

Planetary Phenomena of Venus from -301 through -200 (UT), Astrodienst AG 24-Mai-2003 10:43, page 1

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

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

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

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

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

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

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

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

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

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

Planetary Phenomena of Venus from -301 through -200 (UT), Astrodienst AG 24-Mai-2003 10:44, page 11

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°≈		asc. node	-248 Jun 27 j 23:34	17°II00'04	
	-250 Jan 07 j 12:29	0°✕			-248 Jul 08 j 13:41	0°☉	
asc. node	-250 Jan 11 j 04:23	3°✕55'59		morning set	-248 Jul 13 j 19:24	6°☉27'04	
evening max el	-250 Jan 20 j 12:30	13°✕36'40	46°32'11		-248 Aug 01 j 20:12	0°♁	
	-250 Feb 07 j 04:34	0°♁		max. Earth dist.	-248 Aug 15 j 16:54	17°♁14'45	1.72227 AU
greatest brilliancy	-250 Feb 24 j 23:56	12°♁05'26	-4.6m				
retrograde	-250 Mar 11 j 14:59	15°♁56'39		superior conj	-248 Aug 19 j 12:08	21°♁59'07	1°24'10
evening set	-250 Mar 28 j 10:47	10°♁26'50		minimum elong	-248 Aug 19 j 10:26	21°♁53'50	1°24'10
inferior conj	-250 Apr 01 j 23:43	7°♁38'06	6°22'52		-248 Aug 25 j 22:12	0°♁	
minimum elong	-250 Apr 02 j 09:07	7°♁23'13	6°21'03		-248 Sep 18 j 21:38	0°♁	
min. Earth dist.	-250 Apr 02 j 02:17	7°♁34'03	0.28884 AU	evening rise	-248 Sep 26 j 15:58	9°♁43'37	
morning rise	-250 Apr 07 j 07:36	4°♁21'40			-248 Oct 12 j 20:23	0°♁	
	-250 Apr 17 j 16:24	30°✕		desc. node	-248 Oct 17 j 13:40	5°♁54'33	
direct	-250 Apr 23 j 09:44	29°✕20'41			-248 Nov 05 j 19:49	0°♁	
	-250 Apr 29 j 07:46	0°♁			-248 Nov 29 j 21:09	0°☾	
desc. node	-250 May 02 j 18:16	0°♁56'06			-248 Dec 24 j 02:26	0°≈	
greatest brilliancy	-250 May 06 j 00:31	2°♁09'08	-4.5m		-247 Jan 17 j 15:54	0°✕	
morning max el	-250 Jun 11 j 05:03	29°♁06'29	45°45'12	asc. node	-247 Feb 07 j 16:11	25°✕04'04	
	-250 Jun 12 j 03:26	0°♁			-247 Feb 11 j 21:21	0°♁	
	-250 Jul 11 j 02:17	0°♁			-247 Mar 10 j 10:20	0°♁	
	-250 Aug 06 j 14:15	0°☉		evening max el	-247 Apr 01 j 12:34	22°♁47'45	45°26'17
asc. node	-250 Aug 23 j 21:11	20°☉23'57			-247 Apr 09 j 05:59	0°♁	
	-250 Aug 31 j 21:02	0°♁		greatest brilliancy	-247 May 05 j 18:29	18°♁59'15	-4.5m
	-250 Sep 25 j 10:01	0°♁		retrograde	-247 May 20 j 00:27	22°♁30'24	
	-250 Oct 19 j 12:32	0°♁		desc. node	-247 May 30 j 06:13	20°♁27'08	
	-250 Nov 12 j 10:06	0°♁		evening set	-247 Jun 04 j 01:17	18°♁10'37	
	-250 Dec 06 j 06:27	0°♁		inferior conj	-247 Jun 10 j 11:22	14°♁20'47	-2°-35'-14
morning set	-250 Dec 09 j 23:24	4°♁39'32		minimum elong	-247 Jun 10 j 05:52	14°♁29'23	2°33'41
