Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

superior conj	-301 Nov 19 j 15:00	23°♏16’16	0°04’23	
minimum elong	-301 Nov 19 j 16:11	23°♏19’59	0°04’19	
behind sun begin	-301 Nov 18 j 14:17	21°♏58’26		
behind sun end	-301 Nov 20 j 18:04	24°♏41’30		
max. Earth dist.	-301 Nov 21 j 01:20	25°♏04’20	1.71009 AU	
desc. node	-301 Nov 21 j 10:56	25°♏34’33		
	-301 Nov 24 j 23:17	0°♐		
	-301 Dec 18 j 20:04	0°♑		
evening rise	-301 Dec 31 j 12:41	15°♑54’34		
	-300 Jan 11 j 19:05	0°♒		
	-300 Feb 04 j 21:45	0°♓		
	-300 Feb 29 j 06:08	0°♈		
asc. node	-300 Mar 13 j 13:40	16°♈14’02		
	-300 Mar 24 j 22:56	0°♉		
	-300 Apr 19 j 03:46	0°♊		
	-300 May 15 j 03:02	0°♋		
	-300 Jun 11 j 12:46	0°♌		
evening max el	-300 Jun 28 j 04:57	16°♌46’54	45°41’33	
desc. node	-300 Jul 03 j 03:37	21°♌25’07		
	-300 Jul 12 j 23:34	0°♍		
greatest brilliancy	-300 Aug 05 j 09:46	14°♍42’47	-4.5m	
retrograde	-300 Aug 16 j 05:29	16°♍49’15		
evening set	-300 Sep 03 j 03:29	10°♍51’57		
inferior conj	-300 Sep 06 j 04:57	9°♍01’24	-8°-40’-1	
minimum elong	-300 Sep 06 j 09:16	8°♍54’49	8°39’45	
min. Earth dist.	-300 Sep 06 j 23:29	8°♍33’09	0.27621 AU	
morning rise	-300 Sep 09 j 14:47	6°♍57’55		
direct	-300 Sep 27 j 04:44	1°♍04’20		
greatest brilliancy	-300 Oct 11 j 07:22	4°♍41’33	-4.6m	
asc. node	-300 Oct 24 j 06:16	12°♍52’55		
	-300 Nov 12 j 12:32	0°♎		
morning max el	-300 Nov 16 j 23:44	4°♎29’29	46°54’10	
	-300 Dec 10 j 11:54	0°♏		
	-299 Jan 05 j 07:17	0°♐		
	-299 Jan 30 j 09:17	0°♑		
desc. node	-299 Feb 12 j 20:27	16°♑15’27		
	-299 Feb 24 j 04:42	0°♒		
	-299 Mar 20 j 21:26	0°♓		
	-299 Apr 14 j 12:52	0°♈		
	-299 May 09 j 03:04	0°♉		
morning set	-299 May 20 j 21:01	14°♉21’40		
	-299 Jun 02 j 15:21	0°♊		
asc. node	-299 Jun 05 j 23:19	4°♊05’17		
max. Earth dist.	-299 Jun 23 j 04:19	25°♊14’48	1.73366 AU	
superior conj	-299 Jun 26 j 02:37	28°♊51’24	0°45’15	
minimum elong	-299 Jun 25 j 18:50	28°♊27’27	0°44’55	
	-299 Jun 27 j 00:52	0°♋		
	-299 Jul 21 j 07:23	0°♌		
evening rise	-299 Jul 31 j 23:18	13°♌13’13		
	-299 Aug 14 j 11:46	0°♍		
	-299 Sep 07 j 15:32	0°♎		
desc. node	-299 Sep 25 j 13:13	22°♎12’28		
	-299 Oct 01 j 20:10	0°♏		
	-299 Oct 26 j 03:02	0°♐		
	-299 Nov 19 j 14:17	0°♑		
	-299 Dec 14 j 11:13	0°♒		
	-298 Jan 09 j 06:37	0°♓		
asc. node	-298 Jan 16 j 15:55	8°♓13’28		
evening max el	-298 Feb 03 j 18:55	27°♓18’14	46°15’56	
	-298 Feb 06 j 12:34	0°♈		
greatest brilliancy	-298 Mar 10 j 15:48	25°♈02’58	-4.5m	
retrograde	-298 Mar 25 j 11:37	28°♈56’46		
evening set	-298 Apr 10 j 15:54	23°♈50’21		
inferior conj	-298 Apr 15 j 20:39	20°♈38’53	4°54’27	
minimum elong	-298 Apr 16 j 05:30	20°♈24’55	4°52’21	
min. Earth dist.	-298 Apr 16 j 01:33	20°♈31’09	0.28980 AU	
morning rise	-298 Apr 21 j 19:17	17°♈02’14		
direct	-298 May 07 j 09:58	12°♈19’39		
desc. node	-298 May 08 j 05:48	12°♈20’27		
greatest brilliancy	-298 May 20 j 11:14	15°♈19’40	-4.5m	
	-298 Jun 11 j 17:46	0°♉		
morning max el	-298 Jun 25 j 06:28	12°♉08’25	45°46’43	
	-298 Jul 12 j 23:34	0°♊		
	-298 Aug 09 j 04:13	0°♋		
asc. node	-298 Aug 29 j 08:44	23°♋33’28		
	-298 Sep 03 j 18:25	0°♌		
	-298 Sep 28 j 11:02	0°♍		
	-298 Oct 22 j 15:22	0°♎		
	-298 Nov 15 j 13:56	0°♏		
	-298 Dec 09 j 11:00	0°♐		
desc. node	-298 Dec 18 j 22:47	11°♐55’08		
morning set	-298 Dec 25 j 13:36	20°♐13’16		
	-297 Jan 02 j 08:49	0°♑		
	-297 Jan 26 j 08:26	0°♒		
superior conj	-297 Feb 04 j 23:31	12°♒00’32	-1°-22’-56	
minimum elong	-297 Feb 04 j 18:20	11°♒44’21	1°22’54	
max. Earth dist.	-297 Feb 09 j 00:35	17°♒02’47	1.72111 AU	
	-297 Feb 19 j 10:36	0°♓		
	-297 Mar 15 j 16:08	0°♈		
evening rise	-297 Mar 16 j 08:35	0°♈50’43		
	-297 Apr 09 j 01:45	0°♉		
asc. node	-297 Apr 11 j 01:36	2°♉26’32		
	-297 May 03 j 15:55	0°♊		
	-297 May 28 j 11:23	0°♋		
	-297 Jun 22 j 14:01	0°♌		
	-297 Jul 18 j 04:05	0°♍		
desc. node	-297 Jul 31 j 15:23	15°♍26’30		
	-297 Aug 13 j 15:02	0°♎		
evening max el	-297 Sep 10 j 19:12	29°♎42’52	46°57’07	
	-297 Sep 11 j 02:09	0°♏		
greatest brilliancy	-297 Oct 19 j 19:18	29°♏34’44	-4.7m	
	-297 Oct 20 j 21:53	0°♐		
retrograde	-297 Oct 31 j 01:29	1°♐55’41		
	-297 Nov 09 j 18:26	30°♏		
evening set	-297 Nov 14 j 10:05	27°♏49’17		
min. Earth dist.	-297 Nov 20 j 08:15	24°♏21’33	0.26339 AU	
inferior conj	-297 Nov 20 j 13:01	24°♏14’17	0°-18’-58	
minimum elong	-297 Nov 20 j 13:44	24°♏13’10	0°18’44	
asc. node	-297 Nov 21 j 18:12	23°♏29’52		
morning rise	-297 Nov 26 j 17:37	20°♏38’19		
direct	-297 Dec 10 j 20:51	16°♏39’34		
greatest brilliancy	-297 Dec 22 j 12:55	19°♏13’31	-4.7m	
	-296 Jan 08 j 19:48	0°♐		
morning max el	-296 Jan 30 j 03:00	19°♐19’41	46°40’20	
	-296 Feb 09 j 12:17	0°♑		
	-296 Mar 07 j 19:24	0°♒		
desc. node	-296 Mar 12 j 08:15	5°♒09’20		
	-296 Apr 02 j 20:17	0°♓		
	-296 Apr 28 j 07:34	0°♈		
	-296 May 23 j 10:37	0°♉		
	-296 Jun 17 j 06:50	0°♊		
asc. node	-296 Jul 03 j 11:06	19°♊43’36		
	-296 Jul 11 j 20:11	0°♋		
morning set	-296 Jul 27 j 11:11	19°♋16’06		
	-296 Aug 05 j 03:00	0°♌		
	-296 Aug 29 j 04:41	0°♍		
max. Earth dist.	-296 Aug 29 j 22:55	0°♍57’01	1.71890 AU	
superior conj	-296 Sep 02 j 12:24	5°♍24’21	1°23’39	
minimum elong	-296 Sep 02 j 15:19	5°♍33’28	1°23’37	
	-296 Sep 22 j 03:24	0°♎		
evening rise	-296 Oct 11 j 14:26	24°♎24’57		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-296 Oct 16 j 01:15	0°♏		
desc. node	-296 Oct 23 j 01:12	8°♏46’46		
	-296 Nov 08 j 23:37	0°♐		
	-296 Dec 02 j 23:37	0°♑		
	-296 Dec 27 j 03:04	0°♒		
	-295 Jan 20 j 13:29	0°♓		
asc. node	-295 Feb 13 j 03:44	28°♓21’45		
	-295 Feb 14 j 12:56	0°♈		
	-295 Mar 12 j 12:20	0°♉		
	-295 Apr 09 j 14:04	0°♊		
evening max el	-295 Apr 15 j 13:05	5°♊50’39	45°19’48	
	-295 May 16 j 00:58	0°♋		
greatest brilliancy	-295 May 20 j 04:16	2°♋04’49	-4.5m	
retrograde	-295 Jun 02 j 22:58	5°♋23’25		
desc. node	-295 Jun 04 j 17:48	5°♋19’44		
evening set	-295 Jun 18 j 06:34	0°♋56’31		
	-295 Jun 19 j 22:43	30°♊		
inferior conj	-295 Jun 24 j 10:12	27°♊16’45	-4°-24’-17	
minimum elong	-295 Jun 24 j 01:36	27°♊30’07	4°22’07	
min. Earth dist.	-295 Jun 24 j 13:58	27°♊10’52	0.28833 AU	
morning rise	-295 Jun 29 j 20:15	24°♊00’06		
direct	-295 Jul 16 j 01:49	19°♊00’51		
greatest brilliancy	-295 Jul 30 j 09:25	22°♊34’41	-4.5m	
	-295 Aug 11 j 15:33	0°♋		
morning max el	-295 Sep 03 j 14:27	19°♋58’23	46°17’39	
	-295 Sep 13 j 10:48	0°♌		
asc. node	-295 Sep 25 j 20:37	13°♌24’16		
	-295 Oct 10 j 11:18	0°♍		
	-295 Nov 04 j 17:35	0°♎		
	-295 Nov 29 j 06:04	0°♏		
	-295 Dec 23 j 11:39	0°♐		
desc. node	-294 Jan 15 j 10:36	28°♐30’06		
	-294 Jan 16 j 15:34	0°♑		
	-294 Feb 09 j 20:07	0°♒		
	-294 Mar 06 j 02:08	0°♓		
morning set	-294 Mar 10 j 20:30	5°♓53’05		
	-294 Mar 30 j 09:55	0°♈		
superior conj	-294 Apr 17 j 11:56	22°♈15’06	0°-47’-4	
minimum elong	-294 Apr 17 j 20:23	22°♈41’03	0°46’44	
max. Earth dist.	-294 Apr 18 j 14:34	23°♈36’54	1.73484 AU	
	-294 Apr 23 j 19:17	0°♉		
asc. node	-294 May 08 j 13:33	18°♉07’46		
	-294 May 18 j 05:43	0°♊		
evening rise	-294 May 24 j 02:14	7°♊10’58		
	-294 Jun 11 j 16:42	0°♋		
	-294 Jul 06 j 04:25	0°♌		
	-294 Jul 30 j 17:54	0°♍		
	-294 Aug 24 j 11:03	0°♎		
desc. node	-294 Aug 28 j 03:18	4°♎26’30		
	-294 Sep 18 j 10:27	0°♏		
	-294 Oct 13 j 21:17	0°♐		
	-294 Nov 09 j 10:08	0°♑		
evening max el	-294 Nov 22 j 02:08	13°♑24’13	47°21’57	
	-294 Dec 09 j 12:30	0°♒		
asc. node	-294 Dec 19 j 06:08	7°♒42’42		
greatest brilliancy	-294 Dec 29 j 18:26	14°♒01’32	-4.7m	
retrograde	-293 Jan 12 j 03:55	17°♒23’23		
evening set	-293 Jan 29 j 10:56	11°♒31’35		
min. Earth dist.	-293 Feb 01 j 07:07	9°♒45’49	0.27803 AU	
inferior conj	-293 Feb 02 j 03:49	9°♒13’08	8°21’06	
minimum elong	-293 Feb 01 j 22:34	9°♒21’25	8°20’41	
morning rise	-293 Feb 05 j 10:28	7°♒10’39		
direct	-293 Feb 22 j 22:15	1°♒15’24		
greatest brilliancy	-293 Mar 05 j 16:34	3°♒22’31	-4.6m	
desc. node	-293 Apr 09 j 20:07	28°♒42’03		
	-293 Apr 11 j 05:08	0°♓		
morning max el	-293 Apr 13 j 00:45	1°♓44’16	45°59’08	
	-293 May 10 j 09:48	0°♈		
	-293 Jun 06 j 06:07	0°♉		
	-293 Jul 02 j 01:02	0°♊		
	-293 Jul 27 j 03:18	0°♋		
asc. node	-293 Jul 31 j 22:55	5°♋50’14		
	-293 Aug 20 j 16:48	0°♌		
	-293 Sep 13 j 20:51	0°♍		
greatest brilliancy	-293 Sep 15 j 11:32	2°♍00’51	-3.9m	
morning set	-293 Oct 07 j 13:44	29°♍43’11		
	-293 Oct 07 j 19:05	0°♎		
	-293 Oct 31 j 14:49	0°♏		
superior conj	-293 Nov 17 j 00:31	20°♏40’01	0°08’23	
minimum elong	-293 Nov 17 j 02:46	20°♏47’06	0°08’16	
behind sun begin	-293 Nov 16 j 03:32	19°♏33’54		
behind sun end	-293 Nov 18 j 02:01	22°♏00’17		
max. Earth dist.	-293 Nov 18 j 07:43	22°♏18’14	1.71006 AU	
desc. node	-293 Nov 20 j 13:02	25°♏06’06		
	-293 Nov 24 j 10:25	0°♐		
	-293 Dec 18 j 07:14	0°♑		
evening rise	-293 Dec 28 j 22:47	13°♑20’59		
	-292 Jan 11 j 06:17	0°♒		
	-292 Feb 04 j 09:00	0°♓		
	-292 Feb 28 j 17:33	0°♈		
asc. node	-292 Mar 12 j 15:47	15°♈45’08		
	-292 Mar 24 j 10:48	0°♉		
	-292 Apr 18 j 16:30	0°♊		
	-292 May 14 j 17:30	0°♋		
	-292 Jun 11 j 07:16	0°♌		
evening max el	-292 Jun 25 j 19:39	14°♌31’26	45°39’34	
desc. node	-292 Jul 02 j 05:38	20°♌29’50		
	-292 Jul 13 j 10:20	0°♍		
greatest brilliancy	-292 Aug 02 j 19:41	12°♍19’32	-4.5m	
retrograde	-292 Aug 13 j 19:07	14°♍28’54		
evening set	-292 Aug 31 j 17:49	8°♍29’41		
inferior conj	-292 Sep 03 j 18:31	6°♍40’08	-8°-43’-32	
minimum elong	-292 Sep 03 j 22:00	6°♍34’48	8°43’23	
min. Earth dist.	-292 Sep 04 j 12:09	6°♍13’15	0.27683 AU	
morning rise	-292 Sep 07 j 02:00	4°♍40’11		
	-292 Sep 16 j 20:35	30°♌		
direct	-292 Sep 24 j 19:43	28°♌42’16		
	-292 Oct 03 j 00:57	0°♍		
greatest brilliancy	-292 Oct 08 j 22:33	2°♍20’19	-4.6m	
asc. node	-292 Oct 23 j 08:27	11°♍39’13		
	-292 Nov 12 j 12:25	0°♎		
morning max el	-292 Nov 14 j 14:49	2°♎07’49	46°53’31	
	-292 Dec 10 j 04:46	0°♏		
	-291 Jan 04 j 21:37	0°♐		
	-291 Jan 29 j 22:20	0°♑		
desc. node	-291 Feb 11 j 22:25	15°♑43’27		
	-291 Feb 23 j 16:55	0°♒		
	-291 Mar 20 j 09:06	0°♓		
	-291 Apr 14 j 00:07	0°♈		
	-291 May 08 j 14:05	0°♉		
morning set	-291 May 18 j 15:34	12°♉18’04		
	-291 Jun 02 j 02:15	0°♊		
asc. node	-291 Jun 05 j 01:20	3°♊38’02		
max. Earth dist.	-291 Jun 21 j 02:05	23°♊20’26	1.73400 AU	
superior conj	-291 Jun 23 j 21:11	26°♊47’06	0°42’35	
minimum elong	-291 Jun 23 j 13:43	26°♊24’06	0°42’16	
	-291 Jun 26 j 11:46	0°♋		
	-291 Jul 20 j 18:24	0°♌		
evening rise	-291 Jul 29 j 16:56	11°♌04’46		
	-291 Aug 13 j 22:57	0°♍		
	-291 Sep 07 j 02:59	0°♎		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

desc. node	-291 Sep 24 j 15:21	21°♎42’49	
	-291 Oct 01 j 07:59	0°♏	
	-291 Oct 25 j 15:19	0°♐	
	-291 Nov 19 j 03:13	0°♑	
	-291 Dec 14 j 01:15	0°♒	
	-290 Jan 08 j 22:57	0°♓	
asc. node	-290 Jan 15 j 17:55	7°♓31’12	
evening max el	-290 Feb 01 j 11:19	25°♓05’05	46°18’39
	-290 Feb 06 j 11:56	0°♈	
greatest brilliancy	-290 Mar 08 j 09:55	22°♈54’40	-4.5m
retrograde	-290 Mar 23 j 04:30	26°♈46’45	
evening set	-290 Apr 08 j 11:02	21°♈36’51	
inferior conj	-290 Apr 13 j 13:11	18°♈28’45	5°10’19
minimum elong	-290 Apr 13 j 22:15	18°♈14’24	5°08’14
min. Earth dist.	-290 Apr 13 j 17:25	18°♈22’02	0.28965 AU
morning rise	-290 Apr 19 j 09:44	14°♈54’55	
direct	-290 May 05 j 02:42	10°♈10’01	
desc. node	-290 May 07 j 07:50	10°♈15’42	
greatest brilliancy	-290 May 18 j 00:13	13°♈06’29	-4.5m
	-290 Jun 11 j 23:15	0°♉	
morning max el	-290 Jun 22 j 22:34	9°♉58’45	45°46’12
	-290 Jul 12 j 16:58	0°♊	
	-290 Aug 08 j 18:24	0°♋	
asc. node	-290 Aug 28 j 10:52	23°♋01’11	
	-290 Sep 03 j 07:12	0°♌	
	-290 Sep 27 j 23:09	0°♍	
	-290 Oct 22 j 03:07	0°♎	
	-290 Nov 15 j 01:30	0°♏	
	-290 Dec 08 j 22:25	0°♐	
desc. node	-290 Dec 18 j 00:45	11°♐25’38	
morning set	-290 Dec 22 j 23:10	17°♐37’11	
	-289 Jan 01 j 20:07	0°♑	
	-289 Jan 25 j 19:39	0°♒	
superior conj	-289 Feb 02 j 11:21	9°♒32’54	-1°-21’-59
minimum elong	-289 Feb 02 j 05:16	9°♒13’58	1°21’55
max. Earth dist.	-289 Feb 06 j 15:29	14°♒44’54	1.72056 AU
	-289 Feb 18 j 21:45	0°♓	
evening rise	-289 Mar 13 j 23:07	28°♓33’04	
	-289 Mar 15 j 03:17	0°♈	
	-289 Apr 08 j 12:58	0°♉	
asc. node	-289 Apr 10 j 03:46	1°♉58’45	
	-289 May 03 j 03:22	0°♊	
	-289 May 27 j 23:17	0°♋	
	-289 Jun 22 j 02:43	0°♌	
	-289 Jul 17 j 18:16	0°♍	
desc. node	-289 Jul 30 j 17:23	14°♍48’37	
	-289 Aug 13 j 08:07	0°♎	
evening max el	-289 Sep 08 j 08:24	27°♎17’41	46°54’30
	-289 Sep 11 j 02:54	0°♏	
greatest brilliancy	-289 Oct 17 j 10:14	27°♏06’55	-4.7m
retrograde	-289 Oct 28 j 12:51	29°♏24’18	
evening set	-289 Nov 11 j 23:13	25°♏17’10	
inferior conj	-289 Nov 18 j 00:59	21°♏43’51	0°-43’-43
minimum elong	-289 Nov 18 j 02:39	21°♏41’19	0°43’11
min. Earth dist.	-289 Nov 17 j 22:09	21°♏48’12	0.26335 AU
asc. node	-289 Nov 20 j 20:13	20°♏02’18	
morning rise	-289 Nov 24 j 06:12	18°♏06’47	
direct	-289 Dec 08 j 08:40	14°♏09’11	
greatest brilliancy	-289 Dec 20 j 03:27	16°♏45’29	-4.7m
	-288 Jan 09 j 09:55	0°♐	
morning max el	-288 Jan 27 j 14:49	16°♐50’26	46°41’36
	-288 Feb 09 j 08:07	0°♑	
	-288 Mar 07 j 10:49	0°♒	
desc. node	-288 Mar 11 j 10:28	4°♒32’46	
	-288 Apr 02 j 09:45	0°♓	
	-288 Apr 27 j 19:58	0°♈	
	-288 May 22 j 22:22	0°♉	
	-288 Jun 16 j 18:09	0°♊	
asc. node	-288 Jul 02 j 13:08	19°♊15’42	
	-288 Jul 11 j 07:17	0°♋	
morning set	-288 Jul 25 j 04:20	17°♋06’32	
	-288 Aug 04 j 14:01	0°♌	
max. Earth dist.	-288 Aug 27 j 12:59	28°♌36’21	1.71951 AU
	-288 Aug 28 j 15:45	0°♍	
superior conj	-288 Aug 31 j 04:00	3°♍08’19	1°24’04
minimum elong	-288 Aug 31 j 06:07	3°♍14’57	1°24’04
	-288 Sep 21 j 14:37	0°♎	
evening rise	-288 Oct 09 j 02:07	21°♎55’32	
	-288 Oct 15 j 12:37	0°♏	
desc. node	-288 Oct 22 j 03:17	8°♏17’30	
	-288 Nov 08 j 11:09	0°♐	
	-288 Dec 02 j 11:20	0°♑	
	-288 Dec 26 j 15:03	0°♒	
	-287 Jan 20 j 01:55	0°♓	
asc. node	-287 Feb 12 j 05:53	27°♓48’54	
	-287 Feb 14 j 02:16	0°♈	
	-287 Mar 12 j 03:36	0°♉	
	-287 Apr 09 j 10:46	0°♊	
evening max el	-287 Apr 13 j 03:43	3°♊36’33	45°20’40
greatest brilliancy	-287 May 17 j 17:33	29°♊51’44	-4.5m
	-287 May 18 j 00:54	0°♋	
retrograde	-287 May 31 j 14:50	3°♋13’54	
desc. node	-287 Jun 03 j 19:49	3°♋01’50	
	-287 Jun 13 j 13:16	30°♊	
evening set	-287 Jun 15 j 21:02	28°♊48’24	
inferior conj	-287 Jun 22 j 02:18	25°♊06’39	-4°-6’-45
minimum elong	-287 Jun 21 j 18:07	25°♊19’23	4°04’39
min. Earth dist.	-287 Jun 22 j 06:16	25°♊00’29	0.28852 AU
morning rise	-287 Jun 27 j 14:45	21°♊46’39	
direct	-287 Jul 13 j 17:34	16°♊50’13	
greatest brilliancy	-287 Jul 28 j 02:25	20°♊24’59	-4.5m
	-287 Aug 12 j 06:08	0°♋	
morning max el	-287 Sep 01 j 05:23	17°♋42’27	46°16’16
	-287 Sep 13 j 05:42	0°♌	
asc. node	-287 Sep 24 j 22:47	12°♌44’08	
	-287 Oct 10 j 02:13	0°♍	
	-287 Nov 04 j 06:56	0°♎	
	-287 Nov 28 j 18:37	0°♏	
	-287 Dec 22 j 23:42	0°♐	
desc. node	-286 Jan 14 j 12:40	28°♐00’10	
	-286 Jan 16 j 03:16	0°♑	
	-286 Feb 09 j 07:31	0°♒	
	-286 Mar 05 j 13:19	0°♓	
morning set	-286 Mar 08 j 11:01	3°♓35’18	
	-286 Mar 29 j 20:55	0°♈	
superior conj	-286 Apr 15 j 04:59	20°♈06’24	0°-49’-44
minimum elong	-286 Apr 15 j 13:45	20°♈33’18	0°49’25
max. Earth dist.	-286 Apr 16 j 09:31	21°♈34’04	1.73457 AU
	-286 Apr 23 j 06:12	0°♉	
asc. node	-286 May 07 j 15:32	17°♉40’16	
	-286 May 17 j 16:39	0°♊	
evening rise	-286 May 21 j 21:05	5°♊07’55	
	-286 Jun 11 j 03:48	0°♋	
	-286 Jul 05 j 15:48	0°♌	
	-286 Jul 30 j 05:44	0°♍	
	-286 Aug 23 j 23:32	0°♎	
desc. node	-286 Aug 27 j 05:31	3°♎55’08	
	-286 Sep 17 j 23:58	0°♏	
	-286 Oct 13 j 12:35	0°♐	
	-286 Nov 09 j 05:18	0°♑	
evening max el	-286 Nov 19 j 16:37	11°♑01’08	47°22’47

