

Planetary Phenomena of Venus from -401 through -300 (UT), Astrodienst AG 24-Mai-2003 10:12, page 1

Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

superior conj	-401 Mar 08 j 17:41	12°♄39'24	-1°-21'00	min. Earth dist.	-399 Jul 25 j 06:09	25°♁33'42	0.28485 AU
minimum elong	-401 Mar 08 j 23:43	12°♄58'03	1°20'56	morning rise	-399 Jul 28 j 20:44	23°♁22'21	
max. Earth dist.	-401 Mar 12 j 01:59	16°♄47'41	1.72836 AU	direct	-399 Aug 15 j 09:11	17°♁34'54	
	-401 Mar 22 j 18:34	0°♃		greatest brilliancy	-399 Aug 29 j 22:28	21°♁18'53	-4.6m
evening rise	-401 Apr 15 j 17:46	29°♃29'41			-399 Sep 12 j 15:22	0°♁	
	-401 Apr 16 j 03:39	0°♄		morning max el	-399 Oct 04 j 13:55	19°♁43'50	46°36'57
asc. node	-401 Apr 22 j 22:34	8°♄19'47		asc. node	-399 Oct 07 j 17:33	22°♁56'02	
	-401 May 10 j 15:32	0°♂			-399 Oct 14 j 11:12	0°♃	
	-401 Jun 04 j 06:13	0°♁			-399 Nov 10 j 03:11	0°♂	
	-401 Jun 29 j 00:30	0°♁			-399 Dec 05 j 07:08	0°♂	
	-401 Jul 24 j 00:34	0°♃			-399 Dec 29 j 21:32	0°♄	
desc. node	-401 Aug 12 j 12:26	23°♃04'28			-398 Jan 23 j 07:25	0°♄	
	-401 Aug 18 j 10:20	0°♂		desc. node	-398 Jan 27 j 07:38	4°♄55'59	
	-401 Sep 13 j 13:54	0°♂			-398 Feb 16 j 16:26	0°♃	
	-401 Oct 11 j 11:05	0°♄			-398 Mar 13 j 01:56	0°♄	
evening max el	-401 Oct 12 j 08:50	0°♄54'58	47°20'52		-398 Apr 06 j 12:14	0°♃	
	-401 Nov 16 j 19:05	0°♄		morning set	-398 Apr 10 j 04:14	4°♃30'01	
greatest brilliancy	-401 Nov 19 j 23:26	1°♄31'36	-4.7m		-398 Apr 30 j 23:03	0°♄	
retrograde	-401 Dec 02 j 04:32	4°♄19'51		max. Earth dist.	-398 May 15 j 22:36	18°♄23'08	1.73675 AU
asc. node	-401 Dec 03 j 15:05	4°♄17'18					
evening set	-401 Dec 16 j 23:54	29°♄56'31		superior conj	-398 May 16 j 20:27	19°♄30'12	0°-8'-28
	-401 Dec 16 j 21:22	30°♄		minimum elong	-398 May 16 j 22:10	19°♄35'29	0°08'25
min. Earth dist.	-401 Dec 21 j 22:44	27°♄00'04	0.26729 AU	behind sun begin	-398 May 16 j 02:58	18°♄36'31	
inferior conj	-401 Dec 22 j 20:07	26°♄26'55	4°41'23	behind sun end	-398 May 17 j 17:23	20°♄34'27	
minimum elong	-401 Dec 22 j 11:05	26°♄40'57	4°38'56	asc. node	-398 May 20 j 10:23	23°♄53'56	
morning rise	-401 Dec 27 j 22:50	23°♄23'07			-398 May 25 j 09:38	0°♂	
direct	-400 Jan 12 j 05:03	18°♄46'49			-398 Jun 18 j 19:16	0°♁	
greatest brilliancy	-400 Jan 22 j 23:25	20°♄56'26	-4.6m	evening rise	-398 Jun 21 j 17:25	3°♁35'52	
	-400 Feb 07 j 15:22	0°♄			-398 Jul 13 j 03:53	0°♁	
morning max el	-400 Mar 01 j 19:58	20°♄18'08	46°21'27		-398 Aug 06 j 12:24	0°♃	
	-400 Mar 11 j 10:55	0°♃			-398 Aug 30 j 22:17	0°♂	
desc. node	-400 Mar 24 j 05:23	13°♃30'52		desc. node	-398 Sep 09 j 00:29	11°♂08'18	
	-400 Apr 08 j 04:26	0°♄			-398 Sep 24 j 11:15	0°♂	
	-400 May 04 j 11:20	0°♃			-398 Oct 19 j 05:45	0°♄	
	-400 May 30 j 01:26	0°♄			-398 Nov 13 j 11:33	0°♄	
	-400 Jun 24 j 04:07	0°♂			-398 Dec 09 j 21:00	0°♃	
asc. node	-400 Jul 15 j 08:02	25°♂40'22		evening max el	-398 Dec 22 j 23:29	13°♃52'10	47°00'41
	-400 Jul 18 j 21:00	0°♁		asc. node	-398 Dec 31 j 03:05	21°♃55'12	
	-400 Aug 12 j 05:16	0°♁			-397 Jan 09 j 00:27	0°♄	
morning set	-400 Aug 26 j 14:42	17°♁54'18		greatest brilliancy	-397 Jan 28 j 10:49	13°♄30'37	-4.6m
	-400 Sep 05 j 06:56	0°♃		retrograde	-397 Feb 11 j 17:13	17°♄14'20	
	-400 Sep 29 j 04:41	0°♂		evening set	-397 Mar 01 j 12:43	11°♄03'24	
max. Earth dist.	-400 Oct 02 j 02:28	3°♂39'22	1.71279 AU	min. Earth dist.	-397 Mar 04 j 13:40	9°♄09'07	0.28546 AU
				inferior conj	-397 Mar 04 j 21:52	8°♄56'07	8°17'26
superior conj	-400 Oct 03 j 20:44	5°♂52'17	1°04'51	minimum elong	-397 Mar 05 j 02:34	8°♄48'40	8°17'07
minimum elong	-400 Oct 04 j 07:13	6°♂25'14	1°04'31	morning rise	-397 Mar 08 j 16:38	6°♄34'42	
	-400 Oct 23 j 01:03	0°♂		direct	-397 Mar 26 j 01:57	0°♄45'13	
desc. node	-400 Nov 03 j 22:10	14°♂56'39		greatest brilliancy	-397 Apr 06 j 16:39	3°♄11'12	-4.5m
evening rise	-400 Nov 13 j 20:48	27°♂26'25		desc. node	-397 Apr 21 j 16:57	11°♄46'38	
	-400 Nov 15 j 21:43	0°♄			-397 May 13 j 04:04	0°♃	
	-400 Dec 09 j 19:48	0°♄		morning max el	-397 May 13 j 23:57	0°♃47'20	45°47'56
	-399 Jan 02 j 20:40	0°♃			-397 Jun 11 j 08:48	0°♄	
	-399 Jan 27 j 02:43	0°♄			-397 Jul 08 j 02:51	0°♂	
	-399 Feb 20 j 17:44	0°♃			-397 Aug 02 j 16:42	0°♁	
asc. node	-399 Feb 25 j 00:51	5°♃10'11		asc. node	-397 Aug 12 j 19:58	12°♁09'37	
	-399 Mar 17 j 23:28	0°♄			-397 Aug 27 j 12:11	0°♁	
	-399 Apr 13 j 06:10	0°♂			-397 Sep 20 j 19:07	0°♃	
	-399 May 11 j 17:01	0°♁			-397 Oct 14 j 18:27	0°♂	
evening max el	-399 May 16 j 01:39	4°♁13'29	45°18'05		-397 Nov 07 j 14:27	0°♂	
desc. node	-399 Jun 16 j 14:47	28°♁52'06		morning set	-397 Nov 09 j 02:45	1°♂54'18	
	-399 Jun 18 j 21:02	0°♁			-397 Dec 01 j 10:05	0°♄	
greatest brilliancy	-399 Jun 21 j 00:17	0°♁57'10	-4.5m	desc. node	-397 Dec 02 j 09:56	1°♄15'03	
retrograde	-399 Jul 03 j 15:00	3°♁45'07					
	-399 Jul 17 j 14:27	30°♁		superior conj	-397 Dec 20 j 22:40	24°♄32'44	0°-42'-3
evening set	-399 Jul 20 j 06:13	28°♁33'44		minimum elong	-397 Dec 20 j 12:31	24°♄00'53	0°41'38
inferior conj	-399 Jul 24 j 22:39	25°♁45'16	-7°-31'-14	max. Earth dist.	-397 Dec 24 j 08:36	28°♄49'54	1.71276 AU
minimum elong	-399 Jul 24 j 13:39	25°♁59'07	7°29'55		-397 Dec 25 j 06:56	0°♄	

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

evening rise	-396 Jan 18 j 05:55	0°≈		morning max el	-394 Jul 23 j 04:00	8°II00'47	45°55'25
	-396 Jan 31 j 03:56	16°≈06'49			-394 Aug 13 j 13:55	0°☉	
	-396 Feb 11 j 08:03	0°✕			-394 Sep 09 j 04:18	0°Ω	
	-396 Mar 06 j 14:45	0°Υ		asc. node	-394 Sep 09 j 07:50	0°Ω10'18	
asc. node	-396 Mar 24 j 12:46	21°Υ56'22			-394 Oct 04 j 08:03	0°♄	
	-396 Mar 31 j 03:43	0°♄			-394 Oct 28 j 18:08	0°♁	
	-396 Apr 25 j 00:50	0°II			-394 Nov 21 j 19:58	0°♁	
	-396 May 20 j 09:03	0°☉			-394 Dec 15 j 19:11	0°♁	
	-396 Jun 15 j 10:46	0°Ω		desc. node	-394 Dec 29 j 21:53	17°♁39'55	
	-396 Jul 12 j 22:50	0°♄			-393 Jan 08 j 18:42	0°☉	
desc. node	-396 Jul 14 j 02:38	1°♄12'23		morning set	-393 Jan 25 j 11:29	20°☉50'44	
evening max el	-396 Jul 27 j 13:43	14°♄43'49	46°10'53		-393 Feb 01 j 19:49	0°≈	
	-396 Aug 13 j 16:47	0°♁			-393 Feb 25 j 23:12	0°✕	
greatest brilliancy	-396 Sep 04 j 13:54	13°♁25'22	-4.6m				
retrograde	-396 Sep 15 j 00:01	15°♁23'26		superior conj	-393 Mar 06 j 08:10	10°✕22'22	-1°-22'-2
evening set	-396 Oct 01 j 09:25	10°♁15'48		minimum elong	-393 Mar 06 j 13:32	10°✕38'58	1°21'59
inferior conj	-396 Oct 05 j 16:03	7°♁43'11	-6°-42'-48	max. Earth dist.	-393 Mar 09 j 18:32	14°✕37'07	1.72780 AU
minimum elong	-396 Oct 06 j 02:44	7°♁26'57	6°40'35		-393 Mar 22 j 05:20	0°Υ	
min. Earth dist.	-396 Oct 06 j 09:13	7°♁17'06	0.26868 AU	evening rise	-393 Apr 13 j 10:38	27°Υ21'03	
morning rise	-396 Oct 10 j 19:43	4°♁40'44			-393 Apr 15 j 14:25	0°♄	
	-396 Oct 25 j 08:55	30°♄		asc. node	-393 Apr 22 j 00:35	7°♄52'53	
direct	-396 Oct 26 j 08:01	29°♄58'52			-393 May 10 j 02:25	0°II	
	-396 Oct 27 j 07:11	0°♁			-393 Jun 03 j 17:22	0°☉	
asc. node	-396 Nov 04 j 05:13	1°♁30'14			-393 Jun 28 j 12:10	0°Ω	
greatest brilliancy	-396 Nov 08 j 12:42	3°♁13'29	-4.7m		-393 Jul 23 j 13:02	0°♄	
	-396 Dec 12 j 13:37	0°♁		desc. node	-393 Aug 11 j 14:34	22°♄31'16	
morning max el	-396 Dec 16 j 03:10	3°♁35'32	46°55'04		-393 Aug 18 j 00:12	0°♁	
	-395 Jan 09 j 13:55	0°♁			-393 Sep 13 j 06:23	0°♁	
	-395 Feb 04 j 14:49	0°☉		evening max el	-393 Oct 09 j 21:36	28°♁28'18	47°19'31
desc. node	-395 Feb 23 j 19:36	22°☉40'54			-393 Oct 11 j 10:14	0°♁	
	-395 Mar 01 j 23:08	0°≈		greatest brilliancy	-393 Nov 17 j 14:46	29°♁05'51	-4.7m
	-395 Mar 27 j 00:09	0°✕			-393 Nov 19 j 21:07	0°☉	
	-395 Apr 20 j 21:09	0°Υ		retrograde	-393 Nov 29 j 17:16	1°☉51'47	
	-395 May 15 j 15:04	0°♄		asc. node	-393 Dec 02 j 17:15	1°☉40'36	
	-395 Jun 09 j 05:29	0°II			-393 Dec 09 j 05:06	30°♁	
morning set	-395 Jun 16 j 15:28	9°II05'08		evening set	-393 Dec 14 j 10:39	27°♁31'38	
asc. node	-395 Jun 16 j 22:18	9°II26'06		min. Earth dist.	-393 Dec 19 j 12:45	24°♁31'08	0.26682 AU
	-395 Jul 03 j 15:39	0°☉		inferior conj	-393 Dec 20 j 08:54	23°♁59'57	4°21'06
max. Earth dist.	-395 Jul 19 j 01:01	19°☉01'22	1.72841 AU	minimum elong	-393 Dec 20 j 00:17	24°♁13'18	4°18'42
				morning rise	-393 Dec 25 j 14:25	20°♁52'28	
superior conj	-395 Jul 22 j 22:54	23°☉52'13	1°11'39	direct	-392 Jan 09 j 16:47	16°♁20'15	
minimum elong	-395 Jul 22 j 14:56	23°☉27'31	1°11'27	greatest brilliancy	-392 Jan 20 j 14:17	18°♁32'45	-4.6m
	-395 Jul 27 j 21:29	0°Ω			-392 Feb 08 j 08:17	0°☉	
	-395 Aug 21 j 00:02	0°♄		morning max el	-392 Feb 28 j 09:17	17°☉56'12	46°23'07
evening rise	-395 Aug 28 j 15:27	9°♄31'51			-392 Mar 11 j 06:34	0°≈	
	-395 Sep 14 j 01:02	0°♁		desc. node	-392 Mar 23 j 07:21	12°≈50'04	
desc. node	-395 Oct 06 j 12:20	28°♁02'07			-392 Apr 07 j 19:25	0°✕	
	-395 Oct 08 j 02:09	0°♁			-392 May 04 j 00:19	0°Υ	
	-395 Nov 01 j 04:36	0°♁			-392 May 29 j 13:21	0°♄	
	-395 Nov 25 j 09:50	0°☉			-392 Jun 23 j 15:24	0°II	
	-395 Dec 19 j 21:09	0°≈		asc. node	-392 Jul 14 j 10:08	25°II13'16	
	-394 Jan 13 j 21:38	0°✕			-392 Jul 18 j 07:57	0°☉	
asc. node	-394 Jan 27 j 14:57	15°✕57'08			-392 Aug 11 j 16:03	0°Ω	
	-394 Feb 09 j 02:21	0°Υ		morning set	-392 Aug 24 j 06:27	15°Ω40'10	
evening max el	-394 Mar 04 j 04:03	24°Υ10'18	45°45'41		-392 Sep 04 j 17:41	0°♄	
	-394 Mar 10 j 06:43	0°♄			-392 Sep 28 j 15:29	0°♁	
greatest brilliancy	-394 Apr 07 j 10:51	20°♄52'21	-4.5m	max. Earth dist.	-392 Sep 29 j 14:33	1°♁12'31	1.71316 AU
retrograde	-394 Apr 22 j 01:46	24°♄36'53					
evening set	-394 May 07 j 08:24	20°♄07'24		superior conj	-392 Oct 01 j 09:46	3°♁28'23	1°07'09
inferior conj	-394 May 13 j 13:08	16°♄23'13	1°18'55	minimum elong	-392 Oct 01 j 20:00	4°♁00'34	1°06'51
minimum elong	-394 May 13 j 15:59	16°♄18'44	1°18'06		-392 Oct 22 j 11:55	0°♁	
min. Earth dist.	-394 May 13 j 19:20	16°♄13'28	0.29012 AU	desc. node	-392 Nov 03 j 00:14	14°♁28'50	
desc. node	-394 May 19 j 04:54	12°♄56'41		evening rise	-392 Nov 11 j 06:56	24°♁53'07	
morning rise	-394 May 19 j 23:29	12°♄30'45			-392 Nov 15 j 08:41	0°♁	
direct	-394 Jun 04 j 05:47	8°♄03'43			-392 Dec 09 j 06:54	0°☉	
greatest brilliancy	-394 Jun 17 j 22:30	11°♄19'25	-4.5m		-391 Jan 02 j 07:57	0°≈	
	-394 Jul 14 j 12:20	0°II			-391 Jan 26 j 14:16	0°✕	



Planetary Phenomena of Venus from -401 through -300 (UT), Astrodienst AG 24-Mai-2003 10:12, page 4