desc. node	-250 Dec 13 j 11:14	9°♁02'59		min. Earth dist.	-247 Jun 10 j 14:46	14°♁15'29	0.28925 AU
	-250 Dec 30 j 03:39	0°☾		morning rise	-247 Jun 16 j 10:16	10°♁45'50	
				direct	-247 Jul 02 j 04:40	6°♁03'17	
superior conj	-249 Jan 20 j 20:35	27°☾10'44	-1°-14'-45	greatest brilliancy	-247 Jul 16 j 07:50	9°♁32'17	-4.5m
minimum elong	-249 Jan 20 j 10:43	26°☾39'55	1°14'31		-247 Aug 13 j 11:50	0°☉	
	-249 Jan 23 j 02:46	0°≈		morning max el	-247 Aug 20 j 11:59	6°☉38'04	46°08'49
max. Earth dist.	-249 Jan 24 j 19:07	2°≈06'00	1.71777 AU		-247 Sep 11 j 21:01	0°♁	
	-249 Feb 16 j 04:37	0°✕		asc. node	-247 Sep 20 j 09:09	9°♁30'28	
evening rise	-249 Mar 01 j 21:19	16°✕59'07			-247 Oct 08 j 01:35	0°♁	
	-249 Mar 12 j 10:08	0°♁			-247 Nov 01 j 23:29	0°♁	
asc. node	-249 Apr 05 j 14:06	29°♁40'59			-247 Nov 26 j 07:34	0°♁	
	-249 Apr 05 j 20:19	0°♁			-247 Dec 20 j 10:27	0°♁	
	-249 Apr 30 j 12:01	0°♁		desc. node	-246 Jan 09 j 23:01	25°♁33'56	
	-249 May 25 j 10:32	0°☉			-246 Jan 13 j 12:29	0°☾	
	-249 Jun 19 j 18:37	0°♁			-246 Feb 06 j 15:31	0°≈	
	-249 Jul 15 j 18:32	0°♁		morning set	-246 Feb 24 j 09:20	22°≈00'26	
desc. node	-249 Jul 26 j 03:48	11°♁39'09			-246 Mar 02 j 20:18	0°✕	
	-249 Aug 12 j 01:52	0°♁			-246 Mar 27 j 03:08	0°♁	
evening max el	-249 Aug 27 j 00:46	15°♁15'17	46°41'47				
	-249 Sep 12 j 04:28	0°♁		superior conj	-246 Apr 03 j 16:37	9°♁18'59	-1°-2'-6
greatest brilliancy	-249 Oct 05 j 04:55	14°♁46'03	-4.6m	minimum elong	-246 Apr 04 j 02:07	9°♁48'16	1°01'47
retrograde	-249 Oct 16 j 01:03	16°♁56'25		max. Earth dist.	-246 Apr 05 j 18:55	11°♁53'51	1.73291 AU
evening set	-249 Oct 30 j 19:58	12°♁37'43			-246 Apr 20 j 12:05	0°♁	
inferior conj	-249 Nov 05 j 13:10	9°♁17'19	-2°-44'-37	asc. node	-246 May 03 j 02:02	15°♁26'52	
minimum elong	-249 Nov 05 j 19:14	9°♁08'06	2°42'45	evening rise	-246 May 10 j 18:21	24°♁52'09	
min. Earth dist.	-249 Nov 05 j 18:05	9°♁09'51	0.26400 AU		-246 May 14 j 22:46	0°♁	
morning rise	-249 Nov 11 j 18:22	5°♁41'14			-246 Jun 08 j 10:46	0°☉	
asc. node	-249 Nov 16 j 06:40	3°♁35'56			-246 Jul 03 j 00:22	0°♁	
direct	-249 Nov 25 j 22:15	1°♁40'43			-246 Jul 27 j 16:49	0°♁	
greatest brilliancy	-249 Dec 08 j 05:31	4°♁31'38	-4.7m		-246 Aug 21 j 14:27	0°♁	
	-248 Jan 10 j 14:35	0°♁		desc. node	-246 Aug 22 j 15:45	1°♁15'40	
morning max el	-248 Jan 15 j 11:08	4°♁48'35	46°47'31		-246 Sep 15 j 20:55	0°♁	
	-248 Feb 08 j 02:49	0°☾			-246 Oct 11 j 20:13	0°♁	
	-248 Mar 05 j 12:05	0°≈		evening max el	-246 Nov 07 j 20:35	29°♁15'37	47°25'14
desc. node	-248 Mar 06 j 20:44	1°≈34'39			-246 Nov 08 j 14:02	0°☾	
	-248 Mar 31 j 02:41	0°✕		asc. node	-246 Dec 13 j 18:36	28°☾56'17	
	-248 Apr 25 j 08:05	0°♁		greatest brilliancy	-246 Dec 15 j 20:56	29°☾57'51	-4.7m
	-248 May 20 j 07:30	0°♁			-246 Dec 15 j 22:49	0°≈	
	-248 Jun 14 j 01:28	0°♁		retrograde	-246 Dec 28 j 21:05	3°≈08'02	