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-286 Dec 09 j 22:47	0°♒		
asc. node	-286 Dec 18 j 08:08	6°♒21’56		
greatest brilliancy	-286 Dec 27 j 09:47	11°♒39’45	-4.7m	
retrograde	-285 Jan 09 j 19:05	15°♒01’41		
evening set	-285 Jan 26 j 22:28	9°♒14’31		
min. Earth dist.	-285 Jan 29 j 20:44	7°♒25’58	0.27738 AU	
inferior conj	-285 Jan 30 j 18:16	6°♒52’05	8°15’14	
minimum elong	-285 Jan 30 j 12:18	7°♒01’29	8°14’41	
morning rise	-285 Feb 03 j 02:24	4°♒47’43		
	-285 Feb 13 j 05:48	30°♑		
direct	-285 Feb 20 j 11:51	28°♑55’15		
	-285 Feb 28 j 01:13	0°♒		
greatest brilliancy	-285 Mar 03 j 05:56	1°♒02’39	-4.6m	
desc. node	-285 Apr 08 j 22:10	27°♒49’43		
morning max el	-285 Apr 10 j 15:55	29°♒29’36	46°00’23	
	-285 Apr 11 j 04:31	0°♓		
	-285 May 10 j 01:57	0°♈		
	-285 Jun 05 j 19:40	0°♉		
	-285 Jul 01 j 13:20	0°♊		
	-285 Jul 26 j 14:57	0°♋		
asc. node	-285 Jul 31 j 01:01	5°♋21’29		
	-285 Aug 20 j 04:07	0°♌		
	-285 Sep 13 j 08:00	0°♍		
greatest brilliancy	-285 Sep 17 j 19:13	5°♍35’13	-3.9m	
morning set	-285 Oct 05 j 03:06	27°♍19’33		
	-285 Oct 07 j 06:09	0°♎		
	-285 Oct 31 j 01:53	0°♏		
superior conj	-285 Nov 14 j 10:30	18°♏05’20	0°12’19	
minimum elong	-285 Nov 14 j 13:46	18°♏15’38	0°12’09	
behind sun begin	-285 Nov 13 j 19:46	17°♏18’56		
behind sun end	-285 Nov 15 j 07:46	19°♏12’20		
max. Earth dist.	-285 Nov 15 j 16:45	19°♏40’38	1.71005 AU	
desc. node	-285 Nov 19 j 15:02	24°♏37’27		
	-285 Nov 23 j 21:31	0°♐		
	-285 Dec 17 j 18:23	0°♑		
evening rise	-285 Dec 26 j 08:56	10°♑47’32		
	-284 Jan 10 j 17:29	0°♒		
	-284 Feb 03 j 20:17	0°♓		
	-284 Feb 28 j 05:02	0°♈		
asc. node	-284 Mar 11 j 17:55	15°♈16’08		
	-284 Mar 23 j 22:43	0°♉		
	-284 Apr 18 j 05:17	0°♊		
	-284 May 14 j 08:05	0°♋		
	-284 Jun 11 j 02:09	0°♌		
evening max el	-284 Jun 23 j 10:42	12°♌17’12	45°37’36	
desc. node	-284 Jul 01 j 07:41	19°♌33’51		
	-284 Jul 14 j 00:28	0°♍		
greatest brilliancy	-284 Jul 31 j 06:46	9°♍58’20	-4.5m	
retrograde	-284 Aug 11 j 08:39	12°♍09’20		
evening set	-284 Aug 29 j 07:54	6°♍09’12		
inferior conj	-284 Sep 01 j 08:15	4°♍19’53	-8°-46’-8	
minimum elong	-284 Sep 01 j 10:52	4°♍15’53	8°46’04	
min. Earth dist.	-284 Sep 02 j 01:00	3°♍54’18	0.27742 AU	
morning rise	-284 Sep 04 j 13:40	2°♍22’50		
	-284 Sep 08 j 20:42	30°♌		
direct	-284 Sep 22 j 10:49	26°♌21’25		
greatest brilliancy	-284 Oct 06 j 12:56	29°♌58’48	-4.6m	
	-284 Oct 06 j 13:56	0°♍		
asc. node	-284 Oct 22 j 10:22	10°♍27’48		
morning max el	-284 Nov 12 j 05:14	29°♍45’10	46°52’56	
	-284 Nov 12 j 11:02	0°♎		
	-284 Dec 09 j 21:04	0°♏		
	-283 Jan 04 j 11:36	0°♐		
	-283 Jan 29 j 11:06	0°♑		
desc. node	-283 Feb 11 j 00:36	15°♑12’46		
	-283 Feb 23 j 04:56	0°♒		
	-283 Mar 19 j 20:35	0°♓		
	-283 Apr 13 j 11:14	0°♈		
	-283 May 08 j 00:56	0°♉		
morning set	-283 May 16 j 09:57	10°♉14’31		
	-283 Jun 01 j 12:58	0°♊		
asc. node	-283 Jun 04 j 03:23	3°♊11’29		
max. Earth dist.	-283 Jun 18 j 22:48	21°♊23’38	1.73429 AU	
superior conj	-283 Jun 21 j 15:42	24°♊43’23	0°39’52	
minimum elong	-283 Jun 21 j 08:35	24°♊21’29	0°39’34	
	-283 Jun 25 j 22:28	0°♋		
	-283 Jul 20 j 05:10	0°♌		
evening rise	-283 Jul 27 j 10:42	8°♌57’25		
	-283 Aug 13 j 09:56	0°♍		
	-283 Sep 06 j 14:14	0°♎		
desc. node	-283 Sep 23 j 17:25	21°♎13’31		
	-283 Sep 30 j 19:36	0°♏		
	-283 Oct 25 j 03:23	0°♐		
	-283 Nov 18 j 15:55	0°♑		
	-283 Dec 13 j 15:02	0°♒		
	-282 Jan 08 j 15:09	0°♓		
asc. node	-282 Jan 14 j 20:03	6°♓49’58		
evening max el	-282 Jan 30 j 02:55	22°♓50’47	46°21’12	
	-282 Feb 06 j 11:56	0°♈		
greatest brilliancy	-282 Mar 06 j 04:36	20°♈47’52	-4.5m	
retrograde	-282 Mar 20 j 21:01	24°♈37’33		
evening set	-282 Apr 06 j 06:16	19°♈24’13		
inferior conj	-282 Apr 11 j 05:47	16°♈19’34	5°25’45	
minimum elong	-282 Apr 11 j 15:01	16°♈04’56	5°23’41	
min. Earth dist.	-282 Apr 11 j 09:37	16°♈13’30	0.28951 AU	
morning rise	-282 Apr 17 j 00:03	12°♈48’37		
direct	-282 May 02 j 19:11	8°♈01’20		
desc. node	-282 May 06 j 09:51	8°♈16’14		
greatest brilliancy	-282 May 15 j 13:34	10°♈54’25	-4.5m	
	-282 Jun 12 j 02:33	0°♉		
morning max el	-282 Jun 20 j 13:54	7°♉47’58	45°45’47	
	-282 Jul 12 j 09:41	0°♊		
	-282 Aug 08 j 08:05	0°♋		
asc. node	-282 Aug 27 j 13:00	22°♋30’07		
	-282 Sep 02 j 19:34	0°♌		
	-282 Sep 27 j 10:52	0°♍		
	-282 Oct 21 j 14:31	0°♎		
	-282 Nov 14 j 12:43	0°♏		
	-282 Dec 08 j 09:31	0°♐		
desc. node	-282 Dec 17 j 02:52	10°♐57’39		
morning set	-282 Dec 20 j 08:58	15°♐02’48		
	-281 Jan 01 j 07:04	0°♑		
	-281 Jan 25 j 06:28	0°♒		
superior conj	-281 Jan 30 j 23:24	7°♒07’08	-1°-20’-53	
minimum elong	-281 Jan 30 j 16:28	6°♒45’34	1°20’47	
max. Earth dist.	-281 Feb 04 j 06:09	12°♒27’25	1.71996 AU	
	-281 Feb 18 j 08:31	0°♓		
evening rise	-281 Mar 11 j 13:45	26°♓16’51		
	-281 Mar 14 j 14:02	0°♈		
	-281 Apr 07 j 23:50	0°♉		
asc. node	-281 Apr 09 j 05:44	1°♉31’33		
	-281 May 02 j 14:28	0°♊		
	-281 May 27 j 10:51	0°♋		
	-281 Jun 21 j 15:09	0°♌		
	-281 Jul 17 j 08:12	0°♍		
desc. node	-281 Jul 29 j 19:35	14°♍12’12		
	-281 Aug 13 j 01:05	0°♎		
evening max el	-281 Sep 05 j 20:30	24°♎51’13	46°51’55	
	-281 Sep 11 j 04:22	0°♏		
greatest brilliancy	-281 Oct 15 j 01:00	24°♏40’16	-4.7m	
retrograde	-281 Oct 26 j 00:11	26°♏54’35		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

evening set	-281 Nov 09 j 12:32	22°♏45’58		
inferior conj	-281 Nov 15 j 13:01	19°♏14’50	-1°-8’-19	
minimum elong	-281 Nov 15 j 15:37	19°♏10’53	1°07’30	
min. Earth dist.	-281 Nov 15 j 12:13	19°♏16’04	0.26339 AU	
asc. node	-281 Nov 19 j 22:18	16°♏37’56		
morning rise	-281 Nov 21 j 18:38	15°♏37’02		
direct	-281 Dec 05 j 20:13	11°♏39’47		
greatest brilliancy	-281 Dec 17 j 18:56	14°♏19’43	-4.7m	
	-280 Jan 09 j 19:58	0°♐		
morning max el	-280 Jan 25 j 03:04	14°♐23’12	46°43’03	
	-280 Feb 09 j 02:56	0°♑		
	-280 Mar 07 j 01:35	0°♒		
desc. node	-280 Mar 10 j 12:30	3°♒57’21		
	-280 Apr 01 j 22:40	0°♓		
	-280 Apr 27 j 07:51	0°♈		
	-280 May 22 j 09:38	0°♉		
	-280 Jun 16 j 05:04	0°♊		
asc. node	-280 Jul 01 j 15:18	18°♊49’21		
	-280 Jul 10 j 18:00	0°♋		
morning set	-280 Jul 22 j 21:34	14°♋58’25		
	-280 Aug 04 j 00:41	0°♌		
max. Earth dist.	-280 Aug 25 j 05:05	26°♌23’13	1.72008 AU	
	-280 Aug 28 j 02:27	0°♍		
superior conj	-280 Aug 28 j 19:42	0°♍53’53	1°24’21	
minimum elong	-280 Aug 28 j 21:03	0°♍58’06	1°24’22	
	-280 Sep 21 j 01:26	0°♎		
evening rise	-280 Oct 06 j 14:03	19°♎28’18		
	-280 Oct 14 j 23:35	0°♏		
desc. node	-280 Oct 21 j 05:16	7°♏49’08		
	-280 Nov 07 j 22:18	0°♐		
	-280 Dec 01 j 22:42	0°♑		
	-280 Dec 26 j 02:42	0°♒		
	-279 Jan 19 j 14:02	0°♓		
asc. node	-279 Feb 11 j 08:01	27°♓17’02		
	-279 Feb 13 j 15:16	0°♈		
	-279 Mar 11 j 18:37	0°♉		
	-279 Apr 09 j 07:38	0°♊		
evening max el	-279 Apr 10 j 18:54	1°♊25’13	45°21’39	
greatest brilliancy	-279 May 15 j 06:25	27°♊39’43	-4.5m	
	-279 May 21 j 13:55	0°♋		
retrograde	-279 May 29 j 07:17	1°♋06’02		
desc. node	-279 Jun 02 j 21:54	0°♋40’54		
	-279 Jun 05 j 18:26	30°♊		
evening set	-279 Jun 13 j 11:50	26°♊41’38		
inferior conj	-279 Jun 19 j 18:30	22°♊58’01	-3°-49’-2	
minimum elong	-279 Jun 19 j 10:46	23°♊10’02	3°47’00	
min. Earth dist.	-279 Jun 19 j 22:21	22°♊52’02	0.28873 AU	
morning rise	-279 Jun 25 j 09:18	19°♊34’55		
direct	-279 Jul 11 j 09:51	14°♊41’03		
greatest brilliancy	-279 Jul 25 j 19:50	18°♊17’14	-4.5m	
	-279 Aug 12 j 16:31	0°♋		
morning max el	-279 Aug 29 j 21:26	15°♋30’30	46°14’49	
	-279 Sep 12 j 23:47	0°♌		
asc. node	-279 Sep 24 j 00:44	12°♌04’46		
	-279 Oct 09 j 16:39	0°♍		
	-279 Nov 03 j 19:52	0°♎		
	-279 Nov 28 j 06:46	0°♏		
	-279 Dec 22 j 11:22	0°♐		
desc. node	-278 Jan 13 j 14:47	27°♐31’26		
	-278 Jan 15 j 14:37	0°♑		
	-278 Feb 08 j 18:38	0°♒		
	-278 Mar 05 j 00:12	0°♓		
morning set	-278 Mar 06 j 01:23	1°♓17’50		
	-278 Mar 29 j 07:38	0°♈		
superior conj	-278 Apr 12 j 22:04	17°♈58’36	0°-52’-21	
minimum elong	-278 Apr 13 j 07:05	18°♈26’20	0°52’01	
max. Earth dist.	-278 Apr 14 j 05:31	19°♈35’18	1.73426 AU	
	-278 Apr 22 j 16:49	0°♉		
asc. node	-278 May 06 j 17:38	17°♉14’09		
	-278 May 17 j 03:17	0°♊		
evening rise	-278 May 19 j 16:05	3°♊06’24		
	-278 Jun 10 j 14:36	0°♋		
	-278 Jul 05 j 02:55	0°♌		
	-278 Jul 29 j 17:20	0°♍		
	-278 Aug 23 j 11:51	0°♎		
desc. node	-278 Aug 26 j 07:30	3°♎23’39		
	-278 Sep 17 j 13:23	0°♏		
	-278 Oct 13 j 03:52	0°♐		
	-278 Nov 09 j 00:45	0°♑		
evening max el	-278 Nov 17 j 07:58	8°♑41’04	47°23’38	
	-278 Dec 10 j 12:08	0°♒		
asc. node	-278 Dec 17 j 10:18	4°♒59’34		
greatest brilliancy	-278 Dec 25 j 01:03	9°♒18’34	-4.7m	
retrograde	-277 Jan 07 j 10:29	12°♒40’21		
evening set	-277 Jan 24 j 09:49	6°♒58’05		
min. Earth dist.	-277 Jan 27 j 10:01	5°♒06’49	0.27672 AU	
inferior conj	-277 Jan 28 j 08:37	4°♒31’19	8°08’32	
minimum elong	-277 Jan 28 j 02:00	4°♒41’43	8°07’49	
morning rise	-277 Jan 31 j 18:32	2°♒24’39		
	-277 Feb 05 j 02:20	30°♑		
direct	-277 Feb 18 j 02:00	26°♑35’35		
greatest brilliancy	-277 Feb 28 j 18:27	28°♑42’14	-4.6m	
	-277 Mar 03 j 20:43	0°♒		
morning max el	-277 Apr 08 j 07:22	27°♒16’09	46°01’38	
desc. node	-277 Apr 08 j 00:09	26°♒58’46		
	-277 Apr 11 j 02:42	0°♓		
	-277 May 09 j 17:37	0°♈		
	-277 Jun 05 j 08:54	0°♉		
	-277 Jul 01 j 01:23	0°♊		
	-277 Jul 26 j 02:23	0°♋		
asc. node	-277 Jul 30 j 03:10	4°♋53’33		
	-277 Aug 19 j 15:14	0°♌		
	-277 Sep 12 j 18:59	0°♍		
greatest brilliancy	-277 Sep 19 j 14:29	8°♍31’21	-3.9m	
morning set	-277 Oct 02 j 16:25	24°♍56’07		
	-277 Oct 06 j 17:07	0°♎		
	-277 Oct 30 j 12:52	0°♏		
superior conj	-277 Nov 11 j 20:16	15°♏30’16	0°16’15	
minimum elong	-277 Nov 12 j 00:33	15°♏43’43	0°16’03	
behind sun begin	-277 Nov 11 j 19:23	15°♏27’29		
behind sun end	-277 Nov 12 j 05:42	15°♏59’57		
max. Earth dist.	-277 Nov 13 j 00:11	16°♏58’09	1.71003 AU	
desc. node	-277 Nov 18 j 17:10	24°♏09’27		
	-277 Nov 23 j 08:33	0°♐		
	-277 Dec 17 j 05:27	0°♑		
evening rise	-277 Dec 23 j 18:40	8°♑13’00		
	-276 Jan 10 j 04:35	0°♒		
	-276 Feb 03 j 07:29	0°♓		
	-276 Feb 27 j 16:29	0°♈		
asc. node	-276 Mar 10 j 19:53	14°♈46’49		
	-276 Mar 23 j 10:38	0°♉		
	-276 Apr 17 j 18:08	0°♊		
	-276 May 13 j 22:47	0°♋		
	-276 Jun 10 j 21:27	0°♌		
evening max el	-276 Jun 21 j 01:28	10°♌02’43	45°35’43	
desc. node	-276 Jun 30 j 09:52	18°♌37’21		
	-276 Jul 14 j 19:05	0°♍		
greatest brilliancy	-276 Jul 28 j 18:43	7°♍38’50	-4.5m	
retrograde	-276 Aug 08 j 21:49	9°♍50’34		
evening set	-276 Aug 26 j 21:43	3°♍50’17		
inferior conj	-276 Aug 29 j 22:09	2°♍00’34	-8°-47’-53	

