113 Oct 20 j 23:43	9°♎19'20	-4.9m
retrograde	-8113 Oct 31 j 11:54	11°♎27'38	
asc. node	-8113 Nov 12 j 21:50	8°♎15'29	
evening set	-8113 Nov 15 j 07:24	6°♎58'50	
min. Earth dist.	-8113 Nov 20 j 14:37	3°♎44'10	0.27807 AU
inferior conj	-8113 Nov 21 j 11:32	3°♎10'39	2°03'26
minimum elong	-8113 Nov 21 j 07:20	3°♎17'24	2°02'14
	-8113 Nov 26 j 14:31	30°℞♍	
morning rise	-8113 Nov 27 j 08:09	29°♍34'48	
direct	-8113 Dec 12 j 05:23	25°♍07'56	
greatest brilliancy	-8113 Dec 21 j 04:24	26°♍37'56	-4.8m
	-8113 Dec 28 j 23:04	0°♎	
morning max el	-8112 Jan 30 j 01:30	25°♎16'11	45°58'34
	-8112 Feb 03 j 22:37	0°♏	
	-8112 Mar 03 j 15:03	0°♐	
desc. node	-8112 Mar 04 j 13:59	1°♐02'49	
	-8112 Mar 30 j 07:22	0°♑	
	-8112 Apr 24 j 22:17	0°♒	
	-8112 May 19 j 19:53	0°♓	
	-8112 Jun 13 j 04:47	0°♈	
asc. node	-8112 Jun 24 j 15:21	14°♈15'13	
	-8112 Jul 07 j 04:40	0°♉	
greatest brilliancy	-8112 Jul 18 j 06:01	13°♉55'44	-3.9m
morning set	-8112 Jul 24 j 19:30	22°♉12'56	
	-8112 Jul 30 j 23:13	0°♊	
	-8112 Aug 23 j 16:06	0°♋	
superior conj	-8112 Sep 03 j 05:00	13°♋19'08	1°16'17
minimum elong	-8112 Sep 03 j 13:37	13°♋46'21	1°16'40
max. Earth dist.	-8112 Sep 07 j 15:37	18°♋55'31	1.70846 AU
	-8112 Sep 16 j 10:35	0°♌	
	-8112 Oct 10 j 08:46	0°♍	
desc. node	-8112 Oct 15 j 01:28	5°♍51'41	
evening rise	-8112 Oct 16 j 07:38	7°♍25'43	
	-8112 Nov 03 j 11:21	0°♎	
	-8112 Nov 27 j 18:19	0°♏	
	-8112 Dec 22 j 06:25	0°♐	
	-8111 Jan 16 j 02:21	0°♑	
asc. node	-8111 Feb 04 j 03:39	22°♑35'59	
	-8111 Feb 10 j 11:37	0°♒	
	-8111 Mar 08 j 20:00	0°♓	
	-8111 Apr 06 j 02:18	0°♈	
evening max el	-8111 Apr 13 j 22:27	7°♈39'52	45°37'05
	-8111 May 11 j 06:01	0°♉	
greatest brilliancy	-8111 May 23 j 04:21	5°♉54'05	-4.8m
desc. node	-8111 May 27 j 20:15	7°♉09'10	
retrograde	-8111 Jun 02 j 02:09	7°♉40'02	
evening set	-8111 Jun 17 j 07:13	3°♉18'00	
inferior conj	-8111 Jun 22 j 23:25	0°♉02'50	-5°50'27
minimum elong	-8111 Jun 22 j 12:59	0°♉18'21	5°47'49
min. Earth dist.	-8111 Jun 23 j 01:43	29°♈59'24	0.27007 AU
	-8111 Jun 23 j 01:19	30°℞♈	
morning rise	-8111 Jun 27 j 18:22	27°♈15'46	
direct	-8111 Jul 13 j 19:30	22°♈21'09	
greatest brilliancy	-8111 Jul 24 j 19:17	24°♈35'50	-4.9m
	-8111 Aug 04 j 01:28	0°♉	
morning max el	-8111 Sep 02 j 12:10	25°♉34'39	46°47'11
	-8111 Sep 06 j 18:36	0°♊	
asc. node	-8111 Sep 17 j 02:35	11°♊08'52	
	-8111 Oct 03 j 17:42	0°♋	
	-8111 Oct 29 j 03:26	0°♌	
	-8111 Nov 23 j 02:00	0°♍	
	-8111 Dec 17 j 22:28	0°♎	
desc. node	-8110 Jan 07 j 15:13	24°♎59'19	
	-8110 Jan 11 j 18:46	0°♏	
	-8110 Feb 05 j 13:38	0°♐	
	-8110 Mar 02 j 05:18	0°♑	
morning set	-8110 Mar 07 j 13:02	6°♑30'11	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8110 Mar 26 j 16:52	0°♒		
max. Earth dist.	-8110 Apr 08 j 04:09	15°♒21'31	1.73277 AU	
superior conj	-8110 Apr 11 j 22:13	19°♒59'29	-0°39'24	
minimum elong	-8110 Apr 12 j 04:54	20°♒20'08	0°39'31	
	-8110 Apr 20 j 00:30	0°♓		
asc. node	-8110 Apr 29 j 14:55	11°♓53'31		
	-8110 May 14 j 04:55	0°♈		
evening rise	-8110 May 17 j 10:50	4°♈02'17		
	-8110 Jun 07 j 07:13	0°♉		
	-8110 Jul 01 j 08:52	0°♊		
	-8110 Jul 25 j 12:01	0°♋		
	-8110 Aug 18 j 19:16	0°♌		
desc. node	-8110 Aug 20 j 02:33	1°♌36'02		
	-8110 Sep 12 j 09:57	0°♍		
	-8110 Oct 07 j 13:54	0°♎		
	-8110 Nov 02 j 21:49	0°♏		
evening max el	-8110 Nov 19 j 21:48	17°♏54'50	46°04'15	
	-8110 Dec 02 j 15:57	0°♐		
asc. node	-8110 Dec 10 j 08:14	6°♐25'44		
greatest brilliancy	-8110 Dec 28 j 07:12	17°♐23'36	-4.8m	
retrograde	-8109 Jan 08 j 12:07	19°♐42'34		
evening set	-8109 Jan 25 j 22:17	13°♐47'54		
inferior conj	-8109 Jan 29 j 21:42	11°♐17'24	8°01'13	
minimum elong	-8109 Jan 29 j 19:03	11°♐21'39	8°00'37	
min. Earth dist.	-8109 Jan 29 j 20:25	11°♐19'27	0.29533 AU	
morning rise	-8109 Feb 02 j 15:58	8°♐54'59		
direct	-8109 Feb 20 j 16:51	2°♐46'35		
greatest brilliancy	-8109 Mar 02 j 05:44	4°♐25'39	-4.7m	
desc. node	-8109 Apr 02 j 01:18	24°♐40'54		
	-8109 Apr 07 j 21:56	0°♑		
morning max el	-8109 Apr 10 j 15:35	2°♑34'43	45°58'18	
	-8109 May 07 j 06:28	0°♒		
	-8109 Jun 02 j 18:33	0°♓		
	-8109 Jun 27 j 23:00	0°♈		
	-8109 Jul 22 j 08:59	0°♉		
asc. node	-8109 Jul 23 j 04:31	1°♉00'41		
	-8109 Aug 15 j 08:20	0°♊		
	-8109 Sep 08 j 03:09	0°♋		
	-8109 Oct 01 j 22:23	0°♌		
morning set	-8109 Oct 10 j 16:56	11°♌01'05		
	-8109 Oct 25 j 21:01	0°♍		
desc. node	-8109 Nov 12 j 14:36	22°♍04'31		
	-8109 Nov 18 j 23:56	0°♎		
superior conj	-8109 Nov 21 j 22:53	3°♎39'50	-0°21'04	
minimum elong	-8109 Nov 21 j 17:36	3°♎23'27	0°20'47	
max. Earth dist.	-8109 Nov 26 j 13:53	9°♎23'24	1.72520 AU	
	-8109 Dec 13 j 06:21	0°♏		
evening rise	-8109 Dec 31 j 23:12	23°♏01'53		
	-8108 Jan 06 j 15:17	0°♐		
	-8108 Jan 31 j 02:42	0°♑		
	-8108 Feb 24 j 17:51	0°♒		
asc. node	-8108 Mar 03 j 15:36	9°♒34'26		
	-8108 Mar 20 j 14:50	0°♓		
	-8108 Apr 14 j 20:11	0°♈		
	-8108 May 10 j 14:12	0°♉		
	-8108 Jun 06 j 08:05	0°♊		
desc. node	-8108 Jun 24 j 06:34	18°♊51'51		
evening max el	-8108 Jun 26 j 19:31	21°♊24'24	47°17'10	
	-8108 Jul 05 j 18:17	0°♋		
greatest brilliancy	-8108 Aug 07 j 04:42	22°♋25'04	-4.9m	
retrograde	-8108 Aug 16 j 09:08	24°♋00'41		
evening set	-8108 Sep 02 j 13:22	18°♋18'10		
inferior conj	-8108 Sep 06 j 00:14	16°♋12'15	-7°57'44	
minimum elong	-8108 Sep 06 j 09:08	15°♋58'33	7°55'52	
min. Earth dist.	-8108 Sep 05 j 18:47	16°♋20'37	0.26583 AU	
morning rise	-8108 Sep 10 j 05:04	13°♋40'56		
direct	-8108 Sep 26 j 05:45	8°♋37'32		
greatest brilliancy	-8108 Oct 06 j 04:43	10°♋32'02	-4.9m	
asc. node	-8108 Oct 14 j 13:31	14°♋37'12		
	-8108 Nov 03 j 11:12	0°♌		
morning max el	-8108 Nov 15 j 11:01	11°♌31'02	46°27'53	
	-8108 Dec 03 j 02:11	0°♍		
	-8108 Dec 29 j 23:30	0°♎		
	-8107 Jan 24 j 23:50	0°♏		
desc. node	-8107 Feb 04 j 04:03	11°♏53'34		
	-8107 Feb 19 j 12:47	0°♐		
	-8107 Mar 16 j 16:15	0°♑		
	-8107 Apr 10 j 10:47	0°♒		
	-8107 May 04 j 21:12	0°♓		
morning set	-8107 May 12 j 22:46	9°♓59'07		
asc. node	-8107 May 27 j 04:08	27°♓40'41		
	-8107 May 29 j 00:48	0°♈		
max. Earth dist.	-8107 Jun 14 j 14:12	20°♈43'47	1.71584 AU	
superior conj	-8107 Jun 18 j 12:38	25°♈40'14	0°48'59	
minimum elong	-8107 Jun 18 j 04:03	25°♈13'17	0°48'49	
	-8107 Jun 21 j 23:20	0°♉		
	-8107 Jul 15 j 19:07	0°♊		
evening rise	-8107 Jul 26 j 16:50	13°♊44'26		
	-8107 Aug 08 j 14:46	0°♋		
	-8107 Sep 01 j 12:41	0°♌		
desc. node	-8107 Sep 16 j 14:45	18°♌49'23		
	-8107 Sep 25 j 14:44	0°♍		
	-8107 Oct 19 j 22:22	0°♎		
	-8107 Nov 13 j 14:02	0°♏		
	-8107 Dec 08 j 19:42	0°♐		
	-8106 Jan 04 j 05:51	0°♑		
asc. node	-8106 Jan 06 j 18:49	2°♑46'11		
evening max el	-8106 Jan 29 j 15:57	26°♑15'29	44°58'40	
	-8106 Feb 02 j 15:36	0°♒		
greatest brilliancy	-8106 Mar 08 j 07:24	23°♒19'48	-4.7m	
retrograde	-8106 Mar 18 j 15:29	25°♒13'59		
evening set	-8106 Apr 03 j 12:59	20°♒31'00		
inferior conj	-8106 Apr 09 j 00:46	17°♒15'46	4°26'32	
minimum elong	-8106 Apr 09 j 08:57	17°♒03'09	4°24'12	
min. Earth dist.	-8106 Apr 10 j 04:40	16°♒32'49	0.28741 AU	
morning rise	-8106 Apr 15 j 04:00	13°♒36'27		
desc. node	-8106 Apr 29 j 11:54	8°♒59'32		
direct	-8106 Apr 30 j 19:52	8°♒57'29		
greatest brilliancy	-8106 May 12 j 06:53	11°♒17'14	-4.8m	
	-8106 Jun 08 j 19:29	0°♓		
morning max el	-8106 Jun 19 j 15:07	10°♓10'25	46°26'21	
	-8106 Jul 08 j 13:46	0°♈		
	-8106 Aug 03 j 19:00	0°♉		
asc. node	-8106 Aug 19 j 17:06	19°♉05'10		
	-8106 Aug 28 j 15:50	0°♊		
	-8106 Sep 21 j 22:27	0°♋		
	-8106 Oct 16 j 00:49	0°♌		
	-8106 Nov 09 j 04:34	0°♍		
	-8106 Dec 03 j 11:51	0°♎		
desc. node	-8106 Dec 10 j 04:03	8°♎12'28		
morning set	-8106 Dec 25 j 18:08	27°♎20'47		
	-8106 Dec 27 j 22:03	0°♏		
	-8105 Jan 21 j 09:22	0°♐		
max. Earth dist.	-8105 Feb 01 j 08:13	13°♐25'52	1.73724 AU	
superior conj	-8105 Feb 02 j 03:11	14°♐24'00	-1°21'27	
minimum elong	-8105 Feb 02 j 01:56	14°♐20'09	1°21'56	
	-8105 Feb 14 j 20:21	0°♑		
evening rise	-8105 Mar 10 j 04:59	28°♑41'07		
	-8105 Mar 11 j 06:41	0°♒		
asc. node	-8105 Apr 01 j 04:02	25°♒39'24		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8105 Apr 04 j 16:57	0°♓	
	-8105 Apr 29 j 04:02	0°♈	
	-8105 May 23 j 16:57	0°♉	
	-8105 Jun 17 j 09:27	0°♊	
	-8105 Jul 12 j 09:17	0°♋	
desc. node	-8105 Jul 22 j 17:18	12°♋13'22	
	-8105 Aug 07 j 00:25	0°♌	
	-8105 Sep 03 j 03:45	0°♍	
evening max el	-8105 Sep 07 j 21:47	4°♍55'17	47°36'50
	-8105 Oct 06 j 02:27	0°♎	
greatest brilliancy	-8105 Oct 18 j 16:27	6°♎59'45	-4.9m
retrograde	-8105 Oct 29 j 03:39	9°♎07'31	
asc. node	-8105 Nov 11 j 23:57	5°♎10'11	
evening set	-8105 Nov 12 j 22:30	4°♎39'05	
min. Earth dist.	-8105 Nov 18 j 06:10	1°♎24'12	0.27739 AU
inferior conj	-8105 Nov 19 j 02:49	0°♎51'12	1°43'02
minimum elong	-8105 Nov 18 j 23:16	0°♎56'52	1°42'01
	-8105 Nov 20 j 10:57	30°℞♍	
morning rise	-8105 Nov 25 j 00:55	27°♍13'46	
direct	-8105 Dec 09 j 19:33	22°♍49'28	
greatest brilliancy	-8105 Dec 18 j 19:37	24°♍20'40	-4.8m
	-8105 Dec 30 j 12:39	0°♎	
morning max el	-8104 Jan 27 j 17:10	23°♎03'21	45°59'14
	-8104 Feb 03 j 19:47	0°♏	
	-8104 Mar 03 j 06:42	0°♐	
desc. node	-8104 Mar 03 j 16:13	0°♐26'13	
	-8104 Mar 29 j 20:51	0°♑	
	-8104 Apr 24 j 10:39	0°♒	
	-8104 May 19 j 07:41	0°♓	
	-8104 Jun 12 j 16:17	0°♈	
asc. node	-8104 Jun 23 j 17:34	13°♈46'30	
	-8104 Jul 06 j 16:03	0°♉	
greatest brilliancy	-8104 Jul 17 j 11:58	13°♉38'45	-3.9m
morning set	-8104 Jul 22 j 08:30	19°♉46'34	
	-8104 Jul 30 j 10:34	0°♊	
	-8104 Aug 23 j 03:29	0°♋	
superior conj	-8104 Aug 31 j 14:32	10°♋41'38	1°17'47
minimum elong	-8104 Aug 31 j 22:20	11°♋06'17	1°18'12
max. Earth dist.	-8104 Sep 04 j 19:58	16°♋01'49	1.70825 AU
	-8104 Sep 15 j 22:01	0°♌	
	-8104 Oct 09 j 20:15	0°♍	
evening rise	-8104 Oct 13 j 15:36	4°♍45'03	
desc. node	-8104 Oct 14 j 03:29	5°♍22'09	
	-8104 Nov 02 j 22:53	0°♎	
	-8104 Nov 27 j 05:57	0°♏	
	-8104 Dec 21 j 18:16	0°♐	
	-8103 Jan 15 j 14:42	0°♑	
asc. node	-8103 Feb 03 j 05:58	22°♑04'20	
	-8103 Feb 10 j 01:04	0°♒	
	-8103 Mar 08 j 11:43	0°♓	
	-8103 Apr 05 j 23:51	0°♈	
evening max el	-8103 Apr 11 j 13:20	5°♈23'43	45°34'17
	-8103 May 12 j 20:06	0°♉	
greatest brilliancy	-8103 May 20 j 15:30	3°♉29'14	-4.8m
desc. node	-8103 May 26 j 22:27	5°♉00'34	
retrograde	-8103 May 30 j 14:59	5°♉15'54	
evening set	-8103 Jun 14 j 16:55	0°♉57'55	
	-8103 Jun 16 j 11:14	30°℞♈	
inferior conj	-8103 Jun 20 j 11:59	27°♈38'35	-5°32'26
minimum elong	-8103 Jun 20 j 01:46	27°♈53'48	5°29'47
min. Earth dist.	-8103 Jun 20 j 14:46	27°♈34'26	0.27039 AU
morning rise	-8103 Jun 25 j 10:16	24°♈46'54	
direct	-8103 Jul 11 j 09:30	19°♈56'22	
greatest brilliancy	-8103 Jul 22 j 08:42	22°♈10'34	-4.9m
	-8103 Aug 05 j 03:59	0°♉	
morning max el	-8103 Aug 31 j 01:54	23°♉08'43	46°47'02
	-8103 Sep 06 j 15:38	0°♊	
asc. node	-8103 Sep 16 j 04:50	10°♊23'32	
	-8103 Oct 03 j 09:44	0°♋	
	-8103 Oct 28 j 17:28	0°♌	
	-8103 Nov 22 j 14:58	0°♍	
	-8103 Dec 17 j 10:44	0°♎	
desc. node	-8102 Jan 06 j 17:26	24°♎30'17	
	-8102 Jan 11 j 06:31	0°♏	
	-8102 Feb 05 j 01:00	0°♐	
	-8102 Mar 01 j 16:25	0°♑	
morning set	-8102 Mar 05 j 07:40	4°♑26'29	
	-8102 Mar 26 j 03:53	0°♒	
max. Earth dist.	-8102 Apr 06 j 00:47	13°♒23'09	1.73318 AU
superior conj	-8102 Apr 09 j 17:28	17°♒56'43	-0°41'59
minimum elong	-8102 Apr 10 j 00:27	18°♒18'14	0°42'06
	-8102 Apr 19 j 11:33	0°♓	
asc. node	-8102 Apr 28 j 16:58	11°♓25'34	
	-8102 May 13 j 16:06	0°♈	
evening rise	-8102 May 15 j 05:28	1°♈56'10	
	-8102 Jun 06 j 18:35	0°♉	
	-8102 Jun 30 j 20:30	0°♊	
	-8102 Jul 24 j 24:00	0°♋	
	-8102 Aug 18 j 07:43	0°♌	
desc. node	-8102 Aug 19 j 04:46	1°♌04'34	
	-8102 Sep 11 j 23:08	0°♍	
	-8102 Oct 07 j 04:22	0°♎	
	-8102 Nov 02 j 15:18	0°♏	
evening max el	-8102 Nov 17 j 14:06	15°♏41'29	46°07'29
	-8102 Dec 02 j 20:54	0°♐	
asc. node	-8102 Dec 09 j 10:33	5°♐20'09	
greatest brilliancy	-8102 Dec 26 j 01:03	15°♐16'12	-4.8m
retrograde	-8101 Jan 06 j 05:29	17°♐34'43	
evening set	-8101 Jan 23 j 14:15	11°♐42'23	
inferior conj	-8101 Jan 27 j 15:03	9°♐09'24	7°58'29
minimum elong	-8101 Jan 27 j 11:47	9°♐14'38	7°57'50
min. Earth dist.	-8101 Jan 27 j 12:20	9°♐13'44	0.29508 AU
morning rise	-8101 Jan 31 j 09:31	6°♐46'21	
direct	-8101 Feb 18 j 09:54	0°♐39'14	
greatest brilliancy	-8101 Feb 27 j 20:32	2°♐16'19	-4.7m
desc. node	-8101 Apr 01 j 03:22	23°♐47'00	
	-8101 Apr 07 j 21:03	0°♑	
morning max el	-8101 Apr 08 j 07:07	0°♑23'55	45°57'36
	-8101 May 06 j 22:30	0°♒	
	-8101 Jun 02 j 08:13	0°♓	
	-8101 Jun 27 j 11:34	0°♈	
	-8101 Jul 21 j 20:59	0°♉	
asc. node	-8101 Jul 22 j 06:43	0°♉30'15	
	-8101 Aug 14 j 19:59	0°♊	
	-8101 Sep 07 j 14:37	0°♋	
	-8101 Oct 01 j 09:43	0°♌	
morning set	-8101 Oct 08 j 02:57	8°♌26'30	
	-8101 Oct 25 j 08:15	0°♍	
desc. node	-8101 Nov 11 j 16:43	21°♍36'29	
	-8101 Nov 18 j 11:04	0°♎	
superior conj	-8101 Nov 19 j 09:50	1°♎10'34	-0°17'27
minimum elong	-8101 Nov 19 j 05:23	0°♎56'47	0°17'12
max. Earth dist.	-8101 Nov 24 j 08:09	7°♎16'59	1.72459 AU
	-8101 Dec 12 j 17:25	0°♏	
evening rise	-8101 Dec 29 j 14:23	20°♏46'53	
	-8100 Jan 06 j 02:22	0°♐	
	-8100 Jan 30 j 13:55	0°♑	
	-8100 Feb 24 j 05:22	0°♒	
asc. node	-8100 Mar 02 j 17:44	9°♒05'41	
	-8100 Mar 20 j 02:56	0°♓	
	-8100 Apr 14 j 09:17	0°♈	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8100 May 10 j 05:05	0°♉	
	-8100 Jun 06 j 02:33	0°♊	
desc. node	-8100 Jun 23 j 08:51	17°♊59'04	
evening max el	-8100 Jun 24 j 07:56	18°♊56'27	47°14'08
	-8100 Jul 05 j 23:52	0°♋	
greatest brilliancy	-8100 Aug 04 j 18:01	19°♋55'35	-4.9m
retrograde	-8100 Aug 13 j 20:47	21°♋29'51	
evening set	-8100 Aug 31 j 04:43	15°♋43'48	
inferior conj	-8100 Sep 03 j 12:32	13°♋42'35	-8°08'38
minimum elong	-8100 Sep 03 j 20:55	13°♋29'43	8°06'57
min. Earth dist.	-8100 Sep 03 j 07:42	13°♋50'01	0.26572 AU
morning rise	-8100 Sep 07 j 13:12	11°♋17'15	
direct	-8100 Sep 23 j 17:33	6°♋08'15	
greatest brilliancy	-8100 Oct 03 j 18:14	8°♋03'49	-4.9m
asc. node	-8100 Oct 13 j 15:35	13°♋05'39	
	-8100 Nov 03 j 15:54	0°♌	
morning max el	-8100 Nov 12 j 23:09	9°♌02'53	46°29'07
	-8100 Dec 02 j 20:04	0°♍	
	-8100 Dec 29 j 14:01	0°♎	
	-8099 Jan 24 j 12:45	0°♏	
desc. node	-8099 Feb 03 j 06:13	11°♏23'14	
	-8099 Feb 19 j 00:46	0°♐	
	-8099 Mar 16 j 03:42	0°♑	
	-8099 Apr 09 j 21:55	0°♒	
	-8099 May 04 j 08:10	0°♓	
morning set	-8099 May 10 j 17:02	7°♓53'01	
asc. node	-8099 May 26 j 06:21	27°♓13'33	
	-8099 May 28 j 11:43	0°♈	
max. Earth dist.	-8099 Jun 12 j 05:37	18°♈27'10	1.71649 AU
superior conj	-8099 Jun 16 j 04:38	23°♈25'17	0°46'15
minimum elong	-8099 Jun 15 j 20:22	22°♈59'19	0°46'04
	-8099 Jun 21 j 10:20	0°♉	
	-8099 Jul 15 j 06:16	0°♊	
evening rise	-8099 Jul 24 j 05:05	11°♊16'37	
	-8099 Aug 08 j 02:05	0°♋	
	-8099 Sep 01 j 00:10	0°♌	
desc. node	-8099 Sep 15 j 16:47	18°♌19'40	
	-8099 Sep 25 j 02:22	0°♍	
	-8099 Oct 19 j 10:16	0°♎	
	-8099 Nov 13 j 02:26	0°♏	
	-8099 Dec 08 j 09:10	0°♐	
	-8098 Jan 03 j 21:51	0°♑	
asc. node	-8098 Jan 05 j 21:03	2°♑07'56	
evening max el	-8098 Jan 27 j 06:44	24°♑03'11	44°59'20
	-8098 Feb 02 j 16:17	0°♒	
greatest brilliancy	-8098 Mar 05 j 21:59	21°♒10'07	-4.7m
retrograde	-8098 Mar 16 j 07:28	23°♒05'44	
evening set	-8098 Apr 01 j 07:08	18°♒18'26	
inferior conj	-8098 Apr 06 j 16:42	15°♒06'10	4°42'23
minimum elong	-8098 Apr 07 j 01:09	14°♒53'09	4°40'00
min. Earth dist.	-8098 Apr 07 j 20:39	14°♒23'09	0.28808 AU
morning rise	-8098 Apr 12 j 18:18	11°♒29'04	
direct	-8098 Apr 28 j 12:05	6°♒46'32	
desc. node	-8098 Apr 28 j 14:07	6°♒46'33	
greatest brilliancy	-8098 May 09 j 23:03	9°♒06'22	-4.8m
	-8098 Jun 08 j 22:29	0°♓	
morning max el	-8098 Jun 17 j 07:23	7°♓57'18	46°25'15
	-8098 Jul 08 j 06:53	0°♈	
	-8098 Aug 03 j 09:14	0°♉	
asc. node	-8098 Aug 18 j 19:15	18°♉31'12	
	-8098 Aug 28 j 04:47	0°♊	
	-8098 Sep 21 j 10:43	0°♋	
	-8098 Oct 15 j 12:37	0°♌	
	-8098 Nov 08 j 16:02	0°♍	
	-8098 Dec 02 j 23:02	0°♎	
desc. node	-8098 Dec 09 j 06:17	7°♎45'11	
morning set	-8098 Dec 23 j 08:00	25°♎02'23	
	-8098 Dec 27 j 09:00	0°♏	
	-8097 Jan 20 j 20:09	0°♐	
max. Earth dist.	-8097 Jan 30 j 04:59	11°♐29'27	1.73710 AU
superior conj	-8097 Jan 30 j 20:58	12°♐18'30	-1°21'10
minimum elong	-8097 Jan 30 j 19:03	12°♐12'36	1°21'40
	-8097 Feb 14 j 07:03	0°♑	
evening rise	-8097 Mar 08 j 00:30	26°♑40'39	
greatest brilliancy	-8097 Mar 08 j 12:45	27°♑18'15	-3.9m
	-8097 Mar 10 j 17:27	0°♒	
asc. node	-8097 Mar 31 j 06:05	25°♒12'07	
	-8097 Apr 04 j 03:56	0°♓	
	-8097 Apr 28 j 15:24	0°♈	
	-8097 May 23 j 04:52	0°♉	
	-8097 Jun 16 j 22:09	0°♊	
	-8097 Jul 11 j 23:08	0°♋	
desc. node	-8097 Jul 21 j 19:28	11°♋37'01	
	-8097 Aug 06 j 16:22	0°♌	
	-8097 Sep 03 j 00:43	0°♍	
evening max el	-8097 Sep 05 j 13:29	2°♍36'15	47°38'34
	-8097 Oct 07 j 06:20	0°♎	
greatest brilliancy	-8097 Oct 16 j 08:49	4°♎40'30	-4.9m
retrograde	-8097 Oct 26 j 19:51	6°♎47'59	
evening set	-8097 Nov 10 j 13:42	2°♎19'48	
asc. node	-8097 Nov 11 j 02:19	2°♎01'49	
	-8097 Nov 14 j 10:44	30°℞♍	
min. Earth dist.	-8097 Nov 15 j 21:25	29°♍05'05	0.27668 AU
inferior conj	-8097 Nov 16 j 17:59	28°♍32'18	1°22'13
minimum elong	-8097 Nov 16 j 15:07	28°♍36'52	1°21'27
morning rise	-8097 Nov 22 j 17:29	24°♍53'36	
direct	-8097 Dec 07 j 10:02	20°♍31'45	
greatest brilliancy	-8097 Dec 16 j 10:17	22°♍03'35	-4.8m
	-8097 Dec 31 j 14:32	0°♎	
morning max el	-8096 Jan 25 j 09:21	20°♎53'01	46°00'02
	-8096 Feb 03 j 15:45	0°♏	
desc. node	-8096 Mar 02 j 18:17	29°♏50'52	
	-8096 Mar 02 j 21:35	0°♐	
	-8096 Mar 29 j 09:43	0°♑	
	-8096 Apr 23 j 22:33	0°♒	
	-8096 May 18 j 19:05	0°♓	
	-8096 Jun 12 j 03:27	0°♈	
asc. node	-8096 Jun 22 j 19:46	13°♈18'39	
	-8096 Jul 06 j 03:08	0°♉	
greatest brilliancy	-8096 Jul 16 j 17:28	13°♉21'13	-3.9m
morning set	-8096 Jul 19 j 21:29	17°♉21'06	
	-8096 Jul 29 j 21:37	0°♊	
	-8096 Aug 22 j 14:33	0°♋	
superior conj	-8096 Aug 29 j 00:05	8°♋05'07	1°19'07
minimum elong	-8096 Aug 29 j 06:59	8°♋26'55	1°19'33
max. Earth dist.	-8096 Sep 02 j 01:47	13°♋13'39	1.70802 AU
	-8096 Sep 15 j 09:08	0°♌	
	-8096 Oct 09 j 07:25	0°♍	
evening rise	-8096 Oct 10 j 23:22	2°♍04'44	
desc. node	-8096 Oct 13 j 05:36	4°♍53'53	
	-8096 Nov 02 j 10:06	0°♎	
	-8096 Nov 26 j 17:16	0°♏	
	-8096 Dec 21 j 05:47	0°♐	
	-8095 Jan 15 j 02:43	0°♑	
asc. node	-8095 Feb 02 j 08:08	21°♑33'26	
	-8095 Feb 09 j 14:09	0°♒	
	-8095 Mar 08 j 03:09	0°♓	
	-8095 Apr 05 j 21:38	0°♈	
evening max el	-8095 Apr 09 j 04:10	3°♈08'50	45°31'22
	-8095 May 15 j 05:40	0°♉	
greatest brilliancy	-8095 May 18 j 03:17	1°♉06'33	-4.8m

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

desc. node	-8095 May 26 j 00:44	2°♉48'05	
retrograde	-8095 May 28 j 03:15	2°♉53'05	
	-8095 Jun 09 j 09:17	30°℞♈	
evening set	-8095 Jun 12 j 02:57	28°♈38'57	
inferior conj	-8095 Jun 18 j 00:41	25°♈15'44	-5°13'44
minimum elong	-8095 Jun 17 j 14:45	25°♈30'33	5°11'07
min. Earth dist.	-8095 Jun 18 j 04:22	25°♈10'14	0.27079 AU
morning rise	-8095 Jun 23 j 02:10	22°♈19'19	
direct	-8095 Jul 08 j 23:23	17°♈32'46	
greatest brilliancy	-8095 Jul 19 j 22:43	19°♈46'44	-4.9m
	-8095 Aug 05 j 23:12	0°♉	
morning max el	-8095 Aug 28 j 14:50	20°♉41'18	46°46'51
	-8095 Sep 06 j 11:49	0°♊	
asc. node	-8095 Sep 15 j 06:56	9°♊38'59	
	-8095 Oct 03 j 01:20	0°♋	
	-8095 Oct 28 j 07:09	0°♌	
	-8095 Nov 22 j 03:36	0°♍	
	-8095 Dec 16 j 22:41	0°♎	
desc. node	-8094 Jan 05 j 19:29	24°♎01'38	
	-8094 Jan 10 j 17:58	0°♏	
	-8094 Feb 04 j 12:05	0°♐	
	-8094 Mar 01 j 03:15	0°♑	
morning set	-8094 Mar 03 j 02:34	2°♑24'33	
	-8094 Mar 25 j 14:36	0°♒	
max. Earth dist.	-8094 Apr 03 j 20:56	11°♒24'20	1.73355 AU
superior conj	-8094 Apr 07 j 13:11	15°♒56'24	-0°44'29
minimum elong	-8094 Apr 07 j 20:24	16°♒18'39	0°44'36
	-8094 Apr 18 j 22:17	0°♓	
asc. node	-8094 Apr 27 j 19:15	10°♓59'17	
evening rise	-8094 May 13 j 00:33	29°♓52'28	
	-8094 May 13 j 02:58	0°♈	
	-8094 Jun 06 j 05:42	0°♉	
	-8094 Jun 30 j 07:57	0°♊	
	-8094 Jul 24 j 11:52	0°♋	
	-8094 Aug 17 j 20:08	0°♌	
desc. node	-8094 Aug 18 j 06:49	0°♌32'45	
	-8094 Sep 11 j 12:18	0°♍	
	-8094 Oct 06 j 18:54	0°♎	
	-8094 Nov 02 j 09:00	0°♏	
evening max el	-8094 Nov 15 j 05:28	13°♏26'01	46°10'54
	-8094 Dec 03 j 03:44	0°♐	
asc. node	-8094 Dec 08 j 12:47	4°♐13'11	
greatest brilliancy	-8094 Dec 23 j 19:18	13°♐09'39	-4.8m
retrograde	-8093 Jan 03 j 22:38	15°♐27'34	
evening set	-8093 Jan 21 j 06:06	9°♐37'45	
inferior conj	-8093 Jan 25 j 08:30	7°♐02'07	7°55'07
minimum elong	-8093 Jan 25 j 04:38	7°♐08'19	7°54'25
min. Earth dist.	-8093 Jan 25 j 04:43	7°♐08'12	0.29476 AU
morning rise	-8093 Jan 29 j 03:20	4°♐38'11	
	-8093 Feb 07 j 12:28	30°℞♏	
direct	-8093 Feb 16 j 02:30	28°♏32'30	
	-8093 Feb 25 j 01:38	0°♐	
greatest brilliancy	-8093 Feb 25 j 11:59	0°♐08'18	-4.7m
desc. node	-8093 Mar 31 j 05:33	22°♐55'07	
morning max el	-8093 Apr 05 j 22:24	28°♐13'11	45°57'10
	-8093 Apr 07 j 18:59	0°♑	
	-8093 May 06 j 14:01	0°♒	
	-8093 Jun 01 j 21:31	0°♓	
	-8093 Jun 26 j 23:51	0°♈	
asc. node	-8093 Jul 21 j 08:49	0°♉00'13	
	-8093 Jul 21 j 08:45	0°♉	
	-8093 Aug 14 j 07:30	0°♊	
	-8093 Sep 07 j 02:02	0°♋	
	-8093 Sep 30 j 21:03	0°♌	
morning set	-8093 Oct 05 j 12:25	5°♌50'02	
	-8093 Oct 24 j 19:30	0°♍	

desc. node	-8093 Nov 10 j 18:56	21°♍08'41	
superior conj	-8093 Nov 16 j 20:08	28°♍39'13	-0°13'45
minimum elong	-8093 Nov 16 j 16:36	28°♍28'14	0°13'31
behind sun begin	-8093 Nov 16 j 01:44	27°♍42'08	
behind sun end	-8093 Nov 17 j 07:28	29°♍14'20	
	-8093 Nov 17 j 22:12	0°♎	
max. Earth dist.	-8093 Nov 21 j 23:41	5°♎02'01	1.72392 AU
	-8093 Dec 12 j 04:29	0°♏	
evening rise	-8093 Dec 27 j 05:03	18°♏30'20	
	-8092 Jan 05 j 13:26	0°♐	
	-8092 Jan 30 j 01:07	0°♑	
	-8092 Feb 23 j 16:53	0°♒	
asc. node	-8092 Mar 01 j 19:51	8°♒36'54	
	-8092 Mar 19 j 15:01	0°♓	
	-8092 Apr 13 j 22:23	0°♈	
	-8092 May 09 j 20:00	0°♉	
	-8092 Jun 05 j 21:17	0°♊	
evening max el	-8092 Jun 21 j 19:43	16°♊27'41	47°11'02
desc. node	-8092 Jun 22 j 11:00	17°♊05'28	
	-8092 Jul 06 j 07:24	0°♋	
greatest brilliancy	-8092 Aug 02 j 06:58	17°♋25'56	-4.9m
retrograde	-8092 Aug 11 j 08:26	18°♋59'24	
evening set	-8092 Aug 28 j 19:45	13°♋09'39	
inferior conj	-8092 Sep 01 j 00:48	11°♋12'52	-8°18'20
minimum elong	-8092 Sep 01 j 08:35	11°♋00'57	8°16'50
min. Earth dist.	-8092 Aug 31 j 20:30	11°♋19'28	0.26574 AU
morning rise	-8092 Sep 04 j 21:27	8°♋53'30	
direct	-8092 Sep 21 j 05:18	3°♋38'28	
greatest brilliancy	-8092 Oct 01 j 08:01	5°♋35'35	-4.9m
asc. node	-8092 Oct 12 j 17:57	11°♋37'22	
	-8092 Nov 03 j 19:08	0°♌	
morning max el	-8092 Nov 10 j 12:07	6°♌36'00	46°30'14
	-8092 Dec 02 j 13:49	0°♍	
	-8092 Dec 29 j 04:36	0°♎	
	-8091 Jan 24 j 01:45	0°♏	
desc. node	-8091 Feb 02 j 08:17	10°♏52'16	
	-8091 Feb 18 j 12:51	0°♐	
	-8091 Mar 15 j 15:14	0°♑	
	-8091 Apr 09 j 09:07	0°♒	
	-8091 May 03 j 19:12	0°♓	
morning set	-8091 May 08 j 11:36	5°♓47'39	
asc. node	-8091 May 25 j 08:31	26°♓46'01	
	-8091 May 27 j 22:43	0°♈	
max. Earth dist.	-8091 Jun 09 j 22:02	16°♈13'36	1.71707 AU
superior conj	-8091 Jun 13 j 21:10	21°♈11'52	0°43'29
minimum elong	-8091 Jun 13 j 13:14	20°♈47'00	0°43'17
	-8091 Jun 20 j 21:23	0°♉	
	-8091 Jul 14 j 17:27	0°♊	
evening rise	-8091 Jul 21 j 18:08	8°♊51'15	
	-8091 Aug 07 j 13:25	0°♋	
	-8091 Aug 31 j 11:42	0°♌	
desc. node	-8091 Sep 14 j 18:58	17°♌50'07	
	-8091 Sep 24 j 14:09	0°♍	
	-8091 Oct 18 j 22:24	0°♎	
	-8091 Nov 12 j 15:09	0°♏	
	-8091 Dec 07 j 23:03	0°♐	
	-8090 Jan 03 j 14:30	0°♑	
asc. node	-8090 Jan 04 j 23:14	1°♑28'14	
evening max el	-8090 Jan 24 j 22:13	21°♑51'42	45°00'18
	-8090 Feb 02 j 18:45	0°♒	
greatest brilliancy	-8090 Mar 03 j 12:16	18°♒59'24	-4.7m
retrograde	-8090 Mar 13 j 23:39	20°♒56'35	
evening set	-8090 Mar 30 j 01:19	16°♒05'05	
inferior conj	-8090 Apr 04 j 08:35	12°♒55'40	4°57'43
minimum elong	-8090 Apr 04 j 17:14	12°♒42'19	4°55'21

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

min. Earth dist.	-8090 Apr 05 j 12:10	12°♒13'10	0.28871 AU
morning rise	-8090 Apr 10 j 08:23	9°♒21'02	
direct	-8090 Apr 26 j 04:44	4°♒34'53	
desc. node	-8090 Apr 27 j 16:26	4°♒37'26	
greatest brilliancy	-8090 May 07 j 14:28	6°♒53'59	-4.8m
	-8090 Jun 09 j 00:21	0°♓	
morning max el	-8090 Jun 15 j 00:17	5°♓45'26	46°24'15
	-8090 Jul 07 j 23:53	0°♈	
	-8090 Aug 02 j 23:30	0°♉	
asc. node	-8090 Aug 17 j 21:23	17°♉56'58	
	-8090 Aug 27 j 17:48	0°♊	
	-8090 Sep 20 j 23:03	0°♋	
	-8090 Oct 15 j 00:33	0°♌	
	-8090 Nov 08 j 03:41	0°♍	
	-8090 Dec 02 j 10:29	0°♎	
desc. node	-8090 Dec 08 j 08:16	7°♎16'19	
morning set	-8090 Dec 20 j 21:18	22°♎41'09	
	-8090 Dec 26 j 20:16	0°♏	
	-8089 Jan 20 j 07:17	0°♐	
max. Earth dist.	-8089 Jan 28 j 02:06	9°♐33'00	1.73694 AU
superior conj	-8089 Jan 28 j 14:03	10°♐09'41	-1°20'48
minimum elong	-8089 Jan 28 j 11:28	10°♐01'44	1°21'16
	-8089 Feb 13 j 18:06	0°♑	
evening rise	-8089 Mar 05 j 19:30	24°♑37'34	
greatest brilliancy	-8089 Mar 07 j 03:14	26°♑14'58	-3.9m
	-8089 Mar 10 j 04:33	0°♒	
asc. node	-8089 Mar 30 j 08:22	24°♒44'30	
	-8089 Apr 03 j 15:16	0°♓	
	-8089 Apr 28 j 03:08	0°♈	
	-8089 May 22 j 17:10	0°♉	
	-8089 Jun 16 j 11:13	0°♊	
	-8089 Jul 11 j 13:24	0°♋	
desc. node	-8089 Jul 20 j 21:37	10°♋59'33	
	-8089 Aug 06 j 08:48	0°♌	
	-8089 Sep 02 j 22:37	0°♍	
evening max el	-8089 Sep 03 j 06:06	0°♍19'06	47°40'14
	-8089 Oct 08 j 22:42	0°♎	
greatest brilliancy	-8089 Oct 14 j 01:02	2°♎20'40	-4.9m
retrograde	-8089 Oct 24 j 12:04	4°♎27'41	
evening set	-8089 Nov 08 j 05:09	29°♍59'47	
	-8089 Nov 08 j 05:00	30°℞♍	
asc. node	-8089 Nov 10 j 04:31	28°♍50'26	
min. Earth dist.	-8089 Nov 13 j 12:35	26°♍45'27	0.27601 AU
inferior conj	-8089 Nov 14 j 09:10	26°♍12'40	1°01'18
minimum elong	-8089 Nov 14 j 07:00	26°♍16'06	1°00'45
morning rise	-8089 Nov 20 j 09:55	22°♍32'46	
direct	-8089 Dec 05 j 00:59	18°♍13'26	
greatest brilliancy	-8089 Dec 14 j 00:45	19°♍45'22	-4.8m
	-8088 Jan 01 j 09:59	0°♎	
morning max el	-8088 Jan 23 j 01:25	18°♎41'12	46°00'32
	-8088 Feb 03 j 11:34	0°♏	
desc. node	-8088 Mar 01 j 20:28	29°♏14'50	
	-8088 Mar 02 j 12:46	0°♐	
	-8088 Mar 28 j 22:58	0°♑	
	-8088 Apr 23 j 10:49	0°♒	
	-8088 May 18 j 06:49	0°♓	
	-8088 Jun 11 j 14:56	0°♈	
asc. node	-8088 Jun 21 j 21:47	12°♈49'16	
	-8088 Jul 05 j 14:31	0°♉	
greatest brilliancy	-8088 Jul 15 j 18:53	12°♉49'50	-3.9m
morning set	-8088 Jul 17 j 10:33	14°♉54'57	
	-8088 Jul 29 j 09:00	0°♊	
	-8088 Aug 22 j 01:57	0°♋	
superior conj	-8088 Aug 26 j 10:01	5°♋28'52	1°20'15
minimum elong	-8088 Aug 26 j 15:58	5°♋47'41	1°20'43
max. Earth dist.	-8088 Aug 30 j 05:48	10°♋18'47	1.70776 AU
	-8088 Sep 14 j 20:33	0°♌	
evening rise	-8088 Oct 08 j 07:18	29°♌23'55	
	-8088 Oct 08 j 18:51	0°♍	
desc. node	-8088 Oct 12 j 07:50	4°♍25'12	
	-8088 Nov 01 j 21:35	0°♎	
	-8088 Nov 26 j 04:50	0°♏	
	-8088 Dec 20 j 17:37	0°♐	
	-8087 Jan 14 j 15:09	0°♑	
asc. node	-8087 Feb 01 j 10:17	21°♑01'07	
	-8087 Feb 09 j 03:47	0°♒	
	-8087 Mar 07 j 19:21	0°♓	
	-8087 Apr 05 j 20:54	0°♈	
evening max el	-8087 Apr 06 j 18:19	0°♈51'02	45°28'33
greatest brilliancy	-8087 May 15 j 15:35	28°♈43'17	-4.8m
	-8087 May 20 j 11:19	0°♉	
desc. node	-8087 May 25 j 02:50	0°♉29'00	
retrograde	-8087 May 25 j 14:59	0°♉29'18	
	-8087 May 30 j 15:48	30°℞♈	
evening set	-8087 Jun 09 j 13:10	26°♈18'37	
inferior conj	-8087 Jun 15 j 13:23	22°♈52'01	-4°54'36
minimum elong	-8087 Jun 15 j 03:48	23°♈06'21	4°52'00
min. Earth dist.	-8087 Jun 15 j 18:18	22°♈44'39	0.27119 AU
morning rise	-8087 Jun 20 j 17:56	19°♈50'56	
direct	-8087 Jul 06 j 12:44	15°♈08'09	
greatest brilliancy	-8087 Jul 17 j 13:19	17°♈22'36	-4.9m
	-8087 Aug 06 j 14:05	0°♉	
morning max el	-8087 Aug 26 j 02:56	18°♉10'42	46°46'41
	-8087 Sep 06 j 07:46	0°♊	
asc. node	-8087 Sep 14 j 09:14	8°♊54'35	
	-8087 Oct 02 j 17:01	0°♋	
	-8087 Oct 27 j 21:00	0°♌	
	-8087 Nov 21 j 16:25	0°♍	
	-8087 Dec 16 j 10:50	0°♎	
desc. node	-8086 Jan 04 j 21:35	23°♎32'29	
	-8086 Jan 10 j 05:38	0°♏	
	-8086 Feb 03 j 23:25	0°♐	
morning set	-8086 Feb 28 j 21:16	0°♑21'01	
	-8086 Feb 28 j 14:23	0°♑	
	-8086 Mar 25 j 01:40	0°♒	
max. Earth dist.	-8086 Apr 01 j 15:58	9°♒21'02	1.73396 AU
superior conj	-8086 Apr 05 j 08:41	13°♒54'26	-0°46'55
minimum elong	-8086 Apr 05 j 16:07	14°♒17'20	0°47'03
	-8086 Apr 18 j 09:23	0°♓	
asc. node	-8086 Apr 26 j 21:22	10°♓31'21	
evening rise	-8086 May 10 j 19:22	27°♓47'00	
	-8086 May 12 j 14:12	0°♈	
	-8086 Jun 05 j 17:09	0°♉	
	-8086 Jun 29 j 19:44	0°♊	
	-8086 Jul 24 j 00:03	0°♋	
desc. node	-8086 Aug 17 j 09:02	0°♌00'31	
	-8086 Aug 17 j 08:52	0°♌	
	-8086 Sep 11 j 01:50	0°♍	
	-8086 Oct 06 j 09:50	0°♎	
	-8086 Nov 02 j 03:20	0°♏	
evening max el	-8086 Nov 12 j 20:19	11°♏08'29	46°14'29
	-8086 Dec 03 j 13:25	0°♐	
asc. node	-8086 Dec 07 j 14:57	3°♐03'55	
greatest brilliancy	-8086 Dec 21 j 13:20	11°♐02'19	-4.8m
retrograde	-8085 Jan 01 j 15:56	13°♐20'16	
evening set	-8085 Jan 18 j 21:51	7°♐33'00	
inferior conj	-8085 Jan 23 j 02:04	4°♐54'37	7°51'06
minimum elong	-8085 Jan 22 j 21:37	5°♐01'47	7°50'20
min. Earth dist.	-8085 Jan 22 j 21:18	5°♐02'18	0.29445 AU
morning rise	-8085 Jan 26 j 21:31	2°♐29'33	
	-8085 Jan 31 j 06:46	30°℞♏	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