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	-386 Jan 13 j 11:28	0°♄		morning set	-384 Aug 21 j 22:07	13°♁24'52	
asc. node	-386 Jan 26 j 16:58	15°♄20'23			-384 Sep 04 j 04:48	0°♍	
	-386 Feb 08 j 18:46	0°♃		max. Earth dist.	-384 Sep 27 j 01:06	28°♍39'42	1.71355 AU
evening max el	-386 Mar 01 j 18:24	21°♃54'41	45°47'57		-384 Sep 28 j 02:40	0°♌	
	-386 Mar 10 j 07:52	0°♄					
greatest brilliancy	-386 Apr 05 j 02:21	18°♄42'48	-4.5m	superior conj	-384 Sep 28 j 22:37	1°♌02'43	1°09'20
retrograde	-386 Apr 19 j 18:03	22°♄29'18		minimum elong	-384 Sep 29 j 08:32	1°♌33'52	1°09'03
evening set	-386 May 05 j 02:25	17°♄57'25			-384 Oct 21 j 23:11	0°♍	
inferior conj	-386 May 11 j 05:49	14°♄15'17	1°38'05	desc. node	-384 Nov 02 j 02:24	14°♍00'03	
minimum elong	-386 May 11 j 09:20	14°♄09'45	1°37'04	evening rise	-384 Nov 08 j 16:42	22°♍17'25	
min. Earth dist.	-386 May 11 j 12:29	14°♄04'47	0.29017 AU		-384 Nov 14 j 20:02	0°♎	
morning rise	-386 May 17 j 16:05	10°♄22'38			-384 Dec 08 j 18:22	0°♏	
desc. node	-386 May 18 j 07:01	10°♄02'22			-383 Jan 01 j 19:35	0°♐	
direct	-386 Jun 01 j 21:44	5°♄55'26			-383 Jan 26 j 02:10	0°♑	
greatest brilliancy	-386 Jun 15 j 14:31	9°♄10'36	-4.5m		-383 Feb 19 j 18:11	0°♒	
	-386 Jul 14 j 14:13	0°♓		asc. node	-383 Feb 23 j 04:53	4°♒08'15	
morning max el	-386 Jul 20 j 19:26	5°♓48'57	45°54'26		-383 Mar 17 j 01:55	0°♓	
	-386 Aug 13 j 06:31	0°♌			-383 Apr 12 j 13:02	0°♔	
asc. node	-386 Sep 08 j 09:51	29°♌35'45		evening max el	-383 May 11 j 09:44	29°♔53'12	45°17'27
	-386 Sep 08 j 18:09	0°♍			-383 May 11 j 12:35	0°♕	
	-386 Oct 03 j 20:41	0°♎		desc. node	-383 Jun 14 j 18:57	25°♕53'52	
	-386 Oct 28 j 06:09	0°♏		greatest brilliancy	-383 Jun 15 j 23:42	26°♕25'30	-4.5m
	-386 Nov 21 j 07:39	0°♐		retrograde	-383 Jun 28 j 21:48	29°♕20'02	
	-386 Dec 15 j 06:39	0°♑		evening set	-383 Jul 15 j 05:50	24°♕17'26	
desc. node	-386 Dec 28 j 23:52	17°♑10'35		inferior conj	-383 Jul 20 j 05:06	21°♕18'41	-7°-8'-25
	-385 Jan 08 j 05:59	0°♒		minimum elong	-383 Jul 19 j 19:30	21°♕33'28	7°06'48
morning set	-385 Jan 22 j 22:13	18°♒19'37		min. Earth dist.	-383 Jul 20 j 10:50	21°♕09'51	0.28555 AU
	-385 Feb 01 j 06:58	0°♓		morning rise	-383 Jul 24 j 08:56	18°♕47'25	
	-385 Feb 25 j 10:14	0°♔		direct	-383 Aug 10 j 17:44	13°♕07'27	
				greatest brilliancy	-383 Aug 25 j 05:35	16°♕50'41	-4.6m
superior conj	-385 Mar 03 j 22:34	8°♔04'21	-1°-22'-55		-383 Sep 13 j 13:11	0°♖	
minimum elong	-385 Mar 04 j 03:12	8°♔18'43	1°22'53	morning max el	-383 Sep 29 j 21:08	15°♖10'48	46°34'05
max. Earth dist.	-385 Mar 07 j 08:49	12°♔18'55	1.72723 AU	asc. node	-383 Oct 05 j 21:45	21°♖20'45	
	-385 Mar 21 j 16:17	0°♕			-383 Oct 14 j 00:26	0°♗	
evening rise	-385 Apr 11 j 03:26	25°♕11'39			-383 Nov 09 j 08:57	0°♘	
	-385 Apr 15 j 01:22	0°♖			-383 Dec 04 j 09:43	0°♙	
asc. node	-385 Apr 21 j 02:47	7°♖25'58			-383 Dec 28 j 22:24	0°♚	
	-385 May 09 j 13:30	0°♗			-382 Jan 22 j 07:11	0°♛	
	-385 Jun 03 j 04:46	0°♘		desc. node	-382 Jan 25 j 11:45	3°♛55'54	
	-385 Jun 28 j 00:07	0°♙			-382 Feb 15 j 15:26	0°♜	
	-385 Jul 23 j 01:54	0°♚			-382 Mar 12 j 00:20	0°♝	
desc. node	-385 Aug 10 j 16:30	21°♚56'16			-382 Apr 05 j 10:10	0°♞	
	-385 Aug 17 j 14:34	0°♛		morning set	-382 Apr 05 j 13:53	0°♟11'23	
	-385 Sep 12 j 23:33	0°♜			-382 Apr 29 j 20:41	0°♠	
evening max el	-385 Oct 07 j 10:52	26°♜02'02	47°18'20	max. Earth dist.	-382 May 11 j 21:45	14°♠46'52	1.73667 AU
	-385 Oct 11 j 10:50	0°♡					
greatest brilliancy	-385 Nov 15 j 05:04	26°♡37'56	-4.7m	superior conj	-382 May 12 j 08:39	15°♡20'22	0°-14'-43
retrograde	-385 Nov 27 j 06:22	29°♡22'47		minimum elong	-382 May 12 j 11:38	15°♡29'31	0°14'35
asc. node	-385 Dec 01 j 19:18	28°♡57'00		behind sun begin	-382 May 12 j 02:50	15°♡02'29	
evening set	-385 Dec 11 j 21:32	25°♡05'13		behind sun end	-382 May 12 j 20:27	15°♡56'33	
min. Earth dist.	-385 Dec 17 j 02:22	22°♡01'25	0.26635 AU	asc. node	-382 May 18 j 14:36	23°♡00'39	
inferior conj	-385 Dec 17 j 21:35	21°♡31'49	4°00'09		-382 May 24 j 07:11	0°♢	
minimum elong	-385 Dec 17 j 13:27	21°♡44'21	3°57'49	evening rise	-382 Jun 17 j 07:44	29°♢31'33	
morning rise	-385 Dec 23 j 05:50	18°♡21'00			-382 Jun 17 j 16:59	0°♣	
direct	-384 Jan 07 j 04:58	13°♡52'30			-382 Jul 12 j 02:00	0°♤	
greatest brilliancy	-384 Jan 18 j 04:36	16°♡07'35	-4.6m		-382 Aug 05 j 11:09	0°♥	
	-384 Feb 08 j 21:18	0°♦			-382 Aug 29 j 21:57	0°♧	
morning max el	-384 Feb 25 j 23:27	15°♦35'30	46°24'41	desc. node	-382 Sep 07 j 04:36	10°♧07'11	
	-384 Mar 11 j 01:57	0°♧			-382 Sep 23 j 12:13	0°♨	
desc. node	-384 Mar 22 j 09:26	12°♧09'16			-382 Oct 18 j 08:38	0°♩	
	-384 Apr 07 j 10:31	0°♨			-382 Nov 12 j 17:44	0°♪	
	-384 May 03 j 13:30	0°♩			-382 Dec 09 j 10:34	0°♫	
	-384 May 29 j 01:30	0°♪		evening max el	-382 Dec 18 j 07:51	9°♫18'50	47°04'58
	-384 Jun 23 j 02:57	0°♫		asc. node	-382 Dec 29 j 07:10	20°♫01'51	
asc. node	-384 Jul 13 j 12:09	24°♫45'02			-381 Jan 09 j 21:33	0°♬	
	-384 Jul 17 j 19:10	0°♬		greatest brilliancy	-381 Jan 23 j 22:08	9°♬03'42	-4.6m
	-384 Aug 11 j 03:09	0°♭		retrograde	-381 Feb 07 j 01:47	12°♬43'20	

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

evening set	-381 Feb 24 j 22:34	6° $\text{♁}$ 29'30		superior conj	-379 Jul 18 j 10:44	19° $\text{♁}$ 38'37	1°08'04
min. Earth dist.	-381 Feb 27 j 18:17	4° $\text{♁}$ 43'06	0.28450 AU	minimum elong	-379 Jul 18 j 02:19	19° $\text{♁}$ 12'33	1°07'50
inferior conj	-381 Feb 28 j 05:09	4° $\text{♁}$ 25'50	8°27'06		-379 Jul 26 j 19:13	0° $\text{♁}$	
minimum elong	-381 Feb 28 j 08:28	4° $\text{♁}$ 20'34	8°26'56		-379 Aug 19 j 22:00	0° $\text{♁}$	
morning rise	-381 Mar 03 j 18:38	2° $\text{♁}$ 12'22		evening rise	-379 Aug 23 j 22:41	5° $\text{♁}$ 01'11	
	-381 Mar 07 j 16:12	30° $\text{♁}$			-379 Sep 12 j 23:24	0° $\text{♁}$	
direct	-381 Mar 21 j 09:00	26° $\text{♁}$ 17'05		desc. node	-379 Oct 04 j 16:35	27° $\text{♁}$ 04'12	
greatest brilliancy	-381 Apr 01 j 16:25	28° $\text{♁}$ 36'42	-4.5m		-379 Oct 07 j 01:02	0° $\text{♁}$	
	-381 Apr 04 j 21:11	0° $\text{♁}$			-379 Oct 31 j 04:04	0° $\text{♁}$	
desc. node	-381 Apr 19 j 21:16	9° $\text{♁}$ 29'43			-379 Nov 24 j 10:06	0° $\text{♁}$	
morning max el	-381 May 09 j 07:04	26° $\text{♁}$ 23'56	45°48'54		-379 Dec 18 j 22:40	0° $\text{♁}$	
	-381 May 13 j 00:21	0° $\text{♁}$			-378 Jan 13 j 01:29	0° $\text{♁}$	
	-381 Jun 10 j 16:07	0° $\text{♁}$		asc. node	-378 Jan 25 j 19:01	14° $\text{♁}$ 43'13	
	-381 Jul 07 j 05:29	0° $\text{♁}$			-378 Feb 08 j 11:36	0° $\text{♁}$	
	-381 Aug 01 j 17:06	0° $\text{♁}$		evening max el	-378 Feb 27 j 09:01	19° $\text{♁}$ 39'17	45°50'14
asc. node	-381 Aug 11 j 00:02	11° $\text{♁}$ 10'01			-378 Mar 10 j 10:38	0° $\text{♁}$	
	-381 Aug 26 j 11:26	0° $\text{♁}$		greatest brilliancy	-378 Apr 02 j 17:33	16° $\text{♁}$ 32'20	-4.5m
	-381 Sep 19 j 17:46	0° $\text{♁}$		retrograde	-378 Apr 17 j 10:47	20° $\text{♁}$ 21'22	
	-381 Oct 13 j 16:50	0° $\text{♁}$		evening set	-378 May 02 j 20:33	15° $\text{♁}$ 46'44	
morning set	-381 Nov 04 j 00:58	26° $\text{♁}$ 51'42		inferior conj	-378 May 08 j 22:28	12° $\text{♁}$ 06'50	1°57'09
	-381 Nov 06 j 12:45	0° $\text{♁}$		minimum elong	-378 May 09 j 02:38	12° $\text{♁}$ 00'17	1°55'58
	-381 Nov 30 j 08:21	0° $\text{♁}$		min. Earth dist.	-378 May 09 j 05:20	11° $\text{♁}$ 56'03	0.29021 AU
desc. node	-381 Nov 30 j 14:07	0° $\text{♁}$ 18'08		morning rise	-378 May 15 j 08:33	8° $\text{♁}$ 14'32	
				desc. node	-378 May 17 j 08:59	7° $\text{♁}$ 10'56	
superior conj	-381 Dec 15 j 17:32	19° $\text{♁}$ 20'42	0°-34'-53	direct	-378 May 30 j 13:50	3° $\text{♁}$ 46'44	
minimum elong	-381 Dec 15 j 08:44	18° $\text{♁}$ 53'03	0°34'31	greatest brilliancy	-378 Jun 13 j 07:02	7° $\text{♁}$ 02'19	-4.5m
max. Earth dist.	-381 Dec 19 j 01:15	23° $\text{♁}$ 31'04	1.71204 AU		-378 Jul 14 j 14:48	0° $\text{♁}$	
	-381 Dec 24 j 05:10	0° $\text{♁}$		morning max el	-378 Jul 18 j 11:39	3° $\text{♁}$ 39'08	45°53'31
	-380 Jan 17 j 04:05	0° $\text{♁}$			-378 Aug 12 j 22:48	0° $\text{♁}$	
evening rise	-380 Jan 26 j 02:47	11° $\text{♁}$ 09'53		asc. node	-378 Sep 07 j 12:01	29° $\text{♁}$ 01'56	
	-380 Feb 10 j 06:13	0° $\text{♁}$			-378 Sep 08 j 07:50	0° $\text{♁}$	
	-380 Mar 05 j 13:07	0° $\text{♁}$			-378 Oct 03 j 09:14	0° $\text{♁}$	
asc. node	-380 Mar 22 j 16:57	20° $\text{♁}$ 59'49			-378 Oct 27 j 18:08	0° $\text{♁}$	
	-380 Mar 30 j 02:39	0° $\text{♁}$			-378 Nov 20 j 19:16	0° $\text{♁}$	
	-380 Apr 24 j 00:51	0° $\text{♁}$			-378 Dec 14 j 18:01	0° $\text{♁}$	
	-380 May 19 j 11:04	0° $\text{♁}$		desc. node	-378 Dec 28 j 01:56	16° $\text{♁}$ 41'49	
	-380 Jun 14 j 16:40	0° $\text{♁}$			-377 Jan 07 j 17:10	0° $\text{♁}$	
desc. node	-380 Jul 12 j 06:45	29° $\text{♁}$ 41'43		morning set	-377 Jan 20 j 09:11	15° $\text{♁}$ 49'27	
	-380 Jul 12 j 13:54	0° $\text{♁}$			-377 Jan 31 j 17:59	0° $\text{♁}$	
evening max el	-380 Jul 22 j 15:18	9° $\text{♁}$ 59'47	46°05'27		-377 Feb 24 j 21:09	0° $\text{♁}$	
	-380 Aug 15 j 01:23	0° $\text{♁}$					
greatest brilliancy	-380 Aug 30 j 15:59	8° $\text{♁}$ 37'09	-4.6m	superior conj	-377 Mar 01 j 12:56	5° $\text{♁}$ 46'27	-1°-23'-40
retrograde	-380 Sep 09 j 23:05	10° $\text{♁}$ 32'51		minimum elong	-377 Mar 01 j 16:49	5° $\text{♁}$ 58'29	1°23'39
evening set	-380 Sep 26 j 17:06	5° $\text{♁}$ 15'48		max. Earth dist.	-377 Mar 04 j 22:52	10° $\text{♁}$ 00'11	1.72673 AU
inferior conj	-380 Sep 30 j 17:26	2° $\text{♁}$ 52'09	-7°-11'-52		-377 Mar 21 j 03:09	0° $\text{♁}$	
minimum elong	-380 Oct 01 j 03:44	2° $\text{♁}$ 36'29	7°09'57	evening rise	-377 Apr 08 j 20:06	23° $\text{♁}$ 02'02	
min. Earth dist.	-380 Oct 01 j 12:13	2° $\text{♁}$ 23'33	0.26983 AU		-377 Apr 14 j 12:16	0° $\text{♁}$	
morning rise	-380 Oct 05 j 13:56	29° $\text{♁}$ 58'59		asc. node	-377 Apr 20 j 04:48	6° $\text{♁}$ 58'40	
	-380 Oct 05 j 13:13	30° $\text{♁}$			-377 May 09 j 00:31	0° $\text{♁}$	
direct	-380 Oct 21 j 09:52	25° $\text{♁}$ 05'47			-377 Jun 02 j 16:06	0° $\text{♁}$	
asc. node	-380 Nov 02 j 09:27	27° $\text{♁}$ 46'28			-377 Jun 27 j 12:01	0° $\text{♁}$	
greatest brilliancy	-380 Nov 03 j 19:25	28° $\text{♁}$ 24'21	-4.7m		-377 Jul 22 j 14:44	0° $\text{♁}$	
	-380 Nov 06 j 22:35	0° $\text{♁}$		desc. node	-377 Aug 09 j 18:39	21° $\text{♁}$ 22'12	
morning max el	-380 Dec 11 j 04:15	28° $\text{♁}$ 37'57	46°55'36		-377 Aug 17 j 04:56	0° $\text{♁}$	
	-380 Dec 12 j 12:16	0° $\text{♁}$			-377 Sep 12 j 16:55	0° $\text{♁}$	
	-379 Jan 08 j 23:18	0° $\text{♁}$		evening max el	-377 Oct 05 j 01:10	23° $\text{♁}$ 39'02	47°17'00
	-379 Feb 03 j 19:09	0° $\text{♁}$			-377 Oct 11 j 12:30	0° $\text{♁}$	
desc. node	-379 Feb 21 j 23:41	21° $\text{♁}$ 35'06		greatest brilliancy	-377 Nov 12 j 18:57	24° $\text{♁}$ 10'07	-4.7m
	-379 Mar 01 j 00:46	0° $\text{♁}$		retrograde	-377 Nov 24 j 19:54	26° $\text{♁}$ 54'19	
	-379 Mar 26 j 00:07	0° $\text{♁}$		asc. node	-377 Nov 30 j 21:19	26° $\text{♁}$ 08'12	
	-379 Apr 19 j 20:03	0° $\text{♁}$		evening set	-377 Dec 09 j 08:42	22° $\text{♁}$ 39'12	
	-379 May 14 j 13:17	0° $\text{♁}$		min. Earth dist.	-377 Dec 14 j 15:44	19° $\text{♁}$ 32'35	0.26588 AU
	-379 Jun 08 j 03:19	0° $\text{♁}$		inferior conj	-377 Dec 15 j 10:14	19° $\text{♁}$ 04'11	3°38'37
morning set	-379 Jun 12 j 04:01	4° $\text{♁}$ 56'11		minimum elong	-377 Dec 15 j 02:40	19° $\text{♁}$ 15'49	3°36'24
asc. node	-379 Jun 15 j 02:21	8° $\text{♁}$ 31'51		morning rise	-377 Dec 20 j 21:09	15° $\text{♁}$ 50'20	
	-379 Jul 02 j 13:19	0° $\text{♁}$		direct	-376 Jan 04 j 17:44	11° $\text{♁}$ 25'34	
max. Earth dist.	-379 Jul 14 j 13:57	14° $\text{♁}$ 51'28	1.72946 AU	greatest brilliancy	-376 Jan 15 j 18:02	13° $\text{♁}$ 42'09	-4.6m