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

minimum elong	-276 Aug 29 j 23:52	1°♍57’55	8°47’51	
min. Earth dist.	-276 Aug 30 j 14:13	1°♍35’56	0.27801 AU	
morning rise	-276 Sep 02 j 01:51	0°♍05’44		
	-276 Sep 02 j 05:43	30°♌		
direct	-276 Sep 20 j 01:36	24°♌01’23		
greatest brilliancy	-276 Oct 04 j 03:18	27°♌37’39	-4.6m	
	-276 Oct 08 j 13:13	0°♍		
asc. node	-276 Oct 21 j 12:32	9°♍18’57		
morning max el	-276 Nov 09 j 18:47	27°♍20’09	46°52’07	
	-276 Nov 12 j 08:52	0°♎		
	-276 Dec 09 j 13:15	0°♏		
	-275 Jan 04 j 01:34	0°♐		
	-275 Jan 28 j 23:53	0°♑		
desc. node	-275 Feb 10 j 02:39	14°♑41’30		
	-275 Feb 22 j 16:57	0°♒		
	-275 Mar 19 j 08:05	0°♓		
	-275 Apr 12 j 22:22	0°♈		
	-275 May 07 j 11:51	0°♉		
morning set	-275 May 14 j 04:17	8°♉10’32		
	-275 May 31 j 23:47	0°♊		
asc. node	-275 Jun 03 j 05:33	2°♊44’59		
max. Earth dist.	-275 Jun 16 j 18:12	19°♊22’29	1.73455 AU	
superior conj	-275 Jun 19 j 10:23	22°♊39’59	0°37’07	
minimum elong	-275 Jun 19 j 03:39	22°♊19’16	0°36’48	
	-275 Jun 25 j 09:15	0°♋		
	-275 Jul 19 j 16:01	0°♌		
evening rise	-275 Jul 25 j 04:47	6°♌50’57		
	-275 Aug 12 j 20:58	0°♍		
	-275 Sep 06 j 01:34	0°♎		
desc. node	-275 Sep 22 j 19:26	20°♎43’53		
	-275 Sep 30 j 07:20	0°♏		
	-275 Oct 24 j 15:37	0°♐		
	-275 Nov 18 j 04:52	0°♑		
	-275 Dec 13 j 05:12	0°♒		
	-274 Jan 08 j 07:58	0°♓		
asc. node	-274 Jan 13 j 22:09	6°♓07’20		
evening max el	-274 Jan 27 j 17:26	20°♓32’42	46°23’54	
	-274 Feb 06 j 13:35	0°♈		
greatest brilliancy	-274 Mar 03 j 22:46	18°♈39’11	-4.5m	
retrograde	-274 Mar 18 j 13:10	22°♈27’16		
evening set	-274 Apr 04 j 01:25	17°♈10’14		
inferior conj	-274 Apr 08 j 22:17	14°♈09’19	5°40’50	
minimum elong	-274 Apr 09 j 07:38	13°♈54’28	5°38’48	
min. Earth dist.	-274 Apr 09 j 01:55	14°♈03’32	0.28935 AU	
morning rise	-274 Apr 14 j 14:05	10°♈41’25		
direct	-274 Apr 30 j 10:59	5°♈51’23		
desc. node	-274 May 05 j 12:03	6°♈20’03		
greatest brilliancy	-274 May 13 j 03:35	8°♈42’03	-4.5m	
	-274 Jun 12 j 04:41	0°♉		
morning max el	-274 Jun 18 j 04:44	5°♉35’05	45°45’32	
	-274 Jul 12 j 02:21	0°♊		
	-274 Aug 07 j 21:52	0°♋		
asc. node	-274 Aug 26 j 14:57	21°♋57’59		
	-274 Sep 02 j 08:04	0°♌		
	-274 Sep 26 j 22:43	0°♍		
	-274 Oct 21 j 02:04	0°♎		
	-274 Nov 14 j 00:07	0°♏		
	-274 Dec 07 j 20:49	0°♐		
desc. node	-274 Dec 16 j 05:00	10°♐28’55		
morning set	-274 Dec 17 j 18:32	12°♐26’47		
	-274 Dec 31 j 18:17	0°♑		
	-273 Jan 24 j 17:37	0°♒		
superior conj	-273 Jan 28 j 10:54	4°♒38’38	-1°-19’-35	
minimum elong	-273 Jan 28 j 03:09	4°♒14’28	1°19’28	
max. Earth dist.	-273 Feb 01 j 17:16	9°♒57’47	1.71939 AU	
	-273 Feb 17 j 19:36	0°♓		
evening rise	-273 Mar 09 j 03:44	23°♓57’34		
	-273 Mar 14 j 01:08	0°♈		
	-273 Apr 07 j 11:01	0°♉		
asc. node	-273 Apr 08 j 07:51	1°♉03’44		
	-273 May 02 j 01:55	0°♊		
	-273 May 26 j 22:49	0°♋		
	-273 Jun 21 j 04:00	0°♌		
	-273 Jul 16 j 22:39	0°♍		
desc. node	-273 Jul 28 j 21:36	13°♍34’03		
	-273 Aug 12 j 18:45	0°♎		
evening max el	-273 Sep 03 j 08:24	22°♎23’48	46°49’30	
	-273 Sep 11 j 07:32	0°♏		
greatest brilliancy	-273 Oct 12 j 15:05	22°♏12’43	-4.7m	
retrograde	-273 Oct 23 j 12:00	24°♏25’09		
evening set	-273 Nov 07 j 02:12	20°♏14’21		
inferior conj	-273 Nov 13 j 01:14	16°♏45’47	-1°-32’-40	
minimum elong	-273 Nov 13 j 04:44	16°♏40’27	1°31’34	
min. Earth dist.	-273 Nov 13 j 02:14	16°♏44’15	0.26348 AU	
morning rise	-273 Nov 19 j 07:04	13°♏07’48		
asc. node	-273 Nov 19 j 00:26	13°♏16’37		
direct	-273 Dec 03 j 08:08	9°♏10’11		
greatest brilliancy	-273 Dec 15 j 10:38	11°♏54’05	-4.7m	
	-272 Jan 10 j 03:36	0°♐		
morning max el	-272 Jan 22 j 16:19	11°♐57’33	46°44’13	
	-272 Feb 08 j 21:37	0°♑		
	-272 Mar 06 j 16:35	0°♒		
desc. node	-272 Mar 09 j 14:29	3°♒20’47		
	-272 Apr 01 j 11:56	0°♓		
	-272 Apr 26 j 20:07	0°♈		
	-272 May 21 j 21:17	0°♉		
	-272 Jun 15 j 16:20	0°♊		
asc. node	-272 Jun 30 j 17:20	18°♊21’28		
	-272 Jul 10 j 05:04	0°♋		
morning set	-272 Jul 20 j 14:44	12°♋49’02		
	-272 Aug 03 j 11:43	0°♌		
max. Earth dist.	-272 Aug 22 j 21:28	24°♌09’56	1.72062 AU	
superior conj	-272 Aug 26 j 11:29	28°♌38’35	1°24’31	
minimum elong	-272 Aug 26 j 12:03	28°♌40’22	1°24’31	
	-272 Aug 27 j 13:32	0°♍		
	-272 Sep 20 j 12:37	0°♎		
evening rise	-272 Oct 04 j 02:19	17°♎01’01		
	-272 Oct 14 j 10:53	0°♏		
desc. node	-272 Oct 20 j 07:26	7°♏20’23		
	-272 Nov 07 j 09:44	0°♐		
	-272 Dec 01 j 10:21	0°♑		
	-272 Dec 25 j 14:40	0°♒		
	-271 Jan 19 j 02:31	0°♓		
asc. node	-271 Feb 10 j 09:58	26°♓43’25		
	-271 Feb 13 j 04:45	0°♈		
	-271 Mar 11 j 10:19	0°♉		
evening max el	-271 Apr 08 j 10:54	29°♉14’27	45°22’43	
	-271 Apr 09 j 05:54	0°♊		
greatest brilliancy	-271 May 12 j 19:53	25°♊27’00	-4.5m	
retrograde	-271 May 26 j 23:55	28°♊56’26		
desc. node	-271 Jun 02 j 00:01	28°♊13’34		
evening set	-271 Jun 11 j 02:46	24°♊33’11		
inferior conj	-271 Jun 17 j 10:36	20°♊47’45	-3°-30’-54	
minimum elong	-271 Jun 17 j 03:21	20°♊58’58	3°28’58	
min. Earth dist.	-271 Jun 17 j 14:09	20°♊42’14	0.28890 AU	
morning rise	-271 Jun 23 j 03:39	17°♊21’41		
direct	-271 Jul 09 j 02:28	12°♊30’27		
greatest brilliancy	-271 Jul 23 j 12:09	16°♊06’52	-4.5m	
	-271 Aug 13 j 00:42	0°♋		
morning max el	-271 Aug 27 j 13:50	13°♋18’22	46°13’20	
	-271 Sep 12 j 17:53	0°♌		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

asc. node	-271 Sep 23 j 02:53	11°♌25’08		
	-271 Oct 09 j 07:19	0°♍		
	-271 Nov 03 j 09:04	0°♎		
	-271 Nov 27 j 19:11	0°♏		
	-271 Dec 21 j 23:18	0°♐		
desc. node	-270 Jan 12 j 16:48	27°♐01’33		
	-270 Jan 15 j 02:13	0°♑		
	-270 Feb 08 j 05:58	0°♒		
morning set	-270 Mar 03 j 15:49	28°♒59’36		
	-270 Mar 04 j 11:21	0°♓		
	-270 Mar 28 j 18:39	0°♈		
superior conj	-270 Apr 10 j 14:59	15°♈49’14	0°-54’-53	
minimum elong	-270 Apr 11 j 00:12	16°♈17’36	0°54’33	
max. Earth dist.	-270 Apr 12 j 02:33	17°♈38’39	1.73399 AU	
	-270 Apr 22 j 03:46	0°♉		
asc. node	-270 May 05 j 19:48	16°♉47’03		
	-270 May 16 j 14:17	0°♊		
evening rise	-270 May 17 j 10:50	1°♊03’00		
	-270 Jun 10 j 01:46	0°♋		
	-270 Jul 04 j 14:24	0°♌		
	-270 Jul 29 j 05:20	0°♍		
	-270 Aug 23 j 00:35	0°♎		
desc. node	-270 Aug 25 j 09:32	2°♎51’09		
	-270 Sep 17 j 03:16	0°♏		
	-270 Oct 12 j 19:46	0°♐		
	-270 Nov 08 j 21:09	0°♑		
evening max el	-270 Nov 15 j 00:04	6°♑21’54	47°24’24	
	-270 Dec 11 j 06:25	0°♒		
asc. node	-270 Dec 16 j 12:22	3°♒33’34		
greatest brilliancy	-270 Dec 22 j 17:24	6°♒58’06	-4.7m	
retrograde	-269 Jan 05 j 02:01	10°♒18’14		
evening set	-269 Jan 21 j 21:09	4°♒41’28		
min. Earth dist.	-269 Jan 24 j 23:25	2°♒47’07	0.27600 AU	
inferior conj	-269 Jan 25 j 23:03	2°♒10’02	8°00’57	
minimum elong	-269 Jan 25 j 15:50	2°♒21’21	8°00’06	
morning rise	-269 Jan 29 j 10:55	0°♒00’38		
	-269 Jan 29 j 11:21	30°♑		
direct	-269 Feb 15 j 16:20	24°♑15’45		
greatest brilliancy	-269 Feb 26 j 06:05	26°♑20’25	-4.6m	
	-269 Mar 05 j 22:19	0°♒		
morning max el	-269 Apr 05 j 22:23	25°♒01’09	46°02’46	
desc. node	-269 Apr 07 j 02:22	26°♒08’55		
	-269 Apr 11 j 00:14	0°♓		
	-269 May 09 j 09:15	0°♈		
	-269 Jun 04 j 22:18	0°♉		
	-269 Jun 30 j 13:40	0°♊		
	-269 Jul 25 j 14:04	0°♋		
asc. node	-269 Jul 29 j 05:10	4°♋24’19		
	-269 Aug 19 j 02:37	0°♌		
	-269 Sep 12 j 06:13	0°♍		
greatest brilliancy	-269 Sep 20 j 17:02	10°♍34’33	-3.9m	
morning set	-269 Sep 30 j 05:44	22°♍32’03		
	-269 Oct 06 j 04:19	0°♎		
	-269 Oct 30 j 00:06	0°♏		
superior conj	-269 Nov 09 j 06:12	12°♏54’56	0°20’08	
minimum elong	-269 Nov 09 j 11:25	13°♏11’22	0°19’53	
max. Earth dist.	-269 Nov 10 j 05:03	14°♏06’56	1.71004 AU	
desc. node	-269 Nov 17 j 19:16	23°♏40’34		
	-269 Nov 22 j 19:50	0°♐		
	-269 Dec 16 j 16:46	0°♑		
evening rise	-269 Dec 21 j 04:23	5°♑37’31		
	-268 Jan 09 j 15:55	0°♒		
	-268 Feb 02 j 18:52	0°♓		
	-268 Feb 27 j 04:05	0°♈		
asc. node	-268 Mar 09 j 22:03	14°♈17’41		
	-268 Mar 22 j 22:42	0°♉		
	-268 Apr 17 j 07:10	0°♊		
	-268 May 13 j 13:49	0°♋		
	-268 Jun 10 j 17:33	0°♌		
evening max el	-268 Jun 18 j 15:41	7°♌46’18	45°33’45	
desc. node	-268 Jun 29 j 11:52	17°♌38’33		
	-268 Jul 15 j 20:43	0°♍		
greatest brilliancy	-268 Jul 26 j 07:27	5°♍19’42	-4.5m	
retrograde	-268 Aug 06 j 10:45	7°♍31’44		
evening set	-268 Aug 24 j 11:13	1°♍32’01		
	-268 Aug 27 j 00:01	30°♌		
inferior conj	-268 Aug 27 j 12:12	29°♌41’18	-8°-48’-38	
minimum elong	-268 Aug 27 j 13:02	29°♌40’02	8°48’38	
min. Earth dist.	-268 Aug 28 j 04:00	29°♌17’04	0.27860 AU	
morning rise	-268 Aug 30 j 14:41	27°♌48’01		
direct	-268 Sep 17 j 15:57	21°♌41’15		
greatest brilliancy	-268 Oct 01 j 18:20	25°♌17’10	-4.6m	
	-268 Oct 09 j 21:16	0°♍		
asc. node	-268 Oct 20 j 14:42	8°♍11’37		
morning max el	-268 Nov 07 j 07:45	24°♍53’16	46°51’17	
	-268 Nov 12 j 06:05	0°♎		
	-268 Dec 09 j 05:17	0°♏		
	-267 Jan 03 j 15:33	0°♐		
	-267 Jan 28 j 12:43	0°♑		
desc. node	-267 Feb 09 j 04:39	14°♑09’48		
	-267 Feb 22 j 05:02	0°♒		
	-267 Mar 18 j 19:37	0°♓		
	-267 Apr 12 j 09:33	0°♈		
	-267 May 06 j 22:48	0°♉		
morning set	-267 May 11 j 22:54	6°♉07’23		
	-267 May 31 j 10:36	0°♊		
asc. node	-267 Jun 02 j 07:35	2°♊18’03		
max. Earth dist.	-267 Jun 14 j 14:07	17°♊22’56	1.73486 AU	
superior conj	-267 Jun 17 j 05:20	20°♊37’21	0°34’19	
minimum elong	-267 Jun 16 j 23:00	20°♊17’53	0°34’02	
	-267 Jun 24 j 20:04	0°♋		
	-267 Jul 19 j 02:57	0°♌		
evening rise	-267 Jul 22 j 23:04	4°♌45’00		
	-267 Aug 12 j 08:06	0°♍		
	-267 Sep 05 j 13:01	0°♎		
desc. node	-267 Sep 21 j 21:36	20°♎14’27		
	-267 Sep 29 j 19:10	0°♏		
	-267 Oct 24 j 03:57	0°♐		
	-267 Nov 17 j 17:56	0°♑		
	-267 Dec 12 j 19:33	0°♒		
	-266 Jan 08 j 01:10	0°♓		
asc. node	-266 Jan 13 j 00:10	5°♓23’47		
evening max el	-266 Jan 25 j 07:32	18°♓13’19	46°26’38	
	-266 Feb 06 j 16:43	0°♈		
greatest brilliancy	-266 Mar 01 j 16:11	16°♈29’27	-4.6m	
retrograde	-266 Mar 16 j 05:31	20°♈17’22		
evening set	-266 Apr 01 j 20:39	14°♈56’21		
inferior conj	-266 Apr 06 j 14:52	11°♈59’25	5°55’20	
minimum elong	-266 Apr 07 j 00:18	11°♈44’27	5°53’22	
min. Earth dist.	-266 Apr 06 j 18:24	11°♈53’50	0.28916 AU	
morning rise	-266 Apr 12 j 04:07	8°♈34’58		
direct	-266 Apr 28 j 02:28	3°♈41’45		
desc. node	-266 May 04 j 14:03	4°♈28’27		
greatest brilliancy	-266 May 10 j 18:21	6°♈31’06	-4.5m	
	-266 Jun 12 j 05:15	0°♉		
morning max el	-266 Jun 15 j 20:02	3°♉23’49	45°45’24	
	-266 Jul 11 j 18:32	0°♊		
	-266 Aug 07 j 11:24	0°♋		
asc. node	-266 Aug 25 j 17:08	21°♋26’52		
	-266 Sep 01 j 20:27	0°♌		
	-266 Sep 26 j 10:32	0°♍		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-266 Oct 20 j 13:36	0°♎		
	-266 Nov 13 j 11:28	0°♏		
	-266 Dec 07 j 08:02	0°♐		
morning set	-266 Dec 15 j 03:58	9°♐50’30		
desc. node	-266 Dec 15 j 07:00	10°♐00’02		
	-266 Dec 31 j 05:25	0°♑		
	-265 Jan 24 j 04:40	0°♒		
superior conj	-265 Jan 25 j 22:14	2°♒09’46	-1°-18’-8	
minimum elong	-265 Jan 25 j 13:43	1°♒43’11	1°17’59	
max. Earth dist.	-265 Jan 30 j 01:47	7°♒20’21	1.71883 AU	
	-265 Feb 17 j 06:36	0°♓		
evening rise	-265 Mar 06 j 17:41	21°♓38’23		
	-265 Mar 13 j 12:08	0°♈		
	-265 Apr 06 j 22:05	0°♉		
asc. node	-265 Apr 07 j 10:01	0°♉36’30		
	-265 May 01 j 13:13	0°♊		
	-265 May 26 j 10:36	0°♋		
	-265 Jun 20 j 16:41	0°♌		
	-265 Jul 16 j 13:00	0°♍		
desc. node	-265 Jul 27 j 23:37	12°♍56’13		
	-265 Aug 12 j 12:36	0°♎		
evening max el	-265 Aug 31 j 20:58	19°♎58’40	46°46’52	
	-265 Sep 11 j 12:17	0°♏		
greatest brilliancy	-265 Oct 10 j 04:07	19°♏43’56	-4.7m	
retrograde	-265 Oct 21 j 00:05	21°♏55’28		
evening set	-265 Nov 04 j 15:52	17°♏42’03		
inferior conj	-265 Nov 10 j 13:11	14°♏16’13	-1°-57’-1	
minimum elong	-265 Nov 10 j 17:35	14°♏09’32	1°55’37	
min. Earth dist.	-265 Nov 10 j 15:46	14°♏12’18	0.26363 AU	
morning rise	-265 Nov 16 j 19:05	10°♏38’36		
asc. node	-265 Nov 18 j 02:28	9°♏58’27		
direct	-265 Nov 30 j 20:24	6°♏40’06		
greatest brilliancy	-265 Dec 13 j 01:42	9°♏27’34	-4.7m	
	-264 Jan 10 j 08:57	0°♐		
morning max el	-264 Jan 20 j 06:24	9°♐34’13	46°45’25	
	-264 Feb 08 j 15:43	0°♑		
	-264 Mar 06 j 07:12	0°♒		
desc. node	-264 Mar 08 j 16:43	2°♒45’44		
	-264 Apr 01 j 00:53	0°♓		
	-264 Apr 26 j 08:07	0°♈		
	-264 May 21 j 08:40	0°♉		
	-264 Jun 15 j 03:19	0°♊		
asc. node	-264 Jun 29 j 19:25	17°♊54’36		
	-264 Jul 09 j 15:51	0°♋		
morning set	-264 Jul 18 j 08:24	10°♋42’16		
	-264 Aug 02 j 22:25	0°♌		
max. Earth dist.	-264 Aug 20 j 14:06	21°♌58’27	1.72117 AU	
superior conj	-264 Aug 24 j 03:42	26°♌25’41	1°24’32	
minimum elong	-264 Aug 24 j 03:30	26°♌25’02	1°24’32	
	-264 Aug 27 j 00:19	0°♍		
	-264 Sep 19 j 23:31	0°♎		
evening rise	-264 Oct 01 j 14:49	14°♎35’18		
	-264 Oct 13 j 21:58	0°♏		
desc. node	-264 Oct 19 j 09:31	6°♏52’01		
	-264 Nov 06 j 21:01	0°♐		
	-264 Nov 30 j 21:52	0°♑		
	-264 Dec 25 j 02:30	0°♒		
	-263 Jan 18 j 14:52	0°♓		
asc. node	-263 Feb 09 j 12:09	26°♓10’59		
	-263 Feb 12 j 18:07	0°♈		
	-263 Mar 11 j 02:00	0°♉		
evening max el	-263 Apr 06 j 03:39	27°♉06’18	45°23’54	
	-263 Apr 09 j 04:45	0°♊		
greatest brilliancy	-263 May 10 j 10:39	23°♊16’59	-4.5m	
retrograde	-263 May 24 j 16:32	26°♊47’54		
desc. node	-263 Jun 01 j 02:02	25°♊42’51		
evening set	-263 Jun 08 j 18:02	22°♊25’57		
inferior conj	-263 Jun 15 j 02:47	18°♊38’47	-3°-12’-30	
minimum elong	-263 Jun 14 j 20:05	18°♊49’11	3°10’42	
min. Earth dist.	-263 Jun 15 j 06:02	18°♊33’43	0.28901 AU	
morning rise	-263 Jun 20 j 21:57	15°♊09’48		
direct	-263 Jul 06 j 19:20	10°♊21’27		
greatest brilliancy	-263 Jul 21 j 03:09	13°♊56’14	-4.5m	
	-263 Aug 13 j 05:58	0°♋		
morning max el	-263 Aug 25 j 06:00	11°♋07’14	46°11’54	
	-263 Sep 12 j 11:05	0°♌		
asc. node	-263 Sep 22 j 05:03	10°♌47’18		
	-263 Oct 08 j 21:23	0°♍		
	-263 Nov 02 j 21:48	0°♎		
	-263 Nov 27 j 07:15	0°♏		
	-263 Dec 21 j 10:58	0°♐		
desc. node	-262 Jan 11 j 18:54	26°♐32’38		
	-262 Jan 14 j 13:35	0°♑		
	-262 Feb 07 j 17:06	0°♒		
morning set	-262 Mar 01 j 05:41	26°♒40’15		
	-262 Mar 03 j 22:16	0°♓		
	-262 Mar 28 j 05:24	0°♈		
superior conj	-262 Apr 08 j 07:29	13°♈39’19	0°-57’-22	
minimum elong	-262 Apr 08 j 16:51	14°♈08’10	0°57’04	
max. Earth dist.	-262 Apr 10 j 00:25	15°♈45’16	1.73366 AU	
	-262 Apr 21 j 14:27	0°♉		
asc. node	-262 May 04 j 21:47	16°♉20’18		
evening rise	-262 May 15 j 05:21	28°♉59’43		
	-262 May 16 j 01:01	0°♊		
	-262 Jun 09 j 12:40	0°♋		
	-262 Jul 04 j 01:36	0°♌		
	-262 Jul 28 j 16:59	0°♍		
	-262 Aug 22 j 12:58	0°♎		
desc. node	-262 Aug 24 j 11:44	2°♎20’24		
	-262 Sep 16 j 16:49	0°♏		
	-262 Oct 12 j 11:26	0°♐		
	-262 Nov 08 j 17:48	0°♑		
evening max el	-262 Nov 12 j 15:41	4°♑02’26	47°24’41	
	-262 Dec 12 j 06:54	0°♒		
asc. node	-262 Dec 15 j 14:24	2°♒04’47		
greatest brilliancy	-262 Dec 20 j 10:17	4°♒38’16	-4.7m	
retrograde	-261 Jan 02 j 16:51	7°♒55’19		
evening set	-261 Jan 19 j 07:58	2°♒24’38		
min. Earth dist.	-261 Jan 22 j 12:57	0°♒26’11	0.27531 AU	
	-261 Jan 23 j 05:37	30°♑		
inferior conj	-261 Jan 23 j 13:08	29°♑48’11	7°52’18	
minimum elong	-261 Jan 23 j 05:21	0°♒00’25	7°51’18	
morning rise	-261 Jan 27 j 03:11	27°♑35’31		
direct	-261 Feb 13 j 06:08	21°♑55’20		
greatest brilliancy	-261 Feb 23 j 18:00	23°♑58’17	-4.6m	
	-261 Mar 07 j 07:28	0°♒		
morning max el	-261 Apr 03 j 12:15	22°♒43’25	46°03’58	
desc. node	-261 Apr 06 j 04:24	25°♒19’46		
	-261 Apr 10 j 20:53	0°♓		
	-261 May 09 j 00:27	0°♈		
	-261 Jun 04 j 11:20	0°♉		
	-261 Jun 30 j 01:38	0°♊		
	-261 Jul 25 j 01:27	0°♋		
asc. node	-261 Jul 28 j 07:17	3°♋56’24		
	-261 Aug 18 j 13:39	0°♌		
	-261 Sep 11 j 17:06	0°♍		
greatest brilliancy	-261 Sep 21 j 17:49	12°♍33’23	-3.9m	
morning set	-261 Sep 27 j 19:30	20°♍10’30		
	-261 Oct 05 j 15:08	0°♎		
	-261 Oct 29 j 10:56	0°♏		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