direct	-8085 Feb 13 j 18:50	26°♏25'25		
greatest brilliancy	-8085 Feb 23 j 04:04	28°♏00'38	-4.7m	
	-8085 Feb 28 j 04:25	0°♐		
desc. node	-8085 Mar 30 j 07:51	22°♐03'54		
morning max el	-8085 Apr 03 j 13:53	26°♐02'16	45°56'37	
	-8085 Apr 07 j 16:24	0°♑		
	-8085 May 06 j 05:38	0°♒		
	-8085 Jun 01 j 11:03	0°♓		
	-8085 Jun 26 j 12:23	0°♈		
asc. node	-8085 Jul 20 j 11:00	29°♈29'40		
	-8085 Jul 20 j 20:46	0°♉		
	-8085 Aug 13 j 19:14	0°♊		
	-8085 Sep 06 j 13:37	0°♋		
	-8085 Sep 30 j 08:32	0°♌		
morning set	-8085 Oct 02 j 21:49	3°♌12'42		
	-8085 Oct 24 j 06:54	0°♍		
desc. node	-8085 Nov 09 j 20:55	20°♍39'38		
superior conj	-8085 Nov 14 j 06:24	26°♍07'05	-0°10'01	
minimum elong	-8085 Nov 14 j 03:48	25°♍59'01	0°09'47	
behind sun begin	-8085 Nov 13 j 06:17	24°♍52'15		
behind sun end	-8085 Nov 15 j 01:19	27°♍05'47		
	-8085 Nov 17 j 09:30	0°♎		
max. Earth dist.	-8085 Nov 19 j 12:29	2°♎38'00	1.72323 AU	
	-8085 Dec 11 j 15:42	0°♏		
evening rise	-8085 Dec 24 j 19:44	16°♏13'19		
	-8084 Jan 05 j 00:39	0°♐		
	-8084 Jan 29 j 12:26	0°♑		
	-8084 Feb 23 j 04:32	0°♒		
asc. node	-8084 Feb 29 j 22:10	8°♒08'20		
	-8084 Mar 19 j 03:17	0°♓		
	-8084 Apr 13 j 11:46	0°♈		
	-8084 May 09 j 11:22	0°♉		
	-8084 Jun 05 j 16:51	0°♊		
evening max el	-8084 Jun 19 j 07:50	13°♊59'03	47°07'52	
desc. node	-8084 Jun 21 j 13:11	16°♊09'57		
	-8084 Jul 06 j 18:03	0°♋		
greatest brilliancy	-8084 Jul 30 j 19:18	14°♋54'41	-4.9m	
retrograde	-8084 Aug 08 j 20:27	16°♋28'03		
evening set	-8084 Aug 26 j 10:24	10°♋34'43		
inferior conj	-8084 Aug 29 j 12:55	8°♋42'08	-8°27'07	
minimum elong	-8084 Aug 29 j 20:00	8°♋31'19	8°25'49	
min. Earth dist.	-8084 Aug 29 j 08:51	8°♋48'20	0.26573 AU	
morning rise	-8084 Sep 02 j 05:36	6°♋28'54		
direct	-8084 Sep 18 j 17:15	1°♋07'44		
greatest brilliancy	-8084 Sep 28 j 21:20	3°♋06'17	-4.9m	
asc. node	-8084 Oct 11 j 20:11	10°♋11'31		
	-8084 Nov 03 j 21:00	0°♌		
morning max el	-8084 Nov 08 j 01:54	4°♌10'52	46°31'23	
	-8084 Dec 02 j 07:14	0°♍		
	-8084 Dec 28 j 19:03	0°♎		
	-8083 Jan 23 j 14:41	0°♏		
desc. node	-8083 Feb 01 j 10:27	10°♏21'40		
	-8083 Feb 18 j 00:54	0°♐		
	-8083 Mar 15 j 02:44	0°♑		
	-8083 Apr 08 j 20:18	0°♒		
	-8083 May 03 j 06:14	0°♓		
morning set	-8083 May 06 j 06:26	3°♓43'12		
asc. node	-8083 May 24 j 10:35	26°♓18'06		
	-8083 May 27 j 09:45	0°♈		
max. Earth dist.	-8083 Jun 07 j 13:52	13°♈58'03	1.71772 AU	
superior conj	-8083 Jun 11 j 13:45	18°♈58'31	0°40'38	
minimum elong	-8083 Jun 11 j 06:14	18°♈34'57	0°40'26	
	-8083 Jun 20 j 08:32	0°♉		
	-8083 Jul 14 j 04:45	0°♊		
evening rise	-8083 Jul 19 j 07:06	6°♊25'15		
	-8083 Aug 07 j 00:53	0°♋		
	-8083 Aug 30 j 23:19	0°♌		
desc. node	-8083 Sep 13 j 21:09	17°♌20'22		
	-8083 Sep 24 j 01:59	0°♍		
	-8083 Oct 18 j 10:34	0°♎		
	-8083 Nov 12 j 03:55	0°♏		
	-8083 Dec 07 j 12:59	0°♐		
	-8082 Jan 03 j 07:21	0°♑		
asc. node	-8082 Jan 04 j 01:30	0°♑48'38		
evening max el	-8082 Jan 22 j 14:39	19°♑42'52	45°01'22	
	-8082 Feb 02 j 22:33	0°♒		
greatest brilliancy	-8082 Mar 01 j 03:13	16°♒50'35	-4.7m	
retrograde	-8082 Mar 11 j 16:05	18°♒48'47		
evening set	-8082 Mar 27 j 19:55	13°♒53'26		
inferior conj	-8082 Apr 02 j 00:49	10°♒46'43	5°12'21	
minimum elong	-8082 Apr 02 j 09:37	10°♒33'08	5°10'01	
min. Earth dist.	-8082 Apr 03 j 03:47	10°♒05'06	0.28930 AU	
morning rise	-8082 Apr 07 j 22:41	7°♒14'36		
direct	-8082 Apr 23 j 22:01	2°♒25'05		
desc. node	-8082 Apr 26 j 18:27	2°♒34'24		
greatest brilliancy	-8082 May 05 j 05:30	4°♒42'30	-4.8m	
	-8082 Jun 09 j 00:39	0°♓		
morning max el	-8082 Jun 12 j 16:58	3°♓33'52	46°22'57	
	-8082 Jul 07 j 16:26	0°♈		
	-8082 Aug 02 j 13:34	0°♉		
asc. node	-8082 Aug 16 j 23:40	17°♉23'25		
	-8082 Aug 27 j 06:45	0°♊		
	-8082 Sep 20 j 11:22	0°♋		
	-8082 Oct 14 j 12:26	0°♌		
	-8082 Nov 07 j 15:16	0°♍		
	-8082 Dec 01 j 21:48	0°♎		
desc. node	-8082 Dec 07 j 10:23	6°♎48'11		
morning set	-8082 Dec 18 j 10:29	20°♎19'58		
	-8082 Dec 26 j 07:23	0°♏		
	-8081 Jan 19 j 18:14	0°♐		
superior conj	-8081 Jan 26 j 07:10	8°♐01'22	-1°20'18	
minimum elong	-8081 Jan 26 j 03:54	7°♐51'21	1°20'44	
max. Earth dist.	-8081 Jan 26 j 00:46	7°♐41'46	1.73675 AU	
	-8081 Feb 13 j 05:00	0°♑		
evening rise	-8081 Mar 03 j 14:44	22°♑35'46		
greatest brilliancy	-8081 Mar 05 j 20:08	25°♑19'41	-3.9m	
	-8081 Mar 09 j 15:30	0°♒		
asc. node	-8081 Mar 29 j 10:31	24°♒17'03		
	-8081 Apr 03 j 02:24	0°♓		
	-8081 Apr 27 j 14:38	0°♈		
	-8081 May 22 j 05:14	0°♉		
	-8081 Jun 16 j 00:07	0°♊		
	-8081 Jul 11 j 03:37	0°♋		
desc. node	-8081 Jul 19 j 23:50	10°♋22'31		
	-8081 Aug 06 j 01:25	0°♌		
evening max el	-8081 Aug 31 j 22:51	28°♌02'08	47°41'28	
	-8081 Sep 02 j 21:22	0°♍		
greatest brilliancy	-8081 Oct 11 j 17:33	0°♎00'34	-4.9m	
	-8081 Oct 11 j 16:58	0°♎		
retrograde	-8081 Oct 22 j 03:46	2°♎06'17		
	-8081 Nov 01 j 02:43	30°℞♍		
evening set	-8081 Nov 05 j 20:33	27°♍38'52		
asc. node	-8081 Nov 09 j 06:40	25°♍35'56		
min. Earth dist.	-8081 Nov 11 j 03:46	24°♍24'41	0.27530 AU	
inferior conj	-8081 Nov 12 j 00:05	23°♍52'20	0°39'59	
minimum elong	-8081 Nov 11 j 22:40	23°♍54'35	0°39'39	
morning rise	-8081 Nov 18 j 01:53	20°♍11'14		
direct	-8081 Dec 02 j 15:38	15°♍54'39		
greatest brilliancy	-8081 Dec 11 j 15:08	17°♍26'36	-4.8m	
	-8080 Jan 02 j 00:26	0°♎		
morning max el	-8080 Jan 20 j 16:32	16°♎27'27	46°01'12	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8080 Feb 03 j 06:35	0°♏	
desc. node	-8080 Feb 29 j 22:42	28°♏40'05	
	-8080 Mar 02 j 03:27	0°♐	
	-8080 Mar 28 j 11:49	0°♑	
	-8080 Apr 22 j 22:43	0°♒	
	-8080 May 17 j 18:14	0°♓	
	-8080 Jun 11 j 02:06	0°♈	
asc. node	-8080 Jun 21 j 00:02	12°♈21'39	
	-8080 Jul 05 j 01:35	0°♉	
greatest brilliancy	-8080 Jul 14 j 17:16	12°♉09'50	-3.9m
morning set	-8080 Jul 15 j 00:13	12°♉31'49	
	-8080 Jul 28 j 20:03	0°♊	
	-8080 Aug 21 j 13:03	0°♋	
superior conj	-8080 Aug 23 j 20:20	2°♋54'43	1°21'12
minimum elong	-8080 Aug 24 j 01:20	3°♋10'30	1°21'42
max. Earth dist.	-8080 Aug 27 j 07:06	7°♋16'08	1.70763 AU
	-8080 Sep 14 j 07:44	0°♌	
evening rise	-8080 Oct 05 j 14:50	26°♌42'19	
	-8080 Oct 08 j 06:07	0°♍	
desc. node	-8080 Oct 11 j 09:50	3°♍56'18	
	-8080 Nov 01 j 08:54	0°♎	
	-8080 Nov 25 j 16:15	0°♏	
	-8080 Dec 20 j 05:16	0°♐	
	-8079 Jan 14 j 03:22	0°♑	
asc. node	-8079 Jan 31 j 12:36	20°♑29'58	
	-8079 Feb 08 j 17:14	0°♒	
	-8079 Mar 07 j 11:29	0°♓	
evening max el	-8079 Apr 04 j 07:50	28°♓32'59	45°25'53
	-8079 Apr 05 j 20:43	0°♈	
greatest brilliancy	-8079 May 13 j 04:20	26°♈22'22	-4.8m
retrograde	-8079 May 23 j 03:00	28°♈08'04	
desc. node	-8079 May 24 j 05:04	28°♈06'43	
evening set	-8079 Jun 06 j 23:55	24°♈00'06	
inferior conj	-8079 Jun 13 j 02:25	20°♈30'45	-4°35'09
minimum elong	-8079 Jun 12 j 17:15	20°♈44'28	4°32'37
min. Earth dist.	-8079 Jun 13 j 08:46	20°♈21'15	0.27160 AU
morning rise	-8079 Jun 18 j 09:56	17°♈25'18	
direct	-8079 Jul 04 j 01:58	12°♈45'45	
greatest brilliancy	-8079 Jul 15 j 04:42	15°♈01'33	-4.9m
	-8079 Aug 07 j 00:30	0°♉	
morning max el	-8079 Aug 23 j 15:05	15°♉41'45	46°46'31
	-8079 Sep 06 j 02:39	0°♊	
asc. node	-8079 Sep 13 j 11:27	8°♊11'52	
	-8079 Oct 02 j 08:07	0°♋	
	-8079 Oct 27 j 10:27	0°♌	
	-8079 Nov 21 j 04:57	0°♍	
	-8079 Dec 15 j 22:43	0°♎	
desc. node	-8078 Jan 03 j 23:47	23°♎04'21	
	-8078 Jan 09 j 17:03	0°♏	
	-8078 Feb 03 j 10:28	0°♐	
morning set	-8078 Feb 26 j 15:41	28°♐17'34	
	-8078 Feb 28 j 01:13	0°♑	
	-8078 Mar 24 j 12:25	0°♒	
max. Earth dist.	-8078 Mar 30 j 12:19	7°♒22'50	1.73435 AU
superior conj	-8078 Apr 03 j 04:14	11°♒53'41	-0°49'17
minimum elong	-8078 Apr 03 j 11:51	12°♒17'09	0°49'27
	-8078 Apr 17 j 20:10	0°♓	
asc. node	-8078 Apr 25 j 23:26	10°♓04'18	
evening rise	-8078 May 08 j 14:31	25°♓43'40	
	-8078 May 12 j 01:08	0°♈	
	-8078 Jun 05 j 04:18	0°♉	
	-8078 Jun 29 j 07:11	0°♊	
	-8078 Jul 23 j 11:55	0°♋	
desc. node	-8078 Aug 16 j 11:15	29°♋29'25	
	-8078 Aug 16 j 21:15	0°♌	
	-8078 Sep 10 j 15:02	0°♍	
	-8078 Oct 06 j 00:34	0°♎	
	-8078 Nov 01 j 21:49	0°♏	
evening max el	-8078 Nov 10 j 11:09	8°♏51'34	46°17'54
	-8078 Dec 04 j 02:14	0°♐	
asc. node	-8078 Dec 06 j 17:18	1°♐53'29	
greatest brilliancy	-8078 Dec 19 j 06:46	8°♐54'16	-4.8m
retrograde	-8078 Dec 30 j 09:22	11°♐13'01	
evening set	-8077 Jan 16 j 13:16	5°♐28'17	
inferior conj	-8077 Jan 20 j 19:28	2°♐47'02	7°46'23
minimum elong	-8077 Jan 20 j 14:28	2°♐55'06	7°45'32
min. Earth dist.	-8077 Jan 20 j 13:38	2°♐56'27	0.29413 AU
morning rise	-8077 Jan 24 j 15:48	0°♐20'41	
	-8077 Jan 25 j 05:22	30°℞♏	
direct	-8077 Feb 11 j 11:01	24°♏18'10	
greatest brilliancy	-8077 Feb 20 j 20:07	25°♏53'15	-4.7m
	-8077 Mar 02 j 00:01	0°♐	
desc. node	-8077 Mar 29 j 09:54	21°♐13'46	
morning max el	-8077 Apr 01 j 05:57	23°♐53'32	45°56'15
	-8077 Apr 07 j 12:50	0°♑	
	-8077 May 05 j 20:42	0°♒	
	-8077 Jun 01 j 00:09	0°♓	
	-8077 Jun 26 j 00:33	0°♈	
asc. node	-8077 Jul 19 j 13:12	29°♈00'09	
	-8077 Jul 20 j 08:26	0°♉	
	-8077 Aug 13 j 06:39	0°♊	
	-8077 Sep 06 j 00:53	0°♋	
	-8077 Sep 29 j 19:42	0°♌	
morning set	-8077 Sep 30 j 07:42	0°♌37'45	
	-8077 Oct 23 j 17:58	0°♍	
desc. node	-8077 Nov 08 j 23:03	20°♍12'02	
superior conj	-8077 Nov 11 j 16:43	23°♍36'02	-0°06'16
minimum elong	-8077 Nov 11 j 15:06	23°♍30'58	0°06'04
behind sun begin	-8077 Nov 10 j 14:02	22°♍13'09	
behind sun end	-8077 Nov 12 j 16:09	24°♍48'46	
	-8077 Nov 16 j 20:30	0°♎	
max. Earth dist.	-8077 Nov 17 j 00:11	0°♎11'26	1.72260 AU
	-8077 Dec 11 j 02:40	0°♏	
evening rise	-8077 Dec 22 j 10:16	13°♏56'39	
	-8076 Jan 04 j 11:38	0°♐	
	-8076 Jan 28 j 23:34	0°♑	
	-8076 Feb 22 j 15:59	0°♒	
asc. node	-8076 Feb 29 j 00:19	7°♒39'48	
	-8076 Mar 18 j 15:23	0°♓	
	-8076 Apr 13 j 01:00	0°♈	
	-8076 May 09 j 02:40	0°♉	
	-8076 Jun 05 j 12:39	0°♊	
evening max el	-8076 Jun 16 j 20:54	11°♊33'55	47°04'43
desc. node	-8076 Jun 20 j 15:28	15°♊14'32	
	-8076 Jul 07 j 07:38	0°♋	
greatest brilliancy	-8076 Jul 28 j 06:57	12°♋23'49	-4.9m
retrograde	-8076 Aug 06 j 08:57	13°♋57'49	
evening set	-8076 Aug 24 j 00:51	8°♋01'06	
inferior conj	-8076 Aug 27 j 01:01	6°♋12'20	-8°34'56
minimum elong	-8076 Aug 27 j 07:23	6°♋02'39	8°33'46
min. Earth dist.	-8076 Aug 26 j 20:50	6°♋18'42	0.26573 AU
morning rise	-8076 Aug 30 j 13:55	4°♋05'04	
	-8076 Sep 08 j 04:01	30°℞♊	
direct	-8076 Sep 16 j 05:56	28°♊38'05	
	-8076 Sep 24 j 14:44	0°♋	
greatest brilliancy	-8076 Sep 26 j 10:07	0°♋37'20	-4.9m
asc. node	-8076 Oct 10 j 22:17	8°♋49'17	
	-8076 Nov 03 j 21:13	0°♌	
morning max el	-8076 Nov 05 j 16:17	1°♌48'06	46°32'32
	-8076 Dec 01 j 24:00	0°♍	
	-8076 Dec 28 j 09:04	0°♎	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8075 Jan 23 j 03:20	0°♏	
desc. node	-8075 Jan 31 j 12:36	9°♏51'43	
	-8075 Feb 17 j 12:45	0°♐	
	-8075 Mar 14 j 14:05	0°♑	
	-8075 Apr 08 j 07:21	0°♒	
	-8075 May 02 j 17:08	0°♓	
morning set	-8075 May 04 j 01:12	1°♓39'08	
asc. node	-8075 May 23 j 12:49	25°♓51'10	
	-8075 May 26 j 20:37	0°♈	
max. Earth dist.	-8075 Jun 05 j 04:38	11°♈39'55	1.71833 AU
superior conj	-8075 Jun 09 j 06:24	16°♈46'01	0°37'45
minimum elong	-8075 Jun 08 j 23:19	16°♈23'52	0°37'32
	-8075 Jun 19 j 19:30	0°♉	
	-8075 Jul 13 j 15:52	0°♊	
evening rise	-8075 Jul 16 j 20:18	4°♊00'35	
	-8075 Aug 06 j 12:11	0°♋	
	-8075 Aug 30 j 10:49	0°♌	
desc. node	-8075 Sep 12 j 23:12	16°♌50'31	
	-8075 Sep 23 j 13:43	0°♍	
	-8075 Oct 17 j 22:38	0°♎	
	-8075 Nov 11 j 16:34	0°♏	
	-8075 Dec 07 j 02:53	0°♐	
asc. node	-8074 Jan 03 j 03:46	0°♑09'01	
	-8074 Jan 03 j 00:23	0°♑	
evening max el	-8074 Jan 20 j 07:01	17°♑34'01	45°02'20
	-8074 Feb 03 j 04:12	0°♒	
greatest brilliancy	-8074 Feb 26 j 18:38	14°♒42'17	-4.7m
retrograde	-8074 Mar 09 j 08:03	16°♒40'42	
evening set	-8074 Mar 25 j 14:28	11°♒41'40	
inferior conj	-8074 Mar 30 j 16:59	8°♒37'38	5°26'38
minimum elong	-8074 Mar 31 j 01:51	8°♒23'53	5°24'20
min. Earth dist.	-8074 Mar 31 j 19:24	7°♒56'43	0.28987 AU
morning rise	-8074 Apr 05 j 12:42	5°♒08'02	
direct	-8074 Apr 21 j 15:09	0°♒15'13	
desc. node	-8074 Apr 25 j 20:43	0°♒35'32	
greatest brilliancy	-8074 May 02 j 20:21	2°♒30'32	-4.8m
	-8074 Jun 08 j 23:56	0°♓	
morning max el	-8074 Jun 10 j 08:42	1°♓20'00	46°21'45
	-8074 Jul 07 j 08:41	0°♈	
	-8074 Aug 02 j 03:28	0°♉	
asc. node	-8074 Aug 16 j 01:48	16°♉49'51	
	-8074 Aug 26 j 19:32	0°♊	
	-8074 Sep 19 j 23:32	0°♋	
	-8074 Oct 14 j 00:14	0°♌	
	-8074 Nov 07 j 02:47	0°♍	
	-8074 Dec 01 j 09:05	0°♎	
desc. node	-8074 Dec 06 j 12:35	6°♎20'25	
morning set	-8074 Dec 15 j 23:41	17°♎58'49	
	-8074 Dec 25 j 18:28	0°♏	
	-8073 Jan 19 j 05:09	0°♐	
superior conj	-8073 Jan 24 j 00:13	5°♐52'57	-1°19'40
minimum elong	-8073 Jan 23 j 20:18	5°♐40'55	1°20'06
max. Earth dist.	-8073 Jan 23 j 23:58	5°♐52'11	1.73652 AU
	-8073 Feb 12 j 15:52	0°♑	
evening rise	-8073 Mar 01 j 09:53	20°♑33'43	
greatest brilliancy	-8073 Mar 04 j 10:10	24°♑15'31	-3.9m
	-8073 Mar 09 j 02:27	0°♒	
asc. node	-8073 Mar 28 j 12:38	23°♒49'21	
	-8073 Apr 02 j 13:37	0°♓	
	-8073 Apr 27 j 02:15	0°♈	
	-8073 May 21 j 17:27	0°♉	
	-8073 Jun 15 j 13:11	0°♊	
	-8073 Jul 10 j 18:01	0°♋	
desc. node	-8073 Jul 19 j 02:02	9°♋44'59	
	-8073 Aug 05 j 18:21	0°♌	
evening max el	-8073 Aug 29 j 14:34	25°♌42'22	47°42'35
	-8073 Sep 02 j 21:06	0°♍	
greatest brilliancy	-8073 Oct 09 j 10:29	27°♍40'35	-4.9m
retrograde	-8073 Oct 19 j 18:53	29°♍44'15	
evening set	-8073 Nov 03 j 12:03	25°♍17'09	
asc. node	-8073 Nov 08 j 09:04	22°♍19'04	
min. Earth dist.	-8073 Nov 08 j 19:14	22°♍02'52	0.27462 AU
inferior conj	-8073 Nov 09 j 14:56	21°♍31'28	0°18'19
minimum elong	-8073 Nov 09 j 14:16	21°♍32'31	0°18'16
morning rise	-8073 Nov 15 j 17:36	17°♍49'10	
direct	-8073 Nov 30 j 05:52	13°♍35'14	
greatest brilliancy	-8073 Dec 09 j 06:01	15°♍07'38	-4.8m
	-8072 Jan 02 j 11:24	0°♎	
morning max el	-8072 Jan 18 j 06:42	14°♎10'50	46°01'58
	-8072 Feb 03 j 01:13	0°♏	
desc. node	-8072 Feb 29 j 00:44	28°♏04'44	
	-8072 Mar 01 j 18:04	0°♐	
	-8072 Mar 28 j 00:41	0°♑	
	-8072 Apr 22 j 10:44	0°♒	
	-8072 May 17 j 05:48	0°♓	
	-8072 Jun 10 j 13:28	0°♈	
asc. node	-8072 Jun 20 j 02:14	11°♈53'11	
	-8072 Jul 04 j 12:52	0°♉	
morning set	-8072 Jul 12 j 13:44	10°♉07'28	
	-8072 Jul 28 j 07:19	0°♊	
superior conj	-8072 Aug 21 j 06:36	0°♋19'48	1°21'59
minimum elong	-8072 Aug 21 j 10:36	0°♋32'25	1°22'29
	-8072 Aug 21 j 00:21	0°♋	
max. Earth dist.	-8072 Aug 24 j 05:05	4°♋02'28	1.70749 AU
	-8072 Sep 13 j 19:05	0°♌	
evening rise	-8072 Oct 02 j 22:15	23°♌59'48	
	-8072 Oct 07 j 17:31	0°♍	
desc. node	-8072 Oct 10 j 11:59	3°♍27'26	
	-8072 Oct 31 j 20:22	0°♎	
	-8072 Nov 25 j 03:51	0°♏	
	-8072 Dec 19 j 17:10	0°♐	
	-8071 Jan 13 j 15:52	0°♑	
asc. node	-8071 Jan 30 j 14:47	19°♑57'46	
	-8071 Feb 08 j 06:59	0°♒	
	-8071 Mar 07 j 04:06	0°♓	
evening max el	-8071 Apr 01 j 20:39	26°♓12'51	45°23'18
	-8071 Apr 05 j 21:58	0°♈	
greatest brilliancy	-8071 May 10 j 16:34	24°♈00'10	-4.8m
retrograde	-8071 May 20 j 15:11	25°♈46'15	
desc. node	-8071 May 23 j 07:20	25°♈38'01	
evening set	-8071 Jun 04 j 10:47	21°♈40'13	
inferior conj	-8071 Jun 10 j 15:22	18°♈08'30	-4°15'08
minimum elong	-8071 Jun 10 j 06:40	18°♈21'29	4°12'42
min. Earth dist.	-8071 Jun 10 j 23:05	17°♈56'56	0.27208 AU
morning rise	-8071 Jun 16 j 01:49	14°♈58'59	
direct	-8071 Jul 01 j 15:15	10°♈22'05	
greatest brilliancy	-8071 Jul 12 j 20:22	12°♈39'50	-4.9m
	-8071 Aug 07 j 08:42	0°♉	
morning max el	-8071 Aug 21 j 03:55	13°♉13'29	46°46'22
	-8071 Sep 05 j 21:29	0°♊	
asc. node	-8071 Sep 12 j 13:36	7°♊28'21	
	-8071 Oct 01 j 23:22	0°♋	
	-8071 Oct 27 j 00:06	0°♌	
	-8071 Nov 20 j 17:40	0°♍	
	-8071 Dec 15 j 10:49	0°♎	
desc. node	-8070 Jan 03 j 01:50	22°♎35'00	
	-8070 Jan 09 j 04:41	0°♏	
	-8070 Feb 02 j 21:47	0°♐	
morning set	-8070 Feb 24 j 10:03	26°♐13'00	
	-8070 Feb 27 j 12:20	0°♑	
	-8070 Mar 23 j 23:26	0°♒	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

max. Earth dist.	-8070 Mar 28 j 10:09	5°♒28'21	1.73471 AU
superior conj	-8070 Mar 31 j 23:53	9°♒52'23	-0°51'37
minimum elong	-8070 Apr 01 j 07:38	10°♒16'16	0°51'46
	-8070 Apr 17 j 07:13	0°♓	
asc. node	-8070 Apr 25 j 01:45	9°♓37'07	
evening rise	-8070 May 06 j 09:50	23°♓40'10	
	-8070 May 11 j 12:18	0°♈	
	-8070 Jun 04 j 15:45	0°♉	
	-8070 Jun 28 j 19:00	0°♊	
	-8070 Jul 23 j 00:11	0°♋	
desc. node	-8070 Aug 15 j 13:18	28°♋56'27	
	-8070 Aug 16 j 10:06	0°♌	
	-8070 Sep 10 j 04:45	0°♍	
	-8070 Oct 05 j 15:53	0°♎	
	-8070 Nov 01 j 17:12	0°♏	
evening max el	-8070 Nov 08 j 02:22	6°♏34'29	46°21'33
	-8070 Dec 04 j 20:09	0°♐	
asc. node	-8070 Dec 05 j 19:31	0°♐39'44	
greatest brilliancy	-8070 Dec 16 j 23:37	6°♐44'21	-4.8m
retrograde	-8070 Dec 28 j 03:09	9°♐04'29	
evening set	-8069 Jan 14 j 04:28	3°♐22'18	
min. Earth dist.	-8069 Jan 18 j 05:32	0°♐49'39	0.29377 AU
inferior conj	-8069 Jan 18 j 12:46	0°♐38'01	7°41'00
minimum elong	-8069 Jan 18 j 07:14	0°♐46'54	7°40'03
	-8069 Jan 19 j 12:26	30°℞♏	
morning rise	-8069 Jan 22 j 10:10	28°♏10'11	
direct	-8069 Feb 09 j 03:27	22°♏09'31	
greatest brilliancy	-8069 Feb 18 j 11:39	23°♏44'12	-4.7m
	-8069 Mar 03 j 06:31	0°♐	
desc. node	-8069 Mar 28 j 12:08	20°♐23'56	
morning max el	-8069 Mar 29 j 22:50	21°♐45'50	45°55'57
	-8069 Apr 07 j 09:01	0°♑	
	-8069 May 05 j 11:55	0°♒	
	-8069 May 31 j 13:27	0°♓	
	-8069 Jun 25 j 12:56	0°♈	
asc. node	-8069 Jul 18 j 15:19	28°♈29'35	
	-8069 Jul 19 j 20:22	0°♉	
	-8069 Aug 12 j 18:22	0°♊	
	-8069 Sep 05 j 12:30	0°♋	
morning set	-8069 Sep 27 j 17:13	28°♋00'19	
	-8069 Sep 29 j 07:15	0°♌	
	-8069 Oct 23 j 05:25	0°♍	
desc. node	-8069 Nov 08 j 01:16	19°♍43'27	
superior conj	-8069 Nov 09 j 02:23	21°♍01'30	-0°02'25
minimum elong	-8069 Nov 09 j 01:45	20°♍59'34	0°02'15
behind sun begin	-8069 Nov 07 j 23:07	19°♍36'45	
behind sun end	-8069 Nov 10 j 04:24	22°♍22'22	
max. Earth dist.	-8069 Nov 14 j 11:36	27°♍42'45	1.72194 AU
	-8069 Nov 16 j 07:52	0°♎	
	-8069 Dec 10 j 13:59	0°♏	
evening rise	-8069 Dec 20 j 00:22	11°♏37'33	
	-8068 Jan 03 j 22:58	0°♐	
	-8068 Jan 28 j 11:03	0°♑	
	-8068 Feb 22 j 03:49	0°♒	
asc. node	-8068 Feb 28 j 02:27	7°♒10'09	
	-8068 Mar 18 j 03:52	0°♓	
	-8068 Apr 12 j 14:40	0°♈	
	-8068 May 08 j 18:30	0°♉	
	-8068 Jun 05 j 09:21	0°♊	
evening max el	-8068 Jun 14 j 10:41	9°♊10'01	47°01'29
desc. node	-8068 Jun 19 j 17:37	14°♊16'55	
	-8068 Jul 08 j 02:00	0°♋	
greatest brilliancy	-8068 Jul 25 j 17:53	9°♋51'39	-4.9m
retrograde	-8068 Aug 03 j 21:30	11°♋26'36	
evening set	-8068 Aug 21 j 14:56	5°♋27'08	
inferior conj	-8068 Aug 24 j 13:04	3°♋41'30	-8°41'37
minimum elong	-8068 Aug 24 j 18:39	3°♋33'01	8°40'36
min. Earth dist.	-8068 Aug 24 j 08:26	3°♋48'32	0.26577 AU
morning rise	-8068 Aug 27 j 22:24	1°♋39'46	
	-8068 Aug 30 j 22:18	30°℞♊	
direct	-8068 Sep 13 j 18:57	26°♊07'40	
greatest brilliancy	-8068 Sep 23 j 22:26	28°♊06'42	-4.9m
	-8068 Sep 28 j 05:54	0°♋	
asc. node	-8068 Oct 10 j 00:41	7°♋29'12	
morning max el	-8068 Nov 03 j 06:33	29°♋23'43	46°33'28
	-8068 Nov 03 j 20:52	0°♌	
	-8068 Dec 01 j 16:54	0°♍	
	-8068 Dec 27 j 23:23	0°♎	
	-8067 Jan 22 j 16:17	0°♏	
desc. node	-8067 Jan 30 j 14:41	9°♏20'42	
	-8067 Feb 17 j 00:52	0°♐	
	-8067 Mar 14 j 01:41	0°♑	
	-8067 Apr 07 j 18:39	0°♒	
morning set	-8067 May 01 j 20:04	29°♒34'36	
	-8067 May 02 j 04:17	0°♓	
asc. node	-8067 May 22 j 14:58	25°♓23'05	
	-8067 May 26 j 07:46	0°♈	
max. Earth dist.	-8067 Jun 02 j 17:46	9°♈15'56	1.71892 AU
superior conj	-8067 Jun 06 j 23:23	14°♈33'53	0°34'50
minimum elong	-8067 Jun 06 j 16:47	14°♈13'13	0°34'37
	-8067 Jun 19 j 06:43	0°♉	
	-8067 Jul 13 j 03:13	0°♊	
evening rise	-8067 Jul 14 j 10:00	1°♊36'50	
	-8067 Aug 05 j 23:41	0°♋	
	-8067 Aug 29 j 22:32	0°♌	
desc. node	-8067 Sep 12 j 01:24	16°♌20'29	
	-8067 Sep 23 j 01:42	0°♍	
	-8067 Oct 17 j 11:00	0°♎	
	-8067 Nov 11 j 05:36	0°♏	
	-8067 Dec 06 j 17:15	0°♐	
asc. node	-8066 Jan 02 j 05:57	29°♐27'51	
	-8066 Jan 02 j 18:07	0°♑	
evening max el	-8066 Jan 17 j 22:46	15°♑22'44	45°03'31
	-8066 Feb 03 j 12:33	0°♒	
greatest brilliancy	-8066 Feb 24 j 10:48	12°♒34'13	-4.7m
retrograde	-8066 Mar 06 j 23:44	14°♒32'18	
evening set	-8066 Mar 23 j 09:10	9°♒29'34	
inferior conj	-8066 Mar 28 j 09:18	6°♒28'21	5°40'19
minimum elong	-8066 Mar 28 j 18:12	6°♒14'30	5°38'04
min. Earth dist.	-8066 Mar 29 j 11:22	5°♒47'51	0.29042 AU
morning rise	-8066 Apr 03 j 02:44	3°♒01'16	
	-8066 Apr 09 j 09:48	30°℞♑	
direct	-8066 Apr 19 j 07:51	28°♑05'08	
desc. node	-8066 Apr 24 j 23:00	28°♑40'33	
	-8066 Apr 29 j 15:24	0°♒	
greatest brilliancy	-8066 Apr 30 j 11:31	0°♒18'31	-4.7m
morning max el	-8066 Jun 07 j 23:46	29°♒03'57	46°20'35
	-8066 Jun 08 j 22:32	0°♓	
	-8066 Jul 07 j 00:53	0°♈	
	-8066 Aug 01 j 17:24	0°♉	
asc. node	-8066 Aug 15 j 03:57	16°♉16'03	
	-8066 Aug 26 j 08:23	0°♊	
	-8066 Sep 19 j 11:47	0°♋	
	-8066 Oct 13 j 12:05	0°♌	
	-8066 Nov 06 j 14:23	0°♍	
	-8066 Nov 30 j 20:30	0°♎	
desc. node	-8066 Dec 05 j 14:35	5°♎51'34	
morning set	-8066 Dec 13 j 12:39	15°♎36'27	
	-8066 Dec 25 j 05:42	0°♏	
	-8065 Jan 18 j 16:15	0°♐	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

superior conj	-8065 Jan 21 j 16:57	3°♐43'02	-1°18'55
minimum elong	-8065 Jan 21 j 12:23	3°♐29'02	1°19'19
max. Earth dist.	-8065 Jan 21 j 21:20	3°♐56'30	1.73626 AU
	-8065 Feb 12 j 02:53	0°♑	
evening rise	-8065 Feb 27 j 04:43	18°♑30'12	
greatest brilliancy	-8065 Mar 02 j 18:43	22°♑54'07	-3.9m
	-8065 Mar 08 j 13:33	0°♒	
asc. node	-8065 Mar 27 j 14:54	23°♒21'46	
	-8065 Apr 02 j 00:57	0°♓	
	-8065 Apr 26 j 14:01	0°♈	
	-8065 May 21 j 05:49	0°♉	
	-8065 Jun 15 j 02:27	0°♊	
	-8065 Jul 10 j 08:41	0°♋	
desc. node	-8065 Jul 18 j 04:10	9°♋06'45	
	-8065 Aug 05 j 11:41	0°♌	
evening max el	-8065 Aug 27 j 05:22	23°♌20'06	47°43'38
	-8065 Sep 02 j 21:56	0°♍	
greatest brilliancy	-8065 Oct 07 j 03:43	25°♍21'03	-4.9m
retrograde	-8065 Oct 17 j 09:38	27°♍22'29	
evening set	-8065 Nov 01 j 03:44	22°♍55'19	
min. Earth dist.	-8065 Nov 06 j 11:00	19°♍41'02	0.27396 AU
inferior conj	-8065 Nov 07 j 05:51	19°♍10'59	-0°03'18
minimum elong	-8065 Nov 07 j 05:58	19°♍10'48	0°03'06
transit middle	-8065 Nov 07 j 05:58	19°♍10'48	0°03'06
transit begin	-8065 Nov 07 j 02:01	19°♍17'05	
transit end	-8065 Nov 07 j 09:54	19°♍04'31	
asc. node	-8065 Nov 07 j 11:13	19°♍02'26	
morning rise	-8065 Nov 13 j 09:12	15°♍27'38	
direct	-8065 Nov 27 j 19:42	11°♍15'59	
greatest brilliancy	-8065 Dec 06 j 21:26	12°♍49'25	-4.8m
	-8064 Jan 02 j 19:26	0°♎	
morning max el	-8064 Jan 15 j 20:29	11°♎53'06	46°02'42
	-8064 Feb 02 j 19:24	0°♏	
desc. node	-8064 Feb 28 j 02:57	27°♏30'03	
	-8064 Mar 01 j 08:32	0°♐	
	-8064 Mar 27 j 13:31	0°♑	
	-8064 Apr 21 j 22:43	0°♒	
	-8064 May 16 j 17:19	0°♓	
	-8064 Jun 10 j 00:46	0°♈	
asc. node	-8064 Jun 19 j 04:15	11°♈24'21	
	-8064 Jul 04 j 00:05	0°♉	
morning set	-8064 Jul 10 j 03:22	7°♉43'43	
	-8064 Jul 27 j 18:32	0°♊	
superior conj	-8064 Aug 18 j 17:05	27°♊45'34	1°22'35
minimum elong	-8064 Aug 18 j 20:02	27°♊54'56	1°23'06
	-8064 Aug 20 j 11:36	0°♋	
max. Earth dist.	-8064 Aug 21 j 03:05	0°♋48'56	1.70741 AU
	-8064 Sep 13 j 06:23	0°♌	
evening rise	-8064 Sep 30 j 05:51	21°♌18'03	
	-8064 Oct 07 j 04:51	0°♍	
desc. node	-8064 Oct 09 j 14:11	2°♍58'55	
	-8064 Oct 31 j 07:44	0°♎	
	-8064 Nov 24 j 15:19	0°♏	
	-8064 Dec 19 j 04:55	0°♐	
	-8063 Jan 13 j 04:17	0°♑	
asc. node	-8063 Jan 29 j 16:55	19°♑25'42	
	-8063 Feb 07 j 20:45	0°♒	
	-8063 Mar 06 j 20:54	0°♓	
evening max el	-8063 Mar 30 j 10:04	23°♓54'45	45°20'57
	-8063 Apr 06 j 00:25	0°♈	
greatest brilliancy	-8063 May 08 j 04:25	21°♈38'28	-4.8m
retrograde	-8063 May 18 j 04:08	23°♈25'37	
desc. node	-8063 May 22 j 09:25	23°♈04'54	
evening set	-8063 Jun 01 j 22:02	19°♈21'02	
inferior conj	-8063 Jun 08 j 04:26	15°♈47'11	-3°54'44
minimum elong	-8063 Jun 07 j 20:16	15°♈59'21	3°52'25
min. Earth dist.	-8063 Jun 08 j 13:12	15°♈34'05	0.27259 AU
morning rise	-8063 Jun 13 j 17:44	12°♈34'00	
direct	-8063 Jun 29 j 05:03	7°♈59'26	
greatest brilliancy	-8063 Jul 10 j 11:42	10°♈18'48	-4.9m
	-8063 Aug 07 j 14:21	0°♉	
morning max el	-8063 Aug 18 j 17:52	10°♉48'50	46°46'05
	-8063 Sep 05 j 15:40	0°♊	
asc. node	-8063 Sep 11 j 15:54	6°♊46'21	
	-8063 Oct 01 j 14:16	0°♋	
	-8063 Oct 26 j 13:28	0°♌	
	-8063 Nov 20 j 06:07	0°♍	
	-8063 Dec 14 j 22:38	0°♎	
desc. node	-8062 Jan 02 j 03:56	22°♎06'38	
	-8062 Jan 08 j 16:03	0°♏	
	-8062 Feb 02 j 08:50	0°♐	
morning set	-8062 Feb 22 j 04:26	24°♐09'15	
	-8062 Feb 26 j 23:12	0°♑	
	-8062 Mar 23 j 10:14	0°♒	
max. Earth dist.	-8062 Mar 26 j 09:14	3°♒38'27	1.73508 AU
superior conj	-8062 Mar 29 j 19:29	7°♒51'42	-0°53'50
minimum elong	-8062 Mar 30 j 03:21	8°♒15'54	0°54'02
	-8062 Apr 16 j 18:03	0°♓	
asc. node	-8062 Apr 24 j 03:49	9°♓09'53	
evening rise	-8062 May 04 j 05:07	21°♓37'16	
	-8062 May 10 j 23:17	0°♈	
	-8062 Jun 04 j 02:58	0°♉	
	-8062 Jun 28 j 06:35	0°♊	
	-8062 Jul 22 j 12:14	0°♋	
desc. node	-8062 Aug 14 j 15:32	28°♋24'46	
	-8062 Aug 15 j 22:45	0°♌	
	-8062 Sep 09 j 18:18	0°♍	
	-8062 Oct 05 j 07:09	0°♎	
	-8062 Nov 01 j 12:50	0°♏	
evening max el	-8062 Nov 05 j 18:41	4°♏20'55	46°25'16
asc. node	-8062 Dec 04 j 21:41	29°♏24'49	
	-8062 Dec 05 j 19:52	0°♐	
greatest brilliancy	-8062 Dec 14 j 16:31	4°♐35'29	-4.8m
retrograde	-8062 Dec 25 j 21:25	6°♐56'58	
evening set	-8061 Jan 11 j 19:40	1°♐17'42	
	-8061 Jan 13 j 21:51	30°℞♏	
inferior conj	-8061 Jan 16 j 06:07	28°♏30'05	7°34'58
minimum elong	-8061 Jan 16 j 00:06	28°♏39'46	7°33'56
min. Earth dist.	-8061 Jan 15 j 21:12	28°♏44'25	0.29335 AU
morning rise	-8061 Jan 20 j 04:46	26°♏00'35	
direct	-8061 Feb 06 j 20:23	20°♏02'17	
greatest brilliancy	-8061 Feb 16 j 02:34	21°♏35'51	-4.7m
	-8061 Mar 04 j 03:52	0°♐	
morning max el	-8061 Mar 27 j 16:03	19°♐40'17	45°55'31
desc. node	-8061 Mar 27 j 14:23	19°♐36'19	
	-8061 Apr 07 j 04:10	0°♑	
	-8061 May 05 j 02:34	0°♒	
	-8061 May 31 j 02:22	0°♓	
	-8061 Jun 25 j 01:00	0°♈	
asc. node	-8061 Jul 17 j 17:30	28°♈00'08	
	-8061 Jul 19 j 07:59	0°♉	
	-8061 Aug 12 j 05:46	0°♊	
	-8061 Sep 04 j 23:47	0°♋	
morning set	-8061 Sep 25 j 02:47	25°♋24'04	
	-8061 Sep 28 j 18:27	0°♌	
	-8061 Oct 22 j 16:33	0°♍	
superior conj	-8061 Nov 06 j 11:48	18°♍27'02	0°01'30
minimum elong	-8061 Nov 06 j 12:14	18°♍28'26	0°01'39
behind sun begin	-8061 Nov 05 j 09:26	17°♍05'02	
behind sun end	-8061 Nov 07 j 15:03	19°♍51'48	
desc. node	-8061 Nov 07 j 03:14	19°♍15'03	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