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

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

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

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

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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°≈		minimum elong	-228 Aug 15 j 07:59	18°Ω17'33	8°38'48
morning set	-230 Feb 19 j 11:30	17°≈15'08		min. Earth dist.	-228 Aug 15 j 23:48	17°Ω53'19	0.28138 AU
	-230 Mar 01 j 18:23	0°✕		morning rise	-228 Aug 18 j 14:29	16°Ω18'17	
	-230 Mar 26 j 00:58	0°Υ		direct	-228 Sep 05 j 18:33	10°Ω07'29	
				greatest brilliancy	-228 Sep 20 j 03:30	13°Ω50'37	-4.6m
superior conj	-230 Mar 30 j 01:00	4°Υ55'58	-1°-6'-29		-228 Oct 12 j 17:25	0°Π	
minimum elong	-230 Mar 30 j 10:25	5°Υ25'01	1°06'13	asc. node	-228 Oct 16 j 01:05	3°Π01'20	
max. Earth dist.	-230 Apr 01 j 07:13	7°Υ42'58	1.73204 AU	morning max el	-228 Oct 26 j 08:16	13°Π03'38	46°46'55
	-230 Apr 19 j 09:49	0°Ϡ			-228 Nov 11 j 06:06	0°Ω	
asc. node	-230 May 01 j 06:09	14°Ϡ32'52			-228 Dec 07 j 09:19	0°Π	
evening rise	-230 May 06 j 06:51	20°Ϡ42'58			-227 Jan 01 j 10:53	0°Ϡ	
	-230 May 13 j 20:36	0°Π			-227 Jan 26 j 03:08	0°Ϡ	
	-230 Jun 07 j 08:59	0°Ϡ		desc. node	-227 Feb 04 j 15:04	11°Ϡ35'43	
	-230 Jul 01 j 23:15	0°Ω			-227 Feb 19 j 16:16	0°≈	
	-230 Jul 26 j 16:51	0°Π			-227 Mar 16 j 04:38	0°✕	
	-230 Aug 20 j 16:14	0°Ω			-227 Apr 09 j 16:59	0°Υ	
desc. node	-230 Aug 20 j 19:53	0°Ω10'53		morning set	-227 Apr 30 j 17:19	25°Υ43'17	
	-230 Sep 15 j 01:32	0°Π			-227 May 04 j 05:11	0°Ϡ	
	-230 Oct 11 j 06:09	0°Ϡ			-227 May 28 j 16:25	0°Π	
evening max el	-230 Nov 02 j 23:28	24°Ϡ23'46	47°25'16	asc. node	-227 May 28 j 18:03	0°Π04'59	
	-230 Nov 08 j 14:06	0°Ϡ		max. Earth dist.	-227 Jun 04 j 05:36	8°Π02'37	1.73597 AU
greatest brilliancy	-230 Dec 11 j 04:22	25°Ϡ11'24	-4.7m				
asc. node	-230 Dec 11 j 22:47	25°Ϡ31'57		superior conj	-227 Jun 06 j 02:18	10°Π19'57	0°19'36
retrograde	-230 Dec 24 j 01:05	28°Ϡ18'57		minimum elong	-227 Jun 05 j 22:27	10°Π08'07	0°19'25
evening set	-229 Jan 09 j 02:04	23°Ϡ11'54			-227 Jun 22 j 01:51	0°Ϡ	
min. Earth dist.	-229 Jan 12 j 20:44	20°Ϡ54'21	0.27259 AU	evening rise	-227 Jul 11 j 19:27	24°Ϡ20'37	
inferior conj	-229 Jan 13 j 20:58	20°Ϡ16'30	7°09'01		-227 Jul 16 j 09:19	0°Ω	
minimum elong	-229 Jan 13 j 11:28	20°Ϡ31'22	7°07'18		-227 Aug 09 j 15:36	0°Π	
morning rise	-229 Jan 17 j 21:16	17°Ϡ49'02			-227 Sep 02 j 22:08	0°Ω	
direct	-229 Feb 03 j 09:46	12°Ϡ27'39		desc. node	-227 Sep 17 j 07:53	17°Ω46'18	
greatest brilliancy	-229 Feb 14 j 01:08	14°Ϡ33'18	-4.6m		-227 Sep 27 j 06:22	0°Π	
	-229 Mar 10 j 00:32	0°≈			-227 Oct 21 j 17:56	0°Ϡ	
morning max el	-229 Mar 24 j 18:24	13°≈25'24	46°09'36		-227 Nov 15 j 12:05	0°Ϡ	
desc. node	-229 Apr 02 j 12:39	22°≈09'15			-227 Dec 10 j 21:17	0°≈	