superior conj	-261 Nov 06 j 16:44	10°♏22’51	0°23’55
minimum elong	-261 Nov 06 j 22:50	10°♏42’01	0°23’37
max. Earth dist.	-261 Nov 07 j 08:56	11°♏13’49	1.71007 AU
desc. node	-261 Nov 16 j 21:16	23°♏12’36	
	-261 Nov 22 j 06:43	0°♐	
	-261 Dec 16 j 03:43	0°♑	
evening rise	-261 Dec 18 j 14:18	3°♑03’44	
	-260 Jan 09 j 02:56	0°♒	
	-260 Feb 02 j 06:01	0°♓	
	-260 Feb 26 j 15:29	0°♈	
asc. node	-260 Mar 09 j 00:09	13°♈48’53	
	-260 Mar 22 j 10:38	0°♉	
	-260 Apr 16 j 20:06	0°♊	
	-260 May 13 j 04:51	0°♋	
	-260 Jun 10 j 14:04	0°♌	
evening max el	-260 Jun 16 j 05:00	5°♌28’27	45°32’00
desc. node	-260 Jun 28 j 13:56	16°♌39’10	
	-260 Jul 17 j 08:15	0°♍	
greatest brilliancy	-260 Jul 23 j 19:38	3°♍00’42	-4.5m
retrograde	-260 Aug 03 j 23:37	5°♍13’58	
	-260 Aug 20 j 17:22	30°♌	
evening set	-260 Aug 22 j 00:13	29°♌15’07	
inferior conj	-260 Aug 25 j 02:15	27°♌22’56	-8°-48’-29
minimum elong	-260 Aug 25 j 02:11	27°♌23’03	8°48’30
min. Earth dist.	-260 Aug 25 j 17:56	26°♌58’50	0.27915 AU
morning rise	-260 Aug 28 j 03:55	25°♌30’43	
direct	-260 Sep 15 j 06:03	19°♌21’47	
greatest brilliancy	-260 Sep 29 j 10:18	22°♌58’54	-4.6m
	-260 Oct 10 j 19:54	0°♍	
asc. node	-260 Oct 19 j 16:38	7°♍06’29	
morning max el	-260 Nov 04 j 20:52	22°♍27’51	46°50’42
	-260 Nov 12 j 02:12	0°♎	
	-260 Dec 08 j 20:41	0°♏	
	-259 Jan 03 j 05:00	0°♐	
	-259 Jan 28 j 01:07	0°♑	
desc. node	-259 Feb 08 j 06:50	13°♑39’43	
	-259 Feb 21 j 16:47	0°♒	
	-259 Mar 18 j 06:55	0°♓	
	-259 Apr 11 j 20:32	0°♈	
	-259 May 06 j 09:34	0°♉	
morning set	-259 May 09 j 16:58	4°♉02’53	
	-259 May 30 j 21:16	0°♊	
asc. node	-259 Jun 01 j 09:38	1°♊51’36	
max. Earth dist.	-259 Jun 12 j 10:29	15°♊25’17	1.73514 AU
superior conj	-259 Jun 14 j 23:47	18°♊33’46	0°31’26
minimum elong	-259 Jun 14 j 17:53	18°♊15’39	0°31’10
	-259 Jun 24 j 06:42	0°♋	
	-259 Jul 18 j 13:42	0°♌	
evening rise	-259 Jul 20 j 17:07	2°♌39’03	
	-259 Aug 11 j 19:04	0°♍	
	-259 Sep 05 j 00:18	0°♎	
desc. node	-259 Sep 20 j 23:37	19°♎45’03	
	-259 Sep 29 j 06:51	0°♏	
	-259 Oct 23 j 16:07	0°♐	
	-259 Nov 17 j 06:49	0°♑	
	-259 Dec 12 j 09:45	0°♒	
	-258 Jan 07 j 18:22	0°♓	
asc. node	-258 Jan 12 j 02:19	4°♓41’04	
evening max el	-258 Jan 22 j 21:35	15°♓54’38	46°29’20
	-258 Feb 06 j 21:14	0°♈	
greatest brilliancy	-258 Feb 27 j 08:09	14°♈18’17	-4.6m
retrograde	-258 Mar 13 j 22:02	18°♈07’44	
evening set	-258 Mar 30 j 15:44	12°♈42’21	
inferior conj	-258 Apr 04 j 07:20	9°♈49’30	6°09’18
minimum elong	-258 Apr 04 j 16:47	9°♈34’32	6°07’24
min. Earth dist.	-258 Apr 04 j 10:33	9°♈44’24	0.28903 AU
morning rise	-258 Apr 09 j 17:57	6°♈28’51	
direct	-258 Apr 25 j 17:57	1°♈31’52	
desc. node	-258 May 03 j 16:05	2°♈40’51	
greatest brilliancy	-258 May 08 j 09:42	4°♈20’54	-4.5m
	-258 Jun 12 j 04:41	0°♉	
morning max el	-258 Jun 13 j 12:11	1°♉14’38	45°45’15
	-258 Jul 11 j 10:26	0°♊	
	-258 Aug 07 j 00:47	0°♋	
asc. node	-258 Aug 24 j 19:14	20°♋55’53	
	-258 Sep 01 j 08:41	0°♌	
	-258 Sep 25 j 22:12	0°♍	
	-258 Oct 20 j 00:59	0°♎	
	-258 Nov 12 j 22:42	0°♏	
	-258 Dec 06 j 19:09	0°♐	
morning set	-258 Dec 12 j 13:39	7°♐15’15	
desc. node	-258 Dec 14 j 09:06	9°♐31’48	
	-258 Dec 30 j 16:24	0°♑	
superior conj	-257 Jan 23 j 09:42	29°♑41’41	-1°-16’-32
minimum elong	-257 Jan 23 j 00:29	29°♑12’55	1°16’21
	-257 Jan 23 j 15:34	0°♒	
max. Earth dist.	-257 Jan 27 j 10:20	4°♒43’23	1.71827 AU
	-257 Feb 16 j 17:27	0°♓	
evening rise	-257 Mar 04 j 07:49	19°♓20’13	
	-257 Mar 12 j 22:59	0°♈	
	-257 Apr 06 j 09:04	0°♉	
asc. node	-257 Apr 06 j 11:59	0°♉08’54	
	-257 May 01 j 00:30	0°♊	
	-257 May 25 j 22:26	0°♋	
	-257 Jun 20 j 05:31	0°♌	
	-257 Jul 16 j 03:36	0°♍	
desc. node	-257 Jul 27 j 01:49	12°♍18’21	
	-257 Aug 12 j 06:57	0°♎	
evening max el	-257 Aug 29 j 10:24	17°♎35’47	46°44’20
	-257 Sep 11 j 19:08	0°♏	
greatest brilliancy	-257 Oct 07 j 16:24	17°♏14’29	-4.6m
retrograde	-257 Oct 18 j 12:30	19°♏25’39	
evening set	-257 Nov 02 j 05:42	15°♏09’30	
inferior conj	-257 Nov 08 j 01:04	11°♏46’22	-2°-21’-4
minimum elong	-257 Nov 08 j 06:20	11°♏38’24	2°19’25
min. Earth dist.	-257 Nov 08 j 04:54	11°♏40’34	0.26380 AU
morning rise	-257 Nov 14 j 06:45	8°♏09’27	
asc. node	-257 Nov 17 j 04:34	6°♏44’15	
direct	-257 Nov 28 j 09:05	4°♏09’54	
greatest brilliancy	-257 Dec 10 j 15:53	6°♏59’45	-4.7m
	-256 Jan 10 j 12:31	0°♐	
morning max el	-256 Jan 17 j 21:01	7°♐12’08	46°46’39
	-256 Feb 08 j 09:23	0°♑	
	-256 Mar 05 j 21:38	0°♒	
desc. node	-256 Mar 07 j 18:43	2°♒10’19	
	-256 Mar 31 j 13:43	0°♓	
	-256 Apr 25 j 20:02	0°♈	
	-256 May 20 j 20:02	0°♉	
	-256 Jun 14 j 14:22	0°♊	
asc. node	-256 Jun 28 j 21:33	17°♊27’34	
	-256 Jul 09 j 02:45	0°♋	
morning set	-256 Jul 16 j 01:52	8°♋34’35	
	-256 Aug 02 j 09:18	0°♌	
max. Earth dist.	-256 Aug 18 j 03:59	19°♌38’05	1.72172 AU
superior conj	-256 Aug 21 j 19:45	24°♌11’50	1°24’25
minimum elong	-256 Aug 21 j 18:47	24°♌08’49	1°24’25
	-256 Aug 26 j 11:15	0°♍	
	-256 Sep 19 j 10:34	0°♎	
evening rise	-256 Sep 29 j 03:09	12°♎08’40	
	-256 Oct 13 j 09:10	0°♏	
desc. node	-256 Oct 18 j 11:29	6°♏22’56	

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-256 Nov 06 j 08:26	0°♐		
	-256 Nov 30 j 09:32	0°♑		
	-256 Dec 24 j 14:30	0°♒		
	-255 Jan 18 j 03:23	0°♓		
asc. node	-255 Feb 08 j 14:14	25°♓37'49		
	-255 Feb 12 j 07:41	0°♈		
	-255 Mar 10 j 17:59	0°♉		
evening max el	-255 Apr 03 j 20:27	24°♉58'05	45°25'06	
	-255 Apr 09 j 04:40	0°♊		
greatest brilliancy	-255 May 08 j 02:15	21°♊07'59	-4.5m	
retrograde	-255 May 22 j 08:43	24°♊39'18		
desc. node	-255 May 31 j 04:07	23°♊07'27		
evening set	-255 Jun 06 j 09:36	20°♊18'32		
inferior conj	-255 Jun 12 j 19:05	16°♊29'50	-2°-53'-59	
minimum elong	-255 Jun 12 j 12:58	16°♊39'21	2°52'18	
min. Earth dist.	-255 Jun 12 j 22:14	16°♊24'56	0.28915 AU	
morning rise	-255 Jun 18 j 16:12	12°♊57'50		
direct	-255 Jul 04 j 12:14	8°♊12'23		
greatest brilliancy	-255 Jul 18 j 17:32	11°♊44'18	-4.5m	
	-255 Aug 13 j 09:44	0°♋		
morning max el	-255 Aug 22 j 21:31	8°♋53'47	46°10'18	
	-255 Sep 12 j 04:17	0°♌		
asc. node	-255 Sep 21 j 06:59	10°♌08'11		
	-255 Oct 08 j 11:37	0°♍		
	-255 Nov 02 j 10:45	0°♎		
	-255 Nov 26 j 19:30	0°♏		
	-255 Dec 20 j 22:48	0°♐		
desc. node	-254 Jan 10 j 21:01	26°♐03'08		
	-254 Jan 14 j 01:08	0°♑		
	-254 Feb 07 j 04:24	0°♒		
morning set	-254 Feb 26 j 19:32	24°♒20'13		
	-254 Mar 03 j 09:22	0°♓		
	-254 Mar 27 j 16:20	0°♈		
superior conj	-254 Apr 06 j 00:08	11°♈29'13	0°-59'-47	
minimum elong	-254 Apr 06 j 09:37	11°♈58'24	0°59'28	
max. Earth dist.	-254 Apr 07 j 22:22	13°♈51'31	1.73327 AU	
	-254 Apr 21 j 01:19	0°♉		
asc. node	-254 May 03 j 23:54	15°♉53'25		
evening rise	-254 May 13 j 00:01	26°♉56'20		
	-254 May 15 j 11:56	0°♊		
	-254 Jun 08 j 23:46	0°♋		
	-254 Jul 03 j 13:02	0°♌		
	-254 Jul 28 j 04:58	0°♍		
	-254 Aug 22 j 01:46	0°♎		
desc. node	-254 Aug 23 j 13:41	1°♎47'38		
	-254 Sep 16 j 06:55	0°♏		
	-254 Oct 12 j 03:48	0°♐		
	-254 Nov 08 j 15:38	0°♑		
evening max el	-254 Nov 10 j 06:32	1°♑39'42	47°25'00	
	-254 Dec 13 j 18:03	0°♒		
asc. node	-254 Dec 14 j 16:32	0°♒31'50		
greatest brilliancy	-254 Dec 18 j 03:38	2°♒17'44	-4.7m	
retrograde	-254 Dec 31 j 07:05	5°♒31'08		
evening set	-253 Jan 16 j 18:42	0°♒06'45		
	-253 Jan 16 j 23:14	30°♑		
min. Earth dist.	-253 Jan 20 j 02:50	28°♑03'37	0.27460 AU	
inferior conj	-253 Jan 21 j 03:11	27°♑25'20	7°42'58	
minimum elong	-253 Jan 20 j 18:53	27°♑38'24	7°41'46	
morning rise	-253 Jan 24 j 19:31	25°♑09'09		
direct	-253 Feb 10 j 19:26	19°♑33'47		
greatest brilliancy	-253 Feb 21 j 06:49	21°♑35'58	-4.6m	
	-253 Mar 08 j 07:40	0°♒		
morning max el	-253 Apr 01 j 01:29	20°♒23'06	46°05'19	
desc. node	-253 Apr 05 j 06:24	24°♒30'30		
	-253 Apr 10 j 17:10	0°♓		
	-253 May 08 j 15:43	0°♈		
	-253 Jun 04 j 00:32	0°♉		
	-253 Jun 29 j 13:46	0°♊		
	-253 Jul 24 j 13:02	0°♋		
asc. node	-253 Jul 27 j 09:24	3°♋27'45		
	-253 Aug 18 j 00:57	0°♌		
	-253 Sep 11 j 04:18	0°♍		
greatest brilliancy	-253 Sep 22 j 16:53	14°♍25'48	-3.9m	
morning set	-253 Sep 25 j 09:09	17°♍47'27		
	-253 Oct 05 j 02:21	0°♎		
	-253 Oct 28 j 22:13	0°♏		
superior conj	-253 Nov 04 j 03:00	7°♏48'34	0°27'40	
minimum elong	-253 Nov 04 j 09:55	8°♏10'21	0°27'21	
max. Earth dist.	-253 Nov 04 j 10:39	8°♏12'37	1.71017 AU	
desc. node	-253 Nov 15 j 23:25	22°♏43'50		
	-253 Nov 21 j 18:02	0°♐		
	-253 Dec 15 j 15:03	0°♑		
evening rise	-253 Dec 15 j 23:44	0°♑27'15		
	-252 Jan 08 j 14:19	0°♒		
	-252 Feb 01 j 17:31	0°♓		
	-252 Feb 26 j 03:16	0°♈		
asc. node	-252 Mar 08 j 02:07	13°♈18'41		
	-252 Mar 21 j 22:56	0°♉		
	-252 Apr 16 j 09:26	0°♊		
	-252 May 12 j 20:22	0°♋		
	-252 Jun 10 j 11:32	0°♌		
evening max el	-252 Jun 13 j 18:26	3°♌10'30	45°30'28	
desc. node	-252 Jun 27 j 16:06	15°♌38'06		
	-252 Jul 19 j 14:42	0°♍		
greatest brilliancy	-252 Jul 21 j 06:37	0°♍40'32	-4.5m	
retrograde	-252 Aug 01 j 13:09	2°♍56'45		
	-252 Aug 13 j 21:26	30°♌		
evening set	-252 Aug 19 j 12:59	26°♌59'03		
inferior conj	-252 Aug 22 j 16:33	25°♌04'46	-8°-47'-21	
minimum elong	-252 Aug 22 j 15:35	25°♌06'14	8°47'21	
min. Earth dist.	-252 Aug 23 j 07:51	24°♌41'17	0.27976 AU	
morning rise	-252 Aug 25 j 17:57	23°♌13'02		
direct	-252 Sep 12 j 20:36	17°♌02'24		
greatest brilliancy	-252 Sep 27 j 03:23	20°♌42'00	-4.6m	
	-252 Oct 11 j 12:58	0°♍		
asc. node	-252 Oct 18 j 18:48	6°♍02'36		
morning max el	-252 Nov 02 j 10:57	20°♍03'59	46°49'49	
	-252 Nov 11 j 22:10	0°♎		
	-252 Dec 08 j 12:22	0°♏		
	-251 Jan 02 j 18:51	0°♐		
	-251 Jan 27 j 13:55	0°♑		
desc. node	-251 Feb 07 j 08:52	13°♑07'58		
	-251 Feb 21 j 04:53	0°♒		
	-251 Mar 17 j 18:33	0°♓		
	-251 Apr 11 j 07:50	0°♈		
	-251 May 05 j 20:39	0°♉		
morning set	-251 May 07 j 11:06	1°♉57'41		
	-251 May 30 j 08:13	0°♊		
asc. node	-251 May 31 j 11:48	1°♊24'40		
max. Earth dist.	-251 Jun 10 j 08:25	13°♊31'30	1.73538 AU	
superior conj	-251 Jun 12 j 18:32	16°♊30'11	0°28'33	
minimum elong	-251 Jun 12 j 13:06	16°♊13'31	0°28'17	
	-251 Jun 23 j 17:38	0°♋		
	-251 Jul 18 j 00:43	0°♌		
evening rise	-251 Jul 18 j 11:43	0°♌34'00		
	-251 Aug 11 j 06:18	0°♍		
	-251 Sep 04 j 11:51	0°♎		
desc. node	-251 Sep 20 j 01:40	19°♎14'59		
	-251 Sep 28 j 18:49	0°♏		
	-251 Oct 23 j 04:39	0°♐		
	-251 Nov 16 j 20:10	0°♑		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-251 Dec 12 j 00:33	0°♒	
	-250 Jan 07 j 12:29	0°♓	
asc. node	-250 Jan 11 j 04:23	3°♓55’59	
evening max el	-250 Jan 20 j 12:30	13°♓36’40	46°32’11
	-250 Feb 07 j 04:34	0°♈	
greatest brilliancy	-250 Feb 24 j 23:56	12°♈05’26	-4.6m
retrograde	-250 Mar 11 j 14:59	15°♈56’39	
evening set	-250 Mar 28 j 10:47	10°♈26’50	
inferior conj	-250 Apr 01 j 23:43	7°♈38’06	6°22’52
minimum elong	-250 Apr 02 j 09:07	7°♈23’13	6°21’03
min. Earth dist.	-250 Apr 02 j 02:17	7°♈34’03	0.28884 AU
morning rise	-250 Apr 07 j 07:36	4°♈21’40	
	-250 Apr 17 j 16:24	30°♓	
direct	-250 Apr 23 j 09:44	29°♓20’41	
	-250 Apr 29 j 07:46	0°♈	
desc. node	-250 May 02 j 18:16	0°♈56’06	
greatest brilliancy	-250 May 06 j 00:31	2°♈09’08	-4.5m
morning max el	-250 Jun 11 j 05:03	29°♈06’29	45°45’12
	-250 Jun 12 j 03:26	0°♉	
	-250 Jul 11 j 02:17	0°♊	
	-250 Aug 06 j 14:15	0°♋	
asc. node	-250 Aug 23 j 21:11	20°♋23’57	
	-250 Aug 31 j 21:02	0°♌	
	-250 Sep 25 j 10:01	0°♍	
	-250 Oct 19 j 12:32	0°♎	
	-250 Nov 12 j 10:06	0°♏	
	-250 Dec 06 j 06:27	0°♐	
morning set	-250 Dec 09 j 23:24	4°♐39’32	
desc. node	-250 Dec 13 j 11:14	9°♐02’59	
	-250 Dec 30 j 03:39	0°♑	
superior conj	-249 Jan 20 j 20:35	27°♑10’44	-1°-14’-45
minimum elong	-249 Jan 20 j 10:43	26°♑39’55	1°14’31
	-249 Jan 23 j 02:46	0°♒	
max. Earth dist.	-249 Jan 24 j 19:07	2°♒06’00	1.71777 AU
	-249 Feb 16 j 04:37	0°♓	
evening rise	-249 Mar 01 j 21:19	16°♓59’07	
	-249 Mar 12 j 10:08	0°♈	
asc. node	-249 Apr 05 j 14:06	29°♈40’59	
	-249 Apr 05 j 20:19	0°♉	
	-249 Apr 30 j 12:01	0°♊	
	-249 May 25 j 10:32	0°♋	
	-249 Jun 19 j 18:37	0°♌	
	-249 Jul 15 j 18:32	0°♍	
desc. node	-249 Jul 26 j 03:48	11°♍39’09	
	-249 Aug 12 j 01:52	0°♎	
evening max el	-249 Aug 27 j 00:46	15°♎15’17	46°41’47
	-249 Sep 12 j 04:28	0°♏	
greatest brilliancy	-249 Oct 05 j 04:55	14°♏46’03	-4.6m
retrograde	-249 Oct 16 j 01:03	16°♏56’25	
evening set	-249 Oct 30 j 19:58	12°♏37’43	
inferior conj	-249 Nov 05 j 13:10	9°♏17’19	-2°-44’-37
minimum elong	-249 Nov 05 j 19:14	9°♏08’06	2°42’45
min. Earth dist.	-249 Nov 05 j 18:05	9°♏09’51	0.26400 AU
morning rise	-249 Nov 11 j 18:22	5°♏41’14	
asc. node	-249 Nov 16 j 06:40	3°♏35’56	
direct	-249 Nov 25 j 22:15	1°♏40’43	
greatest brilliancy	-249 Dec 08 j 05:31	4°♏31’38	-4.7m
	-248 Jan 10 j 14:35	0°♐	
morning max el	-248 Jan 15 j 11:08	4°♐48’35	46°47’31
	-248 Feb 08 j 02:49	0°♑	
	-248 Mar 05 j 12:05	0°♒	
desc. node	-248 Mar 06 j 20:44	1°♒34’39	
	-248 Mar 31 j 02:41	0°♓	
	-248 Apr 25 j 08:05	0°♈	
	-248 May 20 j 07:30	0°♉	
	-248 Jun 14 j 01:28	0°♊	
asc. node	-248 Jun 27 j 23:34	17°♊00’04	
	-248 Jul 08 j 13:41	0°♋	
morning set	-248 Jul 13 j 19:24	6°♋27’04	
	-248 Aug 01 j 20:12	0°♌	
max. Earth dist.	-248 Aug 15 j 16:54	17°♌14’45	1.72227 AU
superior conj	-248 Aug 19 j 12:08	21°♌59’07	1°24’10
minimum elong	-248 Aug 19 j 10:26	21°♌53’50	1°24’10
	-248 Aug 25 j 22:12	0°♍	
	-248 Sep 18 j 21:38	0°♎	
evening rise	-248 Sep 26 j 15:58	9°♎43’37	
	-248 Oct 12 j 20:23	0°♏	
desc. node	-248 Oct 17 j 13:40	5°♏54’33	
	-248 Nov 05 j 19:49	0°♐	
	-248 Nov 29 j 21:09	0°♑	
	-248 Dec 24 j 02:26	0°♒	
	-247 Jan 17 j 15:54	0°♓	
asc. node	-247 Feb 07 j 16:11	25°♓04’04	
	-247 Feb 11 j 21:21	0°♈	
	-247 Mar 10 j 10:20	0°♉	
evening max el	-247 Apr 01 j 12:34	22°♉47’45	45°26’17
	-247 Apr 09 j 05:59	0°♊	
greatest brilliancy	-247 May 05 j 18:29	18°♊59’15	-4.5m
retrograde	-247 May 20 j 00:27	22°♊30’24	
desc. node	-247 May 30 j 06:13	20°♊27’08	
evening set	-247 Jun 04 j 01:17	18°♊10’37	
inferior conj	-247 Jun 10 j 11:22	14°♊20’47	-2°-35’-14
minimum elong	-247 Jun 10 j 05:52	14°♊29’23	2°33’41
min. Earth dist.	-247 Jun 10 j 14:46	14°♊15’29	0.28925 AU
morning rise	-247 Jun 16 j 10:16	10°♊45’50	
direct	-247 Jul 02 j 04:40	6°♊03’17	
greatest brilliancy	-247 Jul 16 j 07:50	9°♊32’17	-4.5m
	-247 Aug 13 j 11:50	0°♋	
morning max el	-247 Aug 20 j 11:59	6°♋38’04	46°08’49
	-247 Sep 11 j 21:01	0°♌	
asc. node	-247 Sep 20 j 09:09	9°♌30’28	
	-247 Oct 08 j 01:35	0°♍	
	-247 Nov 01 j 23:29	0°♎	
	-247 Nov 26 j 07:34	0°♏	
	-247 Dec 20 j 10:27	0°♐	
desc. node	-246 Jan 09 j 23:01	25°♐33’56	
	-246 Jan 13 j 12:29	0°♑	
	-246 Feb 06 j 15:31	0°♒	
morning set	-246 Feb 24 j 09:20	22°♒00’26	
	-246 Mar 02 j 20:18	0°♓	
	-246 Mar 27 j 03:08	0°♈	
superior conj	-246 Apr 03 j 16:37	9°♈18’59	-1°-2’-6
minimum elong	-246 Apr 04 j 02:07	9°♈48’16	1°01’47
max. Earth dist.	-246 Apr 05 j 18:55	11°♈53’51	1.73291 AU
	-246 Apr 20 j 12:05	0°♉	
asc. node	-246 May 03 j 02:02	15°♉26’52	
evening rise	-246 May 10 j 18:21	24°♉52’09	
	-246 May 14 j 22:46	0°♊	
	-246 Jun 08 j 10:46	0°♋	
	-246 Jul 03 j 00:22	0°♌	
	-246 Jul 27 j 16:49	0°♍	
	-246 Aug 21 j 14:27	0°♎	
desc. node	-246 Aug 22 j 15:45	1°♎15’40	
	-246 Sep 15 j 20:55	0°♏	
	-246 Oct 11 j 20:13	0°♐	
evening max el	-246 Nov 07 j 20:35	29°♐15’37	47°25’14
	-246 Nov 08 j 14:02	0°♑	
asc. node	-246 Dec 13 j 18:36	28°♑56’17	
greatest brilliancy	-246 Dec 15 j 20:56	29°♑57’51	-4.7m
	-246 Dec 15 j 22:49	0°♒	
retrograde	-246 Dec 28 j 21:05	3°♒08’02	