max. Earth dist.	-8061 Nov 12 j 00:32	25°♍19'29	1.72131 AU
	-8061 Nov 15 j 18:56	0°♎	
	-8061 Dec 10 j 01:00	0°♏	
evening rise	-8061 Dec 17 j 14:20	9°♏18'54	
	-8060 Jan 03 j 09:59	0°♐	
	-8060 Jan 27 j 22:10	0°♑	
	-8060 Feb 21 j 15:16	0°♒	
asc. node	-8060 Feb 27 j 04:46	6°♒42'15	
	-8060 Mar 17 j 16:01	0°♓	
	-8060 Apr 12 j 04:04	0°♈	
	-8060 May 08 j 10:14	0°♉	
	-8060 Jun 05 j 06:26	0°♊	
evening max el	-8060 Jun 12 j 00:43	6°♊47'36	46°58'01
desc. node	-8060 Jun 18 j 19:48	13°♊18'52	
	-8060 Jul 09 j 02:12	0°♋	
greatest brilliancy	-8060 Jul 23 j 05:00	7°♋20'30	-4.9m
retrograde	-8060 Aug 01 j 09:50	8°♋55'44	
evening set	-8060 Aug 19 j 04:33	2°♋54'33	
inferior conj	-8060 Aug 22 j 01:00	1°♋11'21	-8°47'13
minimum elong	-8060 Aug 22 j 05:44	1°♋04'09	8°46'22
min. Earth dist.	-8060 Aug 21 j 20:03	1°♋18'53	0.26579 AU
	-8060 Aug 24 j 00:14	30°℞♊	
morning rise	-8060 Aug 25 j 06:59	29°♊14'34	
direct	-8060 Sep 11 j 07:43	23°♊38'05	
greatest brilliancy	-8060 Sep 21 j 10:35	25°♊36'33	-4.9m
	-8060 Sep 30 j 05:57	0°♋	
asc. node	-8060 Oct 09 j 02:51	6°♋12'06	
morning max el	-8060 Oct 31 j 19:48	26°♋57'32	46°34'20
	-8060 Nov 03 j 19:11	0°♌	
	-8060 Dec 01 j 09:09	0°♍	
	-8060 Dec 27 j 13:14	0°♎	
	-8059 Jan 22 j 04:49	0°♏	
desc. node	-8059 Jan 29 j 16:50	8°♏50'55	
	-8059 Feb 16 j 12:36	0°♐	
	-8059 Mar 13 j 12:54	0°♑	
	-8059 Apr 07 j 05:33	0°♒	
morning set	-8059 Apr 29 j 15:10	27°♒32'02	
	-8059 May 01 j 15:04	0°♓	
asc. node	-8059 May 21 j 17:03	24°♓55'54	
	-8059 May 25 j 18:34	0°♈	
max. Earth dist.	-8059 May 31 j 07:31	6°♈55'05	1.71960 AU
superior conj	-8059 Jun 04 j 16:37	12°♈23'41	0°31'53
minimum elong	-8059 Jun 04 j 10:31	12°♈04'37	0°31'40
	-8059 Jun 18 j 17:39	0°♉	
evening rise	-8059 Jul 11 j 23:51	29°♉14'33	
	-8059 Jul 12 j 14:18	0°♊	
	-8059 Aug 05 j 10:57	0°♋	
	-8059 Aug 29 j 10:00	0°♌	
desc. node	-8059 Sep 11 j 03:35	15°♌51'11	
	-8059 Sep 22 j 13:26	0°♍	
	-8059 Oct 16 j 23:07	0°♎	
	-8059 Nov 10 j 18:23	0°♏	
	-8059 Dec 06 j 07:27	0°♐	
asc. node	-8058 Jan 01 j 08:13	28°♐47'18	
	-8058 Jan 02 j 11:56	0°♑	
evening max el	-8058 Jan 15 j 13:46	13°♑10'23	45°04'49
	-8058 Feb 03 j 23:23	0°♒	
greatest brilliancy	-8058 Feb 22 j 03:20	10°♒27'33	-4.7m
retrograde	-8058 Mar 04 j 15:24	12°♒25'23	
evening set	-8058 Mar 21 j 03:56	7°♒18'46	
inferior conj	-8058 Mar 26 j 01:47	4°♒20'35	5°53'19
minimum elong	-8058 Mar 26 j 10:39	4°♒06'45	5°51'09
min. Earth dist.	-8058 Mar 27 j 03:43	3°♒40'11	0.29092 AU
morning rise	-8058 Mar 31 j 16:49	0°♒56'14	
	-8058 Apr 02 j 09:51	30°℞♑	
direct	-8058 Apr 17 j 00:10	25°♑56'28	
desc. node	-8058 Apr 24 j 01:00	26°♑50'56	
greatest brilliancy	-8058 Apr 28 j 03:11	28°♑08'36	-4.7m
	-8058 May 02 j 09:11	0°♒	
morning max el	-8058 Jun 05 j 14:25	26°♒48'16	46°19'27
	-8058 Jun 08 j 19:49	0°♓	
	-8058 Jul 06 j 16:27	0°♈	
	-8058 Aug 01 j 06:56	0°♉	
asc. node	-8058 Aug 14 j 06:12	15°♉43'29	
	-8058 Aug 25 j 20:57	0°♊	
	-8058 Sep 18 j 23:48	0°♋	
	-8058 Oct 12 j 23:46	0°♌	
	-8058 Nov 06 j 01:48	0°♍	
	-8058 Nov 30 j 07:41	0°♎	
desc. node	-8058 Dec 04 j 16:43	5°♎23'48	
morning set	-8058 Dec 11 j 01:07	13°♎13'06	
	-8058 Dec 24 j 16:41	0°♏	
	-8057 Jan 18 j 03:07	0°♐	
superior conj	-8057 Jan 19 j 09:22	1°♐32'50	-1°18'03
minimum elong	-8057 Jan 19 j 04:11	1°♐16'56	1°18'25
max. Earth dist.	-8057 Jan 19 j 16:56	1°♐56'04	1.73598 AU
	-8057 Feb 11 j 13:43	0°♑	
evening rise	-8057 Feb 24 j 23:24	16°♑26'53	
greatest brilliancy	-8057 Mar 01 j 04:59	21°♑38'35	-3.9m
	-8057 Mar 08 j 00:28	0°♒	
asc. node	-8057 Mar 26 j 17:01	22°♒54'19	
	-8057 Apr 01 j 12:05	0°♓	
	-8057 Apr 26 j 01:33	0°♈	
	-8057 May 20 j 17:57	0°♉	
	-8057 Jun 14 j 15:30	0°♊	
	-8057 Jul 09 j 23:15	0°♋	
desc. node	-8057 Jul 17 j 06:24	8°♋29'11	
	-8057 Aug 05 j 05:12	0°♌	
evening max el	-8057 Aug 24 j 19:11	20°♌55'32	47°44'21
	-8057 Sep 03 j 00:01	0°♍	
greatest brilliancy	-8057 Oct 04 j 20:41	23°♍00'21	-4.9m
retrograde	-8057 Oct 15 j 00:00	24°♍59'46	
evening set	-8057 Oct 29 j 19:13	20°♍31'57	
min. Earth dist.	-8057 Nov 04 j 02:33	17°♍17'56	0.27335 AU
inferior conj	-8057 Nov 04 j 20:27	16°♍49'27	-0°25'13
minimum elong	-8057 Nov 04 j 21:20	16°♍48'02	0°24'46
asc. node	-8057 Nov 06 j 13:22	15°♍44'36	
morning rise	-8057 Nov 11 j 00:20	13°♍05'24	
direct	-8057 Nov 25 j 08:56	8°♍55'27	
greatest brilliancy	-8057 Dec 04 j 12:47	10°♍30'29	-4.8m
	-8056 Jan 03 j 01:13	0°♎	
morning max el	-8056 Jan 13 j 10:26	9°♎35'36	46°03'34
	-8056 Feb 02 j 13:05	0°♏	
desc. node	-8056 Feb 27 j 05:09	26°♏55'53	
	-8056 Feb 29 j 22:45	0°♐	
	-8056 Mar 27 j 02:10	0°♑	
	-8056 Apr 21 j 10:32	0°♒	
	-8056 May 16 j 04:43	0°♓	
	-8056 Jun 09 j 11:55	0°♈	
asc. node	-8056 Jun 18 j 06:29	10°♈56'39	
	-8056 Jul 03 j 11:08	0°♉	
morning set	-8056 Jul 07 j 17:36	5°♉22'32	
	-8056 Jul 27 j 05:35	0°♊	
superior conj	-8056 Aug 16 j 03:58	25°♊13'04	1°23'00
minimum elong	-8056 Aug 16 j 05:55	25°♊19'14	1°23'32
max. Earth dist.	-8056 Aug 18 j 06:04	27°♊51'29	1.70743 AU
	-8056 Aug 19 j 22:44	0°♋	
	-8056 Sep 12 j 17:36	0°♌	
evening rise	-8056 Sep 27 j 13:26	18°♌36'23	
	-8056 Oct 06 j 16:09	0°♍	
desc. node	-8056 Oct 08 j 16:11	2°♍29'54	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8056 Oct 30 j 19:06	0°♎	
	-8056 Nov 24 j 02:50	0°♏	
	-8056 Dec 18 j 16:45	0°♐	
	-8055 Jan 12 j 16:48	0°♑	
asc. node	-8055 Jan 28 j 19:14	18°♑53'53	
	-8055 Feb 07 j 10:42	0°♒	
	-8055 Mar 06 j 14:07	0°♓	
evening max el	-8055 Mar 28 j 00:19	21°♓38'44	45°18'43
	-8055 Apr 06 j 04:33	0°♈	
greatest brilliancy	-8055 May 05 j 16:00	19°♈16'42	-4.8m
retrograde	-8055 May 15 j 17:33	21°♈05'03	
desc. node	-8055 May 21 j 11:41	20°♈26'19	
evening set	-8055 May 30 j 09:35	17°♈01'52	
inferior conj	-8055 Jun 05 j 17:29	13°♈25'58	-3°34'03
minimum elong	-8055 Jun 05 j 09:54	13°♈37'15	3°31'53
min. Earth dist.	-8055 Jun 06 j 03:03	13°♈11'41	0.27306 AU
morning rise	-8055 Jun 11 j 09:29	10°♈09'20	
direct	-8055 Jun 26 j 19:15	5°♈37'05	
greatest brilliancy	-8055 Jul 08 j 02:16	7°♈57'10	-4.9m
	-8055 Aug 07 j 18:02	0°♉	
morning max el	-8055 Aug 16 j 08:32	8°♉26'32	46°45'51
	-8055 Sep 05 j 09:21	0°♊	
asc. node	-8055 Sep 10 j 18:03	6°♊04'43	
	-8055 Oct 01 j 04:56	0°♋	
	-8055 Oct 26 j 02:44	0°♌	
	-8055 Nov 19 j 18:34	0°♍	
	-8055 Dec 14 j 10:32	0°♎	
desc. node	-8054 Jan 01 j 06:08	21°♎38'07	
	-8054 Jan 08 j 03:31	0°♏	
	-8054 Feb 01 j 20:01	0°♐	
morning set	-8054 Feb 19 j 22:22	22°♐03'46	
	-8054 Feb 26 j 10:11	0°♑	
	-8054 Mar 22 j 21:09	0°♒	
max. Earth dist.	-8054 Mar 24 j 08:49	1°♒49'43	1.73540 AU
superior conj	-8054 Mar 27 j 14:47	5°♒49'43	-0°56'02
minimum elong	-8054 Mar 27 j 22:44	6°♒14'09	0°56'14
	-8054 Apr 16 j 05:00	0°♓	
asc. node	-8054 Apr 23 j 05:55	8°♓42'17	
evening rise	-8054 May 02 j 00:19	19°♓33'41	
	-8054 May 10 j 10:25	0°♈	
	-8054 Jun 03 j 14:22	0°♉	
	-8054 Jun 27 j 18:20	0°♊	
	-8054 Jul 22 j 00:24	0°♋	
desc. node	-8054 Aug 13 j 17:44	27°♋52'43	
	-8054 Aug 15 j 11:30	0°♌	
	-8054 Sep 09 j 07:58	0°♍	
	-8054 Oct 04 j 22:39	0°♎	
	-8054 Nov 01 j 09:10	0°♏	
evening max el	-8054 Nov 03 j 11:38	2°♏08'31	46°28'44
asc. node	-8054 Dec 04 j 00:01	28°♏07'08	
	-8054 Dec 07 j 05:59	0°♐	
greatest brilliancy	-8054 Dec 12 j 09:38	2°♐25'59	-4.8m
retrograde	-8054 Dec 23 j 15:30	4°♐48'04	
	-8053 Jan 08 j 02:18	30°℞♏	
evening set	-8053 Jan 09 j 10:41	29°♏12'11	
inferior conj	-8053 Jan 13 j 23:21	26°♏20'55	7°28'17
minimum elong	-8053 Jan 13 j 16:53	26°♏31'20	7°27'09
min. Earth dist.	-8053 Jan 13 j 12:46	26°♏37'57	0.29292 AU
morning rise	-8053 Jan 17 j 23:23	23°♏49'22	
direct	-8053 Feb 04 j 13:27	17°♏53'59	
greatest brilliancy	-8053 Feb 13 j 17:05	19°♏25'52	-4.7m
	-8053 Mar 04 j 20:16	0°♐	
morning max el	-8053 Mar 25 j 08:56	17°♐33'03	45°55'04
desc. node	-8053 Mar 26 j 16:26	18°♐48'05	
	-8053 Apr 06 j 23:07	0°♑	
	-8053 May 04 j 17:19	0°♒	
	-8053 May 30 j 15:25	0°♓	
	-8053 Jun 24 j 13:14	0°♈	
asc. node	-8053 Jul 16 j 19:40	27°♈29'59	
	-8053 Jul 18 j 19:48	0°♉	
	-8053 Aug 11 j 17:23	0°♊	
	-8053 Sep 04 j 11:15	0°♋	
morning set	-8053 Sep 22 j 12:47	22°♋48'34	
	-8053 Sep 28 j 05:48	0°♌	
	-8053 Oct 22 j 03:49	0°♍	
superior conj	-8053 Nov 03 j 21:30	15°♍52'55	0°05'21
minimum elong	-8053 Nov 03 j 22:59	15°♍57'35	0°05'28
behind sun begin	-8053 Nov 02 j 21:19	14°♍37'39	
behind sun end	-8053 Nov 05 j 00:40	17°♍17'29	
desc. node	-8053 Nov 06 j 05:24	18°♍46'50	
max. Earth dist.	-8053 Nov 09 j 16:19	23°♍04'35	1.72066 AU
	-8053 Nov 15 j 06:08	0°♎	
	-8053 Dec 09 j 12:11	0°♏	
evening rise	-8053 Dec 15 j 04:18	6°♏59'40	
	-8052 Jan 02 j 21:13	0°♐	
	-8052 Jan 27 j 09:34	0°♑	
	-8052 Feb 21 j 03:03	0°♒	
asc. node	-8052 Feb 26 j 06:51	6°♒12'42	
	-8052 Mar 17 j 04:33	0°♓	
	-8052 Apr 11 j 17:55	0°♈	
	-8052 May 08 j 02:35	0°♉	
	-8052 Jun 05 j 04:41	0°♊	
evening max el	-8052 Jun 09 j 14:09	4°♊22'45	46°54'25
desc. node	-8052 Jun 17 j 22:04	12°♊18'40	
	-8052 Jul 10 j 12:22	0°♋	
greatest brilliancy	-8052 Jul 20 j 16:38	4°♋48'54	-4.9m
retrograde	-8052 Jul 29 j 21:29	6°♋23'37	
evening set	-8052 Aug 16 j 17:42	0°♋21'33	
	-8052 Aug 17 j 08:09	30°℞♊	
inferior conj	-8052 Aug 19 j 12:51	28°♊40'12	-8°51'56
minimum elong	-8052 Aug 19 j 16:41	28°♊34'23	8°51'11
min. Earth dist.	-8052 Aug 19 j 07:58	28°♊47'38	0.26578 AU
morning rise	-8052 Aug 22 j 15:43	26°♊47'54	
direct	-8052 Sep 08 j 19:57	21°♊07'22	
greatest brilliancy	-8052 Sep 18 j 23:08	23°♊05'40	-4.9m
	-8052 Oct 01 j 14:50	0°♋	
asc. node	-8052 Oct 08 j 04:59	4°♋56'22	
morning max el	-8052 Oct 29 j 08:06	24°♋28'00	46°35'27
	-8052 Nov 03 j 16:57	0°♌	
	-8052 Dec 01 j 01:21	0°♍	
	-8052 Dec 27 j 03:08	0°♎	
	-8051 Jan 21 j 17:30	0°♏	
desc. node	-8051 Jan 28 j 18:59	8°♏20'32	
	-8051 Feb 16 j 00:33	0°♐	
	-8051 Mar 13 j 00:23	0°♑	
	-8051 Apr 06 j 16:46	0°♒	
morning set	-8051 Apr 27 j 10:09	25°♒28'06	
	-8051 May 01 j 02:11	0°♓	
asc. node	-8051 May 20 j 19:17	24°♓28'13	
	-8051 May 25 j 05:42	0°♈	
max. Earth dist.	-8051 May 28 j 22:32	4°♈37'18	1.72027 AU
superior conj	-8051 Jun 02 j 09:49	10°♈12'33	0°28'54
minimum elong	-8051 Jun 02 j 04:15	9°♈55'09	0°28'40
	-8051 Jun 18 j 04:52	0°♉	
evening rise	-8051 Jul 09 j 13:55	26°♉52'02	
	-8051 Jul 12 j 01:41	0°♊	
	-8051 Aug 04 j 22:32	0°♋	
	-8051 Aug 28 j 21:49	0°♌	
desc. node	-8051 Sep 10 j 05:36	15°♌20'21	
	-8051 Sep 22 j 01:31	0°♍	
	-8051 Oct 16 j 11:34	0°♎	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8051 Nov 10 j 07:29	0°♏		
	-8051 Dec 05 j 21:59	0°♐		
asc. node	-8051 Dec 31 j 10:28	28°♐05'44		
	-8050 Jan 02 j 06:22	0°♑		
evening max el	-8050 Jan 13 j 04:19	10°♑56'22	45°06'12	
	-8050 Feb 04 j 14:14	0°♒		
greatest brilliancy	-8050 Feb 19 j 19:25	8°♒19'59	-4.7m	
retrograde	-8050 Mar 02 j 07:23	10°♒18'24		
evening set	-8050 Mar 18 j 22:49	5°♒07'31		
inferior conj	-8050 Mar 23 j 18:26	2°♒12'28	6°05'43	
minimum elong	-8050 Mar 24 j 03:14	1°♒58'45	6°03'38	
min. Earth dist.	-8050 Mar 24 j 20:17	1°♒32'09	0.29147 AU	
	-8050 Mar 27 j 08:13	30°℞♑		
morning rise	-8050 Mar 29 j 07:03	28°♑51'09		
direct	-8050 Apr 14 j 16:29	23°♑47'14		
desc. node	-8050 Apr 23 j 03:18	25°♑04'46		
greatest brilliancy	-8050 Apr 25 j 19:36	25°♑58'56	-4.7m	
	-8050 May 04 j 02:09	0°♒		
morning max el	-8050 Jun 03 j 05:48	24°♒33'23	46°18'22	
	-8050 Jun 08 j 16:49	0°♓		
	-8050 Jul 06 j 08:10	0°♈		
	-8050 Jul 31 j 20:42	0°♉		
asc. node	-8050 Aug 13 j 08:20	15°♉09'44		
	-8050 Aug 25 j 09:45	0°♊		
	-8050 Sep 18 j 12:04	0°♋		
	-8050 Oct 12 j 11:42	0°♌		
	-8050 Nov 05 j 13:29	0°♍		
	-8050 Nov 29 j 19:09	0°♎		
desc. node	-8050 Dec 03 j 18:53	4°♎55'16		
morning set	-8050 Dec 08 j 13:39	10°♎48'53		
	-8050 Dec 24 j 03:56	0°♏		
superior conj	-8049 Jan 17 j 02:02	29°♏22'40	-1°17'04	
minimum elong	-8049 Jan 16 j 20:13	29°♏04'51	1°17'24	
max. Earth dist.	-8049 Jan 17 j 11:43	29°♏52'23	1.73567 AU	
	-8049 Jan 17 j 14:12	0°♐		
	-8049 Feb 11 j 00:46	0°♑		
evening rise	-8049 Feb 22 j 18:24	14°♑23'59		
greatest brilliancy	-8049 Feb 27 j 12:56	20°♑15'15	-3.9m	
	-8049 Mar 07 j 11:36	0°♒		
asc. node	-8049 Mar 25 j 19:09	22°♒26'10		
	-8049 Mar 31 j 23:30	0°♓		
	-8049 Apr 25 j 13:24	0°♈		
	-8049 May 20 j 06:28	0°♉		
	-8049 Jun 14 j 04:59	0°♊		
	-8049 Jul 09 j 14:19	0°♋		
desc. node	-8049 Jul 16 j 08:35	7°♋50'11		
	-8049 Aug 04 j 23:25	0°♌		
evening max el	-8049 Aug 22 j 09:05	18°♌30'20	47°45'05	
	-8049 Sep 03 j 03:58	0°♍		
greatest brilliancy	-8049 Oct 02 j 13:15	20°♍38'09	-4.9m	
retrograde	-8049 Oct 12 j 14:42	22°♍36'15		
evening set	-8049 Oct 27 j 10:49	18°♍07'11		
min. Earth dist.	-8049 Nov 01 j 17:57	14°♍53'55	0.27276 AU	
inferior conj	-8049 Nov 02 j 11:00	14°♍26'51	-0°47'20	
minimum elong	-8049 Nov 02 j 12:41	14°♍24'11	0°46'36	
asc. node	-8049 Nov 05 j 15:47	12°♍26'40		
morning rise	-8049 Nov 08 j 15:20	10°♍42'34		
direct	-8049 Nov 22 j 22:15	6°♍33'42		
greatest brilliancy	-8049 Dec 02 j 04:01	8°♍10'27	-4.8m	
	-8048 Jan 03 j 05:25	0°♎		
morning max el	-8048 Jan 11 j 01:28	7°♎19'53	46°04'38	
	-8048 Feb 02 j 06:37	0°♏		
desc. node	-8048 Feb 26 j 07:11	26°♏20'58		
	-8048 Feb 29 j 12:59	0°♐		
	-8048 Mar 26 j 14:54	0°♑		
	-8048 Apr 20 j 22:29	0°♒		

	-8048 May 15 j 16:16	0°♓		
	-8048 Jun 08 j 23:17	0°♈		
asc. node	-8048 Jun 17 j 08:39	10°♈27'57		
	-8048 Jul 02 j 22:27	0°♉		
morning set	-8048 Jul 05 j 07:58	3°♉00'58		
	-8048 Jul 26 j 16:55	0°♊		
superior conj	-8048 Aug 13 j 14:50	22°♊39'37	1°23'15	
minimum elong	-8048 Aug 13 j 15:46	22°♊42'35	1°23'46	
max. Earth dist.	-8048 Aug 15 j 11:29	25°♊00'52	1.70744 AU	
	-8048 Aug 19 j 10:07	0°♋		
	-8048 Sep 12 j 05:03	0°♌		
evening rise	-8048 Sep 24 j 20:53	15°♌53'31		
	-8048 Oct 06 j 03:39	0°♍		
desc. node	-8048 Oct 07 j 18:21	2°♍00'45		
	-8048 Oct 30 j 06:41	0°♎		
	-8048 Nov 23 j 14:34	0°♏		
	-8048 Dec 18 j 04:49	0°♐		
	-8047 Jan 12 j 05:32	0°♑		
asc. node	-8047 Jan 27 j 21:25	18°♑21'07		
	-8047 Feb 07 j 00:53	0°♒		
	-8047 Mar 06 j 07:44	0°♓		
evening max el	-8047 Mar 25 j 15:33	19°♓25'18	45°16'36	
	-8047 Apr 06 j 10:30	0°♈		
greatest brilliancy	-8047 May 03 j 03:47	16°♈55'53	-4.7m	
retrograde	-8047 May 13 j 07:02	18°♈45'07		
desc. node	-8047 May 20 j 13:54	17°♈43'08		
evening set	-8047 May 27 j 21:41	14°♈43'18		
inferior conj	-8047 Jun 03 j 06:47	11°♈05'24	-3°13'13	
minimum elong	-8047 Jun 02 j 23:51	11°♈15'45	3°11'12	
min. Earth dist.	-8047 Jun 03 j 17:02	10°♈50'06	0.27359 AU	
morning rise	-8047 Jun 09 j 01:20	7°♈45'20		
direct	-8047 Jun 24 j 10:06	3°♈15'28		
greatest brilliancy	-8047 Jul 05 j 16:42	5°♈35'27	-4.9m	
	-8047 Aug 07 j 20:24	0°♉		
morning max el	-8047 Aug 13 j 23:19	6°♉04'04	46°45'20	
	-8047 Sep 05 j 02:55	0°♊		
asc. node	-8047 Sep 09 j 20:13	5°♊22'49		
	-8047 Sep 30 j 19:41	0°♋		
	-8047 Oct 25 j 16:06	0°♌		
	-8047 Nov 19 j 07:06	0°♍		
	-8047 Dec 13 j 22:29	0°♎		
desc. node	-8047 Dec 31 j 08:10	21°♎08'51		
	-8046 Jan 07 j 15:04	0°♏		
	-8046 Feb 01 j 07:16	0°♐		
morning set	-8046 Feb 17 j 16:27	19°♐58'35		
	-8046 Feb 25 j 21:14	0°♑		
	-8046 Mar 22 j 08:06	0°♒		
max. Earth dist.	-8046 Mar 22 j 07:51	29°♑59'14	1.73565 AU	
superior conj	-8046 Mar 25 j 10:26	3°♒48'45	-0°58'08	
minimum elong	-8046 Mar 25 j 18:24	4°♒13'16	0°58'20	
	-8046 Apr 15 j 15:58	0°♓		
asc. node	-8046 Apr 22 j 08:13	8°♓15'23		
evening rise	-8046 Apr 29 j 19:56	17°♓31'34		
	-8046 May 09 j 21:31	0°♈		
	-8046 Jun 03 j 01:46	0°♉		
	-8046 Jun 27 j 06:07	0°♊		
	-8046 Jul 21 j 12:41	0°♋		
desc. node	-8046 Aug 12 j 19:47	27°♋19'48		
	-8046 Aug 15 j 00:25	0°♌		
	-8046 Sep 08 j 21:54	0°♍		
	-8046 Oct 04 j 14:32	0°♎		
evening max el	-8046 Nov 01 j 04:24	29°♎55'03	46°32'18	
	-8046 Nov 01 j 06:22	0°♏		
asc. node	-8046 Dec 03 j 02:13	26°♏46'27		
	-8046 Dec 09 j 11:04	0°♐		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

greatest brilliancy	-8046 Dec 10 j 03:25	0°♐16'45	-4.8m
retrograde	-8046 Dec 21 j 09:13	2°♐38'29	
	-8045 Jan 01 j 16:29	30°℞♏	
evening set	-8045 Jan 07 j 01:39	27°♏06'24	
min. Earth dist.	-8045 Jan 11 j 04:36	24°♏30'40	0.29242 AU
inferior conj	-8045 Jan 11 j 16:33	24°♏11'24	7°21'03
minimum elong	-8045 Jan 11 j 09:39	24°♏22'30	7°19'48
morning rise	-8045 Jan 15 j 18:02	21°♏37'26	
direct	-8045 Feb 02 j 06:20	15°♏45'29	
greatest brilliancy	-8045 Feb 11 j 07:44	17°♏15'41	-4.7m
	-8045 Mar 05 j 08:34	0°♐	
morning max el	-8045 Mar 23 j 01:10	15°♐24'23	45°54'46
desc. node	-8045 Mar 25 j 18:41	18°♐01'16	
	-8045 Apr 06 j 17:32	0°♑	
	-8045 May 04 j 07:47	0°♒	
	-8045 May 30 j 04:16	0°♓	
	-8045 Jun 24 j 01:17	0°♈	
asc. node	-8045 Jul 15 j 21:48	27°♈00'10	
	-8045 Jul 18 j 07:28	0°♉	
	-8045 Aug 11 j 04:52	0°♊	
	-8045 Sep 03 j 22:39	0°♋	
morning set	-8045 Sep 19 j 22:29	20°♋12'03	
	-8045 Sep 27 j 17:09	0°♌	
	-8045 Oct 21 j 15:07	0°♍	
superior conj	-8045 Nov 01 j 06:32	13°♍16'35	0°09'15
minimum elong	-8045 Nov 01 j 09:06	13°♍24'32	0°09'20
behind sun begin	-8045 Oct 31 j 10:37	12°♍14'32	
behind sun end	-8045 Nov 02 j 07:34	14°♍34'30	
desc. node	-8045 Nov 05 j 07:35	18°♍18'37	
max. Earth dist.	-8045 Nov 07 j 07:09	20°♍46'30	1.71999 AU
	-8045 Nov 14 j 17:23	0°♎	
	-8045 Dec 08 j 23:22	0°♏	
evening rise	-8045 Dec 12 j 17:32	4°♏38'02	
	-8044 Jan 02 j 08:25	0°♐	
	-8044 Jan 26 j 20:55	0°♑	
	-8044 Feb 20 j 14:48	0°♒	
asc. node	-8044 Feb 25 j 09:03	5°♒43'39	
	-8044 Mar 16 j 17:02	0°♓	
	-8044 Apr 11 j 07:45	0°♈	
	-8044 May 07 j 18:57	0°♉	
	-8044 Jun 05 j 03:23	0°♊	
evening max el	-8044 Jun 07 j 02:54	1°♊57'21	46°50'55
desc. node	-8044 Jun 17 j 00:13	11°♊17'56	
	-8044 Jul 12 j 13:35	0°♋	
greatest brilliancy	-8044 Jul 18 j 04:52	2°♋19'39	-4.9m
retrograde	-8044 Jul 27 j 08:54	3°♋53'36	
	-8044 Aug 10 j 11:00	30°℞♊	
evening set	-8044 Aug 14 j 06:37	27°♊51'19	
inferior conj	-8044 Aug 17 j 01:03	26°♊11'06	-8°55'24
minimum elong	-8044 Aug 17 j 03:56	26°♊06'42	8°54'44
min. Earth dist.	-8044 Aug 16 j 20:30	26°♊18'00	0.26585 AU
morning rise	-8044 Aug 20 j 01:17	24°♊22'32	
direct	-8044 Sep 06 j 08:03	18°♊38'21	
greatest brilliancy	-8044 Sep 16 j 12:40	20°♊37'19	-4.9m
	-8044 Oct 02 j 13:59	0°♋	
asc. node	-8044 Oct 07 j 07:23	3°♋44'19	
morning max el	-8044 Oct 26 j 20:11	21°♋58'07	46°36'15
	-8044 Nov 03 j 13:48	0°♌	
	-8044 Nov 30 j 17:14	0°♍	
	-8044 Dec 26 j 16:54	0°♎	
	-8043 Jan 21 j 06:03	0°♏	
desc. node	-8043 Jan 27 j 21:04	7°♏50'19	
	-8043 Feb 15 j 12:21	0°♐	
	-8043 Mar 12 j 11:41	0°♑	
	-8043 Apr 06 j 03:48	0°♒	
morning set	-8043 Apr 25 j 05:10	23°♒24'52	
	-8043 Apr 30 j 13:06	0°♓	
asc. node	-8043 May 19 j 21:26	24°♓00'54	
	-8043 May 24 j 16:37	0°♈	
max. Earth dist.	-8043 May 26 j 15:26	2°♈26'04	1.72090 AU
superior conj	-8043 May 31 j 03:21	8°♈03'09	0°25'53
minimum elong	-8043 May 30 j 22:20	7°♈47'26	0°25'39
	-8043 Jun 17 j 15:52	0°♉	
evening rise	-8043 Jul 07 j 04:37	24°♉32'32	
	-8043 Jul 11 j 12:48	0°♊	
	-8043 Aug 04 j 09:49	0°♋	
	-8043 Aug 28 j 09:19	0°♌	
desc. node	-8043 Sep 09 j 07:51	14°♌51'13	
	-8043 Sep 21 j 13:20	0°♍	
	-8043 Oct 15 j 23:49	0°♎	
	-8043 Nov 09 j 20:30	0°♏	
	-8043 Dec 05 j 12:36	0°♐	
asc. node	-8043 Dec 30 j 12:40	27°♐23'41	
	-8042 Jan 02 j 01:13	0°♑	
evening max el	-8042 Jan 10 j 18:48	8°♑42'19	45°07'49
	-8042 Feb 05 j 10:13	0°♒	
greatest brilliancy	-8042 Feb 17 j 10:49	6°♒11'42	-4.7m
retrograde	-8042 Feb 27 j 23:45	8°♒11'31	
evening set	-8042 Mar 16 j 17:33	2°♒56'12	
inferior conj	-8042 Mar 21 j 10:56	0°♒04'20	6°17'40
minimum elong	-8042 Mar 21 j 19:37	29°♑50'48	6°15'39
	-8042 Mar 21 j 13:43	30°℞♑	
min. Earth dist.	-8042 Mar 22 j 12:28	29°♑24'31	0.29199 AU
morning rise	-8042 Mar 26 j 21:06	26°♑46'24	
direct	-8042 Apr 12 j 08:43	21°♑38'01	
desc. node	-8042 Apr 22 j 05:33	23°♑22'31	
greatest brilliancy	-8042 Apr 23 j 11:46	23°♑49'32	-4.7m
	-8042 May 05 j 06:24	0°♒	
morning max el	-8042 May 31 j 21:57	22°♒21'18	46°17'23
	-8042 Jun 08 j 12:54	0°♓	
	-8042 Jul 05 j 23:24	0°♈	
	-8042 Jul 31 j 10:02	0°♉	
asc. node	-8042 Aug 12 j 10:30	14°♉37'12	
	-8042 Aug 24 j 22:08	0°♊	
	-8042 Sep 17 j 23:56	0°♋	
	-8042 Oct 11 j 23:15	0°♌	
	-8042 Nov 05 j 00:49	0°♍	
	-8042 Nov 29 j 06:17	0°♎	
desc. node	-8042 Dec 02 j 20:54	4°♎27'14	
morning set	-8042 Dec 06 j 01:53	8°♎24'34	
	-8042 Dec 23 j 14:55	0°♏	
superior conj	-8041 Jan 14 j 18:09	27°♏11'30	-1°15'56
minimum elong	-8041 Jan 14 j 11:46	26°♏51'52	1°16'14
max. Earth dist.	-8041 Jan 15 j 05:12	27°♏45'24	1.73540 AU
	-8041 Jan 17 j 01:04	0°♐	
	-8041 Feb 10 j 11:36	0°♑	
evening rise	-8041 Feb 20 j 12:53	12°♑20'07	
greatest brilliancy	-8041 Feb 25 j 21:59	18°♑55'59	-3.9m
	-8041 Mar 06 j 22:33	0°♒	
asc. node	-8041 Mar 24 j 21:27	21°♒59'14	
	-8041 Mar 31 j 10:42	0°♓	
	-8041 Apr 25 j 01:02	0°♈	
	-8041 May 19 j 18:46	0°♉	
	-8041 Jun 13 j 18:18	0°♊	
	-8041 Jul 09 j 05:16	0°♋	
desc. node	-8041 Jul 15 j 10:43	7°♋11'40	
	-8041 Aug 04 j 17:41	0°♌	
evening max el	-8041 Aug 20 j 00:04	16°♌09'13	47°45'51
	-8041 Sep 03 j 09:09	0°♍	
greatest brilliancy	-8041 Sep 30 j 05:12	18°♍16'33	-4.9m
retrograde	-8041 Oct 10 j 05:54	20°♍14'04	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening set	-8041 Oct 25 j 02:36	15°♍43'24	
min. Earth dist.	-8041 Oct 30 j 08:59	12°♍31'36	0.27220 AU
inferior conj	-8041 Oct 31 j 01:32	12°♍05'24	-1°09'22
minimum elong	-8041 Oct 31 j 04:00	12°♍01'30	1°08'23
asc. node	-8041 Nov 04 j 17:55	9°♍12'36	
morning rise	-8041 Nov 06 j 06:11	8°♍21'21	
direct	-8041 Nov 20 j 12:03	4°♍13'10	
greatest brilliancy	-8041 Nov 29 j 18:45	5°♍51'09	-4.8m
	-8040 Jan 03 j 07:30	0°♎	
morning max el	-8040 Jan 08 j 17:19	5°♎07'09	46°05'26
	-8040 Feb 01 j 23:27	0°♏	
desc. node	-8040 Feb 25 j 09:25	25°♏47'30	
	-8040 Feb 29 j 02:51	0°♐	
	-8040 Mar 26 j 03:22	0°♑	
	-8040 Apr 20 j 10:12	0°♒	
	-8040 May 15 j 03:34	0°♓	
	-8040 Jun 08 j 10:22	0°♈	
asc. node	-8040 Jun 16 j 10:43	9°♈59'51	
	-8040 Jul 02 j 09:28	0°♉	
morning set	-8040 Jul 02 j 22:19	0°♉40'26	
	-8040 Jul 26 j 03:58	0°♊	
superior conj	-8040 Aug 11 j 01:51	20°♊07'36	1°23'19
minimum elong	-8040 Aug 11 j 01:46	20°♊07'19	1°23'50
max. Earth dist.	-8040 Aug 12 j 17:00	22°♊11'25	1.70746 AU
	-8040 Aug 18 j 21:14	0°♋	
	-8040 Sep 11 j 16:13	0°♌	
evening rise	-8040 Sep 22 j 04:27	13°♌11'51	
	-8040 Oct 05 j 14:51	0°♍	
desc. node	-8040 Oct 06 j 20:33	1°♍32'40	
	-8040 Oct 29 j 17:56	0°♎	
	-8040 Nov 23 j 01:58	0°♏	
	-8040 Dec 17 j 16:34	0°♐	
	-8039 Jan 11 j 18:02	0°♑	
asc. node	-8039 Jan 26 j 23:35	17°♑49'02	
	-8039 Feb 06 j 14:57	0°♒	
	-8039 Mar 06 j 01:32	0°♓	
evening max el	-8039 Mar 23 j 07:04	17°♓12'56	45°14'26
	-8039 Apr 06 j 18:37	0°♈	
greatest brilliancy	-8039 Apr 30 j 16:06	14°♈36'09	-4.7m
retrograde	-8039 May 10 j 20:01	16°♈25'28	
desc. node	-8039 May 19 j 16:00	14°♈54'57	
evening set	-8039 May 25 j 09:59	12°♈25'03	
inferior conj	-8039 May 31 j 20:01	8°♈45'23	-2°52'00
minimum elong	-8039 May 31 j 13:47	8°♈54'44	2°50'12
min. Earth dist.	-8039 Jun 01 j 07:08	8°♈28'47	0.27408 AU
morning rise	-8039 Jun 06 j 16:55	5°♈21'53	
direct	-8039 Jun 22 j 00:49	0°♈54'33	
greatest brilliancy	-8039 Jul 03 j 06:54	3°♈14'01	-4.9m
	-8039 Aug 07 j 21:11	0°♉	
morning max el	-8039 Aug 11 j 13:05	3°♉39'53	46°44'46
	-8039 Sep 04 j 19:53	0°♊	
asc. node	-8039 Sep 08 j 22:33	4°♊42'37	
	-8039 Sep 30 j 10:00	0°♋	
	-8039 Oct 25 j 05:06	0°♌	
	-8039 Nov 18 j 19:18	0°♍	
	-8039 Dec 13 j 10:08	0°♎	
desc. node	-8039 Dec 30 j 10:18	20°♎40'50	
	-8038 Jan 07 j 02:18	0°♏	
	-8038 Jan 31 j 18:13	0°♐	
morning set	-8038 Feb 15 j 10:32	17°♐54'08	
	-8038 Feb 25 j 08:02	0°♑	
max. Earth dist.	-8038 Mar 20 j 05:17	28°♑04'28	1.73594 AU
	-8038 Mar 21 j 18:51	0°♒	
superior conj	-8038 Mar 23 j 05:58	1°♒48'02	-1°00'10
minimum elong	-8038 Mar 23 j 13:55	2°♒12'28	1°00'24
	-8038 Apr 15 j 02:47	0°♓	
asc. node	-8038 Apr 21 j 10:18	7°♓48'11	
evening rise	-8038 Apr 27 j 15:16	15°♓29'01	
	-8038 May 09 j 08:31	0°♈	
	-8038 Jun 02 j 13:03	0°♉	
	-8038 Jun 26 j 17:47	0°♊	
	-8038 Jul 21 j 00:49	0°♋	
desc. node	-8038 Aug 11 j 22:03	26°♋47'57	
	-8038 Aug 14 j 13:13	0°♌	
	-8038 Sep 08 j 11:46	0°♍	
	-8038 Oct 04 j 06:29	0°♎	
evening max el	-8038 Oct 29 j 20:39	27°♎40'37	46°35'50
	-8038 Nov 01 j 04:06	0°♏	
asc. node	-8038 Dec 02 j 04:26	25°♏23'51	
greatest brilliancy	-8038 Dec 07 j 21:45	28°♏08'46	-4.8m
	-8038 Dec 14 j 02:10	0°♐	
retrograde	-8038 Dec 19 j 02:30	0°♐29'38	
	-8038 Dec 23 j 23:50	30°℞♏	
evening set	-8037 Jan 04 j 16:38	25°♏01'33	
inferior conj	-8037 Jan 09 j 09:50	22°♏02'48	7°13'05
minimum elong	-8037 Jan 09 j 02:34	22°♏14'32	7°11'45
min. Earth dist.	-8037 Jan 08 j 20:51	22°♏23'44	0.29188 AU
morning rise	-8037 Jan 13 j 12:53	19°♏26'11	
direct	-8037 Jan 30 j 22:58	13°♏37'53	
greatest brilliancy	-8037 Feb 08 j 23:00	15°♏06'52	-4.7m
	-8037 Mar 05 j 17:20	0°♐	
morning max el	-8037 Mar 20 j 16:29	13°♐14'09	45°54'23
desc. node	-8037 Mar 24 j 20:56	17°♐15'45	
	-8037 Apr 06 j 11:18	0°♑	
	-8037 May 03 j 22:00	0°♒	
	-8037 May 29 j 17:00	0°♓	
	-8037 Jun 23 j 13:18	0°♈	
asc. node	-8037 Jul 15 j 00:01	26°♈30'41	
	-8037 Jul 17 j 19:07	0°♉	
	-8037 Aug 10 j 16:18	0°♊	
	-8037 Sep 03 j 09:59	0°♋	
morning set	-8037 Sep 17 j 08:06	17°♋35'25	
	-8037 Sep 27 j 04:24	0°♌	
	-8037 Oct 21 j 02:19	0°♍	
superior conj	-8037 Oct 29 j 15:36	10°♍40'28	0°13'07
minimum elong	-8037 Oct 29 j 19:12	10°♍51'41	0°13'11
behind sun begin	-8037 Oct 29 j 03:01	10°♍01'15	
behind sun end	-8037 Oct 30 j 11:22	11°♍42'05	
desc. node	-8037 Nov 04 j 09:34	17°♍50'00	
max. Earth dist.	-8037 Nov 04 j 20:39	18°♍24'30	1.71931 AU
	-8037 Nov 14 j 04:32	0°♎	
	-8037 Dec 08 j 10:30	0°♏	
evening rise	-8037 Dec 10 j 06:41	2°♏16'17	
	-8036 Jan 01 j 19:33	0°♐	
	-8036 Jan 26 j 08:12	0°♑	
	-8036 Feb 20 j 02:28	0°♒	
asc. node	-8036 Feb 24 j 11:22	5°♒15'16	
	-8036 Mar 16 j 05:30	0°♓	
	-8036 Apr 10 j 21:40	0°♈	
	-8036 May 07 j 11:40	0°♉	
evening max el	-8036 Jun 04 j 14:43	29°♉29'17	46°47'11
	-8036 Jun 05 j 03:16	0°♊	
desc. node	-8036 Jun 16 j 02:25	10°♊15'06	
greatest brilliancy	-8036 Jul 15 j 17:01	29°♊49'16	-4.9m
	-8036 Jul 16 j 06:25	0°♋	
retrograde	-8036 Jul 24 j 20:00	1°♋22'35	
	-8036 Aug 02 j 02:49	30°℞♊	
evening set	-8036 Aug 11 j 18:39	25°♊20'42	
inferior conj	-8036 Aug 14 j 12:58	23°♊40'54	-8°57'41
minimum elong	-8036 Aug 14 j 14:53	23°♊38'00	8°57'07
min. Earth dist.	-8036 Aug 14 j 08:58	23°♊46'59	0.26591 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning rise	-8036 Aug 17 j 11:06	21°♊55'31	
direct	-8036 Sep 03 j 19:40	16°♊07'58	
greatest brilliancy	-8036 Sep 14 j 02:24	18°♊08'27	-4.9m
	-8036 Oct 03 j 07:25	0°♋	
asc. node	-8036 Oct 06 j 09:32	2°♋33'16	
morning max el	-8036 Oct 24 j 08:15	19°♋27'49	46°37'16
	-8036 Nov 03 j 10:05	0°♌	
	-8036 Nov 30 j 08:54	0°♍	
	-8036 Dec 26 j 06:32	0°♎	
	-8035 Jan 20 j 18:33	0°♏	
desc. node	-8035 Jan 26 j 23:14	7°♏20'19	
	-8035 Feb 15 j 00:07	0°♐	
	-8035 Mar 11 j 22:59	0°♑	
	-8035 Apr 05 j 14:50	0°♒	
morning set	-8035 Apr 23 j 00:27	21°♒22'30	
	-8035 Apr 30 j 00:02	0°♓	
asc. node	-8035 May 18 j 23:31	23°♓33'16	
	-8035 May 24 j 03:36	0°♈	
max. Earth dist.	-8035 May 24 j 10:44	0°♈22'16	1.72159 AU
superior conj	-8035 May 28 j 21:01	5°♈54'00	0°22'51
minimum elong	-8035 May 28 j 16:33	5°♈40'04	0°22'38
	-8035 Jun 17 j 02:59	0°♉	
evening rise	-8035 Jul 04 j 19:26	22°♉12'53	
	-8035 Jul 11 j 00:06	0°♊	
	-8035 Aug 03 j 21:20	0°♋	
	-8035 Aug 27 j 21:05	0°♌	
desc. node	-8035 Sep 08 j 09:59	14°♌21'00	
	-8035 Sep 21 j 01:22	0°♍	
	-8035 Oct 15 j 12:17	0°♎	
	-8035 Nov 09 j 09:44	0°♏	
	-8035 Dec 05 j 03:29	0°♐	
asc. node	-8035 Dec 29 j 14:56	26°♐40'59	
	-8034 Jan 01 j 20:42	0°♑	
evening max el	-8034 Jan 08 j 10:06	6°♑30'01	45°09'38
	-8034 Feb 06 j 13:43	0°♒	
greatest brilliancy	-8034 Feb 15 j 02:01	4°♒03'26	-4.7m
retrograde	-8034 Feb 25 j 16:47	6°♒05'04	
evening set	-8034 Mar 14 j 12:30	0°♒45'23	
	-8034 Mar 15 j 19:21	30°℞♑	
inferior conj	-8034 Mar 19 j 03:41	27°♑56'35	6°28'53
minimum elong	-8034 Mar 19 j 12:12	27°♑43'18	6°26'59
min. Earth dist.	-8034 Mar 20 j 04:28	27°♑17'56	0.29246 AU
morning rise	-8034 Mar 24 j 11:23	24°♑42'14	
direct	-8034 Apr 10 j 01:40	19°♑29'22	
greatest brilliancy	-8034 Apr 21 j 03:39	21°♑40'15	-4.7m
desc. node	-8034 Apr 21 j 07:34	21°♑43'57	
	-8034 May 06 j 02:57	0°♒	
morning max el	-8034 May 29 j 14:53	20°♒11'15	46°16'17
	-8034 Jun 08 j 08:26	0°♓	
	-8034 Jul 05 j 14:32	0°♈	
	-8034 Jul 30 j 23:28	0°♉	
asc. node	-8034 Aug 11 j 12:45	14°♉04'19	
	-8034 Aug 24 j 10:44	0°♊	
	-8034 Sep 17 j 12:04	0°♋	
	-8034 Oct 11 j 11:06	0°♌	
	-8034 Nov 04 j 12:25	0°♍	
	-8034 Nov 28 j 17:40	0°♎	
desc. node	-8034 Dec 01 j 23:02	3°♎58'45	
morning set	-8034 Dec 03 j 13:48	5°♎58'18	
	-8034 Dec 23 j 02:07	0°♏	
superior conj	-8033 Jan 12 j 10:06	24°♏59'00	-1°14'41
minimum elong	-8033 Jan 12 j 03:08	24°♏37'40	1°14'58
max. Earth dist.	-8033 Jan 13 j 00:34	25°♏43'26	1.73510 AU
	-8033 Jan 16 j 12:09	0°♐	
	-8033 Feb 09 j 22:40	0°♑	