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

	-376 Feb 09 j 06:36	0°☾							-374 Sep 23 j 00:36	0°♍			
morning max el	-376 Feb 23 j 13:58	13°☾16'32	46°26'13						-374 Oct 17 j 22:04	0°♁			
	-376 Mar 10 j 20:28	0°♁							-374 Nov 12 j 08:58	0°☾			
desc. node	-376 Mar 21 j 11:37	11°♁30'05							-374 Dec 09 j 06:00	0°♁			
	-376 Apr 07 j 01:07	0°♁						evening max el	-374 Dec 15 j 22:49	6°♁59'06	47°06'53		
	-376 May 03 j 02:21	0°♁						asc. node	-374 Dec 28 j 09:19	19°♁03'49			
	-376 May 28 j 13:23	0°♁							-373 Jan 10 j 13:42	0°♁			
	-376 Jun 22 j 14:16	0°♁						greatest brilliancy	-373 Jan 21 j 16:46	6°♁51'14	-4.6m		
asc. node	-376 Jul 12 j 14:16	24°♁17'46						retrograde	-373 Feb 04 j 17:22	10°♁27'35			
	-376 Jul 17 j 06:10	0°☾						evening set	-373 Feb 22 j 14:58	4°♁13'20			
	-376 Aug 10 j 14:01	0°♁						min. Earth dist.	-373 Feb 25 j 08:59	2°♁29'29	0.28397 AU		
morning set	-376 Aug 19 j 13:58	11°♁11'01						inferior conj	-373 Feb 25 j 20:44	2°♁10'48	8°30'42		
	-376 Sep 03 j 15:39	0°♁						minimum elong	-373 Feb 25 j 23:18	2°♁06'43	8°30'37		
max. Earth dist.	-376 Sep 24 j 10:44	26°♁04'56	1.71396 AU					morning rise	-373 Mar 01 j 07:52	0°♁00'41			
									-373 Mar 01 j 08:19	30°♁			
superior conj	-376 Sep 26 j 11:47	28°♁38'58	1°11'23					direct	-373 Mar 18 j 23:49	24°♁03'08			
minimum elong	-376 Sep 26 j 21:16	29°♁08'47	1°11'07					greatest brilliancy	-373 Mar 30 j 05:06	26°♁20'23	-4.5m		
	-376 Sep 27 j 13:34	0°♁							-373 Apr 06 j 17:45	0°♁			
	-376 Oct 21 j 10:11	0°♁						desc. node	-373 Apr 18 j 23:10	8°♁24'06			
desc. node	-376 Nov 01 j 04:23	13°♁31'28						morning max el	-373 May 06 j 21:13	24°♁09'20	45°49'38		
evening rise	-376 Nov 06 j 02:38	19°♁43'01							-373 May 12 j 21:00	0°♁			
	-376 Nov 14 j 07:09	0°♁							-373 Jun 10 j 07:08	0°♁			
	-376 Dec 08 j 05:36	0°☾							-373 Jul 06 j 18:23	0°♁			
	-375 Jan 01 j 06:58	0°♁							-373 Aug 01 j 05:00	0°☾			
	-375 Jan 25 j 13:47	0°♁						asc. node	-373 Aug 10 j 02:12	10°☾41'18			
	-375 Feb 19 j 06:17	0°♁							-373 Aug 25 j 22:50	0°♁			
asc. node	-375 Feb 22 j 07:06	3°♁38'18							-373 Sep 19 j 04:54	0°♁			
	-375 Mar 16 j 15:05	0°♁							-373 Oct 13 j 03:51	0°♁			
	-375 Apr 12 j 04:38	0°♁						morning set	-373 Nov 01 j 12:08	24°♁21'05			
evening max el	-375 May 09 j 02:02	27°♁44'10	45°17'03						-373 Nov 05 j 23:43	0°♁			
	-375 May 11 j 11:32	0°☾						desc. node	-373 Nov 29 j 16:11	29°♁50'10			
greatest brilliancy	-375 Jun 13 j 13:22	24°☾12'36	-4.5m						-373 Nov 29 j 19:19	0°♁			
desc. node	-375 Jun 13 j 21:01	24°☾20'40											
retrograde	-375 Jun 26 j 12:51	27°☾08'15						superior conj	-373 Dec 13 j 02:46	16°♁44'35	0°-31'-10		
evening set	-375 Jul 12 j 17:59	22°☾10'19						minimum elong	-373 Dec 12 j 18:45	16°♁19'26	0°30'49		
inferior conj	-375 Jul 17 j 20:31	19°☾06'31	-6°-56'00					max. Earth dist.	-373 Dec 16 j 05:33	20°♁39'30	1.71172 AU		
minimum elong	-375 Jul 17 j 10:43	19°☾21'38	6°54'17						-373 Dec 23 j 16:06	0°☾			
min. Earth dist.	-375 Jul 18 j 01:40	18°☾58'32	0.28586 AU					evening rise	-372 Jan 16 j 15:01	0°♁			
morning rise	-375 Jul 22 j 03:13	16°☾30'45							-372 Jan 23 j 13:46	8°♁40'22			
direct	-375 Aug 08 j 09:58	10°☾55'02							-372 Feb 09 j 17:11	0°♁			
greatest brilliancy	-375 Aug 22 j 20:08	14°☾36'03	-4.6m					asc. node	-372 Mar 05 j 00:13	0°♁			
	-375 Sep 13 j 19:40	0°♁							-372 Mar 21 j 19:00	20°♁31'47			
morning max el	-375 Sep 27 j 11:30	12°♁51'52	46°32'31						-372 Mar 29 j 14:00	0°♁			
asc. node	-375 Oct 04 j 23:47	20°♁34'33							-372 Apr 23 j 12:43	0°♁			
	-375 Oct 13 j 18:12	0°♁							-372 May 18 j 23:57	0°☾			
	-375 Nov 08 j 23:26	0°♁						desc. node	-372 Jun 14 j 07:39	0°♁			
	-375 Dec 03 j 22:45	0°♁							-372 Jul 11 j 08:53	28°♁56'20			
	-375 Dec 28 j 10:38	0°♁							-372 Jul 12 j 10:03	0°♁			
desc. node	-374 Jan 21 j 18:54	0°☾						evening max el	-372 Jul 20 j 03:12	7°♁36'33	46°02'44		
	-374 Jan 24 j 13:52	3°☾26'29							-372 Aug 16 j 02:07	0°♁			
	-374 Feb 15 j 02:45	0°♁						greatest brilliancy	-372 Aug 28 j 04:07	6°♁12'56	-4.6m		
	-374 Mar 11 j 11:19	0°♁						retrograde	-372 Sep 07 j 10:59	8°♁08'49			
morning set	-374 Apr 03 j 06:51	28°♁03'09						evening set	-372 Sep 24 j 08:52	2°♁46'33			
	-374 Apr 04 j 20:54	0°♁						inferior conj	-372 Sep 28 j 06:10	0°♁27'28	-7°-24'-56		
	-374 Apr 29 j 07:17	0°♁						minimum elong	-372 Sep 28 j 16:10	0°♁12'16	7°23'12		
max. Earth dist.	-374 May 09 j 20:30	12°♁56'56	1.73660 AU					min. Earth dist.	-372 Sep 29 j 01:39	29°♁57'51	0.27046 AU		
									-372 Sep 29 j 00:14	30°♁			
superior conj	-374 May 10 j 03:01	13°♁16'56	0°-17'-47					morning rise	-372 Oct 02 j 23:01	27°♁39'29			
minimum elong	-374 May 10 j 06:36	13°♁27'56	0°17'38					direct	-372 Oct 18 j 22:52	22°♁39'46			
asc. node	-374 May 17 j 16:38	22°♁34'22						greatest brilliancy	-372 Nov 01 j 11:59	26°♁02'09	-4.7m		
	-374 May 23 j 17:46	0°♁						asc. node	-372 Nov 01 j 11:28	26°♁01'33			
evening rise	-374 Jun 15 j 03:06	27°♁30'38							-372 Nov 08 j 13:45	0°♁			
	-374 Jun 17 j 03:40	0°☾						morning max el	-372 Dec 08 j 17:34	26°♁11'29	46°55'52		
	-374 Jul 11 j 12:55	0°♁							-372 Dec 12 j 10:03	0°♁			
	-374 Aug 04 j 22:23	0°♁							-371 Jan 08 j 15:23	0°♁			
	-374 Aug 29 j 09:39	0°♁							-371 Feb 03 j 08:55	0°☾			
desc. node	-374 Sep 06 j 06:42	9°♁37'14						desc. node	-371 Feb 21 j 01:49	21°☾03'11			

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

	-371 Feb 28 j 13:18	0°≈		greatest brilliancy	-369 Nov 10 j 08:53	21°♁42'25	-4.7m
	-371 Mar 25 j 11:53	0°✠		retrograde	-369 Nov 22 j 09:21	24°♁25'15	
	-371 Apr 19 j 07:20	0°♃		asc. node	-369 Nov 29 j 23:29	23°♁12'56	
	-371 May 14 j 00:14	0°♄		evening set	-369 Dec 06 j 20:02	20°♁12'33	
	-371 Jun 07 j 14:02	0°♅		min. Earth dist.	-369 Dec 12 j 04:58	17°♁03'13	0.26547 AU
morning set	-371 Jun 09 j 22:30	2°♅52'55		inferior conj	-369 Dec 12 j 22:45	16°♁35'54	3°16'31
asc. node	-371 Jun 14 j 04:33	8°♅05'50		minimum elong	-369 Dec 12 j 15:49	16°♁46'33	3°14'26
	-371 Jul 01 j 23:57	0°♆		morning rise	-369 Dec 18 j 12:13	13°♁19'03	
max. Earth dist.	-371 Jul 12 j 11:41	12°♆57'18	1.72994 AU	direct	-368 Jan 02 j 06:40	8°♁58'08	
				greatest brilliancy	-368 Jan 13 j 06:55	11°♁15'15	-4.6m
superior conj	-371 Jul 16 j 04:57	17°♆33'28	1°06'09		-368 Feb 09 j 13:36	0°♁	
minimum elong	-371 Jul 15 j 20:23	17°♆06'57	1°05'54	morning max el	-368 Feb 21 j 04:06	10°♁55'50	46°27'37
	-371 Jul 26 j 05:52	0°♁			-368 Mar 10 j 14:45	0°≈	
	-371 Aug 19 j 08:49	0°♂		desc. node	-368 Mar 20 j 13:35	10°≈50'08	
evening rise	-371 Aug 21 j 14:52	2°♂48'20			-368 Apr 06 j 15:44	0°✠	
	-371 Sep 12 j 10:27	0°♃			-368 May 02 j 15:15	0°♃	
desc. node	-371 Oct 03 j 18:34	26°♃35'13			-368 May 28 j 01:20	0°♄	
	-371 Oct 06 j 12:21	0°♄			-368 Jun 22 j 01:40	0°♅	
	-371 Oct 30 j 15:43	0°♅		asc. node	-368 Jul 11 j 16:23	23°♅50'05	
	-371 Nov 23 j 22:10	0°♆			-368 Jul 16 j 17:17	0°♆	
	-371 Dec 18 j 11:24	0°≈			-368 Aug 10 j 01:00	0°♁	
asc. node	-370 Jan 12 j 15:31	0°✠		morning set	-368 Aug 17 j 05:59	8°♁57'26	
	-370 Jan 24 j 21:11	14°✠06'29			-368 Sep 03 j 02:36	0°♂	
evening max el	-370 Feb 08 j 04:37	0°♃		max. Earth dist.	-368 Sep 21 j 18:39	23°♂24'36	1.71434 AU
	-370 Feb 25 j 00:07	17°♃25'25	45°52'39				
	-370 Mar 10 j 14:56	0°♄		superior conj	-368 Sep 24 j 01:26	26°♂16'36	1°13'15
greatest brilliancy	-370 Mar 31 j 08:47	14°♄22'12	-4.5m	minimum elong	-368 Sep 24 j 10:27	26°♂44'55	1°13'02
retrograde	-370 Apr 15 j 03:55	18°♄13'28			-368 Sep 27 j 00:33	0°♃	
evening set	-370 Apr 30 j 14:44	13°♄35'57			-368 Oct 20 j 21:15	0°♄	
inferior conj	-370 May 06 j 14:59	9°♄58'17	2°16'06	desc. node	-368 Oct 31 j 06:29	13°♄03'07	
minimum elong	-370 May 06 j 19:47	9°♄50'45	2°14'45	evening rise	-368 Nov 03 j 12:56	17°♄09'32	
min. Earth dist.	-370 May 06 j 21:44	9°♄47'42	0.29024 AU		-368 Nov 13 j 18:20	0°♅	
morning rise	-370 May 13 j 00:45	6°♄06'43			-368 Dec 07 j 16:56	0°♆	
desc. node	-370 May 16 j 11:07	4°♄22'39			-368 Dec 31 j 18:29	0°≈	
direct	-370 May 28 j 06:15	1°♄38'01			-367 Jan 25 j 01:37	0°✠	
greatest brilliancy	-370 Jun 10 j 23:04	4°♄53'43	-4.5m		-367 Feb 18 j 18:41	0°♃	
	-370 Jul 14 j 14:07	0°♅		asc. node	-367 Feb 21 j 09:04	3°♃06'49	
morning max el	-370 Jul 16 j 04:30	1°♅31'24	45°52'46		-367 Mar 16 j 04:38	0°♄	
	-370 Aug 12 j 14:38	0°♆			-367 Apr 11 j 20:49	0°♅	
asc. node	-370 Sep 06 j 14:03	28°♆28'29		evening max el	-367 May 06 j 17:27	25°♅32'06	45°16'47
	-370 Sep 07 j 21:14	0°♁			-367 May 11 j 11:55	0°♆	
	-370 Oct 02 j 21:34	0°♂		greatest brilliancy	-367 Jun 11 j 03:22	21°♆59'13	-4.5m
	-370 Oct 27 j 05:56	0°♃		desc. node	-367 Jun 12 j 23:09	22°♆43'16	
	-370 Nov 20 j 06:48	0°♄		retrograde	-367 Jun 24 j 03:24	24°♆55'41	
	-370 Dec 14 j 05:20	0°♅		evening set	-367 Jul 10 j 06:09	20°♆02'09	
desc. node	-370 Dec 27 j 04:07	16°♅13'28		inferior conj	-367 Jul 15 j 11:52	16°♆53'35	-6°-43'-4
	-369 Jan 07 j 04:19	0°♆		minimum elong	-367 Jul 15 j 01:55	17°♆08'59	6°41'13
morning set	-369 Jan 17 j 19:35	13°♆17'27		min. Earth dist.	-367 Jul 15 j 16:50	16°♆45'52	0.28616 AU
	-369 Jan 31 j 05:00	0°≈		morning rise	-367 Jul 19 j 21:24	14°♆13'18	
	-369 Feb 24 j 08:04	0°✠		direct	-367 Aug 06 j 01:36	8°♆41'39	
				greatest brilliancy	-367 Aug 20 j 10:53	12°♆20'45	-4.6m
superior conj	-369 Feb 27 j 02:44	3°✠26'44	-1°-24'-17		-367 Sep 14 j 00:29	0°♁	
minimum elong	-369 Feb 27 j 05:50	3°✠36'19	1°24'17	morning max el	-367 Sep 25 j 01:09	10°♁30'26	46°31'11
max. Earth dist.	-369 Mar 02 j 14:09	7°✠45'12	1.72620 AU	asc. node	-367 Oct 04 j 01:47	19°♁48'14	
	-369 Mar 20 j 14:00	0°♃			-367 Oct 13 j 11:49	0°♂	
evening rise	-369 Apr 06 j 12:30	20°♃51'36			-367 Nov 08 j 13:55	0°♃	
	-369 Apr 13 j 23:09	0°♄			-367 Dec 03 j 11:50	0°♄	
asc. node	-369 Apr 19 j 06:50	6°♄31'29			-367 Dec 27 j 22:58	0°♅	
	-369 May 08 j 11:34	0°♅			-366 Jan 21 j 06:44	0°♆	
	-369 Jun 02 j 03:29	0°♆		desc. node	-366 Jan 23 j 15:56	2°♆56'30	
	-369 Jun 26 j 23:58	0°♁			-366 Feb 14 j 14:14	0°≈	
	-369 Jul 22 j 03:36	0°♂			-366 Mar 10 j 22:32	0°✠	
desc. node	-369 Aug 08 j 20:46	20°♂48'01		morning set	-366 Mar 31 j 23:25	25°♂52'44	
	-369 Aug 16 j 19:23	0°♃			-366 Apr 04 j 07:55	0°♃	
	-369 Sep 12 j 10:32	0°♄			-366 Apr 28 j 18:11	0°♄	
evening max el	-369 Oct 02 j 15:58	21°♄17'41	47°15'29				
	-369 Oct 11 j 15:29	0°♅		superior conj	-366 May 07 j 21:01	11°♅11'28	0°-20'-51