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-245 Jan 10 j 05:37	30°♉		
evening set	-245 Jan 14 j 05:26	27°♉49’48		
min. Earth dist.	-245 Jan 17 j 17:06	25°♉41’41	0.27388 AU	
inferior conj	-245 Jan 18 j 17:19	25°♉03’37	7°32’39	
minimum elong	-245 Jan 18 j 08:34	25°♉17’22	7°31’17	
morning rise	-245 Jan 22 j 12:08	22°♉43’42		
direct	-245 Feb 08 j 08:21	17°♉13’11		
greatest brilliancy	-245 Feb 18 j 20:40	19°♉15’50	-4.6m	
	-245 Mar 09 j 01:00	0°♒		
morning max el	-245 Mar 29 j 14:33	18°♒03’16	46°06’39	
desc. node	-245 Apr 04 j 08:37	23°♒43’40		
	-245 Apr 10 j 12:27	0°♓		
	-245 May 08 j 06:28	0°♈		
	-245 Jun 03 j 13:24	0°♉		
	-245 Jun 29 j 01:40	0°♊		
	-245 Jul 24 j 00:23	0°♋		
asc. node	-245 Jul 26 j 11:24	2°♋59’24		
	-245 Aug 17 j 12:01	0°♌		
	-245 Sep 10 j 15:13	0°♍		
morning set	-245 Sep 22 j 22:54	15°♍25’44		
	-245 Oct 04 j 13:15	0°♎		
	-245 Oct 28 j 09:10	0°♏		
superior conj	-245 Nov 01 j 13:25	5°♏15’45	0°31’21	
minimum elong	-245 Nov 01 j 21:07	5°♏39’57	0°31’00	
max. Earth dist.	-245 Nov 01 j 15:01	5°♏20’45	1.71032 AU	
desc. node	-245 Nov 15 j 01:29	22°♏15’45		
	-245 Nov 21 j 05:03	0°♐		
evening rise	-245 Dec 13 j 09:20	27°♐52’09		
	-245 Dec 15 j 02:06	0°♑		
	-244 Jan 08 j 01:24	0°♒		
	-244 Feb 01 j 04:43	0°♓		
	-244 Feb 25 j 14:43	0°♈		
asc. node	-244 Mar 07 j 04:18	12°♈50’08		
	-244 Mar 21 j 10:55	0°♉		
	-244 Apr 15 j 22:31	0°♊		
	-244 May 12 j 11:48	0°♋		
	-244 Jun 10 j 09:33	0°♌		
evening max el	-244 Jun 11 j 08:20	0°♌54’32	45°28’54	
desc. node	-244 Jun 26 j 18:05	14°♌35’42		
greatest brilliancy	-244 Jul 18 j 16:48	28°♌20’06	-4.5m	
	-244 Jul 24 j 03:44	0°♍		
retrograde	-244 Jul 30 j 03:15	0°♍40’03		
	-244 Aug 04 j 22:56	30°♌		
evening set	-244 Aug 17 j 01:16	24°♌44’02		
inferior conj	-244 Aug 20 j 06:44	22°♌47’04	-8°-45’-24	
minimum elong	-244 Aug 20 j 04:54	22°♌49’52	8°45’22	
min. Earth dist.	-244 Aug 20 j 21:19	22°♌24’43	0.28033 AU	
morning rise	-244 Aug 23 j 08:18	20°♌55’15		
direct	-244 Sep 10 j 11:25	14°♌43’42		
greatest brilliancy	-244 Sep 24 j 20:16	18°♌25’51	-4.6m	
	-244 Oct 12 j 01:21	0°♍		
asc. node	-244 Oct 17 j 20:56	5°♍01’06		
morning max el	-244 Oct 31 j 01:45	17°♍43’08	46°48’57	
	-244 Nov 11 j 17:11	0°♎		
	-244 Dec 08 j 03:26	0°♏		
	-243 Jan 02 j 08:11	0°♐		
	-243 Jan 27 j 02:16	0°♑		
desc. node	-243 Feb 06 j 10:52	12°♑37’16		
	-243 Feb 20 j 16:35	0°♒		
	-243 Mar 17 j 05:47	0°♓		
	-243 Apr 10 j 18:44	0°♈		
morning set	-243 May 05 j 05:22	29°♈53’59		
	-243 May 05 j 07:20	0°♉		
	-243 May 29 j 18:48	0°♊		
asc. node	-243 May 30 j 13:48	0°♊58’20		
max. Earth dist.	-243 Jun 08 j 07:49	11°♊43’23	1.73564 AU	
superior conj	-243 Jun 10 j 13:16	14°♊27’42	0°25’37	
minimum elong	-243 Jun 10 j 08:20	14°♊12’32	0°25’22	
	-243 Jun 23 j 04:14	0°♋		
evening rise	-243 Jul 16 j 06:18	28°♋29’53		
	-243 Jul 17 j 11:27	0°♌		
	-243 Aug 10 j 17:16	0°♍		
	-243 Sep 03 j 23:09	0°♎		
desc. node	-243 Sep 19 j 03:49	18°♎46’05		
	-243 Sep 28 j 06:31	0°♏		
	-243 Oct 22 j 16:54	0°♐		
	-243 Nov 16 j 09:15	0°♑		
	-243 Dec 11 j 15:09	0°♒		
	-242 Jan 07 j 06:38	0°♓		
asc. node	-242 Jan 10 j 06:24	3°♓11’15		
evening max el	-242 Jan 18 j 04:19	11°♓21’53	46°34’58	
	-242 Feb 07 j 14:03	0°♈		
greatest brilliancy	-242 Feb 22 j 16:33	9°♈54’39	-4.6m	
retrograde	-242 Mar 09 j 08:09	13°♈46’18		
evening set	-242 Mar 26 j 05:50	8°♈12’12		
inferior conj	-242 Mar 30 j 16:02	5°♈27’28	6°35’55	
minimum elong	-242 Mar 31 j 01:22	5°♈12’43	6°34’12	
min. Earth dist.	-242 Mar 30 j 17:36	5°♈24’59	0.28863 AU	
morning rise	-242 Apr 04 j 21:05	2°♈15’25		
	-242 Apr 09 j 04:19	30°♓		
direct	-242 Apr 21 j 01:55	27°♓10’30		
desc. node	-242 May 01 j 20:16	29°♓15’52		
greatest brilliancy	-242 May 03 j 14:20	29°♓57’15	-4.5m	
	-242 May 03 j 16:57	0°♈		
morning max el	-242 Jun 08 j 22:01	26°♈59’49	45°45’09	
	-242 Jun 12 j 00:50	0°♉		
	-242 Jul 10 j 17:30	0°♊		
	-242 Aug 06 j 03:16	0°♋		
asc. node	-242 Aug 22 j 23:22	19°♋53’41		
	-242 Aug 31 j 09:04	0°♌		
	-242 Sep 24 j 21:34	0°♍		
	-242 Oct 18 j 23:50	0°♎		
	-242 Nov 11 j 21:15	0°♏		
	-242 Dec 05 j 17:29	0°♐		
morning set	-242 Dec 07 j 09:04	2°♐04’24		
desc. node	-242 Dec 12 j 13:13	8°♐34’36		
	-242 Dec 29 j 14:36	0°♑		
superior conj	-241 Jan 18 j 07:13	24°♑39’53	-1°-12’-48	
minimum elong	-241 Jan 17 j 20:48	24°♑07’16	1°12’33	
max. Earth dist.	-241 Jan 22 j 06:52	29°♑38’49	1.71728 AU	
	-241 Jan 22 j 13:39	0°♒		
	-241 Feb 15 j 15:28	0°♓		
evening rise	-241 Feb 27 j 10:44	14°♓38’34		
	-241 Mar 11 j 21:00	0°♈		
asc. node	-241 Apr 04 j 16:14	29°♈14’00		
	-241 Apr 05 j 07:18	0°♉		
	-241 Apr 29 j 23:17	0°♊		
	-241 May 24 j 22:22	0°♋		
	-241 Jun 19 j 07:29	0°♌		
	-241 Jul 15 j 09:21	0°♍		
desc. node	-241 Jul 25 j 05:52	11°♍00’33		
	-241 Aug 11 j 21:02	0°♎		
evening max el	-241 Aug 24 j 14:51	12°♎54’40	46°38’54	
	-241 Sep 12 j 16:47	0°♏		
greatest brilliancy	-241 Oct 02 j 18:02	12°♏18’22	-4.6m	
retrograde	-241 Oct 13 j 12:52	14°♏26’48		
evening set	-241 Oct 28 j 10:14	10°♏05’32		
inferior conj	-241 Nov 03 j 01:04	6°♏48’03	-3°-8’-4	
minimum elong	-241 Nov 03 j 07:55	6°♏37’40	3°05’59	
min. Earth dist.	-241 Nov 03 j 07:18	6°♏38’36	0.26422 AU	
morning rise	-241 Nov 09 j 05:27	3°♏12’54		
asc. node	-241 Nov 15 j 08:41	0°♏32’20		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-241 Nov 17 j 04:38	30°♎		
direct	-241 Nov 23 j 11:02	29°♎11’19		
	-241 Nov 29 j 20:52	0°♏		
greatest brilliancy	-241 Dec 05 j 19:06	2°♏03’11	-4.7m	
	-240 Jan 10 j 15:14	0°♐		
morning max el	-240 Jan 13 j 00:04	2°♐22’11	46°48’29	
	-240 Feb 07 j 19:43	0°♑		
	-240 Mar 05 j 02:10	0°♒		
desc. node	-240 Mar 05 j 22:57	1°♒00’26		
	-240 Mar 30 j 15:19	0°♓		
	-240 Apr 24 j 19:52	0°♈		
	-240 May 19 j 18:44	0°♉		
	-240 Jun 13 j 12:23	0°♊		
asc. node	-240 Jun 27 j 01:39	16°♊33’19		
	-240 Jul 08 j 00:25	0°♋		
morning set	-240 Jul 11 j 13:16	4°♋21’09		
	-240 Aug 01 j 06:55	0°♌		
max. Earth dist.	-240 Aug 13 j 06:51	14°♌55’17	1.72285 AU	
superior conj	-240 Aug 17 j 04:53	19°♌48’16	1°23’48	
minimum elong	-240 Aug 17 j 02:29	19°♌40’46	1°23’47	
	-240 Aug 25 j 08:59	0°♍		
	-240 Sep 18 j 08:33	0°♎		
evening rise	-240 Sep 24 j 05:03	7°♎19’51		
	-240 Oct 12 j 07:29	0°♏		
desc. node	-240 Oct 16 j 15:43	5°♏26’07		
	-240 Nov 05 j 07:10	0°♐		
	-240 Nov 29 j 08:45	0°♑		
	-240 Dec 23 j 14:23	0°♒		
	-239 Jan 17 j 04:26	0°♓		
asc. node	-239 Feb 06 j 18:23	24°♓31’05		
	-239 Feb 11 j 11:04	0°♈		
	-239 Mar 10 j 02:53	0°♉		
evening max el	-239 Mar 30 j 03:44	20°♉35’23	45°27’35	
	-239 Apr 09 j 08:33	0°♊		
greatest brilliancy	-239 May 03 j 10:16	16°♊50’21	-4.5m	
retrograde	-239 May 17 j 16:12	20°♊22’17		
desc. node	-239 May 29 j 08:15	17°♊43’15		
evening set	-239 Jun 01 j 17:12	16°♊02’57		
inferior conj	-239 Jun 08 j 03:46	12°♊12’26	-2°-16’-12	
minimum elong	-239 Jun 07 j 22:54	12°♊20’03	2°14’50	
min. Earth dist.	-239 Jun 08 j 07:39	12°♊06’22	0.28934 AU	
morning rise	-239 Jun 14 j 04:20	8°♊34’44		
direct	-239 Jun 29 j 20:46	3°♊54’41		
greatest brilliancy	-239 Jul 13 j 23:14	7°♊22’05	-4.5m	
	-239 Aug 13 j 12:27	0°♋		
morning max el	-239 Aug 18 j 02:13	4°♋22’14	46°07’31	
	-239 Sep 11 j 13:19	0°♌		
asc. node	-239 Sep 19 j 11:16	8°♌53’13		
	-239 Oct 07 j 15:19	0°♍		
	-239 Nov 01 j 12:05	0°♎		
	-239 Nov 25 j 19:35	0°♏		
	-239 Dec 19 j 22:08	0°♐		
desc. node	-238 Jan 09 j 01:08	25°♐04’49		
	-238 Jan 12 j 23:54	0°♑		
	-238 Feb 06 j 02:42	0°♒		
morning set	-238 Feb 21 j 22:33	19°♒38’31		
	-238 Mar 02 j 07:16	0°♓		
	-238 Mar 26 j 13:59	0°♈		
superior conj	-238 Apr 01 j 08:51	7°♈07’52	-1°-4’-20	
minimum elong	-238 Apr 01 j 18:20	7°♈37’04	1°04’03	
max. Earth dist.	-238 Apr 03 j 14:03	9°♈51’41	1.73248 AU	
	-238 Apr 19 j 22:53	0°♉		
asc. node	-238 May 02 j 04:01	14°♉59’50		
evening rise	-238 May 08 j 12:36	22°♉47’44		
	-238 May 14 j 09:37	0°♊		
	-238 Jun 07 j 21:50	0°♋		
	-238 Jul 02 j 11:45	0°♌		
	-238 Jul 27 j 04:45	0°♍		
	-238 Aug 21 j 03:14	0°♎		
desc. node	-238 Aug 21 j 17:57	0°♎43’59		
	-238 Sep 15 j 11:04	0°♏		
	-238 Oct 11 j 12:55	0°♐		
evening max el	-238 Nov 05 j 09:52	26°♐49’29	47°25’13	
	-238 Nov 08 j 13:25	0°♑		
asc. node	-238 Dec 12 j 20:38	27°♑16’17		
greatest brilliancy	-238 Dec 13 j 13:10	27°♑35’38	-4.7m	
	-238 Dec 20 j 09:24	0°♒		
retrograde	-238 Dec 26 j 10:56	0°♒43’53		
	-237 Jan 01 j 09:02	30°♑		
evening set	-237 Jan 11 j 15:51	25°♑31’25		
min. Earth dist.	-237 Jan 15 j 07:10	23°♑18’18	0.27323 AU	
inferior conj	-237 Jan 16 j 07:15	22°♑40’34	7°21’16	
minimum elong	-237 Jan 15 j 22:06	22°♑54’55	7°19’44	
morning rise	-237 Jan 20 j 04:44	20°♑16’51		
direct	-237 Feb 05 j 21:02	14°♑50’56		
greatest brilliancy	-237 Feb 16 j 11:14	16°♑55’12	-4.6m	
	-237 Mar 09 j 14:24	0°♒		
morning max el	-237 Mar 27 j 04:04	15°♒43’31	46°08’08	
desc. node	-237 Apr 03 j 10:38	22°♒56’12		
	-237 Apr 10 j 07:30	0°♓		
	-237 May 07 j 21:15	0°♈		
	-237 Jun 03 j 02:20	0°♉		
	-237 Jun 28 j 13:39	0°♊		
	-237 Jul 23 j 11:50	0°♋		
asc. node	-237 Jul 25 j 13:32	2°♋31’09		
	-237 Aug 16 j 23:11	0°♌		
	-237 Sep 10 j 02:17	0°♍		
morning set	-237 Sep 20 j 13:09	13°♍05’12		
	-237 Oct 04 j 00:18	0°♎		
	-237 Oct 27 j 20:14	0°♏		
superior conj	-237 Oct 30 j 00:22	2°♏44’09	0°34’56	
minimum elong	-237 Oct 30 j 08:44	3°♏10’30	0°34’33	
max. Earth dist.	-237 Oct 29 j 23:16	2°♏40’42	1.71046 AU	
desc. node	-237 Nov 14 j 03:30	21°♏47’11		
	-237 Nov 20 j 16:10	0°♐		
evening rise	-237 Dec 10 j 19:17	25°♐17’45		
	-237 Dec 14 j 13:17	0°♑		
	-236 Jan 07 j 12:41	0°♒		
	-236 Jan 31 j 16:10	0°♓		
	-236 Feb 25 j 02:28	0°♈		
asc. node	-236 Mar 06 j 06:22	12°♈20’21		
	-236 Mar 20 j 23:14	0°♉		
	-236 Apr 15 j 11:58	0°♊		
	-236 May 12 j 03:45	0°♋		
evening max el	-236 Jun 08 j 23:05	28°♋40’09	45°27’33	
	-236 Jun 10 j 08:45	0°♌		
desc. node	-236 Jun 25 j 20:10	13°♌31’19		
greatest brilliancy	-236 Jul 16 j 02:52	25°♌59’23	-4.5m	
retrograde	-236 Jul 27 j 17:42	28°♌23’08		
evening set	-236 Aug 14 j 13:23	22°♌29’22		
inferior conj	-236 Aug 17 j 21:01	20°♌29’07	-8°-42’-35	
minimum elong	-236 Aug 17 j 18:22	20°♌33’11	8°42’30	
min. Earth dist.	-236 Aug 18 j 10:34	20°♌08’23	0.28088 AU	
morning rise	-236 Aug 20 j 23:09	18°♌36’34		
direct	-236 Sep 08 j 02:51	12°♌24’54		
greatest brilliancy	-236 Sep 22 j 12:32	16°♌08’34	-4.6m	
	-236 Oct 12 j 10:48	0°♍		
asc. node	-236 Oct 16 j 22:54	4°♍00’00		
morning max el	-236 Oct 28 j 17:09	15°♍23’24	46°48’07	
	-236 Nov 11 j 11:56	0°♎		
	-236 Dec 07 j 18:30	0°♏		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-235 Jan 01 j 21:36	0°♐	
	-235 Jan 26 j 14:45	0°♑	
desc. node	-235 Feb 05 j 13:04	12°♑06’41	
	-235 Feb 20 j 04:29	0°♒	
	-235 Mar 16 j 17:16	0°♓	
	-235 Apr 10 j 05:56	0°♈	
morning set	-235 May 02 j 23:27	27°♈48’43	
	-235 May 04 j 18:20	0°♉	
	-235 May 29 j 05:41	0°♊	
asc. node	-235 May 29 j 15:54	0°♊31’23	
max. Earth dist.	-235 Jun 06 j 07:14	9°♊54’21	1.73582 AU
superior conj	-235 Jun 08 j 07:49	12°♊23’42	0°22’37
minimum elong	-235 Jun 08 j 03:25	12°♊10’09	0°22’25
	-235 Jun 22 j 15:07	0°♋	
evening rise	-235 Jul 14 j 00:50	26°♋24’52	
	-235 Jul 16 j 22:28	0°♌	
	-235 Aug 10 j 04:32	0°♍	
	-235 Sep 03 j 10:45	0°♎	
desc. node	-235 Sep 18 j 05:49	18°♎15’43	
	-235 Sep 27 j 18:34	0°♏	
	-235 Oct 22 j 05:30	0°♐	
	-235 Nov 15 j 22:43	0°♑	
	-235 Dec 11 j 06:11	0°♒	
	-234 Jan 07 j 01:29	0°♓	
asc. node	-234 Jan 09 j 08:35	2°♓25’42	
evening max el	-234 Jan 15 j 20:32	9°♓07’21	46°37’39
	-234 Feb 08 j 03:13	0°♈	
greatest brilliancy	-234 Feb 20 j 10:09	7°♈44’26	-4.6m
retrograde	-234 Mar 07 j 01:14	11°♈34’59	
evening set	-234 Mar 24 j 00:58	5°♈56’54	
inferior conj	-234 Mar 28 j 08:25	3°♈15’59	6°48’20
minimum elong	-234 Mar 28 j 17:36	3°♈01’27	6°46’44
min. Earth dist.	-234 Mar 28 j 08:51	3°♈15’17	0.28841 AU
morning rise	-234 Apr 02 j 10:30	0°♈08’18	
	-234 Apr 02 j 16:15	30°♓	
direct	-234 Apr 18 j 18:28	24°♓59’37	
desc. node	-234 Apr 30 j 22:20	27°♓38’14	
greatest brilliancy	-234 May 01 j 03:25	27°♓43’29	-4.5m
	-234 May 05 j 22:02	0°♈	
morning max el	-234 Jun 06 j 14:36	24°♈51’07	45°45’03
	-234 Jun 11 j 21:55	0°♉	
	-234 Jul 10 j 08:53	0°♊	
	-234 Aug 05 j 16:33	0°♋	
asc. node	-234 Aug 22 j 01:30	19°♋22’24	
	-234 Aug 30 j 21:22	0°♌	
	-234 Sep 24 j 09:23	0°♍	
	-234 Oct 18 j 11:24	0°♎	
	-234 Nov 11 j 08:40	0°♏	
morning set	-234 Dec 04 j 18:54	29°♏28’49	
	-234 Dec 05 j 04:49	0°♐	
desc. node	-234 Dec 11 j 15:21	8°♐05’44	
	-234 Dec 29 j 01:51	0°♑	
superior conj	-233 Jan 15 j 18:01	22°♑08’29	-1°-10’-42
minimum elong	-233 Jan 15 j 07:08	21°♑34’26	1°10’25
max. Earth dist.	-233 Jan 19 j 20:18	27°♑15’49	1.71674 AU
	-233 Jan 22 j 00:50	0°♒	
	-233 Feb 15 j 02:35	0°♓	
evening rise	-233 Feb 25 j 00:18	12°♓17’31	
	-233 Mar 11 j 08:08	0°♈	
asc. node	-233 Apr 03 j 18:14	28°♈45’41	
	-233 Apr 04 j 18:33	0°♉	
	-233 Apr 29 j 10:53	0°♊	
	-233 May 24 j 10:35	0°♋	
	-233 Jun 18 j 20:48	0°♌	
	-233 Jul 15 j 00:43	0°♍	
desc. node	-233 Jul 24 j 08:03	10°♍20’58	
	-233 Aug 11 j 17:06	0°♎	
evening max el	-233 Aug 22 j 04:06	10°♎31’17	46°36’06
	-233 Sep 13 j 09:32	0°♏	
greatest brilliancy	-233 Sep 30 j 08:01	9°♏51’20	-4.6m
retrograde	-233 Oct 11 j 00:19	11°♏57’03	
evening set	-233 Oct 26 j 00:48	7°♏32’58	
inferior conj	-233 Oct 31 j 13:10	4°♏18’41	-3°-30’-52
minimum elong	-233 Oct 31 j 20:43	4°♏07’12	3°28’37
min. Earth dist.	-233 Oct 31 j 20:56	4°♏06’52	0.26450 AU
morning rise	-233 Nov 06 j 16:25	0°♏44’36	
	-233 Nov 08 j 03:18	30°♎	
asc. node	-233 Nov 14 j 10:50	27°♎34’01	
direct	-233 Nov 20 j 23:25	26°♎41’33	
greatest brilliancy	-233 Dec 03 j 09:34	29°♎35’06	-4.7m
	-233 Dec 04 j 07:30	0°♏	
morning max el	-232 Jan 10 j 12:21	29°♏53’01	46°49’26
	-232 Jan 10 j 15:06	0°♐	
	-232 Feb 07 j 12:36	0°♑	
	-232 Mar 04 j 16:23	0°♒	
desc. node	-232 Mar 05 j 00:56	0°♒24’55	
	-232 Mar 30 j 04:07	0°♓	
	-232 Apr 24 j 07:50	0°♈	
	-232 May 19 j 06:11	0°♉	
	-232 Jun 12 j 23:32	0°♊	
asc. node	-232 Jun 26 j 03:48	16°♊06’03	
	-232 Jul 07 j 11:27	0°♋	
morning set	-232 Jul 09 j 07:03	2°♋14’14	
	-232 Jul 31 j 17:54	0°♌	
max. Earth dist.	-232 Aug 10 j 21:53	12°♌38’23	1.72344 AU
superior conj	-232 Aug 14 j 21:38	17°♌36’34	1°23’18
minimum elong	-232 Aug 14 j 18:31	17°♌26’53	1°23’16
	-232 Aug 24 j 20:02	0°♍	
	-232 Sep 17 j 19:42	0°♎	
evening rise	-232 Sep 21 j 18:12	4°♎55’41	
	-232 Oct 11 j 18:50	0°♏	
desc. node	-232 Oct 15 j 17:43	4°♏56’44	
	-232 Nov 04 j 18:46	0°♐	
	-232 Nov 28 j 20:38	0°♑	
	-232 Dec 23 j 02:37	0°♒	
	-231 Jan 16 j 17:17	0°♓	
asc. node	-231 Feb 05 j 20:27	23°♓56’42	
	-231 Feb 11 j 01:11	0°♈	
	-231 Mar 09 j 20:00	0°♉	
evening max el	-231 Mar 27 j 18:16	18°♉20’54	45°29’06
	-231 Apr 09 j 13:01	0°♊	
greatest brilliancy	-231 May 01 j 00:59	14°♊39’45	-4.5m
retrograde	-231 May 15 j 08:18	18°♊14’08	
desc. node	-231 May 28 j 10:20	14°♊55’14	
evening set	-231 May 30 j 09:20	13°♊54’40	
inferior conj	-231 Jun 05 j 20:16	10°♊03’52	-1°-57’-7
minimum elong	-231 Jun 05 j 16:02	10°♊10’29	1°55’56
min. Earth dist.	-231 Jun 06 j 00:36	9°♊57’06	0.28946 AU
morning rise	-231 Jun 11 j 22:24	6°♊23’47	
direct	-231 Jun 27 j 12:40	1°♊45’43	
greatest brilliancy	-231 Jul 11 j 15:43	5°♊13’00	-4.5m
	-231 Aug 13 j 12:10	0°♋	
morning max el	-231 Aug 15 j 17:10	2°♋07’39	46°06’10
	-231 Sep 11 j 05:35	0°♌	
asc. node	-231 Sep 18 j 13:14	8°♌15’09	
	-231 Oct 07 j 05:10	0°♍	
	-231 Nov 01 j 00:49	0°♎	
	-231 Nov 25 j 07:44	0°♏	
	-231 Dec 19 j 09:55	0°♐	
desc. node	-230 Jan 08 j 03:15	24°♐35’23	
	-230 Jan 12 j 11:26	0°♑	