evening rise	-8033 Feb 18 j 07:31	10°♑16'03	
greatest brilliancy	-8033 Feb 24 j 14:11	17°♑58'02	-3.9m
	-8033 Mar 06 j 09:44	0°♒	
asc. node	-8033 Mar 23 j 23:32	21°♒31'00	
	-8033 Mar 30 j 22:07	0°♓	
	-8033 Apr 24 j 12:53	0°♈	
	-8033 May 19 j 07:18	0°♉	
	-8033 Jun 13 j 07:53	0°♊	
	-8033 Jul 08 j 20:38	0°♋	
desc. node	-8033 Jul 14 j 12:59	6°♋32'25	
	-8033 Aug 04 j 12:45	0°♌	
evening max el	-8033 Aug 17 j 15:48	13°♌48'50	47°46'06
	-8033 Sep 03 j 17:09	0°♍	
greatest brilliancy	-8033 Sep 27 j 20:29	15°♍52'02	-4.9m
retrograde	-8033 Oct 07 j 21:00	17°♍49'06	
evening set	-8033 Oct 22 j 18:13	13°♍16'50	
min. Earth dist.	-8033 Oct 27 j 23:30	10°♍06'46	0.27166 AU
inferior conj	-8033 Oct 28 j 15:41	9°♍41'13	-1°31'36
minimum elong	-8033 Oct 28 j 18:56	9°♍36'05	1°30'22
morning rise	-8033 Nov 03 j 20:28	5°♍57'41	
asc. node	-8033 Nov 03 j 20:06	5°♍58'10	
direct	-8033 Nov 18 j 01:57	1°♍50'06	
greatest brilliancy	-8033 Nov 27 j 08:49	3°♍28'48	-4.8m
	-8032 Jan 03 j 08:52	0°♎	
morning max el	-8032 Jan 06 j 09:06	2°♎52'48	46°06'22
	-8032 Feb 01 j 16:23	0°♏	
desc. node	-8032 Feb 24 j 11:36	25°♏13'10	
	-8032 Feb 28 j 16:54	0°♐	
	-8032 Mar 25 j 16:02	0°♑	
	-8032 Apr 19 j 22:09	0°♒	
	-8032 May 14 j 15:06	0°♓	
	-8032 Jun 07 j 21:42	0°♈	
asc. node	-8032 Jun 15 j 12:57	9°♈31'30	
morning set	-8032 Jun 30 j 13:20	28°♈21'22	
	-8032 Jul 01 j 20:42	0°♉	
	-8032 Jul 25 j 15:14	0°♊	
superior conj	-8032 Aug 08 j 13:32	17°♊37'00	1°23'13
minimum elong	-8032 Aug 08 j 12:27	17°♊33'35	1°23'44
max. Earth dist.	-8032 Aug 09 j 21:23	19°♊17'42	1.70754 AU
	-8032 Aug 18 j 08:35	0°♋	
	-8032 Sep 11 j 03:40	0°♌	
evening rise	-8032 Sep 19 j 12:07	10°♌29'24	
	-8032 Oct 05 j 02:23	0°♍	
desc. node	-8032 Oct 05 j 22:33	1°♍02'53	
	-8032 Oct 29 j 05:35	0°♎	
	-8032 Nov 22 j 13:48	0°♏	
	-8032 Dec 17 j 04:46	0°♐	
	-8031 Jan 11 j 06:59	0°♑	
asc. node	-8031 Jan 26 j 01:54	17°♑16'04	
	-8031 Feb 06 j 05:31	0°♒	
	-8031 Mar 05 j 20:07	0°♓	
evening max el	-8031 Mar 20 j 22:04	14°♓58'39	45°12'25
	-8031 Apr 07 j 05:57	0°♈	
greatest brilliancy	-8031 Apr 28 j 05:21	12°♈17'18	-4.7m
retrograde	-8031 May 08 j 08:49	14°♈06'02	
desc. node	-8031 May 18 j 18:18	12°♈01'48	
evening set	-8031 May 22 j 22:46	10°♈06'43	
inferior conj	-8031 May 29 j 09:34	6°♈25'41	-2°30'44
minimum elong	-8031 May 29 j 04:02	6°♈33'59	2°29'09
min. Earth dist.	-8031 May 29 j 21:50	6°♈07'17	0.27457 AU
morning rise	-8031 Jun 04 j 08:34	2°♈58'48	
	-8031 Jun 11 j 02:16	30°℞♓	
direct	-8031 Jun 19 j 15:16	28°♓33'52	
	-8031 Jun 28 j 09:57	0°♈	
greatest brilliancy	-8031 Jun 30 j 21:43	0°♈53'09	-4.9m
	-8031 Aug 07 j 21:01	0°♉	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning max el	-8031 Aug 09 j 02:01	1°♉13'09	46°44'16
	-8031 Sep 04 j 12:43	0°♊	
asc. node	-8031 Sep 08 j 00:40	4°♊01'35	
	-8031 Sep 30 j 00:23	0°♋	
	-8031 Oct 24 j 18:17	0°♌	
	-8031 Nov 18 j 07:46	0°♍	
	-8031 Dec 12 j 22:06	0°♎	
desc. node	-8031 Dec 29 j 12:28	20°♎11'46	
	-8030 Jan 06 j 13:55	0°♏	
	-8030 Jan 31 j 05:33	0°♐	
morning set	-8030 Feb 13 j 04:11	15°♐47'23	
	-8030 Feb 24 j 19:09	0°♑	
max. Earth dist.	-8030 Mar 18 j 01:28	26°♑05'07	1.73618 AU
superior conj	-8030 Mar 21 j 01:20	29°♑46'01	-1°02'07
minimum elong	-8030 Mar 21 j 09:13	0°♒10'16	1°02'22
	-8030 Mar 21 j 05:53	0°♒	
	-8030 Apr 14 j 13:52	0°♓	
asc. node	-8030 Apr 20 j 12:24	7°♓20'16	
evening rise	-8030 Apr 25 j 10:38	13°♓25'49	
	-8030 May 08 j 19:48	0°♈	
	-8030 Jun 02 j 00:38	0°♉	
	-8030 Jun 26 j 05:44	0°♊	
	-8030 Jul 20 j 13:14	0°♋	
desc. node	-8030 Aug 11 j 00:13	26°♋15'05	
	-8030 Aug 14 j 02:17	0°♌	
	-8030 Sep 08 j 01:56	0°♍	
	-8030 Oct 03 j 22:52	0°♎	
evening max el	-8030 Oct 27 j 11:51	25°♎22'38	46°39'08
	-8030 Nov 01 j 02:59	0°♏	
asc. node	-8030 Dec 01 j 06:44	23°♏57'26	
greatest brilliancy	-8030 Dec 05 j 16:03	25°♏59'17	-4.8m
retrograde	-8030 Dec 16 j 19:23	28°♏19'19	
evening set	-8029 Jan 02 j 07:23	22°♏55'11	
min. Earth dist.	-8029 Jan 06 j 13:18	20°♏14'52	0.29135 AU
inferior conj	-8029 Jan 07 j 02:59	19°♏52'44	7°04'27
minimum elong	-8029 Jan 06 j 19:22	20°♏05'04	7°03'01
morning rise	-8029 Jan 11 j 07:44	17°♏13'20	
direct	-8029 Jan 28 j 15:01	11°♏28'42	
greatest brilliancy	-8029 Feb 06 j 14:52	12°♏57'15	-4.7m
	-8029 Mar 06 j 00:12	0°♐	
morning max el	-8029 Mar 18 j 07:25	11°♐01'54	45°54'11
desc. node	-8029 Mar 23 j 22:57	16°♐29'23	
	-8029 Apr 06 j 05:01	0°♑	
	-8029 May 03 j 12:18	0°♒	
	-8029 May 29 j 05:50	0°♓	
	-8029 Jun 23 j 01:26	0°♈	
asc. node	-8029 Jul 14 j 02:09	26°♈00'30	
	-8029 Jul 17 j 06:53	0°♉	
	-8029 Aug 10 j 03:53	0°♊	
	-8029 Sep 02 j 21:26	0°♋	
morning set	-8029 Sep 14 j 18:03	14°♋59'15	
	-8029 Sep 26 j 15:47	0°♌	
	-8029 Oct 20 j 13:38	0°♍	
superior conj	-8029 Oct 27 j 00:55	8°♍04'42	0°16'56
minimum elong	-8029 Oct 27 j 05:32	8°♍19'07	0°16'59
max. Earth dist.	-8029 Nov 02 j 08:27	15°♍56'44	1.71862 AU
desc. node	-8029 Nov 03 j 11:45	17°♍21'41	
	-8029 Nov 13 j 15:48	0°♎	
evening rise	-8029 Dec 07 j 19:46	29°♎53'56	
	-8029 Dec 07 j 21:44	0°♏	
	-8028 Jan 01 j 06:50	0°♐	
	-8028 Jan 25 j 19:40	0°♑	
	-8028 Feb 19 j 14:23	0°♒	
asc. node	-8028 Feb 23 j 13:26	4°♒45'25	
	-8028 Mar 15 j 18:14	0°♓	
	-8028 Apr 10 j 11:53	0°♈	
	-8028 May 07 j 04:50	0°♉	
evening max el	-8028 Jun 02 j 02:20	27°♉00'45	46°43'36
	-8028 Jun 05 j 04:23	0°♊	
desc. node	-8028 Jun 15 j 04:40	9°♊10'33	
greatest brilliancy	-8028 Jul 13 j 04:30	27°♊18'05	-4.9m
retrograde	-8028 Jul 22 j 07:25	28°♊51'39	
evening set	-8028 Aug 09 j 06:02	22°♊50'34	
inferior conj	-8028 Aug 12 j 00:50	21°♊10'25	-8°58'53
minimum elong	-8028 Aug 12 j 01:45	21°♊09'01	8°58'22
min. Earth dist.	-8028 Aug 11 j 21:04	21°♊16'06	0.26602 AU
morning rise	-8028 Aug 14 j 21:26	19°♊27'33	
direct	-8028 Sep 01 j 07:31	13°♊37'06	
greatest brilliancy	-8028 Sep 11 j 15:58	15°♊39'11	-4.9m
	-8028 Oct 03 j 20:36	0°♋	
asc. node	-8028 Oct 05 j 11:41	1°♋23'53	
morning max el	-8028 Oct 21 j 21:13	16°♋59'29	46°38'24
	-8028 Nov 03 j 05:50	0°♌	
	-8028 Nov 30 j 00:23	0°♍	
	-8028 Dec 25 j 20:05	0°♎	
	-8027 Jan 20 j 07:01	0°♏	
desc. node	-8027 Jan 26 j 01:21	6°♏50'12	
	-8027 Feb 14 j 11:53	0°♐	
	-8027 Mar 11 j 10:20	0°♑	
	-8027 Apr 05 j 01:57	0°♒	
morning set	-8027 Apr 20 j 19:34	19°♒19'28	
	-8027 Apr 29 j 11:03	0°♓	
asc. node	-8027 May 18 j 01:45	23°♓05'57	
max. Earth dist.	-8027 May 22 j 05:59	28°♓18'14	1.72221 AU
	-8027 May 23 j 14:37	0°♈	
superior conj	-8027 May 26 j 14:34	3°♈44'29	0°19'46
minimum elong	-8027 May 26 j 10:41	3°♈32'23	0°19'34
	-8027 Jun 16 j 14:05	0°♉	
evening rise	-8027 Jul 02 j 10:21	19°♉53'41	
	-8027 Jul 10 j 11:23	0°♊	
	-8027 Aug 03 j 08:50	0°♋	
	-8027 Aug 27 j 08:50	0°♌	
desc. node	-8027 Sep 07 j 12:02	13°♌50'30	
	-8027 Sep 20 j 13:26	0°♍	
	-8027 Oct 15 j 00:46	0°♎	
	-8027 Nov 08 j 22:59	0°♏	
	-8027 Dec 04 j 18:28	0°♐	
asc. node	-8027 Dec 28 j 17:11	25°♐57'57	
	-8026 Jan 01 j 16:40	0°♑	
evening max el	-8026 Jan 06 j 02:04	4°♑19'38	45°11'29
	-8026 Feb 08 j 05:20	0°♒	
greatest brilliancy	-8026 Feb 12 j 17:05	1°♒55'16	-4.7m
retrograde	-8026 Feb 23 j 09:52	3°♒58'35	
	-8026 Mar 09 j 18:00	30°℞♑	
evening set	-8026 Mar 12 j 07:24	28°♑34'47	
inferior conj	-8026 Mar 16 j 20:22	25°♑48'47	6°39'34
minimum elong	-8026 Mar 17 j 04:40	25°♑35'50	6°37'46
min. Earth dist.	-8026 Mar 17 j 20:01	25°♑11'53	0.29295 AU
morning rise	-8026 Mar 22 j 01:32	22°♑38'05	
direct	-8026 Apr 07 j 19:04	17°♑20'52	
greatest brilliancy	-8026 Apr 18 j 18:52	19°♑30'18	-4.7m
desc. node	-8026 Apr 20 j 09:54	20°♑08'55	
	-8026 May 06 j 18:20	0°♒	
morning max el	-8026 May 27 j 08:02	18°♒01'57	46°15'09
	-8026 Jun 08 j 03:27	0°♓	
	-8026 Jul 05 j 05:27	0°♈	
	-8026 Jul 30 j 12:43	0°♉	
asc. node	-8026 Aug 10 j 14:51	13°♉31'28	
	-8026 Aug 23 j 23:09	0°♊	
	-8026 Sep 17 j 00:02	0°♋	
	-8026 Oct 10 j 22:46	0°♌	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8026 Nov 03 j 23:53	0°♍	
	-8026 Nov 28 j 04:55	0°♎	
morning set	-8026 Dec 01 j 01:38	3°♎32'06	
desc. node	-8026 Dec 01 j 01:12	3°♎30'46	
	-8026 Dec 22 j 13:10	0°♏	
superior conj	-8025 Jan 10 j 01:53	22°♏46'27	-1°13'19
minimum elong	-8025 Jan 09 j 18:24	22°♏23'27	1°13'33
max. Earth dist.	-8025 Jan 10 j 21:34	23°♏46'54	1.73476 AU
	-8025 Jan 15 j 23:04	0°♐	
	-8025 Feb 09 j 09:34	0°♑	
evening rise	-8025 Feb 16 j 02:07	8°♑12'30	
greatest brilliancy	-8025 Feb 23 j 08:09	17°♑06'05	-3.9m
	-8025 Mar 05 j 20:44	0°♒	
asc. node	-8025 Mar 23 j 01:41	21°♒03'28	
	-8025 Mar 30 j 09:24	0°♓	
	-8025 Apr 24 j 00:38	0°♈	
	-8025 May 18 j 19:46	0°♉	
	-8025 Jun 12 j 21:28	0°♊	
	-8025 Jul 08 j 12:04	0°♋	
desc. node	-8025 Jul 13 j 15:08	5°♋52'53	
	-8025 Aug 04 j 08:08	0°♌	
evening max el	-8025 Aug 15 j 07:49	11°♌29'45	47°46'18
	-8025 Sep 04 j 03:34	0°♍	
greatest brilliancy	-8025 Sep 25 j 11:42	13°♍28'05	-4.9m
retrograde	-8025 Oct 05 j 11:53	15°♍24'19	
evening set	-8025 Oct 20 j 09:58	10°♍50'34	
min. Earth dist.	-8025 Oct 25 j 13:53	7°♍42'21	0.27112 AU
inferior conj	-8025 Oct 26 j 05:44	7°♍17'22	-1°53'52
minimum elong	-8025 Oct 26 j 09:45	7°♍11'02	1°52'22
morning rise	-8025 Nov 01 j 10:24	3°♍34'27	
asc. node	-8025 Nov 02 j 22:29	2°♍47'19	
	-8025 Nov 10 j 14:04	30°℞♌	
direct	-8025 Nov 15 j 16:05	29°♌27'34	
	-8025 Nov 20 j 21:18	0°♍	
greatest brilliancy	-8025 Nov 24 j 22:41	1°♍06'32	-4.8m
	-8024 Jan 03 j 08:45	0°♎	
morning max el	-8024 Jan 04 j 00:12	0°♎37'20	46°07'17
	-8024 Feb 01 j 08:43	0°♏	
desc. node	-8024 Feb 23 j 13:38	24°♏39'24	
	-8024 Feb 28 j 06:32	0°♐	
	-8024 Mar 25 j 04:22	0°♑	
	-8024 Apr 19 j 09:46	0°♒	
	-8024 May 14 j 02:21	0°♓	
	-8024 Jun 07 j 08:47	0°♈	
asc. node	-8024 Jun 14 j 15:06	9°♈03'36	
morning set	-8024 Jun 28 j 04:11	26°♈02'28	
	-8024 Jul 01 j 07:45	0°♉	
	-8024 Jul 25 j 02:19	0°♊	
superior conj	-8024 Aug 06 j 01:07	15°♊06'42	1°22'56
minimum elong	-8024 Aug 05 j 23:05	15°♊00'19	1°23'26
max. Earth dist.	-8024 Aug 06 j 21:43	16°♊11'51	1.70763 AU
	-8024 Aug 17 j 19:44	0°♋	
	-8024 Sep 10 j 14:52	0°♌	
evening rise	-8024 Sep 16 j 19:29	7°♌46'43	
	-8024 Oct 04 j 13:39	0°♍	
desc. node	-8024 Oct 05 j 00:45	0°♍34'36	
	-8024 Oct 28 j 16:57	0°♎	
	-8024 Nov 22 j 01:22	0°♏	
	-8024 Dec 16 j 16:42	0°♐	
	-8023 Jan 10 j 19:42	0°♑	
asc. node	-8023 Jan 25 j 04:02	16°♑43'19	
	-8023 Feb 05 j 19:55	0°♒	
	-8023 Mar 05 j 14:47	0°♓	
evening max el	-8023 Mar 18 j 12:09	12°♓43'19	45°10'31
	-8023 Apr 07 j 20:22	0°♈	

greatest brilliancy	-8023 Apr 25 j 18:51	10°♈00'01	-4.7m
retrograde	-8023 May 05 j 21:23	11°♈48'10	
desc. node	-8023 May 17 j 20:29	9°♈05'15	
evening set	-8023 May 20 j 11:47	7°♈49'17	
inferior conj	-8023 May 26 j 23:11	4°♈07'25	-2°09'27
minimum elong	-8023 May 26 j 18:24	4°♈14'37	2°08'04
min. Earth dist.	-8023 May 27 j 12:52	3°♈46'52	0.27513 AU
morning rise	-8023 Jun 02 j 00:08	0°♈37'19	
	-8023 Jun 03 j 04:45	30°℞♓	
direct	-8023 Jun 17 j 05:18	26°♓14'18	
greatest brilliancy	-8023 Jun 28 j 13:13	28°♓34'12	-4.9m
	-8023 Jul 01 j 19:11	0°♈	
morning max el	-8023 Aug 06 j 14:28	28°♈45'49	46°43'40
	-8023 Aug 07 j 19:39	0°♉	
	-8023 Sep 04 j 05:05	0°♊	
asc. node	-8023 Sep 07 j 02:51	3°♊21'42	
	-8023 Sep 29 j 14:26	0°♋	
	-8023 Oct 24 j 07:09	0°♌	
	-8023 Nov 17 j 19:54	0°♍	
	-8023 Dec 12 j 09:44	0°♎	
desc. node	-8023 Dec 28 j 14:30	19°♎43'21	
	-8022 Jan 06 j 01:11	0°♏	
	-8022 Jan 30 j 16:32	0°♐	
morning set	-8022 Feb 10 j 21:43	13°♐41'09	
	-8022 Feb 24 j 05:58	0°♑	
max. Earth dist.	-8022 Mar 15 j 20:50	24°♑04'08	1.73641 AU
superior conj	-8022 Mar 18 j 20:51	27°♑45'26	-1°03'59
minimum elong	-8022 Mar 19 j 04:38	28°♑09'24	1°04'16
	-8022 Mar 20 j 16:37	0°♒	
	-8022 Apr 14 j 00:39	0°♓	
asc. node	-8022 Apr 19 j 14:41	6°♓53'58	
evening rise	-8022 Apr 23 j 06:13	11°♓24'26	
	-8022 May 08 j 06:46	0°♈	
	-8022 Jun 01 j 11:54	0°♉	
	-8022 Jun 25 j 17:24	0°♊	
	-8022 Jul 20 j 01:25	0°♋	
desc. node	-8022 Aug 10 j 02:16	25°♋42'24	
	-8022 Aug 13 j 15:13	0°♌	
	-8022 Sep 07 j 16:02	0°♍	
	-8022 Oct 03 j 15:21	0°♎	
evening max el	-8022 Oct 25 j 02:18	23°♎03'16	46°42'42
	-8022 Nov 01 j 02:37	0°♏	
asc. node	-8022 Nov 30 j 08:55	22°♏28'35	
greatest brilliancy	-8022 Dec 03 j 10:05	23°♏49'57	-4.8m
retrograde	-8022 Dec 14 j 12:24	26°♏09'44	
evening set	-8022 Dec 30 j 22:04	20°♏49'12	
min. Earth dist.	-8021 Jan 04 j 05:42	18°♏06'33	0.29081 AU
inferior conj	-8021 Jan 04 j 20:07	17°♏43'17	6°55'16
minimum elong	-8021 Jan 04 j 12:11	17°♏56'06	6°53'42
morning rise	-8021 Jan 09 j 02:39	15°♏01'05	
direct	-8021 Jan 26 j 06:43	9°♏19'58	
greatest brilliancy	-8021 Feb 04 j 06:57	10°♏48'38	-4.7m
	-8021 Mar 06 j 04:37	0°♐	
morning max el	-8021 Mar 15 j 22:46	8°♐51'27	45°54'04
desc. node	-8021 Mar 23 j 01:15	15°♐45'13	
	-8021 Apr 05 j 22:02	0°♑	
	-8021 May 03 j 02:08	0°♒	
	-8021 May 28 j 18:18	0°♓	
	-8021 Jun 22 j 13:13	0°♈	
asc. node	-8021 Jul 13 j 04:16	25°♈31'20	
	-8021 Jul 16 j 18:20	0°♉	
	-8021 Aug 09 j 15:10	0°♊	
	-8021 Sep 02 j 08:39	0°♋	
morning set	-8021 Sep 12 j 03:53	12°♋23'22	
	-8021 Sep 26 j 02:57	0°♌	
	-8021 Oct 20 j 00:46	0°♍	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

superior conj	-8021 Oct 24 j 09:40	5°♍27'36	0°20'47
minimum elong	-8021 Oct 24 j 15:18	5°♍45'11	0°20'48
max. Earth dist.	-8021 Oct 30 j 16:38	13°♍18'14	1.71794 AU
desc. node	-8021 Nov 02 j 13:55	16°♍53'53	
	-8021 Nov 13 j 02:53	0°♎	
evening rise	-8021 Dec 05 j 08:14	27°♎30'13	
	-8021 Dec 07 j 08:47	0°♏	
	-8021 Dec 31 j 17:54	0°♐	
	-8020 Jan 25 j 06:56	0°♑	
	-8020 Feb 19 j 02:06	0°♒	
asc. node	-8020 Feb 22 j 15:38	4°♒16'34	
	-8020 Mar 15 j 06:50	0°♓	
	-8020 Apr 10 j 02:02	0°♈	
	-8020 May 06 j 22:05	0°♉	
evening max el	-8020 May 30 j 14:45	24°♉35'23	46°40'08
	-8020 Jun 05 j 06:23	0°♊	
desc. node	-8020 Jun 14 j 06:50	8°♊05'04	
greatest brilliancy	-8020 Jul 10 j 15:18	24°♊47'36	-4.9m
retrograde	-8020 Jul 19 j 19:31	26°♊22'17	
evening set	-8020 Aug 06 j 16:58	20°♊22'35	
inferior conj	-8020 Aug 09 j 12:47	18°♊41'14	-8°59'01
minimum elong	-8020 Aug 09 j 12:44	18°♊41'20	8°58'30
min. Earth dist.	-8020 Aug 09 j 08:51	18°♊47'11	0.26615 AU
morning rise	-8020 Aug 12 j 08:28	17°♊00'05	
direct	-8020 Aug 29 j 20:04	11°♊07'40	
greatest brilliancy	-8020 Sep 09 j 05:03	13°♊10'38	-4.9m
	-8020 Oct 04 j 06:05	0°♋	
asc. node	-8020 Oct 04 j 14:05	0°♋17'42	
morning max el	-8020 Oct 19 j 11:05	14°♋34'05	46°39'14
	-8020 Nov 03 j 00:51	0°♌	
	-8020 Nov 29 j 15:33	0°♍	
	-8020 Dec 25 j 09:27	0°♎	
	-8019 Jan 19 j 19:18	0°♏	
desc. node	-8019 Jan 25 j 03:27	6°♏20'24	
	-8019 Feb 13 j 23:29	0°♐	
	-8019 Mar 10 j 21:30	0°♑	
	-8019 Apr 04 j 12:53	0°♒	
morning set	-8019 Apr 18 j 14:46	17°♒17'13	
	-8019 Apr 28 j 21:55	0°♓	
asc. node	-8019 May 17 j 03:50	22°♓38'37	
max. Earth dist.	-8019 May 19 j 23:57	26°♓10'41	1.72282 AU
	-8019 May 23 j 01:31	0°♈	
superior conj	-8019 May 24 j 08:22	1°♈36'13	0°16'42
minimum elong	-8019 May 24 j 05:06	1°♈25'59	0°16'29
	-8019 Jun 16 j 01:05	0°♉	
evening rise	-8019 Jun 30 j 01:42	17°♉36'19	
	-8019 Jul 09 j 22:31	0°♊	
	-8019 Aug 02 j 20:11	0°♋	
	-8019 Aug 26 j 20:26	0°♌	
desc. node	-8019 Sep 06 j 14:17	13°♌21'13	
	-8019 Sep 20 j 01:21	0°♍	
	-8019 Oct 14 j 13:09	0°♎	
	-8019 Nov 08 j 12:14	0°♏	
	-8019 Dec 04 j 09:37	0°♐	
asc. node	-8019 Dec 27 j 19:22	25°♐14'10	
	-8018 Jan 01 j 13:16	0°♑	
evening max el	-8018 Jan 03 j 18:37	2°♑10'33	45°13'28
greatest brilliancy	-8018 Feb 10 j 08:57	29°♑48'13	-4.7m
	-8018 Feb 10 j 22:04	0°♒	
retrograde	-8018 Feb 21 j 02:57	1°♒52'16	
	-8018 Mar 02 j 20:20	30°℞♑	
evening set	-8018 Mar 10 j 02:23	26°♑24'50	
inferior conj	-8018 Mar 14 j 13:11	23°♑41'24	6°49'41
minimum elong	-8018 Mar 14 j 21:12	23°♑28'51	6°48'00
min. Earth dist.	-8018 Mar 15 j 11:32	23°♑06'25	0.29337 AU
morning rise	-8018 Mar 19 j 15:44	20°♑34'14	
direct	-8018 Apr 05 j 12:36	15°♑13'02	
greatest brilliancy	-8018 Apr 16 j 09:32	17°♑20'05	-4.7m
desc. node	-8018 Apr 19 j 12:06	18°♑37'14	
	-8018 May 07 j 05:44	0°♒	
morning max el	-8018 May 25 j 00:45	15°♒51'59	46°13'56
	-8018 Jun 07 j 21:54	0°♓	
	-8018 Jul 04 j 20:08	0°♈	
	-8018 Jul 30 j 01:50	0°♉	
asc. node	-8018 Aug 09 j 17:00	12°♉59'00	
	-8018 Aug 23 j 11:29	0°♊	
	-8018 Sep 16 j 11:54	0°♋	
	-8018 Oct 10 j 10:22	0°♌	
	-8018 Nov 03 j 11:15	0°♍	
	-8018 Nov 27 j 16:06	0°♎	
morning set	-8018 Nov 28 j 13:31	1°♎06'09	
desc. node	-8018 Nov 30 j 03:11	3°♎02'26	
	-8018 Dec 22 j 00:13	0°♏	
superior conj	-8017 Jan 07 j 17:23	20°♏32'53	-1°11'49
minimum elong	-8017 Jan 07 j 09:24	20°♏08'22	1°12'00
max. Earth dist.	-8017 Jan 08 j 19:11	21°♏52'09	1.73443 AU
	-8017 Jan 15 j 10:01	0°♐	
	-8017 Feb 08 j 20:31	0°♑	
evening rise	-8017 Feb 13 j 20:25	6°♑07'51	
greatest brilliancy	-8017 Feb 22 j 04:03	16°♑19'53	-3.9m
	-8017 Mar 05 j 07:47	0°♒	
asc. node	-8017 Mar 22 j 03:58	20°♒36'10	
	-8017 Mar 29 j 20:44	0°♓	
	-8017 Apr 23 j 12:28	0°♈	
	-8017 May 18 j 08:22	0°♉	
	-8017 Jun 12 j 11:14	0°♊	
	-8017 Jul 08 j 03:49	0°♋	
desc. node	-8017 Jul 12 j 17:17	5°♋12'42	
	-8017 Aug 04 j 04:08	0°♌	
evening max el	-8017 Aug 12 j 23:42	9°♌10'03	47°46'20
	-8017 Sep 04 j 17:28	0°♍	
greatest brilliancy	-8017 Sep 23 j 03:26	11°♍04'47	-4.9m
retrograde	-8017 Oct 03 j 02:31	12°♍59'31	
evening set	-8017 Oct 18 j 01:59	8°♍24'23	
min. Earth dist.	-8017 Oct 23 j 04:34	5°♍17'53	0.27056 AU
inferior conj	-8017 Oct 23 j 19:52	4°♍53'45	-2°15'57
minimum elong	-8017 Oct 24 j 00:38	4°♍46'14	2°14'13
morning rise	-8017 Oct 30 j 00:11	1°♍11'33	
	-8017 Nov 01 j 08:23	30°℞♌	
asc. node	-8017 Nov 02 j 00:35	29°♌41'16	
direct	-8017 Nov 13 j 06:04	27°♌05'24	
greatest brilliancy	-8017 Nov 22 j 12:48	28°♌44'33	-4.8m
	-8017 Nov 25 j 18:05	0°♍	
morning max el	-8016 Jan 01 j 14:25	28°♍19'27	46°08'07
	-8016 Jan 03 j 07:38	0°♎	
	-8016 Feb 01 j 00:51	0°♏	
desc. node	-8016 Feb 22 j 15:52	24°♏06'03	
	-8016 Feb 27 j 20:11	0°♐	
	-8016 Mar 24 j 16:48	0°♑	
	-8016 Apr 18 j 21:31	0°♒	
	-8016 May 13 j 13:43	0°♓	
	-8016 Jun 06 j 19:58	0°♈	
asc. node	-8016 Jun 13 j 17:10	8°♈35'06	
morning set	-8016 Jun 25 j 19:13	23°♈43'45	
	-8016 Jun 30 j 18:56	0°♉	
	-8016 Jul 24 j 13:34	0°♊	
superior conj	-8016 Aug 03 j 12:59	12°♊36'55	1°22'31
minimum elong	-8016 Aug 03 j 10:03	12°♊27'38	1°22'59
max. Earth dist.	-8016 Aug 03 j 21:11	13°♊02'48	1.70781 AU
	-8016 Aug 17 j 07:03	0°♋	
	-8016 Sep 10 j 02:16	0°♌	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening rise	-8016 Sep 14 j 03:05	5°♌04'04	
desc. node	-8016 Oct 04 j 02:54	0°♍05'37	
	-8016 Oct 04 j 01:06	0°♍	
	-8016 Oct 28 j 04:30	0°♎	
	-8016 Nov 21 j 13:05	0°♏	
	-8016 Dec 16 j 04:49	0°♐	
	-8015 Jan 10 j 08:38	0°♑	
asc. node	-8015 Jan 24 j 06:15	16°♑10'10	
	-8015 Feb 05 j 10:41	0°♒	
	-8015 Mar 05 j 10:13	0°♓	
evening max el	-8015 Mar 16 j 01:49	10°♓26'25	45°08'41
	-8015 Apr 08 j 16:03	0°♈	
greatest brilliancy	-8015 Apr 23 j 08:25	7°♈42'24	-4.7m
retrograde	-8015 May 03 j 10:18	9°♈30'26	
desc. node	-8015 May 16 j 22:36	6°♈04'33	
evening set	-8015 May 18 j 01:10	5°♈31'19	
inferior conj	-8015 May 24 j 13:00	1°♈49'06	-1°48'01
minimum elong	-8015 May 24 j 08:59	1°♈55'09	1°46'52
min. Earth dist.	-8015 May 25 j 04:09	1°♈26'21	0.27571 AU
	-8015 May 27 j 14:08	30°℞♓	
morning rise	-8015 May 30 j 15:47	28°♓16'12	
direct	-8015 Jun 14 j 19:16	23°♓54'29	
greatest brilliancy	-8015 Jun 26 j 05:14	26°♓15'44	-4.8m
	-8015 Jul 03 j 17:56	0°♈	
morning max el	-8015 Aug 04 j 03:35	26°♈19'47	46°43'04
	-8015 Aug 07 j 17:38	0°♉	
	-8015 Sep 03 j 21:23	0°♊	
asc. node	-8015 Sep 06 j 05:10	2°♊41'55	
	-8015 Sep 29 j 04:36	0°♋	
	-8015 Oct 23 j 20:11	0°♌	
	-8015 Nov 17 j 08:14	0°♍	
	-8015 Dec 11 j 21:35	0°♎	
desc. node	-8015 Dec 27 j 16:38	19°♎14'35	
	-8014 Jan 05 j 12:39	0°♏	
	-8014 Jan 30 j 03:43	0°♐	
morning set	-8014 Feb 08 j 15:21	11°♐34'34	
	-8014 Feb 23 j 16:59	0°♑	
max. Earth dist.	-8014 Mar 13 j 17:37	22°♑06'51	1.73667 AU
superior conj	-8014 Mar 16 j 16:30	25°♑44'37	-1°05'46
minimum elong	-8014 Mar 17 j 00:10	26°♑08'09	1°06'03
	-8014 Mar 20 j 03:35	0°♒	
	-8014 Apr 13 j 11:43	0°♓	
asc. node	-8014 Apr 18 j 16:46	6°♓26'08	
evening rise	-8014 Apr 21 j 01:56	9°♓22'42	
	-8014 May 07 j 18:02	0°♈	
	-8014 May 31 j 23:28	0°♉	
	-8014 Jun 25 j 05:22	0°♊	
	-8014 Jul 19 j 13:55	0°♋	
desc. node	-8014 Aug 09 j 04:34	25°♋09'28	
	-8014 Aug 13 j 04:29	0°♌	
	-8014 Sep 07 j 06:34	0°♍	
	-8014 Oct 03 j 08:28	0°♎	
evening max el	-8014 Oct 22 j 17:14	20°♎44'01	46°46'15
	-8014 Nov 01 j 03:49	0°♏	
asc. node	-8014 Nov 29 j 11:10	20°♏55'41	
greatest brilliancy	-8014 Dec 01 j 03:44	21°♏38'54	-4.8m
retrograde	-8014 Dec 12 j 05:48	23°♏59'08	
evening set	-8014 Dec 28 j 12:42	18°♏42'01	
min. Earth dist.	-8013 Jan 01 j 21:55	15°♏57'22	0.29022 AU
inferior conj	-8013 Jan 02 j 13:12	15°♏32'43	6°45'17
minimum elong	-8013 Jan 02 j 05:01	15°♏45'56	6°43'39
morning rise	-8013 Jan 06 j 21:41	12°♏47'46	
direct	-8013 Jan 23 j 22:28	7°♏10'08	
greatest brilliancy	-8013 Feb 01 j 22:45	8°♏38'57	-4.7m
	-8013 Mar 06 j 07:39	0°♐	
morning max el	-8013 Mar 13 j 14:51	6°♐42'09	45°54'03
desc. node	-8013 Mar 22 j 03:26	15°♐00'43	
	-8013 Apr 05 j 14:58	0°♑	
	-8013 May 02 j 16:08	0°♒	
	-8013 May 28 j 07:02	0°♓	
	-8013 Jun 22 j 01:20	0°♈	
asc. node	-8013 Jul 12 j 06:30	25°♈01'27	
	-8013 Jul 16 j 06:07	0°♉	
	-8013 Aug 09 j 02:45	0°♊	
	-8013 Sep 01 j 20:09	0°♋	
morning set	-8013 Sep 09 j 13:47	9°♋46'42	
	-8013 Sep 25 j 14:24	0°♌	
	-8013 Oct 19 j 12:12	0°♍	
superior conj	-8013 Oct 21 j 18:15	2°♍48'51	0°24'36
minimum elong	-8013 Oct 22 j 00:50	3°♍09'28	0°24'36
max. Earth dist.	-8013 Oct 28 j 00:25	10°♍37'23	1.71731 AU
desc. node	-8013 Nov 01 j 15:54	16°♍24'36	
	-8013 Nov 12 j 14:18	0°♎	
evening rise	-8013 Dec 02 j 20:33	25°♎04'58	
	-8013 Dec 06 j 20:10	0°♏	
	-8013 Dec 31 j 05:19	0°♐	
	-8012 Jan 24 j 18:32	0°♑	
	-8012 Feb 18 j 14:09	0°♒	
asc. node	-8012 Feb 21 j 17:58	3°♒47'15	
	-8012 Mar 14 j 19:45	0°♓	
	-8012 Apr 09 j 16:35	0°♈	
	-8012 May 06 j 16:00	0°♉	
evening max el	-8012 May 28 j 04:07	22°♉11'32	46°36'28
	-8012 Jun 05 j 10:20	0°♊	
desc. node	-8012 Jun 13 j 09:01	6°♊56'43	
greatest brilliancy	-8012 Jul 08 j 01:36	22°♊15'28	-4.9m
retrograde	-8012 Jul 17 j 07:52	23°♊51'26	
evening set	-8012 Aug 04 j 03:13	17°♊54'08	
inferior conj	-8012 Aug 07 j 00:37	16°♊10'36	-8°57'58
minimum elong	-8012 Aug 06 j 23:35	16°♊12'09	8°57'28
min. Earth dist.	-8012 Aug 06 j 20:17	16°♊17'07	0.26627 AU
morning rise	-8012 Aug 09 j 19:58	14°♊30'13	
direct	-8012 Aug 27 j 08:55	8°♊37'05	
greatest brilliancy	-8012 Sep 06 j 17:27	10°♊40'03	-4.9m
asc. node	-8012 Oct 03 j 16:12	29°♊11'34	
	-8012 Oct 04 j 13:28	0°♋	
morning max el	-8012 Oct 17 j 01:01	12°♋07'53	46°40'02
	-8012 Nov 02 j 19:43	0°♌	
	-8012 Nov 29 j 06:49	0°♍	
	-8012 Dec 24 j 22:59	0°♎	
	-8011 Jan 19 j 07:49	0°♏	
desc. node	-8011 Jan 24 j 05:38	5°♏50'05	
	-8011 Feb 13 j 11:21	0°♐	
	-8011 Mar 10 j 08:57	0°♑	
	-8011 Apr 04 j 00:05	0°♒	
morning set	-8011 Apr 16 j 10:17	15°♒15'21	
	-8011 Apr 28 j 09:00	0°♓	
asc. node	-8011 May 16 j 06:00	22°♓10'51	
max. Earth dist.	-8011 May 17 j 17:24	24°♓01'00	1.72343 AU
superior conj	-8011 May 22 j 02:30	29°♓28'26	0°13'38
minimum elong	-8011 May 21 j 23:50	29°♓20'06	0°13'26
behind sun begin	-8011 May 21 j 11:35	28°♓41'53	
behind sun end	-8011 May 22 j 12:05	29°♓58'19	
	-8011 May 22 j 12:38	0°♈	
	-8011 Jun 15 j 12:19	0°♉	
evening rise	-8011 Jun 27 j 17:19	15°♉19'00	
	-8011 Jul 09 j 09:57	0°♊	
	-8011 Aug 02 j 07:51	0°♋	
	-8011 Aug 26 j 08:22	0°♌	
desc. node	-8011 Sep 05 j 16:25	12°♌50'26	
	-8011 Sep 19 j 13:36	0°♍	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8011 Oct 14 j 01:53	0°♎		
	-8011 Nov 08 j 01:53	0°♏		
	-8011 Dec 04 j 01:17	0°♐		
asc. node	-8011 Dec 26 j 21:40	24°♐29'08		
	-8010 Jan 01 j 10:59	0°♑		
evening max el	-8010 Jan 01 j 10:56	29°♐59'52	45°15'26	
greatest brilliancy	-8010 Feb 08 j 01:30	27°♑41'03	-4.7m	
retrograde	-8010 Feb 18 j 19:37	29°♑45'03		
evening set	-8010 Mar 07 j 21:21	24°♑14'17		
inferior conj	-8010 Mar 12 j 06:01	21°♑33'26	6°59'16	
minimum elong	-8010 Mar 12 j 13:43	21°♑21'20	6°57'41	
min. Earth dist.	-8010 Mar 13 j 03:22	20°♑59'54	0.29372 AU	
morning rise	-8010 Mar 17 j 05:52	18°♑29'40		
direct	-8010 Apr 03 j 05:50	13°♑04'42		
greatest brilliancy	-8010 Apr 14 j 00:10	15°♑09'14	-4.7m	
desc. node	-8010 Apr 18 j 14:09	17°♑07'44		
	-8010 May 07 j 14:25	0°♒		
morning max el	-8010 May 22 j 16:35	13°♒39'31	46°12'52	
	-8010 Jun 07 j 16:03	0°♓		
	-8010 Jul 04 j 10:47	0°♈		
	-8010 Jul 29 j 15:01	0°♉		
asc. node	-8010 Aug 08 j 19:18	12°♉26'36		
	-8010 Aug 22 j 23:56	0°♊		
	-8010 Sep 15 j 23:59	0°♋		
	-8010 Oct 09 j 22:11	0°♌		
	-8010 Nov 02 j 22:51	0°♍		
morning set	-8010 Nov 26 j 00:57	28°♍38'02		
	-8010 Nov 27 j 03:29	0°♎		
desc. node	-8010 Nov 29 j 05:23	2°♎34'05		
	-8010 Dec 21 j 11:26	0°♏		
superior conj	-8009 Jan 05 j 08:29	18°♏17'32	-1°10'11	
minimum elong	-8009 Jan 05 j 00:05	17°♏51'41	1°10'21	
max. Earth dist.	-8009 Jan 06 j 16:59	19°♏57'22	1.73405 AU	
	-8009 Jan 14 j 21:09	0°♐		
	-8009 Feb 08 j 07:39	0°♑		
evening rise	-8009 Feb 11 j 14:32	4°♑02'00		
greatest brilliancy	-8009 Feb 21 j 05:25	15°♑49'49	-3.9m	
	-8009 Mar 04 j 19:02	0°♒		
asc. node	-8009 Mar 21 j 06:03	20°♒07'42		
	-8009 Mar 29 j 08:15	0°♓		
	-8009 Apr 23 j 00:27	0°♈		
	-8009 May 17 j 21:06	0°♉		
	-8009 Jun 12 j 01:09	0°♊		
	-8009 Jul 07 j 19:48	0°♋		
desc. node	-8009 Jul 11 j 19:34	4°♋32'24		
	-8009 Aug 04 j 00:48	0°♌		
evening max el	-8009 Aug 10 j 14:22	6°♌46'57	47°45'56	
	-8009 Sep 05 j 12:15	0°♍		
greatest brilliancy	-8009 Sep 20 j 19:26	8°♍40'46	-4.9m	
retrograde	-8009 Sep 30 j 16:25	10°♍33'17		
evening set	-8009 Oct 15 j 17:55	5°♍56'32		
inferior conj	-8009 Oct 21 j 09:47	2°♍28'50	-2°38'00	
minimum elong	-8009 Oct 21 j 15:16	2°♍20'11	2°36'02	
min. Earth dist.	-8009 Oct 20 j 19:25	2°♍51'32	0.27007 AU	
	-8009 Oct 25 j 10:21	30°℞♌		
morning rise	-8009 Oct 27 j 13:29	28°♌47'25		
asc. node	-8009 Nov 01 j 02:51	26°♌38'01		
direct	-8009 Nov 10 j 19:15	24°♌41'43		
greatest brilliancy	-8009 Nov 20 j 03:20	26°♌21'39	-4.8m	
	-8009 Nov 28 j 02:13	0°♍		
morning max el	-8009 Dec 30 j 03:45	25°♍58'24	46°09'04	
	-8008 Jan 03 j 05:53	0°♎		
	-8008 Jan 31 j 16:54	0°♏		
desc. node	-8008 Feb 21 j 18:04	23°♏32'30		
	-8008 Feb 27 j 09:50	0°♐		
	-8008 Mar 24 j 05:14	0°♑		
	-8008 Apr 18 j 09:17	0°♒		
	-8008 May 13 j 01:07	0°♓		
	-8008 Jun 06 j 07:10	0°♈		
asc. node	-8008 Jun 12 j 19:25	8°♈07'15		
morning set	-8008 Jun 23 j 10:41	21°♈26'36		
	-8008 Jun 30 j 06:04	0°♉		
	-8008 Jul 24 j 00:44	0°♊		
superior conj	-8008 Aug 01 j 01:24	10°♊09'08	1°21'55	
minimum elong	-8008 Jul 31 j 21:35	9°♊57'03	1°22'22	
max. Earth dist.	-8008 Aug 01 j 00:13	10°♊05'21	1.70802 AU	
	-8008 Aug 16 j 18:17	0°♋		
	-8008 Sep 09 j 13:34	0°♌		
evening rise	-8008 Sep 11 j 11:06	2°♌22'59		
desc. node	-8008 Oct 03 j 04:55	29°♌36'18		
	-8008 Oct 03 j 12:31	0°♍		
	-8008 Oct 27 j 16:03	0°♎		
	-8008 Nov 21 j 00:51	0°♏		
	-8008 Dec 15 j 16:59	0°♐		
	-8007 Jan 09 j 21:40	0°♑		
asc. node	-8007 Jan 23 j 08:33	15°♑36'55		
	-8007 Feb 05 j 01:38	0°♒		
	-8007 Mar 05 j 06:14	0°♓		
evening max el	-8007 Mar 13 j 15:18	8°♓09'15	45°07'04	
	-8007 Apr 09 j 18:46	0°♈		
greatest brilliancy	-8007 Apr 20 j 21:24	5°♈24'17	-4.7m	
retrograde	-8007 Apr 30 j 23:38	7°♈12'56		
evening set	-8007 May 15 j 14:40	3°♈13'04		
desc. node	-8007 May 16 j 00:54	2°♈59'47		
	-8007 May 21 j 07:14	30°℞♓		
inferior conj	-8007 May 22 j 02:43	29°♓30'48	-1°26'21	
minimum elong	-8007 May 21 j 23:29	29°♓35'39	1°25'29	
min. Earth dist.	-8007 May 22 j 19:12	29°♓06'02	0.27629 AU	
morning rise	-8007 May 28 j 07:12	25°♓55'32		
direct	-8007 Jun 12 j 09:22	21°♓34'36		
greatest brilliancy	-8007 Jun 23 j 21:07	23°♓57'28	-4.8m	
	-8007 Jul 05 j 01:35	0°♈		
morning max el	-8007 Aug 01 j 17:45	23°♈57'03	46°42'41	
	-8007 Aug 07 j 14:40	0°♉		
	-8007 Sep 03 j 13:13	0°♊		
asc. node	-8007 Sep 05 j 07:16	2°♊02'35		
	-8007 Sep 28 j 18:22	0°♋		
	-8007 Oct 23 j 08:55	0°♌		
	-8007 Nov 16 j 20:20	0°♍		
	-8007 Dec 11 j 09:15	0°♎		
desc. node	-8007 Dec 26 j 18:48	18°♎46'21		
	-8006 Jan 04 j 23:59	0°♏		
	-8006 Jan 29 j 14:48	0°♐		
morning set	-8006 Feb 06 j 08:26	9°♐26'33		
	-8006 Feb 23 j 03:52	0°♑		
max. Earth dist.	-8006 Mar 11 j 15:39	20°♑13'47	1.73690 AU	
superior conj	-8006 Mar 14 j 11:43	23°♑42'52	-1°07'28	
minimum elong	-8006 Mar 14 j 19:12	24°♑05'52	1°07'48	
	-8006 Mar 19 j 14:25	0°♒		
	-8006 Apr 12 j 22:37	0°♓		
asc. node	-8006 Apr 17 j 18:54	5°♓58'55		
evening rise	-8006 Apr 18 j 21:24	7°♓20'46		
	-8006 May 07 j 05:10	0°♈		
	-8006 May 31 j 10:54	0°♉		
	-8006 Jun 24 j 17:12	0°♊		
	-8006 Jul 19 j 02:16	0°♋		
desc. node	-8006 Aug 08 j 06:42	24°♋36'43		
	-8006 Aug 12 j 17:34	0°♌		
	-8006 Sep 06 j 20:54	0°♍		
	-8006 Oct 03 j 01:30	0°♎		
evening max el	-8006 Oct 20 j 08:59	18°♎28'01	46°49'42	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8006 Nov 01 j 05:52	0°♏	
asc. node	-8006 Nov 28 j 13:28	19°♏20'28	
greatest brilliancy	-8006 Nov 28 j 20:47	19°♏27'54	-4.8m
retrograde	-8006 Dec 09 j 23:34	21°♏49'04	
evening set	-8006 Dec 26 j 03:17	16°♏35'15	
min. Earth dist.	-8006 Dec 30 j 13:48	13°♏48'56	0.28967 AU
inferior conj	-8006 Dec 31 j 06:13	13°♏22'31	6°34'38
minimum elong	-8006 Dec 30 j 21:48	13°♏36'04	6°32'54
morning rise	-8005 Jan 04 j 16:45	10°♏34'46	
direct	-8005 Jan 21 j 14:36	5°♏00'42	
greatest brilliancy	-8005 Jan 30 j 14:08	6°♏29'17	-4.7m
	-8005 Mar 06 j 09:01	0°♐	
morning max el	-8005 Mar 11 j 07:48	4°♐35'29	45°53'57
desc. node	-8005 Mar 21 j 05:29	14°♐17'01	
	-8005 Apr 05 j 07:23	0°♑	
	-8005 May 02 j 05:47	0°♒	
	-8005 May 27 j 19:27	0°♓	
	-8005 Jun 21 j 13:08	0°♈	
asc. node	-8005 Jul 11 j 08:38	24°♈32'13	
	-8005 Jul 15 j 17:36	0°♉	
	-8005 Aug 08 j 14:04	0°♊	
	-8005 Sep 01 j 07:21	0°♋	
morning set	-8005 Sep 06 j 23:57	7°♋11'47	
	-8005 Sep 25 j 01:33	0°♌	
	-8005 Oct 18 j 23:17	0°♍	
superior conj	-8005 Oct 19 j 03:05	0°♍11'52	0°28'21
minimum elong	-8005 Oct 19 j 10:35	0°♍35'21	0°28'20
max. Earth dist.	-8005 Oct 25 j 10:18	8°♍04'06	1.71665 AU
desc. node	-8005 Oct 31 j 18:06	15°♍57'08	
	-8005 Nov 12 j 01:19	0°♎	
evening rise	-8005 Nov 30 j 09:04	22°♎41'32	
	-8005 Dec 06 j 07:09	0°♏	
	-8005 Dec 30 j 16:22	0°♐	
	-8004 Jan 24 j 05:49	0°♑	
	-8004 Feb 18 j 01:56	0°♒	
asc. node	-8004 Feb 20 j 20:01	3°♒17'54	
	-8004 Mar 14 j 08:27	0°♓	
	-8004 Apr 09 j 07:01	0°♈	
	-8004 May 06 j 10:01	0°♉	
evening max el	-8004 May 25 j 18:05	19°♉50'11	46°32'49
	-8004 Jun 05 j 15:43	0°♊	
desc. node	-8004 Jun 12 j 11:17	5°♊47'26	
greatest brilliancy	-8004 Jul 05 j 11:53	19°♊44'26	-4.9m
retrograde	-8004 Jul 14 j 20:04	21°♊21'17	
evening set	-8004 Aug 01 j 12:52	15°♊27'29	
inferior conj	-8004 Aug 04 j 12:22	13°♊40'50	-8°55'54
minimum elong	-8004 Aug 04 j 10:22	13°♊43'51	8°55'21
min. Earth dist.	-8004 Aug 04 j 07:42	13°♊47'51	0.26637 AU
morning rise	-8004 Aug 07 j 07:52	12°♊00'17	
direct	-8004 Aug 24 j 21:47	6°♊07'28	
greatest brilliancy	-8004 Sep 04 j 05:37	8°♊09'52	-4.9m
asc. node	-8004 Oct 02 j 18:24	28°♊08'06	
	-8004 Oct 04 j 18:20	0°♋	
morning max el	-8004 Oct 14 j 14:36	9°♋41'39	46°40'55
	-8004 Nov 02 j 13:45	0°♌	
	-8004 Nov 28 j 21:28	0°♍	
	-8004 Dec 24 j 11:59	0°♎	
	-8003 Jan 18 j 19:50	0°♏	
desc. node	-8003 Jan 23 j 07:44	5°♏20'58	
	-8003 Feb 12 j 22:45	0°♐	
	-8003 Mar 09 j 19:59	0°♑	
	-8003 Apr 03 j 10:56	0°♒	
morning set	-8003 Apr 14 j 05:43	13°♒14'18	
	-8003 Apr 27 j 19:47	0°♓	
asc. node	-8003 May 15 j 08:13	21°♓44'15	
max. Earth dist.	-8003 May 15 j 08:57	21°♓46'30	1.72405 AU
superior conj	-8003 May 19 j 20:35	27°♓21'33	0°10'32
minimum elong	-8003 May 19 j 18:32	27°♓15'08	0°10'22
behind sun begin	-8003 May 19 j 01:18	26°♓21'28	
behind sun end	-8003 May 20 j 11:45	28°♓08'49	
	-8003 May 21 j 23:26	0°♈	
	-8003 Jun 14 j 23:14	0°♉	
evening rise	-8003 Jun 25 j 08:55	13°♉02'44	
	-8003 Jul 08 j 21:04	0°♊	
	-8003 Aug 01 j 19:13	0°♋	
	-8003 Aug 25 j 20:01	0°♌	
desc. node	-8003 Sep 04 j 18:28	12°♌20'19	
	-8003 Sep 19 j 01:34	0°♍	
	-8003 Oct 13 j 14:20	0°♎	
	-8003 Nov 07 j 15:14	0°♏	
	-8003 Dec 03 j 16:43	0°♐	
asc. node	-8003 Dec 25 j 23:54	23°♐44'46	
evening max el	-8003 Dec 30 j 02:42	27°♐49'11	45°17'32
	-8002 Jan 01 j 08:55	0°♑	
greatest brilliancy	-8002 Feb 05 j 18:29	25°♑36'05	-4.7m
retrograde	-8002 Feb 16 j 12:03	27°♑39'59	
evening set	-8002 Mar 05 j 16:26	22°♑05'55	
inferior conj	-8002 Mar 09 j 23:09	19°♑27'34	7°08'03
minimum elong	-8002 Mar 10 j 06:29	19°♑16'00	7°06'35
min. Earth dist.	-8002 Mar 10 j 19:42	18°♑55'12	0.29408 AU
morning rise	-8002 Mar 14 j 20:19	16°♑27'08	
direct	-8002 Mar 31 j 22:55	10°♑58'21	
greatest brilliancy	-8002 Apr 11 j 15:36	13°♑00'52	-4.7m
desc. node	-8002 Apr 17 j 16:28	15°♑42'52	
	-8002 May 07 j 20:12	0°♒	
morning max el	-8002 May 20 j 08:02	11°♒27'06	46°11'41
	-8002 Jun 07 j 09:30	0°♓	
	-8002 Jul 04 j 01:00	0°♈	
	-8002 Jul 29 j 03:51	0°♉	
asc. node	-8002 Aug 07 j 21:22	11°♉54'29	
	-8002 Aug 22 j 12:05	0°♊	
	-8002 Sep 15 j 11:44	0°♋	
	-8002 Oct 09 j 09:41	0°♌	
	-8002 Nov 02 j 10:08	0°♍	
morning set	-8002 Nov 23 j 12:20	26°♍10'30	
	-8002 Nov 26 j 14:35	0°♎	
desc. node	-8002 Nov 28 j 07:30	2°♎06'24	
	-8002 Dec 20 j 22:22	0°♏	
superior conj	-8001 Jan 02 j 23:42	16°♏03'25	-1°08'27
minimum elong	-8001 Jan 02 j 14:54	15°♏36'22	1°08'33
max. Earth dist.	-8001 Jan 04 j 13:21	17°♏59'09	1.73360 AU
	-8001 Jan 14 j 07:58	0°♐	
	-8001 Feb 07 j 18:26	0°♑	
evening rise	-8001 Feb 09 j 08:48	1°♑57'42	
greatest brilliancy	-8001 Feb 20 j 03:51	15°♑11'56	-3.9m
	-8001 Mar 04 j 05:56	0°♒	
asc. node	-8001 Mar 20 j 08:15	19°♒40'36	
	-8001 Mar 28 j 19:27	0°♓	
	-8001 Apr 22 j 12:11	0°♈	
	-8001 May 17 j 09:40	0°♉	
	-8001 Jun 11 j 15:00	0°♊	
	-8001 Jul 07 j 11:52	0°♋	
desc. node	-8001 Jul 10 j 21:42	3°♋51'44	
	-8001 Aug 03 j 21:58	0°♌	
evening max el	-8001 Aug 08 j 04:03	4°♌21'45	47°45'31
	-8001 Sep 06 j 13:18	0°♍	
greatest brilliancy	-8001 Sep 18 j 11:40	6°♍17'12	-4.9m
retrograde	-8001 Sep 28 j 05:54	8°♍07'23	
evening set	-8001 Oct 13 j 09:50	3°♍28'32	
inferior conj	-8001 Oct 18 j 23:36	0°♍04'14	-2°59'49
minimum elong	-8001 Oct 19 j 05:47	29°♌54'29	2°57'40
min. Earth dist.	-8001 Oct 18 j 10:22	0°♍25'06	0.26960 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-8001 Oct 19 j 02:17	30°℞♌		
morning rise	-8001 Oct 25 j 02:27	26°♌23'53		
asc. node	-8001 Oct 31 j 05:11	23°♌39'59		
direct	-8001 Nov 08 j 07:58	22°♌17'58		
greatest brilliancy	-8001 Nov 17 j 18:12	23°♌59'26	-4.8m	
	-8001 Nov 29 j 14:20	0°♍		
morning max el	-8001 Dec 27 j 17:11	23°♍37'58	46°10'13	
	-8000 Jan 03 j 03:06	0°♎		
	-8000 Jan 31 j 08:27	0°♏		
desc. node	-8000 Feb 20 j 20:03	22°♏59'18		
	-8000 Feb 26 j 23:07	0°♐		
	-8000 Mar 23 j 17:21	0°♑		
	-8000 Apr 17 j 20:45	0°♒		
	-8000 May 12 j 12:15	0°♓		
	-8000 Jun 05 j 18:12	0°♈		
asc. node	-8000 Jun 11 j 21:32	7°♈39'28		
morning set	-8000 Jun 21 j 02:14	19°♈10'12		
	-8000 Jun 29 j 17:06	0°♉		
	-8000 Jul 23 j 11:50	0°♊		
max. Earth dist.	-8000 Jul 29 j 05:08	7°♊14'00	1.70830 AU	
superior conj	-8000 Jul 29 j 13:42	7°♊41'05	1°21'09	
minimum elong	-8000 Jul 29 j 09:03	7°♊26'25	1°21'35	
	-8000 Aug 16 j 05:28	0°♋		
evening rise	-8000 Sep 08 j 18:55	29°♋41'26		
	-8000 Sep 09 j 00:49	0°♌		
desc. node	-8000 Oct 02 j 07:08	29°♌07'50		
	-8000 Oct 02 j 23:52	0°♍		
	-8000 Oct 27 j 03:32	0°♎		
	-8000 Nov 20 j 12:33	0°♏		
	-8000 Dec 15 j 05:07	0°♐		
	-7999 Jan 09 j 10:41	0°♑		
asc. node	-7999 Jan 22 j 10:41	15°♑03'21		
	-7999 Feb 04 j 16:38	0°♒		
	-7999 Mar 05 j 02:39	0°♓		
evening max el	-7999 Mar 11 j 05:49	5°♓55'29	45°05'46	
	-7999 Apr 11 j 07:38	0°♈		
greatest brilliancy	-7999 Apr 18 j 10:01	3°♈07'25	-4.7m	
retrograde	-7999 Apr 28 j 13:47	4°♈57'21		
evening set	-7999 May 13 j 04:46	0°♈56'28		
	-7999 May 14 j 23:01	30°℞♓		
desc. node	-7999 May 15 j 03:03	29°♓54'25		
inferior conj	-7999 May 19 j 16:47	27°♓14'09	-1°05'02	
minimum elong	-7999 May 19 j 14:20	27°♓17'50	1°04'23	
min. Earth dist.	-7999 May 20 j 10:09	26°♓48'05	0.27692 AU	
morning rise	-7999 May 25 j 22:51	23°♓36'55		
direct	-7999 Jun 10 j 00:25	19°♓16'29		
greatest brilliancy	-7999 Jun 21 j 12:52	21°♓40'21	-4.8m	
	-7999 Jul 06 j 00:03	0°♈		
morning max el	-7999 Jul 30 j 09:01	21°♈37'33	46°41'54	
	-7999 Aug 07 j 11:00	0°♉		
	-7999 Sep 03 j 04:53	0°♊		
asc. node	-7999 Sep 04 j 09:28	1°♊23'38		
	-7999 Sep 28 j 08:09	0°♋		
	-7999 Oct 22 j 21:42	0°♌		
	-7999 Nov 16 j 08:30	0°♍		
	-7999 Dec 10 j 20:58	0°♎		
desc. node	-7999 Dec 25 j 20:50	18°♎17'35		
	-7998 Jan 04 j 11:21	0°♏		
	-7998 Jan 29 j 01:53	0°♐		
morning set	-7998 Feb 04 j 01:26	7°♐18'08		
	-7998 Feb 22 j 14:48	0°♑		
max. Earth dist.	-7998 Mar 09 j 14:50	18°♑24'06	1.73707 AU	
superior conj	-7998 Mar 12 j 07:05	21°♑41'28	-1°09'06	
minimum elong	-7998 Mar 12 j 14:23	22°♑03'52	1°09'26	
	-7998 Mar 19 j 01:17	0°♒		
	-7998 Apr 12 j 09:34	0°♓		
evening rise	-7998 Apr 16 j 17:13	5°♓19'56		
asc. node	-7998 Apr 16 j 21:11	5°♓32'09		
	-7998 May 06 j 16:17	0°♈		
	-7998 May 30 j 22:20	0°♉		
	-7998 Jun 24 j 05:04	0°♊		
	-7998 Jul 18 j 14:44	0°♋		
desc. node	-7998 Aug 07 j 08:47	24°♋03'10		
	-7998 Aug 12 j 06:54	0°♌		
	-7998 Sep 06 j 11:40	0°♍		
	-7998 Oct 02 j 19:14	0°♎		
evening max el	-7998 Oct 18 j 01:38	16°♎13'11	46°53'10	
	-7998 Nov 01 j 09:58	0°♏		
greatest brilliancy	-7998 Nov 26 j 13:44	17°♏15'26	-4.8m	
asc. node	-7998 Nov 27 j 15:38	17°♏40'26		
retrograde	-7998 Dec 07 j 17:24	19°♏37'15		
evening set	-7998 Dec 23 j 17:44	14°♏26'58		
min. Earth dist.	-7998 Dec 28 j 05:21	11°♏39'06	0.28904 AU	
inferior conj	-7998 Dec 28 j 22:59	11°♏10'43	6°23'28	
minimum elong	-7998 Dec 28 j 14:24	11°♏24'32	6°21'37	
morning rise	-7997 Jan 02 j 11:36	8°♏20'07		
direct	-7997 Jan 19 j 06:52	2°♏49'55		
greatest brilliancy	-7997 Jan 28 j 04:49	4°♏17'44	-4.7m	
	-7997 Mar 06 j 09:27	0°♐		
morning max el	-7997 Mar 09 j 00:50	2°♐28'26	45°53'56	
desc. node	-7997 Mar 20 j 07:48	13°♐33'59		
	-7997 Apr 04 j 23:42	0°♑		
	-7997 May 01 j 19:28	0°♒		
	-7997 May 27 j 07:56	0°♓		
	-7997 Jun 21 j 01:00	0°♈		
asc. node	-7997 Jul 10 j 10:45	24°♈02'38		
greatest brilliancy	-7997 Jul 11 j 03:34	24°♈55'07	-3.9m	
	-7997 Jul 15 j 05:09	0°♉		
	-7997 Aug 08 j 01:28	0°♊		
	-7997 Aug 31 j 18:43	0°♋		
morning set	-7997 Sep 04 j 10:15	4°♋36'44		
	-7997 Sep 24 j 12:56	0°♌		
superior conj	-7997 Oct 16 j 11:28	27°♌32'25	0°32'04	
minimum elong	-7997 Oct 16 j 19:50	27°♌58'35	0°32'02	
	-7997 Oct 18 j 10:39	0°♍		
max. Earth dist.	-7997 Oct 22 j 20:45	5°♍31'27	1.71606 AU	
desc. node	-7997 Oct 30 j 20:15	15°♍28'28		
	-7997 Nov 11 j 12:39	0°♎		
evening rise	-7997 Nov 27 j 20:46	20°♎14'24		
	-7997 Dec 05 j 18:28	0°♏		
	-7997 Dec 30 j 03:45	0°♐		
	-7996 Jan 23 j 17:26	0°♑		
	-7996 Feb 17 j 14:04	0°♒		
asc. node	-7996 Feb 19 j 22:15	2°♒48'04		
	-7996 Mar 13 j 21:33	0°♓		
	-7996 Apr 08 j 21:53	0°♈		
	-7996 May 06 j 04:43	0°♉		
evening max el	-7996 May 23 j 08:06	17°♉28'38	46°29'14	
	-7996 Jun 05 j 23:23	0°♊		
desc. node	-7996 Jun 11 j 13:26	4°♊35'44		
greatest brilliancy	-7996 Jul 02 j 22:51	17°♊14'28	-4.9m	
retrograde	-7996 Jul 12 j 07:57	18°♊51'27		
evening set	-7996 Jul 29 j 22:19	13°♊02'10		
inferior conj	-7996 Aug 02 j 00:23	11°♊11'40	-8°52'48	
minimum elong	-7996 Aug 01 j 21:25	11°♊16'09	8°52'11	
min. Earth dist.	-7996 Aug 01 j 19:39	11°♊18'48	0.26648 AU	
morning rise	-7996 Aug 04 j 20:31	9°♊30'05		
direct	-7996 Aug 22 j 10:38	3°♊38'27		
greatest brilliancy	-7996 Sep 01 j 18:23	5°♊40'26	-4.9m	
asc. node	-7996 Oct 01 j 20:46	27°♊06'09		
	-7996 Oct 04 j 21:39	0°♋		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