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

minimum elong	-366 May 08 j 01:12	11°♄24'18	0°20'41	morning rise	-364 Sep 30 j 08:07	25°♎19'24	
max. Earth dist.	-366 May 07 j 17:08	10°♄59'33	1.73650 AU	direct	-364 Oct 16 j 12:22	20°♎12'59	
asc. node	-366 May 16 j 18:47	22°♄07'36		greatest brilliancy	-364 Oct 30 j 04:15	23°♎38'52	-4.7m
	-366 May 23 j 04:39	0°♄		asc. node	-364 Oct 31 j 13:43	24°♎19'56	
evening rise	-366 Jun 12 j 22:07	25°♄27'52			-364 Nov 09 j 17:41	0°♄	
	-366 Jun 16 j 14:39	0°♄		morning max el	-364 Dec 06 j 08:01	23°♄46'59	46°56'05
	-366 Jul 11 j 00:07	0°♄			-364 Dec 12 j 07:26	0°♄	
	-366 Aug 04 j 09:57	0°♎			-363 Jan 08 j 07:33	0°♎	
	-366 Aug 28 j 21:43	0°♄			-363 Feb 02 j 22:52	0°♄	
desc. node	-366 Sep 05 j 08:40	9°♄05'48		desc. node	-363 Feb 20 j 03:47	20°♄30'03	
	-366 Sep 22 j 13:23	0°♄			-363 Feb 28 j 02:02	0°♄	
	-366 Oct 17 j 11:53	0°♎			-363 Mar 24 j 23:51	0°♎	
	-366 Nov 12 j 00:38	0°♄			-363 Apr 18 j 18:48	0°♄	
	-366 Dec 09 j 02:10	0°♄			-363 May 13 j 11:23	0°♄	
evening max el	-366 Dec 13 j 12:55	4°♄36'33	47°08'52		-363 Jun 07 j 01:02	0°♄	
asc. node	-366 Dec 27 j 11:24	18°♄03'59		morning set	-363 Jun 07 j 17:07	0°♄49'16	
	-365 Jan 11 j 11:43	0°♄		asc. node	-363 Jun 13 j 06:38	7°♄38'32	
greatest brilliancy	-365 Jan 19 j 10:42	4°♄37'23	-4.6m		-363 Jul 01 j 10:53	0°♄	
retrograde	-365 Feb 02 j 08:48	8°♄11'40		max. Earth dist.	-363 Jul 10 j 09:19	11°♄01'52	1.73042 AU
evening set	-365 Feb 20 j 07:09	1°♄57'14					
min. Earth dist.	-365 Feb 22 j 23:57	0°♄15'20	0.28347 AU	superior conj	-363 Jul 13 j 23:08	15°♄27'18	1°04'08
	-365 Feb 23 j 09:35	30°♄		minimum elong	-363 Jul 13 j 14:29	15°♄00'31	1°03'51
inferior conj	-365 Feb 23 j 12:26	29°♄55'28	8°33'34		-363 Jul 25 j 16:51	0°♄	
minimum elong	-365 Feb 23 j 14:13	29°♄52'37	8°33'31		-363 Aug 18 j 19:56	0°♄	
morning rise	-365 Feb 26 j 21:32	27°♄48'21		evening rise	-363 Aug 19 j 07:01	0°♄34'33	
direct	-365 Mar 16 j 14:24	21°♄48'37			-363 Sep 11 j 21:47	0°♄	
greatest brilliancy	-365 Mar 27 j 18:58	24°♄04'45	-4.5m	desc. node	-363 Oct 02 j 20:40	26°♄05'42	
	-365 Apr 08 j 00:27	0°♄			-363 Oct 05 j 23:59	0°♄	
desc. node	-365 Apr 18 j 01:20	7°♄19'56			-363 Oct 30 j 03:42	0°♄	
morning max el	-365 May 04 j 11:27	21°♄53'49	45°50'17		-363 Nov 23 j 10:36	0°♄	
	-365 May 12 j 17:23	0°♄			-363 Dec 18 j 00:33	0°♄	
	-365 Jun 09 j 22:21	0°♄			-362 Jan 12 j 05:59	0°♄	
	-365 Jul 06 j 07:35	0°♄		asc. node	-362 Jan 23 j 23:13	13°♄28'16	
	-365 Jul 31 j 17:13	0°♄			-362 Feb 07 j 22:15	0°♄	
asc. node	-365 Aug 09 j 04:13	10°♄11'12		evening max el	-362 Feb 22 j 16:16	15°♄13'33	45°55'16
	-365 Aug 25 j 10:32	0°♄			-362 Mar 10 j 21:25	0°♄	
	-365 Sep 18 j 16:20	0°♄		greatest brilliancy	-362 Mar 29 j 00:58	12°♄13'16	-4.5m
	-365 Oct 12 j 15:11	0°♄		retrograde	-362 Apr 12 j 21:25	16°♄05'36	
morning set	-365 Oct 29 j 23:21	21°♄49'34		evening set	-362 Apr 28 j 09:16	11°♄25'24	
	-365 Nov 05 j 11:01	0°♄		inferior conj	-362 May 04 j 07:44	7°♄49'54	2°34'42
desc. node	-365 Nov 28 j 18:21	29°♄21'28		minimum elong	-362 May 04 j 13:07	7°♄41'26	2°33'12
	-365 Nov 29 j 06:35	0°♄		min. Earth dist.	-362 May 04 j 14:02	7°♄40'01	0.29024 AU
				morning rise	-362 May 10 j 17:00	3°♄59'14	
superior conj	-365 Dec 10 j 12:07	14°♄07'50	0°-27'-24	desc. node	-362 May 15 j 13:14	1°♄38'43	
minimum elong	-365 Dec 10 j 04:58	13°♄45'20	0°27'04		-362 May 20 j 22:10	30°♄	
max. Earth dist.	-365 Dec 13 j 07:35	17°♄39'51	1.71139 AU	direct	-362 May 25 j 23:15	29°♄29'43	
	-365 Dec 23 j 03:20	0°♄			-362 May 31 j 03:38	0°♄	
	-364 Jan 16 j 02:12	0°♄		greatest brilliancy	-362 Jun 08 j 14:14	2°♄44'05	-4.5m
evening rise	-364 Jan 21 j 01:01	6°♄10'50		morning max el	-362 Jul 13 j 21:37	29°♄23'57	45°51'47
	-364 Feb 09 j 04:23	0°♄			-362 Jul 14 j 12:38	0°♄	
	-364 Mar 04 j 11:32	0°♄			-362 Aug 12 j 06:28	0°♄	
asc. node	-364 Mar 20 j 21:02	20°♄02'59		asc. node	-362 Sep 05 j 16:07	27°♄54'26	
	-364 Mar 29 j 01:38	0°♄			-362 Sep 07 j 10:48	0°♄	
	-364 Apr 23 j 00:57	0°♄			-362 Oct 02 j 10:07	0°♄	
	-364 May 18 j 13:18	0°♄			-362 Oct 26 j 17:58	0°♄	
	-364 Jun 13 j 23:15	0°♄			-362 Nov 19 j 18:31	0°♄	
desc. node	-364 Jul 10 j 10:58	28°♄09'00		desc. node	-362 Dec 13 j 16:51	0°♄	
	-364 Jul 12 j 07:21	0°♄			-362 Dec 26 j 06:05	15°♄43'48	
evening max el	-364 Jul 17 j 15:48	5°♄14'13	46°00'11		-361 Jan 06 j 15:40	0°♄	
	-364 Aug 17 j 13:23	0°♄		morning set	-361 Jan 15 j 05:52	10°♄44'23	
greatest brilliancy	-364 Aug 25 j 15:09	3°♄46'55	-4.6m		-361 Jan 30 j 16:14	0°♄	
retrograde	-364 Sep 04 j 23:33	5°♄44'11			-361 Feb 23 j 19:11	0°♄	
evening set	-364 Sep 22 j 00:34	0°♄16'38					
	-364 Sep 22 j 12:03	30°♄		superior conj	-361 Feb 24 j 16:26	1°♄05'57	-1°-24'-45
inferior conj	-364 Sep 25 j 18:56	28°♄01'56	-7°-37'-5	minimum elong	-361 Feb 24 j 18:41	1°♄12'54	1°24'45
minimum elong	-364 Sep 26 j 04:33	27°♄47'20	7°35'32	max. Earth dist.	-361 Feb 28 j 06:33	5°♄32'55	1.72564 AU
min. Earth dist.	-364 Sep 26 j 14:40	27°♄31'59	0.27112 AU		-361 Mar 20 j 01:02	0°♄	

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

evening rise	-361 Apr 04 j 04:55	18° $\Upsilon$ 40'44		-359 Nov 08 j 04:12	0° $\underline{\Omega}$	
	-361 Apr 13 j 10:10	0° $\text{B}$		-359 Dec 03 j 00:52	0° $\text{M}$	
asc. node	-361 Apr 18 j 09:03	6° $\text{B}$ 04'25		-359 Dec 27 j 11:16	0° $\text{Z}$	
	-361 May 07 j 22:42	0° $\text{II}$		-358 Jan 20 j 18:34	0° $\text{Z}$	
	-361 Jun 01 j 14:58	0° $\text{S}$		-358 Jan 22 j 17:59	2° $\text{Z}$ 26'28	
	-361 Jun 26 j 12:04	0° $\Omega$		-358 Feb 14 j 01:41	0° $\approx$	
	-361 Jul 21 j 16:42	0° $\text{M}$		-358 Mar 10 j 09:40	0° $\text{K}$	
desc. node	-361 Aug 07 j 22:43	20° $\text{M}$ 12'34		-358 Mar 29 j 15:40	23° $\text{K}$ 41'29	
	-361 Aug 16 j 10:12	0° $\underline{\Omega}$		-358 Apr 03 j 18:50	0° $\Upsilon$	
	-361 Sep 12 j 04:50	0° $\text{M}$		-358 Apr 28 j 04:59	0° $\text{B}$	
evening max el	-361 Sep 30 j 06:48	18° $\text{M}$ 55'40	47°13'46			
	-361 Oct 11 j 20:30	0° $\text{Z}$				
greatest brilliancy	-361 Nov 07 j 23:46	19° $\text{Z}$ 15'00	-4.7m	superior conj	-358 May 05 j 15:00	9° $\text{B}$ 06'19 0°-23'-55
retrograde	-361 Nov 19 j 22:25	21° $\text{Z}$ 54'59		minimum elong	-358 May 05 j 19:46	9° $\text{B}$ 20'56 0°23'42
asc. node	-361 Nov 29 j 01:32	20° $\text{Z}$ 10'58		max. Earth dist.	-358 May 05 j 12:23	8° $\text{B}$ 58'14 1.73638 AU
evening set	-361 Dec 04 j 07:31	17° $\text{Z}$ 44'45		asc. node	-358 May 15 j 20:51	21° $\text{B}$ 40'49
min. Earth dist.	-361 Dec 09 j 18:24	14° $\text{Z}$ 32'28	0.26507 AU		-358 May 22 j 15:27	0° $\text{II}$
inferior conj	-361 Dec 10 j 11:09	14° $\text{Z}$ 06'45	2°53'55	evening rise	-358 Jun 10 j 17:21	23° $\text{II}$ 26'12
minimum elong	-361 Dec 10 j 04:55	14° $\text{Z}$ 16'19	2°52'00		-358 Jun 16 j 01:31	0° $\text{S}$
morning rise	-361 Dec 16 j 02:57	10° $\text{Z}$ 46'49			-358 Jul 10 j 11:09	0° $\Omega$
direct	-361 Dec 30 j 19:18	6° $\text{Z}$ 29'53			-358 Aug 03 j 21:18	0° $\text{M}$
greatest brilliancy	-360 Jan 10 j 19:45	8° $\text{Z}$ 47'18	-4.6m	desc. node	-358 Aug 28 j 09:36	0° $\underline{\Omega}$
	-360 Feb 09 j 18:44	0° $\text{Z}$			-358 Sep 04 j 10:51	8° $\underline{\Omega}$ 35'45
morning max el	-360 Feb 18 j 17:15	8° $\text{Z}$ 32'05	46°29'02		-358 Sep 22 j 02:00	0° $\text{M}$
	-360 Mar 10 j 08:45	0° $\approx$			-358 Oct 17 j 01:40	0° $\text{Z}$
desc. node	-360 Mar 19 j 15:41	10° $\approx$ 10'37			-358 Nov 11 j 16:28	0° $\text{Z}$
	-360 Apr 06 j 06:16	0° $\text{K}$			-358 Dec 08 j 23:03	0° $\approx$
	-360 May 02 j 04:07	0° $\Upsilon$		evening max el	-358 Dec 11 j 02:37	2° $\approx$ 12'41 47°10'39
	-360 May 27 j 13:16	0° $\text{B}$		asc. node	-358 Dec 26 j 13:26	17° $\approx$ 02'09
	-360 Jun 21 j 13:03	0° $\text{II}$			-357 Jan 12 j 18:43	0° $\text{K}$
asc. node	-360 Jul 10 j 18:24	23° $\text{II}$ 22'13		greatest brilliancy	-357 Jan 17 j 03:43	2° $\text{K}$ 21'17 -4.6m
	-360 Jul 16 j 04:22	0° $\text{S}$		retrograde	-357 Jan 31 j 00:09	5° $\text{K}$ 54'34
	-360 Aug 09 j 11:59	0° $\Omega$			-357 Feb 17 j 09:41	30° $\approx$
morning set	-360 Aug 14 j 22:13	6° $\Omega$ 44'31		evening set	-357 Feb 17 j 22:34	29° $\approx$ 40'19
	-360 Sep 02 j 13:36	0° $\text{M}$		min. Earth dist.	-357 Feb 20 j 14:32	27° $\approx$ 59'55 0.28294 AU
max. Earth dist.	-360 Sep 19 j 01:44	20° $\text{M}$ 41'34	1.71483 AU	inferior conj	-357 Feb 21 j 03:45	27° $\approx$ 38'54 8°35'35
				minimum elong	-357 Feb 21 j 04:46	27° $\approx$ 37'18 8°35'34
superior conj	-360 Sep 21 j 15:13	23° $\text{M}$ 54'30	1°14'59	morning rise	-357 Feb 24 j 11:09	25° $\approx$ 34'28
minimum elong	-360 Sep 21 j 23:43	24° $\text{M}$ 21'12	1°14'48	direct	-357 Mar 14 j 04:22	19° $\approx$ 32'49
	-360 Sep 26 j 11:38	0° $\underline{\Omega}$		greatest brilliancy	-357 Mar 25 j 08:56	21° $\approx$ 48'43 -4.5m
	-360 Oct 20 j 08:26	0° $\text{M}$			-357 Apr 08 j 22:46	0° $\text{K}$
desc. node	-360 Oct 30 j 08:38	12° $\text{M}$ 34'35		desc. node	-357 Apr 17 j 03:29	6° $\text{K}$ 17'19
evening rise	-360 Oct 31 j 22:59	14° $\text{M}$ 35'00		morning max el	-357 May 02 j 02:03	19° $\text{K}$ 39'23 45°51'10
	-360 Nov 13 j 05:38	0° $\text{Z}$			-357 May 12 j 13:00	0° $\Upsilon$
	-360 Dec 07 j 04:23	0° $\text{Z}$			-357 Jun 09 j 13:11	0° $\text{B}$
	-360 Dec 31 j 06:06	0° $\approx$			-357 Jul 05 j 20:28	0° $\text{II}$
	-359 Jan 24 j 13:31	0° $\text{K}$			-357 Jul 31 j 05:07	0° $\text{S}$
	-359 Feb 18 j 07:10	0° $\Upsilon$		asc. node	-357 Aug 08 j 06:17	9° $\text{S}$ 42'08
asc. node	-359 Feb 20 j 11:09	2° $\Upsilon$ 35'29			-357 Aug 24 j 21:54	0° $\Omega$
	-359 Mar 15 j 18:19	0° $\text{B}$			-357 Sep 18 j 03:26	0° $\text{M}$
	-359 Mar 15 j 18:19	0° $\text{B}$			-357 Oct 12 j 02:10	0° $\underline{\Omega}$
	-359 Apr 11 j 13:15	0° $\text{II}$		morning set	-357 Oct 27 j 11:09	19° $\underline{\Omega}$ 20'57
evening max el	-359 May 04 j 08:24	23° $\text{II}$ 19'16	45°16'46		-357 Nov 04 j 22:00	0° $\text{M}$
	-359 May 11 j 13:23	0° $\text{S}$		desc. node	-357 Nov 27 j 20:21	28° $\text{M}$ 53'10
greatest brilliancy	-359 Jun 08 j 17:02	19° $\text{S}$ 46'22	-4.5m		-357 Nov 28 j 17:35	0° $\text{Z}$
desc. node	-359 Jun 12 j 01:10	21° $\text{S}$ 03'16				
retrograde	-359 Jun 21 j 18:15	22° $\text{S}$ 44'49		superior conj	-357 Dec 07 j 21:27	11° $\text{Z}$ 31'42 0°-23'-33
evening set	-359 Jul 07 j 18:48	17° $\text{S}$ 55'11		minimum elong	-357 Dec 07 j 15:12	11° $\text{Z}$ 12'04 0°23'16
inferior conj	-359 Jul 13 j 03:35	14° $\text{S}$ 42'21	-6°-29'-43	max. Earth dist.	-357 Dec 10 j 11:24	14° $\text{Z}$ 46'27 1.71120 AU
minimum elong	-359 Jul 12 j 17:33	14° $\text{S}$ 57'54	6°27'45		-357 Dec 22 j 14:20	0° $\text{Z}$
min. Earth dist.	-359 Jul 13 j 08:37	14° $\text{S}$ 34'34	0.28643 AU		-356 Jan 15 j 13:13	0° $\approx$
morning rise	-359 Jul 17 j 15:57	11° $\text{S}$ 57'40		evening rise	-356 Jan 18 j 11:49	3° $\approx$ 40'25
direct	-359 Aug 03 j 17:08	6° $\text{S}$ 29'54			-356 Feb 08 j 15:26	0° $\text{K}$
greatest brilliancy	-359 Aug 18 j 02:33	10° $\text{S}$ 08'02	-4.6m		-356 Mar 03 j 22:44	0° $\Upsilon$
	-359 Sep 14 j 03:13	0° $\Omega$		asc. node	-356 Mar 19 j 23:13	19° $\Upsilon$ 35'08
morning max el	-359 Sep 22 j 14:49	8° $\Omega$ 09'49	46°29'38		-356 Mar 28 j 13:07	0° $\text{B}$
asc. node	-359 Oct 03 j 04:01	19° $\Omega$ 03'44			-356 Apr 22 j 13:01	0° $\text{II}$
	-359 Oct 13 j 04:55	0° $\text{M}$			-356 May 18 j 02:31	0° $\text{S}$