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-230 Feb 05 j 14:00	0°♒	
morning set	-230 Feb 19 j 11:30	17°♒15’08	
	-230 Mar 01 j 18:23	0°♓	
	-230 Mar 26 j 00:58	0°♈	
superior conj	-230 Mar 30 j 01:00	4°♈55’58	-1°-6’-29
minimum elong	-230 Mar 30 j 10:25	5°♈25’01	1°06’13
max. Earth dist.	-230 Apr 01 j 07:13	7°♈42’58	1.73204 AU
	-230 Apr 19 j 09:49	0°♉	
asc. node	-230 May 01 j 06:09	14°♉32’52	
evening rise	-230 May 06 j 06:51	20°♉42’58	
	-230 May 13 j 20:36	0°♊	
	-230 Jun 07 j 08:59	0°♋	
	-230 Jul 01 j 23:15	0°♌	
	-230 Jul 26 j 16:51	0°♍	
	-230 Aug 20 j 16:14	0°♎	
desc. node	-230 Aug 20 j 19:53	0°♎10’53	
	-230 Sep 15 j 01:32	0°♏	
	-230 Oct 11 j 06:09	0°♐	
evening max el	-230 Nov 02 j 23:28	24°♐23’46	47°25’16
	-230 Nov 08 j 14:06	0°♑	
greatest brilliancy	-230 Dec 11 j 04:22	25°♑11’24	-4.7m
asc. node	-230 Dec 11 j 22:47	25°♑31’57	
retrograde	-230 Dec 24 j 01:05	28°♑18’57	
evening set	-229 Jan 09 j 02:04	23°♑11’54	
min. Earth dist.	-229 Jan 12 j 20:44	20°♑54’21	0.27259 AU
inferior conj	-229 Jan 13 j 20:58	20°♑16’30	7°09’01
minimum elong	-229 Jan 13 j 11:28	20°♑31’22	7°07’18
morning rise	-229 Jan 17 j 21:16	17°♑49’02	
direct	-229 Feb 03 j 09:46	12°♑27’39	
greatest brilliancy	-229 Feb 14 j 01:08	14°♑33’18	-4.6m
	-229 Mar 10 j 00:32	0°♒	
morning max el	-229 Mar 24 j 18:24	13°♒25’24	46°09’36
desc. node	-229 Apr 02 j 12:39	22°♒09’15	
	-229 Apr 10 j 02:09	0°♓	
	-229 May 07 j 11:55	0°♈	
	-229 Jun 02 j 15:15	0°♉	
	-229 Jun 28 j 01:36	0°♊	
	-229 Jul 22 j 23:15	0°♋	
asc. node	-229 Jul 24 j 15:38	2°♋02’53	
	-229 Aug 16 j 10:20	0°♌	
	-229 Sep 09 j 13:20	0°♍	
morning set	-229 Sep 18 j 03:25	10°♍44’50	
	-229 Oct 03 j 11:22	0°♎	
superior conj	-229 Oct 27 j 11:06	0°♏11’44	0°38’27
minimum elong	-229 Oct 27 j 20:04	0°♏39’58	0°38’03
max. Earth dist.	-229 Oct 27 j 08:23	0°♏03’10	1.71065 AU
	-229 Oct 27 j 07:22	0°♏	
desc. node	-229 Nov 13 j 05:40	21°♏18’53	
	-229 Nov 20 j 03:21	0°♐	
evening rise	-229 Dec 08 j 04:46	22°♐41’47	
	-229 Dec 14 j 00:30	0°♑	
	-228 Jan 06 j 23:58	0°♒	
	-228 Jan 31 j 03:36	0°♓	
	-228 Feb 24 j 14:12	0°♈	
asc. node	-228 Mar 05 j 08:21	11°♈50’18	
	-228 Mar 20 j 11:35	0°♉	
	-228 Apr 15 j 01:30	0°♊	
	-228 May 11 j 19:55	0°♋	
evening max el	-228 Jun 06 j 14:41	26°♋28’11	45°26’20
	-228 Jun 10 j 08:53	0°♌	
desc. node	-228 Jun 24 j 22:19	12°♌25’49	
greatest brilliancy	-228 Jul 13 j 13:45	23°♌40’28	-4.5m
retrograde	-228 Jul 25 j 08:11	26°♌07’03	
evening set	-228 Aug 12 j 01:20	20°♌16’24	
inferior conj	-228 Aug 15 j 11:28	18°♌12’14	-8°-38’-56
minimum elong	-228 Aug 15 j 07:59	18°♌17’33	8°38’48
min. Earth dist.	-228 Aug 15 j 23:48	17°♌53’19	0.28138 AU
morning rise	-228 Aug 18 j 14:29	16°♌18’17	
direct	-228 Sep 05 j 18:33	10°♌07’29	
greatest brilliancy	-228 Sep 20 j 03:30	13°♌50’37	-4.6m
	-228 Oct 12 j 17:25	0°♍	
asc. node	-228 Oct 16 j 01:05	3°♍01’20	
morning max el	-228 Oct 26 j 08:16	13°♍03’38	46°46’55
	-228 Nov 11 j 06:06	0°♎	
	-228 Dec 07 j 09:19	0°♏	
	-227 Jan 01 j 10:53	0°♐	
	-227 Jan 26 j 03:08	0°♑	
desc. node	-227 Feb 04 j 15:04	11°♑35’43	
	-227 Feb 19 j 16:16	0°♒	
	-227 Mar 16 j 04:38	0°♓	
	-227 Apr 09 j 16:59	0°♈	
morning set	-227 Apr 30 j 17:19	25°♈43’17	
	-227 May 04 j 05:11	0°♉	
	-227 May 28 j 16:25	0°♊	
asc. node	-227 May 28 j 18:03	0°♊04’59	
max. Earth dist.	-227 Jun 04 j 05:36	8°♊02’37	1.73597 AU
superior conj	-227 Jun 06 j 02:18	10°♊19’57	0°19’36
minimum elong	-227 Jun 05 j 22:27	10°♊08’07	0°19’25
	-227 Jun 22 j 01:51	0°♋	
evening rise	-227 Jul 11 j 19:27	24°♋20’37	
	-227 Jul 16 j 09:19	0°♌	
	-227 Aug 09 j 15:36	0°♍	
	-227 Sep 02 j 22:08	0°♎	
desc. node	-227 Sep 17 j 07:53	17°♎46’18	
	-227 Sep 27 j 06:22	0°♏	
	-227 Oct 21 j 17:56	0°♐	
	-227 Nov 15 j 12:05	0°♑	
	-227 Dec 10 j 21:17	0°♒	
	-226 Jan 06 j 20:46	0°♓	
asc. node	-226 Jan 08 j 10:37	1°♓39’10	
evening max el	-226 Jan 13 j 12:27	6°♓51’57	46°40’14
	-226 Feb 08 j 20:57	0°♈	
greatest brilliancy	-226 Feb 18 j 04:36	5°♈35’03	-4.6m
retrograde	-226 Mar 04 j 17:44	9°♈23’03	
evening set	-226 Mar 21 j 19:50	3°♈41’21	
inferior conj	-226 Mar 26 j 00:33	1°♈04’11	7°00’16
minimum elong	-226 Mar 26 j 09:31	0°♈49’59	6°58’48
min. Earth dist.	-226 Mar 26 j 00:01	1°♈05’02	0.28813 AU
	-226 Mar 27 j 17:10	30°♓	
morning rise	-226 Mar 30 j 23:30	28°♓00’55	
direct	-226 Apr 16 j 10:37	22°♓48’37	
greatest brilliancy	-226 Apr 28 j 15:47	25°♓28’52	-4.5m
desc. node	-226 Apr 30 j 00:29	26°♓04’04	
	-226 May 07 j 08:39	0°♈	
morning max el	-226 Jun 04 j 06:04	22°♈40’13	45°45’00
	-226 Jun 11 j 18:04	0°♉	
	-226 Jul 09 j 23:49	0°♊	
	-226 Aug 05 j 05:29	0°♋	
asc. node	-226 Aug 21 j 03:25	18°♋51’26	
	-226 Aug 30 j 09:21	0°♌	
	-226 Sep 23 j 20:52	0°♍	
	-226 Oct 17 j 22:37	0°♎	
	-226 Nov 10 j 19:45	0°♏	
morning set	-226 Dec 02 j 04:55	26°♏54’46	
	-226 Dec 04 j 15:49	0°♐	
desc. node	-226 Dec 10 j 17:27	7°♐37’49	
	-226 Dec 28 j 12:49	0°♑	
superior conj	-225 Jan 13 j 04:31	19°♑37’00	-1°-8’-27
minimum elong	-225 Jan 12 j 17:16	19°♑01’49	1°08’08
max. Earth dist.	-225 Jan 17 j 07:53	24°♑47’50	1.71624 AU