morning max el	-7996 Oct 12 j 03:17	7°♋12'23	46°41'26
	-7996 Nov 02 j 07:43	0°♌	
	-7996 Nov 28 j 12:21	0°♍	
	-7996 Dec 24 j 01:20	0°♎	
	-7995 Jan 18 j 08:16	0°♏	
desc. node	-7995 Jan 22 j 09:50	4°♏50'34	
	-7995 Feb 12 j 10:34	0°♐	
	-7995 Mar 09 j 07:24	0°♑	
	-7995 Apr 02 j 22:07	0°♒	
morning set	-7995 Apr 12 j 00:54	11°♒11'28	
	-7995 Apr 27 j 06:54	0°♓	
max. Earth dist.	-7995 May 13 j 00:48	19°♓32'00	1.72467 AU
asc. node	-7995 May 14 j 10:17	21°♓16'07	
superior conj	-7995 May 17 j 14:45	25°♓14'02	0°07'28
minimum elong	-7995 May 17 j 13:19	25°♓09'32	0°07'16
behind sun begin	-7995 May 16 j 17:13	24°♓07'00	
behind sun end	-7995 May 18 j 09:24	26°♓12'05	
	-7995 May 21 j 10:35	0°♈	
	-7995 Jun 14 j 10:29	0°♉	
evening rise	-7995 Jun 23 j 00:53	10°♉46'49	
	-7995 Jul 08 j 08:29	0°♊	
	-7995 Aug 01 j 06:51	0°♋	
	-7995 Aug 25 j 07:55	0°♌	
desc. node	-7995 Sep 03 j 20:45	11°♌50'09	
	-7995 Sep 18 j 13:49	0°♍	
	-7995 Oct 13 j 03:08	0°♎	
	-7995 Nov 07 j 05:04	0°♏	
	-7995 Dec 03 j 08:53	0°♐	
asc. node	-7995 Dec 25 j 02:05	22°♐58'01	
evening max el	-7995 Dec 27 j 17:33	25°♐34'29	45°19'39
	-7994 Jan 01 j 08:29	0°♑	
greatest brilliancy	-7994 Feb 03 j 11:19	23°♑28'54	-4.7m
retrograde	-7994 Feb 14 j 04:18	25°♑32'59	
evening set	-7994 Mar 03 j 11:12	19°♑55'33	
inferior conj	-7994 Mar 07 j 16:07	17°♑19'44	7°16'18
minimum elong	-7994 Mar 07 j 23:02	17°♑08'50	7°14'58
min. Earth dist.	-7994 Mar 08 j 12:04	16°♑48'15	0.29441 AU
morning rise	-7994 Mar 12 j 10:35	14°♑22'49	
direct	-7994 Mar 29 j 15:24	8°♑49'56	
greatest brilliancy	-7994 Apr 09 j 07:24	10°♑51'19	-4.7m
desc. node	-7994 Apr 16 j 18:39	14°♑18'51	
	-7994 May 08 j 00:41	0°♒	
morning max el	-7994 May 17 j 23:08	9°♒12'41	46°10'38
	-7994 Jun 07 j 03:00	0°♓	
	-7994 Jul 03 j 15:26	0°♈	
	-7994 Jul 28 j 16:56	0°♉	
asc. node	-7994 Aug 06 j 23:33	11°♉21'52	
	-7994 Aug 22 j 00:28	0°♊	
	-7994 Sep 14 j 23:44	0°♋	
	-7994 Oct 08 j 21:24	0°♌	
	-7994 Nov 01 j 21:38	0°♍	
morning set	-7994 Nov 20 j 23:43	23°♍41'56	
	-7994 Nov 26 j 01:56	0°♎	
desc. node	-7994 Nov 27 j 09:30	1°♎37'34	
	-7994 Dec 20 j 09:36	0°♏	
superior conj	-7994 Dec 31 j 14:35	13°♏47'14	-1°06'34
minimum elong	-7994 Dec 31 j 05:26	13°♏19'07	1°06'38
max. Earth dist.	-7993 Jan 02 j 07:30	15°♏53'01	1.73321 AU
	-7993 Jan 13 j 19:09	0°♐	
evening rise	-7993 Feb 07 j 02:35	29°♐50'42	
	-7993 Feb 07 j 05:37	0°♑	
greatest brilliancy	-7993 Feb 19 j 01:29	14°♑30'17	-3.9m
	-7993 Mar 03 j 17:14	0°♒	
asc. node	-7993 Mar 19 j 10:30	19°♒12'23	
	-7993 Mar 28 j 07:04	0°♓	
	-7993 Apr 22 j 00:21	0°♈	
	-7993 May 16 j 22:42	0°♉	
	-7993 Jun 11 j 05:21	0°♊	
	-7993 Jul 07 j 04:33	0°♋	
desc. node	-7993 Jul 09 j 23:52	3°♋09'42	
	-7993 Aug 03 j 20:15	0°♌	
evening max el	-7993 Aug 05 j 17:28	1°♌55'03	47°45'04
	-7993 Sep 08 j 00:49	0°♍	
greatest brilliancy	-7993 Sep 16 j 03:39	3°♍52'29	-4.9m
retrograde	-7993 Sep 25 j 19:30	5°♍40'55	
evening set	-7993 Oct 11 j 01:50	0°♍59'23	
	-7993 Oct 12 j 18:25	30°℞♌	
min. Earth dist.	-7993 Oct 16 j 01:14	27°♌58'05	0.26915 AU
inferior conj	-7993 Oct 16 j 13:25	27°♌38'55	-3°21'26
minimum elong	-7993 Oct 16 j 20:15	27°♌28'09	3°19'05
morning rise	-7993 Oct 22 j 15:15	24°♌00'09	
asc. node	-7993 Oct 30 j 07:17	20°♌47'07	
direct	-7993 Nov 05 j 20:37	19°♌53'23	
greatest brilliancy	-7993 Nov 15 j 09:02	21°♌36'41	-4.8m
	-7993 Nov 30 j 16:11	0°♍	
morning max el	-7993 Dec 25 j 07:22	21°♍18'35	46°11'18
	-7992 Jan 02 j 23:49	0°♎	
	-7992 Jan 31 j 00:03	0°♏	
desc. node	-7992 Feb 19 j 22:20	22°♏26'17	
	-7992 Feb 26 j 12:37	0°♐	
	-7992 Mar 23 j 05:45	0°♑	
	-7992 Apr 17 j 08:33	0°♒	
	-7992 May 11 j 23:41	0°♓	
	-7992 Jun 05 j 05:29	0°♈	
asc. node	-7992 Jun 10 j 23:37	7°♈10'48	
morning set	-7992 Jun 18 j 17:48	16°♈53'14	
	-7992 Jun 29 j 04:22	0°♉	
	-7992 Jul 22 j 23:09	0°♊	
max. Earth dist.	-7992 Jul 26 j 12:38	4°♊30'09	1.70858 AU
superior conj	-7992 Jul 27 j 02:04	5°♊12'38	1°20'14
minimum elong	-7992 Jul 26 j 20:40	4°♊55'34	1°20'38
	-7992 Aug 15 j 16:51	0°♋	
evening rise	-7992 Sep 06 j 02:57	26°♋59'48	
	-7992 Sep 08 j 12:18	0°♌	
desc. node	-7992 Oct 01 j 09:15	28°♌38'21	
	-7992 Oct 02 j 11:26	0°♍	
	-7992 Oct 26 j 15:12	0°♎	
	-7992 Nov 20 j 00:25	0°♏	
	-7992 Dec 14 j 17:24	0°♐	
	-7991 Jan 08 j 23:55	0°♑	
asc. node	-7991 Jan 21 j 12:55	14°♑29'24	
	-7991 Feb 04 j 08:02	0°♒	
	-7991 Mar 05 j 00:07	0°♓	
evening max el	-7991 Mar 08 j 21:04	3°♓42'44	45°04'21
	-7991 Apr 13 j 17:57	0°♈	
greatest brilliancy	-7991 Apr 15 j 22:27	0°♈49'25	-4.7m
retrograde	-7991 Apr 26 j 03:57	2°♈40'27	
	-7991 May 07 j 23:17	30°℞♓	
evening set	-7991 May 10 j 18:59	28°♓38'42	
desc. node	-7991 May 14 j 05:12	26°♓45'18	
inferior conj	-7991 May 17 j 06:42	24°♓56'20	-0°43'30
minimum elong	-7991 May 17 j 05:03	24°♓58'47	0°43'07
min. Earth dist.	-7991 May 18 j 00:42	24°♓29'17	0.27755 AU
morning rise	-7991 May 23 j 14:09	21°♓17'17	
direct	-7991 Jun 07 j 15:43	16°♓57'28	
greatest brilliancy	-7991 Jun 19 j 03:48	19°♓21'26	-4.8m
	-7991 Jul 06 j 17:11	0°♈	
morning max el	-7991 Jul 28 j 00:19	19°♈17'47	46°41'07
	-7991 Aug 07 j 06:55	0°♉	
	-7991 Sep 02 j 20:27	0°♊	
asc. node	-7991 Sep 03 j 11:47	0°♊45'01	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-7991 Sep 27 j 21:55	0°♋	
	-7991 Oct 22 j 10:30	0°♌	
	-7991 Nov 15 j 20:42	0°♍	
	-7991 Dec 10 j 08:42	0°♎	
desc. node	-7991 Dec 24 j 22:58	17°♎49'03	
	-7990 Jan 03 j 22:43	0°♏	
	-7990 Jan 28 j 12:59	0°♐	
morning set	-7990 Feb 01 j 18:31	5°♐09'55	
	-7990 Feb 22 j 01:44	0°♑	
max. Earth dist.	-7990 Mar 07 j 15:00	16°♑37'20	1.73726 AU
superior conj	-7990 Mar 10 j 02:26	19°♑39'52	-1°10'37
minimum elong	-7990 Mar 10 j 09:29	20°♑01'30	1°10'59
	-7990 Mar 18 j 12:13	0°♒	
	-7990 Apr 11 j 20:36	0°♓	
evening rise	-7990 Apr 14 j 12:56	3°♓18'31	
asc. node	-7990 Apr 15 j 23:13	5°♓04'16	
	-7990 May 06 j 03:33	0°♈	
	-7990 May 30 j 09:55	0°♉	
	-7990 Jun 23 j 17:05	0°♊	
	-7990 Jul 18 j 03:20	0°♋	
desc. node	-7990 Aug 06 j 11:04	23°♋29'57	
	-7990 Aug 11 j 20:22	0°♌	
	-7990 Sep 06 j 02:35	0°♍	
	-7990 Oct 02 j 13:19	0°♎	
evening max el	-7990 Oct 15 j 18:50	13°♎59'43	46°56'33
	-7990 Nov 01 j 15:55	0°♏	
greatest brilliancy	-7990 Nov 24 j 07:09	15°♏03'37	-4.8m
asc. node	-7990 Nov 26 j 17:53	15°♏57'05	
retrograde	-7990 Dec 05 j 11:04	17°♏25'21	
evening set	-7990 Dec 21 j 08:20	12°♏18'54	
min. Earth dist.	-7990 Dec 25 j 21:02	9°♏29'20	0.28835 AU
inferior conj	-7990 Dec 26 j 15:47	8°♏59'08	6°11'37
minimum elong	-7990 Dec 26 j 07:07	9°♏13'06	6°09'42
morning rise	-7990 Dec 31 j 06:32	6°♏05'27	
direct	-7989 Jan 16 j 23:19	0°♏39'37	
greatest brilliancy	-7989 Jan 25 j 19:26	2°♏06'18	-4.7m
	-7989 Mar 06 j 08:36	0°♐	
morning max el	-7989 Mar 06 j 17:14	0°♐20'23	45°53'52
desc. node	-7989 Mar 19 j 09:56	12°♐51'37	
	-7989 Apr 04 j 15:36	0°♑	
	-7989 May 01 j 08:57	0°♒	
	-7989 May 26 j 20:20	0°♓	
	-7989 Jun 20 j 12:51	0°♈	
asc. node	-7989 Jul 09 j 12:57	23°♈33'24	
	-7989 Jul 14 j 16:42	0°♉	
greatest brilliancy	-7989 Jul 18 j 05:19	4°♉25'06	-3.9m
	-7989 Aug 07 j 12:52	0°♊	
	-7989 Aug 31 j 06:02	0°♋	
morning set	-7989 Sep 01 j 20:28	2°♋01'33	
	-7989 Sep 24 j 00:12	0°♌	
superior conj	-7989 Oct 13 j 19:48	24°♌53'08	0°35'43
minimum elong	-7989 Oct 14 j 04:56	25°♌21'44	0°35'41
	-7989 Oct 17 j 21:54	0°♍	
max. Earth dist.	-7989 Oct 20 j 08:55	3°♍04'28	1.71544 AU
desc. node	-7989 Oct 29 j 22:14	14°♍59'42	
	-7989 Nov 10 j 23:51	0°♎	
evening rise	-7989 Nov 25 j 08:19	17°♎47'05	
	-7989 Dec 05 j 05:39	0°♏	
	-7989 Dec 29 j 15:00	0°♐	
	-7988 Jan 23 j 04:54	0°♑	
	-7988 Feb 17 j 02:02	0°♒	
asc. node	-7988 Feb 19 j 00:32	2°♒19'01	
	-7988 Mar 13 j 10:29	0°♓	
	-7988 Apr 08 j 12:42	0°♈	
	-7988 May 05 j 23:42	0°♉	
evening max el	-7988 May 20 j 21:09	15°♉05'03	46°25'18
	-7988 Jun 06 j 09:39	0°♊	
desc. node	-7988 Jun 10 j 15:38	3°♊22'04	
greatest brilliancy	-7988 Jun 30 j 10:08	14°♊44'41	-4.9m
retrograde	-7988 Jul 09 j 18:55	16°♊21'15	
evening set	-7988 Jul 27 j 07:04	10°♊37'13	
inferior conj	-7988 Jul 30 j 12:12	8°♊42'16	-8°48'33
minimum elong	-7988 Jul 30 j 08:17	8°♊48'09	8°47'51
min. Earth dist.	-7988 Jul 30 j 07:53	8°♊48'45	0.26662 AU
morning rise	-7988 Aug 02 j 09:30	6°♊58'52	
direct	-7988 Aug 19 j 22:48	1°♊08'56	
greatest brilliancy	-7988 Aug 30 j 07:44	3°♊11'25	-4.9m
asc. node	-7988 Sep 30 j 22:51	26°♊05'10	
	-7988 Oct 04 j 23:27	0°♋	
morning max el	-7988 Oct 09 j 14:50	4°♋40'17	46°42'10
	-7988 Nov 02 j 01:08	0°♌	
	-7988 Nov 28 j 02:51	0°♍	
	-7988 Dec 23 j 14:20	0°♎	
	-7987 Jan 17 j 20:21	0°♏	
desc. node	-7987 Jan 21 j 12:00	4°♏21'17	
	-7987 Feb 11 j 22:03	0°♐	
	-7987 Mar 08 j 18:31	0°♑	
	-7987 Apr 02 j 09:00	0°♒	
morning set	-7987 Apr 09 j 20:28	9°♒10'46	
	-7987 Apr 26 j 17:42	0°♓	
max. Earth dist.	-7987 May 10 j 19:32	17°♓27'27	1.72532 AU
asc. node	-7987 May 13 j 12:27	20°♓49'13	
superior conj	-7987 May 15 j 09:22	23°♓08'56	0°04'24
minimum elong	-7987 May 15 j 08:32	23°♓06'20	0°04'14
behind sun begin	-7987 May 14 j 10:54	21°♓59'02	
behind sun end	-7987 May 16 j 06:10	24°♓13'39	
	-7987 May 20 j 21:25	0°♈	
	-7987 Jun 13 j 21:28	0°♉	
evening rise	-7987 Jun 20 j 17:19	8°♉33'11	
	-7987 Jul 07 j 19:42	0°♊	
	-7987 Jul 31 j 18:20	0°♋	
	-7987 Aug 24 j 19:40	0°♌	
desc. node	-7987 Sep 02 j 22:50	11°♌19'46	
	-7987 Sep 18 j 01:55	0°♍	
	-7987 Oct 12 j 15:47	0°♎	
	-7987 Nov 06 j 18:47	0°♏	
	-7987 Dec 03 j 01:00	0°♐	
asc. node	-7987 Dec 24 j 04:22	22°♐11'54	
evening max el	-7987 Dec 25 j 08:04	23°♐19'54	45°22'02
	-7986 Jan 01 j 08:42	0°♑	
greatest brilliancy	-7986 Feb 01 j 03:53	21°♑22'47	-4.7m
retrograde	-7986 Feb 11 j 21:09	23°♑27'53	
evening set	-7986 Mar 01 j 06:07	17°♑46'56	
inferior conj	-7986 Mar 05 j 09:20	15°♑13'38	7°23'57
minimum elong	-7986 Mar 05 j 15:48	15°♑03'24	7°22'43
min. Earth dist.	-7986 Mar 06 j 04:36	14°♑43'12	0.29471 AU
morning rise	-7986 Mar 10 j 01:13	12°♑20'21	
direct	-7986 Mar 27 j 07:58	6°♑43'12	
greatest brilliancy	-7986 Apr 06 j 23:45	8°♑44'07	-4.7m
desc. node	-7986 Apr 15 j 20:43	12°♑58'50	
	-7986 May 08 j 02:55	0°♒	
morning max el	-7986 May 15 j 14:57	7°♒01'32	46°09'45
	-7986 Jun 06 j 19:39	0°♓	
	-7986 Jul 03 j 05:17	0°♈	
	-7986 Jul 28 j 05:36	0°♉	
asc. node	-7986 Aug 06 j 01:48	10°♉50'39	
	-7986 Aug 21 j 12:32	0°♊	
	-7986 Sep 14 j 11:28	0°♋	
	-7986 Oct 08 j 08:54	0°♌	
	-7986 Nov 01 j 08:56	0°♍	
morning set	-7986 Nov 18 j 10:33	21°♍12'14	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-7986 Nov 25 j 13:03	0°♎	
desc. node	-7986 Nov 26 j 11:42	1°♎10'00	
	-7986 Dec 19 j 20:35	0°♏	
superior conj	-7986 Dec 29 j 05:06	11°♏30'48	-1°04'33
minimum elong	-7986 Dec 28 j 19:40	11°♏01'47	1°04'36
max. Earth dist.	-7986 Dec 31 j 00:38	13°♏44'38	1.73276 AU
	-7985 Jan 13 j 06:01	0°♐	
evening rise	-7985 Feb 04 j 20:21	27°♐44'39	
	-7985 Feb 06 j 16:29	0°♑	
greatest brilliancy	-7985 Feb 17 j 23:12	13°♑49'50	-3.9m
	-7985 Mar 03 j 04:14	0°♒	
asc. node	-7985 Mar 18 j 12:35	18°♒44'38	
	-7985 Mar 27 j 18:22	0°♓	
	-7985 Apr 21 j 12:12	0°♈	
	-7985 May 16 j 11:22	0°♉	
	-7985 Jun 10 j 19:22	0°♊	
	-7985 Jul 06 j 21:02	0°♋	
desc. node	-7985 Jul 09 j 02:08	2°♋28'51	
evening max el	-7985 Aug 03 j 07:06	29°♋30'09	47°44'16
	-7985 Aug 03 j 18:56	0°♌	
	-7985 Sep 10 j 06:11	0°♍	
greatest brilliancy	-7985 Sep 13 j 18:47	1°♍27'06	-4.9m
retrograde	-7985 Sep 23 j 09:16	3°♍14'35	
	-7985 Oct 05 j 22:14	30°℞♌	
evening set	-7985 Oct 08 j 17:45	28°♌29'49	
min. Earth dist.	-7985 Oct 13 j 15:39	25°♌31'09	0.26879 AU
inferior conj	-7985 Oct 14 j 02:59	25°♌13'24	-3°42'52
minimum elong	-7985 Oct 14 j 10:27	25°♌01'40	3°40'21
morning rise	-7985 Oct 20 j 03:39	21°♌36'45	
asc. node	-7985 Oct 29 j 09:33	17°♌59'48	
direct	-7985 Nov 03 j 09:28	17°♌28'26	
greatest brilliancy	-7985 Nov 12 j 23:31	19°♌13'30	-4.9m
	-7985 Dec 01 j 11:06	0°♍	
morning max el	-7985 Dec 22 j 22:18	19°♍01'21	46°12'27
	-7984 Jan 02 j 19:43	0°♎	
	-7984 Jan 30 j 15:11	0°♏	
desc. node	-7984 Feb 19 j 00:28	21°♏53'51	
	-7984 Feb 26 j 01:42	0°♐	
	-7984 Mar 22 j 17:46	0°♑	
	-7984 Apr 16 j 19:57	0°♒	
	-7984 May 11 j 10:47	0°♓	
	-7984 Jun 04 j 16:26	0°♈	
asc. node	-7984 Jun 10 j 01:52	6°♈43'41	
morning set	-7984 Jun 16 j 10:02	14°♈39'31	
	-7984 Jun 28 j 15:18	0°♉	
	-7984 Jul 22 j 10:07	0°♊	
max. Earth dist.	-7984 Jul 23 j 21:22	1°♊51'22	1.70886 AU
superior conj	-7984 Jul 24 j 15:11	2°♊47'40	1°19'12
minimum elong	-7984 Jul 24 j 09:05	2°♊28'24	1°19'33
	-7984 Aug 15 j 03:54	0°♋	
evening rise	-7984 Sep 03 j 11:32	24°♋20'55	
	-7984 Sep 07 j 23:27	0°♌	
desc. node	-7984 Sep 30 j 11:18	28°♌09'34	
	-7984 Oct 01 j 22:43	0°♍	
	-7984 Oct 26 j 02:39	0°♎	
	-7984 Nov 19 j 12:06	0°♏	
	-7984 Dec 14 j 05:33	0°♐	
	-7983 Jan 08 j 13:04	0°♑	
asc. node	-7983 Jan 20 j 15:12	13°♑56'00	
	-7983 Feb 03 j 23:27	0°♒	
	-7983 Mar 04 j 22:04	0°♓	
evening max el	-7983 Mar 06 j 12:46	1°♓31'57	45°03'10
greatest brilliancy	-7983 Apr 13 j 11:35	28°♓33'39	-4.7m
	-7983 Apr 18 j 23:48	0°♈	
retrograde	-7983 Apr 23 j 18:04	0°♈25'01	
	-7983 Apr 28 j 09:38	30°℞♓	
evening set	-7983 May 08 j 09:39	26°♓22'28	
desc. node	-7983 May 13 j 07:29	23°♓36'05	
inferior conj	-7983 May 14 j 20:49	22°♓40'06	-0°22'03
minimum elong	-7983 May 14 j 19:59	22°♓41'22	0°21'57
min. Earth dist.	-7983 May 15 j 15:26	22°♓12'06	0.27815 AU
morning rise	-7983 May 21 j 05:26	18°♓59'17	
direct	-7983 Jun 05 j 07:22	14°♓40'09	
greatest brilliancy	-7983 Jun 16 j 18:28	17°♓03'26	-4.8m
	-7983 Jul 07 j 05:34	0°♈	
morning max el	-7983 Jul 25 j 15:12	16°♈58'07	46°40'23
	-7983 Aug 07 j 01:55	0°♉	
	-7983 Sep 02 j 11:28	0°♊	
asc. node	-7983 Sep 02 j 13:51	0°♊07'00	
	-7983 Sep 27 j 11:15	0°♋	
	-7983 Oct 21 j 22:58	0°♌	
	-7983 Nov 15 j 08:37	0°♍	
	-7983 Dec 09 j 20:14	0°♎	
desc. node	-7983 Dec 24 j 01:08	17°♎21'08	
	-7982 Jan 03 j 09:56	0°♏	
	-7982 Jan 27 j 23:57	0°♐	
morning set	-7982 Jan 30 j 11:11	3°♐00'51	
	-7982 Feb 21 j 12:33	0°♑	
max. Earth dist.	-7982 Mar 05 j 13:59	14°♑47'25	1.73738 AU
superior conj	-7982 Mar 07 j 21:29	17°♑37'51	-1°12'04
minimum elong	-7982 Mar 08 j 04:14	17°♑58'33	1°12'27
	-7982 Mar 17 j 22:59	0°♒	
	-7982 Apr 11 j 07:28	0°♓	
evening rise	-7982 Apr 12 j 08:31	1°♓17'17	
asc. node	-7982 Apr 15 j 01:24	4°♓37'26	
	-7982 May 05 j 14:39	0°♈	
	-7982 May 29 j 21:21	0°♉	
	-7982 Jun 23 j 04:57	0°♊	
	-7982 Jul 17 j 15:49	0°♋	
desc. node	-7982 Aug 05 j 13:11	22°♋56'45	
	-7982 Aug 11 j 09:43	0°♌	
	-7982 Sep 05 j 17:26	0°♍	
	-7982 Oct 02 j 07:32	0°♎	
evening max el	-7982 Oct 13 j 11:28	11°♎45'17	46°59'44
	-7982 Nov 01 j 23:52	0°♏	
greatest brilliancy	-7982 Nov 22 j 00:59	12°♏52'37	-4.8m
asc. node	-7982 Nov 25 j 20:10	14°♏10'23	
retrograde	-7982 Dec 03 j 04:14	15°♏13'30	
evening set	-7982 Dec 18 j 22:58	10°♏10'59	
min. Earth dist.	-7982 Dec 23 j 13:02	7°♏19'15	0.28769 AU
inferior conj	-7982 Dec 24 j 08:35	6°♏47'42	5°59'06
minimum elong	-7982 Dec 23 j 23:51	7°♏01'47	5°57'08
morning rise	-7982 Dec 29 j 01:26	3°♏50'47	
	-7981 Jan 06 j 00:22	30°℞♎	
direct	-7981 Jan 14 j 15:43	28°♎29'27	
greatest brilliancy	-7981 Jan 23 j 10:31	29°♎55'13	-4.7m
	-7981 Jan 23 j 16:34	0°♏	
morning max el	-7981 Mar 04 j 08:51	28°♏10'18	45°53'48
	-7981 Mar 06 j 06:52	0°♐	
desc. node	-7981 Mar 18 j 12:00	12°♐09'35	
	-7981 Apr 04 j 07:16	0°♑	
	-7981 Apr 30 j 22:18	0°♒	
	-7981 May 26 j 08:36	0°♓	
	-7981 Jun 20 j 00:34	0°♈	
asc. node	-7981 Jul 08 j 15:07	23°♈04'22	
	-7981 Jul 14 j 04:08	0°♉	
greatest brilliancy	-7981 Jul 20 j 21:26	8°♉25'48	-3.9m
	-7981 Aug 07 j 00:10	0°♊	
morning set	-7981 Aug 30 j 06:52	29°♊27'00	
	-7981 Aug 30 j 17:18	0°♋	
	-7981 Sep 23 j 11:26	0°♌	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

superior conj	-7981 Oct 11 j 04:27	22°♌14'53	0°39'17
minimum elong	-7981 Oct 11 j 14:15	22°♌45'36	0°39'14
	-7981 Oct 17 j 09:05	0°♍	
max. Earth dist.	-7981 Oct 17 j 20:26	0°♍35'28	1.71478 AU
desc. node	-7981 Oct 29 j 00:28	14°♍31'56	
	-7981 Nov 10 j 10:59	0°♎	
evening rise	-7981 Nov 22 j 19:50	15°♎19'49	
	-7981 Dec 04 j 16:47	0°♏	
	-7981 Dec 29 j 02:14	0°♐	
	-7980 Jan 22 j 16:25	0°♑	
	-7980 Feb 16 j 14:05	0°♒	
asc. node	-7980 Feb 18 j 02:36	1°♒49'00	
	-7980 Mar 12 j 23:35	0°♓	
	-7980 Apr 08 j 03:47	0°♈	
	-7980 May 05 j 19:16	0°♉	
evening max el	-7980 May 18 j 09:15	12°♉39'18	46°21'36
	-7980 Jun 06 j 23:15	0°♊	
desc. node	-7980 Jun 09 j 17:53	2°♊06'25	
greatest brilliancy	-7980 Jun 27 j 21:42	12°♊15'37	-4.9m
retrograde	-7980 Jul 07 j 05:56	13°♊51'56	
evening set	-7980 Jul 24 j 15:33	8°♊13'21	
inferior conj	-7980 Jul 28 j 00:11	6°♊13'29	-8°43'12
minimum elong	-7980 Jul 27 j 19:22	6°♊20'45	8°42'24
min. Earth dist.	-7980 Jul 27 j 20:26	6°♊19'09	0.26678 AU
morning rise	-7980 Jul 30 j 23:07	4°♊27'41	
	-7980 Aug 09 j 07:57	30°℞♉	
direct	-7980 Aug 17 j 10:45	28°♉39'43	
	-7980 Aug 25 j 19:19	0°♊	
greatest brilliancy	-7980 Aug 27 j 21:45	0°♊43'30	-4.9m
asc. node	-7980 Sep 30 j 01:07	25°♊05'58	
	-7980 Oct 05 j 00:01	0°♋	
morning max el	-7980 Oct 07 j 02:33	2°♋08'21	46°42'56
	-7980 Nov 01 j 18:14	0°♌	
	-7980 Nov 27 j 17:14	0°♍	
	-7980 Dec 23 j 03:18	0°♎	
	-7979 Jan 17 j 08:27	0°♏	
desc. node	-7979 Jan 20 j 14:07	3°♏51'46	
	-7979 Feb 11 j 09:37	0°♐	
	-7979 Mar 08 j 05:44	0°♑	
	-7979 Apr 01 j 20:03	0°♒	
morning set	-7979 Apr 07 j 15:50	7°♒08'55	
	-7979 Apr 26 j 04:41	0°♓	
max. Earth dist.	-7979 May 08 j 15:15	15°♓25'26	1.72594 AU
asc. node	-7979 May 12 j 14:41	20°♓21'58	
superior conj	-7979 May 13 j 03:50	21°♓02'51	0°01'18
minimum elong	-7979 May 13 j 03:35	21°♓02'05	0°01'09
behind sun begin	-7979 May 12 j 05:26	19°♓53'12	
behind sun end	-7979 May 14 j 01:44	22°♓10'59	
	-7979 May 20 j 08:25	0°♈	
	-7979 Jun 13 j 08:37	0°♉	
evening rise	-7979 Jun 18 j 09:44	6°♉19'14	
	-7979 Jul 07 j 07:03	0°♊	
	-7979 Jul 31 j 05:57	0°♋	
	-7979 Aug 24 j 07:35	0°♌	
desc. node	-7979 Sep 02 j 00:55	10°♌48'54	
	-7979 Sep 17 j 14:13	0°♍	
	-7979 Oct 12 j 04:41	0°♎	
	-7979 Nov 06 j 08:47	0°♏	
	-7979 Dec 02 j 17:35	0°♐	
evening max el	-7979 Dec 22 j 22:49	21°♐05'23	45°24'33
asc. node	-7979 Dec 23 j 06:38	21°♐24'30	
	-7978 Jan 01 j 10:23	0°♑	
greatest brilliancy	-7978 Jan 29 j 19:44	19°♑15'19	-4.7m
retrograde	-7978 Feb 09 j 14:27	21°♑22'11	
evening set	-7978 Feb 27 j 00:48	15°♑37'44	
inferior conj	-7978 Mar 03 j 02:28	13°♑06'44	7°30'53
minimum elong	-7978 Mar 03 j 08:29	12°♑57'14	7°29'45
min. Earth dist.	-7978 Mar 03 j 20:42	12°♑37'59	0.29502 AU
morning rise	-7978 Mar 07 j 15:55	10°♑17'07	
direct	-7978 Mar 25 j 00:45	4°♑35'38	
greatest brilliancy	-7978 Apr 04 j 15:47	6°♑35'58	-4.7m
desc. node	-7978 Apr 14 j 23:04	11°♑40'55	
	-7978 May 08 j 04:12	0°♒	
morning max el	-7978 May 13 j 07:38	4°♒51'41	46°08'47
	-7978 Jun 06 j 12:22	0°♓	
	-7978 Jul 02 j 19:22	0°♈	
	-7978 Jul 27 j 18:29	0°♉	
asc. node	-7978 Aug 05 j 03:54	10°♉18'16	
	-7978 Aug 21 j 00:49	0°♊	
	-7978 Sep 13 j 23:23	0°♋	
	-7978 Oct 07 j 20:34	0°♌	
	-7978 Oct 31 j 20:26	0°♍	
morning set	-7978 Nov 15 j 21:16	18°♍41'15	
	-7978 Nov 25 j 00:25	0°♎	
desc. node	-7978 Nov 25 j 13:48	0°♎41'25	
	-7978 Dec 19 j 07:48	0°♏	
superior conj	-7978 Dec 26 j 19:29	9°♏13'03	-1°02'26
minimum elong	-7978 Dec 26 j 09:49	8°♏43'18	1°02'26
max. Earth dist.	-7978 Dec 28 j 17:21	11°♏34'09	1.73230 AU
	-7977 Jan 12 j 17:09	0°♐	
evening rise	-7977 Feb 02 j 14:08	25°♐37'56	
	-7977 Feb 06 j 03:36	0°♑	
greatest brilliancy	-7977 Feb 16 j 15:28	12°♑51'58	-3.9m
	-7977 Mar 02 j 15:29	0°♒	
asc. node	-7977 Mar 17 j 14:49	18°♒16'31	
	-7977 Mar 27 j 05:58	0°♓	
	-7977 Apr 21 j 00:24	0°♈	
	-7977 May 16 j 00:30	0°♉	
	-7977 Jun 10 j 09:56	0°♊	
	-7977 Jul 06 j 14:15	0°♋	
desc. node	-7977 Jul 08 j 04:16	1°♋46'00	
evening max el	-7977 Jul 31 j 21:37	27°♋06'32	47°43'33
	-7977 Aug 03 j 19:01	0°♌	
greatest brilliancy	-7977 Sep 11 j 09:13	28°♌59'57	-4.9m
	-7977 Sep 14 j 16:54	0°♍	
retrograde	-7977 Sep 20 j 23:24	0°♍47'06	
	-7977 Sep 27 j 01:43	30°℞♌	
evening set	-7977 Oct 06 j 09:46	25°♌58'56	
min. Earth dist.	-7977 Oct 11 j 05:33	23°♌03'37	0.26843 AU
inferior conj	-7977 Oct 11 j 16:27	22°♌46'35	-4°03'54
minimum elong	-7977 Oct 12 j 00:31	22°♌33'59	4°01'15
morning rise	-7977 Oct 17 j 15:45	19°♌12'31	
asc. node	-7977 Oct 28 j 11:54	15°♌17'26	
direct	-7977 Oct 31 j 22:51	15°♌02'25	
greatest brilliancy	-7977 Nov 10 j 13:22	16°♌48'32	-4.9m
	-7977 Dec 02 j 01:41	0°♍	
morning max el	-7977 Dec 20 j 13:41	16°♍44'12	46°13'29
	-7976 Jan 02 j 15:23	0°♎	
	-7976 Jan 30 j 06:26	0°♏	
desc. node	-7976 Feb 18 j 02:31	21°♏20'26	
	-7976 Feb 25 j 15:01	0°♐	
	-7976 Mar 22 j 06:02	0°♑	
	-7976 Apr 16 j 07:38	0°♒	
	-7976 May 10 j 22:10	0°♓	
	-7976 Jun 04 j 03:43	0°♈	
asc. node	-7976 Jun 09 j 03:59	6°♈15'08	
morning set	-7976 Jun 14 j 02:16	12°♈24'49	
	-7976 Jun 28 j 02:36	0°♉	
max. Earth dist.	-7976 Jul 21 j 03:16	29°♉02'30	1.70918 AU
	-7976 Jul 21 j 21:28	0°♊	
superior conj	-7976 Jul 22 j 04:11	0°♊21'14	1°17'59