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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

retrograde	-351 Jun 19 j 09:13	20°♁33'59		superior conj	-349 Dec 05 j 06:30	8°♁54'08	0°-19'-37
evening set	-351 Jul 05 j 07:21	15°♁47'43		minimum elong	-349 Dec 05 j 01:15	8°♁37'35	0°19'23
inferior conj	-351 Jul 10 j 19:10	12°♁30'54	-6°-15'-34	max. Earth dist.	-349 Dec 07 j 18:19	12°♁02'14	1.71098 AU
minimum elong	-351 Jul 10 j 09:06	12°♁46'29	6°13'31		-349 Dec 22 j 01:28	0°♁	
min. Earth dist.	-351 Jul 11 j 00:17	12°♁22'59	0.28675 AU		-348 Jan 15 j 00:21	0°≈	
morning rise	-351 Jul 15 j 10:27	9°♁41'56		evening rise	-348 Jan 15 j 22:33	1°≈09'20	
direct	-351 Aug 01 j 08:26	4°♁17'41			-348 Feb 08 j 02:38	0°♁	
greatest brilliancy	-351 Aug 15 j 19:22	7°♁56'42	-4.5m		-348 Mar 03 j 10:04	0°♁	
	-351 Sep 14 j 04:33	0°♁		asc. node	-348 Mar 19 j 01:12	19°♁06'13	
morning max el	-351 Sep 20 j 05:06	5°♁50'54	46°28'14		-348 Mar 28 j 00:45	0°♁	
asc. node	-351 Oct 02 j 06:01	18°♁19'14			-348 Apr 22 j 01:15	0°♁	
	-351 Oct 12 j 21:38	0°♁			-348 May 17 j 15:56	0°♁	
	-351 Nov 07 j 18:16	0°♁			-348 Jun 13 j 06:44	0°♁	
	-351 Dec 02 j 13:42	0°♁		desc. node	-348 Jul 08 j 15:07	26°♁33'21	
	-351 Dec 26 j 23:25	0°♁			-348 Jul 12 j 03:50	0°♁	
	-350 Jan 20 j 06:15	0°♁		evening max el	-348 Jul 12 j 20:02	0°♁38'57	45°55'16
desc. node	-350 Jan 21 j 20:05	1°♁56'57		greatest brilliancy	-348 Aug 20 j 12:12	28°♁57'00	-4.6m
	-350 Feb 13 j 12:59	0°≈			-348 Aug 23 j 20:56	0°♁	
	-350 Mar 09 j 20:41	0°♁		retrograde	-348 Aug 31 j 01:32	0°♁57'37	
morning set	-350 Mar 27 j 08:02	21°♁30'48			-348 Sep 07 j 00:02	30°♁	
	-350 Apr 03 j 05:38	0°♁		evening set	-348 Sep 17 j 08:04	25°♁20'34	
	-350 Apr 27 j 15:41	0°♁		inferior conj	-348 Sep 20 j 20:47	23°♁13'48	-7°-58'-39
				minimum elong	-348 Sep 21 j 05:26	23°♁00'38	7°57'28
superior conj	-350 May 03 j 09:09	7°♁01'58	0°-26'-55	min. Earth dist.	-348 Sep 21 j 16:01	22°♁44'35	0.27239 AU
minimum elong	-350 May 03 j 14:28	7°♁18'17	0°26'41	morning rise	-348 Sep 25 j 02:30	20°♁42'01	
max. Earth dist.	-350 May 03 j 08:36	7°♁00'17	1.73628 AU	direct	-348 Oct 11 j 16:51	15°♁23'03	
asc. node	-350 May 14 j 22:52	21°♁14'14		greatest brilliancy	-348 Oct 25 j 09:50	18°♁51'17	-4.7m
	-350 May 22 j 02:08	0°♁		asc. node	-348 Oct 29 j 17:43	21°♁09'20	
evening rise	-350 Jun 08 j 12:42	21°♁25'09			-348 Nov 11 j 04:30	0°♁	
	-350 Jun 15 j 12:20	0°♁		morning max el	-348 Dec 01 j 13:45	19°♁02'04	46°55'57
	-350 Jul 09 j 22:13	0°♁			-348 Dec 11 j 23:35	0°♁	
	-350 Aug 03 j 08:45	0°♁			-347 Jan 07 j 14:41	0°♁	
	-350 Aug 27 j 21:35	0°♁		desc. node	-347 Feb 02 j 02:05	0°♁	
desc. node	-350 Sep 03 j 12:54	8°♁04'57			-347 Feb 18 j 08:02	19°♁25'50	
	-350 Sep 21 j 14:47	0°♁			-347 Feb 27 j 03:03	0°≈	
	-350 Oct 16 j 15:37	0°♁			-347 Mar 23 j 23:29	0°♁	
	-350 Nov 11 j 08:34	0°♁			-347 Apr 17 j 17:30	0°♁	
evening max el	-350 Dec 08 j 16:56	29°♁50'28	47°12'32		-347 May 12 j 09:26	0°♁	
	-350 Dec 08 j 20:40	0°≈		morning set	-347 Jun 03 j 06:03	26°♁42'08	
asc. node	-350 Dec 25 j 15:34	15°≈59'02			-347 Jun 05 j 22:40	0°♁	
	-349 Jan 14 j 16:35	0°♁		asc. node	-347 Jun 11 j 10:48	6°♁45'03	
greatest brilliancy	-349 Jan 14 j 19:46	0°♁03'50	-4.6m		-347 Jun 30 j 08:23	0°♁	
retrograde	-349 Jan 28 j 15:59	3°♁37'26		max. Earth dist.	-347 Jul 06 j 01:36	7°♁03'18	1.73127 AU
	-349 Feb 11 j 00:09	30°≈					
evening set	-349 Feb 15 j 13:36	27°≈23'41		superior conj	-347 Jul 09 j 11:35	11°♁16'33	0°59'51
min. Earth dist.	-349 Feb 18 j 04:52	25°≈44'39	0.28238 AU	minimum elong	-347 Jul 09 j 02:53	10°♁49'40	0°59'33
inferior conj	-349 Feb 18 j 19:04	25°≈22'08	8°36'43		-347 Jul 24 j 14:27	0°♁	
minimum elong	-349 Feb 18 j 19:17	25°≈21'47	8°36'44	evening rise	-347 Aug 14 j 16:01	26°♁10'15	
morning rise	-349 Feb 22 j 01:09	23°≈19'57			-347 Aug 17 j 17:51	0°♁	
direct	-349 Mar 11 j 18:32	17°≈16'47			-347 Sep 10 j 20:10	0°♁	
greatest brilliancy	-349 Mar 22 j 22:41	19°≈32'28	-4.5m	desc. node	-347 Oct 01 j 00:46	25°♁07'29	
	-349 Apr 09 j 15:16	0°♁			-347 Oct 04 j 22:55	0°♁	
desc. node	-349 Apr 16 j 05:24	5°♁15'47			-347 Oct 29 j 03:18	0°♁	
morning max el	-349 Apr 29 j 17:37	17°♁27'17	45°52'09		-347 Nov 22 j 11:09	0°♁	
	-349 May 12 j 08:02	0°♁			-347 Dec 17 j 02:37	0°≈	
	-349 Jun 09 j 03:48	0°♁			-346 Jan 11 j 11:00	0°♁	
	-349 Jul 05 j 09:17	0°♁		asc. node	-346 Jan 22 j 03:26	12°♁12'12	
	-349 Jul 30 j 17:03	0°♁			-346 Feb 07 j 10:29	0°♁	
asc. node	-349 Aug 07 j 08:26	9°♁13'01		evening max el	-346 Feb 18 j 00:53	10°♁50'32	46°00'06
	-349 Aug 24 j 09:23	0°♁			-346 Mar 11 j 18:39	0°♁	
	-349 Sep 17 j 14:43	0°♁		greatest brilliancy	-346 Mar 24 j 12:15	7°♁58'25	-4.5m
	-349 Oct 11 j 13:23	0°♁		retrograde	-346 Apr 08 j 06:59	11°♁48'18	
morning set	-349 Oct 24 j 22:50	16°♁51'20		evening set	-346 Apr 23 j 22:27	7°♁03'01	
	-349 Nov 04 j 09:11	0°♁		inferior conj	-346 Apr 29 j 16:53	3°♁32'13	3°11'35
desc. node	-349 Nov 26 j 22:25	28°♁24'33		minimum elong	-346 Apr 29 j 23:23	3°♁21'59	3°09'49
	-349 Nov 28 j 04:45	0°♁		min. Earth dist.	-346 Apr 29 j 22:43	3°♁23'02	0.29016 AU
					-346 May 05 j 12:36	30°♁	

Planetary Phenomena of Venus from -401 through -300 (UT), Astrodienst AG 24-Mai-2003 10:13, page 12

Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

morning rise	-346 May 06 j 00:29	29° $\Upsilon$ 43'26			-344 Nov 12 j 04:07	0° $\mathcal{Z}$	
desc. node	-346 May 13 j 17:21	26° $\Upsilon$ 21'51			-344 Dec 06 j 03:09	0° $\mathcal{Z}$	
direct	-346 May 21 j 08:51	25° $\Upsilon$ 12'33			-344 Dec 30 j 05:15	0° $\approx$	
greatest brilliancy	-346 Jun 03 j 17:27	28° $\Upsilon$ 20'27	-4.5m		-343 Jan 23 j 13:17	0° $\mathcal{K}$	
	-346 Jun 07 j 03:50	0° $\mathcal{B}$			-343 Feb 17 j 08:11	0° $\Upsilon$	
morning max el	-346 Jul 09 j 05:43	25° $\mathcal{B}$ 04'30	45°50'07	asc. node	-343 Feb 18 j 15:17	1° $\Upsilon$ 32'50	
	-346 Jul 14 j 07:01	0° $\mathcal{H}$			-343 Mar 14 j 21:56	0° $\mathcal{B}$	
	-346 Aug 11 j 13:05	0° $\mathcal{E}$			-343 Apr 10 j 23:00	0° $\mathcal{H}$	
asc. node	-346 Sep 03 j 20:16	26° $\mathcal{E}$ 48'04		evening max el	-343 Apr 29 j 13:40	18° $\mathcal{H}$ 52'10	45°16'56
	-346 Sep 06 j 13:16	0° $\mathcal{Q}$			-343 May 11 j 21:06	0° $\mathcal{E}$	
	-346 Oct 01 j 10:41	0° $\mathcal{N}$		greatest brilliancy	-343 Jun 03 j 17:13	15° $\mathcal{E}$ 16'27	-4.5m
	-346 Oct 25 j 17:33	0° $\mathcal{L}$		desc. node	-343 Jun 10 j 05:22	17° $\mathcal{E}$ 31'20	
	-346 Nov 18 j 17:32	0° $\mathcal{M}$		retrograde	-343 Jun 17 j 00:48	18° $\mathcal{E}$ 22'49	
	-346 Dec 12 j 15:29	0° $\mathcal{J}$		evening set	-343 Jul 02 j 20:10	13° $\mathcal{E}$ 39'32	
desc. node	-346 Dec 24 j 10:20	14° $\mathcal{J}$ 46'35		inferior conj	-343 Jul 08 j 10:50	10° $\mathcal{E}$ 18'57	-6°00'-58
	-345 Jan 05 j 14:01	0° $\mathcal{Z}$		minimum elong	-343 Jul 08 j 00:47	10° $\mathcal{E}$ 34'28	5°58'51
morning set	-345 Jan 10 j 02:37	5° $\mathcal{Z}$ 39'38		min. Earth dist.	-343 Jul 08 j 15:43	10° $\mathcal{E}$ 11'23	0.28703 AU
	-345 Jan 29 j 14:20	0° $\approx$		morning rise	-343 Jul 13 j 04:59	7° $\mathcal{E}$ 25'57	
				direct	-343 Jul 30 j 00:08	2° $\mathcal{E}$ 05'00	
superior conj	-345 Feb 19 j 19:22	26° $\approx$ 23'38	-1°-25'-14	greatest brilliancy	-343 Aug 13 j 12:37	5° $\mathcal{E}$ 45'39	-4.5m
minimum elong	-345 Feb 19 j 19:49	26° $\approx$ 25'02	1°25'15		-343 Sep 14 j 04:53	0° $\mathcal{Q}$	
	-345 Feb 22 j 17:05	0° $\mathcal{K}$		morning max el	-343 Sep 17 j 20:30	3° $\mathcal{Q}$ 34'29	46°26'54
max. Earth dist.	-345 Feb 23 j 17:38	1° $\mathcal{K}$ 16'11	1.72453 AU	asc. node	-343 Oct 01 j 08:03	17° $\mathcal{Q}$ 34'49	
	-345 Mar 18 j 22:50	0° $\Upsilon$			-343 Oct 12 j 14:14	0° $\mathcal{N}$	
evening rise	-345 Mar 30 j 12:50	14° $\Upsilon$ 16'30			-343 Nov 07 j 08:20	0° $\mathcal{L}$	
	-345 Apr 12 j 08:02	0° $\mathcal{B}$			-343 Dec 02 j 02:36	0° $\mathcal{M}$	
asc. node	-345 Apr 16 j 13:05	5° $\mathcal{B}$ 09'37			-343 Dec 26 j 11:40	0° $\mathcal{J}$	
	-345 May 06 j 20:57	0° $\mathcal{H}$			-342 Jan 19 j 18:03	0° $\mathcal{Z}$	
	-345 May 31 j 13:57	0° $\mathcal{E}$		desc. node	-342 Jan 20 j 22:09	1° $\mathcal{Z}$ 26'56	
	-345 Jun 25 j 12:18	0° $\mathcal{Q}$			-342 Feb 13 j 00:27	0° $\approx$	
	-345 Jul 20 j 19:00	0° $\mathcal{N}$			-342 Mar 09 j 07:54	0° $\mathcal{K}$	
desc. node	-345 Aug 06 j 02:59	19° $\mathcal{N}$ 02'45		morning set	-342 Mar 24 j 23:59	19° $\mathcal{K}$ 18'03	
	-345 Aug 15 j 16:08	0° $\mathcal{L}$			-342 Apr 02 j 16:41	0° $\Upsilon$	
	-345 Sep 11 j 18:26	0° $\mathcal{M}$			-342 Apr 27 j 02:37	0° $\mathcal{B}$	
evening max el	-345 Sep 25 j 10:06	14° $\mathcal{M}$ 06'50	47°09'58				
	-345 Oct 12 j 12:44	0° $\mathcal{J}$		superior conj	-342 May 01 j 02:54	4° $\mathcal{B}$ 55'36	0°-29'-55
greatest brilliancy	-345 Nov 03 j 07:13	14° $\mathcal{J}$ 22'57	-4.7m	minimum elong	-342 May 01 j 08:46	5° $\mathcal{B}$ 13'36	0°29'40
retrograde	-345 Nov 14 j 22:53	16° $\mathcal{J}$ 55'14		max. Earth dist.	-342 May 01 j 05:20	5° $\mathcal{B}$ 03'05	1.73616 AU
asc. node	-345 Nov 27 j 05:43	13° $\mathcal{J}$ 51'43		asc. node	-342 May 14 j 01:03	20° $\mathcal{B}$ 47'28	
evening set	-345 Nov 29 j 07:06	12° $\mathcal{J}$ 48'50			-342 May 21 j 13:04	0° $\mathcal{H}$	
min. Earth dist.	-345 Dec 04 j 22:30	9° $\mathcal{J}$ 30'18	0.26437 AU	evening rise	-342 Jun 06 j 07:49	19° $\mathcal{H}$ 22'50	
inferior conj	-345 Dec 05 j 11:59	9° $\mathcal{J}$ 09'36	2°07'22		-342 Jun 14 j 23:20	0° $\mathcal{E}$	
minimum elong	-345 Dec 05 j 07:18	9° $\mathcal{J}$ 16'48	2°05'53		-342 Jul 09 j 09:27	0° $\mathcal{Q}$	
morning rise	-345 Dec 11 j 07:55	5° $\mathcal{J}$ 43'43			-342 Aug 02 j 20:22	0° $\mathcal{N}$	
direct	-345 Dec 25 j 19:12	1° $\mathcal{J}$ 33'50			-342 Aug 27 j 09:46	0° $\mathcal{L}$	
greatest brilliancy	-344 Jan 06 j 00:01	3° $\mathcal{J}$ 54'43	-4.6m	desc. node	-342 Sep 02 j 14:53	7° $\mathcal{L}$ 33'29	
	-344 Feb 09 j 23:37	0° $\mathcal{Z}$			-342 Sep 21 j 03:44	0° $\mathcal{M}$	
morning max el	-344 Feb 13 j 17:49	3° $\mathcal{Z}$ 40'18	46°32'00		-342 Oct 16 j 05:46	0° $\mathcal{J}$	
	-344 Mar 09 j 19:17	0° $\approx$			-342 Nov 11 j 00:57	0° $\mathcal{Z}$	
desc. node	-344 Mar 17 j 19:48	8° $\approx$ 53'09		evening max el	-342 Dec 06 j 08:22	27° $\mathcal{Z}$ 31'09	47°14'21
	-344 Apr 05 j 10:38	0° $\mathcal{K}$			-342 Dec 08 j 19:04	0° $\approx$	
	-344 May 01 j 05:28	0° $\Upsilon$		asc. node	-342 Dec 24 j 17:38	14° $\approx$ 54'18	
	-344 May 26 j 12:54	0° $\mathcal{B}$		greatest brilliancy	-341 Jan 12 j 11:19	27° $\approx$ 45'53	-4.6m
	-344 Jun 20 j 11:42	0° $\mathcal{H}$			-341 Jan 18 j 01:30	0° $\mathcal{K}$	
asc. node	-344 Jul 08 j 22:37	22° $\mathcal{H}$ 27'05		retrograde	-341 Jan 26 j 08:13	1° $\mathcal{K}$ 20'18	
	-344 Jul 15 j 02:30	0° $\mathcal{E}$			-341 Feb 03 j 08:00	30° $\approx$	
	-344 Aug 08 j 09:53	0° $\mathcal{Q}$		evening set	-341 Feb 13 j 04:18	25° $\approx$ 07'36	
morning set	-344 Aug 10 j 06:34	2° $\mathcal{Q}$ 18'44		min. Earth dist.	-341 Feb 15 j 18:52	23° $\approx$ 29'51	0.28185 AU
	-344 Sep 01 j 11:28	0° $\mathcal{N}$		inferior conj	-341 Feb 16 j 10:25	23° $\approx$ 05'15	8°37'01
max. Earth dist.	-344 Sep 13 j 22:26	15° $\mathcal{N}$ 36'33	1.71579 AU	minimum elong	-341 Feb 16 j 09:49	23° $\approx$ 06'12	8°37'02
				morning rise	-341 Feb 19 j 15:33	21° $\approx$ 04'49	
superior conj	-344 Sep 16 j 19:20	19° $\mathcal{N}$ 12'39	1°18'01	direct	-341 Mar 09 j 09:18	15° $\approx$ 00'45	
minimum elong	-344 Sep 17 j 02:38	19° $\mathcal{N}$ 35'34	1°17'53	greatest brilliancy	-341 Mar 20 j 11:48	17° $\approx$ 15'26	-4.5m
	-344 Sep 25 j 09:36	0° $\mathcal{L}$			-341 Apr 10 j 03:41	0° $\mathcal{K}$	
	-344 Oct 19 j 06:37	0° $\mathcal{M}$		desc. node	-341 Apr 15 j 07:35	4° $\mathcal{K}$ 16'02	
evening rise	-344 Oct 26 j 20:00	9° $\mathcal{M}$ 29'32		morning max el	-341 Apr 27 j 09:55	15° $\mathcal{K}$ 16'39	45°52'57
desc. node	-344 Oct 28 j 12:44	11° $\mathcal{M}$ 37'23			-341 May 12 j 02:43	0° $\Upsilon$	



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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

	-336 Jun 19 j 22:48	0°♁		asc. node	-334 Dec 23 j 19:41	13°♁47'41	
asc. node	-336 Jul 08 j 00:39	22°♁00'04		greatest brilliancy	-333 Jan 10 j 03:40	25°♁28'32	-4.6m
	-336 Jul 14 j 13:20	0°♁		retrograde	-333 Jan 24 j 00:19	29°♁02'12	
morning set	-336 Aug 07 j 23:05	0°♁07'38		evening set	-333 Feb 10 j 18:25	22°♁51'21	
	-336 Aug 07 j 20:38	0°♁		min. Earth dist.	-333 Feb 13 j 08:29	21°♁14'27	0.28125 AU
	-336 Aug 31 j 22:13	0°♁		inferior conj	-333 Feb 14 j 01:28	20°♁47'38	8°36'34
max. Earth dist.	-336 Sep 11 j 12:09	13°♁15'09	1.71633 AU	minimum elong	-333 Feb 14 j 00:05	20°♁49'49	8°36'32
				morning rise	-333 Feb 17 j 05:59	18°♁48'20	
superior conj	-336 Sep 14 j 09:38	16°♁53'01	1°19'19	direct	-333 Mar 07 j 00:11	12°♁44'17	
minimum elong	-336 Sep 14 j 16:17	17°♁13'52	1°19'13	greatest brilliancy	-333 Mar 17 j 23:44	14°♁56'52	-4.5m
	-336 Sep 24 j 20:27	0°♁			-333 Apr 10 j 12:46	0°♁	
	-336 Oct 18 j 17:37	0°♁		desc. node	-333 Apr 14 j 09:43	3°♁17'51	
evening rise	-336 Oct 24 j 06:35	6°♁57'29		morning max el	-333 Apr 25 j 01:43	13°♁05'17	45°53'48
desc. node	-336 Oct 27 j 14:52	11°♁09'27			-333 May 11 j 20:43	0°♁	
	-336 Nov 11 j 15:14	0°♁			-333 Jun 08 j 08:37	0°♁	
	-336 Dec 05 j 14:25	0°♁			-333 Jul 04 j 10:43	0°♁	
	-336 Dec 29 j 16:41	0°♁			-333 Jul 29 j 16:44	0°♁	
	-335 Jan 23 j 01:04	0°♁		asc. node	-333 Aug 05 j 12:32	8°♁14'39	
	-335 Feb 16 j 20:39	0°♁			-333 Aug 23 j 08:08	0°♁	
asc. node	-335 Feb 17 j 17:24	1°♁01'52			-333 Sep 16 j 13:01	0°♁	
	-335 Mar 14 j 11:48	0°♁			-333 Oct 10 j 11:32	0°♁	
	-335 Apr 10 j 16:15	0°♁		morning set	-333 Oct 19 j 23:04	11°♁55'49	
evening max el	-335 Apr 27 j 05:19	16°♁41'44	45°17'17	desc. node	-333 Nov 03 j 07:19	0°♁	
	-335 May 12 j 03:37	0°♁			-333 Nov 25 j 02:34	27°♁28'01	
greatest brilliancy	-335 Jun 01 j 05:12	13°♁02'28	-4.5m		-333 Nov 27 j 02:52	0°♁	
desc. node	-335 Jun 09 j 07:24	15°♁40'22					
retrograde	-335 Jun 14 j 16:52	16°♁13'03		superior conj	-333 Nov 30 j 01:07	3°♁41'01	0°-11'-42
evening set	-335 Jun 30 j 09:16	11°♁32'41		minimum elong	-333 Nov 29 j 21:56	3°♁31'03	0°11'33
inferior conj	-335 Jul 06 j 02:34	8°♁08'24	-5°-45'-56	behind sun begin	-333 Nov 29 j 02:42	2°♁30'31	
minimum elong	-335 Jul 05 j 16:37	8°♁23'46	5°43'45	behind sun end	-333 Nov 30 j 17:10	4°♁31'34	
min. Earth dist.	-335 Jul 06 j 06:55	8°♁01'40	0.28730 AU	max. Earth dist.	-333 Dec 02 j 11:44	6°♁45'25	1.71058 AU
morning rise	-335 Jul 10 j 23:35	5°♁11'31			-333 Dec 20 j 23:35	0°♁	
	-335 Jul 25 j 10:12	30°♁		evening rise	-332 Jan 10 j 19:54	26°♁06'59	
direct	-335 Jul 27 j 16:27	29°♁53'57			-332 Jan 13 j 22:29	0°♁	
	-335 Jul 29 j 23:20	0°♁			-332 Feb 07 j 00:52	0°♁	
greatest brilliancy	-335 Aug 11 j 05:21	3°♁35'32	-4.5m		-332 Mar 02 j 08:35	0°♁	
	-335 Sep 14 j 03:41	0°♁		asc. node	-332 Mar 17 j 05:28	18°♁09'42	
morning max el	-335 Sep 15 j 12:23	1°♁20'39	46°25'21		-332 Mar 26 j 23:55	0°♁	
asc. node	-335 Sep 30 j 10:17	16°♁52'34			-332 Apr 21 j 01:46	0°♁	
	-335 Oct 12 j 06:12	0°♁			-332 May 16 j 19:03	0°♁	
	-335 Nov 06 j 22:03	0°♁			-332 Jun 12 j 15:23	0°♁	
	-335 Dec 01 j 15:15	0°♁		desc. node	-332 Jul 06 j 19:13	24°♁54'05	
	-335 Dec 25 j 23:41	0°♁		evening max el	-332 Jul 08 j 00:35	26°♁04'46	45°50'22
	-334 Jan 19 j 05:37	0°♁			-332 Jul 12 j 04:22	0°♁	
desc. node	-334 Jan 20 j 00:13	0°♁57'34		greatest brilliancy	-332 Aug 15 j 12:09	24°♁11'49	-4.6m
	-334 Feb 12 j 11:39	0°♁		retrograde	-332 Aug 26 j 02:26	26°♁12'31	
	-334 Mar 08 j 18:49	0°♁		evening set	-332 Sep 12 j 15:21	20°♁27'56	
morning set	-334 Mar 22 j 15:45	17°♁05'32		inferior conj	-332 Sep 15 j 23:06	18°♁27'52	-8°-16'-23
	-334 Apr 02 j 03:26	0°♁		minimum elong	-332 Sep 16 j 06:29	18°♁16'35	8°15'34
	-334 Apr 26 j 13:17	0°♁		min. Earth dist.	-332 Sep 16 j 18:00	17°♁59'01	0.27360 AU
				morning rise	-332 Sep 19 j 21:22	16°♁06'13	
superior conj	-334 Apr 28 j 20:36	2°♁49'53	0°-32'-53	direct	-332 Oct 06 j 21:05	10°♁35'38	
minimum elong	-334 Apr 29 j 03:00	3°♁09'30	0°32'37	greatest brilliancy	-332 Oct 20 j 14:17	14°♁03'17	-4.7m
max. Earth dist.	-334 Apr 29 j 03:34	3°♁11'16	1.73602 AU	asc. node	-332 Oct 27 j 21:55	18°♁12'35	
asc. node	-334 May 13 j 03:05	20°♁21'03			-332 Nov 11 j 23:35	0°♁	
	-334 May 20 j 23:43	0°♁		morning max el	-332 Nov 26 j 16:26	14°♁09'42	46°55'29
evening rise	-334 Jun 04 j 03:04	17°♁21'44			-332 Dec 11 j 13:21	0°♁	
	-334 Jun 14 j 10:05	0°♁			-331 Jan 06 j 20:50	0°♁	
	-334 Jul 08 j 20:25	0°♁			-331 Feb 01 j 04:46	0°♁	
	-334 Aug 02 j 07:43	0°♁		desc. node	-331 Feb 16 j 12:08	18°♁22'00	
	-334 Aug 26 j 21:41	0°♁			-331 Feb 26 j 03:43	0°♁	
desc. node	-334 Sep 01 j 17:05	7°♁03'28			-331 Mar 22 j 22:51	0°♁	
	-334 Sep 20 j 16:30	0°♁			-331 Apr 16 j 15:58	0°♁	
	-334 Oct 15 j 19:50	0°♁			-331 May 11 j 07:18	0°♁	
	-334 Nov 10 j 17:29	0°♁		morning set	-331 May 29 j 19:08	22°♁35'50	
evening max el	-334 Dec 04 j 00:28	25°♁13'35	47°15'55		-331 Jun 04 j 20:12	0°♁	
	-334 Dec 08 j 18:22	0°♁		asc. node	-331 Jun 09 j 14:52	5°♁51'32	