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-225 Jan 21 j 11:45	0°♒		
	-225 Feb 14 j 13:28	0°♓		
evening rise	-225 Feb 22 j 13:12	9°♓55’01		
	-225 Mar 10 j 19:02	0°♈		
asc. node	-225 Apr 02 j 20:21	28°♈18’30		
	-225 Apr 04 j 05:35	0°♉		
	-225 Apr 28 j 22:15	0°♊		
	-225 May 23 j 22:36	0°♋		
	-225 Jun 18 j 09:57	0°♌		
	-225 Jul 14 j 16:01	0°♍		
desc. node	-225 Jul 23 j 10:01	9°♍41’06		
	-225 Aug 11 j 13:28	0°♎		
evening max el	-225 Aug 19 j 16:31	8°♎06’56	46°33’22	
	-225 Sep 14 j 07:14	0°♏		
greatest brilliancy	-225 Sep 27 j 22:27	7°♏26’10	-4.6m	
retrograde	-225 Oct 08 j 11:38	9°♏29’04		
evening set	-225 Oct 23 j 15:32	5°♏01’42		
inferior conj	-225 Oct 29 j 01:22	1°♏51’05	-3°-53’-2	
minimum elong	-225 Oct 29 j 09:33	1°♏38’38	3°50’40	
min. Earth dist.	-225 Oct 29 j 10:51	1°♏36’39	0.26478 AU	
	-225 Nov 01 j 03:10	30°♎		
morning rise	-225 Nov 04 j 03:14	28°♎18’27		
asc. node	-225 Nov 13 j 12:53	24°♎43’20		
direct	-225 Nov 18 j 11:25	24°♎13’18		
greatest brilliancy	-225 Dec 01 j 00:44	27°♎09’35	-4.7m	
	-225 Dec 06 j 12:21	0°♏		
morning max el	-224 Jan 08 j 00:27	27°♏24’39	46°50’19	
	-224 Jan 10 j 13:27	0°♐		
	-224 Feb 07 j 04:46	0°♑		
desc. node	-224 Mar 04 j 02:57	29°♑50’45		
	-224 Mar 04 j 06:07	0°♒		
	-224 Mar 29 j 16:34	0°♓		
	-224 Apr 23 j 19:29	0°♈		
	-224 May 18 j 17:19	0°♉		
	-224 Jun 12 j 10:23	0°♊		
asc. node	-224 Jun 25 j 05:48	15°♊39’18		
	-224 Jul 06 j 22:08	0°♋		
morning set	-224 Jul 07 j 00:36	0°♋07’34		
	-224 Jul 31 j 04:35	0°♌		
max. Earth dist.	-224 Aug 08 j 14:47	10°♌28’20	1.72404 AU	
superior conj	-224 Aug 12 j 14:16	15°♌25’32	1°22’39	
minimum elong	-224 Aug 12 j 10:30	15°♌13’48	1°22’38	
	-224 Aug 24 j 06:47	0°♍		
	-224 Sep 17 j 06:36	0°♎		
evening rise	-224 Sep 19 j 07:33	2°♎33’09		
	-224 Oct 11 j 05:54	0°♏		
desc. node	-224 Oct 14 j 19:53	4°♏28’52		
	-224 Nov 04 j 06:01	0°♐		
	-224 Nov 28 j 08:07	0°♑		
	-224 Dec 22 j 14:27	0°♒		
	-223 Jan 16 j 05:46	0°♓		
asc. node	-223 Feb 04 j 22:25	23°♓23’04		
	-223 Feb 10 j 15:00	0°♈		
	-223 Mar 09 j 13:06	0°♉		
evening max el	-223 Mar 25 j 09:02	16°♉07’53	45°30’37	
	-223 Apr 09 j 19:10	0°♊		
greatest brilliancy	-223 Apr 28 j 14:51	12°♊28’44	-4.5m	
retrograde	-223 May 13 j 00:44	16°♊06’38		
desc. node	-223 May 27 j 12:25	12°♊04’12		
evening set	-223 May 28 j 01:34	11°♊46’38		
inferior conj	-223 Jun 03 j 12:40	7°♊55’49	-1°-37’-53	
minimum elong	-223 Jun 03 j 09:07	8°♊01’22	1°36’51	
min. Earth dist.	-223 Jun 03 j 17:18	7°♊48’35	0.28960 AU	
morning rise	-223 Jun 09 j 16:19	4°♊13’42		
	-223 Jun 20 j 19:00	30°♉		
direct	-223 Jun 25 j 04:37	29°♉37’13		
	-223 Jun 29 j 16:50	0°♊		
greatest brilliancy	-223 Jul 09 j 08:41	3°♊05’20	-4.5m	
morning max el	-223 Aug 13 j 08:55	29°♊56’02	46°04’51	
	-223 Aug 13 j 10:33	0°♋		
	-223 Sep 10 j 21:15	0°♌		
asc. node	-223 Sep 17 j 15:25	7°♌38’54		
	-223 Oct 06 j 18:35	0°♍		
	-223 Oct 31 j 13:12	0°♎		
	-223 Nov 24 j 19:33	0°♏		
	-223 Dec 18 j 21:22	0°♐		
desc. node	-222 Jan 07 j 05:14	24°♐06’43		
	-222 Jan 11 j 22:35	0°♑		
	-222 Feb 05 j 00:55	0°♒		
morning set	-222 Feb 17 j 00:40	14°♒53’32		
	-222 Mar 01 j 05:07	0°♓		
	-222 Mar 25 j 11:37	0°♈		
superior conj	-222 Mar 27 j 17:16	2°♈45’26	-1°-8’-32	
minimum elong	-222 Mar 28 j 02:34	3°♈14’06	1°08’16	
max. Earth dist.	-222 Mar 30 j 00:40	5°♈36’11	1.73166 AU	
	-222 Apr 18 j 20:27	0°♉		
asc. node	-222 Apr 30 j 08:16	14°♉06’45		
evening rise	-222 May 04 j 01:05	18°♉39’05		
	-222 May 13 j 07:18	0°♊		
	-222 Jun 06 j 19:53	0°♋		
	-222 Jul 01 j 10:32	0°♌		
	-222 Jul 26 j 04:44	0°♍		
desc. node	-222 Aug 19 j 21:58	29°♍38’47		
	-222 Aug 20 j 05:05	0°♎		
	-222 Sep 14 j 15:56	0°♏		
	-222 Oct 10 j 23:29	0°♐		
evening max el	-222 Oct 31 j 14:04	22°♐01’17	47°25’14	
	-222 Nov 08 j 15:46	0°♑		
greatest brilliancy	-222 Dec 08 j 19:20	22°♑47’28	-4.7m	
asc. node	-222 Dec 11 j 00:49	23°♑44’05		
retrograde	-222 Dec 21 j 15:45	25°♑54’32		
evening set	-221 Jan 06 j 12:20	20°♑52’49		
min. Earth dist.	-221 Jan 10 j 10:04	18°♑31’10	0.27189 AU	
inferior conj	-221 Jan 11 j 10:37	17°♑52’56	6°55’57	
minimum elong	-221 Jan 11 j 00:50	18°♑08’10	6°54’05	
morning rise	-221 Jan 15 j 13:49	15°♑21’43		
direct	-221 Jan 31 j 22:56	10°♑05’06		
greatest brilliancy	-221 Feb 11 j 13:57	12°♑11’03	-4.6m	
	-221 Mar 10 j 07:29	0°♒		
morning max el	-221 Mar 22 j 09:20	11°♒09’49	46°11’08	
desc. node	-221 Apr 01 j 14:51	21°♒24’33		
	-221 Apr 09 j 19:55	0°♓		
	-221 May 07 j 02:04	0°♈		
	-221 Jun 02 j 03:47	0°♉		
	-221 Jun 27 j 13:18	0°♊		
	-221 Jul 22 j 10:27	0°♋		
asc. node	-221 Jul 23 j 17:38	1°♋34’53		
	-221 Aug 15 j 21:17	0°♌		
	-221 Sep 09 j 00:12	0°♍		
morning set	-221 Sep 15 j 17:43	8°♍25’14		
	-221 Oct 02 j 22:16	0°♎		
superior conj	-221 Oct 24 j 21:56	27°♎40’12	0°41’52	
minimum elong	-221 Oct 25 j 07:25	28°♎10’04	0°41’28	
max. Earth dist.	-221 Oct 24 j 17:04	27°♎24’53	1.71084 AU	
	-221 Oct 26 j 18:20	0°♏		
desc. node	-221 Nov 12 j 07:42	20°♏50’42		
	-221 Nov 19 j 14:23	0°♐		
evening rise	-221 Dec 05 j 14:15	20°♐06’04		
	-221 Dec 13 j 11:36	0°♑		
	-220 Jan 06 j 11:09	0°♒		
	-220 Jan 30 j 14:55	0°♓		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-220 Feb 24 j 01:47	0°♈		
asc. node	-220 Mar 04 j 10:32	11°♈21’23		
	-220 Mar 19 j 23:45	0°♉		
	-220 Apr 14 j 14:54	0°♊		
	-220 May 11 j 12:08	0°♋		
evening max el	-220 Jun 04 j 06:26	24°♋17’04	45°24’57	
	-220 Jun 10 j 10:03	0°♌		
desc. node	-220 Jun 24 j 00:17	11°♌18’33		
greatest brilliancy	-220 Jul 11 j 01:49	21°♌23’18	-4.5m	
retrograde	-220 Jul 22 j 22:20	23°♌51’22		
evening set	-220 Aug 09 j 13:07	18°♌04’33		
inferior conj	-220 Aug 13 j 02:01	15°♌55’59	-8°-34’-29	
minimum elong	-220 Aug 12 j 21:45	16°♌02’32	8°34’15	
min. Earth dist.	-220 Aug 13 j 13:29	15°♌38’21	0.28189 AU	
morning rise	-220 Aug 16 j 06:13	14°♌00’00		
direct	-220 Sep 03 j 10:08	7°♌50’43		
greatest brilliancy	-220 Sep 17 j 17:44	11°♌31’58	-4.6m	
	-220 Oct 12 j 21:57	0°♍		
asc. node	-220 Oct 15 j 03:10	2°♍03’49		
morning max el	-220 Oct 23 j 22:36	10°♍42’03	46°45’41	
	-220 Nov 10 j 23:50	0°♎		
	-220 Dec 06 j 23:56	0°♏		
	-219 Jan 01 j 00:03	0°♐		
	-219 Jan 25 j 15:27	0°♑		
desc. node	-219 Feb 03 j 17:06	11°♑05’01		
	-219 Feb 19 j 04:00	0°♒		
	-219 Mar 15 j 15:57	0°♓		
	-219 Apr 09 j 03:59	0°♈		
morning set	-219 Apr 28 j 11:31	23°♈38’59		
	-219 May 03 j 15:57	0°♉		
asc. node	-219 May 27 j 20:02	29°♉38’21		
	-219 May 28 j 03:05	0°♊		
max. Earth dist.	-219 Jun 02 j 03:44	6°♊10’22	1.73611 AU	
superior conj	-219 Jun 03 j 21:07	8°♊17’29	0°16’36	
minimum elong	-219 Jun 03 j 17:50	8°♊07’23	0°16’26	
	-219 Jun 21 j 12:34	0°♋		
evening rise	-219 Jul 09 j 14:20	22°♋17’16		
	-219 Jul 15 j 20:11	0°♌		
	-219 Aug 09 j 02:45	0°♍		
	-219 Sep 02 j 09:38	0°♎		
desc. node	-219 Sep 16 j 10:02	17°♎16’41		
	-219 Sep 26 j 18:20	0°♏		
	-219 Oct 21 j 06:32	0°♐		
	-219 Nov 15 j 01:41	0°♑		
	-219 Dec 10 j 12:42	0°♒		
	-218 Jan 06 j 16:46	0°♓		
asc. node	-218 Jan 07 j 12:38	0°♓51’33		
evening max el	-218 Jan 11 j 03:36	4°♓34’06	46°42’46	
	-218 Feb 09 j 21:19	0°♈		
greatest brilliancy	-218 Feb 15 j 23:28	3°♈25’38	-4.6m	
retrograde	-218 Mar 02 j 09:56	7°♈10’47		
evening set	-218 Mar 19 j 14:46	1°♈25’35		
	-218 Mar 21 j 22:04	30°♓		
inferior conj	-218 Mar 23 j 16:47	28°♓52’14	7°11’43	
minimum elong	-218 Mar 24 j 01:28	28°♓38’26	7°10’21	
min. Earth dist.	-218 Mar 23 j 15:35	28°♓54’08	0.28781 AU	
morning rise	-218 Mar 28 j 12:28	25°♓53’25		
direct	-218 Apr 14 j 02:15	20°♓37’26		
greatest brilliancy	-218 Apr 26 j 04:34	23°♓14’26	-4.5m	
desc. node	-218 Apr 29 j 02:29	24°♓32’45		
	-218 May 08 j 09:20	0°♈		
morning max el	-218 Jun 01 j 20:58	20°♈27’45	45°45’10	
	-218 Jun 11 j 13:38	0°♉		
	-218 Jul 09 j 14:35	0°♊		
	-218 Aug 04 j 18:24	0°♋		
asc. node	-218 Aug 20 j 05:37	18°♋21’07		
	-218 Aug 29 j 21:25	0°♌		
	-218 Sep 23 j 08:31	0°♍		
	-218 Oct 17 j 10:03	0°♎		
	-218 Nov 10 j 07:04	0°♏		
morning set	-218 Nov 29 j 14:43	24°♏19’09		
	-218 Dec 04 j 03:04	0°♐		
desc. node	-218 Dec 09 j 19:26	7°♐08’47		
	-218 Dec 28 j 00:01	0°♑		
superior conj	-217 Jan 10 j 14:45	17°♑03’57	-1°-6’-2	
minimum elong	-217 Jan 10 j 03:13	16°♑27’50	1°05’41	
max. Earth dist.	-217 Jan 14 j 16:55	22°♑11’05	1.71573 AU	
	-217 Jan 20 j 22:54	0°♒		
	-217 Feb 14 j 00:35	0°♓		
evening rise	-217 Feb 20 j 01:55	7°♓31’07		
	-217 Mar 10 j 06:10	0°♈		
asc. node	-217 Apr 01 j 22:28	27°♈50’29		
	-217 Apr 03 j 16:53	0°♉		
	-217 Apr 28 j 09:53	0°♊		
	-217 May 23 j 10:51	0°♋		
	-217 Jun 17 j 23:21	0°♌		
	-217 Jul 14 j 07:42	0°♍		
desc. node	-217 Jul 22 j 12:07	9°♍00’45		
	-217 Aug 11 j 10:45	0°♎		
evening max el	-217 Aug 17 j 04:19	5°♎40’41	46°30’29	
	-217 Sep 15 j 13:34	0°♏		
greatest brilliancy	-217 Sep 25 j 12:04	4°♏59’06	-4.6m	
retrograde	-217 Oct 05 j 22:56	7°♏00’12		
evening set	-217 Oct 21 j 06:17	2°♏28’48		
	-217 Oct 25 j 12:34	30°♎		
inferior conj	-217 Oct 26 j 13:29	29°♎22’12	-4°-14’-49	
minimum elong	-217 Oct 26 j 22:16	29°♎08’52	4°12’19	
min. Earth dist.	-217 Oct 27 j 00:42	29°♎05’09	0.26517 AU	
morning rise	-217 Nov 01 j 13:46	25°♎51’32		
asc. node	-217 Nov 12 j 14:56	21°♎57’13		
direct	-217 Nov 15 j 23:25	21°♎43’20		
greatest brilliancy	-217 Nov 28 j 16:43	24°♎43’38	-4.7m	
	-217 Dec 07 j 23:57	0°♏		
morning max el	-216 Jan 05 j 13:25	24°♏56’52	46°51’16	
	-216 Jan 10 j 11:29	0°♐		
	-216 Feb 06 j 21:06	0°♑		
desc. node	-216 Mar 03 j 05:11	29°♑16’18		
	-216 Mar 03 j 20:06	0°♒		
	-216 Mar 29 j 05:16	0°♓		
	-216 Apr 23 j 07:25	0°♈		
	-216 May 18 j 04:46	0°♉		
	-216 Jun 11 j 21:31	0°♊		
asc. node	-216 Jun 24 j 07:53	15°♊11’52		
morning set	-216 Jul 04 j 18:38	28°♊01’34		
	-216 Jul 06 j 09:07	0°♋		
	-216 Jul 30 j 15:31	0°♌		
max. Earth dist.	-216 Aug 06 j 10:04	8°♌24’58	1.72460 AU	
superior conj	-216 Aug 10 j 07:28	13°♌15’31	1°21’55	
minimum elong	-216 Aug 10 j 03:04	13°♌01’52	1°21’52	
	-216 Aug 23 j 17:46	0°♍		
	-216 Sep 16 j 17:45	0°♎		
evening rise	-216 Sep 16 j 21:33	0°♎11’53		
	-216 Oct 10 j 17:17	0°♏		
desc. node	-216 Oct 13 j 21:55	3°♏59’33		
	-216 Nov 03 j 17:40	0°♐		
	-216 Nov 27 j 20:03	0°♑		
	-216 Dec 22 j 02:47	0°♒		
	-215 Jan 15 j 18:48	0°♓		
asc. node	-215 Feb 04 j 00:37	22°♓48’28		
	-215 Feb 10 j 05:28	0°♈		
	-215 Mar 09 j 07:07	0°♉		

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

evening max el	-215 Mar 23 j 00:31	13°♉55’15	45°32’21
	-215 Apr 10 j 04:28	0°♊	
greatest brilliancy	-215 Apr 26 j 04:47	10°♊16’39	-4.5m
retrograde	-215 May 10 j 17:33	13°♊57’53	
evening set	-215 May 25 j 17:59	9°♊37’13	
desc. node	-215 May 26 j 14:27	9°♊09’00	
inferior conj	-215 Jun 01 j 05:02	5°♊46’25	-1°-18’-22
minimum elong	-215 Jun 01 j 02:10	5°♊50’53	1°17’33
min. Earth dist.	-215 Jun 01 j 09:41	5°♊39’10	0.28969 AU
morning rise	-215 Jun 07 j 10:05	2°♊02’37	
	-215 Jun 11 j 12:20	30°♉	
direct	-215 Jun 22 j 21:02	27°♉27’30	
	-215 Jul 04 j 21:01	0°♊	
greatest brilliancy	-215 Jul 07 j 01:14	0°♊56’11	-4.5m
morning max el	-215 Aug 11 j 01:35	27°♊46’00	46°03’42
	-215 Aug 13 j 08:25	0°♋	
	-215 Sep 10 j 12:58	0°♌	
asc. node	-215 Sep 16 j 17:29	7°♌01’49	
	-215 Oct 06 j 08:09	0°♍	
	-215 Oct 31 j 01:48	0°♎	
	-215 Nov 24 j 07:40	0°♏	
	-215 Dec 18 j 09:11	0°♐	
desc. node	-214 Jan 06 j 07:21	23°♐37’04	
	-214 Jan 11 j 10:10	0°♑	
	-214 Feb 04 j 12:18	0°♒	
morning set	-214 Feb 14 j 13:03	12°♒27’54	
	-214 Feb 28 j 16:20	0°♓	
	-214 Mar 24 j 22:42	0°♈	
superior conj	-214 Mar 25 j 08:50	0°♈31’15	-1°-10’-30
minimum elong	-214 Mar 25 j 17:56	0°♈59’20	1°10’16
max. Earth dist.	-214 Mar 27 j 18:37	3°♈29’25	1.73124 AU
	-214 Apr 18 j 07:30	0°♉	
asc. node	-214 Apr 29 j 10:14	13°♉38’51	
evening rise	-214 May 01 j 18:55	16°♉32’40	
greatest brilliancy	-214 May 02 j 06:07	17°♉07’02	-3.9m
	-214 May 12 j 18:26	0°♊	
	-214 Jun 06 j 07:12	0°♋	
	-214 Jun 30 j 22:14	0°♌	
	-214 Jul 25 j 17:02	0°♍	
desc. node	-214 Aug 19 j 00:09	29°♍05’57	
	-214 Aug 19 j 18:19	0°♎	
	-214 Sep 14 j 06:44	0°♏	
	-214 Oct 10 j 17:24	0°♐	
evening max el	-214 Oct 29 j 05:27	19°♐40’17	47°24’56
	-214 Nov 08 j 19:10	0°♑	
greatest brilliancy	-214 Dec 06 j 10:08	20°♑22’18	-4.7m
asc. node	-214 Dec 10 j 02:51	21°♑50’48	
retrograde	-214 Dec 19 j 06:21	23°♑28’26	
evening set	-213 Jan 03 j 22:33	18°♑32’07	
min. Earth dist.	-213 Jan 07 j 23:15	16°♑06’18	0.27126 AU
inferior conj	-213 Jan 09 j 00:06	15°♑27’40	6°41’50
minimum elong	-213 Jan 08 j 14:09	15°♑43’08	6°39’50
morning rise	-213 Jan 13 j 06:18	12°♑52’28	
direct	-213 Jan 29 j 12:26	7°♑40’58	
greatest brilliancy	-213 Feb 09 j 02:17	9°♑46’28	-4.6m
	-213 Mar 10 j 13:00	0°♒	
morning max el	-213 Mar 20 j 00:08	8°♒52’16	46°12’29
desc. node	-213 Mar 31 j 16:50	20°♒38’27	
	-213 Apr 09 j 13:51	0°♓	
	-213 May 06 j 16:34	0°♈	
	-213 Jun 01 j 16:40	0°♉	
	-213 Jun 27 j 01:18	0°♊	
	-213 Jul 21 j 21:58	0°♋	
asc. node	-213 Jul 22 j 19:46	1°♋06’21	
	-213 Aug 15 j 08:33	0°♌	
	-213 Sep 08 j 11:23	0°♍	
morning set	-213 Sep 13 j 08:21	6°♍05’53	
	-213 Oct 02 j 09:25	0°♎	
max. Earth dist.	-213 Oct 22 j 00:02	24°♎40’36	1.71099 AU
superior conj	-213 Oct 22 j 09:26	25°♎10’09	0°45’10
minimum elong	-213 Oct 22 j 19:20	25°♎41’20	0°44’44
	-213 Oct 26 j 05:30	0°♏	
desc. node	-213 Nov 11 j 09:43	20°♏21’49	
	-213 Nov 19 j 01:36	0°♐	
evening rise	-213 Dec 03 j 00:06	17°♐30’58	
	-213 Dec 12 j 22:53	0°♑	
	-212 Jan 05 j 22:33	0°♒	
	-212 Jan 30 j 02:30	0°♓	
	-212 Feb 23 j 13:43	0°♈	
asc. node	-212 Mar 03 j 12:34	10°♈50’53	
	-212 Mar 19 j 12:20	0°♉	
	-212 Apr 14 j 04:49	0°♊	
	-212 May 11 j 05:06	0°♋	
evening max el	-212 Jun 01 j 21:28	22°♋03’08	45°23’43
	-212 Jun 10 j 13:08	0°♌	
desc. node	-212 Jun 23 j 02:24	10°♌08’40	
greatest brilliancy	-212 Jul 08 j 14:26	19°♌05’49	-4.5m
retrograde	-212 Jul 20 j 11:53	21°♌34’53	
evening set	-212 Aug 07 j 00:39	15°♌52’18	
inferior conj	-212 Aug 10 j 16:33	13°♌39’05	-8°-29’-18
minimum elong	-212 Aug 10 j 11:32	13°♌46’49	8°28’57
min. Earth dist.	-212 Aug 11 j 03:32	13°♌22’11	0.28234 AU
morning rise	-212 Aug 13 j 22:13	11°♌40’37	
direct	-212 Sep 01 j 01:12	5°♌33’11	
greatest brilliancy	-212 Sep 15 j 08:13	9°♌12’53	-4.6m
	-212 Oct 13 j 01:03	0°♍	
asc. node	-212 Oct 14 j 05:08	1°♍06’37	
morning max el	-212 Oct 21 j 12:03	8°♍17’43	46°44’40
	-212 Nov 10 j 17:19	0°♎	
	-212 Dec 06 j 14:28	0°♏	
	-212 Dec 31 j 13:10	0°♐	
	-211 Jan 25 j 03:45	0°♑	
desc. node	-211 Feb 02 j 19:16	10°♑34’41	
	-211 Feb 18 j 15:47	0°♒	
	-211 Mar 15 j 03:21	0°♓	
	-211 Apr 08 j 15:07	0°♈	
morning set	-211 Apr 26 j 05:19	21°♈32’54	
	-211 May 03 j 02:54	0°♉	
asc. node	-211 May 26 j 22:08	29°♉11’28	
	-211 May 27 j 13:57	0°♊	
max. Earth dist.	-211 May 30 j 23:47	4°♊11’10	1.73624 AU
superior conj	-211 Jun 01 j 15:35	6°♊13’23	0°13’31
minimum elong	-211 Jun 01 j 12:53	6°♊05’06	0°13’24
behind sun begin	-211 Jun 01 j 00:55	5°♊28’21	
behind sun end	-211 Jun 02 j 00:51	6°♊41’51	
	-211 Jun 20 j 23:27	0°♋	
evening rise	-211 Jul 07 j 08:57	20°♋12’42	
	-211 Jul 15 j 07:13	0°♌	
	-211 Aug 08 j 14:02	0°♍	
	-211 Sep 01 j 21:16	0°♎	
desc. node	-211 Sep 15 j 12:01	16°♎46’11	
	-211 Sep 26 j 06:26	0°♏	
	-211 Oct 20 j 19:16	0°♐	
	-211 Nov 14 j 15:24	0°♑	
	-211 Dec 10 j 04:17	0°♒	
	-210 Jan 06 j 13:16	0°♓	
asc. node	-210 Jan 06 j 14:50	0°♓04’00	
evening max el	-210 Jan 08 j 17:53	2°♓14’13	46°45’21
	-210 Feb 11 j 07:21	0°♈	
greatest brilliancy	-210 Feb 13 j 17:20	1°♈15’09	-4.6m
retrograde	-210 Feb 28 j 01:58	4°♈59’01	