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-7976 Jul 21 j 21:27	29°♉59'57	1°18'19
	-7976 Aug 14 j 15:20	0°♋	
evening rise	-7976 Aug 31 j 19:48	21°♋39'44	
	-7976 Sep 07 j 10:59	0°♌	
desc. node	-7976 Sep 29 j 13:32	27°♌40'14	
	-7976 Oct 01 j 10:22	0°♍	
	-7976 Oct 25 j 14:26	0°♎	
	-7976 Nov 19 j 00:08	0°♏	
	-7976 Dec 13 j 18:05	0°♐	
	-7975 Jan 08 j 02:39	0°♑	
asc. node	-7975 Jan 19 j 17:21	13°♑21'00	
	-7975 Feb 03 j 15:28	0°♒	
evening max el	-7975 Mar 04 j 04:26	29°♒20'15	45°02'03
	-7975 Mar 04 j 21:19	0°♓	
greatest brilliancy	-7975 Apr 11 j 01:27	26°♓18'20	-4.7m
retrograde	-7975 Apr 21 j 07:53	28°♓09'18	
evening set	-7975 May 06 j 00:39	24°♓05'52	
inferior conj	-7975 May 12 j 11:08	20°♓23'47	-0°00'53
minimum elong	-7975 May 12 j 11:05	20°♓23'50	0°01'01
transit middle	-7975 May 12 j 11:05	20°♓23'50	0°01'01
transit begin	-7975 May 12 j 06:59	20°♓30'02	
transit end	-7975 May 12 j 15:12	20°♓17'38	
desc. node	-7975 May 12 j 09:38	20°♓26'02	
min. Earth dist.	-7975 May 13 j 06:30	19°♓54'32	0.27876 AU
morning rise	-7975 May 18 j 20:39	16°♓41'13	
direct	-7975 Jun 02 j 22:50	12°♓22'47	
greatest brilliancy	-7975 Jun 14 j 09:15	14°♓45'06	-4.8m
	-7975 Jul 07 j 15:09	0°♈	
morning max el	-7975 Jul 23 j 05:11	14°♈35'15	46°39'24
	-7975 Aug 06 j 20:49	0°♉	
asc. node	-7975 Sep 01 j 16:06	29°♉28'40	
	-7975 Sep 02 j 02:43	0°♊	
	-7975 Sep 27 j 00:56	0°♋	
	-7975 Oct 21 j 11:46	0°♌	
	-7975 Nov 14 j 20:51	0°♍	
	-7975 Dec 09 j 08:03	0°♎	
desc. node	-7975 Dec 23 j 03:10	16°♎51'55	
	-7974 Jan 02 j 21:25	0°♏	
	-7974 Jan 27 j 11:12	0°♐	
morning set	-7974 Jan 28 j 03:45	0°♐50'32	
	-7974 Feb 20 j 23:39	0°♑	
max. Earth dist.	-7974 Mar 03 j 11:16	12°♑51'26	1.73747 AU
superior conj	-7974 Mar 05 j 16:37	15°♑35'10	-1°13'25
minimum elong	-7974 Mar 05 j 23:02	15°♑54'53	1°13'49
	-7974 Mar 17 j 10:04	0°♒	
evening rise	-7974 Apr 10 j 04:12	29°♒15'31	
	-7974 Apr 10 j 18:38	0°♓	
asc. node	-7974 Apr 14 j 03:40	4°♓09'54	
	-7974 May 05 j 02:00	0°♈	
	-7974 May 29 j 09:02	0°♉	
	-7974 Jun 22 j 17:06	0°♊	
	-7974 Jul 17 j 04:37	0°♋	
desc. node	-7974 Aug 04 j 15:18	22°♋22'24	
	-7974 Aug 10 j 23:29	0°♌	
	-7974 Sep 05 j 08:51	0°♍	
	-7974 Oct 02 j 02:40	0°♎	
evening max el	-7974 Oct 11 j 03:08	9°♎26'57	47°02'54
	-7974 Nov 02 j 11:23	0°♏	
greatest brilliancy	-7974 Nov 19 j 19:19	10°♏40'37	-4.8m
asc. node	-7974 Nov 24 j 22:22	12°♏18'13	
retrograde	-7974 Nov 30 j 20:57	13°♏00'05	
evening set	-7974 Dec 16 j 13:33	8°♏01'26	
min. Earth dist.	-7974 Dec 21 j 05:15	5°♏07'15	0.28698 AU
inferior conj	-7974 Dec 22 j 01:16	4°♏34'55	5°46'05
minimum elong	-7974 Dec 21 j 16:31	4°♏49'02	5°44'02
morning rise	-7974 Dec 26 j 20:12	1°♏34'40	
	-7974 Dec 29 j 15:54	30°℞♎	
direct	-7973 Jan 12 j 07:30	26°♎17'56	
greatest brilliancy	-7973 Jan 21 j 02:00	27°♎43'18	-4.7m
	-7973 Jan 26 j 20:05	0°♏	
morning max el	-7973 Mar 01 j 23:29	25°♏57'04	45°53'50
	-7973 Mar 06 j 04:35	0°♐	
desc. node	-7973 Mar 17 j 14:20	11°♐28'06	
	-7973 Apr 03 j 22:56	0°♑	
	-7973 Apr 30 j 11:47	0°♒	
	-7973 May 25 j 21:02	0°♓	
	-7973 Jun 19 j 12:26	0°♈	
asc. node	-7973 Jul 07 j 17:13	22°♈34'41	
	-7973 Jul 13 j 15:42	0°♉	
greatest brilliancy	-7973 Jul 22 j 12:05	11°♉06'29	-3.9m
	-7973 Aug 06 j 11:37	0°♊	
morning set	-7973 Aug 27 j 17:24	26°♊52'20	
	-7973 Aug 30 j 04:43	0°♋	
	-7973 Sep 22 j 22:51	0°♌	
superior conj	-7973 Oct 08 j 12:53	19°♌35'16	0°42'45
minimum elong	-7973 Oct 08 j 23:18	20°♌07'54	0°42'44
max. Earth dist.	-7973 Oct 15 j 04:28	27°♌54'52	1.71416 AU
	-7973 Oct 16 j 20:29	0°♍	
desc. node	-7973 Oct 28 j 02:34	14°♍03'00	
	-7973 Nov 09 j 22:21	0°♎	
evening rise	-7973 Nov 20 j 06:41	12°♎49'39	
	-7973 Dec 04 j 04:08	0°♏	
	-7973 Dec 28 j 13:40	0°♐	
	-7972 Jan 22 j 04:07	0°♑	
	-7972 Feb 16 j 02:21	0°♒	
asc. node	-7972 Feb 17 j 04:52	1°♒19'03	
	-7972 Mar 12 j 12:55	0°♓	
	-7972 Apr 07 j 19:13	0°♈	
	-7972 May 05 j 15:34	0°♉	
evening max el	-7972 May 15 j 21:02	10°♉12'42	46°18'01
	-7972 Jun 07 j 17:19	0°♊	
desc. node	-7972 Jun 08 j 20:03	0°♊48'09	
greatest brilliancy	-7972 Jun 25 j 09:07	9°♊46'33	-4.9m
retrograde	-7972 Jul 04 j 17:25	11°♊23'12	
evening set	-7972 Jul 21 j 23:45	5°♊50'12	
inferior conj	-7972 Jul 25 j 12:15	3°♊45'08	-8°36'47
minimum elong	-7972 Jul 25 j 06:33	3°♊53'42	8°35'52
min. Earth dist.	-7972 Jul 25 j 08:56	3°♊50'06	0.26695 AU
morning rise	-7972 Jul 28 j 13:14	1°♊56'30	
	-7972 Aug 01 j 01:25	30°℞♉	
direct	-7972 Aug 14 j 22:46	26°♉10'46	
greatest brilliancy	-7972 Aug 25 j 11:49	28°♉16'11	-4.9m
	-7972 Aug 29 j 10:29	0°♊	
asc. node	-7972 Sep 29 j 03:26	24°♊08'25	
morning max el	-7972 Oct 04 j 14:55	29°♊38'10	46°43'37
	-7972 Oct 04 j 23:27	0°♋	
	-7972 Nov 01 j 11:03	0°♌	
	-7972 Nov 27 j 07:33	0°♍	
	-7972 Dec 22 j 16:17	0°♎	
	-7971 Jan 16 j 20:37	0°♏	
desc. node	-7971 Jan 19 j 16:12	3°♏21'56	
	-7971 Feb 10 j 21:13	0°♐	
	-7971 Mar 07 j 16:59	0°♑	
	-7971 Apr 01 j 07:05	0°♒	
morning set	-7971 Apr 05 j 11:06	5°♒06'51	
	-7971 Apr 25 j 15:38	0°♓	
max. Earth dist.	-7971 May 06 j 12:23	13°♓27'51	1.72655 AU
superior conj	-7971 May 10 j 22:17	18°♓56'49	-0°01'49
minimum elong	-7971 May 10 j 22:41	18°♓58'03	0°01'58
behind sun begin	-7971 May 10 j 00:37	17°♓49'29	
behind sun end	-7971 May 11 j 20:45	20°♓06'38	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

asc. node	-7971 May 11 j 16:43	19°♓54'08	
	-7971 May 19 j 19:26	0°♈	
	-7971 Jun 12 j 19:47	0°♉	
evening rise	-7971 Jun 16 j 02:27	4°♉06'16	
	-7971 Jul 06 j 18:25	0°♊	
	-7971 Jul 30 j 17:32	0°♋	
	-7971 Aug 23 j 19:26	0°♌	
desc. node	-7971 Sep 01 j 03:13	10°♌18'55	
	-7971 Sep 17 j 02:27	0°♍	
	-7971 Oct 11 j 17:32	0°♎	
	-7971 Nov 05 j 22:50	0°♏	
	-7971 Dec 02 j 10:25	0°♐	
evening max el	-7971 Dec 20 j 14:29	18°♐53'07	45°27'07
asc. node	-7971 Dec 22 j 08:48	20°♐36'13	
	-7970 Jan 01 j 13:32	0°♑	
greatest brilliancy	-7970 Jan 27 j 11:32	17°♑07'47	-4.7m
retrograde	-7970 Feb 07 j 08:11	19°♑16'29	
evening set	-7970 Feb 24 j 19:25	13°♑28'55	
inferior conj	-7970 Feb 28 j 19:39	10°♑59'54	7°37'10
minimum elong	-7970 Mar 01 j 01:10	10°♑51'13	7°36'09
min. Earth dist.	-7970 Mar 01 j 12:27	10°♑33'24	0.29528 AU
morning rise	-7970 Mar 05 j 06:44	8°♑13'54	
direct	-7970 Mar 22 j 17:57	2°♑28'25	
greatest brilliancy	-7970 Apr 02 j 07:07	4°♑27'29	-4.7m
desc. node	-7970 Apr 14 j 01:11	10°♑25'22	
	-7970 May 08 j 04:08	0°♒	
morning max el	-7970 May 11 j 00:53	2°♒43'52	46°07'46
	-7970 Jun 06 j 04:38	0°♓	
	-7970 Jul 02 j 09:09	0°♈	
	-7970 Jul 27 j 07:09	0°♉	
asc. node	-7970 Aug 04 j 06:05	9°♉46'40	
	-7970 Aug 20 j 12:54	0°♊	
	-7970 Sep 13 j 11:06	0°♋	
	-7970 Oct 07 j 08:02	0°♌	
	-7970 Oct 31 j 07:43	0°♍	
morning set	-7970 Nov 13 j 08:18	16°♍11'51	
	-7970 Nov 24 j 11:32	0°♎	
desc. node	-7970 Nov 24 j 15:50	0°♎13'17	
	-7970 Dec 18 j 18:49	0°♏	
superior conj	-7970 Dec 24 j 09:47	6°♏55'36	-1°00'12
minimum elong	-7970 Dec 23 j 23:56	6°♏25'18	1°00'09
max. Earth dist.	-7970 Dec 26 j 11:34	9°♏28'46	1.73189 AU
	-7969 Jan 12 j 04:05	0°♐	
evening rise	-7969 Jan 31 j 07:48	23°♐31'26	
	-7969 Feb 05 j 14:32	0°♑	
greatest brilliancy	-7969 Feb 15 j 07:23	11°♑53'32	-3.9m
	-7969 Mar 02 j 02:34	0°♒	
asc. node	-7969 Mar 16 j 17:03	17°♒48'59	
	-7969 Mar 26 j 17:23	0°♓	
	-7969 Apr 20 j 12:25	0°♈	
	-7969 May 15 j 13:28	0°♉	
	-7969 Jun 10 j 00:25	0°♊	
	-7969 Jul 06 j 07:34	0°♋	
desc. node	-7969 Jul 07 j 06:27	1°♋03'24	
evening max el	-7969 Jul 29 j 12:57	24°♋45'33	47°42'33
	-7969 Aug 03 j 20:00	0°♌	
greatest brilliancy	-7969 Sep 08 j 23:20	26°♌33'01	-4.9m
retrograde	-7969 Sep 18 j 13:38	28°♌19'52	
evening set	-7969 Oct 04 j 01:50	23°♌28'30	
inferior conj	-7969 Oct 09 j 05:47	20°♌20'12	-4°24'38
minimum elong	-7969 Oct 09 j 14:23	20°♌06'48	4°21'52
min. Earth dist.	-7969 Oct 08 j 19:08	20°♌36'50	0.26804 AU
morning rise	-7969 Oct 15 j 03:29	16°♌49'01	
asc. node	-7969 Oct 27 j 13:59	12°♌41'51	
direct	-7969 Oct 29 j 12:25	12°♌37'10	
greatest brilliancy	-7969 Nov 08 j 02:34	14°♌23'30	-4.9m
	-7969 Dec 02 j 12:08	0°♍	
morning max el	-7969 Dec 18 j 04:45	14°♍27'13	46°14'35
	-7968 Jan 02 j 10:06	0°♎	
	-7968 Jan 29 j 21:08	0°♏	
desc. node	-7968 Feb 17 j 04:47	20°♏48'50	
	-7968 Feb 25 j 03:54	0°♐	
	-7968 Mar 21 j 17:57	0°♑	
	-7968 Apr 15 j 19:01	0°♒	
	-7968 May 10 j 09:15	0°♓	
	-7968 Jun 03 j 14:42	0°♈	
asc. node	-7968 Jun 08 j 06:05	5°♈47'28	
morning set	-7968 Jun 11 j 18:35	10°♈11'29	
	-7968 Jun 27 j 13:33	0°♉	
max. Earth dist.	-7968 Jul 18 j 07:37	26°♉09'54	1.70955 AU
superior conj	-7968 Jul 19 j 17:25	27°♉56'36	1°16'39
minimum elong	-7968 Jul 19 j 10:07	27°♉33'35	1°16'56
	-7968 Jul 21 j 08:29	0°♊	
	-7968 Aug 14 j 02:28	0°♋	
evening rise	-7968 Aug 29 j 04:15	18°♋59'58	
	-7968 Sep 06 j 22:14	0°♌	
desc. node	-7968 Sep 28 j 15:38	27°♌11'20	
	-7968 Sep 30 j 21:44	0°♍	
	-7968 Oct 25 j 01:55	0°♎	
	-7968 Nov 18 j 11:50	0°♏	
	-7968 Dec 13 j 06:16	0°♐	
	-7967 Jan 07 j 15:55	0°♑	
asc. node	-7967 Jan 18 j 19:36	12°♑47'24	
	-7967 Feb 03 j 07:17	0°♒	
evening max el	-7967 Mar 01 j 19:32	27°♒08'18	45°00'53
	-7967 Mar 04 j 21:07	0°♓	
greatest brilliancy	-7967 Apr 08 j 16:01	24°♓05'02	-4.7m
retrograde	-7967 Apr 18 j 21:28	25°♓55'12	
evening set	-7967 May 03 j 15:57	21°♓50'30	
inferior conj	-7967 May 10 j 01:38	18°♓09'09	0°20'06
minimum elong	-7967 May 10 j 02:22	18°♓08'01	0°19'43
min. Earth dist.	-7967 May 10 j 22:06	17°♓38'10	0.27938 AU
desc. node	-7967 May 11 j 11:46	17°♓17'31	
morning rise	-7967 May 16 j 11:50	14°♓24'56	
direct	-7967 May 31 j 13:48	10°♓06'56	
greatest brilliancy	-7967 Jun 12 j 00:40	12°♓28'52	-4.8m
	-7967 Jul 07 j 21:41	0°♈	
morning max el	-7967 Jul 20 j 18:35	12°♈12'11	46°38'28
	-7967 Aug 06 j 14:50	0°♉	
asc. node	-7967 Aug 31 j 18:23	28°♉51'52	
	-7967 Sep 01 j 17:23	0°♊	
	-7967 Sep 26 j 14:07	0°♋	
	-7967 Oct 21 j 00:10	0°♌	
	-7967 Nov 14 j 08:43	0°♍	
	-7967 Dec 08 j 19:30	0°♎	
desc. node	-7967 Dec 22 j 05:19	16°♎24'10	
	-7966 Jan 02 j 08:31	0°♏	
morning set	-7966 Jan 25 j 20:23	28°♏41'36	
	-7966 Jan 26 j 22:02	0°♐	
	-7966 Feb 20 j 10:21	0°♑	
max. Earth dist.	-7966 Mar 01 j 08:01	10°♑55'06	1.73756 AU
superior conj	-7966 Mar 03 j 11:54	13°♑34'17	-1°14'40
minimum elong	-7966 Mar 03 j 17:57	13°♑52'53	1°15'05
	-7966 Mar 16 j 20:45	0°♒	
evening rise	-7966 Apr 07 j 24:00	27°♒15'17	
	-7966 Apr 10 j 05:26	0°♓	
asc. node	-7966 Apr 13 j 05:42	3°♓42'49	
	-7966 May 04 j 13:02	0°♈	
	-7966 May 28 j 20:25	0°♉	
	-7966 Jun 22 j 04:58	0°♊	
	-7966 Jul 16 j 17:09	0°♋	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

desc. node	-7966 Aug 03 j 17:35	21°♋49'29	
	-7966 Aug 10 j 13:01	0°♌	
	-7966 Sep 05 j 00:06	0°♍	
	-7966 Oct 01 j 21:57	0°♎	
evening max el	-7966 Oct 08 j 17:56	7°♎07'10	47°05'58
	-7966 Nov 03 j 02:19	0°♏	
greatest brilliancy	-7966 Nov 17 j 13:41	8°♏29'05	-4.8m
asc. node	-7966 Nov 24 j 00:36	10°♏22'29	
retrograde	-7966 Nov 28 j 13:26	10°♏47'11	
evening set	-7966 Dec 14 j 04:04	5°♏52'05	
min. Earth dist.	-7966 Dec 18 j 21:38	2°♏55'19	0.28626 AU
inferior conj	-7966 Dec 19 j 17:50	2°♏22'41	5°32'23
minimum elong	-7966 Dec 19 j 09:09	2°♏36'44	5°30'17
	-7966 Dec 23 j 11:47	30°℞♎	
morning rise	-7966 Dec 24 j 14:54	29°♎19'09	
direct	-7965 Jan 09 j 22:40	24°♎06'49	
greatest brilliancy	-7965 Jan 18 j 17:50	25°♎32'27	-4.7m
	-7965 Jan 28 j 15:45	0°♏	
morning max el	-7965 Feb 27 j 14:03	23°♏44'38	45°54'06
	-7965 Mar 06 j 01:07	0°♐	
desc. node	-7965 Mar 16 j 16:26	10°♐47'42	
	-7965 Apr 03 j 13:57	0°♑	
	-7965 Apr 30 j 00:46	0°♒	
	-7965 May 25 j 09:03	0°♓	
	-7965 Jun 18 j 23:58	0°♈	
asc. node	-7965 Jul 06 j 19:27	22°♈06'15	
	-7965 Jul 13 j 02:59	0°♉	
greatest brilliancy	-7965 Jul 23 j 15:06	13°♉11'35	-3.9m
	-7965 Aug 05 j 22:48	0°♊	
morning set	-7965 Aug 25 j 03:54	24°♊18'24	
	-7965 Aug 29 j 15:51	0°♋	
	-7965 Sep 22 j 09:59	0°♌	
superior conj	-7965 Oct 05 j 21:13	16°♌56'03	0°46'09
minimum elong	-7965 Oct 06 j 08:09	17°♌30'20	0°46'07
max. Earth dist.	-7965 Oct 12 j 09:39	25°♌06'11	1.71356 AU
	-7965 Oct 16 j 07:35	0°♍	
desc. node	-7965 Oct 27 j 04:35	13°♍34'39	
	-7965 Nov 09 j 09:27	0°♎	
evening rise	-7965 Nov 17 j 17:19	10°♎19'33	
	-7965 Dec 03 j 15:15	0°♏	
	-7965 Dec 28 j 00:53	0°♐	
	-7964 Jan 21 j 15:35	0°♑	
	-7964 Feb 15 j 14:22	0°♒	
asc. node	-7964 Feb 16 j 07:09	0°♒49'57	
	-7964 Mar 12 j 02:01	0°♓	
	-7964 Apr 07 j 10:31	0°♈	
	-7964 May 05 j 12:09	0°♉	
evening max el	-7964 May 13 j 09:16	7°♉48'23	46°14'23
desc. node	-7964 Jun 07 j 22:15	29°♉28'07	
	-7964 Jun 08 j 17:06	0°♊	
greatest brilliancy	-7964 Jun 22 j 19:44	7°♊17'14	-4.9m
retrograde	-7964 Jul 02 j 05:14	8°♊54'59	
evening set	-7964 Jul 19 j 07:34	3°♊27'30	
inferior conj	-7964 Jul 23 j 00:10	1°♊16'55	-8°29'19
minimum elong	-7964 Jul 22 j 17:39	1°♊26'41	8°28'14
min. Earth dist.	-7964 Jul 22 j 21:04	1°♊21'33	0.26719 AU
	-7964 Jul 25 j 03:44	30°℞♉	
morning rise	-7964 Jul 26 j 03:38	29°♉24'59	
direct	-7964 Aug 12 j 11:13	23°♉41'54	
greatest brilliancy	-7964 Aug 23 j 01:30	25°♉48'39	-4.9m
	-7964 Aug 31 j 10:51	0°♊	
asc. node	-7964 Sep 28 j 05:32	23°♊11'44	
morning max el	-7964 Oct 02 j 04:14	27°♊10'40	46°44'16
	-7964 Oct 04 j 21:51	0°♋	
	-7964 Nov 01 j 03:26	0°♌	
	-7964 Nov 26 j 21:34	0°♍	
	-7964 Dec 22 j 05:02	0°♎	
	-7963 Jan 16 j 08:35	0°♏	
desc. node	-7963 Jan 18 j 18:24	2°♏52'55	
	-7963 Feb 10 j 08:40	0°♐	
	-7963 Mar 07 j 04:05	0°♑	
	-7963 Mar 31 j 17:58	0°♒	
morning set	-7963 Apr 03 j 06:35	3°♒05'57	
	-7963 Apr 25 j 02:25	0°♓	
max. Earth dist.	-7963 May 04 j 09:58	11°♓32'21	1.72710 AU
superior conj	-7963 May 08 j 17:04	16°♓52'26	-0°04'52
minimum elong	-7963 May 08 j 18:03	16°♓55'28	0°05'00
behind sun begin	-7963 May 07 j 20:50	15°♓49'34	
behind sun end	-7963 May 09 j 15:15	18°♓01'22	
asc. node	-7963 May 10 j 18:56	19°♓27'21	
	-7963 May 19 j 06:16	0°♈	
	-7963 Jun 12 j 06:47	0°♉	
evening rise	-7963 Jun 13 j 19:31	1°♉54'56	
	-7963 Jul 06 j 05:40	0°♊	
	-7963 Jul 30 j 05:03	0°♋	
	-7963 Aug 23 j 07:16	0°♌	
desc. node	-7963 Aug 31 j 05:16	9°♌48'13	
	-7963 Sep 16 j 14:42	0°♍	
	-7963 Oct 11 j 06:28	0°♎	
	-7963 Nov 05 j 13:00	0°♏	
	-7963 Dec 02 j 03:34	0°♐	
evening max el	-7963 Dec 18 j 06:48	16°♐42'24	45°29'49
asc. node	-7963 Dec 21 j 11:06	19°♐47'26	
	-7962 Jan 01 j 18:29	0°♑	
greatest brilliancy	-7962 Jan 25 j 03:28	15°♑00'22	-4.7m
retrograde	-7962 Feb 05 j 01:50	17°♑10'24	
evening set	-7962 Feb 22 j 13:52	11°♑20'08	
inferior conj	-7962 Feb 26 j 12:45	8°♑52'48	7°43'01
minimum elong	-7962 Feb 26 j 17:43	8°♑44'56	7°42'05
min. Earth dist.	-7962 Feb 27 j 03:56	8°♑28'49	0.29548 AU
morning rise	-7962 Mar 02 j 21:28	6°♑10'15	
direct	-7962 Mar 20 j 11:25	0°♑21'07	
greatest brilliancy	-7962 Mar 30 j 21:45	2°♑18'08	-4.7m
desc. node	-7962 Apr 13 j 03:18	9°♑11'58	
	-7962 May 08 j 03:00	0°♒	
morning max el	-7962 May 08 j 18:07	0°♒36'20	46°06'54
	-7962 Jun 05 j 20:32	0°♓	
	-7962 Jul 01 j 22:45	0°♈	
	-7962 Jul 26 j 19:42	0°♉	
asc. node	-7962 Aug 03 j 08:19	9°♉15'33	
	-7962 Aug 20 j 00:55	0°♊	
	-7962 Sep 12 j 22:49	0°♋	
	-7962 Oct 06 j 19:34	0°♌	
	-7962 Oct 30 j 19:06	0°♍	
morning set	-7962 Nov 10 j 18:44	13°♍40'07	
desc. node	-7962 Nov 23 j 18:01	29°♍45'16	
	-7962 Nov 23 j 22:47	0°♎	
	-7962 Dec 18 j 05:55	0°♏	
superior conj	-7962 Dec 21 j 23:21	4°♏35'27	-0°57'48
minimum elong	-7962 Dec 21 j 13:23	4°♏04'47	0°57'44
max. Earth dist.	-7962 Dec 24 j 07:03	7°♏26'58	1.73143 AU
	-7961 Jan 11 j 15:06	0°♐	
evening rise	-7961 Jan 29 j 01:03	21°♐23'17	
	-7961 Feb 05 j 01:34	0°♑	
greatest brilliancy	-7961 Feb 14 j 04:07	11°♑09'29	-3.9m
	-7961 Mar 01 j 13:47	0°♒	
asc. node	-7961 Mar 15 j 19:06	17°♒20'28	
	-7961 Mar 26 j 04:58	0°♓	
	-7961 Apr 20 j 00:36	0°♈	
	-7961 May 15 j 02:34	0°♉	
	-7961 Jun 09 j 15:04	0°♊	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

desc. node	-7961 Jul 06 j 08:44	0°♋20'40		
	-7961 Jul 06 j 01:14	0°♋		
evening max el	-7961 Jul 27 j 04:08	22°♋24'12	47°41'15	
	-7961 Aug 03 j 22:17	0°♌		
greatest brilliancy	-7961 Sep 06 j 13:27	24°♌05'36	-4.9m	
retrograde	-7961 Sep 16 j 03:25	25°♌51'30		
evening set	-7961 Oct 01 j 17:54	20°♌57'01		
inferior conj	-7961 Oct 06 j 18:58	17°♌52'46	-4°45'04	
minimum elong	-7961 Oct 07 j 04:02	17°♌38'38	4°42'12	
min. Earth dist.	-7961 Oct 06 j 08:42	18°♌08'47	0.26773 AU	
morning rise	-7961 Oct 12 j 14:45	14°♌24'30		
asc. node	-7961 Oct 26 j 16:17	10°♌11'04		
direct	-7961 Oct 27 j 01:50	10°♌10'53		
greatest brilliancy	-7961 Nov 05 j 15:51	11°♌57'14	-4.9m	
	-7961 Dec 02 j 20:15	0°♍		
morning max el	-7961 Dec 15 j 18:56	12°♍06'50	46°15'33	
	-7960 Jan 02 j 04:43	0°♎		
	-7960 Jan 29 j 11:56	0°♏		
desc. node	-7960 Feb 16 j 06:53	20°♏16'08		
	-7960 Feb 24 j 16:58	0°♐		
	-7960 Mar 21 j 06:03	0°♑		
	-7960 Apr 15 j 06:35	0°♒		
	-7960 May 09 j 20:33	0°♓		
	-7960 Jun 03 j 01:53	0°♈		
asc. node	-7960 Jun 07 j 08:18	5°♈19'30		
morning set	-7960 Jun 09 j 11:07	7°♈58'16		
	-7960 Jun 27 j 00:43	0°♉		
max. Earth dist.	-7960 Jul 15 j 11:48	23°♉16'19	1.70990 AU	
superior conj	-7960 Jul 17 j 07:12	25°♉33'19	1°15'11	
minimum elong	-7960 Jul 16 j 23:25	25°♉08'44	1°15'25	
	-7960 Jul 20 j 19:41	0°♊		
	-7960 Aug 13 j 13:44	0°♋		
evening rise	-7960 Aug 26 j 13:19	16°♋21'44		
	-7960 Sep 06 j 09:38	0°♌		
desc. node	-7960 Sep 27 j 17:41	26°♌41'48		
	-7960 Sep 30 j 09:16	0°♍		
	-7960 Oct 24 j 13:38	0°♎		
	-7960 Nov 17 j 23:50	0°♏		
	-7960 Dec 12 j 18:49	0°♐		
	-7959 Jan 07 j 05:39	0°♑		
asc. node	-7959 Jan 17 j 21:51	12°♑12'30		
	-7959 Feb 02 j 23:48	0°♒		
evening max el	-7959 Feb 27 j 09:38	24°♒52'55	44°59'57	
	-7959 Mar 04 j 22:38	0°♓		
greatest brilliancy	-7959 Apr 06 j 06:28	21°♓50'31	-4.7m	
retrograde	-7959 Apr 16 j 10:52	23°♓40'16		
evening set	-7959 May 01 j 07:18	19°♓33'37		
inferior conj	-7959 May 07 j 16:04	15°♓53'29	0°41'03	
minimum elong	-7959 May 07 j 17:35	15°♓51'11	0°40'24	
min. Earth dist.	-7959 May 08 j 13:53	15°♓20'23	0.28001 AU	
desc. node	-7959 May 10 j 14:05	14°♓07'59		
morning rise	-7959 May 14 j 02:47	12°♓07'54		
direct	-7959 May 29 j 04:25	7°♓49'42		
greatest brilliancy	-7959 Jun 09 j 16:37	10°♓12'13	-4.8m	
	-7959 Jul 08 j 02:40	0°♈		
morning max el	-7959 Jul 18 j 08:05	9°♈48'27	46°37'48	
	-7959 Aug 06 j 08:47	0°♉		
asc. node	-7959 Aug 30 j 20:25	28°♉13'55		
	-7959 Sep 01 j 08:08	0°♊		
	-7959 Sep 26 j 03:26	0°♋		
	-7959 Oct 20 j 12:42	0°♌		
	-7959 Nov 13 j 20:46	0°♍		
	-7959 Dec 08 j 07:11	0°♎		
desc. node	-7959 Dec 21 j 07:26	15°♎55'24		
	-7958 Jan 01 j 19:55	0°♏		
morning set	-7958 Jan 23 j 12:30	26°♏29'58		
	-7958 Jan 26 j 09:14	0°♐		
	-7958 Feb 19 j 21:25	0°♑		
max. Earth dist.	-7958 Feb 27 j 03:33	8°♑53'56	1.73766 AU	
superior conj	-7958 Mar 01 j 06:46	11°♑31'02	-1°15'50	
minimum elong	-7958 Mar 01 j 12:25	11°♑48'22	1°16'16	
	-7958 Mar 16 j 07:48	0°♒		
evening rise	-7958 Apr 05 j 19:28	25°♒13'06		
	-7958 Apr 09 j 16:36	0°♓		
asc. node	-7958 Apr 12 j 07:53	3°♓15'02		
	-7958 May 04 j 00:26	0°♈		
	-7958 May 28 j 08:12	0°♉		
	-7958 Jun 21 j 17:16	0°♊		
	-7958 Jul 16 j 06:08	0°♋		
desc. node	-7958 Aug 02 j 19:41	21°♋14'52		
	-7958 Aug 10 j 02:58	0°♌		
	-7958 Sep 04 j 15:49	0°♍		
	-7958 Oct 01 j 17:59	0°♎		
evening max el	-7958 Oct 06 j 08:30	4°♎46'13	47°09'08	
	-7958 Nov 03 j 22:39	0°♏		
greatest brilliancy	-7958 Nov 15 j 07:40	6°♏16'27	-4.8m	
asc. node	-7958 Nov 23 j 02:52	8°♏21'57		
retrograde	-7958 Nov 26 j 06:09	8°♏33'57		
evening set	-7958 Dec 11 j 18:44	3°♏41'50		
min. Earth dist.	-7958 Dec 16 j 14:04	0°♏42'53	0.28558 AU	
inferior conj	-7958 Dec 17 j 10:31	0°♏09'53	5°18'03	
minimum elong	-7958 Dec 17 j 01:55	0°♏23'46	5°15'56	
	-7958 Dec 17 j 16:38	30°℞♎		
morning rise	-7958 Dec 22 j 09:44	27°♎03'12		
direct	-7957 Jan 07 j 13:47	21°♎54'54		
greatest brilliancy	-7957 Jan 16 j 09:57	23°♎21'10	-4.7m	
	-7957 Jan 29 j 22:04	0°♏		
morning max el	-7957 Feb 25 j 05:36	21°♏33'24	45°54'15	
	-7957 Mar 05 j 21:26	0°♐		
desc. node	-7957 Mar 15 j 18:31	10°♐06'37		
	-7957 Apr 03 j 05:13	0°♑		
	-7957 Apr 29 j 14:04	0°♒		
	-7957 May 24 j 21:24	0°♓		
	-7957 Jun 18 j 11:49	0°♈		
asc. node	-7957 Jul 05 j 21:33	21°♈36'27		
	-7957 Jul 12 j 14:35	0°♉		
greatest brilliancy	-7957 Jul 24 j 05:09	14°♉35'00	-3.9m	
	-7957 Aug 05 j 10:18	0°♊		
morning set	-7957 Aug 22 j 14:33	21°♊43'51		
	-7957 Aug 29 j 03:20	0°♋		
	-7957 Sep 21 j 21:25	0°♌		
superior conj	-7957 Oct 03 j 05:43	14°♌16'19	0°49'26	
minimum elong	-7957 Oct 03 j 17:04	14°♌51'55	0°49'24	
max. Earth dist.	-7957 Oct 09 j 13:11	22°♌11'18	1.71294 AU	
	-7957 Oct 15 j 18:58	0°♍		
desc. node	-7957 Oct 26 j 06:48	13°♍06'07		
	-7957 Nov 08 j 20:47	0°♎		
evening rise	-7957 Nov 15 j 04:07	7°♎49'13		
	-7957 Dec 03 j 02:36	0°♏		
	-7957 Dec 27 j 12:21	0°♐		
	-7956 Jan 21 j 03:20	0°♑		
asc. node	-7956 Feb 15 j 09:11	0°♒19'12		
	-7956 Feb 15 j 02:44	0°♒		
	-7956 Mar 11 j 15:34	0°♓		
	-7956 Apr 07 j 02:27	0°♈		
	-7956 May 05 j 09:54	0°♉		
evening max el	-7956 May 10 j 22:31	5°♉25'43	46°10'52	
desc. node	-7956 Jun 07 j 00:29	28°♉04'26		
	-7956 Jun 10 j 02:38	0°♊		
greatest brilliancy	-7956 Jun 20 j 05:46	4°♊46'34	-4.8m	
retrograde	-7956 Jun 29 j 17:27	6°♊25'50		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening set	-7956 Jul 16 j 15:11	1°♊04'06	
	-7956 Jul 18 j 11:25	30°℞♉	
inferior conj	-7956 Jul 20 j 12:01	28°♉47'42	-8°20'47
minimum elong	-7956 Jul 20 j 04:46	28°♉58'32	8°19'34
min. Earth dist.	-7956 Jul 20 j 08:52	28°♉52'24	0.26742 AU
morning rise	-7956 Jul 23 j 18:15	26°♉52'02	
direct	-7956 Aug 10 j 00:08	21°♉12'12	
greatest brilliancy	-7956 Aug 20 j 14:34	23°♉19'30	-4.9m
	-7956 Sep 01 j 19:55	0°♊	
asc. node	-7956 Sep 27 j 07:48	22°♊15'46	
morning max el	-7956 Sep 29 j 18:22	24°♊44'24	46°44'54
	-7956 Oct 04 j 19:45	0°♋	
	-7956 Oct 31 j 19:50	0°♌	
	-7956 Nov 26 j 11:42	0°♍	
	-7956 Dec 21 j 17:55	0°♎	
	-7955 Jan 15 j 20:41	0°♏	
desc. node	-7955 Jan 17 j 20:27	2°♏23'03	
	-7955 Feb 09 j 20:16	0°♐	
	-7955 Mar 06 j 15:20	0°♑	
	-7955 Mar 31 j 05:02	0°♒	
morning set	-7955 Apr 01 j 02:06	1°♒04'33	
	-7955 Apr 24 j 13:28	0°♓	
max. Earth dist.	-7955 May 02 j 05:36	9°♓30'03	1.72767 AU
superior conj	-7955 May 06 j 11:48	14°♓47'09	-0°07'55
minimum elong	-7955 May 06 j 13:22	14°♓52'01	0°08'02
behind sun begin	-7955 May 05 j 18:04	13°♓52'05	
behind sun end	-7955 May 07 j 08:40	15°♓51'57	
asc. node	-7955 May 09 j 21:08	18°♓59'46	
	-7955 May 18 j 17:23	0°♈	
evening rise	-7955 Jun 11 j 12:31	29°♈42'41	
	-7955 Jun 11 j 18:03	0°♉	
	-7955 Jul 05 j 17:09	0°♊	
	-7955 Jul 29 j 16:48	0°♋	
	-7955 Aug 22 j 19:21	0°♌	
desc. node	-7955 Aug 30 j 07:22	9°♌16'57	
	-7955 Sep 16 j 03:14	0°♍	
	-7955 Oct 10 j 19:41	0°♎	
	-7955 Nov 05 j 03:30	0°♏	
	-7955 Dec 01 j 21:12	0°♐	
evening max el	-7955 Dec 15 j 23:43	14°♐32'46	45°32'39
asc. node	-7955 Dec 20 j 13:20	18°♐57'29	
	-7954 Jan 02 j 01:35	0°♑	
greatest brilliancy	-7954 Jan 22 j 20:12	12°♑54'10	-4.7m
retrograde	-7954 Feb 02 j 19:29	15°♑04'50	
evening set	-7954 Feb 20 j 08:30	9°♑12'26	
inferior conj	-7954 Feb 24 j 06:10	6°♑46'26	7°48'08
minimum elong	-7954 Feb 24 j 10:36	6°♑39'25	7°47'17
min. Earth dist.	-7954 Feb 24 j 19:44	6°♑24'57	0.29563 AU
morning rise	-7954 Feb 28 j 12:39	4°♑06'56	
	-7954 Mar 08 j 18:55	30°℞♐	
direct	-7954 Mar 18 j 05:12	28°♐14'45	
	-7954 Mar 28 j 01:50	0°♑	
greatest brilliancy	-7954 Mar 28 j 12:22	0°♑09'08	-4.7m
desc. node	-7954 Apr 12 j 05:37	8°♑01'11	
morning max el	-7954 May 06 j 11:00	28°♑27'50	46°05'46
	-7954 May 08 j 01:04	0°♒	
	-7954 Jun 05 j 12:23	0°♓	
	-7954 Jul 01 j 12:27	0°♈	
	-7954 Jul 26 j 08:24	0°♉	
asc. node	-7954 Aug 02 j 10:24	8°♉43'26	
	-7954 Aug 19 j 13:04	0°♊	
	-7954 Sep 12 j 10:39	0°♋	
	-7954 Oct 06 j 07:11	0°♌	
	-7954 Oct 30 j 06:34	0°♍	
morning set	-7954 Nov 08 j 05:10	11°♍07'57	
desc. node	-7954 Nov 22 j 20:07	29°♍16'40	
	-7954 Nov 23 j 10:07	0°♎	
	-7954 Dec 17 j 17:07	0°♏	
superior conj	-7954 Dec 19 j 12:52	2°♏14'48	-0°55'19
minimum elong	-7954 Dec 19 j 02:53	1°♏44'04	0°55'12
max. Earth dist.	-7954 Dec 22 j 03:06	5°♏26'30	1.73091 AU
	-7953 Jan 11 j 02:11	0°♐	
evening rise	-7953 Jan 26 j 18:24	19°♐15'18	
	-7953 Feb 04 j 12:39	0°♑	
greatest brilliancy	-7953 Feb 13 j 04:10	10°♑35'35	-3.9m
	-7953 Mar 01 j 01:01	0°♒	
asc. node	-7953 Mar 14 j 21:22	16°♒52'40	
	-7953 Mar 25 j 16:35	0°♓	
	-7953 Apr 19 j 12:51	0°♈	
	-7953 May 14 j 15:50	0°♉	
	-7953 Jun 09 j 06:00	0°♊	
desc. node	-7953 Jul 05 j 10:50	29°♊36'26	
	-7953 Jul 05 j 19:27	0°♋	
evening max el	-7953 Jul 24 j 18:52	20°♋01'11	47°39'44
	-7953 Aug 04 j 02:18	0°♌	
greatest brilliancy	-7953 Sep 04 j 04:07	21°♌38'22	-4.9m
retrograde	-7953 Sep 13 j 16:41	23°♌22'30	
evening set	-7953 Sep 29 j 10:01	18°♌25'01	
inferior conj	-7953 Oct 04 j 08:07	15°♌25'03	-5°04'55
minimum elong	-7953 Oct 04 j 17:35	15°♌10'17	5°02'01
min. Earth dist.	-7953 Oct 03 j 22:33	15°♌39'59	0.26740 AU
morning rise	-7953 Oct 10 j 01:41	11°♌59'49	
direct	-7953 Oct 24 j 14:42	7°♌44'16	
asc. node	-7953 Oct 25 j 18:35	7°♌45'56	
greatest brilliancy	-7953 Nov 03 j 05:31	9°♌31'03	-4.9m
	-7953 Dec 03 j 02:06	0°♍	
morning max el	-7953 Dec 13 j 08:18	9°♍44'07	46°16'37
	-7952 Jan 01 j 22:51	0°♎	
	-7952 Jan 29 j 02:32	0°♏	
desc. node	-7952 Feb 15 j 08:57	19°♏43'38	
	-7952 Feb 24 j 05:51	0°♐	
	-7952 Mar 20 j 18:01	0°♑	
	-7952 Apr 14 j 18:01	0°♒	
	-7952 May 09 j 07:43	0°♓	
	-7952 Jun 02 j 12:57	0°♈	
asc. node	-7952 Jun 06 j 10:26	4°♈51'38	
morning set	-7952 Jun 07 j 03:59	5°♈46'26	
	-7952 Jun 26 j 11:48	0°♉	
max. Earth dist.	-7952 Jul 12 j 17:26	20°♉27'28	1.71039 AU
superior conj	-7952 Jul 14 j 21:08	23°♉10'36	1°13'35
minimum elong	-7952 Jul 14 j 12:54	22°♉44'38	1°13'47
	-7952 Jul 20 j 06:51	0°♊	
	-7952 Aug 13 j 01:02	0°♋	
evening rise	-7952 Aug 23 j 22:21	13°♋43'20	
	-7952 Sep 05 j 21:03	0°♌	
desc. node	-7952 Sep 26 j 19:55	26°♌12'53	
	-7952 Sep 29 j 20:48	0°♍	
	-7952 Oct 24 j 01:19	0°♎	
	-7952 Nov 17 j 11:48	0°♏	
	-7952 Dec 12 j 07:21	0°♐	
	-7951 Jan 06 j 19:25	0°♑	
asc. node	-7951 Jan 16 j 23:59	11°♑37'23	
	-7951 Feb 02 j 16:27	0°♒	
evening max el	-7951 Feb 24 j 23:46	22°♒38'26	44°59'19
	-7951 Mar 05 j 01:12	0°♓	
greatest brilliancy	-7951 Apr 03 j 20:43	19°♓37'25	-4.7m
retrograde	-7951 Apr 14 j 01:01	21°♓27'41	
evening set	-7951 Apr 28 j 23:11	17°♓18'36	
inferior conj	-7951 May 05 j 06:56	13°♓39'56	1°01'33
minimum elong	-7951 May 05 j 09:12	13°♓36'30	1°00'40
min. Earth dist.	-7951 May 06 j 05:53	13°♓05'08	0.28067 AU