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

	-331 Jun 29 j 05:50	0°☉		inferior conj	-329 Nov 30 j 12:33	4°♁11'41	1°19'24
max. Earth dist.	-331 Jul 01 j 13:43	2°☉52'19	1.73214 AU	minimum elong	-329 Nov 30 j 09:34	4°♁16'15	1°18'26
				morning rise	-329 Dec 06 j 12:07	0°♁41'20	
superior conj	-331 Jul 05 j 00:22	7°☉07'20	0°55'16		-329 Dec 07 j 19:58	30°♁	
minimum elong	-331 Jul 04 j 15:49	6°☉40'56	0°54'56	direct	-329 Dec 20 j 18:35	26°♁35'58	
	-331 Jul 23 j 12:04	0°♁		greatest brilliancy	-328 Jan 01 j 06:27	29°♁04'02	-4.7m
evening rise	-331 Aug 10 j 01:31	21°♁47'59			-328 Jan 03 j 09:33	0°♁	
	-331 Aug 16 j 15:47	0°♁		morning max el	-328 Feb 08 j 20:00	28°♁51'53	46°35'08
	-331 Sep 09 j 18:33	0°♁			-328 Feb 09 j 23:21	0°♁	
desc. node	-331 Sep 29 j 05:00	24°♁09'45			-328 Mar 09 j 04:22	0°♁	
	-331 Oct 03 j 21:51	0°♁		desc. node	-328 Mar 16 j 00:04	7°♁37'43	
	-331 Oct 28 j 02:59	0°♁			-328 Apr 04 j 14:18	0°♁	
	-331 Nov 21 j 11:52	0°♁			-328 Apr 30 j 06:24	0°♁	
	-331 Dec 16 j 05:00	0°♁			-328 May 25 j 12:16	0°♁	
	-330 Jan 10 j 16:37	0°♁			-328 Jun 19 j 10:10	0°♁	
asc. node	-330 Jan 20 j 07:33	10°♁54'32		asc. node	-328 Jul 07 j 02:48	21°♁32'28	
	-330 Feb 07 j 00:30	0°♁			-328 Jul 14 j 00:27	0°♁	
evening max el	-330 Feb 13 j 06:39	6°♁19'57	46°05'03	morning set	-328 Aug 05 j 15:40	27°♁56'00	
	-330 Mar 13 j 09:04	0°♁			-328 Aug 07 j 07:38	0°♁	
greatest brilliancy	-330 Mar 19 j 23:19	3°♁43'17	-4.5m		-328 Aug 31 j 09:14	0°♁	
retrograde	-330 Apr 03 j 15:31	7°♁31'54		max. Earth dist.	-328 Sep 09 j 02:36	10°♁55'22	1.71684 AU
evening set	-330 Apr 19 j 12:06	2°♁40'38					
	-330 Apr 23 j 22:12	30°♁		superior conj	-328 Sep 12 j 00:03	14°♁33'01	1°20'29
inferior conj	-330 Apr 25 j 02:18	29°♁15'38	3°47'06	minimum elong	-328 Sep 12 j 06:00	14°♁51'42	1°20'23
minimum elong	-330 Apr 25 j 09:44	29°♁03'53	3°45'10		-328 Sep 24 j 07:33	0°♁	
min. Earth dist.	-330 Apr 25 j 08:29	29°♁05'52	0.29007 AU		-328 Oct 18 j 04:52	0°♁	
morning rise	-330 May 01 j 07:26	25°♁29'23		evening rise	-328 Oct 21 j 17:21	4°♁25'14	
desc. node	-330 May 11 j 21:24	21°♁23'31		desc. node	-328 Oct 26 j 16:49	10°♁40'09	
direct	-330 May 16 j 17:06	20°♁56'10			-328 Nov 11 j 02:40	0°♁	
greatest brilliancy	-330 May 29 j 22:37	23°♁59'36	-4.5m		-328 Dec 05 j 02:00	0°♁	
	-330 Jun 09 j 15:50	0°♁			-328 Dec 29 j 04:28	0°♁	
morning max el	-330 Jul 04 j 11:49	20°♁40'32	45°48'39		-327 Jan 22 j 13:12	0°♁	
	-330 Jul 13 j 22:33	0°♁			-327 Feb 16 j 09:27	0°♁	
	-330 Aug 10 j 18:50	0°♁		asc. node	-327 Feb 16 j 19:34	0°♁30'08	
asc. node	-330 Sep 02 j 00:31	25°♁42'42			-327 Mar 14 j 02:04	0°♁	
	-330 Sep 05 j 15:21	0°♁			-327 Apr 10 j 10:09	0°♁	
	-330 Sep 30 j 11:02	0°♁		evening max el	-327 Apr 24 j 21:41	14°♁32'21	45°17'38
	-330 Oct 24 j 16:59	0°♁			-327 May 12 j 13:05	0°♁	
	-330 Nov 17 j 16:25	0°♁		greatest brilliancy	-327 May 29 j 18:13	10°♁49'03	-4.5m
	-330 Dec 11 j 13:59	0°♁		desc. node	-327 Jun 08 j 09:28	13°♁44'28	
desc. node	-330 Dec 22 j 14:24	13°♁49'11		retrograde	-327 Jun 12 j 09:01	14°♁02'25	
	-329 Jan 04 j 12:15	0°♁		evening set	-327 Jun 27 j 22:40	9°♁25'03	
morning set	-329 Jan 04 j 22:41	0°♁32'38		inferior conj	-327 Jul 03 j 18:21	5°♁57'03	-5°-30'-25
	-329 Jan 28 j 12:20	0°♁		minimum elong	-327 Jul 03 j 08:34	6°♁12'10	5°28'12
				min. Earth dist.	-327 Jul 03 j 22:03	5°♁51'20	0.28755 AU
superior conj	-329 Feb 14 j 21:49	21°♁39'52	-1°-25'-7	morning rise	-327 Jul 08 j 18:12	2°♁56'14	
minimum elong	-329 Feb 14 j 20:24	21°♁35'27	1°25'08		-327 Jul 14 j 14:26	30°♁	
max. Earth dist.	-329 Feb 18 j 22:20	26°♁39'37	1.72335 AU	direct	-327 Jul 25 j 09:09	27°♁42'19	
	-329 Feb 21 j 14:53	0°♁			-327 Aug 05 j 15:46	0°♁	
	-329 Mar 17 j 20:32	0°♁		greatest brilliancy	-327 Aug 08 j 21:20	1°♁23'39	-4.5m
evening rise	-329 Mar 25 j 20:14	9°♁50'46		morning max el	-327 Sep 13 j 04:20	29°♁06'16	46°23'47
	-329 Apr 11 j 05:50	0°♁			-327 Sep 14 j 01:57	0°♁	
asc. node	-329 Apr 14 j 17:17	4°♁15'36		asc. node	-327 Sep 29 j 12:16	16°♁09'08	
	-329 May 05 j 19:09	0°♁			-327 Oct 11 j 22:15	0°♁	
	-329 May 30 j 12:55	0°♁			-327 Nov 06 j 11:56	0°♁	
	-329 Jun 24 j 12:37	0°♁			-327 Dec 01 j 04:07	0°♁	
	-329 Jul 19 j 21:35	0°♁			-327 Dec 25 j 11:57	0°♁	
desc. node	-329 Aug 04 j 07:07	17°♁51'41		desc. node	-326 Jan 18 j 17:27	0°♁	
	-329 Aug 14 j 22:50	0°♁			-326 Jan 19 j 02:19	0°♁27'29	
	-329 Sep 11 j 10:13	0°♁			-326 Feb 11 j 23:10	0°♁	
evening max el	-329 Sep 20 j 11:02	9°♁12'31	47°05'56		-326 Mar 08 j 06:04	0°♁	
	-329 Oct 13 j 18:04	0°♁		morning set	-326 Mar 20 j 07:30	14°♁51'55	
greatest brilliancy	-329 Oct 29 j 12:40	9°♁27'51	-4.7m		-326 Apr 01 j 14:29	0°♁	
retrograde	-329 Nov 09 j 23:03	11°♁55'32			-326 Apr 26 j 00:13	0°♁	
evening set	-329 Nov 24 j 07:13	7°♁50'06					
asc. node	-329 Nov 25 j 09:49	7°♁13'48		superior conj	-326 Apr 26 j 14:21	0°♁43'23	0°-35'-49
min. Earth dist.	-329 Nov 30 j 02:30	4°♁27'03	0.26388 AU	minimum elong	-326 Apr 26 j 21:13	1°♁04'29	0°35'31

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

max. Earth dist.	-326 Apr 27 j 03:07	1°♄22'34	1.73583 AU	asc. node	-324 Oct 27 j 00:00	16°♎48'02	
asc. node	-326 May 12 j 05:08	19°♄53'54			-324 Nov 12 j 05:39	0°♌	
	-326 May 20 j 10:39	0°♈		morning max el	-324 Nov 24 j 04:58	11°♌40'36	46°55'13
evening rise	-326 Jun 01 j 22:22	15°♈19'59			-324 Dec 11 j 07:47	0°♌	
	-326 Jun 13 j 21:08	0°♄			-323 Jan 06 j 11:52	0°♄	
	-326 Jul 08 j 07:43	0°♈			-323 Jan 31 j 18:10	0°♄	
	-326 Aug 01 j 19:26	0°♎		desc. node	-323 Feb 15 j 14:15	17°♄49'49	
	-326 Aug 26 j 10:01	0°♌			-323 Feb 25 j 16:11	0°♌	
desc. node	-326 Aug 31 j 19:06	6°♌31'44			-323 Mar 22 j 10:42	0°♈	
	-326 Sep 20 j 05:40	0°♌			-323 Apr 16 j 03:23	0°♎	
	-326 Oct 15 j 10:22	0°♄			-323 May 10 j 18:25	0°♄	
	-326 Nov 10 j 10:39	0°♄		morning set	-323 May 27 j 13:34	20°♄31'43	
evening max el	-326 Dec 01 j 16:27	22°♄54'36	47°17'18		-323 Jun 04 j 07:08	0°♈	
	-326 Dec 08 j 19:10	0°♌		asc. node	-323 Jun 08 j 17:04	5°♈24'47	
asc. node	-326 Dec 22 j 21:49	12°♌38'19			-323 Jun 28 j 16:43	0°♄	
greatest brilliancy	-325 Jan 07 j 20:50	23°♌10'53	-4.6m	max. Earth dist.	-323 Jun 29 j 09:31	0°♄51'47	1.73253 AU
retrograde	-325 Jan 21 j 16:01	26°♌42'15					
evening set	-325 Feb 08 j 08:02	20°♌34'08		superior conj	-323 Jul 02 j 18:55	5°♄02'53	0°52'52
min. Earth dist.	-325 Feb 10 j 22:09	18°♌57'08	0.28063 AU	minimum elong	-323 Jul 02 j 10:29	4°♄36'53	0°52'32
inferior conj	-325 Feb 11 j 16:21	18°♌28'20	8°35'13		-323 Jul 22 j 23:00	0°♈	
minimum elong	-325 Feb 11 j 14:11	18°♌31'46	8°35'09	evening rise	-323 Aug 07 j 18:44	19°♈38'11	
morning rise	-325 Feb 14 j 20:37	16°♌29'29			-323 Aug 16 j 02:52	0°♎	
direct	-325 Mar 04 j 15:02	10°♌26'20			-323 Sep 09 j 05:53	0°♌	
greatest brilliancy	-325 Mar 15 j 11:24	12°♌36'22	-4.5m	desc. node	-323 Sep 28 j 06:59	23°♌39'56	
	-325 Apr 10 j 19:51	0°♈			-323 Oct 03 j 09:30	0°♌	
desc. node	-325 Apr 13 j 11:38	2°♈19'21			-323 Oct 27 j 15:03	0°♄	
morning max el	-325 Apr 22 j 16:35	10°♈50'29	45°54'49		-323 Nov 21 j 00:30	0°♄	
	-325 May 11 j 14:39	0°♎			-323 Dec 15 j 18:32	0°♌	
	-325 Jun 07 j 22:58	0°♄			-322 Jan 10 j 07:55	0°♈	
	-325 Jul 03 j 23:28	0°♈		asc. node	-322 Jan 19 j 09:40	10°♈14'37	
	-325 Jul 29 j 04:40	0°♄			-322 Feb 06 j 20:36	0°♎	
asc. node	-325 Aug 04 j 14:41	7°♄45'24		evening max el	-322 Feb 10 j 20:25	4°♎01'04	46°07'42
	-325 Aug 22 j 19:39	0°♈			-322 Mar 14 j 16:34	0°♄	
	-325 Sep 16 j 00:22	0°♎		greatest brilliancy	-322 Mar 17 j 15:20	1°♄32'40	-4.5m
	-325 Oct 09 j 22:50	0°♌		retrograde	-322 Apr 01 j 07:56	5°♄22'46	
morning set	-325 Oct 17 j 11:17	9°♌27'44		evening set	-322 Apr 17 j 06:52	0°♄27'49	
	-325 Nov 02 j 18:35	0°♌			-322 Apr 18 j 02:05	30°♎	
desc. node	-325 Nov 24 j 04:41	26°♌59'14		inferior conj	-322 Apr 22 j 18:51	27°♎06'10	4°04'33
	-325 Nov 26 j 14:07	0°♄		minimum elong	-322 Apr 23 j 02:43	26°♎53'45	4°02'32
				min. Earth dist.	-322 Apr 23 j 01:10	26°♎56'11	0.29002 AU
superior conj	-325 Nov 27 j 10:24	1°♄03'47	0°-7'-41	morning rise	-322 Apr 28 j 22:34	23°♎21'48	
minimum elong	-325 Nov 27 j 08:18	0°♄57'12	0°07'37	desc. node	-322 May 10 j 23:35	19°♎00'02	
behind sun begin	-325 Nov 26 j 08:20	29°♌41'48		direct	-322 May 14 j 08:46	18°♎46'35	
behind sun end	-325 Nov 28 j 08:16	2°♄12'36		greatest brilliancy	-322 May 27 j 14:28	21°♎49'52	-4.5m
max. Earth dist.	-325 Nov 29 j 17:19	3°♄56'35	1.71039 AU		-322 Jun 10 j 10:32	0°♄	
	-325 Dec 20 j 10:51	0°♄		morning max el	-322 Jul 02 j 03:31	18°♄29'41	45°48'13
evening rise	-324 Jan 08 j 06:10	23°♄33'43			-322 Jul 13 j 17:38	0°♈	
	-324 Jan 13 j 09:47	0°♌			-322 Aug 10 j 09:31	0°♄	
	-324 Feb 06 j 12:14	0°♈		asc. node	-322 Sep 01 j 02:30	25°♄09'44	
	-324 Mar 01 j 20:08	0°♎			-322 Sep 05 j 04:17	0°♈	
asc. node	-324 Mar 16 j 07:26	17°♎40'07			-322 Sep 29 j 23:09	0°♎	
	-324 Mar 26 j 11:48	0°♄			-322 Oct 24 j 04:40	0°♌	
	-324 Apr 20 j 14:20	0°♈			-322 Nov 17 j 03:52	0°♌	
	-324 May 16 j 08:59	0°♄			-322 Dec 11 j 01:19	0°♄	
	-324 Jun 12 j 08:19	0°♈		desc. node	-322 Dec 21 j 16:33	13°♄20'37	
evening max el	-324 Jul 05 j 13:34	23°♈44'19	45°47'59	morning set	-321 Jan 02 j 08:20	27°♄57'26	
desc. node	-324 Jul 05 j 21:22	24°♈02'59			-321 Jan 03 j 23:29	0°♄	
	-324 Jul 12 j 06:42	0°♎			-321 Jan 27 j 23:26	0°♌	
greatest brilliancy	-324 Aug 13 j 00:45	21°♎49'52	-4.6m				
retrograde	-324 Aug 23 j 14:30	23°♎50'20		superior conj	-321 Feb 12 j 10:27	19°♌15'41	-1°-24'-48
evening set	-324 Sep 10 j 06:46	18°♎02'16		minimum elong	-321 Feb 12 j 08:05	19°♌08'18	1°24'49
inferior conj	-324 Sep 13 j 12:25	16°♎05'11	-8°-23'-49	max. Earth dist.	-321 Feb 16 j 09:40	24°♌11'37	1.72277 AU
minimum elong	-324 Sep 13 j 19:06	15°♎54'58	8°23'09		-321 Feb 21 j 01:52	0°♈	
min. Earth dist.	-324 Sep 14 j 07:30	15°♎36'01	0.27424 AU		-321 Mar 17 j 07:28	0°♎	
morning rise	-324 Sep 17 j 07:11	13°♎48'22		evening rise	-321 Mar 23 j 11:24	7°♎35'56	
direct	-324 Oct 04 j 10:38	8°♎11'49			-321 Apr 10 j 16:51	0°♄	
greatest brilliancy	-324 Oct 18 j 05:57	11°♎40'53	-4.7m	asc. node	-321 Apr 13 j 19:20	3°♄48'08	