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

	-210 Mar 16 j 00:03	30°♓	
evening set	-210 Mar 17 j 09:41	29°♓10’11	
inferior conj	-210 Mar 21 j 09:08	26°♓40’41	7°22’21
minimum elong	-210 Mar 21 j 17:29	26°♓27’23	7°21’07
min. Earth dist.	-210 Mar 21 j 07:29	26°♓43’18	0.28753 AU
morning rise	-210 Mar 26 j 01:32	23°♓46’21	
direct	-210 Apr 11 j 17:32	18°♓26’22	
greatest brilliancy	-210 Apr 23 j 18:32	21°♓01’24	-4.5m
desc. node	-210 Apr 28 j 04:33	23°♓04’39	
	-210 May 09 j 03:30	0°♈	
morning max el	-210 May 30 j 11:53	18°♈15’03	45°45’17
	-210 Jun 11 j 08:43	0°♉	
	-210 Jul 09 j 05:16	0°♊	
	-210 Aug 04 j 07:18	0°♋	
asc. node	-210 Aug 19 j 07:42	17°♋50’26	
	-210 Aug 29 j 09:27	0°♌	
	-210 Sep 22 j 20:06	0°♍	
	-210 Oct 16 j 21:24	0°♎	
	-210 Nov 09 j 18:18	0°♏	
morning set	-210 Nov 27 j 00:36	21°♏43’57	
	-210 Dec 03 j 14:14	0°♐	
desc. node	-210 Dec 08 j 21:34	6°♐40’28	
	-210 Dec 27 j 11:06	0°♑	
superior conj	-209 Jan 08 j 01:06	14°♑31’30	-1°-3’-28
minimum elong	-209 Jan 07 j 13:22	13°♑54’47	1°03’07
max. Earth dist.	-209 Jan 11 j 23:12	19°♑26’08	1.71520 AU
	-209 Jan 20 j 09:54	0°♒	
	-209 Feb 13 j 11:31	0°♓	
evening rise	-209 Feb 17 j 14:48	5°♓08’11	
	-209 Mar 09 j 17:08	0°♈	
asc. node	-209 Apr 01 j 00:27	27°♈22’36	
	-209 Apr 03 j 04:00	0°♉	
	-209 Apr 27 j 21:23	0°♊	
	-209 May 22 j 23:03	0°♋	
	-209 Jun 17 j 12:47	0°♌	
	-209 Jul 13 j 23:34	0°♍	
desc. node	-209 Jul 21 j 14:16	8°♍20’18	
	-209 Aug 11 j 08:44	0°♎	
evening max el	-209 Aug 14 j 16:23	3°♎15’33	46°27’46
	-209 Sep 17 j 09:06	0°♏	
greatest brilliancy	-209 Sep 23 j 00:38	2°♏31’29	-4.6m
retrograde	-209 Oct 03 j 10:42	4°♏32’05	
evening set	-209 Oct 18 j 21:08	29°♎56’12	
	-209 Oct 18 j 18:21	30°♎	
inferior conj	-209 Oct 24 j 01:34	26°♎53’47	-4°-36’00
minimum elong	-209 Oct 24 j 10:52	26°♎39’41	4°33’25
min. Earth dist.	-209 Oct 24 j 14:11	26°♎34’39	0.26558 AU
morning rise	-209 Oct 30 j 00:06	23°♎25’41	
asc. node	-209 Nov 11 j 17:03	19°♎17’50	
direct	-209 Nov 13 j 11:53	19°♎13’53	
greatest brilliancy	-209 Nov 26 j 08:31	22°♎18’14	-4.7m
	-209 Dec 09 j 01:01	0°♏	
morning max el	-208 Jan 03 j 03:24	22°♏32’21	46°52’11
	-208 Jan 10 j 08:29	0°♐	
	-208 Feb 06 j 12:53	0°♑	
desc. node	-208 Mar 02 j 07:06	28°♑42’03	
	-208 Mar 03 j 09:39	0°♒	
	-208 Mar 28 j 17:36	0°♓	
	-208 Apr 22 j 18:59	0°♈	
	-208 May 17 j 15:53	0°♉	
	-208 Jun 11 j 08:23	0°♊	
asc. node	-208 Jun 23 j 10:02	14°♊45’28	
morning set	-208 Jul 02 j 12:38	25°♊56’14	
	-208 Jul 05 j 19:53	0°♋	
	-208 Jul 30 j 02:16	0°♌	
max. Earth dist.	-208 Aug 04 j 04:28	6°♌19’28	1.72516 AU
superior conj	-208 Aug 08 j 00:29	11°♌05’35	1°21’02
minimum elong	-208 Aug 07 j 19:29	10°♌50’03	1°20’58
	-208 Aug 23 j 04:35	0°♍	
evening rise	-208 Sep 14 j 11:22	27°♍50’44	
	-208 Sep 16 j 04:43	0°♎	
	-208 Oct 10 j 04:27	0°♏	
desc. node	-208 Oct 12 j 23:56	3°♏30’54	
	-208 Nov 03 j 05:03	0°♐	
	-208 Nov 27 j 07:43	0°♑	
	-208 Dec 21 j 14:52	0°♒	
	-207 Jan 15 j 07:36	0°♓	
asc. node	-207 Feb 03 j 02:39	22°♓14’09	
	-207 Feb 09 j 19:45	0°♈	
	-207 Mar 09 j 01:06	0°♉	
evening max el	-207 Mar 20 j 16:55	11°♉46’09	45°34’14
	-207 Apr 10 j 16:13	0°♊	
greatest brilliancy	-207 Apr 23 j 19:44	8°♊07’31	-4.5m
retrograde	-207 May 08 j 10:40	11°♊50’47	
evening set	-207 May 23 j 10:47	7°♊29’32	
desc. node	-207 May 25 j 16:32	6°♊13’17	
inferior conj	-207 May 29 j 21:34	3°♊38’44	0°-58’-55
minimum elong	-207 May 29 j 19:24	3°♊42’07	0°58’19
min. Earth dist.	-207 May 30 j 01:58	3°♊31’52	0.28979 AU
	-207 Jun 04 j 23:06	30°♉	
morning rise	-207 Jun 05 j 03:52	29°♉53’25	
direct	-207 Jun 20 j 14:02	25°♉19’42	
greatest brilliancy	-207 Jul 04 j 16:52	28°♉47’29	-4.5m
	-207 Jul 07 j 04:11	0°♊	
morning max el	-207 Aug 08 j 18:30	25°♊37’45	46°02’17
	-207 Aug 13 j 05:07	0°♋	
	-207 Sep 10 j 04:10	0°♌	
asc. node	-207 Sep 15 j 19:28	6°♌25’33	
	-207 Oct 05 j 21:23	0°♍	
	-207 Oct 30 j 14:08	0°♎	
	-207 Nov 23 j 19:29	0°♏	
	-207 Dec 17 j 20:39	0°♐	
desc. node	-206 Jan 05 j 09:28	23°♐08’37	
	-206 Jan 10 j 21:22	0°♑	
	-206 Feb 03 j 23:17	0°♒	
morning set	-206 Feb 12 j 01:24	10°♒03’11	
	-206 Feb 28 j 03:10	0°♓	
superior conj	-206 Mar 23 j 00:28	28°♓18’16	-1°-12’-21
minimum elong	-206 Mar 23 j 09:20	28°♓45’38	1°12’09
	-206 Mar 24 j 09:26	0°♈	
max. Earth dist.	-206 Mar 25 j 13:53	1°♈27’46	1.73078 AU
	-206 Apr 17 j 18:10	0°♉	
asc. node	-206 Apr 28 j 12:24	13°♉12’48	
evening rise	-206 Apr 29 j 12:56	14°♉28’00	
greatest brilliancy	-206 May 03 j 17:42	19°♉36’55	-3.9m
	-206 May 12 j 05:08	0°♊	
	-206 Jun 05 j 18:07	0°♋	
	-206 Jun 30 j 09:33	0°♌	
	-206 Jul 25 j 05:01	0°♍	
desc. node	-206 Aug 18 j 02:05	28°♍33’11	
	-206 Aug 19 j 07:20	0°♎	
	-206 Sep 13 j 21:27	0°♏	
	-206 Oct 10 j 11:31	0°♐	
evening max el	-206 Oct 26 j 21:14	17°♐20’51	47°24’31
	-206 Nov 09 j 00:04	0°♑	
greatest brilliancy	-206 Dec 04 j 01:50	17°♑58’49	-4.7m
asc. node	-206 Dec 09 j 05:01	19°♑53’43	
retrograde	-206 Dec 16 j 20:40	21°♑02’34	
evening set	-205 Jan 01 j 08:50	16°♑11’57	
min. Earth dist.	-205 Jan 05 j 12:34	13°♑41’42	0.27057 AU
inferior conj	-205 Jan 06 j 13:29	13°♑02’57	6°26’57
minimum elong	-205 Jan 06 j 03:26	13°♑18’35	6°24’50

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

morning rise	-205 Jan	10 j 22:40	10°♉23'38			-203 Jul	14 j 18:01	0°♌	
direct	-205 Jan	27 j 01:48	5°♉17'38			-203 Aug	08 j 01:03	0°♍	
greatest brilliancy	-205 Feb	06 j 14:20	7°♉22'10	-4.6m		-203 Sep	01 j 08:38	0°♎	
	-205 Mar	10 j 16:12	0°♒		desc. node	-203 Sep	14 j 14:07	16°♎16'53	
morning max el	-205 Mar	17 j 14:12	6°♒33'55	46°13'53		-203 Sep	25 j 18:17	0°♏	
desc. node	-205 Mar	30 j 18:55	19°♒54'26			-203 Oct	20 j 07:51	0°♐	
	-205 Apr	09 j 06:58	0°♓			-203 Nov	14 j 05:05	0°♑	
	-205 May	06 j 06:28	0°♈			-203 Dec	09 j 20:03	0°♒	
	-205 Jun	01 j 05:03	0°♉		asc. node	-202 Jan	05 j 16:51	29°♒15'06	
	-205 Jun	26 j 12:50	0°♊		evening max el	-202 Jan	06 j 07:50	29°♒53'10	46°47'50
	-205 Jul	21 j 09:02	0°♋			-202 Jan	06 j 10:32	0°♓	
asc. node	-205 Jul	21 j 21:52	0°♋39'04		greatest brilliancy	-202 Feb	11 j 10:18	29°♓02'46	-4.6m
	-205 Aug	14 j 19:24	0°♌			-202 Feb	13 j 12:11	0°♈	
	-205 Sep	07 j 22:11	0°♍		retrograde	-202 Feb	25 j 17:53	2°♈46'31	
morning set	-205 Sep	10 j 23:09	3°♍48'12			-202 Mar	09 j 10:51	30°♓	
	-205 Oct	01 j 20:16	0°♎		evening set	-202 Mar	15 j 04:14	26°♓53'54	
max. Earth dist.	-205 Oct	19 j 03:20	21°♎45'35	1.71125 AU	inferior conj	-202 Mar	19 j 01:13	24°♓28'21	7°32'23
					minimum elong	-202 Mar	19 j 09:12	24°♓15'40	7°31'18
superior conj	-205 Oct	19 j 20:56	22°♎40'58	0°48'21	min. Earth dist.	-202 Mar	18 j 23:07	24°♓31'42	0.28722 AU
minimum elong	-205 Oct	20 j 07:09	23°♎13'09	0°47'56	morning rise	-202 Mar	23 j 14:20	21°♓38'49	
	-205 Oct	25 j 16:26	0°♏		direct	-202 Apr	09 j 08:27	16°♓14'24	
desc. node	-205 Nov	10 j 11:54	19°♏54'09		greatest brilliancy	-202 Apr	21 j 09:03	18°♓48'43	-4.5m
	-205 Nov	18 j 12:36	0°♐		desc. node	-202 Apr	27 j 06:44	21°♓39'25	
evening rise	-205 Nov	30 j 09:28	14°♐54'56			-202 May	09 j 17:04	0°♈	
	-205 Dec	12 j 09:57	0°♑		morning max el	-202 May	28 j 03:07	16°♈03'17	45°45'36
	-204 Jan	05 j 09:43	0°♒			-202 Jun	11 j 03:12	0°♉	
	-204 Jan	29 j 13:50	0°♓			-202 Jul	08 j 19:37	0°♊	
	-204 Feb	23 j 01:23	0°♈			-202 Aug	03 j 19:59	0°♋	
asc. node	-204 Mar	02 j 14:35	10°♈21'13		asc. node	-202 Aug	18 j 09:39	17°♋19'58	
	-204 Mar	19 j 00:39	0°♉			-202 Aug	28 j 21:17	0°♌	
	-204 Apr	13 j 18:31	0°♊			-202 Sep	22 j 07:30	0°♍	
	-204 May	10 j 21:58	0°♋			-202 Oct	16 j 08:35	0°♎	
evening max el	-204 May	30 j 11:59	19°♋49'19	45°22'41		-202 Nov	09 j 05:22	0°♏	
	-204 Jun	10 j 17:16	0°♌		morning set	-202 Nov	24 j 10:53	19°♏10'27	
desc. node	-204 Jun	22 j 04:33	8°♌58'33			-202 Dec	03 j 01:16	0°♐	
greatest brilliancy	-204 Jul	06 j 03:13	16°♌50'29	-4.5m	desc. node	-202 Dec	07 j 23:40	6°♐12'23	
retrograde	-204 Jul	18 j 01:39	19°♌21'07			-202 Dec	26 j 22:08	0°♑	
evening set	-204 Aug	04 j 12:20	13°♌42'47						
inferior conj	-204 Aug	08 j 07:29	11°♌24'48	-8°-23'-13	superior conj	-201 Jan	05 j 11:14	11°♑58'27	-1°00'-46
minimum elong	-204 Aug	08 j 01:45	11°♌33'38	8°22'45	minimum elong	-201 Jan	04 j 23:25	11°♑21'27	1°00'23
min. Earth dist.	-204 Aug	08 j 18:07	11°♌08'24	0.28280 AU	max. Earth dist.	-201 Jan	09 j 04:04	16°♑36'41	1.71479 AU
morning rise	-204 Aug	11 j 14:56	9°♌23'29			-201 Jan	19 j 20:54	0°♒	
direct	-204 Aug	29 j 16:14	3°♌18'07			-201 Feb	12 j 22:30	0°♓	
greatest brilliancy	-204 Sep	12 j 23:51	6°♌57'26	-4.6m	evening rise	-201 Feb	15 j 03:12	2°♓43'37	
	-204 Oct	13 j 02:10	0°♍			-201 Mar	09 j 04:10	0°♈	
asc. node	-204 Oct	13 j 07:21	0°♍12'30		asc. node	-201 Mar	31 j 02:36	26°♈55'00	
morning max el	-204 Oct	19 j 01:18	5°♍54'08	46°43'22		-201 Apr	02 j 15:13	0°♉	
	-204 Nov	10 j 10:09	0°♎			-201 Apr	27 j 08:58	0°♊	
	-204 Dec	06 j 04:39	0°♏			-201 May	22 j 11:19	0°♋	
	-204 Dec	31 j 02:05	0°♐			-201 Jun	17 j 02:20	0°♌	
	-203 Jan	24 j 15:54	0°♑			-201 Jul	13 j 15:40	0°♍	
desc. node	-203 Feb	01 j 21:17	10°♑04'18		desc. node	-201 Jul	20 j 16:14	7°♍38'58	
	-203 Feb	18 j 03:23	0°♒			-201 Aug	11 j 07:31	0°♎	
	-203 Mar	14 j 14:34	0°♓		evening max el	-201 Aug	12 j 05:36	0°♎53'44	46°25'10
	-203 Apr	08 j 02:01	0°♈			-201 Sep	20 j 07:58	0°♏	
morning set	-203 Apr	23 j 23:00	19°♈27'06		greatest brilliancy	-201 Sep	20 j 12:24	0°♏04'06	-4.6m
	-203 May	02 j 13:37	0°♉		retrograde	-201 Sep	30 j 23:12	2°♏05'10	
asc. node	-203 May	26 j 00:17	28°♉45'25			-201 Oct	11 j 03:45	30°♎	
	-203 May	27 j 00:35	0°♊		evening set	-201 Oct	16 j 12:21	27°♎24'42	
max. Earth dist.	-203 May	28 j 19:32	2°♊11'49	1.73635 AU	inferior conj	-201 Oct	21 j 13:53	24°♎26'25	-4°-56'-20
					minimum elong	-201 Oct	21 j 23:39	24°♎11'39	4°53'43
superior conj	-203 May	30 j 10:12	4°♊10'33	0°10'27	min. Earth dist.	-201 Oct	22 j 03:25	24°♎05'56	0.26601 AU
minimum elong	-203 May	30 j 08:06	4°♊04'07	0°10'21	morning rise	-201 Oct	27 j 10:27	21°♎01'20	
behind sun begin	-203 May	29 j 15:03	3°♊11'45		direct	-201 Nov	11 j 01:09	16°♎45'45	
behind sun end	-203 May	31 j 01:10	4°♊56'30		asc. node	-201 Nov	10 j 19:08	16°♎45'50	
	-203 Jun	20 j 10:07	0°♋		greatest brilliancy	-201 Nov	23 j 23:40	19°♎53'00	-4.7m
evening rise	-203 Jul	05 j 03:57	18°♋10'11			-201 Dec	09 j 19:12	0°♏	

Attention, astronomical year style is used: The year -301 in astronomical counting style is the year 302 BCE in historical counting style.

morning max el	-201 Dec 31 j 18:01	20°♏09’49	46°52’50
	-200 Jan 10 j 04:42	0°♐	
	-200 Feb 06 j 04:27	0°♑	
desc. node	-200 Mar 01 j 09:11	28°♑08’09	
	-200 Mar 02 j 23:12	0°♒	
	-200 Mar 28 j 06:01	0°♓	
	-200 Apr 22 j 06:43	0°♈	
	-200 May 17 j 03:10	0°♉	
	-200 Jun 10 j 19:23	0°♊	
asc. node	-200 Jun 22 j 12:03	14°♊18’13	
morning set	-200 Jun 30 j 06:34	23°♊50’27	
	-200 Jul 05 j 06:44	0°♋	
	-200 Jul 29 j 13:06	0°♌	
max. Earth dist.	-200 Aug 01 j 22:21	4°♌12’11	1.72569 AU
superior conj	-200 Aug 05 j 17:34	8°♌55’38	1°20’02
minimum elong	-200 Aug 05 j 12:02	8°♌38’24	1°19’58
	-200 Aug 22 j 15:31	0°♍	