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

desc. node	-7951 May 09 j 16:12	11°♓02'50	
morning rise	-7951 May 11 j 18:02	9°♓53'32	
direct	-7951 May 26 j 19:27	5°♓34'37	
greatest brilliancy	-7951 Jun 07 j 09:08	7°♓58'12	-4.8m
	-7951 Jul 08 j 05:26	0°♈	
morning max el	-7951 Jul 15 j 22:30	7°♈28'13	46°36'50
	-7951 Aug 06 j 02:05	0°♉	
asc. node	-7951 Aug 29 j 22:43	27°♉37'26	
	-7951 Aug 31 j 22:36	0°♊	
	-7951 Sep 25 j 16:37	0°♋	
	-7951 Oct 20 j 01:09	0°♌	
	-7951 Nov 13 j 08:42	0°♍	
	-7951 Dec 07 j 18:43	0°♎	
desc. node	-7951 Dec 20 j 09:30	15°♎26'57	
	-7950 Jan 01 j 07:08	0°♏	
morning set	-7950 Jan 21 j 04:20	24°♏18'01	
	-7950 Jan 25 j 20:13	0°♐	
	-7950 Feb 19 j 08:18	0°♑	
max. Earth dist.	-7950 Feb 24 j 23:43	6°♑55'15	1.73772 AU
superior conj	-7950 Feb 27 j 01:41	9°♑28'34	-1°16'53
minimum elong	-7950 Feb 27 j 06:55	9°♑44'36	1°17'21
	-7950 Mar 15 j 18:39	0°♒	
evening rise	-7950 Apr 03 j 15:14	23°♒12'36	
	-7950 Apr 09 j 03:31	0°♓	
asc. node	-7950 Apr 11 j 10:08	2°♓48'15	
	-7950 May 03 j 11:34	0°♈	
	-7950 May 27 j 19:40	0°♉	
	-7950 Jun 21 j 05:16	0°♊	
	-7950 Jul 15 j 18:51	0°♋	
desc. node	-7950 Aug 01 j 21:49	20°♋41'02	
	-7950 Aug 09 j 16:47	0°♌	
	-7950 Sep 04 j 07:35	0°♍	
	-7950 Oct 01 j 14:34	0°♎	
evening max el	-7950 Oct 03 j 23:44	2°♎27'05	47°12'07
	-7950 Nov 05 j 02:47	0°♏	
greatest brilliancy	-7950 Nov 13 j 01:01	4°♏02'25	-4.8m
asc. node	-7950 Nov 22 j 05:04	6°♏16'09	
retrograde	-7950 Nov 23 j 22:59	6°♏19'55	
evening set	-7950 Dec 09 j 09:10	1°♏30'31	
	-7950 Dec 11 j 21:13	30°℞♎	
min. Earth dist.	-7950 Dec 14 j 06:01	28°♎29'47	0.28488 AU
inferior conj	-7950 Dec 15 j 02:52	27°♎56'14	5°03'04
minimum elong	-7950 Dec 14 j 18:23	28°♎09'52	5°00'55
morning rise	-7950 Dec 20 j 04:17	24°♎46'39	
direct	-7949 Jan 05 j 04:48	19°♎42'09	
greatest brilliancy	-7949 Jan 14 j 01:31	21°♎09'05	-4.7m
	-7949 Jan 30 j 19:59	0°♏	
morning max el	-7949 Feb 22 j 21:45	19°♏24'11	45°54'32
	-7949 Mar 05 j 16:56	0°♐	
desc. node	-7949 Mar 14 j 20:52	9°♐27'20	
	-7949 Apr 02 j 20:01	0°♑	
	-7949 Apr 29 j 03:00	0°♒	
	-7949 May 24 j 09:24	0°♓	
	-7949 Jun 17 j 23:18	0°♈	
asc. node	-7949 Jul 04 j 23:42	21°♈07'49	
	-7949 Jul 12 j 01:49	0°♉	
greatest brilliancy	-7949 Jul 24 j 13:08	15°♉40'32	-3.9m
	-7949 Aug 04 j 21:27	0°♊	
morning set	-7949 Aug 20 j 01:45	19°♊12'14	
	-7949 Aug 28 j 14:28	0°♋	
	-7949 Sep 21 j 08:33	0°♌	
superior conj	-7949 Sep 30 j 14:10	11°♌37'05	0°52'36
minimum elong	-7949 Oct 01 j 01:48	12°♌13'39	0°52'36
max. Earth dist.	-7949 Oct 06 j 18:03	19°♌21'11	1.71246 AU
	-7949 Oct 15 j 06:07	0°♍	
desc. node	-7949 Oct 25 j 08:54	12°♍37'53	
	-7949 Nov 08 j 07:56	0°♎	
evening rise	-7949 Nov 12 j 14:16	5°♎17'25	
	-7949 Dec 02 j 13:47	0°♏	
	-7949 Dec 26 j 23:38	0°♐	
	-7948 Jan 20 j 14:55	0°♑	
asc. node	-7948 Feb 14 j 11:29	29°♑49'47	
	-7948 Feb 14 j 14:55	0°♒	
	-7948 Mar 11 j 04:59	0°♓	
	-7948 Apr 06 j 18:22	0°♈	
	-7948 May 05 j 08:06	0°♉	
evening max el	-7948 May 08 j 12:48	3°♉06'48	46°07'27
desc. node	-7948 Jun 06 j 02:39	26°♉39'11	
	-7948 Jun 12 j 02:43	0°♊	
greatest brilliancy	-7948 Jun 17 j 16:01	2°♊18'02	-4.8m
retrograde	-7948 Jun 27 j 05:58	3°♊58'35	
	-7948 Jul 11 j 14:25	30°℞♉	
evening set	-7948 Jul 13 j 23:00	28°♉43'05	
inferior conj	-7948 Jul 18 j 00:05	26°♉20'38	-8°11'22
minimum elong	-7948 Jul 17 j 16:10	26°♉32'27	8°09'59
min. Earth dist.	-7948 Jul 17 j 20:48	26°♉25'32	0.26759 AU
morning rise	-7948 Jul 21 j 09:16	24°♉20'53	
direct	-7948 Aug 07 j 13:32	18°♉44'59	
greatest brilliancy	-7948 Aug 18 j 03:22	20°♉51'59	-4.9m
	-7948 Sep 02 j 18:48	0°♊	
asc. node	-7948 Sep 26 j 10:07	21°♊22'37	
morning max el	-7948 Sep 27 j 08:12	22°♊18'57	46°45'17
	-7948 Oct 04 j 16:21	0°♋	
	-7948 Oct 31 j 11:34	0°♌	
	-7948 Nov 26 j 01:23	0°♍	
	-7948 Dec 21 j 06:30	0°♎	
	-7947 Jan 15 j 08:33	0°♏	
desc. node	-7947 Jan 16 j 22:36	1°♏54'02	
	-7947 Feb 09 j 07:38	0°♐	
	-7947 Mar 06 j 02:22	0°♑	
morning set	-7947 Mar 29 j 21:20	29°♑03'09	
	-7947 Mar 30 j 15:52	0°♒	
	-7947 Apr 24 j 00:15	0°♓	
max. Earth dist.	-7947 Apr 29 j 23:53	7°♓24'32	1.72822 AU
superior conj	-7947 May 04 j 06:31	12°♓42'39	-0°10'56
minimum elong	-7947 May 04 j 08:39	12°♓49'18	0°11'03
behind sun begin	-7947 May 03 j 16:36	11°♓59'30	
behind sun end	-7947 May 05 j 00:42	13°♓39'06	
asc. node	-7947 May 08 j 23:12	18°♓32'30	
	-7947 May 18 j 04:15	0°♈	
evening rise	-7947 Jun 09 j 05:41	27°♈31'49	
	-7947 Jun 11 j 05:05	0°♉	
	-7947 Jul 05 j 04:23	0°♊	
	-7947 Jul 29 j 04:15	0°♋	
	-7947 Aug 22 j 07:07	0°♌	
desc. node	-7947 Aug 29 j 09:40	8°♌47'24	
	-7947 Sep 15 j 15:26	0°♍	
	-7947 Oct 10 j 08:35	0°♎	
	-7947 Nov 04 j 17:49	0°♏	
	-7947 Dec 01 j 14:59	0°♐	
evening max el	-7947 Dec 13 j 16:01	12°♐21'54	45°35'15
asc. node	-7947 Dec 19 j 15:32	18°♐06'58	
	-7946 Jan 02 j 11:15	0°♑	
greatest brilliancy	-7946 Jan 20 j 13:23	10°♑48'17	-4.7m
retrograde	-7946 Jan 31 j 12:26	12°♑58'50	
evening set	-7946 Feb 18 j 02:42	7°♑04'48	
inferior conj	-7946 Feb 21 j 23:24	4°♑39'52	7°52'34
minimum elong	-7946 Feb 22 j 03:14	4°♑33'46	7°51'49
min. Earth dist.	-7946 Feb 22 j 11:39	4°♑20'23	0.29576 AU
morning rise	-7946 Feb 26 j 03:44	2°♑03'08	
	-7946 Mar 01 j 18:52	30°℞♐	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

direct	-7946 Mar 15 j 22:27	26°♐08'11	
greatest brilliancy	-7946 Mar 26 j 03:12	28°♐00'16	-4.7m
	-7946 Mar 30 j 22:00	0°♑	
desc. node	-7946 Apr 11 j 07:45	6°♑52'07	
morning max el	-7946 May 04 j 02:44	26°♑16'59	46°04'46
	-7946 May 07 j 22:12	0°♒	
	-7946 Jun 05 j 03:48	0°♓	
	-7946 Jul 01 j 01:48	0°♈	
	-7946 Jul 25 j 20:48	0°♉	
asc. node	-7946 Aug 01 j 12:37	8°♉12'35	
	-7946 Aug 19 j 00:56	0°♊	
	-7946 Sep 11 j 22:11	0°♋	
	-7946 Oct 05 j 18:31	0°♌	
	-7946 Oct 29 j 17:44	0°♍	
morning set	-7946 Nov 05 j 15:55	8°♍37'35	
desc. node	-7946 Nov 21 j 22:09	28°♍48'48	
	-7946 Nov 22 j 21:08	0°♎	
superior conj	-7946 Dec 17 j 02:23	29°♎54'55	-0°52'43
minimum elong	-7946 Dec 16 j 16:28	29°♎24'20	0°52'34
	-7946 Dec 17 j 04:02	0°♏	
max. Earth dist.	-7946 Dec 19 j 23:27	3°♏27'41	1.73043 AU
	-7945 Jan 10 j 13:04	0°♐	
evening rise	-7945 Jan 24 j 11:31	17°♐07'03	
	-7945 Feb 03 j 23:34	0°♑	
greatest brilliancy	-7945 Feb 12 j 14:54	10°♑34'51	-3.9m
	-7945 Feb 28 j 12:08	0°♒	
asc. node	-7945 Mar 13 j 23:36	16°♒25'04	
	-7945 Mar 25 j 04:05	0°♓	
	-7945 Apr 19 j 01:01	0°♈	
	-7945 May 14 j 05:03	0°♉	
	-7945 Jun 08 j 20:57	0°♊	
desc. node	-7945 Jul 04 j 13:02	28°♊52'24	
	-7945 Jul 05 j 13:55	0°♋	
evening max el	-7945 Jul 22 j 08:35	17°♋36'01	47°38'07
	-7945 Aug 04 j 07:56	0°♌	
greatest brilliancy	-7945 Sep 01 j 19:12	19°♌12'02	-4.9m
retrograde	-7945 Sep 11 j 05:27	20°♌54'04	
evening set	-7945 Sep 27 j 02:12	15°♌53'21	
inferior conj	-7945 Oct 01 j 21:15	12°♌58'01	-5°24'14
minimum elong	-7945 Oct 02 j 07:03	12°♌42'45	5°21'19
min. Earth dist.	-7945 Oct 01 j 12:40	13°♌11'26	0.26707 AU
morning rise	-7945 Oct 07 j 12:20	9°♌36'04	
direct	-7945 Oct 22 j 03:06	5°♌18'05	
asc. node	-7945 Oct 24 j 20:42	5°♌27'06	
greatest brilliancy	-7945 Oct 31 j 19:39	7°♌05'59	-4.9m
	-7945 Dec 03 j 05:44	0°♍	
morning max el	-7945 Dec 10 j 21:14	7°♍20'50	46°17'47
	-7944 Jan 01 j 16:17	0°♎	
	-7944 Jan 28 j 16:44	0°♏	
desc. node	-7944 Feb 14 j 11:13	19°♏12'24	
	-7944 Feb 23 j 18:32	0°♐	
	-7944 Mar 20 j 05:51	0°♑	
	-7944 Apr 14 j 05:23	0°♒	
	-7944 May 08 j 18:51	0°♓	
	-7944 Jun 01 j 23:58	0°♈	
morning set	-7944 Jun 04 j 20:43	3°♈34'24	
asc. node	-7944 Jun 05 j 12:33	4°♈23'49	
	-7944 Jun 25 j 22:49	0°♉	
max. Earth dist.	-7944 Jul 10 j 02:32	17°♉49'53	1.71086 AU
superior conj	-7944 Jul 12 j 11:00	20°♉47'59	1°11'51
minimum elong	-7944 Jul 12 j 02:24	20°♉20'52	1°12'01
	-7944 Jul 19 j 17:56	0°♊	
	-7944 Aug 12 j 12:14	0°♋	
evening rise	-7944 Aug 21 j 07:35	11°♋05'55	
	-7944 Sep 05 j 08:24	0°♌	
desc. node	-7944 Sep 25 j 21:59	25°♌43'38	
	-7944 Sep 29 j 08:17	0°♍	
	-7944 Oct 23 j 12:56	0°♎	
	-7944 Nov 16 j 23:41	0°♏	
	-7944 Dec 11 j 19:49	0°♐	
	-7943 Jan 06 j 09:10	0°♑	
asc. node	-7943 Jan 16 j 02:18	11°♑02'53	
	-7943 Feb 02 j 09:20	0°♒	
evening max el	-7943 Feb 22 j 14:01	20°♒24'22	44°58'37
	-7943 Mar 05 j 05:28	0°♓	
greatest brilliancy	-7943 Apr 01 j 10:13	17°♓23'14	-4.7m
retrograde	-7943 Apr 11 j 15:36	19°♓14'37	
evening set	-7943 Apr 26 j 15:05	15°♓02'47	
inferior conj	-7943 May 02 j 21:37	11°♓25'38	1°21'56
minimum elong	-7943 May 03 j 00:37	11°♓21'06	1°20'51
min. Earth dist.	-7943 May 03 j 21:25	10°♓49'34	0.28137 AU
desc. node	-7943 May 08 j 18:22	7°♓58'41	
morning rise	-7943 May 09 j 08:59	7°♓38'52	
direct	-7943 May 24 j 10:44	3°♓18'44	
greatest brilliancy	-7943 Jun 05 j 01:19	5°♓43'22	-4.8m
	-7943 Jul 08 j 07:00	0°♈	
morning max el	-7943 Jul 13 j 13:45	5°♈09'49	46°36'00
	-7943 Aug 05 j 19:09	0°♉	
asc. node	-7943 Aug 29 j 00:58	27°♉00'54	
	-7943 Aug 31 j 12:57	0°♊	
	-7943 Sep 25 j 05:42	0°♋	
	-7943 Oct 19 j 13:32	0°♌	
	-7943 Nov 12 j 20:36	0°♍	
	-7943 Dec 07 j 06:14	0°♎	
desc. node	-7943 Dec 19 j 11:38	14°♎58'41	
	-7943 Dec 31 j 18:21	0°♏	
morning set	-7942 Jan 18 j 20:18	22°♏06'18	
	-7942 Jan 25 j 07:13	0°♐	
	-7942 Feb 18 j 19:10	0°♑	
max. Earth dist.	-7942 Feb 22 j 22:08	5°♑03'28	1.73780 AU
superior conj	-7942 Feb 24 j 20:44	7°♑26'26	-1°17'51
minimum elong	-7942 Feb 25 j 01:31	7°♑41'05	1°18'19
	-7942 Mar 15 j 05:32	0°♒	
evening rise	-7942 Apr 01 j 11:07	21°♒12'19	
	-7942 Apr 08 j 14:33	0°♓	
asc. node	-7942 Apr 10 j 12:12	2°♓20'34	
	-7942 May 02 j 22:51	0°♈	
	-7942 May 27 j 07:22	0°♉	
	-7942 Jun 20 j 17:30	0°♊	
	-7942 Jul 15 j 07:49	0°♋	
desc. node	-7942 Aug 01 j 00:07	20°♋07'03	
	-7942 Aug 09 j 06:51	0°♌	
	-7942 Sep 03 j 23:42	0°♍	
	-7942 Oct 01 j 11:57	0°♎	
evening max el	-7942 Oct 01 j 15:54	0°♎10'04	47°15'09
	-7942 Nov 06 j 19:46	0°♏	
greatest brilliancy	-7942 Nov 10 j 17:57	1°♏47'32	-4.9m
asc. node	-7942 Nov 21 j 07:20	4°♏05'17	
retrograde	-7942 Nov 21 j 16:14	4°♏05'27	
	-7942 Dec 05 j 18:20	30°℞♎	
evening set	-7942 Dec 06 j 23:46	29°♎18'37	
min. Earth dist.	-7942 Dec 11 j 21:44	26°♎16'32	0.28416 AU
inferior conj	-7942 Dec 12 j 19:12	25°♎42'03	4°47'33
minimum elong	-7942 Dec 12 j 10:56	25°♎55'21	4°45'24
morning rise	-7942 Dec 17 j 22:49	22°♎29'42	
direct	-7941 Jan 02 j 20:22	17°♎29'03	
greatest brilliancy	-7941 Jan 11 j 16:38	18°♎56'09	-4.8m
	-7941 Jan 31 j 12:23	0°♏	
morning max el	-7941 Feb 20 j 14:33	17°♏16'16	45°54'53
	-7941 Mar 05 j 11:59	0°♐	
desc. node	-7941 Mar 13 j 22:55	8°♐47'30	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-7941 Apr 02 j 10:44	0°♉	
	-7941 Apr 28 j 15:58	0°♒	
	-7941 May 23 j 21:31	0°♓	
	-7941 Jun 17 j 11:00	0°♈	
asc. node	-7941 Jul 04 j 01:55	20°♈38'40	
	-7941 Jul 11 j 13:20	0°♉	
greatest brilliancy	-7941 Jul 24 j 20:10	16°♉42'14	-3.9m
	-7941 Aug 04 j 08:53	0°♊	
morning set	-7941 Aug 17 j 12:46	16°♊39'08	
	-7941 Aug 28 j 01:52	0°♋	
	-7941 Sep 20 j 19:55	0°♌	
superior conj	-7941 Sep 27 j 22:25	8°♌56'26	0°55'39
minimum elong	-7941 Sep 28 j 10:15	9°♌33'37	0°55'41
max. Earth dist.	-7941 Oct 04 j 01:55	16°♌39'41	1.71193 AU
	-7941 Oct 14 j 17:27	0°♍	
desc. node	-7941 Oct 24 j 10:56	12°♍08'49	
	-7941 Nov 07 j 19:17	0°♎	
evening rise	-7941 Nov 10 j 00:17	2°♎44'26	
	-7941 Dec 02 j 01:10	0°♏	
	-7941 Dec 26 j 11:09	0°♐	
	-7940 Jan 20 j 02:42	0°♑	
asc. node	-7940 Feb 13 j 13:44	29°♑19'40	
	-7940 Feb 14 j 03:20	0°♒	
	-7940 Mar 10 j 18:41	0°♓	
	-7940 Apr 06 j 10:42	0°♈	
	-7940 May 05 j 07:27	0°♉	
evening max el	-7940 May 06 j 03:06	0°♉47'26	46°03'47
desc. node	-7940 Jun 05 j 04:51	25°♉10'03	
greatest brilliancy	-7940 Jun 15 j 02:27	29°♉48'56	-4.8m
	-7940 Jun 15 j 16:00	0°♊	
retrograde	-7940 Jun 24 j 17:49	1°♊30'03	
	-7940 Jul 03 j 10:54	30°℞♉	
evening set	-7940 Jul 11 j 06:41	26°♉21'06	
inferior conj	-7940 Jul 15 j 12:04	23°♉52'23	-8°00'59
minimum elong	-7940 Jul 15 j 03:32	24°♉05'08	7°59'26
min. Earth dist.	-7940 Jul 15 j 08:55	23°♉57'05	0.26783 AU
morning rise	-7940 Jul 19 j 00:19	21°♉48'08	
direct	-7940 Aug 05 j 02:48	16°♉16'30	
greatest brilliancy	-7940 Aug 15 j 16:22	18°♉23'08	-4.9m
	-7940 Sep 03 j 12:30	0°♊	
morning max el	-7940 Sep 24 j 21:02	19°♊49'28	46°45'41
asc. node	-7940 Sep 25 j 12:11	20°♊28'23	
	-7940 Oct 04 j 12:49	0°♋	
	-7940 Oct 31 j 03:27	0°♌	
	-7940 Nov 25 j 15:18	0°♍	
	-7940 Dec 20 j 19:18	0°♎	
	-7939 Jan 14 j 20:38	0°♏	
desc. node	-7939 Jan 16 j 00:46	1°♏24'23	
	-7939 Feb 08 j 19:13	0°♐	
	-7939 Mar 05 j 13:37	0°♑	
morning set	-7939 Mar 27 j 16:56	27°♑02'09	
	-7939 Mar 30 j 02:56	0°♒	
	-7939 Apr 23 j 11:15	0°♓	
max. Earth dist.	-7939 Apr 27 j 18:12	5°♓18'32	1.72876 AU
superior conj	-7939 May 02 j 01:42	10°♓39'10	-0°13'54
minimum elong	-7939 May 02 j 04:24	10°♓47'30	0°14'00
behind sun begin	-7939 May 01 j 17:55	10°♓15'01	
behind sun end	-7939 May 02 j 14:52	11°♓19'59	
asc. node	-7939 May 08 j 01:24	18°♓05'02	
	-7939 May 17 j 15:20	0°♈	
evening rise	-7939 Jun 06 j 23:19	25°♈21'49	
	-7939 Jun 10 j 16:20	0°♉	
	-7939 Jul 04 j 15:53	0°♊	
	-7939 Jul 28 j 16:04	0°♋	
	-7939 Aug 21 j 19:18	0°♌	
desc. node	-7939 Aug 28 j 11:42	8°♌15'43	
	-7939 Sep 15 j 04:06	0°♍	
	-7939 Oct 09 j 22:01	0°♎	
	-7939 Nov 04 j 08:41	0°♏	
	-7939 Dec 01 j 09:34	0°♐	
evening max el	-7939 Dec 11 j 07:23	10°♐07'34	45°38'07
asc. node	-7939 Dec 18 j 17:50	17°♐14'48	
	-7938 Jan 03 j 00:46	0°♑	
greatest brilliancy	-7938 Jan 18 j 06:57	8°♑42'04	-4.7m
retrograde	-7938 Jan 29 j 05:15	10°♑52'30	
evening set	-7938 Feb 15 j 20:54	4°♑56'58	
inferior conj	-7938 Feb 19 j 16:49	2°♑32'57	7°56'30
minimum elong	-7938 Feb 19 j 20:01	2°♑27'50	7°55'48
min. Earth dist.	-7938 Feb 20 j 03:59	2°♑15'08	0.29582 AU
morning rise	-7938 Feb 23 j 19:07	29°♐58'54	
	-7938 Feb 23 j 18:23	30°℞♐	
direct	-7938 Mar 13 j 15:26	24°♐01'14	
greatest brilliancy	-7938 Mar 23 j 18:45	25°♐51'42	-4.7m
	-7938 Apr 01 j 15:43	0°♑	
desc. node	-7938 Apr 10 j 09:52	5°♑44'18	
morning max el	-7938 May 01 j 18:00	24°♑04'26	46°03'57
	-7938 May 07 j 18:52	0°♒	
	-7938 Jun 04 j 19:12	0°♓	
	-7938 Jun 30 j 15:17	0°♈	
	-7938 Jul 25 j 09:22	0°♉	
asc. node	-7938 Jul 31 j 14:50	7°♉41'04	
	-7938 Aug 18 j 13:02	0°♊	
	-7938 Sep 11 j 10:01	0°♋	
	-7938 Oct 05 j 06:12	0°♌	
	-7938 Oct 29 j 05:17	0°♍	
morning set	-7938 Nov 03 j 02:01	6°♍03'49	
desc. node	-7938 Nov 21 j 00:21	28°♍20'14	
	-7938 Nov 22 j 08:33	0°♎	
superior conj	-7938 Dec 14 j 15:19	27°♎32'05	-0°49'59
minimum elong	-7938 Dec 14 j 05:31	27°♎01'52	0°49'48
	-7938 Dec 16 j 15:19	0°♏	
max. Earth dist.	-7938 Dec 17 j 17:57	1°♏22'05	1.72986 AU
	-7937 Jan 10 j 00:15	0°♐	
evening rise	-7937 Jan 22 j 04:17	14°♐56'48	
	-7937 Feb 03 j 10:47	0°♑	
greatest brilliancy	-7937 Feb 12 j 13:31	11°♑09'36	-3.9m
	-7937 Feb 27 j 23:32	0°♒	
asc. node	-7937 Mar 13 j 01:39	15°♒56'08	
	-7937 Mar 24 j 15:54	0°♓	
	-7937 Apr 18 j 13:29	0°♈	
	-7937 May 13 j 18:33	0°♉	
	-7937 Jun 08 j 12:16	0°♊	
desc. node	-7937 Jul 03 j 15:19	28°♊07'32	
	-7937 Jul 05 j 09:00	0°♋	
evening max el	-7937 Jul 19 j 21:14	15°♋07'51	47°36'17
	-7937 Aug 04 j 15:59	0°♌	
greatest brilliancy	-7937 Aug 30 j 10:04	16°♌44'33	-4.9m
retrograde	-7937 Sep 08 j 17:54	18°♌24'49	
evening set	-7937 Sep 24 j 18:19	13°♌20'15	
inferior conj	-7937 Sep 29 j 10:19	10°♌29'52	-5°43'00
minimum elong	-7937 Sep 29 j 20:22	10°♌14'12	5°40'04
min. Earth dist.	-7937 Sep 29 j 02:46	10°♌41'36	0.26686 AU
morning rise	-7937 Oct 04 j 22:44	7°♌11'37	
direct	-7937 Oct 19 j 15:21	2°♌50'20	
asc. node	-7937 Oct 23 j 23:00	3°♌12'38	
greatest brilliancy	-7937 Oct 29 j 10:12	4°♌40'05	-4.9m
	-7937 Dec 03 j 08:21	0°♍	
morning max el	-7937 Dec 08 j 10:32	4°♍56'53	46°18'58
	-7936 Jan 01 j 09:50	0°♎	
	-7936 Jan 28 j 07:10	0°♏	
desc. node	-7936 Feb 13 j 13:18	18°♏39'43	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-7936 Feb 23 j 07:26	0°♐	
	-7936 Mar 19 j 17:54	0°♑	
	-7936 Apr 13 j 16:57	0°♒	
	-7936 May 08 j 06:09	0°♓	
	-7936 Jun 01 j 11:10	0°♈	
morning set	-7936 Jun 02 j 13:51	1°♈23'11	
asc. node	-7936 Jun 04 j 14:46	3°♈55'48	
	-7936 Jun 25 j 10:00	0°♉	
max. Earth dist.	-7936 Jul 07 j 14:30	15°♉20'52	1.71132 AU
superior conj	-7936 Jul 10 j 01:25	18°♉26'38	1°10'01
minimum elong	-7936 Jul 09 j 16:32	17°♉58'37	1°10'09
	-7936 Jul 19 j 05:11	0°♊	
	-7936 Aug 11 j 23:35	0°♋	
evening rise	-7936 Aug 18 j 17:34	8°♋30'21	
	-7936 Sep 04 j 19:53	0°♌	
desc. node	-7936 Sep 25 j 00:05	25°♌14'02	
	-7936 Sep 28 j 19:54	0°♍	
	-7936 Oct 23 j 00:46	0°♎	
	-7936 Nov 16 j 11:50	0°♏	
	-7936 Dec 11 j 08:37	0°♐	
	-7935 Jan 05 j 23:20	0°♑	
asc. node	-7935 Jan 15 j 04:31	10°♑27'05	
	-7935 Feb 02 j 02:50	0°♒	
evening max el	-7935 Feb 20 j 05:02	18°♒11'40	44°58'16
	-7935 Mar 05 j 11:56	0°♓	
greatest brilliancy	-7935 Mar 29 j 23:38	15°♓09'04	-4.7m
retrograde	-7935 Apr 09 j 06:46	17°♓01'44	
evening set	-7935 Apr 24 j 07:21	12°♓47'11	
inferior conj	-7935 Apr 30 j 12:28	9°♓11'31	1°42'00
minimum elong	-7935 Apr 30 j 16:10	9°♓05'55	1°40'42
min. Earth dist.	-7935 May 01 j 12:41	8°♓34'50	0.28204 AU
morning rise	-7935 May 06 j 23:55	5°♓24'42	
desc. node	-7935 May 07 j 20:40	4°♓57'25	
direct	-7935 May 22 j 02:38	1°♓03'15	
greatest brilliancy	-7935 Jun 02 j 16:59	3°♓28'07	-4.8m
	-7935 Jul 08 j 07:23	0°♈	
morning max el	-7935 Jul 11 j 05:44	2°♈53'26	46°35'05
	-7935 Aug 05 j 11:56	0°♉	
asc. node	-7935 Aug 28 j 03:00	26°♉23'55	
	-7935 Aug 31 j 03:11	0°♊	
	-7935 Sep 24 j 18:45	0°♋	
	-7935 Oct 19 j 01:54	0°♌	
	-7935 Nov 12 j 08:31	0°♍	
	-7935 Dec 06 j 17:48	0°♎	
desc. node	-7935 Dec 18 j 13:47	14°♎30'10	
	-7935 Dec 31 j 05:40	0°♏	
morning set	-7934 Jan 16 j 11:50	19°♏52'48	
	-7934 Jan 24 j 18:21	0°♐	
	-7934 Feb 18 j 06:11	0°♑	
max. Earth dist.	-7934 Feb 20 j 20:49	3°♑12'06	1.73783 AU
superior conj	-7934 Feb 22 j 15:19	5°♑22'31	-1°18'43
minimum elong	-7934 Feb 22 j 19:36	5°♑35'37	1°19'11
	-7934 Mar 14 j 16:30	0°♒	
evening rise	-7934 Mar 30 j 06:40	19°♒10'52	
	-7934 Apr 08 j 01:37	0°♓	
asc. node	-7934 Apr 09 j 14:24	1°♓53'13	
	-7934 May 02 j 10:11	0°♈	
	-7934 May 26 j 19:06	0°♉	
	-7934 Jun 20 j 05:47	0°♊	
	-7934 Jul 14 j 20:52	0°♋	
desc. node	-7934 Jul 31 j 02:11	19°♋32'10	
	-7934 Aug 08 j 21:02	0°♌	
	-7934 Sep 03 j 16:02	0°♍	
evening max el	-7934 Sep 29 j 08:40	27°♍54'43	47°18'02
	-7934 Oct 01 j 10:02	0°♎	
greatest brilliancy	-7934 Nov 08 j 10:42	29°♎32'30	-4.9m
	-7934 Nov 09 j 15:35	0°♏	
retrograde	-7934 Nov 19 j 09:29	1°♏50'36	
asc. node	-7934 Nov 20 j 09:35	1°♏49'20	
	-7934 Nov 28 j 17:11	30°℞♎	
evening set	-7934 Dec 04 j 14:26	27°♎06'27	
min. Earth dist.	-7934 Dec 09 j 13:14	24°♎03'11	0.28344 AU
inferior conj	-7934 Dec 10 j 11:25	23°♎27'36	4°31'26
minimum elong	-7934 Dec 10 j 03:24	23°♎40'27	4°29'19
morning rise	-7934 Dec 15 j 17:13	20°♎12'28	
direct	-7934 Dec 31 j 12:11	15°♎15'53	
greatest brilliancy	-7933 Jan 09 j 07:22	16°♎42'36	-4.8m
	-7933 Feb 01 j 00:41	0°♏	
morning max el	-7933 Feb 18 j 07:06	15°♏07'44	45°55'04
	-7933 Mar 05 j 06:33	0°♐	
desc. node	-7933 Mar 13 j 01:03	8°♐08'11	
	-7933 Apr 02 j 01:18	0°♑	
	-7933 Apr 28 j 04:50	0°♒	
	-7933 May 23 j 09:31	0°♓	
	-7933 Jun 16 j 22:33	0°♈	
asc. node	-7933 Jul 03 j 04:02	20°♈09'39	
	-7933 Jul 11 j 00:41	0°♉	
greatest brilliancy	-7933 Jul 24 j 19:20	17°♉19'40	-3.9m
	-7933 Aug 03 j 20:09	0°♊	
morning set	-7933 Aug 14 j 23:55	14°♊06'56	
	-7933 Aug 27 j 13:07	0°♋	
	-7933 Sep 20 j 07:09	0°♌	
superior conj	-7933 Sep 25 j 06:54	6°♌16'50	0°58'35
minimum elong	-7933 Sep 25 j 18:47	6°♌54'13	0°58'38
max. Earth dist.	-7933 Oct 01 j 10:58	14°♌02'07	1.71139 AU
	-7933 Oct 14 j 04:40	0°♍	
desc. node	-7933 Oct 23 j 13:09	11°♍40'47	
evening rise	-7933 Nov 07 j 10:12	0°♎11'32	
	-7933 Nov 07 j 06:29	0°♎	
	-7933 Dec 01 j 12:23	0°♏	
	-7933 Dec 25 j 22:29	0°♐	
	-7932 Jan 19 j 14:22	0°♑	
asc. node	-7932 Feb 12 j 15:47	28°♑49'12	
	-7932 Feb 13 j 15:41	0°♒	
	-7932 Mar 10 j 08:23	0°♓	
	-7932 Apr 06 j 03:14	0°♈	
evening max el	-7932 May 03 j 16:45	28°♈26'57	46°00'16
	-7932 May 05 j 07:42	0°♉	
desc. node	-7932 Jun 04 j 07:05	23°♉38'18	
greatest brilliancy	-7932 Jun 12 j 13:37	27°♉21'34	-4.8m
retrograde	-7932 Jun 22 j 05:16	29°♉02'35	
evening set	-7932 Jul 08 j 14:29	24°♉00'15	
inferior conj	-7932 Jul 13 j 00:09	21°♉25'22	-7°49'44
minimum elong	-7932 Jul 12 j 15:06	21°♉38'55	7°48'00
min. Earth dist.	-7932 Jul 12 j 21:30	21°♉29'20	0.26805 AU
morning rise	-7932 Jul 16 j 15:37	19°♉16'19	
direct	-7932 Aug 02 j 15:36	13°♉49'10	
greatest brilliancy	-7932 Aug 13 j 05:54	15°♉55'55	-4.9m
	-7932 Sep 04 j 01:24	0°♊	
morning max el	-7932 Sep 22 j 08:52	17°♊18'10	46°45'58
asc. node	-7932 Sep 24 j 14:31	19°♊36'33	
	-7932 Oct 04 j 08:23	0°♋	
	-7932 Oct 30 j 18:52	0°♌	
	-7932 Nov 25 j 04:51	0°♍	
	-7932 Dec 20 j 07:48	0°♎	
	-7931 Jan 14 j 08:25	0°♏	
desc. node	-7931 Jan 15 j 02:49	0°♏55'16	
	-7931 Feb 08 j 06:31	0°♐	
	-7931 Mar 05 j 00:37	0°♑	
morning set	-7931 Mar 25 j 12:17	25°♑01'09	
	-7931 Mar 29 j 13:46	0°♒	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-7931 Apr 22 j 22:05	0°♓	
max. Earth dist.	-7931 Apr 25 j 12:16	3°♓12'24	1.72933 AU
superior conj	-7931 Apr 29 j 20:44	8°♓35'50	-0°16'51
minimum elong	-7931 Apr 29 j 23:57	8°♓45'50	0°16'58
asc. node	-7931 May 07 j 03:36	17°♓38'09	
	-7931 May 17 j 02:14	0°♈	
evening rise	-7931 Jun 04 j 16:49	23°♈12'10	
	-7931 Jun 10 j 03:24	0°♉	
	-7931 Jul 04 j 03:09	0°♊	
	-7931 Jul 28 j 03:37	0°♋	
	-7931 Aug 21 j 07:13	0°♌	
desc. node	-7931 Aug 27 j 13:50	7°♌45'11	
	-7931 Sep 14 j 16:32	0°♍	
	-7931 Oct 09 j 11:14	0°♎	
	-7931 Nov 03 j 23:26	0°♏	
	-7931 Dec 01 j 04:18	0°♐	
evening max el	-7931 Dec 08 j 22:00	7°♐52'06	45°41'07
asc. node	-7931 Dec 17 j 20:04	16°♐22'22	
	-7930 Jan 03 j 18:21	0°♑	
greatest brilliancy	-7930 Jan 16 j 00:19	6°♑36'29	-4.7m
retrograde	-7930 Jan 26 j 22:17	8°♑47'21	
evening set	-7930 Feb 13 j 14:52	2°♑50'25	
inferior conj	-7930 Feb 17 j 10:15	0°♑27'07	7°59'42
minimum elong	-7930 Feb 17 j 12:50	0°♑22'59	7°59'04
min. Earth dist.	-7930 Feb 17 j 20:25	0°♑10'53	0.29589 AU
	-7930 Feb 18 j 03:15	30°℞♐	
morning rise	-7930 Feb 21 j 10:45	27°♐55'32	
direct	-7930 Mar 11 j 08:03	21°♐55'15	
greatest brilliancy	-7930 Mar 21 j 10:41	23°♐44'45	-4.7m
	-7930 Apr 02 j 19:59	0°♑	
desc. node	-7930 Apr 09 j 12:12	4°♑39'36	
morning max el	-7930 Apr 29 j 09:23	21°♑53'05	46°03'04
	-7930 May 07 j 14:35	0°♒	
	-7930 Jun 04 j 10:10	0°♓	
	-7930 Jun 30 j 04:26	0°♈	
	-7930 Jul 24 j 21:38	0°♉	
asc. node	-7930 Jul 30 j 16:54	7°♉09'56	
	-7930 Aug 18 j 00:49	0°♊	
	-7930 Sep 10 j 21:31	0°♋	
	-7930 Oct 04 j 17:32	0°♌	
	-7930 Oct 28 j 16:29	0°♍	
morning set	-7930 Oct 31 j 11:58	3°♍30'26	
desc. node	-7930 Nov 20 j 02:25	27°♍52'17	
	-7930 Nov 21 j 19:38	0°♎	
superior conj	-7930 Dec 12 j 04:05	25°♎09'36	-0°47'08
minimum elong	-7930 Dec 11 j 18:29	24°♎39'59	0°46'56
max. Earth dist.	-7930 Dec 15 j 10:03	29°♎09'59	1.72930 AU
	-7930 Dec 16 j 02:16	0°♏	
	-7929 Jan 09 j 11:08	0°♐	
evening rise	-7929 Jan 19 j 20:56	12°♐47'09	
	-7929 Feb 02 j 21:42	0°♑	
greatest brilliancy	-7929 Feb 13 j 00:13	12°♑22'15	-3.9m
	-7929 Feb 27 j 10:38	0°♒	
asc. node	-7929 Mar 12 j 03:56	15°♒28'53	
	-7929 Mar 24 j 03:24	0°♓	
	-7929 Apr 18 j 01:41	0°♈	
	-7929 May 13 j 07:53	0°♉	
	-7929 Jun 08 j 03:34	0°♊	
desc. node	-7929 Jul 02 j 17:25	27°♊22'02	
	-7929 Jul 05 j 04:25	0°♋	
evening max el	-7929 Jul 17 j 09:49	12°♋40'08	47°34'26
	-7929 Aug 05 j 02:33	0°♌	
greatest brilliancy	-7929 Aug 28 j 00:16	14°♌16'38	-4.9m
retrograde	-7929 Sep 06 j 06:33	15°♌55'57	
evening set	-7929 Sep 22 j 10:17	10°♌47'05	
inferior conj	-7929 Sep 26 j 23:09	8°♌01'51	-6°01'09
minimum elong	-7929 Sep 27 j 09:25	7°♌45'55	5°58'15
min. Earth dist.	-7929 Sep 26 j 16:22	8°♌12'23	0.26665 AU
morning rise	-7929 Oct 02 j 08:46	4°♌47'56	
direct	-7929 Oct 17 j 03:33	0°♌22'42	
asc. node	-7929 Oct 23 j 01:16	1°♌04'01	
greatest brilliancy	-7929 Oct 27 j 00:11	2°♌14'13	-4.9m
	-7929 Dec 03 j 09:12	0°♍	
morning max el	-7929 Dec 06 j 00:28	2°♍35'18	46°20'09
	-7928 Jan 01 j 02:39	0°♎	
	-7928 Jan 27 j 21:07	0°♏	
desc. node	-7928 Feb 12 j 15:22	18°♏08'06	
	-7928 Feb 22 j 19:56	0°♐	
	-7928 Mar 19 j 05:35	0°♑	
	-7928 Apr 13 j 04:10	0°♒	
	-7928 May 07 j 17:08	0°♓	
morning set	-7928 May 31 j 07:10	29°♓13'35	
	-7928 May 31 j 22:03	0°♈	
asc. node	-7928 Jun 03 j 16:52	3°♈28'21	
	-7928 Jun 24 j 20:55	0°♉	
max. Earth dist.	-7928 Jul 05 j 02:16	12°♉52'04	1.71183 AU
superior conj	-7928 Jul 07 j 15:49	16°♉06'02	1°08'04
minimum elong	-7928 Jul 07 j 06:43	15°♉37'20	1°08'09
	-7928 Jul 18 j 16:13	0°♊	
	-7928 Aug 11 j 10:46	0°♋	
evening rise	-7928 Aug 16 j 03:22	5°♋54'49	
	-7928 Sep 04 j 07:11	0°♌	
desc. node	-7928 Sep 24 j 02:19	24°♌45'30	
	-7928 Sep 28 j 07:20	0°♍	
	-7928 Oct 22 j 12:21	0°♎	
	-7928 Nov 15 j 23:46	0°♏	
	-7928 Dec 10 j 21:14	0°♐	
	-7927 Jan 05 j 13:22	0°♑	
asc. node	-7927 Jan 14 j 06:39	9°♑51'29	
	-7927 Feb 01 j 20:26	0°♒	
evening max el	-7927 Feb 17 j 20:54	16°♒01'53	44°58'03
	-7927 Mar 05 j 20:26	0°♓	
greatest brilliancy	-7927 Mar 27 j 13:25	12°♓56'33	-4.7m
retrograde	-7927 Apr 06 j 21:57	14°♓49'59	
evening set	-7927 Apr 21 j 23:54	10°♓32'55	
inferior conj	-7927 Apr 28 j 03:26	6°♓58'42	2°01'47
minimum elong	-7927 Apr 28 j 07:48	6°♓52'04	2°00'17
min. Earth dist.	-7927 Apr 29 j 03:47	6°♓21'44	0.28269 AU
morning rise	-7927 May 04 j 14:45	3°♓11'55	
desc. node	-7927 May 06 j 22:45	2°♓00'55	
	-7927 May 12 j 01:36	30°℞♒	
direct	-7927 May 19 j 18:55	28°♒49'20	
	-7927 May 27 j 18:11	0°♓	
greatest brilliancy	-7927 May 31 j 07:52	1°♓13'13	-4.8m
	-7927 Jul 08 j 06:22	0°♈	
morning max el	-7927 Jul 08 j 21:32	0°♈37'43	46°33'59
	-7927 Aug 05 j 04:11	0°♉	
asc. node	-7927 Aug 27 j 05:18	25°♉48'24	
	-7927 Aug 30 j 17:09	0°♊	
	-7927 Sep 24 j 07:37	0°♋	
	-7927 Oct 18 j 14:07	0°♌	
	-7927 Nov 11 j 20:16	0°♍	
	-7927 Dec 06 j 05:12	0°♎	
desc. node	-7927 Dec 17 j 15:49	14°♎01'53	
	-7927 Dec 30 j 16:47	0°♏	
morning set	-7926 Jan 14 j 03:04	17°♏39'02	
	-7926 Jan 24 j 05:16	0°♐	
	-7926 Feb 17 j 17:00	0°♑	
max. Earth dist.	-7926 Feb 18 j 20:00	1°♑22'49	1.73784 AU
superior conj	-7926 Feb 20 j 09:47	3°♑18'41	-1°19'28