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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

desc. node	-311 Jun 06 j 13:37	9°☉40'46		superior conj	-309 Nov 22 j 05:35	25°♌52'24	0°00'19
retrograde	-311 Jun 07 j 16:26	9°☉42'11		minimum elong	-309 Nov 22 j 05:40	25°♌52'41	0°00'20
evening set	-311 Jun 23 j 02:12	5°☉10'55		behind sun begin	-309 Nov 21 j 03:05	24°♌29'00	
inferior conj	-311 Jun 29 j 02:06	1°☉36'11	-4°-58'-7	behind sun end	-309 Nov 23 j 08:15	27°♌16'21	
minimum elong	-311 Jun 28 j 16:49	1°☉50'36	4°55'53	desc. node	-309 Nov 22 j 08:48	26°♌02'34	
min. Earth dist.	-311 Jun 29 j 05:15	1°☉31'18	0.28793 AU	max. Earth dist.	-309 Nov 23 j 21:34	27°♌58'14	1.71015 AU
	-311 Jul 01 j 16:26	30°♈			-309 Nov 25 j 12:16	0°♈	
morning rise	-311 Jul 04 j 07:12	28°♈27'16			-309 Dec 19 j 09:02	0°♈	
direct	-311 Jul 20 j 18:08	23°♈21'09		evening rise	-308 Jan 03 j 02:43	18°♈28'08	
greatest brilliancy	-311 Aug 04 j 02:14	26°♈57'27	-4.5m		-308 Jan 12 j 08:02	0°♈	
	-311 Aug 09 j 17:42	0°☉			-308 Feb 05 j 10:37	0°♈	
morning max el	-311 Sep 08 j 10:09	24°☉34'00	46°20'37		-308 Feb 29 j 18:49	0°♈	
	-311 Sep 13 j 19:40	0°♈		asc. node	-308 Mar 14 j 11:41	16°♈42'54	
asc. node	-311 Sep 27 j 16:32	14°♈45'59			-308 Mar 25 j 11:15	0°♈	
	-311 Oct 11 j 05:11	0°♈			-308 Apr 19 j 15:18	0°♈	
	-311 Nov 05 j 14:58	0°♈			-308 May 15 j 12:59	0°☉	
	-311 Nov 30 j 05:14	0°♌			-308 Jun 11 j 19:04	0°♈	
	-311 Dec 24 j 11:55	0°♈		evening max el	-308 Jun 30 j 15:05	19°♈03'28	45°43'34
desc. node	-310 Jan 17 j 06:27	29°♈28'33		desc. node	-308 Jul 04 j 01:27	22°♈17'59	
	-310 Jan 17 j 16:36	0°♈			-308 Jul 12 j 16:06	0°♈	
	-310 Feb 10 j 21:41	0°♈		greatest brilliancy	-308 Aug 07 j 23:57	17°♈05'24	-4.5m
	-310 Mar 07 j 04:09	0°♈		retrograde	-308 Aug 18 j 15:56	19°♈08'36	
morning set	-310 Mar 15 j 14:17	10°♈23'30		evening set	-308 Sep 05 j 12:48	13°♈14'01	
	-310 Mar 31 j 12:15	0°♈		inferior conj	-308 Sep 08 j 15:20	11°♈21'50	-8°-35'-33
				minimum elong	-308 Sep 08 j 20:28	11°♈14'01	8°35'12
superior conj	-310 Apr 22 j 01:07	26°♈29'04	0°-41'-33	min. Earth dist.	-308 Sep 09 j 10:26	10°♈52'42	0.27552 AU
minimum elong	-310 Apr 22 j 08:52	26°♈52'50	0°41'14	morning rise	-308 Sep 12 j 03:49	9°♈14'17	
max. Earth dist.	-310 Apr 22 j 23:22	27°♈37'23	1.73538 AU	direct	-308 Sep 29 j 14:03	3°♈25'56	
	-310 Apr 24 j 21:48	0°♈		greatest brilliancy	-308 Oct 13 j 14:56	7°♈00'36	-4.6m
asc. node	-310 May 10 j 09:18	19°♈00'36		asc. node	-308 Oct 25 j 04:09	14°♈08'23	
	-310 May 19 j 08:13	0°♈			-308 Nov 12 j 11:45	0°♈	
evening rise	-310 May 28 j 12:16	11°♈15'08		morning max el	-308 Nov 19 j 08:32	6°♈50'26	46°54'41
	-310 Jun 12 j 18:56	0°☉			-308 Dec 10 j 18:57	0°♌	
	-310 Jul 07 j 06:03	0°♈			-307 Jan 05 j 17:01	0°♈	
	-310 Jul 31 j 18:37	0°♈			-307 Jan 30 j 20:24	0°♈	
	-310 Aug 25 j 10:25	0°♈		desc. node	-307 Feb 13 j 18:23	16°♈46'33	
desc. node	-310 Aug 29 j 23:18	5°♈29'38			-307 Feb 24 j 16:40	0°♈	
	-310 Sep 19 j 07:53	0°♌			-307 Mar 21 j 09:59	0°♈	
	-310 Oct 14 j 15:29	0°♈			-307 Apr 15 j 01:49	0°♈	
	-310 Nov 09 j 21:35	0°♈			-307 May 09 j 16:18	0°♈	
evening max el	-310 Nov 26 j 22:25	18°♈12'28	47°19'42	morning set	-307 May 23 j 02:28	16°♈24'28	
	-310 Dec 09 j 00:13	0°♈			-307 Jun 03 j 04:44	0°♈	
asc. node	-310 Dec 21 j 01:54	10°♈14'48		asc. node	-307 Jun 06 j 21:07	4°♈31'04	
greatest brilliancy	-309 Jan 03 j 09:03	18°♈38'47	-4.7m	max. Earth dist.	-307 Jun 25 j 05:22	27°♈04'34	1.73335 AU
retrograde	-309 Jan 16 j 22:16	22°♈03'19			-307 Jun 27 j 14:17	0°☉	
evening set	-309 Feb 03 j 10:19	16°♈02'52					
min. Earth dist.	-309 Feb 06 j 02:29	14°♈22'39	0.27932 AU	superior conj	-307 Jun 28 j 07:53	0°☉54'17	0°47'51
inferior conj	-309 Feb 06 j 22:14	13°♈51'22	8°29'59	minimum elong	-307 Jun 27 j 23:52	0°☉29'33	0°47'31
minimum elong	-309 Feb 06 j 18:29	13°♈57'19	8°29'46		-307 Jul 21 j 20:45	0°♈	
morning rise	-309 Feb 10 j 02:57	11°♈51'37		evening rise	-307 Aug 03 j 05:26	15°♈19'55	
direct	-309 Feb 27 j 19:21	5°♈51'55			-307 Aug 15 j 00:58	0°♈	
greatest brilliancy	-309 Mar 10 j 12:34	7°♈58'24	-4.5m		-307 Sep 08 j 04:27	0°♈	
	-309 Apr 11 j 03:26	0°♈		desc. node	-307 Sep 26 j 11:12	22°♈41'27	
desc. node	-309 Apr 11 j 15:57	0°♈28'31			-307 Oct 02 j 08:43	0°♌	
morning max el	-309 Apr 17 j 20:09	6°♈16'23	45°56'43		-307 Oct 26 j 15:06	0°♈	
	-309 May 11 j 00:57	0°♈			-307 Nov 20 j 01:42	0°♈	
	-309 Jun 07 j 02:53	0°♈			-307 Dec 14 j 21:37	0°♈	
	-309 Jul 03 j 00:27	0°♈			-306 Jan 09 j 14:53	0°♈	
	-309 Jul 28 j 04:07	0°☉		asc. node	-306 Jan 17 j 13:48	8°♈54'01	
asc. node	-309 Aug 02 j 18:47	6°☉47'25		evening max el	-306 Feb 06 j 02:41	29°♈30'38	46°13'08
	-309 Aug 21 j 18:18	0°♈			-306 Feb 06 j 14:31	0°♈	
greatest brilliancy	-309 Sep 06 j 06:17	19°♈10'51	-3.9m	greatest brilliancy	-306 Mar 12 j 22:53	27°♈11'48	-4.5m
	-309 Sep 14 j 22:39	0°♈			-306 Mar 20 j 03:56	0°♈	
	-309 Oct 08 j 20:58	0°♈		retrograde	-306 Mar 27 j 18:23	1°♈05'40	
morning set	-309 Oct 12 j 12:19	4°♈34'44			-306 Apr 04 j 02:26	30°♈	
	-309 Nov 01 j 16:43	0°♌		evening set	-306 Apr 12 j 20:51	26°♈02'56	
				inferior conj	-306 Apr 18 j 04:09	22°♈48'06	4°38'04

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

minimum elong	-306 Apr 18 j 12:43	22°♃34'35	4°36'00	superior conj	-304 Sep 04 j 20:55	7°♎39'47	1°23'04
min. Earth dist.	-306 Apr 18 j 09:43	22°♃39'18	0.28992 AU	minimum elong	-304 Sep 05 j 00:37	7°♎51'21	1°23'02
morning rise	-306 Apr 24 j 04:40	19°♃08'41			-304 Sep 22 j 16:33	0°♎	
desc. node	-306 May 09 j 03:38	14°♃28'57		evening rise	-304 Oct 14 j 02:44	26°♎53'12	
direct	-306 May 09 j 17:18	14°♃28'34			-304 Oct 16 j 14:16	0°♎	
greatest brilliancy	-306 May 22 j 21:24	17°♃30'55	-4.5m	desc. node	-304 Oct 23 j 23:02	9°♎14'30	
	-306 Jun 11 j 10:28	0°♃			-304 Nov 09 j 12:30	0°♎	
morning max el	-306 Jun 27 j 13:25	14°♃14'58	45°47'09		-304 Dec 03 j 12:19	0°♎	
	-306 Jul 13 j 06:10	0°♃			-304 Dec 27 j 15:29	0°♎	
	-306 Aug 09 j 14:19	0°♃			-303 Jan 21 j 01:25	0°♎	
asc. node	-306 Aug 30 j 06:46	24°♃05'11		asc. node	-303 Feb 14 j 01:48	28°♎54'11	
	-306 Sep 04 j 05:58	0°♃			-303 Feb 15 j 00:00	0°♎	
	-306 Sep 28 j 23:18	0°♃			-303 Mar 12 j 21:32	0°♎	
	-306 Oct 23 j 04:00	0°♃			-303 Apr 09 j 18:18	0°♎	
	-306 Nov 16 j 02:45	0°♃		evening max el	-303 Apr 17 j 22:15	8°♎03'33	45°19'06
	-306 Dec 09 j 23:54	0°♃			-303 May 14 j 17:17	0°♎	
desc. node	-306 Dec 19 j 20:38	12°♃23'02		greatest brilliancy	-303 May 22 j 14:10	4°♎16'14	-4.5m
morning set	-306 Dec 28 j 03:58	22°♃48'05		retrograde	-303 Jun 05 j 07:35	7°♎32'33	
	-305 Jan 02 j 21:48	0°♃		desc. node	-303 Jun 05 j 15:41	7°♎32'26	
	-305 Jan 26 j 21:31	0°♃		evening set	-303 Jun 20 j 16:18	3°♎03'45	
					-303 Jun 25 j 20:25	30°♎	
superior conj	-305 Feb 07 j 11:36	14°♎26'46	-1°-23'-44	inferior conj	-303 Jun 26 j 18:08	29°♎26'16	-4°-41'-23
minimum elong	-305 Feb 07 j 07:20	14°♎13'30	1°23'42	minimum elong	-303 Jun 26 j 09:10	29°♎40'12	4°39'11
max. Earth dist.	-305 Feb 11 j 10:29	19°♎22'06	1.72167 AU	min. Earth dist.	-303 Jun 26 j 21:32	29°♎20'58	0.28815 AU
	-305 Feb 19 j 23:47	0°♎		morning rise	-303 Jul 02 j 01:44	26°♎13'20	
	-305 Mar 16 j 05:20	0°♎		direct	-303 Jul 18 j 10:08	21°♎10'52	
evening rise	-305 Mar 18 j 17:55	3°♎06'48		greatest brilliancy	-303 Aug 01 j 17:22	24°♎45'14	-4.5m
	-305 Apr 09 j 14:52	0°♎			-303 Aug 10 j 20:18	0°♎	
asc. node	-305 Apr 11 j 23:30	2°♎53'25		morning max el	-303 Sep 06 j 00:11	22°♎15'39	46°19'05
	-305 May 04 j 04:50	0°♎			-303 Sep 13 j 15:36	0°♎	
	-305 May 28 j 23:51	0°♎		asc. node	-303 Sep 26 j 18:30	14°♎04'27	
	-305 Jun 23 j 01:43	0°♎			-303 Oct 10 j 20:25	0°♎	
	-305 Jul 18 j 14:26	0°♎			-303 Nov 05 j 04:24	0°♎	
desc. node	-305 Aug 01 j 13:21	16°♎02'45			-303 Nov 29 j 17:45	0°♎	
	-305 Aug 13 j 22:47	0°♎			-303 Dec 23 j 23:52	0°♎	
	-305 Sep 11 j 03:08	0°♎		desc. node	-302 Jan 16 j 08:33	28°♎59'11	
evening max el	-305 Sep 13 j 04:54	2°♎03'47	46°59'27		-302 Jan 17 j 04:10	0°♎	
	-305 Oct 17 j 20:03	0°♎			-302 Feb 10 j 08:58	0°♎	
greatest brilliancy	-305 Oct 22 j 04:51	2°♎00'59	-4.7m		-302 Mar 06 j 15:10	0°♎	
retrograde	-305 Nov 02 j 13:18	4°♎24'52		morning set	-302 Mar 13 j 05:33	8°♎08'48	
evening set	-305 Nov 16 j 20:54	0°♎18'49			-302 Mar 30 j 23:05	0°♎	
	-305 Nov 17 j 10:48	30°♎					
min. Earth dist.	-305 Nov 22 j 18:27	26°♎52'17	0.26345 AU	superior conj	-302 Apr 19 j 18:44	24°♎22'44	0°-44'-20
asc. node	-305 Nov 22 j 16:04	26°♎55'55		minimum elong	-302 Apr 20 j 02:50	24°♎47'40	0°44'00
inferior conj	-305 Nov 23 j 00:47	26°♎42'38	0°05'40	max. Earth dist.	-302 Apr 20 j 20:02	25°♎40'29	1.73510 AU
minimum elong	-305 Nov 23 j 00:34	26°♎42'58	0°05'36		-302 Apr 24 j 08:31	0°♎	
transit begin	-305 Nov 22 j 20:44	26°♎48'49		asc. node	-302 May 09 j 11:23	18°♎34'09	
transit end	-305 Nov 23 j 04:25	26°♎37'07			-302 May 18 j 18:56	0°♎	
morning rise	-305 Nov 29 j 04:32	23°♎08'02		evening rise	-302 May 26 j 07:28	9°♎13'46	
direct	-305 Dec 13 j 08:17	19°♎07'42			-302 Jun 12 j 05:48	0°♎	
greatest brilliancy	-305 Dec 24 j 23:05	21°♎40'31	-4.7m		-302 Jul 06 j 17:13	0°♎	
	-304 Jan 08 j 01:49	0°♎			-302 Jul 31 j 06:15	0°♎	
morning max el	-304 Feb 01 j 14:10	21°♎44'59	46°39'14		-302 Aug 24 j 22:42	0°♎	
	-304 Feb 09 j 16:15	0°♎		desc. node	-302 Aug 29 j 01:18	4°♎58'08	
	-304 Mar 08 j 04:05	0°♎			-302 Sep 18 j 21:07	0°♎	
desc. node	-304 Mar 13 j 06:18	5°♎45'59			-302 Oct 14 j 06:17	0°♎	
	-304 Apr 03 j 07:01	0°♎			-302 Nov 09 j 15:38	0°♎	
	-304 Apr 28 j 19:26	0°♎		evening max el	-302 Nov 24 j 12:13	15°♎48'09	47°20'49
	-304 May 23 j 23:10	0°♎			-302 Dec 09 j 05:18	0°♎	
	-304 Jun 17 j 19:48	0°♎		asc. node	-302 Dec 20 j 04:04	8°♎59'56	
asc. node	-304 Jul 04 j 09:03	20°♎10'30		greatest brilliancy	-301 Jan 01 j 02:18	16°♎20'57	-4.7m
	-304 Jul 12 j 09:23	0°♎		retrograde	-301 Jan 14 j 12:58	19°♎43'21	
morning set	-304 Jul 29 j 18:13	21°♎25'23		evening set	-301 Jan 31 j 22:49	13°♎47'10	
	-304 Aug 05 j 16:17	0°♎		min. Earth dist.	-301 Feb 03 j 16:56	12°♎04'12	0.27867 AU
	-304 Aug 29 j 17:55	0°♎		inferior conj	-301 Feb 04 j 13:03	11°♎32'22	8°26'03
max. Earth dist.	-304 Sep 01 j 11:58	3°♎26'31	1.71837 AU	minimum elong	-301 Feb 04 j 08:33	11°♎39'30	8°25'44
				morning rise	-301 Feb 07 j 18:33	9°♎31'26	

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Attention, astronomical year style is used: The year -401 in astronomical counting style is the year 402 BCE in historical counting style.

direct	-301 Feb 25 j 08:48	3°≈33'50	
greatest brilliancy	-301 Mar 08 j 02:32	5°≈40'27	-4.6m
desc. node	-301 Apr 10 j 17:53	29°≈34'29	
	-301 Apr 11 j 04:52	0°✕	
morning max el	-301 Apr 15 j 10:04	3°✕59'32	45°57'59
	-301 May 10 j 17:27	0°∕	
	-301 Jun 06 j 16:28	0°♄	
	-301 Jul 02 j 12:40	0°♂	
	-301 Jul 27 j 15:38	0°♁	
asc. node	-301 Aug 01 j 20:56	6°♁19'17	
	-301 Aug 21 j 05:29	0°♁	
greatest brilliancy	-301 Sep 12 j 11:31	27°♁35'51	-3.9m
	-301 Sep 14 j 09:42	0°♁	
	-301 Oct 08 j 07:59	0°♁	
morning set	-301 Oct 10 j 00:58	2°♁08'54	
	-301 Nov 01 j 03:43	0°♁	
superior conj	-301 Nov 19 j 15:00	23°♁16'16	0°04'23
minimum elong	-301 Nov 19 j 16:11	23°♁19'59	0°04'19
behind sun begin	-301 Nov 18 j 14:17	21°♁58'26	
behind sun end	-301 Nov 20 j 18:04	24°♁41'30	
max. Earth dist.	-301 Nov 21 j 01:20	25°♁04'20	1.71009 AU
desc. node	-301 Nov 21 j 10:56	25°♁34'33	
	-301 Nov 24 j 23:17	0°♁	
	-301 Dec 18 j 20:04	0°♁	
evening rise	-301 Dec 31 j 12:41	15°♁54'34	
	-300 Jan 11 j 19:05	0°≈	
	-300 Feb 04 j 21:45	0°✕	
	-300 Feb 29 j 06:08	0°∕	
asc. node	-300 Mar 13 j 13:40	16°∕14'02	
	-300 Mar 24 j 22:56	0°♄	
	-300 Apr 19 j 03:46	0°♂	
	-300 May 15 j 03:02	0°♁	
	-300 Jun 11 j 12:46	0°♁	
evening max el	-300 Jun 28 j 04:57	16°♁46'54	45°41'33
desc. node	-300 Jul 03 j 03:37	21°♁25'07	
	-300 Jul 12 j 23:34	0°♁	
greatest brilliancy	-300 Aug 05 j 09:46	14°♁42'47	-4.5m
retrograde	-300 Aug 16 j 05:29	16°♁49'15	