	-229 Apr 10 j 02:09	0°✕			-226 Jan 06 j 20:46	0°✕	
	-229 May 07 j 11:55	0°Υ		asc. node	-226 Jan 08 j 10:37	1°✕39'10	
	-229 Jun 02 j 15:15	0°Ϡ		evening max el	-226 Jan 13 j 12:27	6°✕51'57	46°40'14
	-229 Jun 28 j 01:36	0°Π			-226 Feb 08 j 20:57	0°Υ	
	-229 Jul 22 j 23:15	0°Ϡ		greatest brilliancy	-226 Feb 18 j 04:36	5°Υ35'03	-4.6m
asc. node	-229 Jul 24 j 15:38	2°Ϡ02'53		retrograde	-226 Mar 04 j 17:44	9°Υ23'03	
	-229 Aug 16 j 10:20	0°Ω		evening set	-226 Mar 21 j 19:50	3°Υ41'21	
	-229 Sep 09 j 13:20	0°Π		inferior conj	-226 Mar 26 j 00:33	1°Υ04'11	7°00'16
morning set	-229 Sep 18 j 03:25	10°Π44'50		minimum elong	-226 Mar 26 j 09:31	0°Υ49'59	6°58'48
	-229 Oct 03 j 11:22	0°Ω		min. Earth dist.	-226 Mar 26 j 00:01	1°Υ05'02	0.28813 AU
					-226 Mar 27 j 17:10	30°✕	
superior conj	-229 Oct 27 j 11:06	0°Π11'44	0°38'27	morning rise	-226 Mar 30 j 23:30	28°✕00'55	
minimum elong	-229 Oct 27 j 20:04	0°Π39'58	0°38'03	direct	-226 Apr 16 j 10:37	22°✕48'37	
max. Earth dist.	-229 Oct 27 j 08:23	0°Π03'10	1.71065 AU	greatest brilliancy	-226 Apr 28 j 15:47	25°✕28'52	-4.5m
	-229 Oct 27 j 07:22	0°Π		desc. node	-226 Apr 30 j 00:29	26°✕04'04	
desc. node	-229 Nov 13 j 05:40	21°Π18'53			-226 May 07 j 08:39	0°Υ	
	-229 Nov 20 j 03:21	0°Ϡ		morning max el	-226 Jun 04 j 06:04	22°Υ40'13	45°45'00
evening rise	-229 Dec 08 j 04:46	22°Ϡ41'47			-226 Jun 11 j 18:04	0°Ϡ	
	-229 Dec 14 j 00:30	0°Ϡ			-226 Jul 09 j 23:49	0°Π	
	-228 Jan 06 j 23:58	0°≈			-226 Aug 05 j 05:29	0°Ϡ	
	-228 Jan 31 j 03:36	0°✕		asc. node	-226 Aug 21 j 03:25	18°Ϡ51'26	
	-228 Feb 24 j 14:12	0°Υ			-226 Aug 30 j 09:21	0°Ω	
asc. node	-228 Mar 05 j 08:21	11°Υ50'18			-226 Sep 23 j 20:52	0°Π	
	-228 Mar 20 j 11:35	0°Ϡ			-226 Oct 17 j 22:37	0°Ω	
	-228 Apr 15 j 01:30	0°Π			-226 Nov 10 j 19:45	0°Π	
	-228 May 11 j 19:55	0°Ϡ		morning set	-226 Dec 02 j 04:55	26°Π54'46	
evening max el	-228 Jun 06 j 14:41	26°Ϡ28'11	45°26'20		-226 Dec 04 j 15:49	0°Ϡ	
	-228 Jun 10 j 08:53	0°Ω		desc. node	-226 Dec 10 j 17:27	7°Ϡ37'49	
desc. node	-228 Jun 24 j 22:19	12°Ω25'49			-226 Dec 28 j 12:49	0°Ϡ	
greatest brilliancy	-228 Jul 13 j 13:45	23°Ω40'28	-4.5m				
retrograde	-228 Jul 25 j 08:11	26°Ω07'03		superior conj	-225 Jan 13 j 04:31	19°Ϡ37'00	-1°-8'-27
evening set	-228 Aug 12 j 01:20	20°Ω16'24		minimum elong	-225 Jan 12 j 17:16	19°Ϡ01'49	1°08'08
inferior conj	-228 Aug 15 j 11:28	18°Ω12'14	-8°-38'-56	max. Earth dist.	-225 Jan 17 j 07:53	24°Ϡ47'50	1.71624 AU

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

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

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

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

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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°♞	

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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°♁	