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

minimum elong	-7926 Feb 20 j 13:31	3°♉30'11	1°19'58
	-7926 Mar 14 j 03:20	0°♒	
evening rise	-7926 Mar 28 j 02:16	17°♒10'00	
	-7926 Apr 07 j 12:33	0°♓	
asc. node	-7926 Apr 08 j 16:37	1°♓26'22	
	-7926 May 01 j 21:22	0°♈	
	-7926 May 26 j 06:41	0°♉	
	-7926 Jun 19 j 17:56	0°♊	
	-7926 Jul 14 j 09:48	0°♋	
desc. node	-7926 Jul 30 j 04:20	18°♋57'50	
	-7926 Aug 08 j 11:13	0°♌	
	-7926 Sep 03 j 08:34	0°♍	
evening max el	-7926 Sep 27 j 01:32	25°♍39'23	47°20'40
	-7926 Oct 01 j 09:03	0°♎	
greatest brilliancy	-7926 Nov 06 j 03:55	27°♎17'24	-4.9m
retrograde	-7926 Nov 17 j 02:20	29°♎34'42	
asc. node	-7926 Nov 19 j 11:45	29°♎27'29	
evening set	-7926 Dec 02 j 05:06	24°♎53'28	
min. Earth dist.	-7926 Dec 07 j 04:46	21°♎48'48	0.28266 AU
inferior conj	-7926 Dec 08 j 03:26	21°♎12'23	4°14'42
minimum elong	-7926 Dec 07 j 19:44	21°♎24'46	4°12'38
morning rise	-7926 Dec 13 j 11:20	17°♎54'24	
direct	-7926 Dec 29 j 03:55	13°♎02'11	
greatest brilliancy	-7925 Jan 06 j 21:58	14°♎28'20	-4.8m
	-7925 Feb 01 j 09:50	0°♏	
morning max el	-7925 Feb 15 j 22:37	12°♏56'44	45°55'18
	-7925 Mar 05 j 00:37	0°♐	
desc. node	-7925 Mar 12 j 03:22	7°♐29'56	
	-7925 Apr 01 j 15:37	0°♑	
	-7925 Apr 27 j 17:33	0°♒	
	-7925 May 22 j 21:25	0°♓	
	-7925 Jun 16 j 10:02	0°♈	
asc. node	-7925 Jul 02 j 06:08	19°♈40'49	
	-7925 Jul 10 j 11:58	0°♉	
greatest brilliancy	-7925 Jul 24 j 17:22	17°♉53'47	-3.9m
	-7925 Aug 03 j 07:22	0°♊	
morning set	-7925 Aug 12 j 11:33	11°♊36'31	
	-7925 Aug 27 j 00:18	0°♋	
	-7925 Sep 19 j 18:21	0°♌	
superior conj	-7925 Sep 22 j 15:41	3°♌38'14	1°01'21
minimum elong	-7925 Sep 23 j 03:30	4°♌15'24	1°01'26
max. Earth dist.	-7925 Sep 28 j 18:52	11°♌20'58	1.71091 AU
	-7925 Oct 13 j 15:54	0°♍	
desc. node	-7925 Oct 22 j 15:14	11°♍12'17	
evening rise	-7925 Nov 04 j 19:40	27°♍36'59	
	-7925 Nov 06 j 17:44	0°♎	
	-7925 Nov 30 j 23:41	0°♏	
	-7925 Dec 25 j 09:53	0°♐	
	-7924 Jan 19 j 02:06	0°♑	
asc. node	-7924 Feb 11 j 18:06	28°♑19'16	
	-7924 Feb 13 j 04:09	0°♒	
	-7924 Mar 09 j 22:17	0°♓	
	-7924 Apr 05 j 20:08	0°♈	
evening max el	-7924 May 01 j 05:37	26°♈04'35	45°56'47
	-7924 May 05 j 09:13	0°♉	
desc. node	-7924 Jun 03 j 09:15	22°♉03'03	
greatest brilliancy	-7924 Jun 10 j 01:27	24°♉55'05	-4.8m
retrograde	-7924 Jun 19 j 16:35	26°♉35'44	
evening set	-7924 Jul 05 j 22:25	21°♉39'44	
inferior conj	-7924 Jul 10 j 12:23	18°♉58'57	-7°37'30
minimum elong	-7924 Jul 10 j 02:52	19°♉13'12	7°35'38
min. Earth dist.	-7924 Jul 10 j 10:37	19°♉01'36	0.26827 AU
morning rise	-7924 Jul 14 j 07:10	16°♉45'00	
direct	-7924 Jul 31 j 03:58	11°♉22'09	
greatest brilliancy	-7924 Aug 10 j 20:07	13°♉29'51	-4.9m
	-7924 Sep 04 j 10:56	0°♊	

morning max el	-7924 Sep 19 j 20:17	14°♊45'45	46°46'23
asc. node	-7924 Sep 23 j 16:45	18°♊45'29	
	-7924 Oct 04 j 03:24	0°♋	
	-7924 Oct 30 j 10:06	0°♌	
	-7924 Nov 24 j 18:24	0°♍	
	-7924 Dec 19 j 20:22	0°♎	
	-7923 Jan 13 j 20:21	0°♏	
desc. node	-7923 Jan 14 j 04:58	0°♏25'54	
	-7923 Feb 07 j 17:58	0°♐	
	-7923 Mar 04 j 11:44	0°♑	
morning set	-7923 Mar 23 j 07:27	22°♑59'10	
	-7923 Mar 29 j 00:44	0°♒	
	-7923 Apr 22 j 09:01	0°♓	
max. Earth dist.	-7923 Apr 23 j 08:25	1°♓12'20	1.72989 AU
superior conj	-7923 Apr 27 j 15:46	6°♓32'13	-0°19'48
minimum elong	-7923 Apr 27 j 19:31	6°♓43'49	0°19'53
asc. node	-7923 May 06 j 05:39	17°♓10'26	
	-7923 May 16 j 13:17	0°♈	
evening rise	-7923 Jun 02 j 10:36	21°♈02'59	
	-7923 Jun 09 j 14:38	0°♉	
	-7923 Jul 03 j 14:37	0°♊	
	-7923 Jul 27 j 15:22	0°♋	
	-7923 Aug 20 j 19:19	0°♌	
desc. node	-7923 Aug 26 j 16:08	7°♌14'39	
	-7923 Sep 14 j 05:07	0°♍	
	-7923 Oct 09 j 00:37	0°♎	
	-7923 Nov 03 j 14:27	0°♏	
	-7923 Nov 30 j 23:42	0°♐	
evening max el	-7923 Dec 06 j 12:34	5°♐35'56	45°44'05
asc. node	-7923 Dec 16 j 22:14	15°♐28'06	
	-7922 Jan 04 j 18:52	0°♑	
greatest brilliancy	-7922 Jan 13 j 17:18	4°♑29'34	-4.7m
retrograde	-7922 Jan 24 j 15:43	6°♑41'30	
evening set	-7922 Feb 11 j 08:37	0°♑43'19	
	-7922 Feb 12 j 12:48	30°℞♐	
inferior conj	-7922 Feb 15 j 03:44	28°♐20'28	8°02'09
minimum elong	-7922 Feb 15 j 05:42	28°♐17'21	8°01'34
min. Earth dist.	-7922 Feb 15 j 12:47	28°♐06'02	0.29594 AU
morning rise	-7922 Feb 19 j 02:42	25°♐51'11	
direct	-7922 Mar 09 j 00:37	19°♐48'25	
greatest brilliancy	-7922 Mar 19 j 02:48	21°♐37'20	-4.7m
	-7922 Apr 03 j 17:00	0°♑	
desc. node	-7922 Apr 08 j 14:16	3°♑35'17	
morning max el	-7922 Apr 27 j 01:31	19°♑42'59	46°02'16
	-7922 May 07 j 10:00	0°♒	
	-7922 Jun 04 j 01:09	0°♓	
	-7922 Jun 29 j 17:43	0°♈	
	-7922 Jul 24 j 10:05	0°♉	
asc. node	-7922 Jul 29 j 19:08	6°♉38'41	
	-7922 Aug 17 j 12:48	0°♊	
	-7922 Sep 10 j 09:15	0°♋	
	-7922 Oct 04 j 05:05	0°♌	
	-7922 Oct 28 j 03:54	0°♍	
morning set	-7922 Oct 28 j 22:15	0°♍57'18	
desc. node	-7922 Nov 19 j 04:28	27°♍23'44	
	-7922 Nov 21 j 06:54	0°♎	
superior conj	-7922 Dec 09 j 16:57	22°♎46'49	-0°44'13
minimum elong	-7922 Dec 09 j 07:37	22°♎18'02	0°44'00
max. Earth dist.	-7922 Dec 13 j 01:45	26°♎56'02	1.72875 AU
	-7922 Dec 15 j 13:25	0°♏	
	-7921 Jan 08 j 22:14	0°♐	
evening rise	-7921 Jan 17 j 13:39	10°♐36'58	
	-7921 Feb 02 j 08:52	0°♑	
greatest brilliancy	-7921 Feb 14 j 15:04	14°♑59'58	-3.9m
	-7921 Feb 26 j 22:02	0°♒	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

asc. node	-7921 Mar 11 j 06:07	15°♒00'25	
	-7921 Mar 23 j 15:13	0°♓	
	-7921 Apr 17 j 14:13	0°♈	
	-7921 May 12 j 21:36	0°♉	
	-7921 Jun 07 j 19:22	0°♊	
desc. node	-7921 Jul 01 j 19:38	26°♊35'18	
	-7921 Jul 05 j 00:43	0°♋	
evening max el	-7921 Jul 14 j 23:02	10°♋13'17	47°32'25
	-7921 Aug 05 j 17:06	0°♌	
greatest brilliancy	-7921 Aug 25 j 13:47	11°♌46'54	-4.9m
retrograde	-7921 Sep 03 j 19:44	13°♌25'58	
evening set	-7921 Sep 20 j 02:14	8°♌12'33	
inferior conj	-7921 Sep 24 j 11:52	5°♌32'31	-6°18'38
minimum elong	-7921 Sep 24 j 22:16	5°♌16'27	6°15'48
min. Earth dist.	-7921 Sep 24 j 05:30	5°♌42'22	0.26645 AU
morning rise	-7921 Sep 29 j 18:29	2°♌23'25	
	-7921 Oct 04 j 15:31	30°℞♋	
direct	-7921 Oct 14 j 16:08	27°♋53'50	
asc. node	-7921 Oct 22 j 03:23	28°♋59'26	
greatest brilliancy	-7921 Oct 24 j 13:32	29°♋46'30	-4.9m
	-7921 Oct 25 j 04:02	0°♌	
	-7921 Dec 03 j 09:13	0°♍	
morning max el	-7921 Dec 03 j 15:11	0°♍14'47	46°21'30
	-7921 Dec 31 j 19:23	0°♎	
	-7920 Jan 27 j 11:09	0°♏	
desc. node	-7920 Feb 11 j 17:39	17°♏36'32	
	-7920 Feb 22 j 08:37	0°♐	
	-7920 Mar 18 j 17:31	0°♑	
	-7920 Apr 12 j 15:41	0°♒	
	-7920 May 07 j 04:24	0°♓	
morning set	-7920 May 29 j 00:39	27°♓03'46	
	-7920 May 31 j 09:14	0°♈	
asc. node	-7920 Jun 02 j 19:00	3°♈00'09	
	-7920 Jun 24 j 08:07	0°♉	
max. Earth dist.	-7920 Jul 02 j 12:56	10°♉19'07	1.71233 AU
superior conj	-7920 Jul 05 j 06:27	13°♉45'28	1°06'00
minimum elong	-7920 Jul 04 j 21:12	13°♉16'19	1°06'03
	-7920 Jul 18 j 03:31	0°♊	
	-7920 Aug 10 j 22:13	0°♋	
evening rise	-7920 Aug 13 j 13:29	3°♋19'22	
	-7920 Sep 03 j 18:47	0°♌	
desc. node	-7920 Sep 23 j 04:22	24°♌15'22	
	-7920 Sep 27 j 19:04	0°♍	
	-7920 Oct 22 j 00:18	0°♎	
	-7920 Nov 15 j 12:02	0°♏	
	-7920 Dec 10 j 10:10	0°♐	
	-7919 Jan 05 j 03:47	0°♑	
asc. node	-7919 Jan 13 j 08:59	9°♑15'31	
	-7919 Feb 01 j 14:42	0°♒	
evening max el	-7919 Feb 15 j 13:05	13°♒52'10	44°57'46
	-7919 Mar 06 j 08:19	0°♓	
greatest brilliancy	-7919 Mar 25 j 03:55	10°♓44'23	-4.7m
retrograde	-7919 Apr 04 j 12:54	12°♓37'46	
evening set	-7919 Apr 19 j 16:47	8°♓18'15	
inferior conj	-7919 Apr 25 j 18:36	4°♓45'35	2°21'11
minimum elong	-7919 Apr 25 j 23:35	4°♓37'59	2°19'31
min. Earth dist.	-7919 Apr 26 j 19:14	4°♓08'05	0.28334 AU
morning rise	-7919 May 02 j 05:32	0°♓58'51	
	-7919 May 04 j 03:24	30°℞♒	
desc. node	-7919 May 06 j 00:57	29°♒07'31	
direct	-7919 May 17 j 11:16	26°♒35'11	
greatest brilliancy	-7919 May 28 j 22:42	28°♒57'33	-4.8m
	-7919 May 31 j 09:06	0°♓	
morning max el	-7919 Jul 06 j 12:51	28°♓19'57	46°32'51
	-7919 Jul 08 j 04:48	0°♈	
	-7919 Aug 04 j 20:29	0°♉	
asc. node	-7919 Aug 26 j 07:32	25°♉12'08	
	-7919 Aug 30 j 07:15	0°♊	
	-7919 Sep 23 j 20:40	0°♋	
	-7919 Oct 18 j 02:33	0°♌	
	-7919 Nov 11 j 08:16	0°♍	
	-7919 Dec 05 j 16:52	0°♎	
desc. node	-7919 Dec 16 j 17:59	13°♎33'10	
	-7919 Dec 30 j 04:10	0°♏	
morning set	-7918 Jan 11 j 18:25	15°♏24'45	
	-7918 Jan 23 j 16:27	0°♐	
max. Earth dist.	-7918 Feb 16 j 19:24	29°♐33'31	1.73779 AU
	-7918 Feb 17 j 04:02	0°♑	
superior conj	-7918 Feb 18 j 04:25	1°♑14'45	-1°20'06
minimum elong	-7918 Feb 18 j 07:37	1°♑24'36	1°20'37
	-7918 Mar 13 j 14:21	0°♒	
evening rise	-7918 Mar 25 j 22:03	15°♒09'06	
	-7918 Apr 06 j 23:42	0°♓	
asc. node	-7918 Apr 07 j 18:41	0°♓58'21	
	-7918 May 01 j 08:49	0°♈	
	-7918 May 25 j 18:35	0°♉	
	-7918 Jun 19 j 06:25	0°♊	
	-7918 Jul 13 j 23:05	0°♋	
desc. node	-7918 Jul 29 j 06:37	18°♋22'53	
	-7918 Aug 08 j 01:47	0°♌	
	-7918 Sep 03 j 01:39	0°♍	
evening max el	-7918 Sep 24 j 17:41	23°♍21'23	47°23'08
	-7918 Oct 01 j 09:21	0°♎	
greatest brilliancy	-7918 Nov 03 j 21:41	25°♎01'58	-4.9m
retrograde	-7918 Nov 14 j 18:41	27°♎17'39	
asc. node	-7918 Nov 18 j 14:03	26°♎59'21	
evening set	-7918 Nov 29 j 19:50	22°♎39'17	
min. Earth dist.	-7918 Dec 04 j 20:39	19°♎32'49	0.28189 AU
inferior conj	-7918 Dec 05 j 19:25	18°♎56'13	3°57'30
minimum elong	-7918 Dec 05 j 12:05	19°♎08'01	3°55'28
morning rise	-7918 Dec 11 j 05:19	15°♎35'17	
direct	-7918 Dec 26 j 19:17	10°♎47'31	
greatest brilliancy	-7917 Jan 04 j 13:01	12°♎13'24	-4.8m
	-7917 Feb 01 j 16:48	0°♏	
morning max el	-7917 Feb 13 j 13:23	10°♏43'06	45°55'44
	-7917 Mar 04 j 18:28	0°♐	
desc. node	-7917 Mar 11 j 05:24	6°♐50'48	
	-7917 Apr 01 j 05:56	0°♑	
	-7917 Apr 27 j 06:19	0°♒	
	-7917 May 22 j 09:26	0°♓	
	-7917 Jun 15 j 21:40	0°♈	
asc. node	-7917 Jul 01 j 08:23	19°♈11'51	
	-7917 Jul 09 j 23:26	0°♉	
greatest brilliancy	-7917 Jul 24 j 14:39	18°♉24'54	-3.9m
	-7917 Aug 02 j 18:47	0°♊	
morning set	-7917 Aug 09 j 23:04	9°♊04'58	
	-7917 Aug 26 j 11:41	0°♋	
	-7917 Sep 19 j 05:44	0°♌	
superior conj	-7917 Sep 20 j 00:20	0°♌58'36	1°03'59
minimum elong	-7917 Sep 20 j 11:59	1°♌35'15	1°04'07
max. Earth dist.	-7917 Sep 25 j 23:13	8°♌28'02	1.71042 AU
	-7917 Oct 13 j 03:17	0°♍	
desc. node	-7917 Oct 21 j 17:17	10°♍43'12	
evening rise	-7917 Nov 02 j 04:46	25°♍00'39	
	-7917 Nov 06 j 05:09	0°♎	
	-7917 Nov 30 j 11:09	0°♏	
	-7917 Dec 24 j 21:30	0°♐	
	-7916 Jan 18 j 14:03	0°♑	
asc. node	-7916 Feb 10 j 20:20	27°♑48'35	
	-7916 Feb 12 j 16:49	0°♒	
	-7916 Mar 09 j 12:24	0°♓	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

	-7916 Apr 05 j 13:26	0°♈		
evening max el	-7916 Apr 28 j 17:53	23°♈40'59	45°53'23	
	-7916 May 05 j 12:09	0°♉		
desc. node	-7916 Jun 02 j 11:28	20°♉24'13		
greatest brilliancy	-7916 Jun 07 j 13:02	22°♉28'24	-4.8m	
retrograde	-7916 Jun 17 j 03:59	24°♉09'12		
evening set	-7916 Jul 03 j 06:22	19°♉18'54		
inferior conj	-7916 Jul 08 j 00:38	16°♉32'32	-7°24'23	
minimum elong	-7916 Jul 07 j 14:43	16°♉47'22	7°22'21	
min. Earth dist.	-7916 Jul 07 j 23:48	16°♉33'47	0.26857 AU	
morning rise	-7916 Jul 11 j 22:50	14°♉13'43		
direct	-7916 Jul 28 j 16:14	8°♉54'45		
greatest brilliancy	-7916 Aug 08 j 10:49	11°♉04'10	-4.9m	
	-7916 Sep 04 j 18:08	0°♊		
morning max el	-7916 Sep 17 j 08:29	12°♊14'48	46°46'45	
asc. node	-7916 Sep 22 j 18:52	17°♊54'24		
	-7916 Oct 03 j 22:07	0°♋		
	-7916 Oct 30 j 01:18	0°♌		
	-7916 Nov 24 j 07:57	0°♍		
	-7916 Dec 19 j 08:56	0°♎		
desc. node	-7915 Jan 13 j 07:08	29°♎56'38		
	-7915 Jan 13 j 08:16	0°♏		
	-7915 Feb 07 j 05:26	0°♐		
	-7915 Mar 03 j 22:54	0°♑		
morning set	-7915 Mar 21 j 02:40	20°♑57'12		
	-7915 Mar 28 j 11:44	0°♒		
max. Earth dist.	-7915 Apr 21 j 06:05	29°♒17'04	1.73039 AU	
	-7915 Apr 21 j 19:58	0°♓		
superior conj	-7915 Apr 25 j 11:02	4°♓29'24	-0°22'41	
minimum elong	-7915 Apr 25 j 15:17	4°♓42'32	0°22'46	
asc. node	-7915 May 05 j 07:53	16°♓43'20		
	-7915 May 16 j 00:18	0°♈		
evening rise	-7915 May 31 j 04:46	18°♈55'20		
	-7915 Jun 09 j 01:48	0°♉		
	-7915 Jul 03 j 02:02	0°♊		
	-7915 Jul 27 j 03:06	0°♋		
	-7915 Aug 20 j 07:28	0°♌		
desc. node	-7915 Aug 25 j 18:09	6°♌43'09		
	-7915 Sep 13 j 17:48	0°♍		
	-7915 Oct 08 j 14:10	0°♎		
	-7915 Nov 03 j 05:43	0°♏		
	-7915 Nov 30 j 19:45	0°♐		
evening max el	-7915 Dec 04 j 03:42	3°♐20'58	45°47'17	
asc. node	-7915 Dec 16 j 00:34	14°♐32'54		
	-7914 Jan 06 j 05:49	0°♑		
greatest brilliancy	-7914 Jan 11 j 09:37	2°♑21'35	-4.7m	
retrograde	-7914 Jan 22 j 09:27	4°♑35'17		
	-7914 Feb 06 j 16:35	30°℞♐		
evening set	-7914 Feb 09 j 02:00	28°♐36'03		
inferior conj	-7914 Feb 12 j 21:04	26°♐13'20	8°04'02	
minimum elong	-7914 Feb 12 j 22:22	26°♐11'15	8°03'30	
min. Earth dist.	-7914 Feb 13 j 04:41	26°♐01'11	0.29596 AU	
morning rise	-7914 Feb 16 j 18:41	23°♐46'11		
direct	-7914 Mar 06 j 17:20	17°♐41'06		
greatest brilliancy	-7914 Mar 16 j 18:21	19°♐29'13	-4.7m	
	-7914 Apr 04 j 08:42	0°♑		
desc. node	-7914 Apr 07 j 16:27	2°♑32'42		
morning max el	-7914 Apr 24 j 18:33	17°♑35'22	46°01'39	
	-7914 May 07 j 04:50	0°♒		
	-7914 Jun 03 j 15:51	0°♓		
	-7914 Jun 29 j 06:45	0°♈		
	-7914 Jul 23 j 22:18	0°♉		
asc. node	-7914 Jul 28 j 21:20	6°♉08'00		
	-7914 Aug 17 j 00:35	0°♊		
	-7914 Sep 09 j 20:49	0°♋		
	-7914 Oct 03 j 16:31	0°♌		
morning set	-7914 Oct 26 j 08:07	28°♌22'54		
	-7914 Oct 27 j 15:13	0°♍		
desc. node	-7914 Nov 18 j 06:40	26°♍55'51		
	-7914 Nov 20 j 18:05	0°♎		
superior conj	-7914 Dec 07 j 05:05	20°♎21'51	-0°41'10	
minimum elong	-7914 Dec 06 j 20:06	19°♎54'07	0°40'55	
max. Earth dist.	-7914 Dec 10 j 16:37	24°♎39'41	1.72819 AU	
	-7914 Dec 15 j 00:29	0°♏		
	-7913 Jan 08 j 09:15	0°♐		
evening rise	-7913 Jan 15 j 05:54	8°♐25'40		
	-7913 Feb 01 j 19:57	0°♑		
	-7913 Feb 26 j 09:20	0°♒		
asc. node	-7913 Mar 10 j 08:13	14°♒31'57		
	-7913 Mar 23 j 02:57	0°♓		
	-7913 Apr 17 j 02:41	0°♈		
	-7913 May 12 j 11:16	0°♉		
	-7913 Jun 07 j 11:08	0°♊		
desc. node	-7913 Jun 30 j 21:56	25°♊49'03		
	-7913 Jul 04 j 21:17	0°♋		
evening max el	-7913 Jul 12 j 13:14	7°♋50'09	47°30'24	
	-7913 Aug 06 j 11:40	0°♌		
greatest brilliancy	-7913 Aug 23 j 02:44	9°♌17'55	-4.9m	
retrograde	-7913 Sep 01 j 09:14	10°♌57'04		
evening set	-7913 Sep 17 j 18:19	5°♌39'11		
inferior conj	-7913 Sep 22 j 00:39	3°♌04'12	-6°35'23	
minimum elong	-7913 Sep 22 j 11:05	2°♌48'06	6°32'38	
min. Earth dist.	-7913 Sep 21 j 18:20	3°♌13'57	0.26630 AU	
morning rise	-7913 Sep 27 j 04:04	0°♌00'08		
	-7913 Sep 27 j 04:10	30°℞♋		
direct	-7913 Oct 12 j 05:20	25°♋26'10		
asc. node	-7913 Oct 21 j 05:43	27°♋00'58		
greatest brilliancy	-7913 Oct 22 j 02:30	27°♋19'10	-4.9m	
	-7913 Oct 28 j 01:07	0°♌		
morning max el	-7913 Dec 01 j 06:11	27°♌55'26	46°22'31	
	-7913 Dec 03 j 07:59	0°♍		
	-7913 Dec 31 j 11:40	0°♎		
	-7912 Jan 27 j 00:56	0°♏		
desc. node	-7912 Feb 10 j 19:42	17°♏04'53		
	-7912 Feb 21 j 21:05	0°♐		
	-7912 Mar 18 j 05:14	0°♑		
	-7912 Apr 12 j 02:57	0°♒		
	-7912 May 06 j 15:27	0°♓		
morning set	-7912 May 26 j 18:12	24°♓54'52		
	-7912 May 30 j 20:12	0°♈		
asc. node	-7912 Jun 01 j 21:13	2°♈32'51		
	-7912 Jun 23 j 19:05	0°♉		
max. Earth dist.	-7912 Jun 29 j 21:03	7°♉38'59	1.71281 AU	
superior conj	-7912 Jul 02 j 21:27	11°♉26'51	1°03'51	
minimum elong	-7912 Jul 02 j 12:07	10°♉57'30	1°03'51	
	-7912 Jul 17 j 14:34	0°♊		
	-7912 Aug 10 j 09:21	0°♋		
evening rise	-7912 Aug 11 j 00:06	0°♋46'26		
	-7912 Sep 03 j 06:02	0°♌		
desc. node	-7912 Sep 22 j 06:30	23°♌46'36		
	-7912 Sep 27 j 06:28	0°♍		
	-7912 Oct 21 j 11:55	0°♎		
	-7912 Nov 15 j 00:03	0°♏		
	-7912 Dec 09 j 22:55	0°♐		
	-7911 Jan 04 j 18:08	0°♑		
asc. node	-7911 Jan 12 j 11:11	8°♑39'28		
	-7911 Feb 01 j 09:11	0°♒		
evening max el	-7911 Feb 13 j 04:47	11°♒41'46	44°57'36	
	-7911 Mar 06 j 23:53	0°♓		
greatest brilliancy	-7911 Mar 22 j 18:55	8°♓33'27	-4.7m	
retrograde	-7911 Apr 02 j 03:18	10°♓26'17		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

evening set	-7911 Apr 17 j 09:44	6°♓04'09	
inferior conj	-7911 Apr 23 j 09:46	2°♓33'21	2°40'11
minimum elong	-7911 Apr 23 j 15:20	2°♓24'49	2°38'22
min. Earth dist.	-7911 Apr 24 j 10:56	1°♓54'53	0.28399 AU
	-7911 Apr 27 j 15:44	30°℞♒	
morning rise	-7911 Apr 29 j 20:05	28°♒46'40	
desc. node	-7911 May 05 j 03:14	26°♒18'31	
direct	-7911 May 15 j 03:10	24°♒21'47	
greatest brilliancy	-7911 May 26 j 13:50	26°♒42'56	-4.8m
	-7911 Jun 02 j 09:02	0°♓	
morning max el	-7911 Jul 04 j 03:17	26°♓00'50	46°31'47
	-7911 Jul 08 j 02:09	0°♈	
	-7911 Aug 04 j 12:15	0°♉	
asc. node	-7911 Aug 25 j 09:34	24°♉36'23	
	-7911 Aug 29 j 20:56	0°♊	
	-7911 Sep 23 j 09:18	0°♋	
	-7911 Oct 17 j 14:32	0°♌	
	-7911 Nov 10 j 19:49	0°♍	
	-7911 Dec 05 j 04:07	0°♎	
desc. node	-7911 Dec 15 j 20:05	13°♎05'28	
	-7911 Dec 29 j 15:12	0°♏	
morning set	-7910 Jan 09 j 09:34	13°♏10'48	
	-7910 Jan 23 j 03:18	0°♐	
max. Earth dist.	-7910 Feb 14 j 16:43	27°♐38'43	1.73774 AU
superior conj	-7910 Feb 15 j 22:45	29°♐10'47	-1°20'40
minimum elong	-7910 Feb 16 j 01:22	29°♐18'50	1°21'09
	-7910 Feb 16 j 14:48	0°♑	
	-7910 Mar 13 j 01:06	0°♒	
evening rise	-7910 Mar 23 j 17:27	13°♒07'53	
	-7910 Apr 06 j 10:36	0°♓	
asc. node	-7910 Apr 06 j 20:54	0°♓31'41	
	-7910 Apr 30 j 20:01	0°♈	
	-7910 May 25 j 06:14	0°♉	
	-7910 Jun 18 j 18:40	0°♊	
	-7910 Jul 13 j 12:11	0°♋	
desc. node	-7910 Jul 28 j 08:41	17°♋47'51	
	-7910 Aug 07 j 16:12	0°♌	
	-7910 Sep 02 j 18:42	0°♍	
evening max el	-7910 Sep 22 j 09:03	21°♍02'25	47°25'41
	-7910 Oct 01 j 10:18	0°♎	
greatest brilliancy	-7910 Nov 01 j 15:56	22°♎48'30	-4.9m
retrograde	-7910 Nov 12 j 10:50	25°♎02'15	
asc. node	-7910 Nov 17 j 16:17	24°♎27'44	
evening set	-7910 Nov 27 j 10:51	20°♎26'24	
min. Earth dist.	-7910 Dec 02 j 13:00	17°♎18'05	0.28113 AU
inferior conj	-7910 Dec 03 j 11:33	16°♎41'47	3°39'56
minimum elong	-7910 Dec 03 j 04:37	16°♎52'57	3°37'59
morning rise	-7910 Dec 08 j 23:22	13°♎17'57	
direct	-7910 Dec 24 j 10:11	8°♎34'26	
greatest brilliancy	-7909 Jan 02 j 04:45	10°♎00'38	-4.8m
	-7909 Feb 01 j 21:07	0°♏	
morning max el	-7909 Feb 11 j 03:53	8°♏29'50	45°56'03
	-7909 Mar 04 j 11:34	0°♐	
desc. node	-7909 Mar 10 j 07:33	6°♐13'16	
	-7909 Mar 31 j 19:49	0°♑	
	-7909 Apr 26 j 18:46	0°♒	
	-7909 May 21 j 21:09	0°♓	
	-7909 Jun 15 j 09:02	0°♈	
asc. node	-7909 Jun 30 j 10:30	18°♈43'23	
	-7909 Jul 09 j 10:38	0°♉	
greatest brilliancy	-7909 Jul 24 j 06:27	18°♉39'38	-3.9m
	-7909 Aug 02 j 05:54	0°♊	
morning set	-7909 Aug 07 j 10:32	6°♊34'08	
	-7909 Aug 25 j 22:48	0°♋	
superior conj	-7909 Sep 17 j 09:04	28°♋19'51	1°06'28
minimum elong	-7909 Sep 17 j 20:27	28°♋55'44	1°06'39
	-7909 Sep 18 j 16:52	0°♌	
max. Earth dist.	-7909 Sep 22 j 23:25	5°♌22'46	1.70994 AU
	-7909 Oct 12 j 14:25	0°♍	
desc. node	-7909 Oct 20 j 19:31	10°♍15'30	
evening rise	-7909 Oct 30 j 13:51	22°♍25'07	
	-7909 Nov 05 j 16:15	0°♎	
	-7909 Nov 29 j 22:16	0°♏	
	-7909 Dec 24 j 08:45	0°♐	
	-7908 Jan 18 j 01:40	0°♑	
asc. node	-7908 Feb 09 j 22:24	27°♑18'16	
	-7908 Feb 12 j 05:13	0°♒	
	-7908 Mar 09 j 02:23	0°♓	
	-7908 Apr 05 j 06:51	0°♈	
evening max el	-7908 Apr 26 j 06:28	21°♈18'59	45°50'06
	-7908 May 05 j 16:29	0°♉	
desc. node	-7908 Jun 01 j 13:41	18°♉42'15	
greatest brilliancy	-7908 Jun 05 j 00:09	20°♉02'03	-4.8m
retrograde	-7908 Jun 14 j 15:53	21°♉43'45	
evening set	-7908 Jun 30 j 14:27	16°♉58'36	
inferior conj	-7908 Jul 05 j 12:55	14°♉06'56	-7°10'29
minimum elong	-7908 Jul 05 j 02:42	14°♉22'11	7°08'17
min. Earth dist.	-7908 Jul 05 j 12:49	14°♉07'06	0.26889 AU
morning rise	-7908 Jul 09 j 14:38	11°♉43'20	
direct	-7908 Jul 26 j 04:58	6°♉28'07	
greatest brilliancy	-7908 Aug 06 j 01:26	8°♉39'19	-4.9m
	-7908 Sep 04 j 22:56	0°♊	
morning max el	-7908 Sep 14 j 21:44	9°♊47'17	46°47'02
asc. node	-7908 Sep 21 j 21:12	17°♊05'22	
	-7908 Oct 03 j 16:11	0°♋	
	-7908 Oct 29 j 16:07	0°♌	
	-7908 Nov 23 j 21:11	0°♍	
	-7908 Dec 18 j 21:13	0°♎	
desc. node	-7907 Jan 12 j 09:11	29°♎27'46	
	-7907 Jan 12 j 19:53	0°♏	
	-7907 Feb 06 j 16:37	0°♐	
	-7907 Mar 03 j 09:48	0°♑	
morning set	-7907 Mar 18 j 22:04	18°♑56'31	
	-7907 Mar 27 j 22:30	0°♒	
max. Earth dist.	-7907 Apr 19 j 04:28	27°♒24'32	1.73093 AU
	-7907 Apr 21 j 06:45	0°♓	
superior conj	-7907 Apr 23 j 06:23	2°♓27'21	-0°25'31
minimum elong	-7907 Apr 23 j 11:07	2°♓41'57	0°25'37
asc. node	-7907 May 04 j 10:05	16°♓16'36	
	-7907 May 15 j 11:11	0°♈	
evening rise	-7907 May 28 j 22:57	16°♈48'10	
	-7907 Jun 08 j 12:52	0°♉	
	-7907 Jul 02 j 13:21	0°♊	
	-7907 Jul 26 j 14:45	0°♋	
	-7907 Aug 19 j 19:32	0°♌	
desc. node	-7907 Aug 24 j 20:19	6°♌12'22	
	-7907 Sep 13 j 06:27	0°♍	
	-7907 Oct 08 j 03:43	0°♎	
	-7907 Nov 02 j 21:06	0°♏	
	-7907 Nov 30 j 16:17	0°♐	
evening max el	-7907 Dec 01 j 20:02	1°♐09'18	45°50'38
asc. node	-7907 Dec 15 j 02:47	13°♐36'48	
	-7906 Jan 08 j 11:20	0°♑	
greatest brilliancy	-7906 Jan 09 j 01:59	0°♑14'32	-4.7m
retrograde	-7906 Jan 20 j 03:41	2°♑30'00	
	-7906 Jan 31 j 06:23	30°℞♐	
evening set	-7906 Feb 06 j 19:26	26°♐30'12	
inferior conj	-7906 Feb 10 j 14:36	24°♐07'13	8°05'20
minimum elong	-7906 Feb 10 j 15:15	24°♐06'10	8°04'48
min. Earth dist.	-7906 Feb 10 j 20:27	23°♐57'53	0.29591 AU
morning rise	-7906 Feb 14 j 11:05	21°♐41'54	

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

direct	-7906 Mar 04 j 10:43	15°♐35'07		
greatest brilliancy	-7906 Mar 14 j 09:23	17°♐21'42	-4.7m	
	-7906 Apr 04 j 20:03	0°♑		
desc. node	-7906 Apr 06 j 18:45	1°♑32'38		
morning max el	-7906 Apr 22 j 12:12	15°♑30'02	46°00'49	
	-7906 May 06 j 23:01	0°♒		
	-7906 Jun 03 j 06:19	0°♓		
	-7906 Jun 28 j 19:42	0°♈		
	-7906 Jul 23 j 10:29	0°♉		
asc. node	-7906 Jul 27 j 23:25	5°♉36'56		
	-7906 Aug 16 j 12:23	0°♊		
	-7906 Sep 09 j 08:23	0°♋		
	-7906 Oct 03 j 03:56	0°♌		
morning set	-7906 Oct 23 j 17:54	25°♌48'12		
	-7906 Oct 27 j 02:31	0°♍		
desc. node	-7906 Nov 17 j 08:44	26°♍27'33		
	-7906 Nov 20 j 05:16	0°♎		
superior conj	-7906 Dec 04 j 17:01	17°♎56'04	-0°38'00	
minimum elong	-7906 Dec 04 j 08:27	17°♎29'36	0°37'44	
max. Earth dist.	-7906 Dec 08 j 08:24	22°♎25'56	1.72763 AU	
	-7906 Dec 14 j 11:35	0°♏		
	-7905 Jan 07 j 20:17	0°♐		
evening rise	-7905 Jan 12 j 22:10	6°♐14'26		
	-7905 Feb 01 j 07:02	0°♑		
	-7905 Feb 25 j 20:36	0°♒		
asc. node	-7905 Mar 09 j 10:31	14°♒04'16		
	-7905 Mar 22 j 14:39	0°♓		
	-7905 Apr 16 j 15:09	0°♈		
	-7905 May 12 j 01:02	0°♉		
	-7905 Jun 07 j 03:16	0°♊		
desc. node	-7905 Jun 29 j 24:00	25°♊00'53		
	-7905 Jul 04 j 18:47	0°♋		
evening max el	-7905 Jul 10 j 04:07	5°♋28'04	47°27'59	
	-7905 Aug 07 j 13:16	0°♌		
greatest brilliancy	-7905 Aug 20 j 15:30	6°♌47'38	-4.9m	
retrograde	-7905 Aug 29 j 22:22	8°♌26'29		
evening set	-7905 Sep 15 j 10:12	3°♌04'26		
inferior conj	-7905 Sep 19 j 13:08	0°♌34'25	-6°51'31	
minimum elong	-7905 Sep 19 j 23:32	0°♌18'24	6°48'52	
min. Earth dist.	-7905 Sep 19 j 06:54	0°♌44'02	0.26614 AU	
	-7905 Sep 20 j 11:31	30°℞♋		
morning rise	-7905 Sep 24 j 13:07	27°♋35'33		
direct	-7905 Oct 09 j 18:23	22°♋57'17		
greatest brilliancy	-7905 Oct 19 j 15:02	24°♋50'05	-4.9m	
asc. node	-7905 Oct 20 j 07:58	25°♋06'00		
	-7905 Oct 29 j 19:37	0°♌		
morning max el	-7905 Nov 28 j 20:27	25°♌33'27	46°23'35	
	-7905 Dec 03 j 06:06	0°♍		
	-7905 Dec 31 j 03:51	0°♎		
	-7904 Jan 26 j 14:43	0°♏		
desc. node	-7904 Feb 09 j 21:48	16°♏33'10		
	-7904 Feb 21 j 09:36	0°♐		
	-7904 Mar 17 j 17:01	0°♑		
	-7904 Apr 11 j 14:18	0°♒		
	-7904 May 06 j 02:33	0°♓		
morning set	-7904 May 24 j 12:09	22°♓47'07		
	-7904 May 30 j 07:13	0°♈		
asc. node	-7904 May 31 j 23:19	2°♈05'00		
	-7904 Jun 23 j 06:11	0°♉		
max. Earth dist.	-7904 Jun 27 j 05:11	4°♉58'39	1.71340 AU	
superior conj	-7904 Jun 30 j 12:46	9°♉08'57	1°01'36	
minimum elong	-7904 Jun 30 j 03:26	8°♉39'35	1°01'35	
	-7904 Jul 17 j 01:48	0°♊		
evening rise	-7904 Aug 08 j 10:46	28°♊12'58		
	-7904 Aug 09 j 20:45	0°♋		
	-7904 Sep 02 j 17:35	0°♌		
desc. node	-7904 Sep 21 j 08:43	23°♌17'08		
	-7904 Sep 26 j 18:11	0°♍		
	-7904 Oct 20 j 23:51	0°♎		
	-7904 Nov 14 j 12:23	0°♏		
	-7904 Dec 09 j 12:01	0°♐		
	-7903 Jan 04 j 08:54	0°♑		
asc. node	-7903 Jan 11 j 13:20	8°♑02'13		
	-7903 Feb 01 j 04:26	0°♒		
evening max el	-7903 Feb 10 j 19:56	9°♒29'29	44°57'38	
	-7903 Mar 07 j 21:01	0°♓		
greatest brilliancy	-7903 Mar 20 j 10:27	6°♓23'07	-4.7m	
retrograde	-7903 Mar 30 j 17:48	8°♓15'31		
evening set	-7903 Apr 15 j 03:04	3°♓50'24		
inferior conj	-7903 Apr 21 j 01:17	0°♓21'49	2°58'45	
minimum elong	-7903 Apr 21 j 07:25	0°♓12'27	2°56'48	
	-7903 Apr 21 j 15:32	30°℞♒		
min. Earth dist.	-7903 Apr 22 j 03:10	29°♒42'10	0.28460 AU	
morning rise	-7903 Apr 27 j 10:48	26°♒35'28		
desc. node	-7903 May 04 j 05:21	23°♒34'52		
direct	-7903 May 12 j 18:53	22°♒09'04		
greatest brilliancy	-7903 May 24 j 05:43	24°♒29'40	-4.8m	
	-7903 Jun 03 j 17:12	0°♓		
morning max el	-7903 Jul 01 j 17:22	23°♓40'48	46°30'40	
	-7903 Jul 07 j 22:51	0°♈		
	-7903 Aug 04 j 03:57	0°♉		
asc. node	-7903 Aug 24 j 11:54	24°♉01'08		
	-7903 Aug 29 j 10:45	0°♊		
	-7903 Sep 22 j 22:11	0°♋		
	-7903 Oct 17 j 02:52	0°♌		
	-7903 Nov 10 j 07:46	0°♍		
	-7903 Dec 04 j 15:45	0°♎		
desc. node	-7903 Dec 14 j 22:08	12°♎36'26		
	-7903 Dec 29 j 02:35	0°♏		
morning set	-7902 Jan 07 j 00:12	10°♏54'11		
	-7902 Jan 22 j 14:29	0°♐		
max. Earth dist.	-7902 Feb 12 j 12:41	25°♐38'45	1.73766 AU	
superior conj	-7902 Feb 13 j 16:55	27°♐05'19	-1°21'05	
minimum elong	-7902 Feb 13 j 18:55	27°♐11'29	1°21'36	
	-7902 Feb 16 j 01:52	0°♑		
	-7902 Mar 12 j 12:11	0°♒		
evening rise	-7902 Mar 21 j 12:54	11°♒05'52		
asc. node	-7902 Apr 05 j 23:06	0°♓03'56		
	-7902 Apr 05 j 21:49	0°♓		
	-7902 Apr 30 j 07:31	0°♈		
	-7902 May 24 j 18:08	0°♉		
	-7902 Jun 18 j 07:11	0°♊		
	-7902 Jul 13 j 01:34	0°♋		
desc. node	-7902 Jul 27 j 10:53	17°♋12'19		
	-7902 Aug 07 j 07:03	0°♌		
	-7902 Sep 02 j 12:30	0°♍		
evening max el	-7902 Sep 19 j 23:36	18°♍39'49	47°27'50	
	-7902 Oct 01 j 13:20	0°♎		
greatest brilliancy	-7902 Oct 30 j 09:51	20°♎31'50	-4.9m	
retrograde	-7902 Nov 10 j 02:27	22°♎43'50		
asc. node	-7902 Nov 16 j 18:29	21°♎47'36		
evening set	-7902 Nov 25 j 01:31	18°♎10'01		
min. Earth dist.	-7902 Nov 30 j 05:11	14°♎59'51	0.28039 AU	
inferior conj	-7902 Dec 01 j 03:16	14°♎24'21	3°21'32	
minimum elong	-7902 Nov 30 j 20:47	14°♎34'46	3°19'42	
morning rise	-7902 Dec 06 j 16:57	10°♎57'45		
direct	-7902 Dec 22 j 00:21	6°♎18'05		
greatest brilliancy	-7902 Dec 30 j 20:35	7°♎45'22	-4.8m	
	-7901 Feb 02 j 00:32	0°♏		
morning max el	-7901 Feb 08 j 18:18	6°♏14'39	45°56'37	
	-7901 Mar 04 j 04:49	0°♐		

Attention, astronomical year style is used: The year -8400 in astronomical counting style is the year 8401 BCE in historical counting style.

desc. node	-7901 Mar 09 j 09:52	5°♐35'16		
	-7901 Mar 31 j 09:58	0°♑		
	-7901 Apr 26 j 07:31	0°♒		
	-7901 May 21 j 09:11	0°♓		
	-7901 Jun 14 j 20:40	0°♈		
asc. node	-7901 Jun 29 j 12:36	18°♈14'04		
	-7901 Jul 08 j 22:05	0°♉		
greatest brilliancy	-7901 Jul 23 j 20:20	18°♉47'32	-3.9m	
	-7901 Aug 01 j 17:16	0°♊		
morning set	-7901 Aug 04 j 22:44	4°♊04'57		
	-7901 Aug 25 j 10:09	0°♋		
superior conj	-7901 Sep 14 j 18:12	25°♋41'33	1°08'48	
minimum elong	-7901 Sep 15 j 05:13	26°♋16'15	1°08'59	
	-7901 Sep 18 j 04:15	0°♌		
max. Earth dist.	-7901 Sep 20 j 00:17	2°♌18'37	1.70958 AU	
	-7901 Oct 12 j 01:51	0°♍		
desc. node	-7901 Oct 19 j 21:34	9°♍46'13		
evening rise	-7901 Oct 27 j 22:43	19°♍47'46		
	-7901 Nov 05 j 03:45	0°♎		
	-7901 Nov 29 j 09:49	0°♏		
	-7901 Dec 23 j 20:28	0°♐		
	-7900 Jan 17 j 13:46	0°♑		
asc. node	-7900 Feb 09 j 00:44	26°♑47'17		
	-7900 Feb 11 j 18:09	0°♒		
	-7900 Mar 08 j 16:58	0°♓		
	-7900 Apr 05 j 01:07	0°♈		
evening max el	-7900 Apr 23 j 19:51	18°♈58'07	45°47'00	
	-7900 May 05 j 23:16	0°♉		
desc. node	-7900 May 31 j 15:52	16°♉55'28		
greatest brilliancy	-7900 Jun 02 j 10:45	17°♉34'34	-4.8m	
retrograde	-7900 Jun 12 j 04:22	19°♉17'47		
evening set	-7900 Jun 27 j 22:45	14°♉37'33		
inferior conj	-7900 Jul 03 j 01:13	11°♉40'43	-6°55'43	
minimum elong	-7900 Jul 02 j 14:47	11°♉56'14	6°53'24	
min. Earth dist.	-7900 Jul 03 j 01:32	11°♉40'14	0.26918 AU	
morning rise	-7900 Jul 07 j 06:30	9°♉12'25		
direct	-7900 Jul 23 j 18:17	4°♉01'07		
greatest brilliancy	-7900 Aug 03 j 15:27	6°♉13'27	-4.9m	
	-7900 Sep 05 j 02:12	0°♊		
morning max el	-7900 Sep 12 j 11:39	7°♊21'14	46°47'19	
asc. node	-7900 Sep 20 j 23:24	16°♊16'22		
	-7900 Oct 03 j 10:00	0°♋		
	-7900 Oct 29 j 06:57	0°♌		
	-7900 Nov 23 j 10:35	0°♍		
	-7900 Dec 18 j 09:47	0°♎		
desc. node	-7899 Jan 11 j 11:20	28°♎58'09		
	-7899 Jan 12 j 07:52	0°♏		
	-7899 Feb 06 j 04:09	0°♐		
	-7899 Mar 02 j 21:03	0°♑		
morning set	-7899 Mar 16 j 16:57	16°♑53'14		
	-7899 Mar 27 j 09:37	0°♒		
max. Earth dist.	-7899 Apr 17 j 02:39	25°♒30'31	1.73140 AU	
	-7899 Apr 20 j 17:50	0°♓		
superior conj	-7899 Apr 21 j 01:23	0°♓23'19	-0°28'22	
minimum elong	-7899 Apr 21 j 06:33	0°♓39'18	0°28'27	
asc. node	-7899 May 03 j 12:06	15°♓48'27		
	-7899 May 14 j 22:22	0°♈		
evening rise	-7899 May 26 j 17:03	14°♈39'51		
	-7899 Jun 08 j 00:14	0°♉		
	-7899 Jul 02 j 00:58	0°♊		
	-7899 Jul 26 j 02:41	0°♋		
	-7899 Aug 19 j 07:50	0°♌		
desc. node	-7899 Aug 23 j 22:35	5°♌41'13		
	-7899 Sep 12 j 19:17	0°♍		
	-7899 Oct 07 j 17:28	0°♎		
	-7899 Nov 02 j 12:50	0°♏		
evening max el	-7899 Nov 29 j 12:46	28°♏57'54	45°53'45	
	-7899 Nov 30 j 13:48	0°♐		
asc. node	-7899 Dec 14 j 04:58	12°♐38'32		
greatest brilliancy	-7898 Jan 06 j 18:29	28°♐06'17	-4.7m	